

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
 Data File : BG064549.D
 Acq On : 20 Oct 2025 14:25
 Operator : RC/JU
 Sample : PB170165BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170165BS

Quant Time: Oct 20 15:20:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	13636	20.000	ng	0.00
21) Naphthalene-d8	10.606	136	56148	20.000	ng	# 0.00
39) Acenaphthene-d10	14.448	164	44549	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	109767	20.000	ng	0.00
76) Chrysene-d12	21.423	240	115066	20.000	ng	# 0.01
86) Perylene-d12	24.407	264	122784	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.412	112	80542	109.312	ng	0.00
7) Phenol-d6	7.004	99	124074	125.308	ng	0.02
23) Nitrobenzene-d5	8.973	82	87220	83.526	ng	0.00
42) 2,4,6-Tribromophenol	15.941	330	109226	135.262	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	250135	82.763	ng	0.00
79) Terphenyl-d14	19.807	244	523971	86.178	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.309	88	8665	29.732	ng	94
3) Pyridine	3.708	79	17360	22.164	ng	# 85
4) n-Nitrosodimethylamine	3.620	42	20816	36.660	ng	85
6) Aniline	7.145	93	40496	32.424	ng	97
8) 2-Chlorophenol	7.386	128	40444	44.701	ng	96
9) Benzaldehyde	6.957	77	16529	18.806	ng	92
10) Phenol	7.034	94	46653	44.664	ng	96
11) bis(2-Chloroethyl)ether	7.245	93	28699	40.572	ng	83
12) 1,3-Dichlorobenzene	7.709	146	42363	42.802	ng	95
13) 1,4-Dichlorobenzene	7.850	146	42566	42.852	ng	96
14) 1,2-Dichlorobenzene	8.168	146	43365	44.295	ng	95
15) Benzyl Alcohol	8.062	79	40960	44.919	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.338	45	40117	35.184	ng	97
17) 2-Methylphenol	8.267	107	34669	45.837	ng	95
18) Hexachloroethane	8.890	117	15340	39.124	ng	89
19) n-Nitroso-di-n-propyla...	8.626	70	27125	40.962	ng	94
20) 3+4-Methylphenols	8.597	107	46606	44.156	ng	93
22) Acetophenone	8.638	105	67129	49.378	ng	98
24) Nitrobenzene	9.014	77	45428	43.626	ng	97
25) Isophorone	9.542	82	80259	42.427	ng	# 94
26) 2-Nitrophenol	9.725	139	22785	43.964	ng	98
27) 2,4-Dimethylphenol	9.795	122	41510	52.440	ng	94
28) bis(2-Chloroethoxy)met...	10.018	93	43884	45.510	ng	99
29) 2,4-Dichlorophenol	10.265	162	43133	47.121	ng	96
30) 1,2,4-Trichlorobenzene	10.471	180	47728	47.820	ng	90
31) Naphthalene	10.659	128	129701	44.858	ng	98
32) Benzoic acid	9.977	122	28536	46.954	ng	90
33) 4-Chloroaniline	10.770	127	30068	27.100	ng	95
34) Hexachlorobutadiene	10.941	225	40500	47.382	ng	98
35) Caprolactam	11.552	113	14581	46.530	ng	# 84
36) 4-Chloro-3-methylphenol	11.904	107	53322	47.901	ng	93
37) 2-Methylnaphthalene	12.269	142	89977	40.540	ng	98
38) 1-Methylnaphthalene	12.269	142	89977	40.657	ng	100
40) 1,2,4,5-Tetrachloroben...	12.639	216	69550	48.352	ng	96
41) Hexachlorocyclopentadiene	12.615	237	95619	127.082	ng	94
43) 2,4,6-Trichlorophenol	12.886	196	41251	44.862	ng	96

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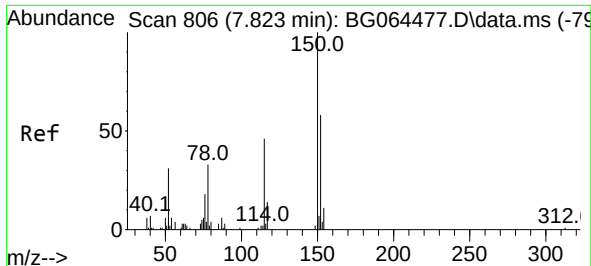
Quant Time: Oct 20 15:20:20 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.962	196	48664	47.405	ng	98
46) 1,1'-Biphenyl	13.279	154	157453	49.141	ng	99
47) 2-Chloronaphthalene	13.320	162	103546	43.284	ng	96
48) 2-Nitroaniline	13.526	65	36668	44.910	ng	98
49) Acenaphthylene	14.172	152	182191	51.304	ng	96
50) Dimethylphthalate	13.914	163	157351	45.098	ng	97
51) 2,6-Dinitrotoluene	14.025	165	35055	48.230	ng	91
52) Acenaphthene	14.513	154	109342	44.318	ng	96
53) 3-Nitroaniline	14.360	138	21818	32.549	ng	91
54) 2,4-Dinitrophenol	14.572	184	41874	79.453	ng	94
55) Dibenzofuran	14.848	168	183269	44.988	ng	99
56) 4-Nitrophenol	14.684	139	46397	87.916	ng	87
57) 2,4-Dinitrotoluene	14.819	165	52347	47.114	ng	93
58) Fluorene	15.494	166	157870	46.615	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.083	232	49925	47.653	ng	99
60) Diethylphthalate	15.271	149	171377	45.787	ng	98
61) 4-Chlorophenyl-phenyle...	15.488	204	83977	45.419	ng	98
62) 4-Nitroaniline	15.524	138	32377	46.343	ng	90
63) Azobenzene	15.782	77	133595	46.087	ng	99
65) 4,6-Dinitro-2-methylph...	15.582	198	35846	46.902	ng	95
66) n-Nitrosodiphenylamine	15.706	169	136800	46.670	ng	98
67) 4-Bromophenyl-phenylether	16.381	248	59795	46.292	ng	90
68) Hexachlorobenzene	16.499	284	69283	46.874	ng	97
69) Atrazine	16.658	200	62655	48.044	ng	96
70) Pentachlorophenol	16.852	266	83239	96.317	ng	97
71) Phenanthrene	17.233	178	261958	45.635	ng	98
72) Anthracene	17.322	178	268556	46.634	ng	97
73) Carbazole	17.598	167	233881	46.986	ng	98
74) Di-n-butylphthalate	18.156	149	278793	45.881	ng	99
75) Fluoranthene	19.243	202	312448	45.562	ng	98
77) Benzidine	19.431	184	81811	28.573	ng	99
78) Pyrene	19.607	202	319492	42.785	ng	99
80) Butylbenzylphthalate	20.500	149	121880	46.042	ng	97
81) Benzo(a)anthracene	21.399	228	337748	45.971	ng	98
82) 3,3'-Dichlorobenzidine	21.323	252	80327	32.303	ng	# 98
83) Chrysene	21.464	228	304625	43.720	ng	98
84) Bis(2-ethylhexyl)phtha...	21.323	149	172602	46.213	ng	95
85) Di-n-octyl phthalate	22.445	149	288601	45.976	ng	100
87) Indeno(1,2,3-cd)pyrene	27.768	276	397838	46.550	ng	# 90
88) Benzo(b)fluoranthene	23.467	252	333073	47.683	ng	98
89) Benzo(k)fluoranthene	23.526	252	323651	46.004	ng	97
90) Benzo(a)pyrene	24.266	252	316286	49.130	ng	100
91) Dibenzo(a,h)anthracene	27.827	278	332998	48.721	ng	# 94
92) Benzo(g,h,i)perylene	28.820	276	319167	48.053	ng	97

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

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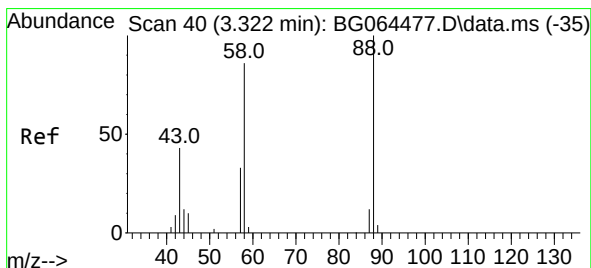
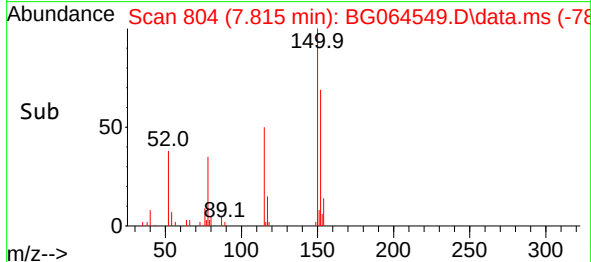
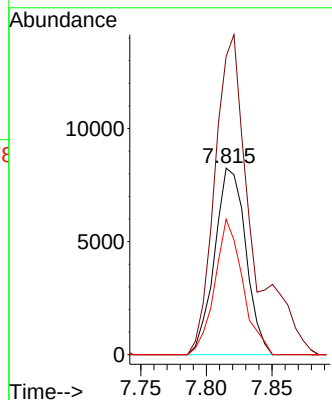
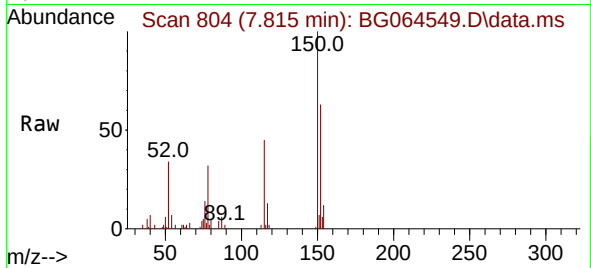




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.815 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

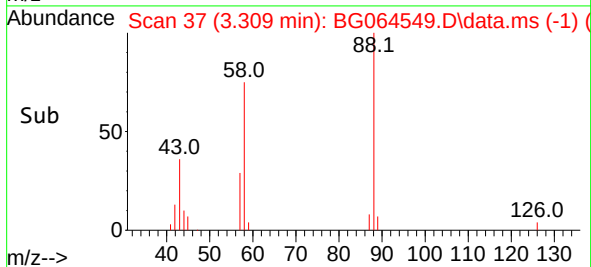
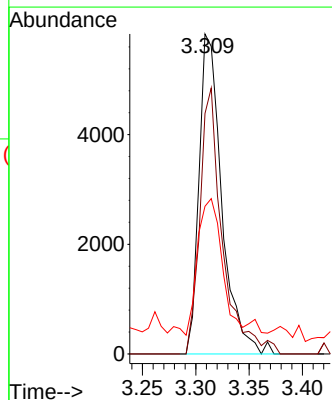
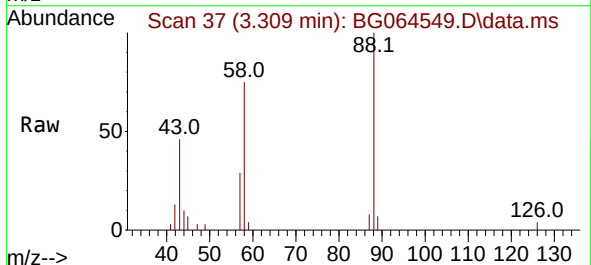
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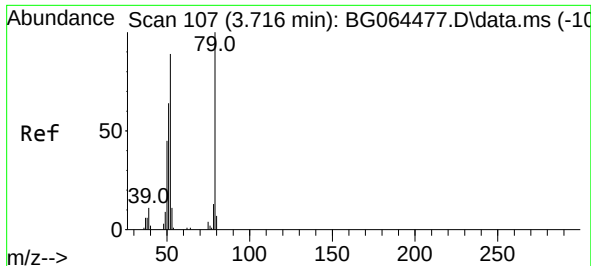
Tgt Ion:152 Resp: 13636
 Ion Ratio Lower Upper
 152 100
 150 159.7 138.6 207.8
 115 72.6 63.4 95.2



#2
 1,4-Dioxane
 Concen: 29.732 ng
 RT: 3.309 min Scan# 37
 Delta R.T. -0.011 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

Tgt Ion: 88 Resp: 8665
 Ion Ratio Lower Upper
 88 100
 58 82.1 69.8 104.6
 43 50.7 37.4 56.0

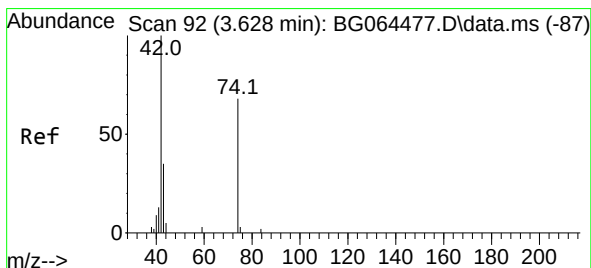
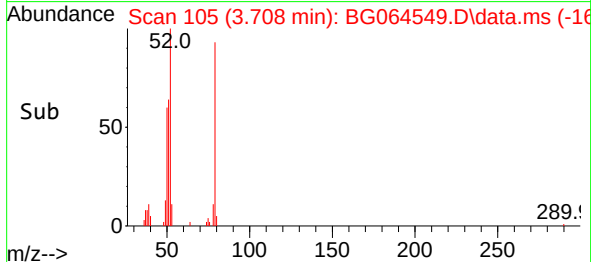
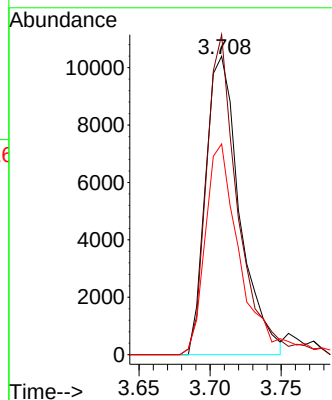
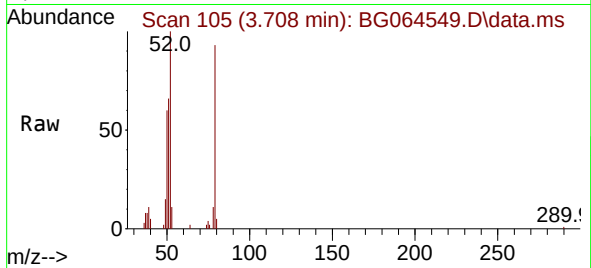




#3
Pyridine
Concen: 22.164 ng
RT: 3.708 min Scan# 10
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

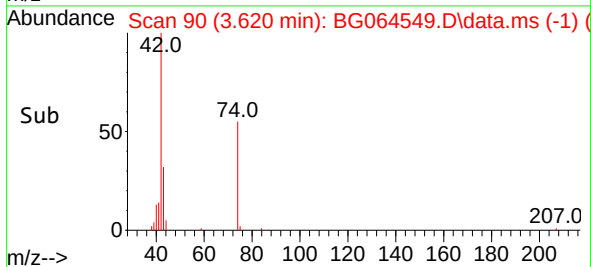
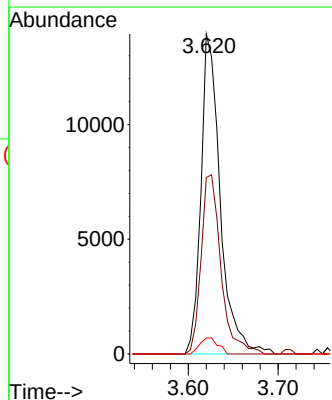
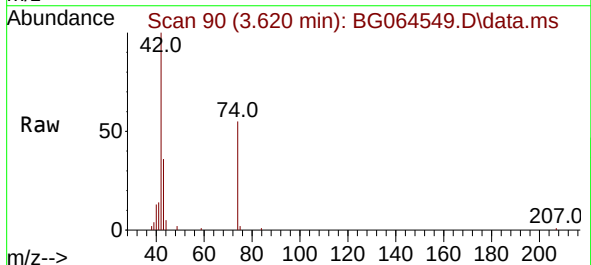
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BNA_G
ClientSampleId :
PB170165BS

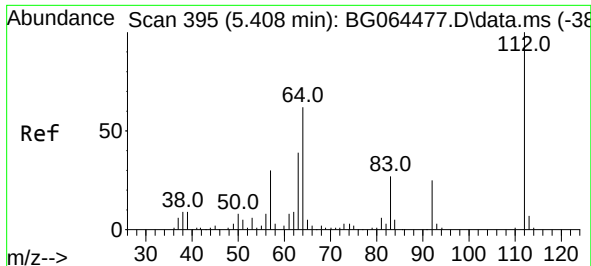
Tgt Ion: 79 Resp: 17360
Ion Ratio Lower Upper
79 100
52 107.2 71.0 106.4#
51 70.6 51.0 76.6



#4
n-Nitrosodimethylamine
Concen: 36.660 ng
RT: 3.620 min Scan# 90
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 42 Resp: 20816
Ion Ratio Lower Upper
42 100
74 55.2 54.2 81.4
44 5.0 4.2 6.2

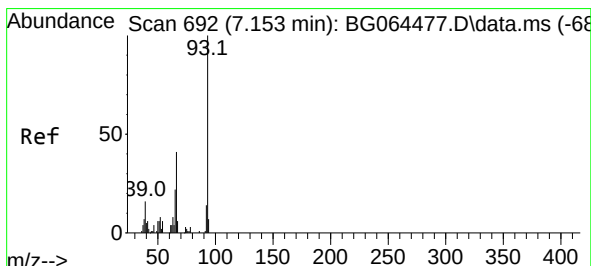
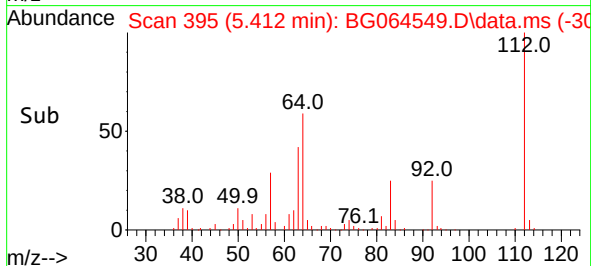
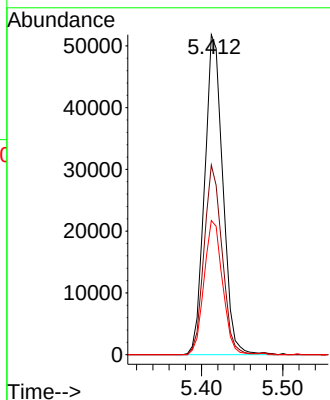
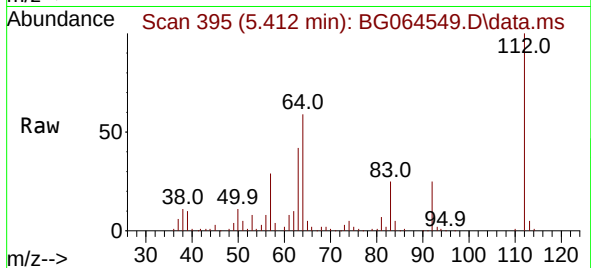




#5
2-Fluorophenol
Concen: 109.312 ng
RT: 5.412 min Scan# 395
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

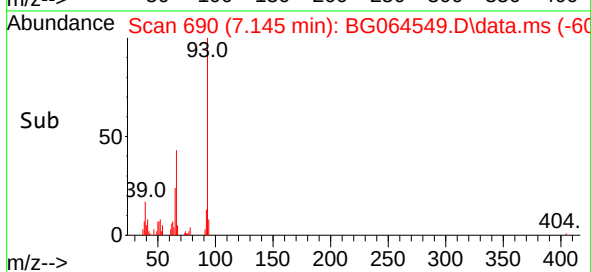
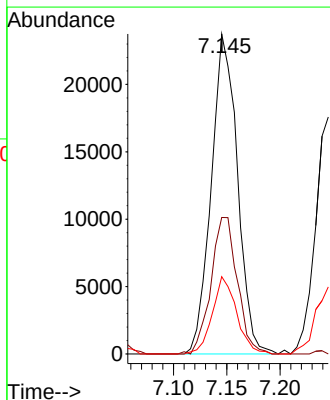
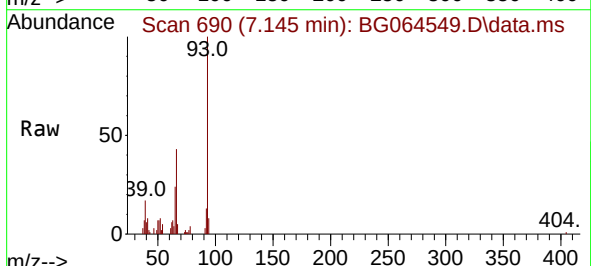
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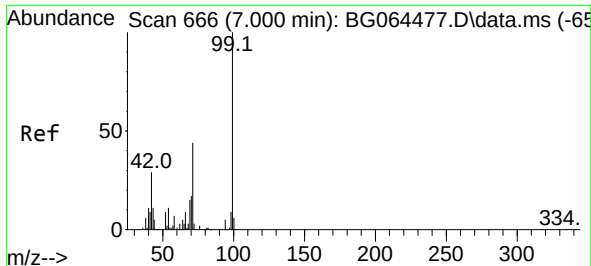
Tgt Ion:112 Resp: 80542
Ion Ratio Lower Upper
112 100
64 59.3 49.8 74.8
63 41.9 31.3 46.9



#6
Aniline
Concen: 32.424 ng
RT: 7.145 min Scan# 690
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 93 Resp: 40496
Ion Ratio Lower Upper
93 100
66 42.7 33.0 49.4
65 24.2 17.5 26.3

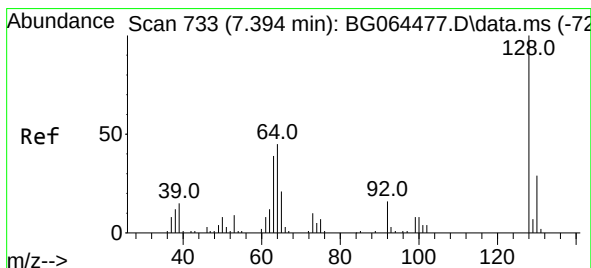
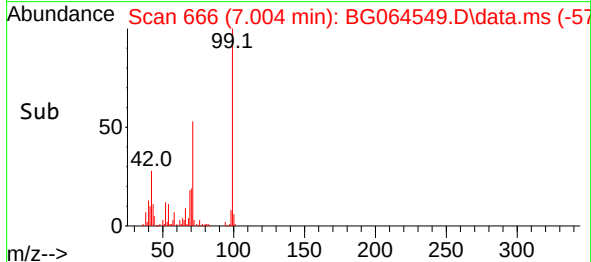
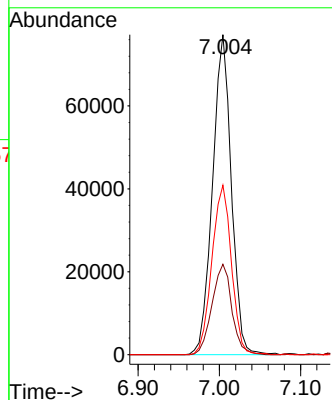
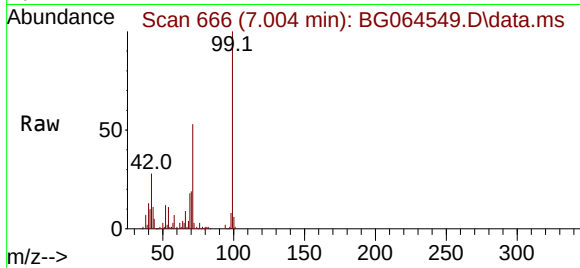




#7
Phenol-d6
Concen: 125.308 ng
RT: 7.004 min Scan# 60
Delta R.T. 0.018 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

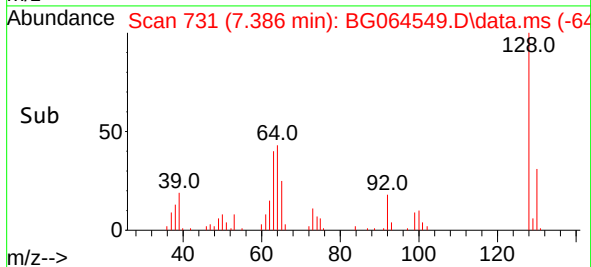
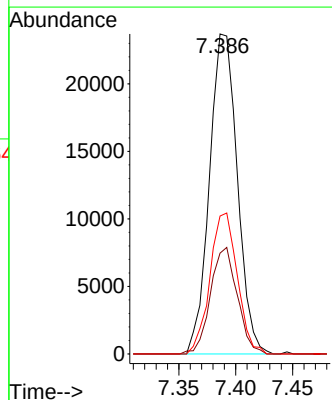
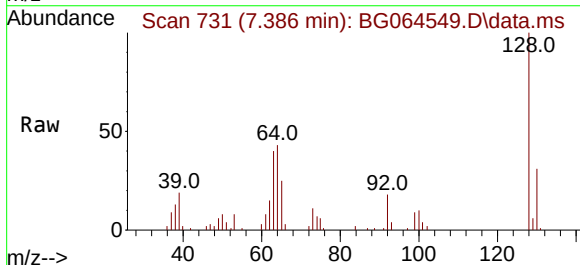
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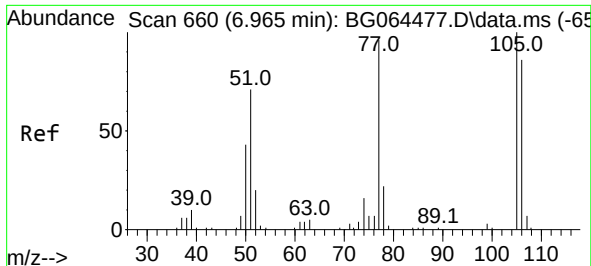
Tgt Ion: 99 Resp: 124074
Ion Ratio Lower Upper
99 100
42 28.2 22.9 34.3
71 53.0 35.4 53.2



#8
2-Chlorophenol
Concen: 44.701 ng
RT: 7.386 min Scan# 731
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:128 Resp: 40444
Ion Ratio Lower Upper
128 100
130 31.5 9.2 49.2
64 43.1 25.5 65.5

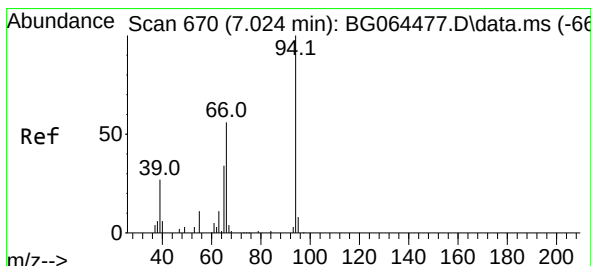
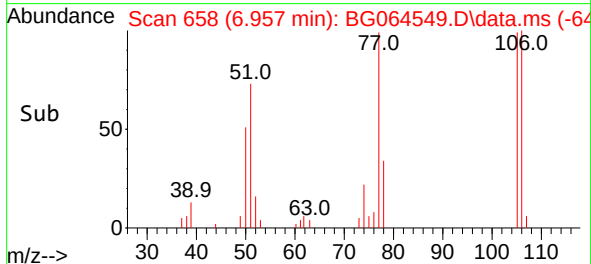
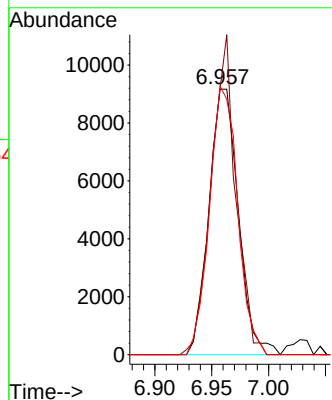
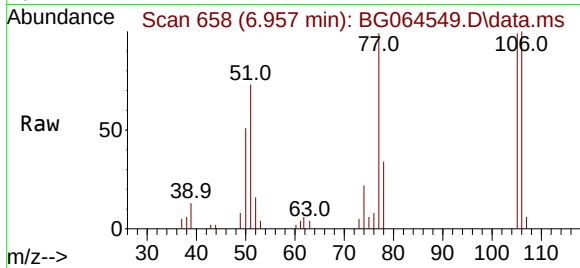




#9
Benzaldehyde
Concen: 18.806 ng
RT: 6.957 min Scan# 610
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

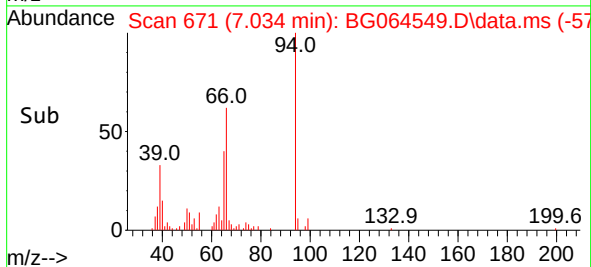
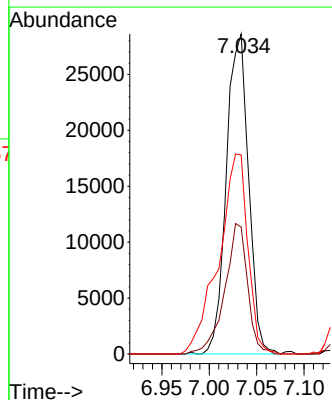
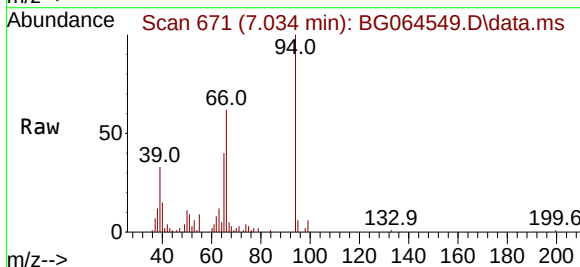
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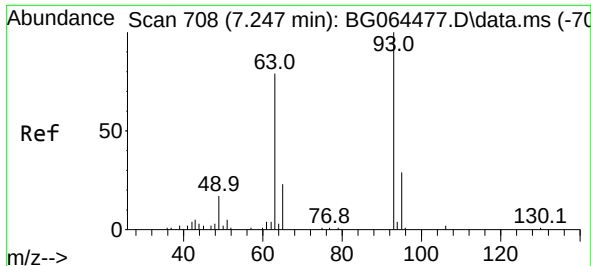
Tgt Ion:	77	Resp:	16529
Ion	Ratio	Lower	Upper
77	100		
105	99.9	83.7	123.7
106	101.1	69.4	109.4



#10
Phenol
Concen: 44.664 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.018 min
Lab File: BG064549.D
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Tgt Ion:	94	Resp:	46653
Ion	Ratio	Lower	Upper
94	100		
65	39.7	14.8	54.8
66	62.2	41.4	81.4

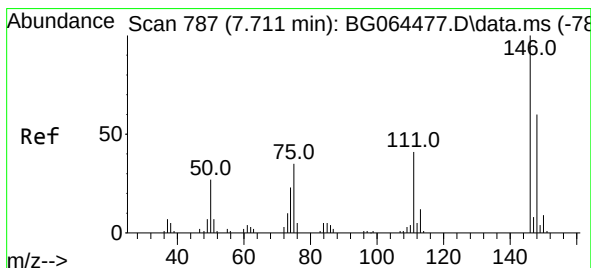
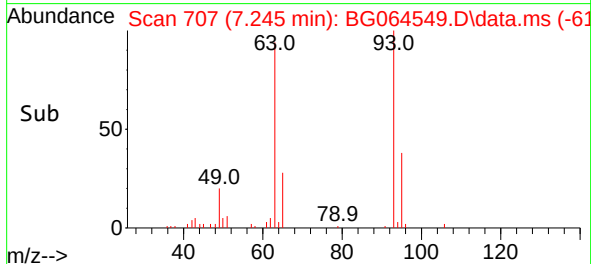
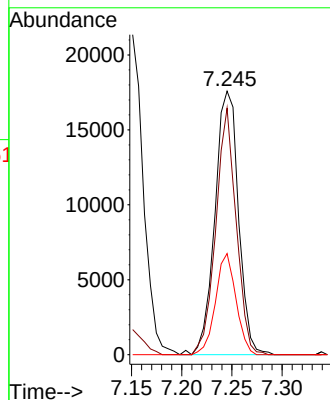
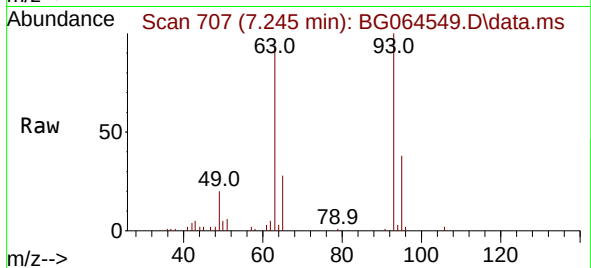




#11
bis(2-Chloroethyl)ether
Concen: 40.572 ng
RT: 7.245 min Scan# 708
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

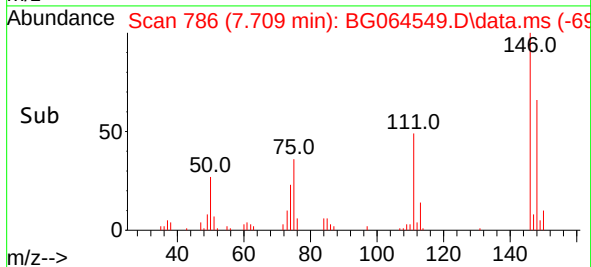
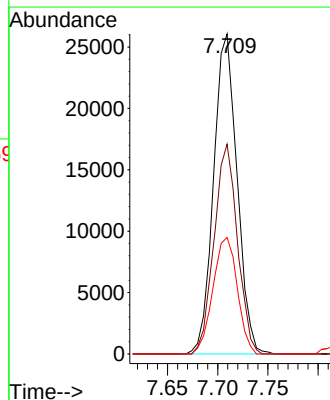
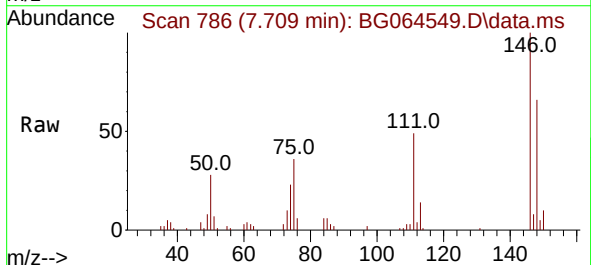
Instrument :
BNA_G
ClientSampleId :
PB170165BS

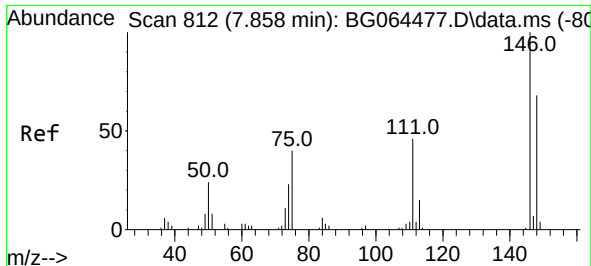
Tgt Ion: 93 Resp: 28699
Ion Ratio Lower Upper
93 100
63 93.6 59.5 99.5
95 38.4 8.8 48.8



#12
1,3-Dichlorobenzene
Concen: 42.802 ng
RT: 7.709 min Scan# 786
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:146 Resp: 42363
Ion Ratio Lower Upper
146 100
148 65.6 48.4 72.6
75 36.4 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 42.852 ng

RT: 7.850 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

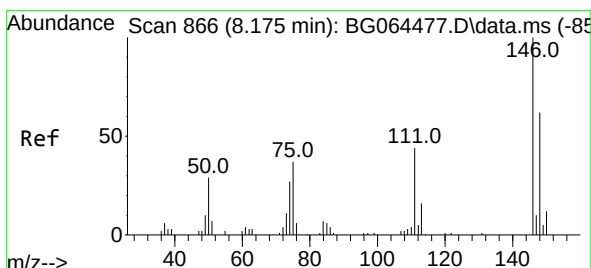
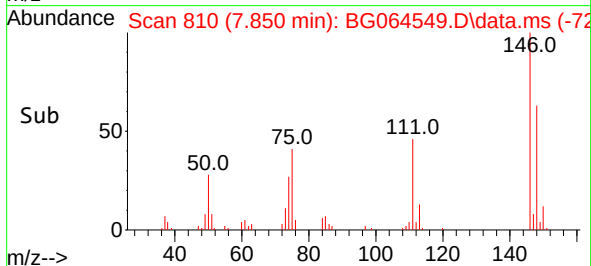
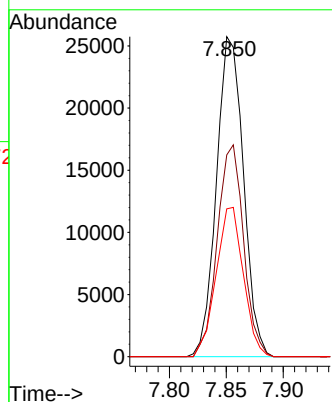
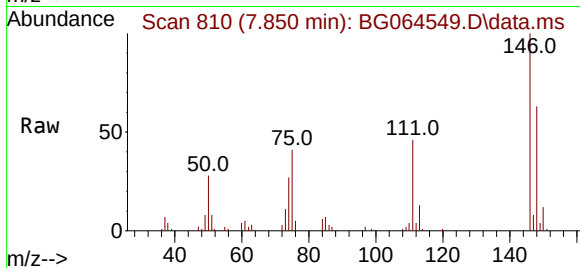
Tgt Ion:146 Resp: 42566

Ion Ratio Lower Upper

146 100

148 63.0 54.4 81.6

111 46.2 36.5 54.7



#14

1,2-Dichlorobenzene

Concen: 44.295 ng

RT: 8.168 min Scan# 864

Delta R.T. -0.005 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

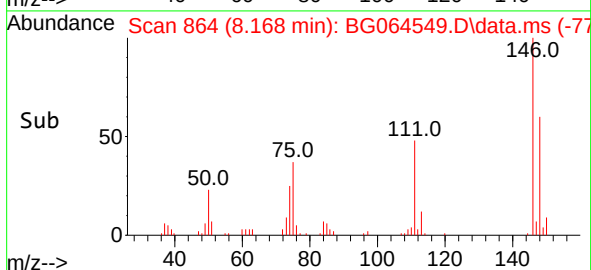
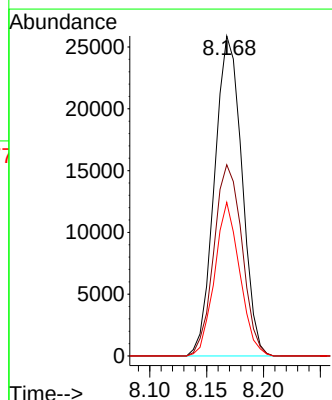
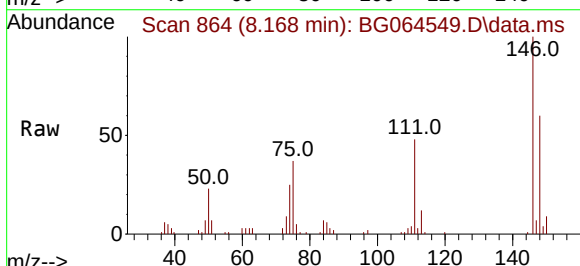
Tgt Ion:146 Resp: 43365

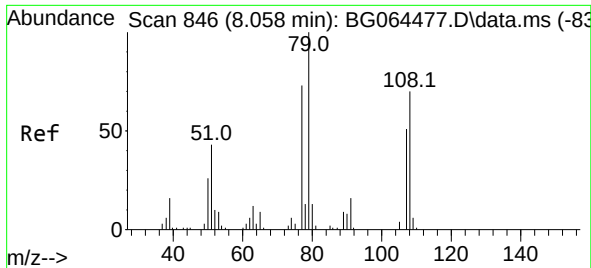
Ion Ratio Lower Upper

146 100

148 59.7 50.0 75.0

111 48.0 35.0 52.4

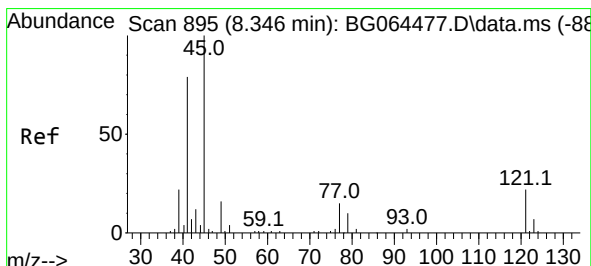
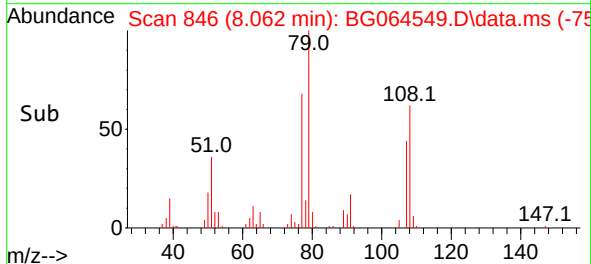
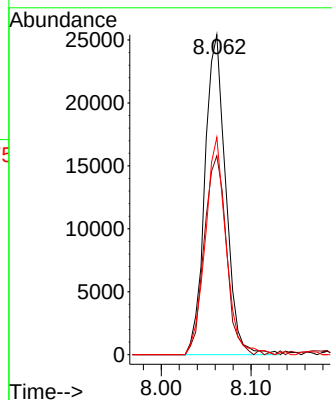
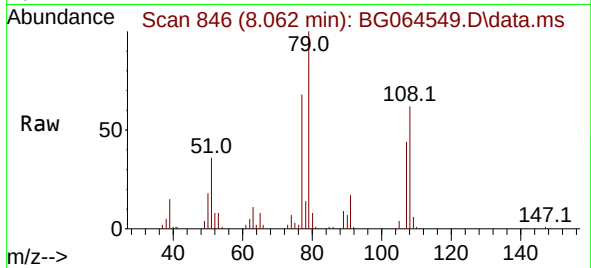




#15
Benzyl Alcohol
Concen: 44.919 ng
RT: 8.062 min Scan# 846
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

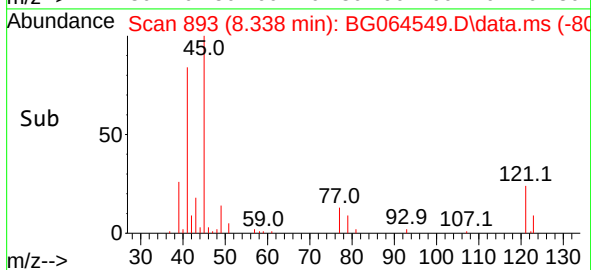
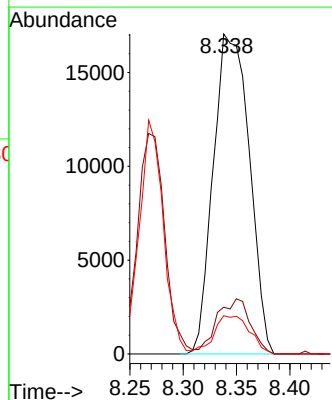
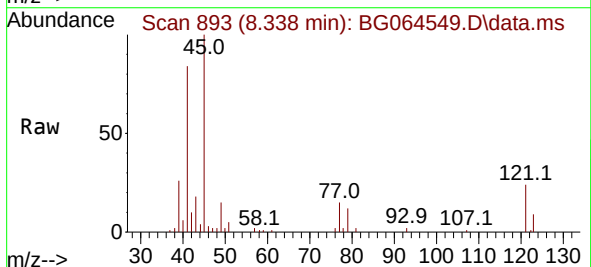
Instrument :
BNA_G
ClientSampleId :
PB170165BS

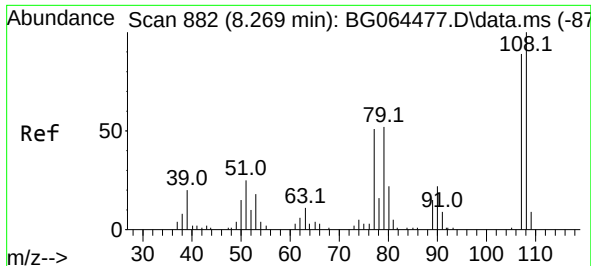
Tgt Ion: 79 Resp: 40960
Ion Ratio Lower Upper
79 100
108 62.2 56.4 84.6
77 67.9 58.3 87.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.184 ng
RT: 8.338 min Scan# 893
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion: 45 Resp: 40117
Ion Ratio Lower Upper
45 100
77 14.6 0.0 35.6
79 12.0 0.0 30.7

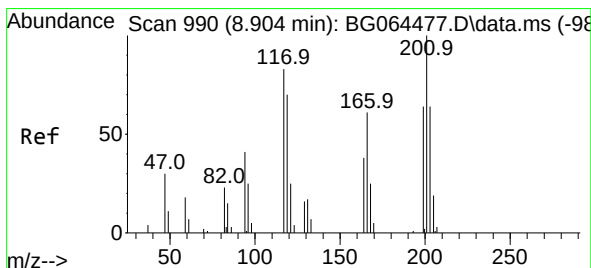
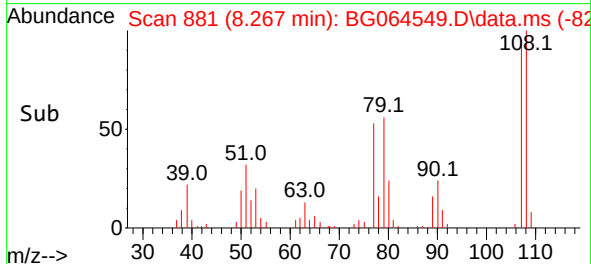
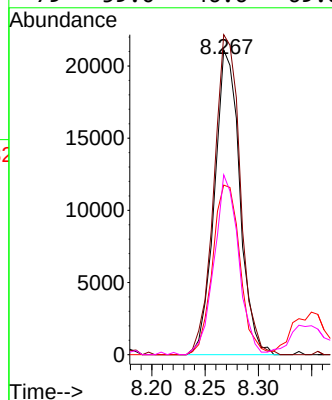
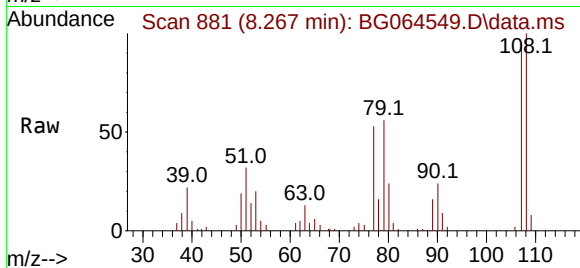




#17
2-Methylphenol
Concen: 45.837 ng
RT: 8.267 min Scan# 81
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

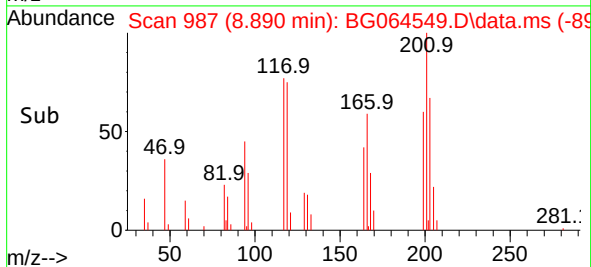
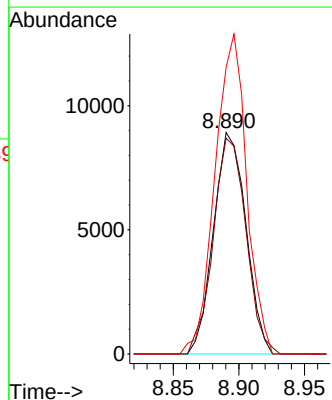
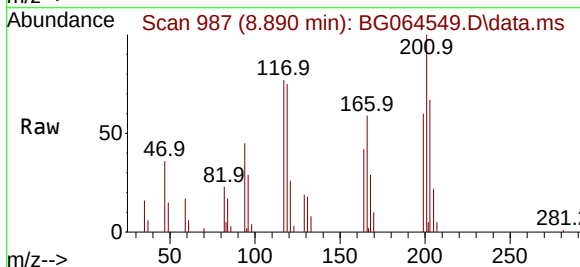
Instrument :
BNA_G
ClientSampleId :
PB170165BS

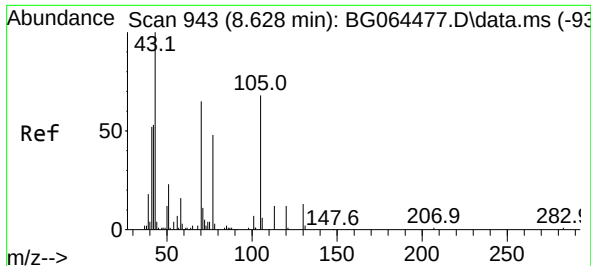
Tgt Ion:	107	Resp:	34669
Ion	Ratio	Lower	Upper
107	100		
108	105.0	90.3	135.5
77	55.7	46.0	69.0
79	59.0	46.6	69.8



#18
Hexachloroethane
Concen: 39.124 ng
RT: 8.890 min Scan# 987
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:	117	Resp:	15340
Ion	Ratio	Lower	Upper
117	100		
119	97.5	67.4	101.0
201	129.3	95.9	143.9

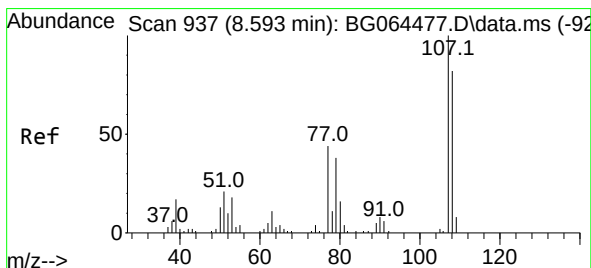
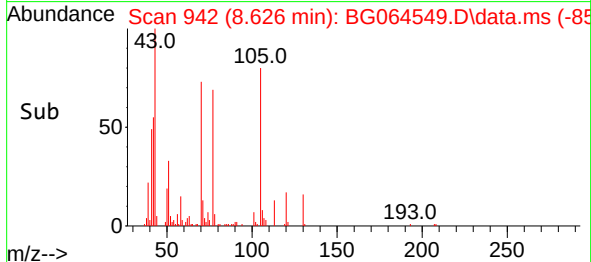
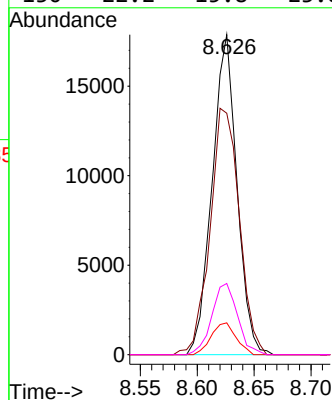
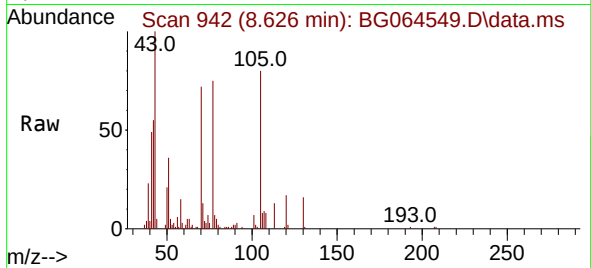




#19
n-Nitroso-di-n-propylamine
Concen: 40.962 ng
RT: 8.626 min Scan# 943
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

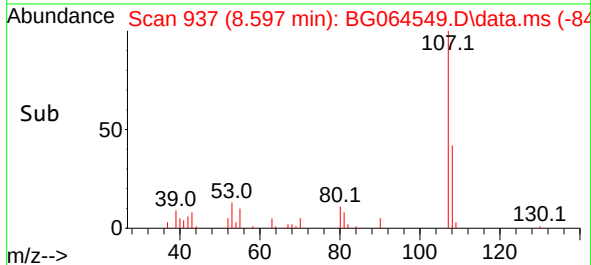
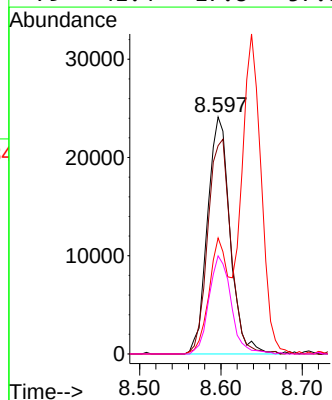
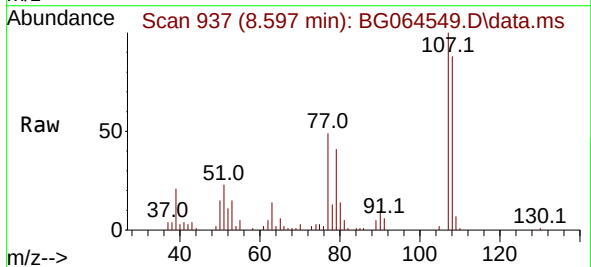
Instrument :
BNA_G
ClientSampleId :
PB170165BS

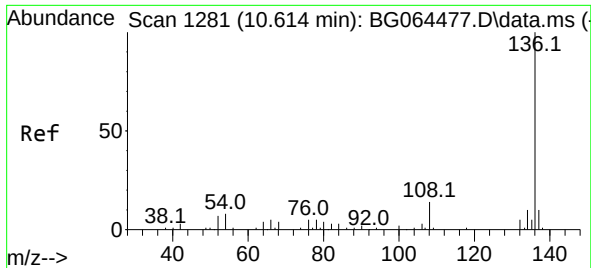
Tgt Ion:	70	Resp:	27125
Ion	Ratio	Lower	Upper
70	100		
42	75.5	64.9	97.3
101	10.0	8.7	13.1
130	22.2	15.8	23.8



#20
3+4-Methylphenols
Concen: 44.156 ng
RT: 8.597 min Scan# 937
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:	107	Resp:	46606
Ion	Ratio	Lower	Upper
107	100		
108	87.9	62.1	102.1
77	49.0	23.5	63.5
79	41.4	17.8	57.8

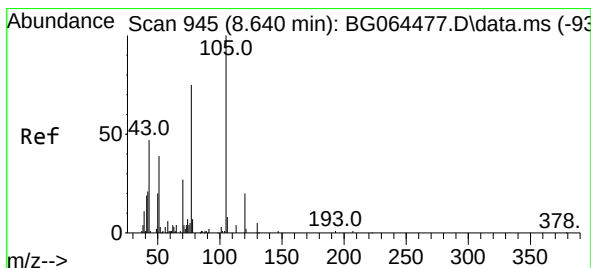
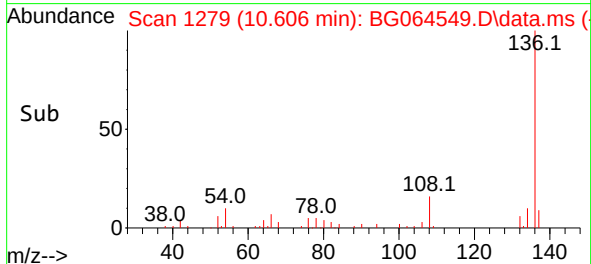
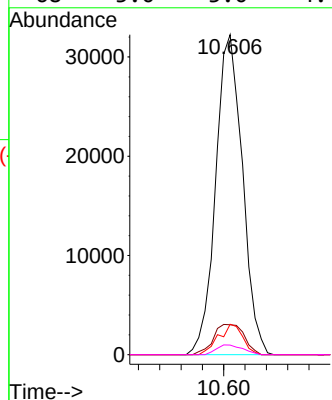
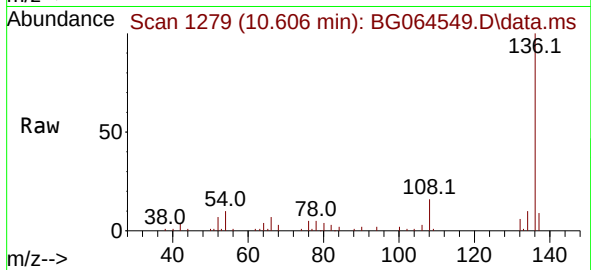




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.606 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

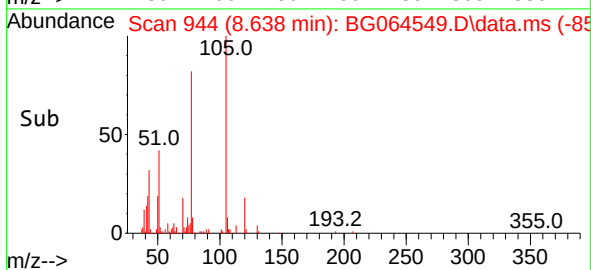
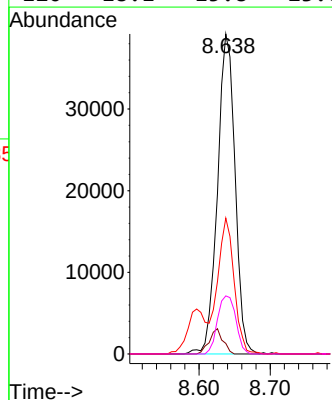
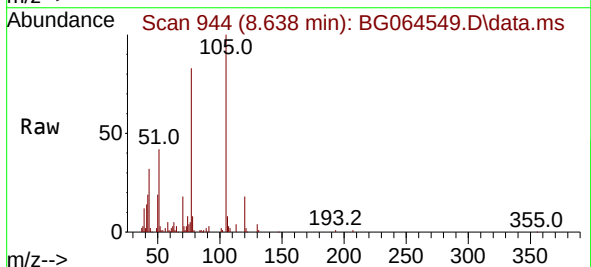
Instrument :
BNA_G
ClientSampleId :
PB170165BS

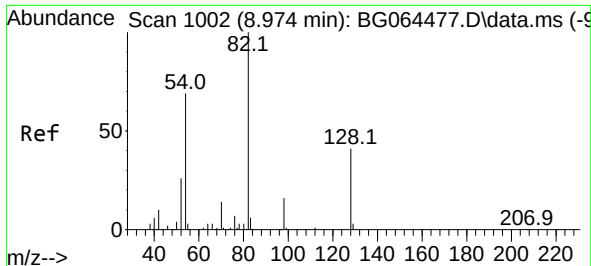
Tgt Ion:136	Resp:	56148
Ion Ratio	Lower	Upper
136	100	
137	9.3	8.3 12.5
54	9.5	6.2 9.4#
68	3.0	3.0 4.4



#22
Acetophenone
Concen: 49.378 ng
RT: 8.638 min Scan# 944
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:105	Resp:	67129
Ion Ratio	Lower	Upper
105	100	
71	3.3	2.8 4.2
51	42.4	33.0 49.4
120	18.1	15.8 23.6

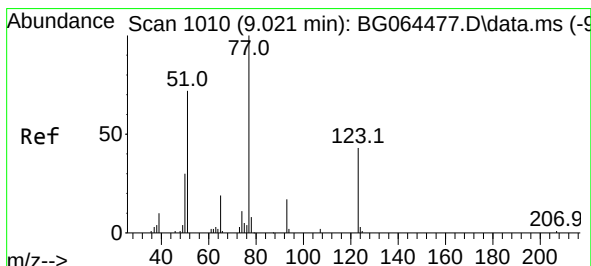
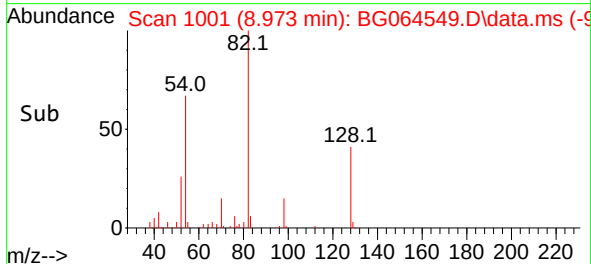
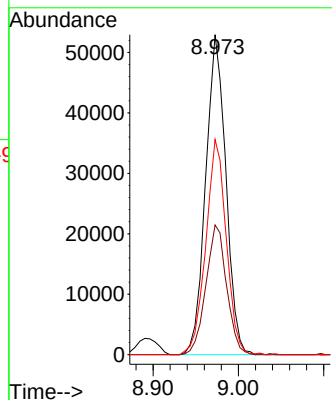
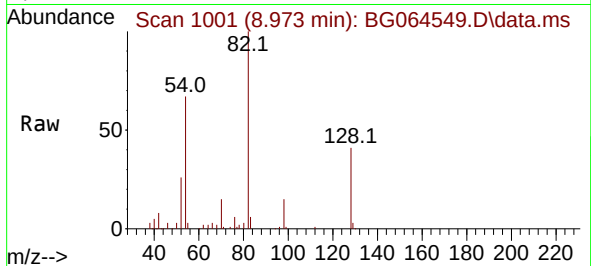




#23
 Nitrobenzene-d5
 Concen: 83.526 ng
 RT: 8.973 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

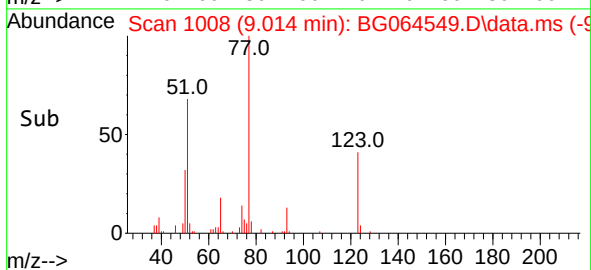
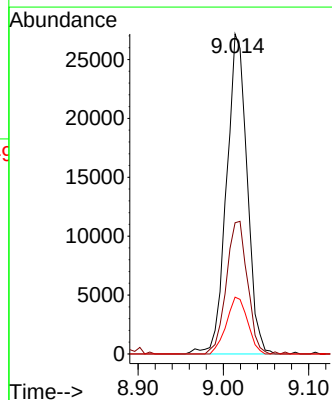
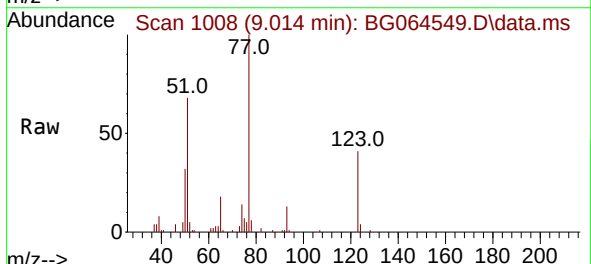
Instrument :
 BNA_G
 ClientSampleId :
 PB170165BS

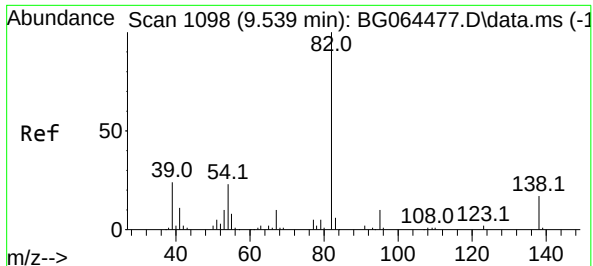
Tgt Ion: 82 Resp: 87220
 Ion Ratio Lower Upper
 82 100
 128 40.5 33.1 49.7
 54 67.2 55.4 83.2



#24
 Nitrobenzene
 Concen: 43.626 ng
 RT: 9.014 min Scan# 1008
 Delta R.T. 0.000 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

Tgt Ion: 77 Resp: 45428
 Ion Ratio Lower Upper
 77 100
 123 41.0 34.4 51.6
 65 17.7 14.8 22.2

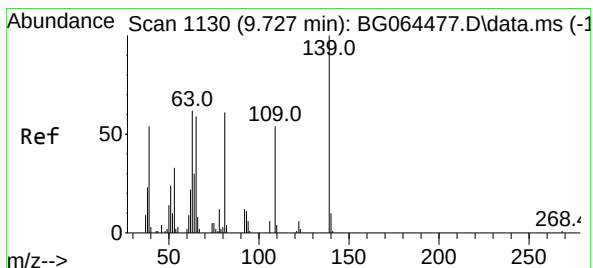
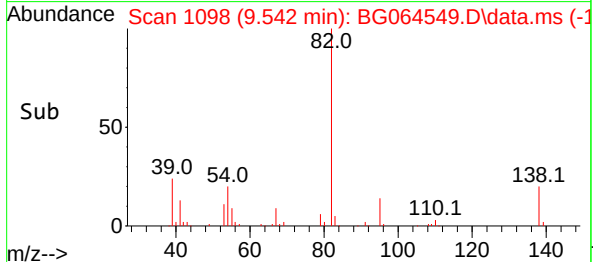
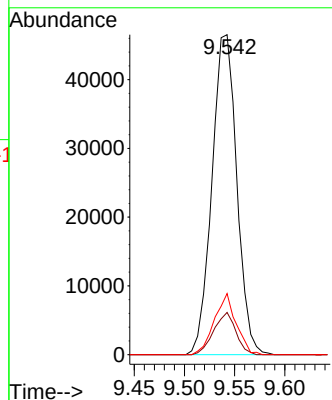
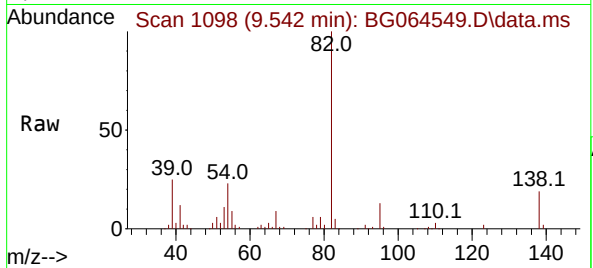




#25
Isophorone
Concen: 42.427 ng
RT: 9.542 min Scan# 1109
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

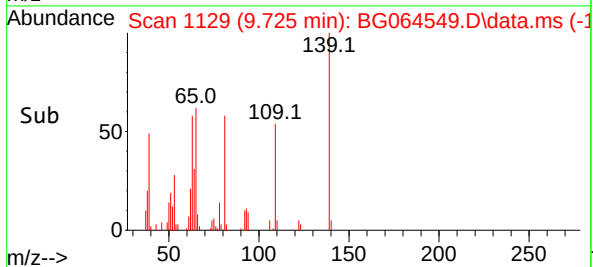
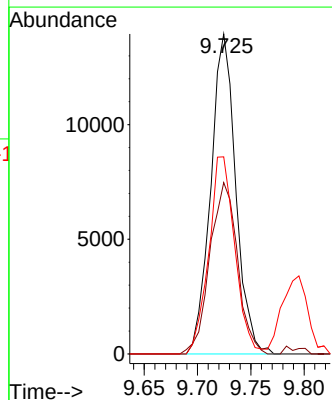
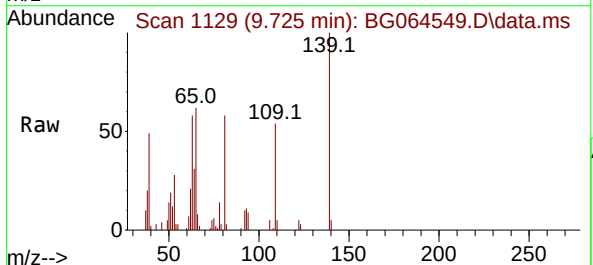
Instrument :
BNA_G
ClientSampleId :
PB170165BS

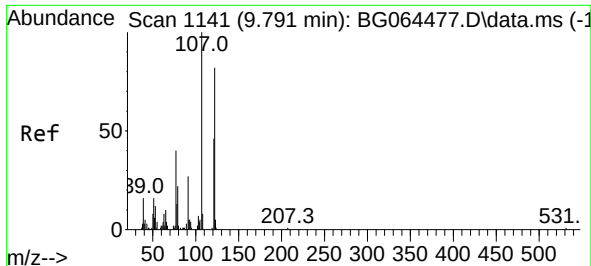
Tgt Ion: 82 Resp: 80259
Ion Ratio Lower Upper
82 100
95 13.2 7.8 11.8#
138 19.1 13.8 20.6



#26
2-Nitrophenol
Concen: 43.964 ng
RT: 9.725 min Scan# 1129
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:139 Resp: 22785
Ion Ratio Lower Upper
139 100
109 53.6 43.0 64.6
65 61.6 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 52.440 ng

RT: 9.795 min Scan# 1141

Delta R.T. 0.012 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

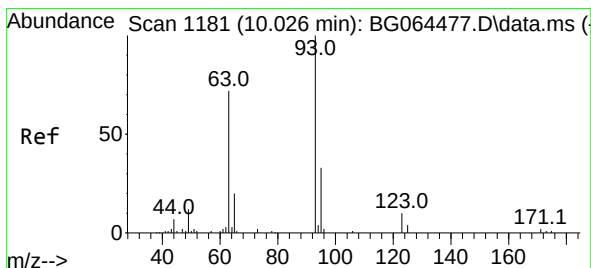
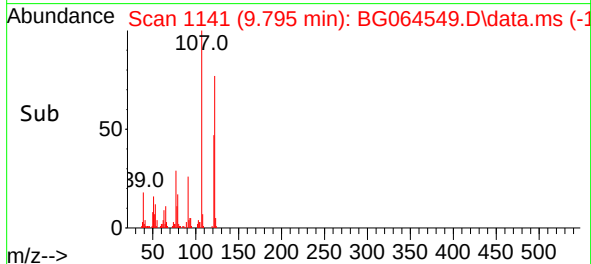
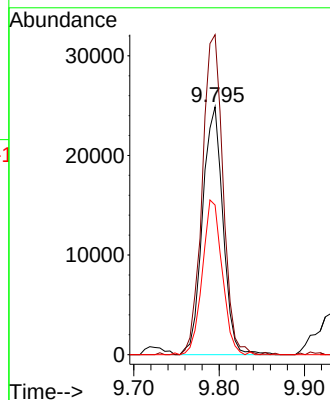
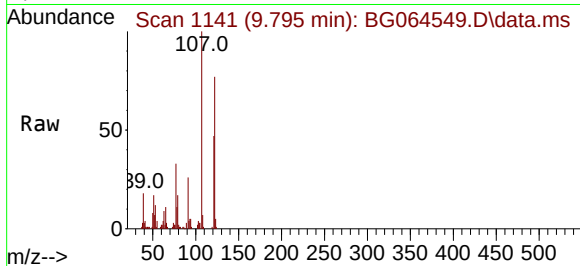
Tgt Ion:122 Resp: 41510

Ion Ratio Lower Upper

122 100

107 129.1 98.3 147.5

121 60.4 44.7 67.1



#28

bis(2-Chloroethoxy)methane

Concen: 45.510 ng

RT: 10.018 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

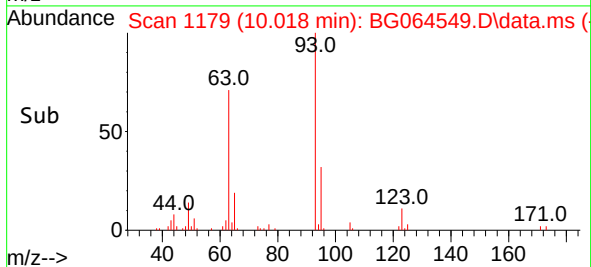
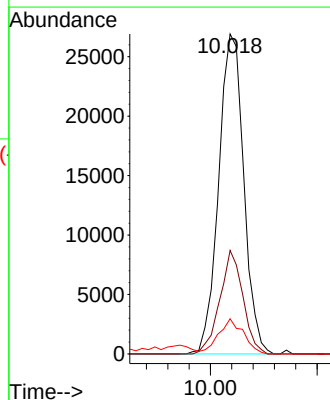
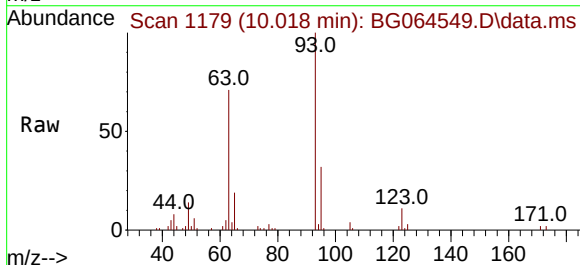
Tgt Ion: 93 Resp: 43884

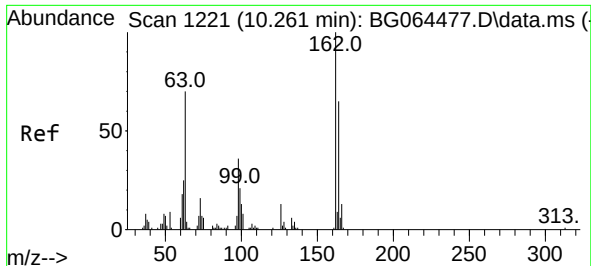
Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

123 11.0 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 47.121 ng

RT: 10.265 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

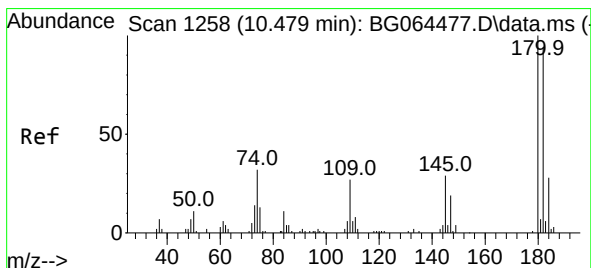
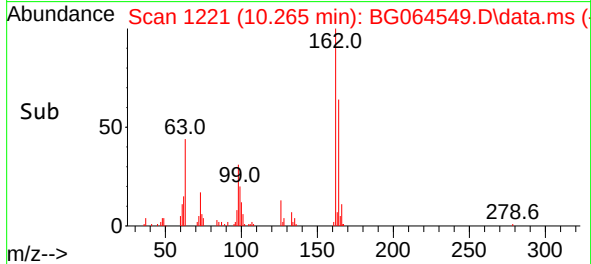
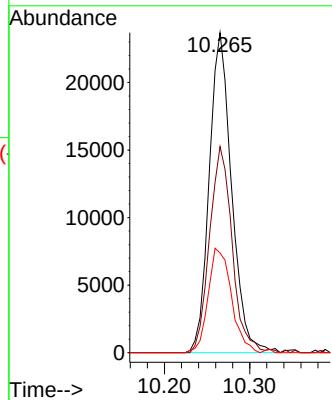
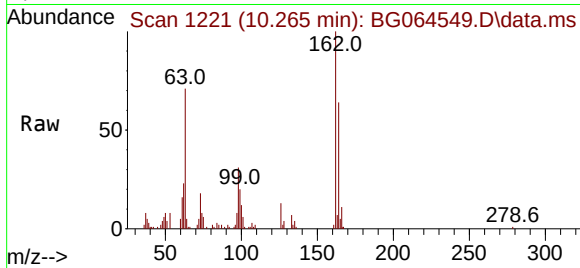
Tgt Ion:162 Resp: 43133

Ion Ratio Lower Upper

162 100

164 64.4 45.4 85.4

98 31.2 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 47.820 ng

RT: 10.471 min Scan# 1256

Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

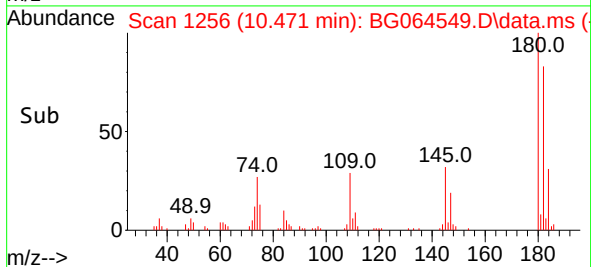
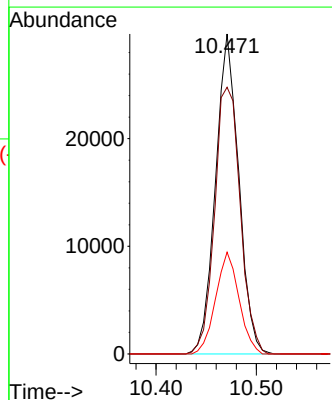
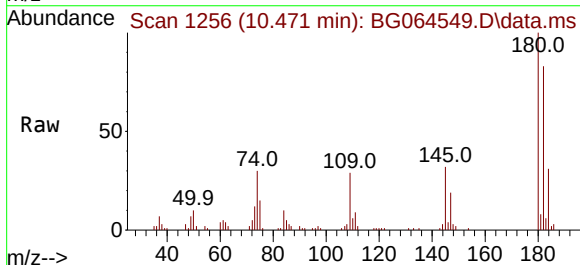
Tgt Ion:180 Resp: 47728

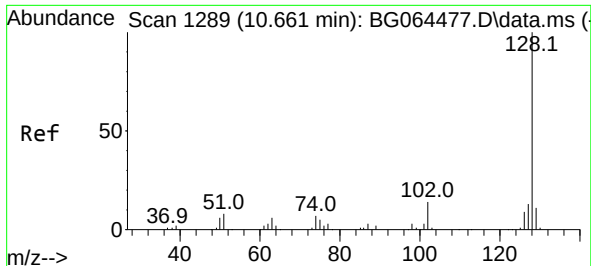
Ion Ratio Lower Upper

180 100

182 83.3 75.4 113.2

145 31.8 23.2 34.8

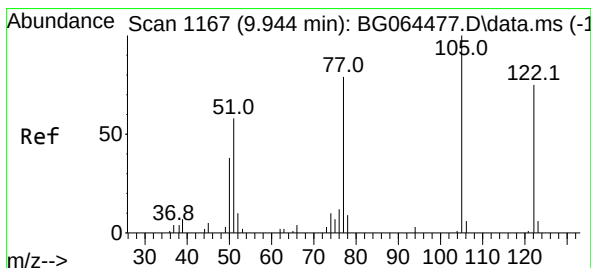
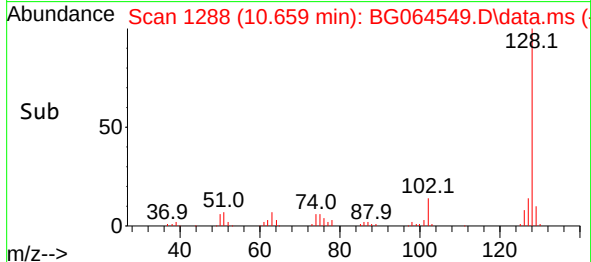
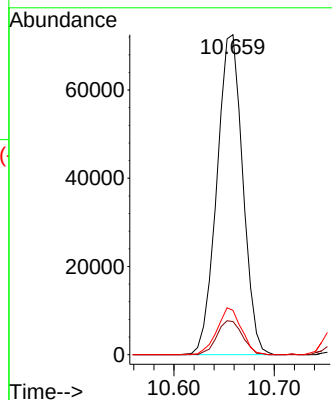
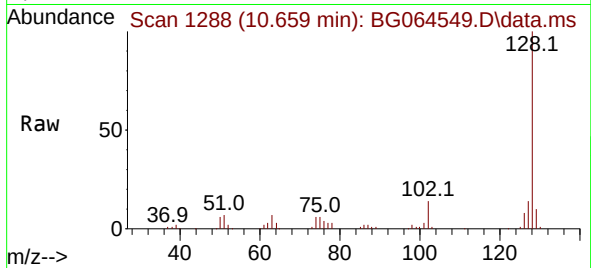




#31
Naphthalene
Concen: 44.858 ng
RT: 10.659 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

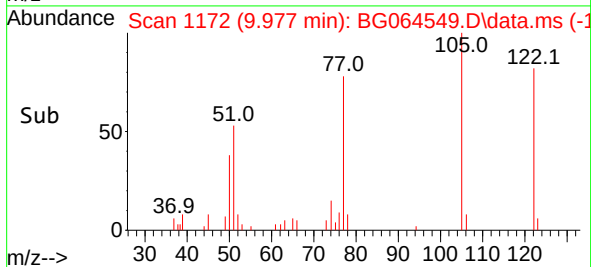
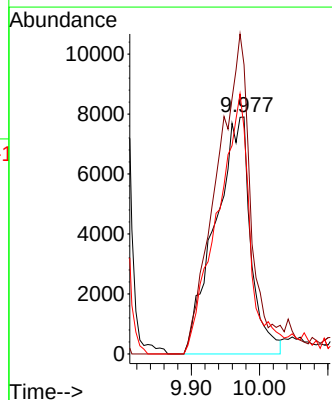
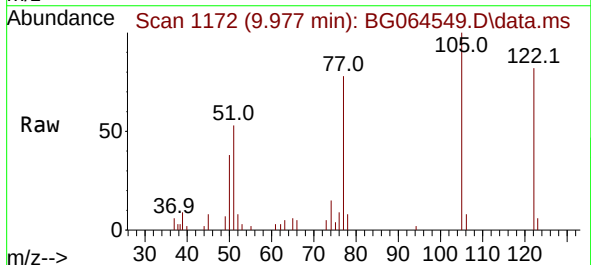
Instrument :
BNA_G
ClientSampleId :
PB170165BS

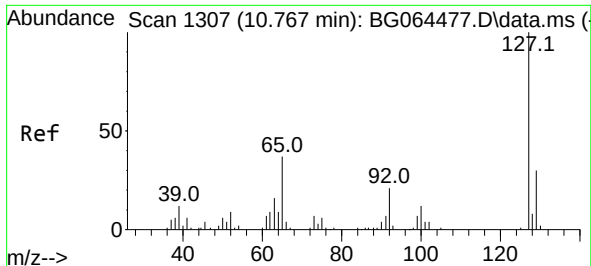
Tgt Ion:128 Resp: 129701
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 13.8 10.2 15.2



#32
Benzoic acid
Concen: 46.954 ng
RT: 9.977 min Scan# 1172
Delta R.T. 0.089 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

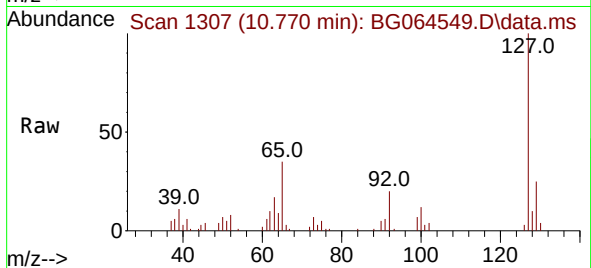
Tgt Ion:122 Resp: 28536
Ion Ratio Lower Upper
122 100
105 122.0 113.9 153.9
77 95.1 86.1 126.1



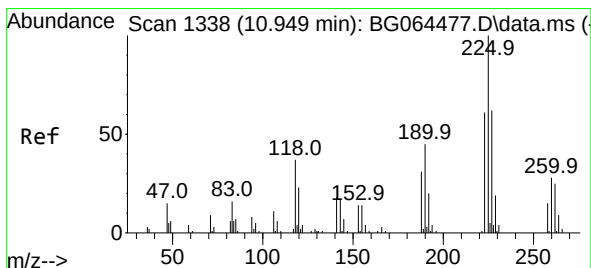
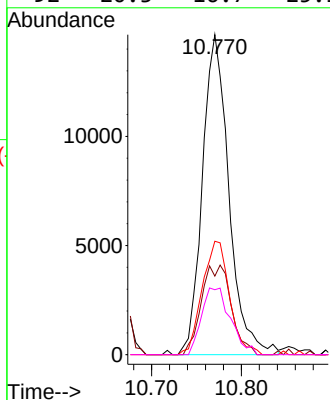
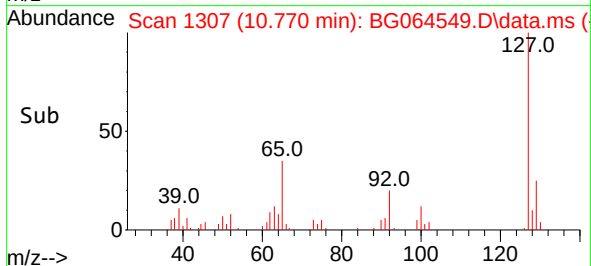


#33
4-Chloroaniline
Concen: 27.100 ng
RT: 10.770 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

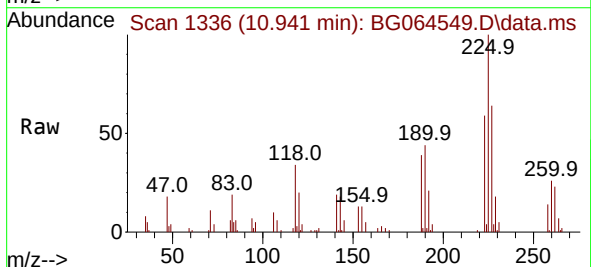
Instrument :
BNA_G
ClientSampleId :
PB170165BS



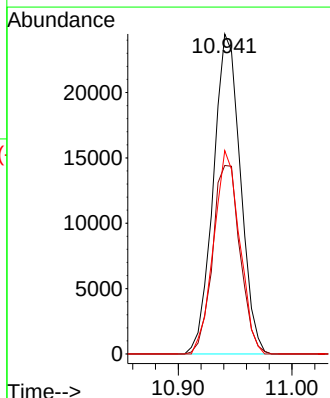
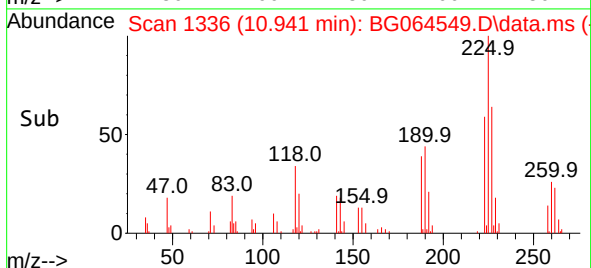
Tgt Ion:	127	Resp:	30068
Ion	Ratio	Lower	Upper
127	100		
129	24.5	24.2	36.4
65	35.4	29.6	44.4
92	20.3	16.7	25.1

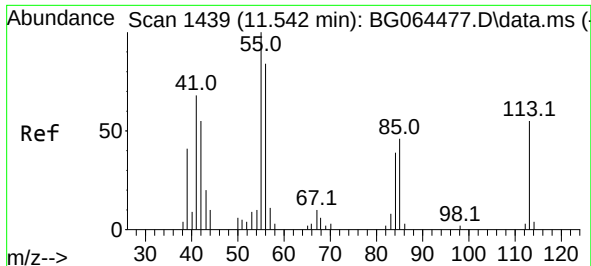


#34
Hexachlorobutadiene
Concen: 47.382 ng
RT: 10.941 min Scan# 1336
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25



Tgt Ion:	225	Resp:	40500
Ion	Ratio	Lower	Upper
225	100		
223	58.9	49.0	73.6
227	63.6	49.9	74.9

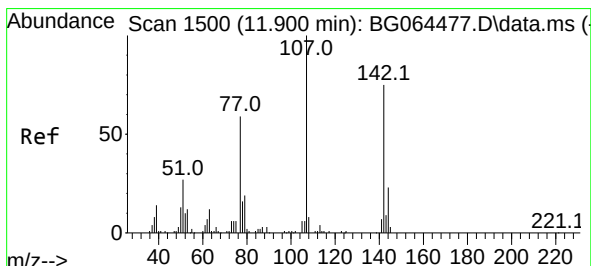
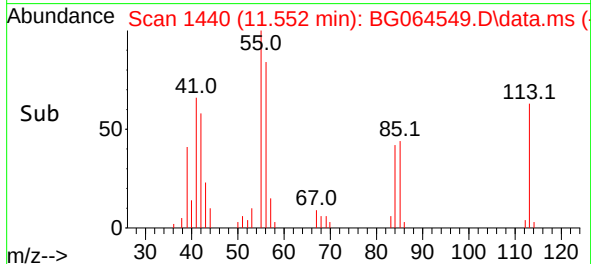
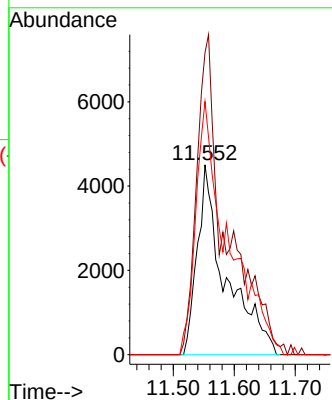
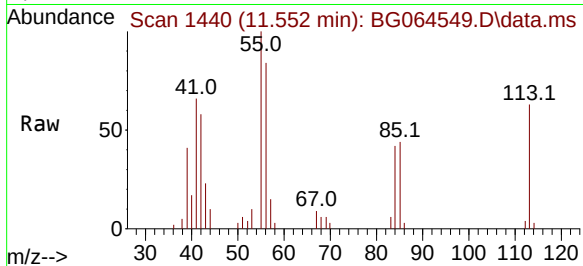




#35
 Caprolactam
 Concen: 46.530 ng
 RT: 11.552 min Scan# 1439
 Delta R.T. 0.042 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

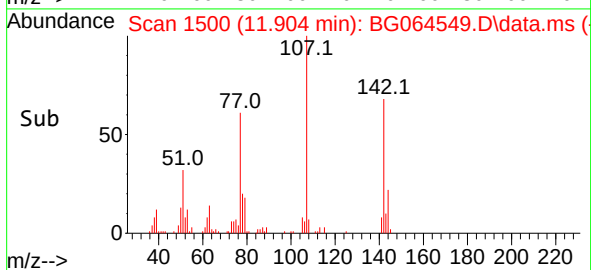
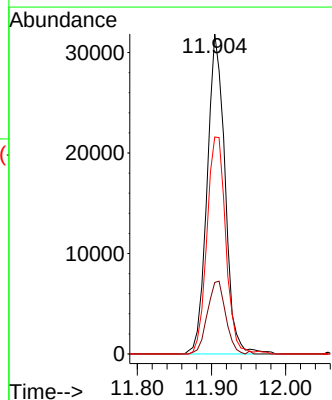
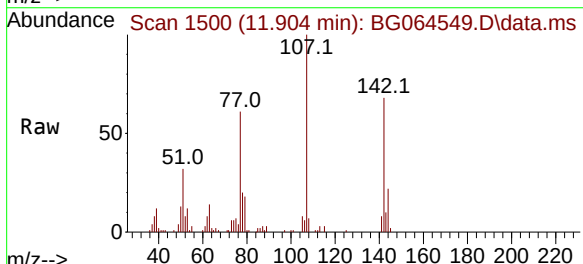
Instrument :
 BNA_G
 ClientSampleId :
 PB170165BS

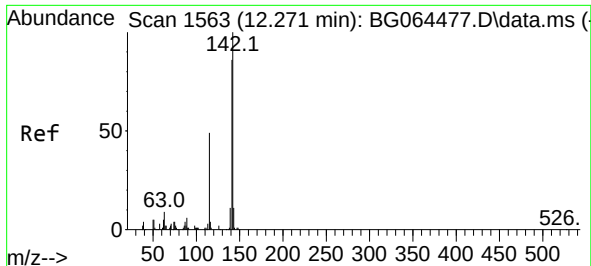
Tgt Ion:113 Resp: 14581
 Ion Ratio Lower Upper
 113 100
 55 159.0 162.0 202.0#
 56 133.3 134.6 174.6#



#36
 4-Chloro-3-methylphenol
 Concen: 47.901 ng
 RT: 11.904 min Scan# 1500
 Delta R.T. 0.012 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

Tgt Ion:107 Resp: 53322
 Ion Ratio Lower Upper
 107 100
 144 22.4 18.7 28.1
 142 67.8 60.2 90.2

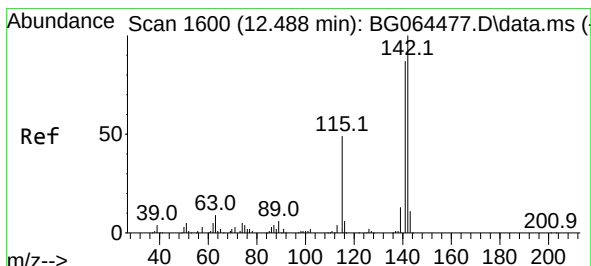
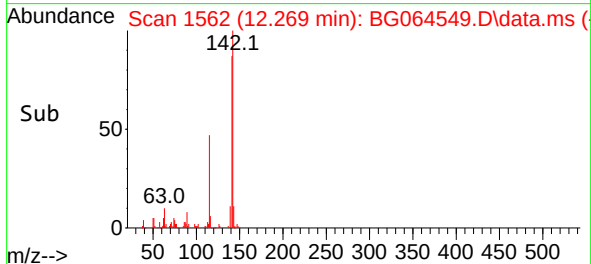
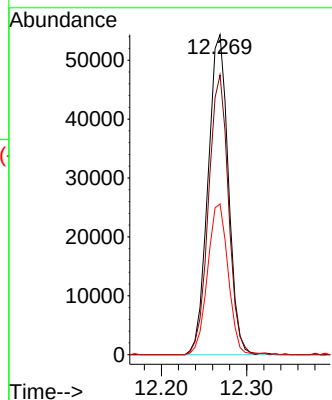
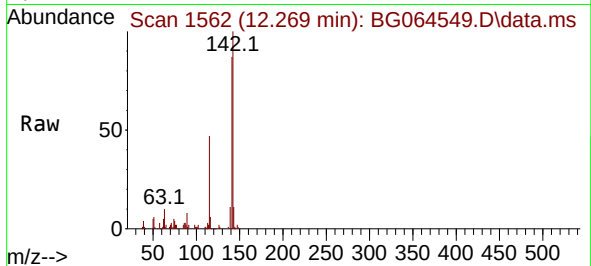




#37
2-Methylnaphthalene
Concen: 40.540 ng
RT: 12.269 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

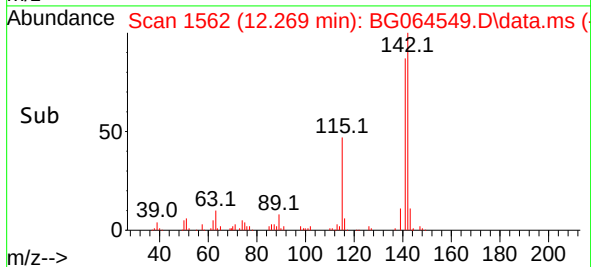
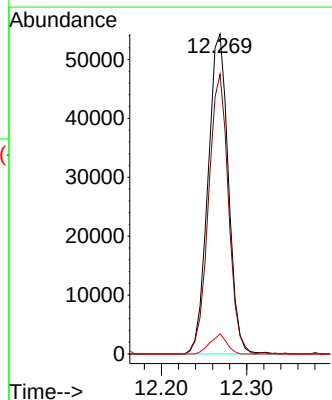
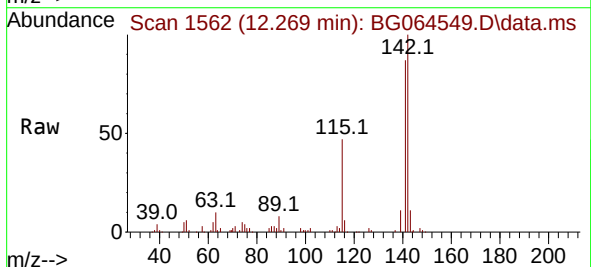
Instrument :
BNA_G
ClientSampleId :
PB170165BS

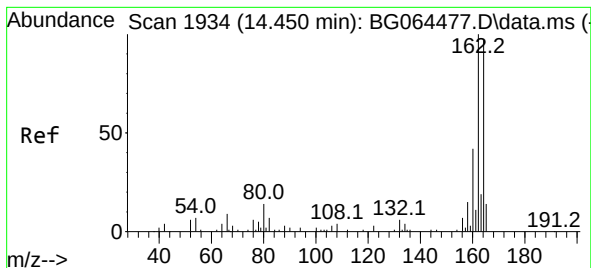
Tgt Ion:142 Resp: 89977
Ion Ratio Lower Upper
142 100
141 87.4 68.7 103.1
115 47.1 39.3 58.9



#38
1-Methylnaphthalene
Concen: 40.657 ng
RT: 12.269 min Scan# 1562
Delta R.T. -0.217 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:142 Resp: 89977
Ion Ratio Lower Upper
142 100
141 87.4 69.8 104.8
116 6.3 4.6 6.8

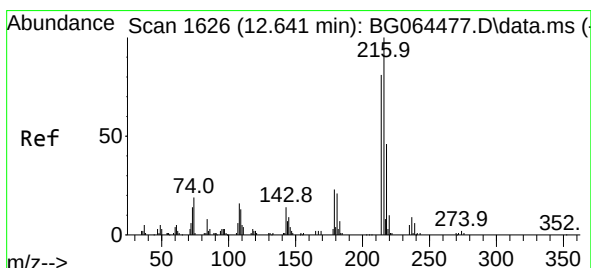
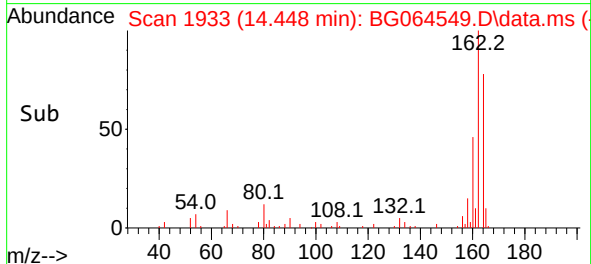
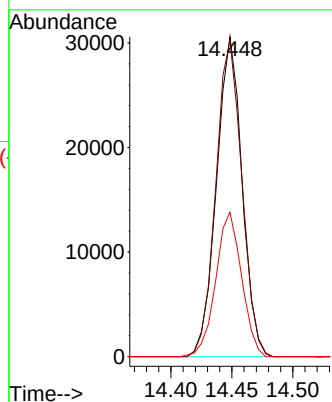
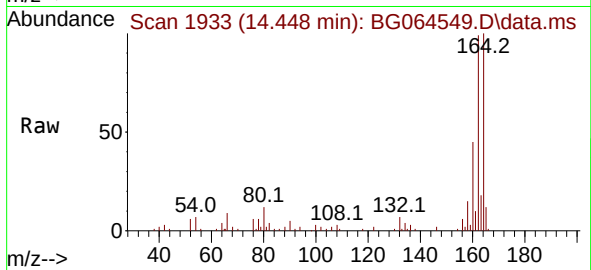




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.448 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

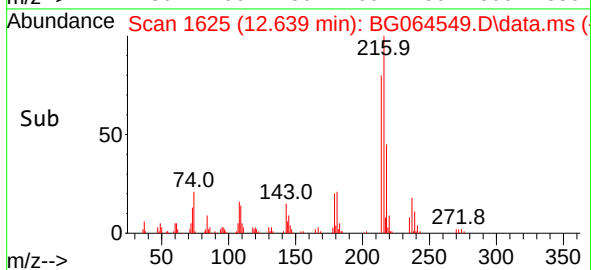
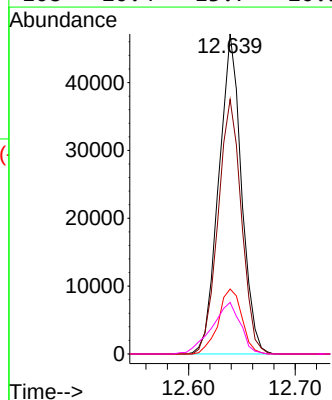
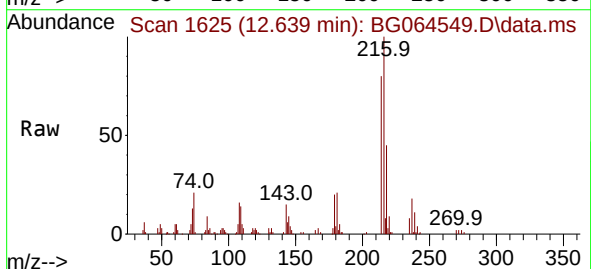
Instrument :
BNA_G
ClientSampleId :
PB170165BS

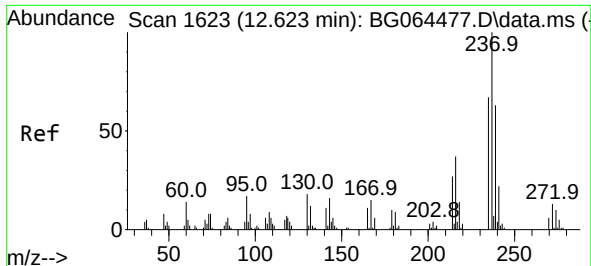
Tgt Ion:164 Resp: 44549
Ion Ratio Lower Upper
164 100
162 98.9 82.2 123.2
160 45.1 34.3 51.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.352 ng
RT: 12.639 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

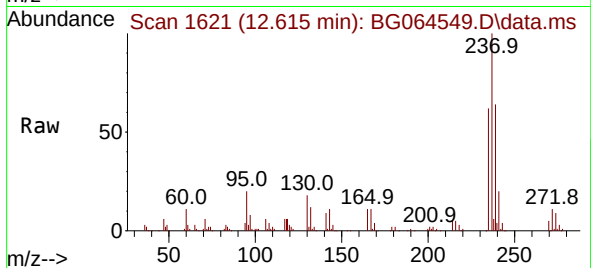
Tgt Ion:216 Resp: 69550
Ion Ratio Lower Upper
216 100
214 81.7 62.5 93.7
179 21.1 17.0 25.6
108 20.4 13.7 20.5



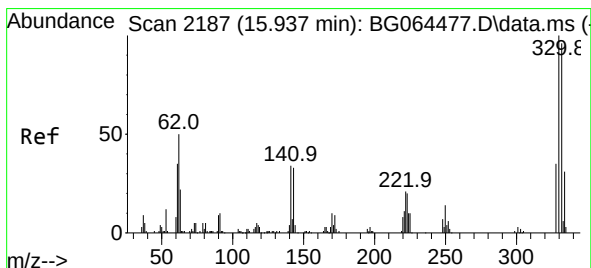
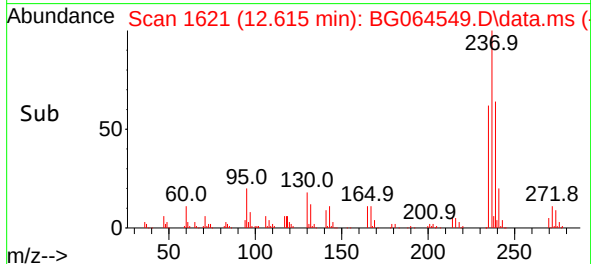
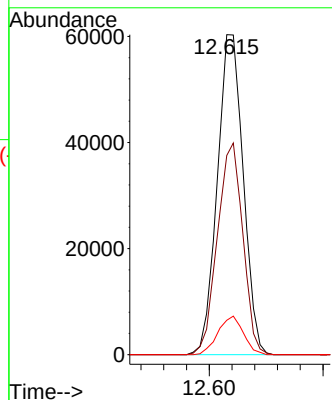


#41
Hexachlorocyclopentadiene
Concen: 127.082 ng
RT: 12.615 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Instrument :
BNA_G
ClientSampleId :
PB170165BS

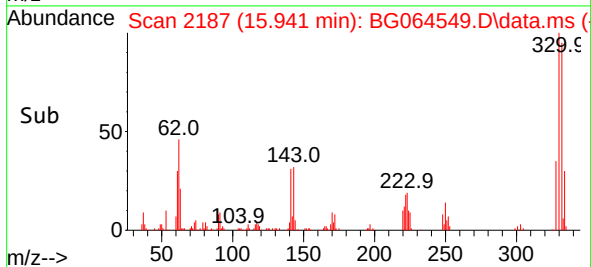
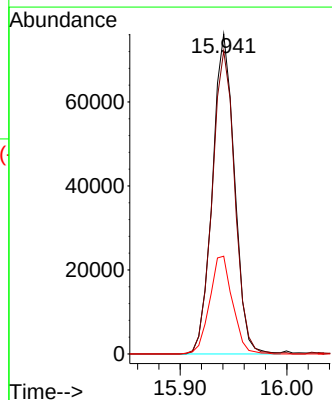
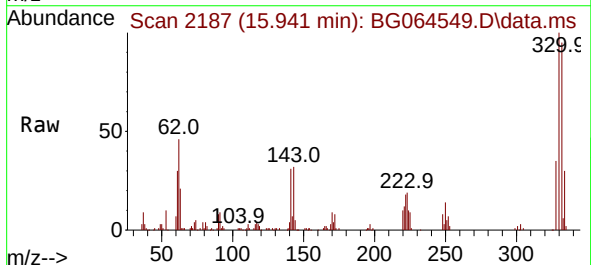


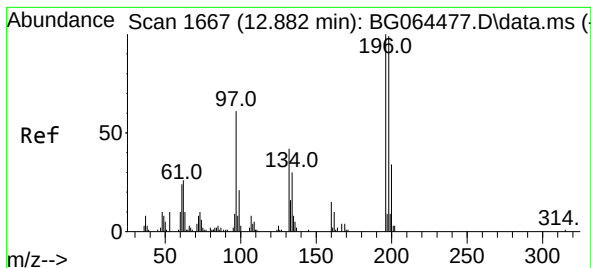
Tgt Ion:237 Resp: 95619
Ion Ratio Lower Upper
237 100
235 62.2 46.9 86.9
272 10.8 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 135.262 ng
RT: 15.941 min Scan# 2187
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:330 Resp: 109226
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 31.8 25.8 38.6

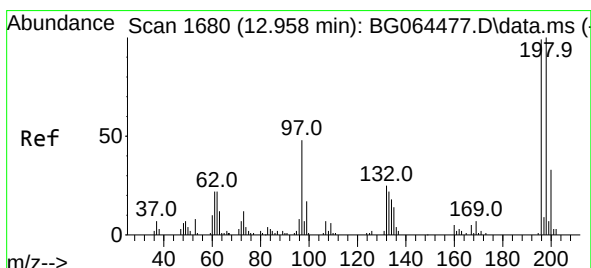
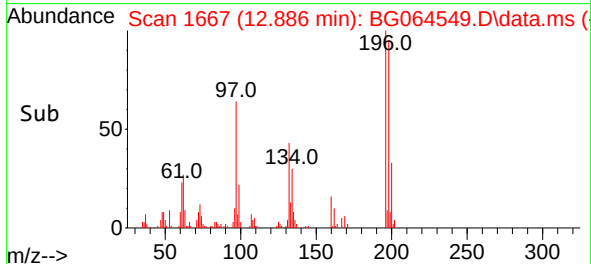
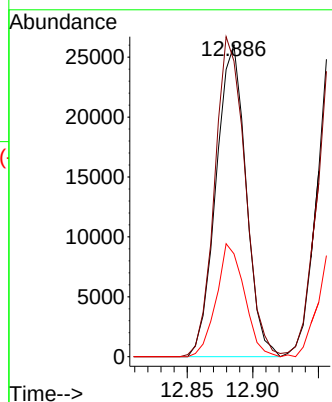
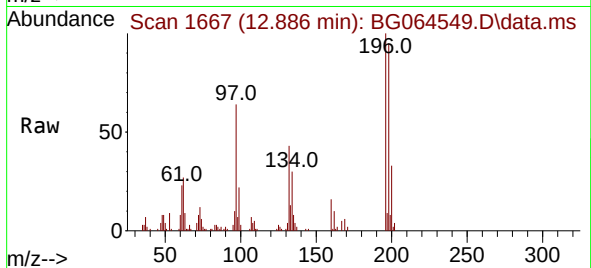




#43
2,4,6-Trichlorophenol
Concen: 44.862 ng
RT: 12.886 min Scan# 1667
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

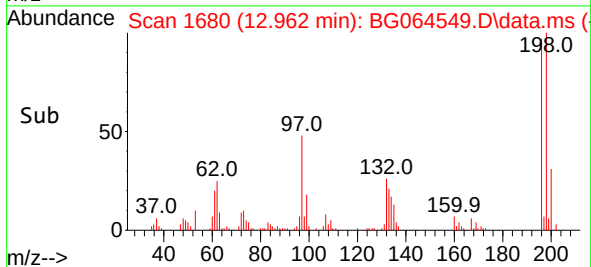
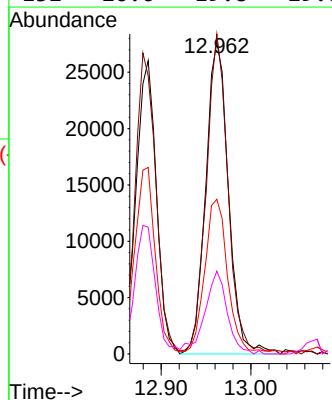
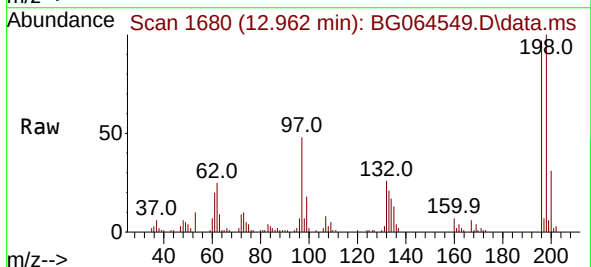
Instrument :
BNA_G
ClientSampleId :
PB170165BS

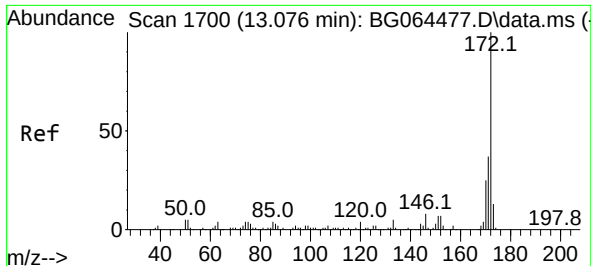
Tgt Ion:196 Resp: 41251
Ion Ratio Lower Upper
196 100
198 94.8 79.3 118.9
200 33.0 27.4 41.2



#44
2,4,5-Trichlorophenol
Concen: 47.405 ng
RT: 12.962 min Scan# 1680
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:196 Resp: 48664
Ion Ratio Lower Upper
196 100
198 102.7 80.3 120.5
97 49.6 39.4 59.0
132 26.6 19.8 29.8

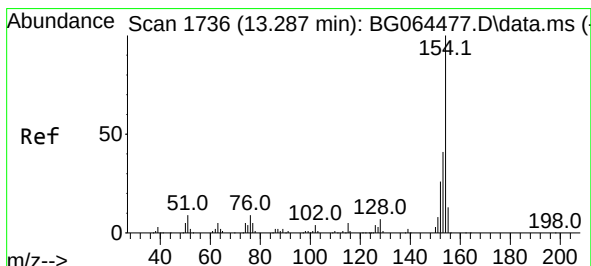
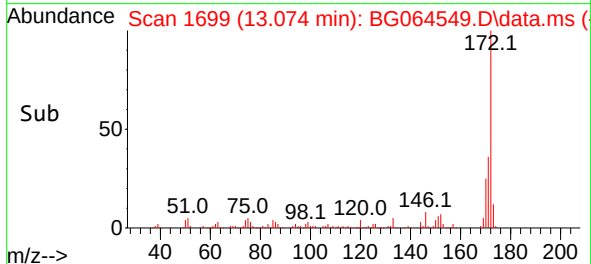
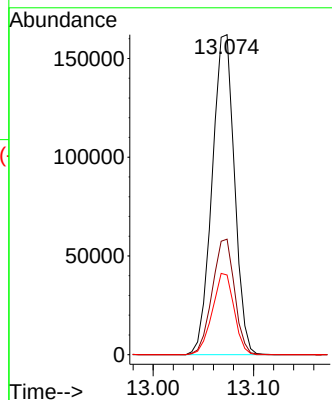
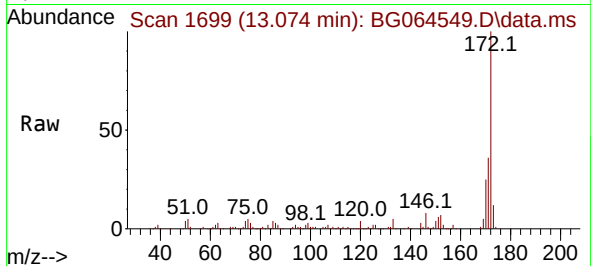




#45
2-Fluorobiphenyl
Concen: 82.763 ng
RT: 13.074 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

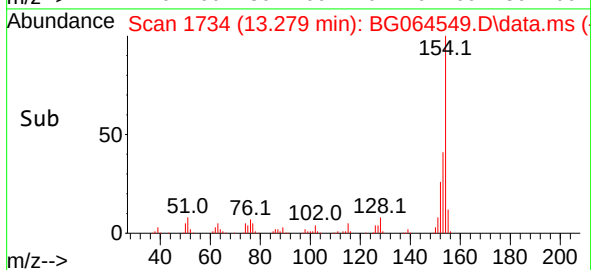
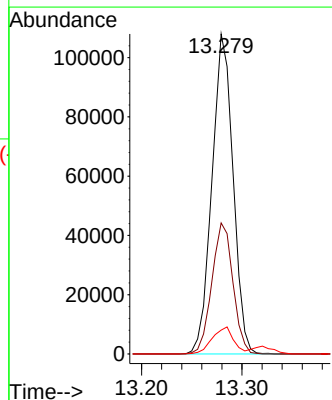
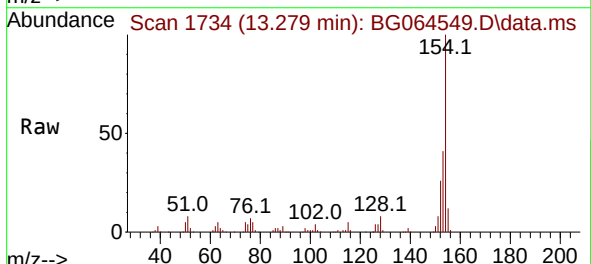
Instrument :
BNA_G
ClientSampleId :
PB170165BS

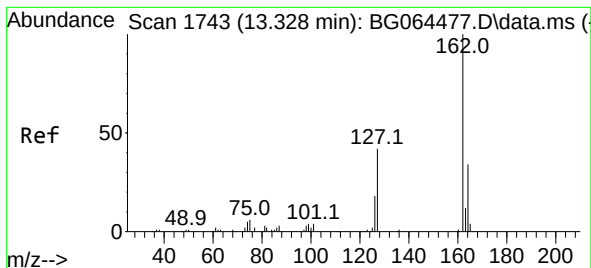
Tgt Ion:172 Resp: 250135
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.9 20.2 30.2



#46
1,1'-Biphenyl
Concen: 49.141 ng
RT: 13.279 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:154 Resp: 157453
Ion Ratio Lower Upper
154 100
153 41.0 20.7 60.7
76 7.5 0.0 29.3





#47

2-Chloronaphthalene

Concen: 43.284 ng

RT: 13.320 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

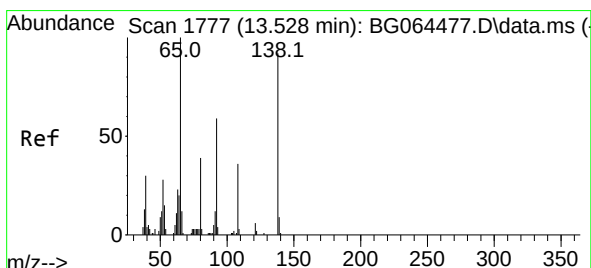
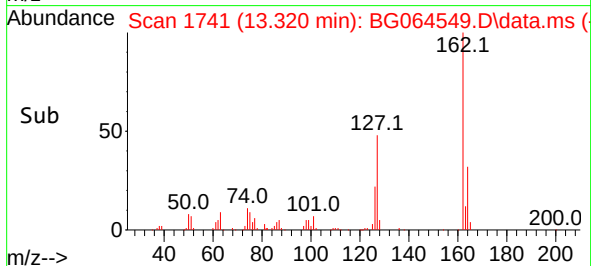
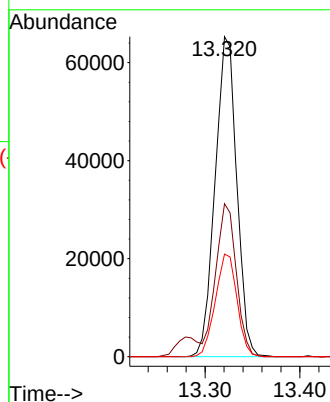
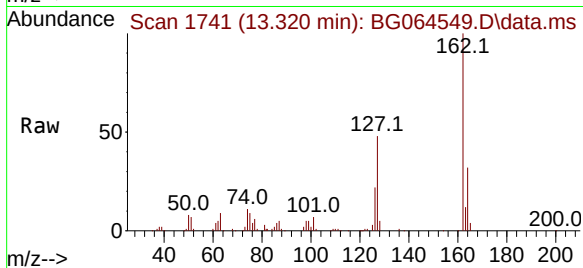
Tgt Ion:162 Resp: 103546

Ion Ratio Lower Upper

162 100

127 47.8 35.8 53.8

164 32.1 27.2 40.8



#48

2-Nitroaniline

Concen: 44.910 ng

RT: 13.526 min Scan# 1776

Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

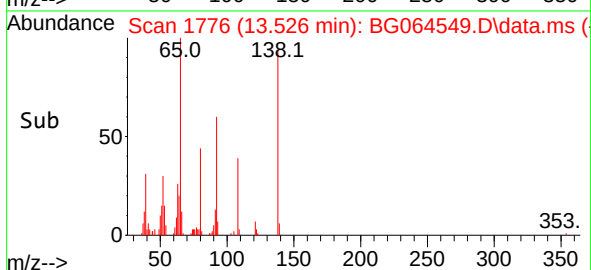
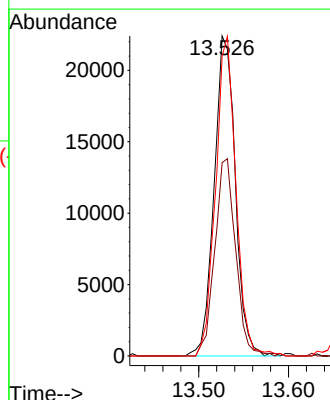
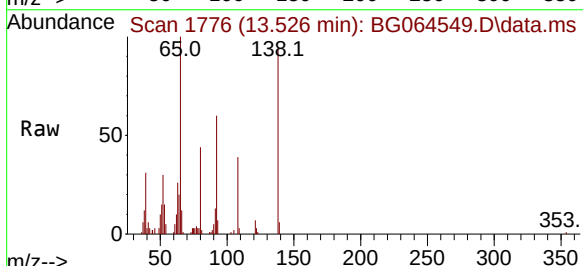
Tgt Ion: 65 Resp: 36668

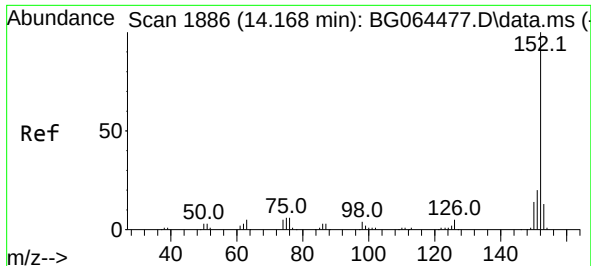
Ion Ratio Lower Upper

65 100

92 60.4 47.0 70.6

138 93.7 73.5 110.3

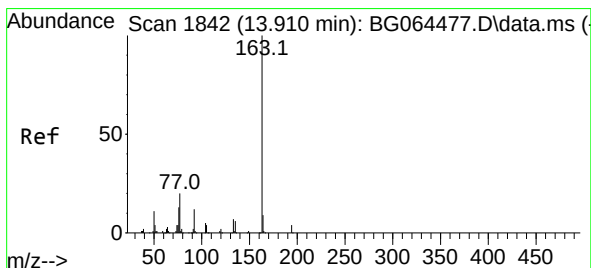
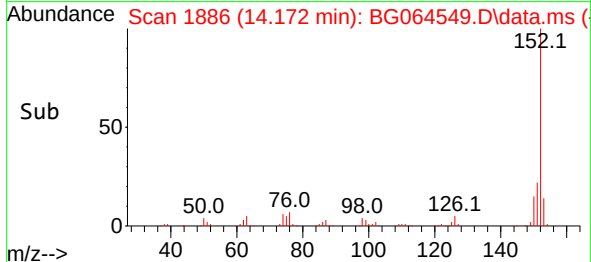
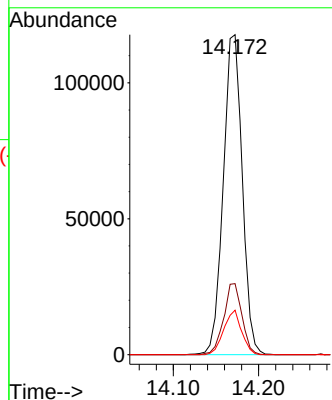
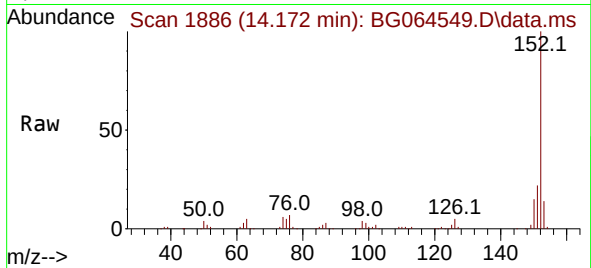




#49
Acenaphthylene
Concen: 51.304 ng
RT: 14.172 min Scan# 1886
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

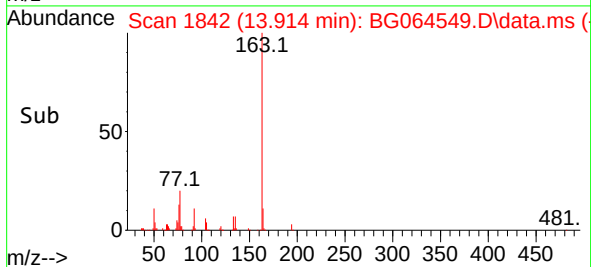
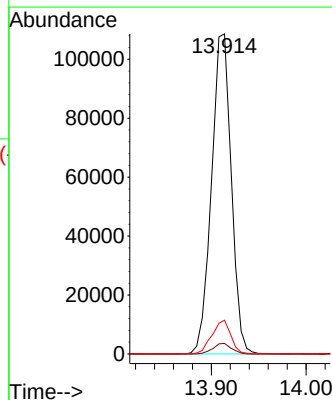
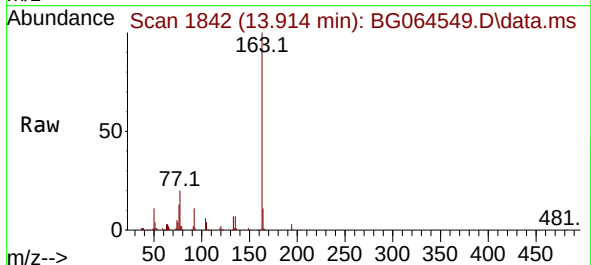
Instrument :
BNA_G
ClientSampleId :
PB170165BS

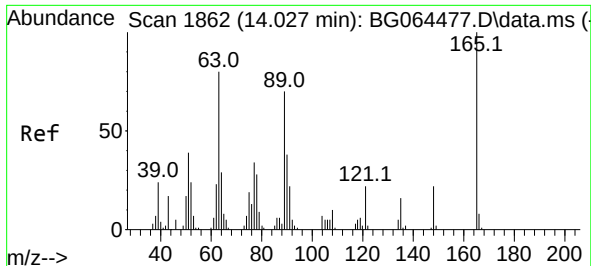
Tgt Ion:152 Resp: 182191
Ion Ratio Lower Upper
152 100
151 22.2 15.8 23.6
153 13.9 10.6 15.8



#50
Dimethylphthalate
Concen: 45.098 ng
RT: 13.914 min Scan# 1842
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:163 Resp: 157351
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.5 7.4 11.0

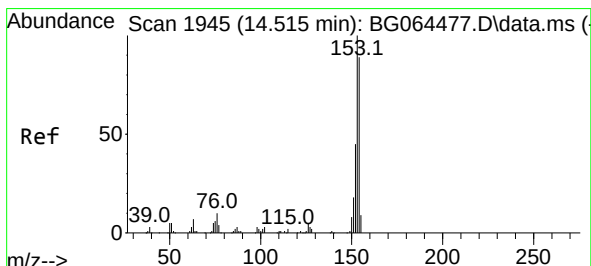
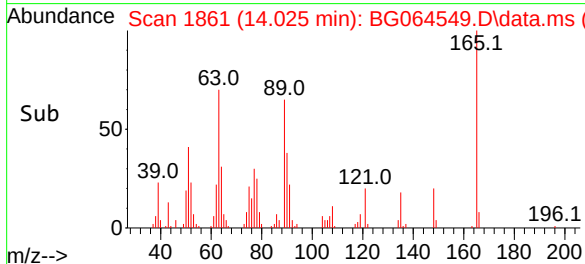
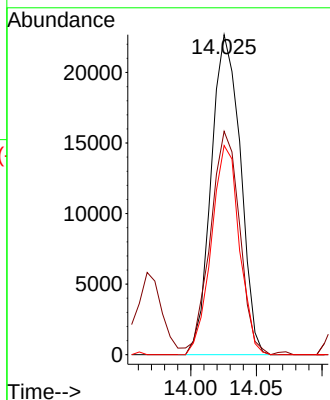
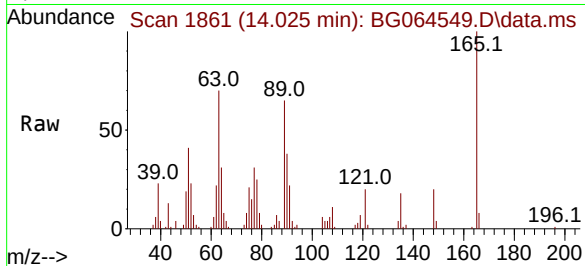




#51
2,6-Dinitrotoluene
Concen: 48.230 ng
RT: 14.025 min Scan# 1862
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

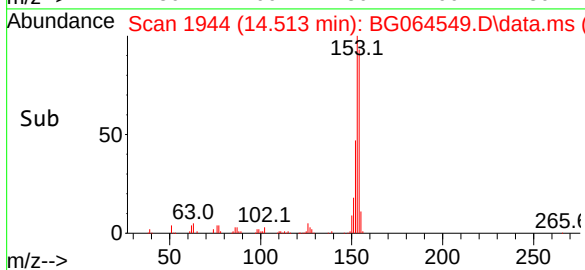
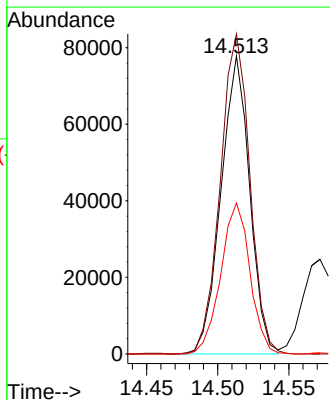
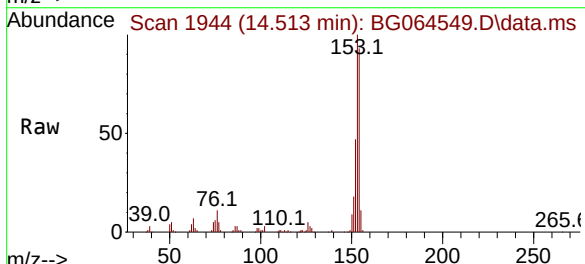
Instrument :
BNA_G
ClientSampleId :
PB170165BS

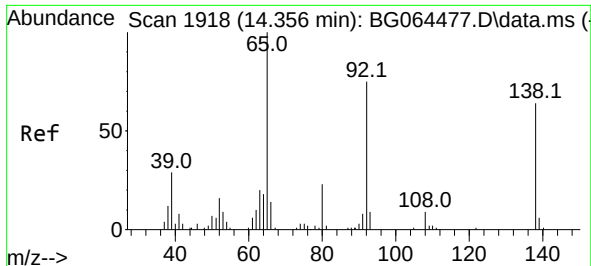
Tgt Ion:165 Resp: 35055
Ion Ratio Lower Upper
165 100
63 69.8 63.9 95.9
89 65.4 56.1 84.1



#52
Acenaphthene
Concen: 44.318 ng
RT: 14.513 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:154 Resp: 109342
Ion Ratio Lower Upper
154 100
153 107.4 90.2 135.4
152 50.7 40.2 60.4

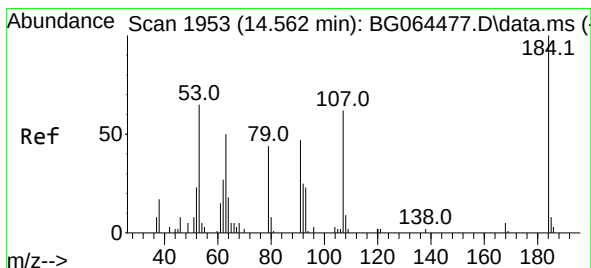
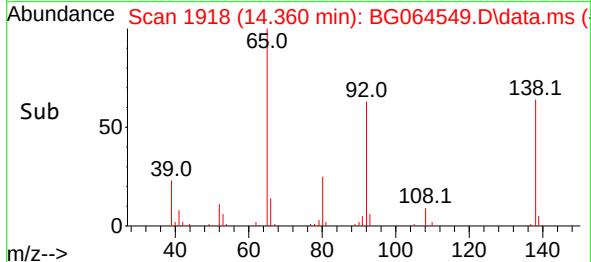
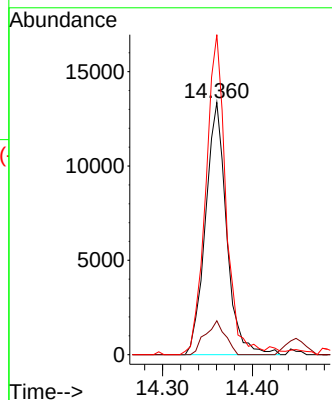
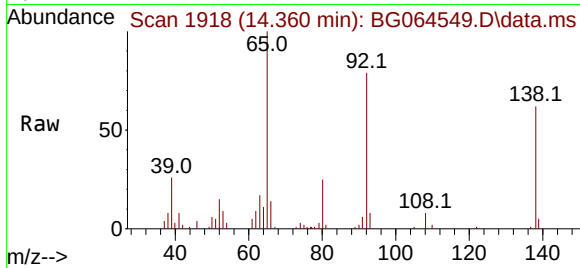




#53
3-Nitroaniline
Concen: 32.549 ng
RT: 14.360 min Scan# 1918
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

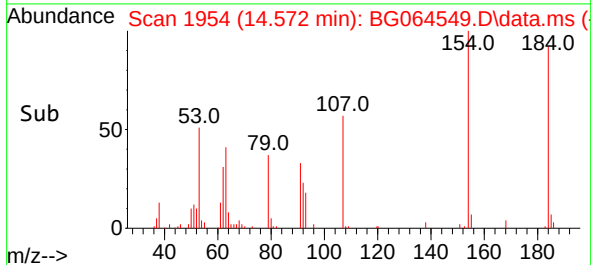
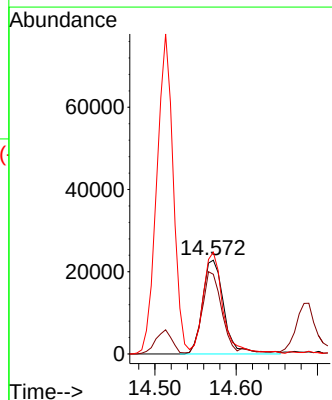
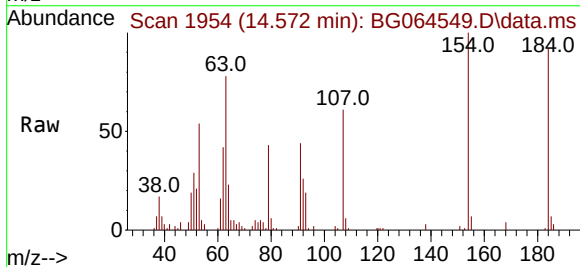
Instrument :
BNA_G
ClientSampleId :
PB170165BS

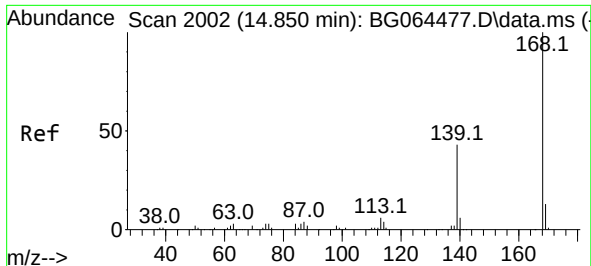
Tgt Ion:	138	Resp:	21818
Ion	Ratio	Lower	Upper
138	100		
108	13.5	10.6	15.8
92	126.9	93.2	139.8



#54
2,4-Dinitrophenol
Concen: 79.453 ng
RT: 14.572 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:	184	Resp:	41874
Ion	Ratio	Lower	Upper
184	100		
63	85.0	69.0	103.4
154	108.4	95.6	143.4

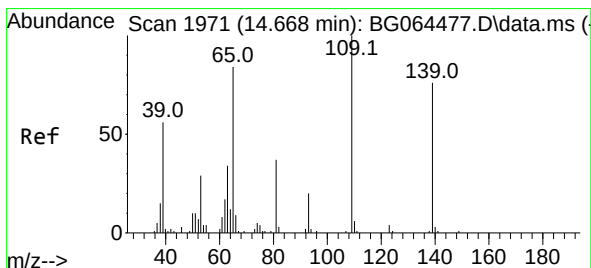
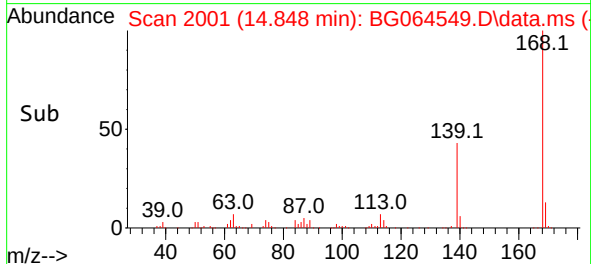
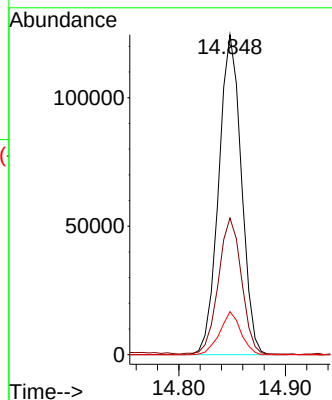
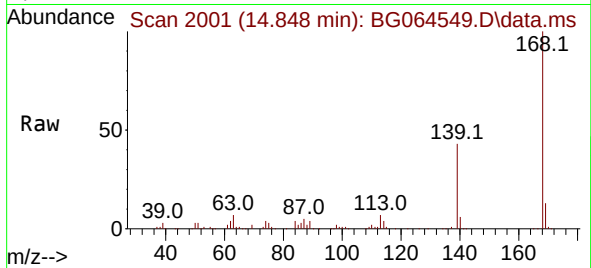




#55
Dibenzofuran
Concen: 44.988 ng
RT: 14.848 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

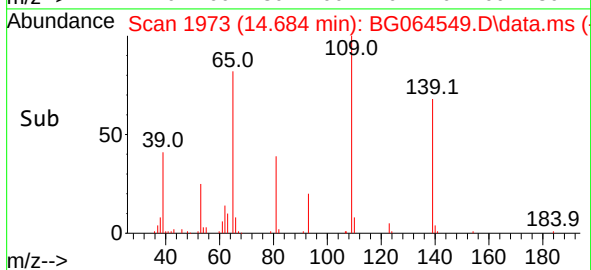
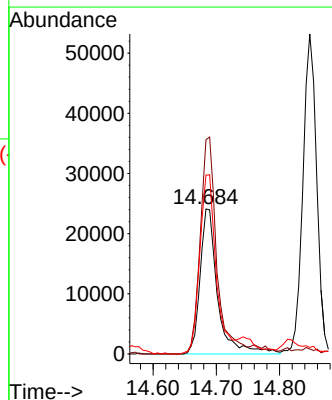
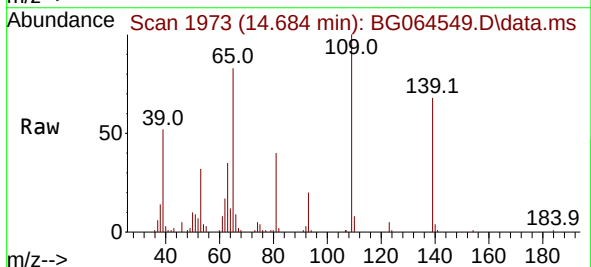
Instrument :
BNA_G
ClientSampleId :
PB170165BS

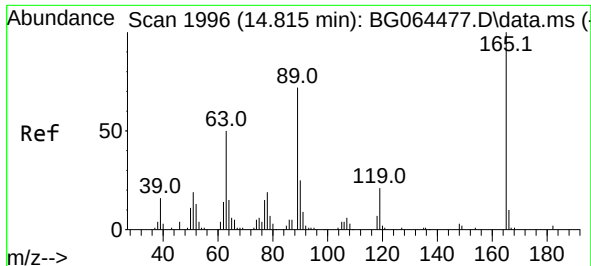
Tgt Ion:168 Resp: 183269
Ion Ratio Lower Upper
168 100
139 42.7 34.0 51.0
169 13.4 10.2 15.2



#56
4-Nitrophenol
Concen: 87.916 ng
RT: 14.684 min Scan# 1973
Delta R.T. 0.018 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:139 Resp: 46397
Ion Ratio Lower Upper
139 100
109 147.8 111.8 151.8
65 123.4 91.1 131.1

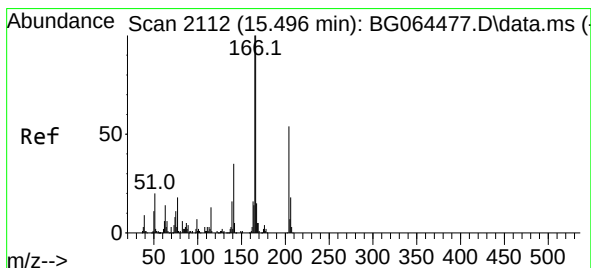
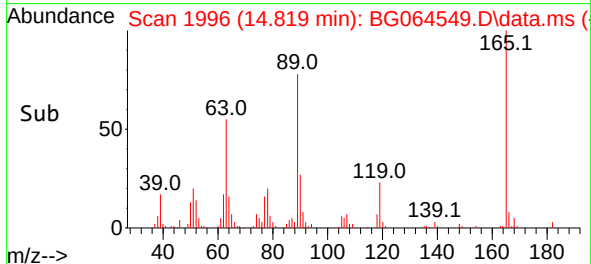
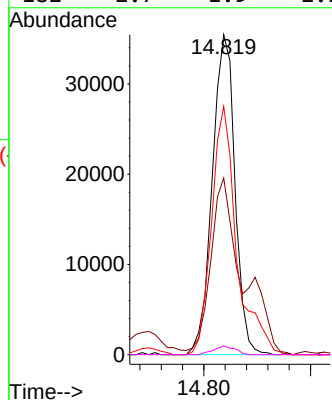
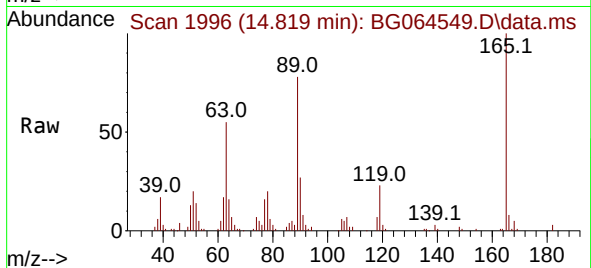




#57
2,4-Dinitrotoluene
Concen: 47.114 ng
RT: 14.819 min Scan# 1996
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

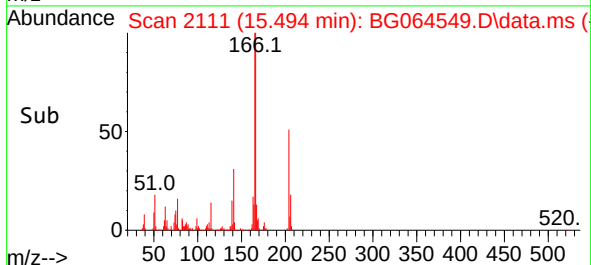
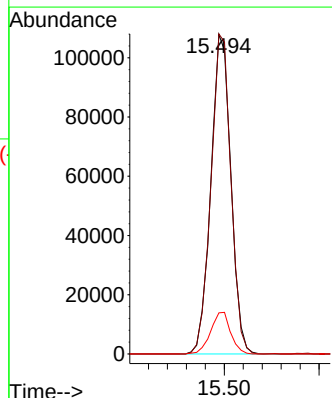
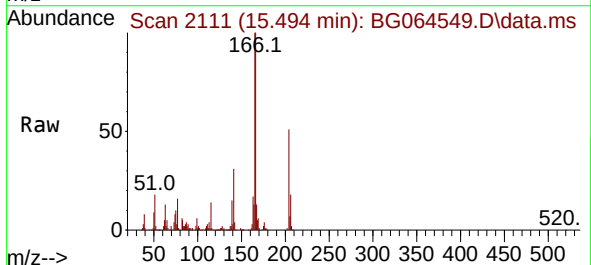
Instrument :
BNA_G
ClientSampleId :
PB170165BS

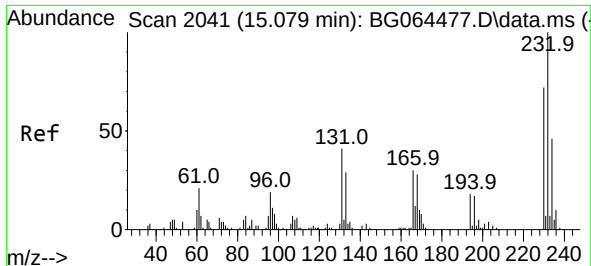
Tgt Ion:165	Resp:	52347
Ion Ratio	Lower	Upper
165	100	
63	55.2	40.4 60.6
89	77.6	57.3 85.9
182	2.7	1.9 2.9



#58
Fluorene
Concen: 46.615 ng
RT: 15.494 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:166	Resp:	157870
Ion Ratio	Lower	Upper
166	100	
165	100.2	79.8 119.6
167	12.9	11.7 17.5

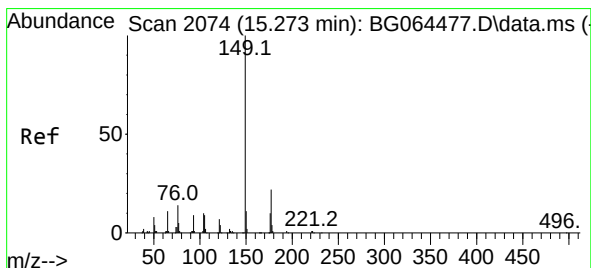
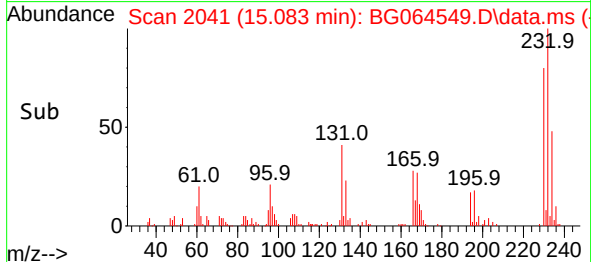
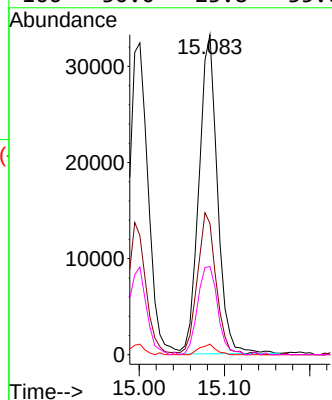
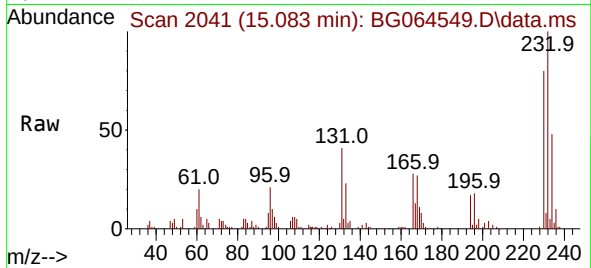




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.653 ng
 RT: 15.083 min Scan# 2041
 Delta R.T. 0.012 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

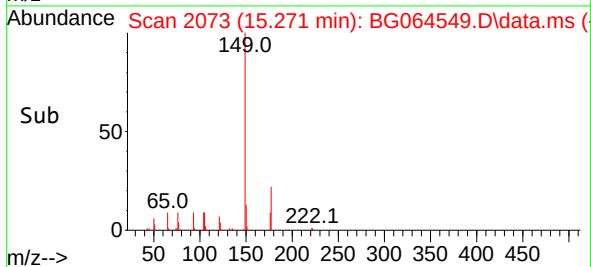
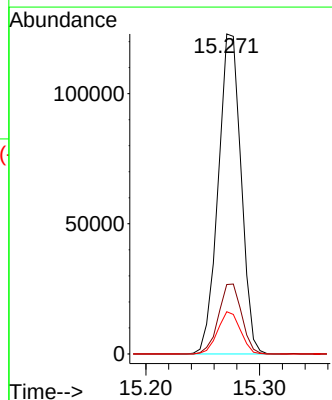
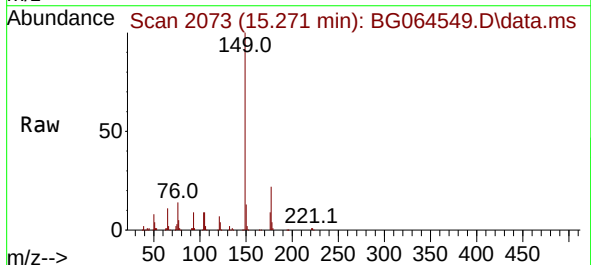
Instrument :
 BNA_G
 ClientSampleId :
 PB170165BS

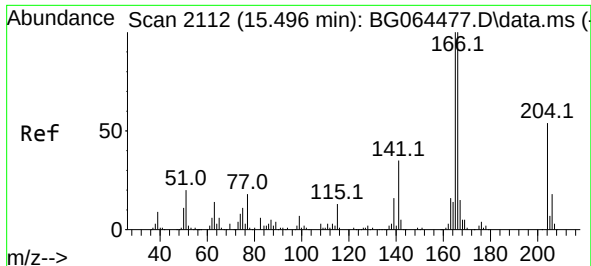
Tgt Ion:	232	Resp:	49925
Ion Ratio	Lower	Upper	
232	100		
131	45.0	35.0	52.4
130	2.9	2.0	3.0
166	30.0	23.8	35.6



#60
 Diethylphthalate
 Concen: 45.787 ng
 RT: 15.271 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

Tgt Ion:	149	Resp:	171377
Ion Ratio	Lower	Upper	
149	100		
177	21.7	17.4	26.0
150	13.2	9.1	13.7

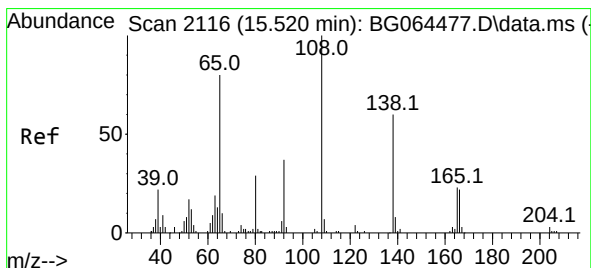
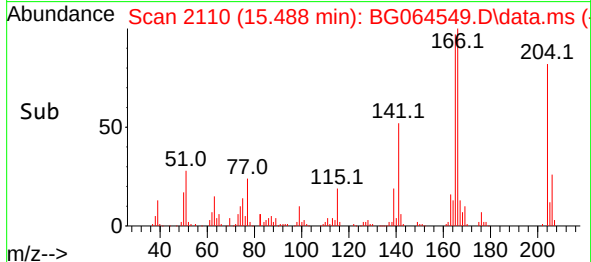
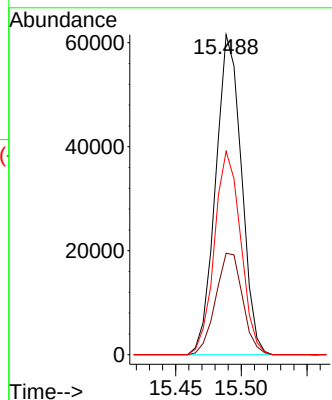
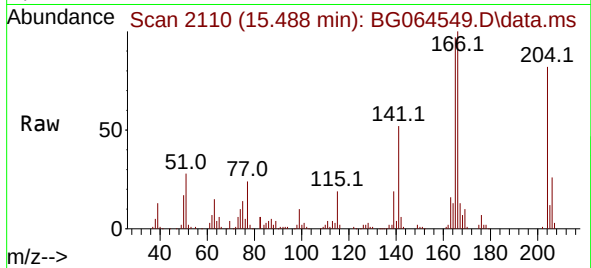




#61
4-Chlorophenyl-phenylether
Concen: 45.419 ng
RT: 15.488 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

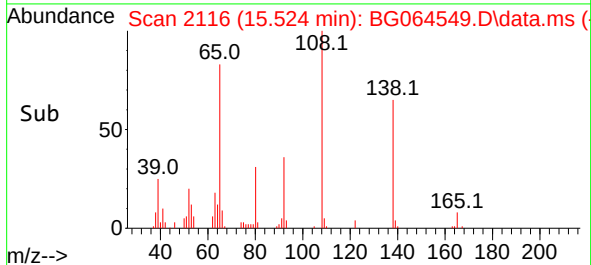
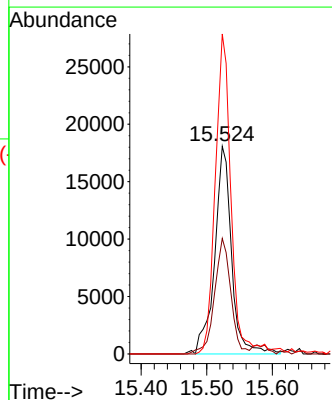
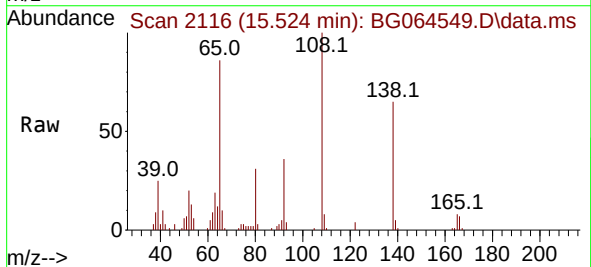
Instrument :
BNA_G
ClientSampleId :
PB170165BS

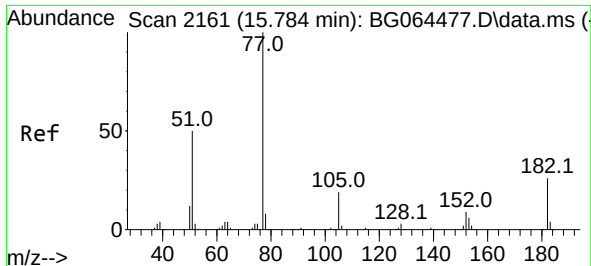
Tgt Ion:204 Resp: 83977
Ion Ratio Lower Upper
204 100
206 31.7 27.1 40.7
141 63.6 51.5 77.3



#62
4-Nitroaniline
Concen: 46.343 ng
RT: 15.524 min Scan# 2116
Delta R.T. 0.012 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:138 Resp: 32377
Ion Ratio Lower Upper
138 100
92 55.6 42.3 82.3
108 154.1 147.7 187.7

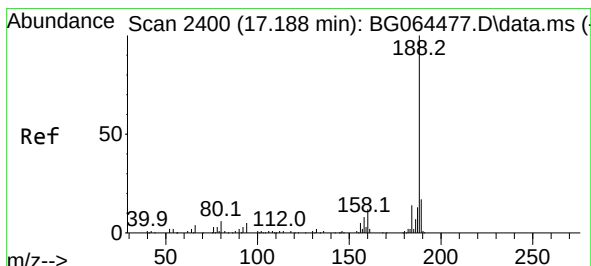
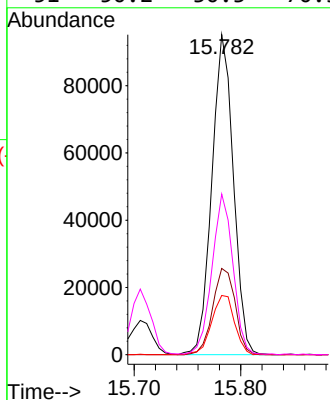
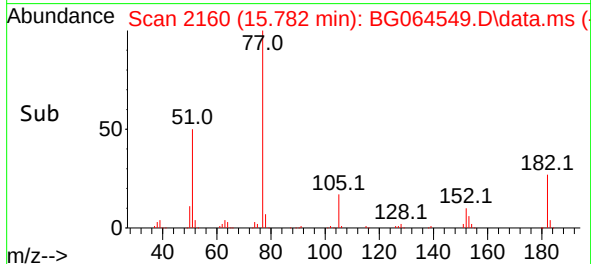
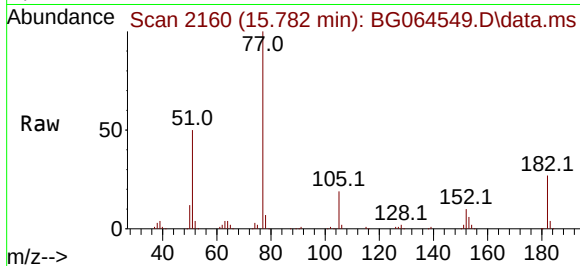




#63
 Azobenzene
 Concen: 46.087 ng
 RT: 15.782 min Scan# 2161
 Delta R.T. 0.000 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

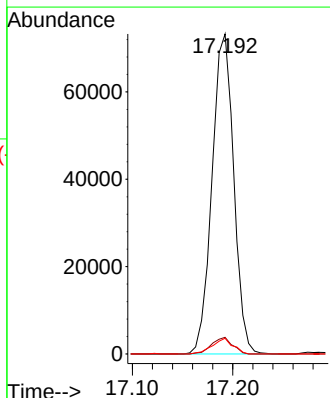
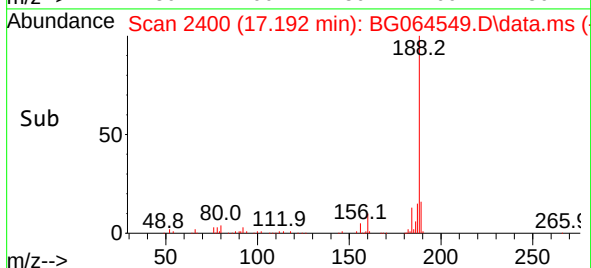
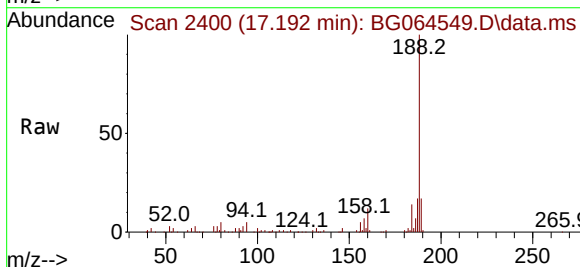
Instrument :
 BNA_G
 ClientSampleId :
 PB170165BS

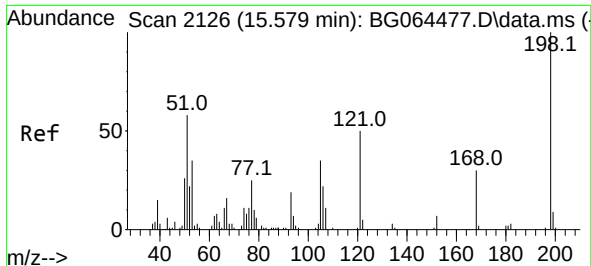
Tgt Ion:	77	Resp:	133595
Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.3	46.3
105	18.5	0.0	38.7
51	50.2	30.3	70.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.192 min Scan# 2400
 Delta R.T. 0.006 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

Tgt Ion:	188	Resp:	109767
Ion	Ratio	Lower	Upper
188	100		
94	5.2	3.7	5.5
80	4.9	4.5	6.7

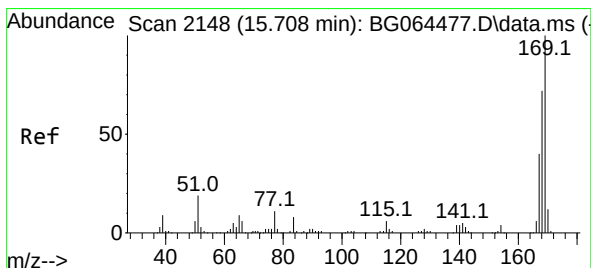
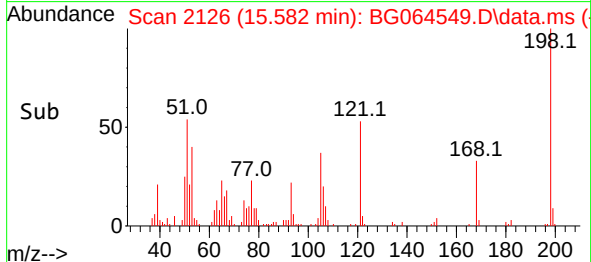
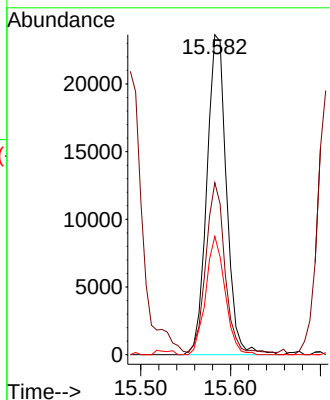
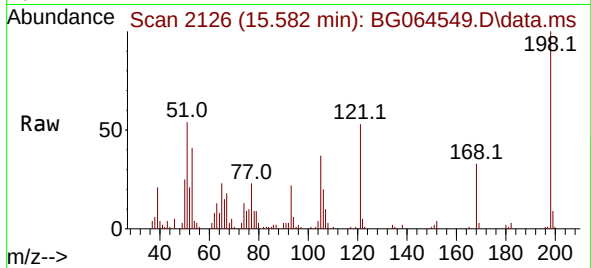




#65
4,6-Dinitro-2-methylphenol
Concen: 46.902 ng
RT: 15.582 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

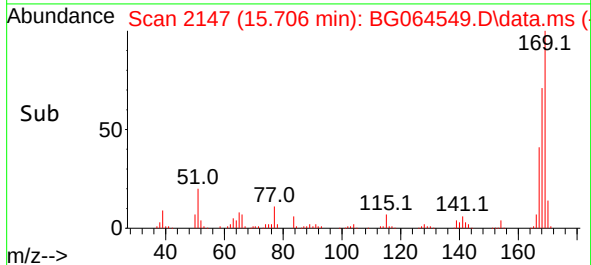
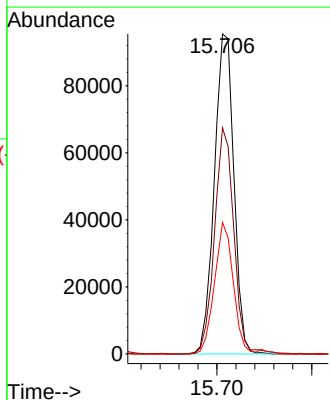
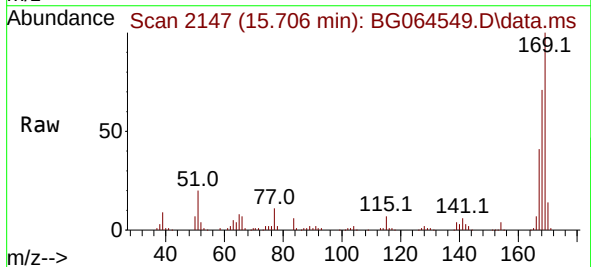
Instrument :
BNA_G
ClientSampleId :
PB170165BS

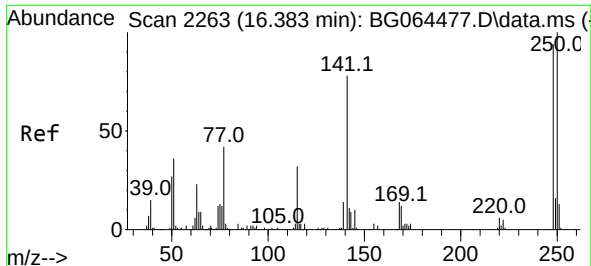
Tgt Ion:198 Resp: 35846
Ion Ratio Lower Upper
198 100
51 53.7 39.0 79.0
105 36.9 15.8 55.8



#66
n-Nitrosodiphenylamine
Concen: 46.670 ng
RT: 15.706 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:169 Resp: 136800
Ion Ratio Lower Upper
169 100
168 70.7 57.8 86.6
167 41.1 31.7 47.5

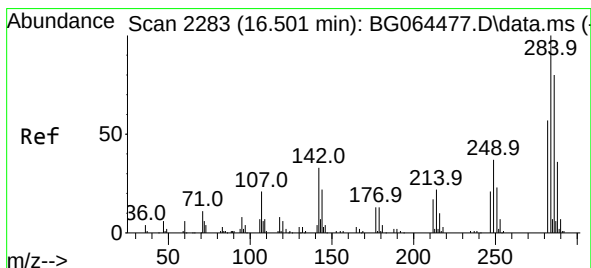
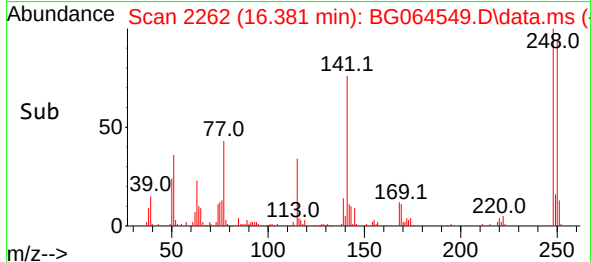
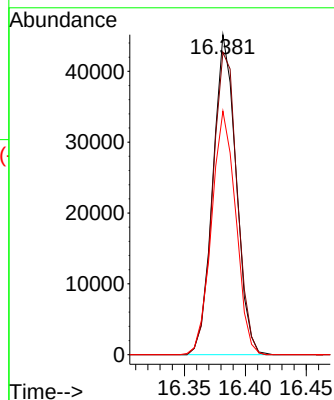
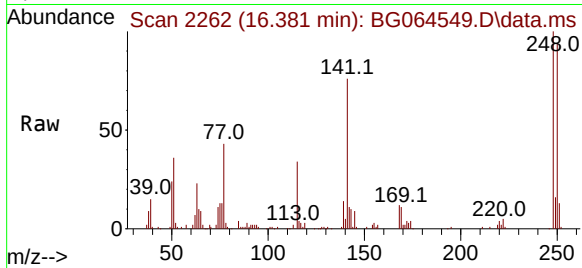




#67
4-Bromophenyl-phenylether
Concen: 46.292 ng
RT: 16.381 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

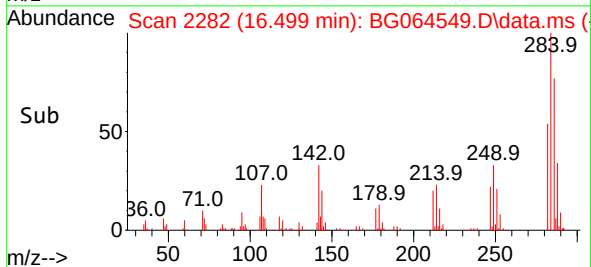
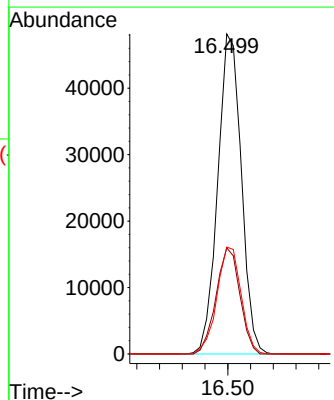
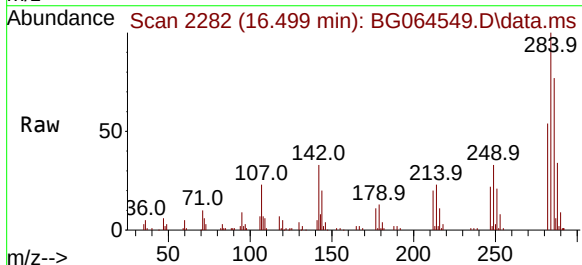
Instrument :
BNA_G
ClientSampleId :
PB170165BS

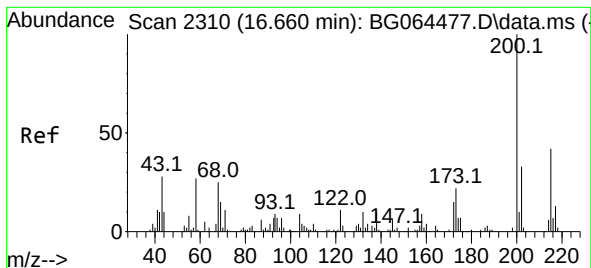
Tgt Ion:248 Resp: 59795
Ion Ratio Lower Upper
248 100
250 94.4 85.3 127.9
141 76.1 66.2 99.2



#68
Hexachlorobenzene
Concen: 46.874 ng
RT: 16.499 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:284 Resp: 69283
Ion Ratio Lower Upper
284 100
142 33.2 26.2 39.2
249 33.4 29.4 44.0





#69

Atrazine

Concen: 48.044 ng

RT: 16.658 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

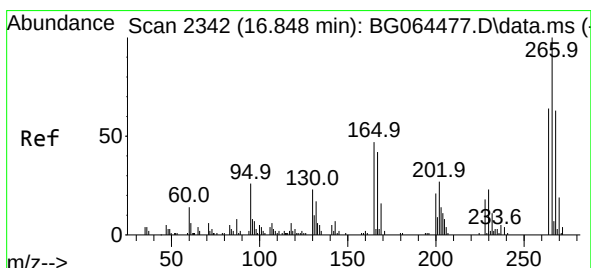
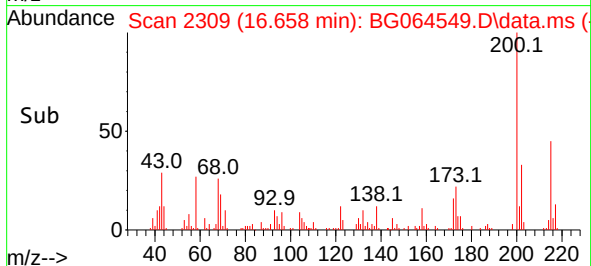
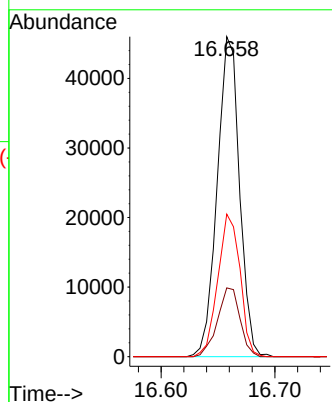
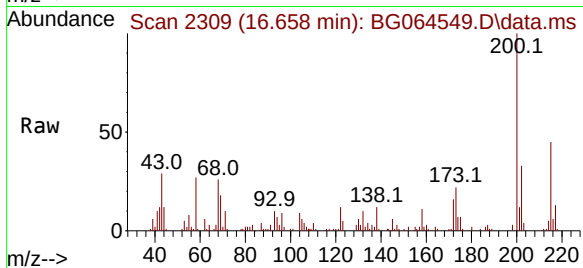
Tgt Ion:200 Resp: 62655

Ion Ratio Lower Upper

200 100

173 21.5 2.5 42.5

215 44.5 21.5 61.5



#70

Pentachlorophenol

Concen: 96.317 ng

RT: 16.852 min Scan# 2342

Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

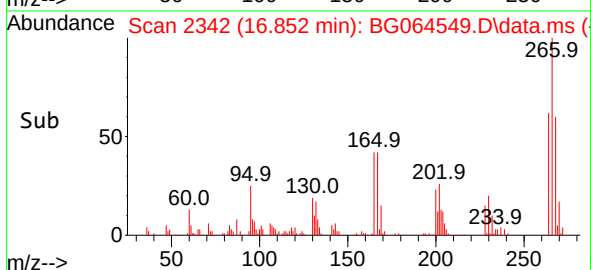
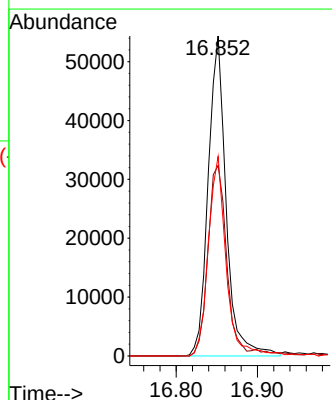
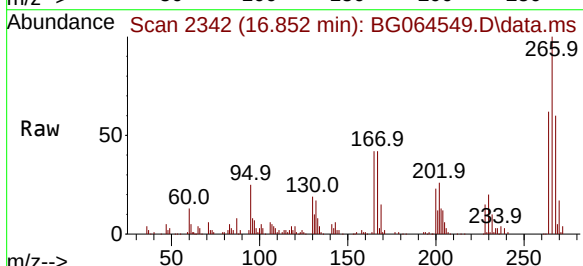
Tgt Ion:266 Resp: 83239

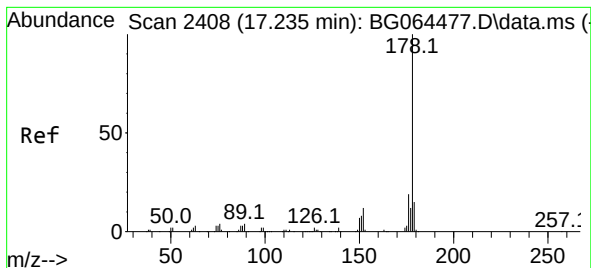
Ion Ratio Lower Upper

266 100

268 59.5 50.6 75.8

264 62.3 51.2 76.8





#71

Phenanthrene

Concen: 45.635 ng

RT: 17.233 min Scan# 2407

Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

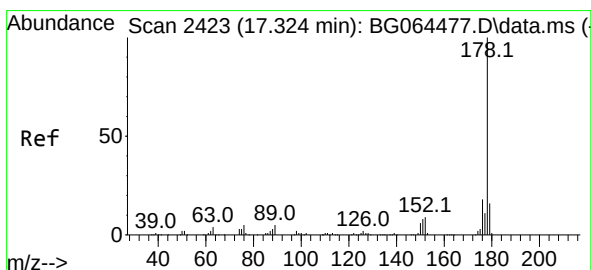
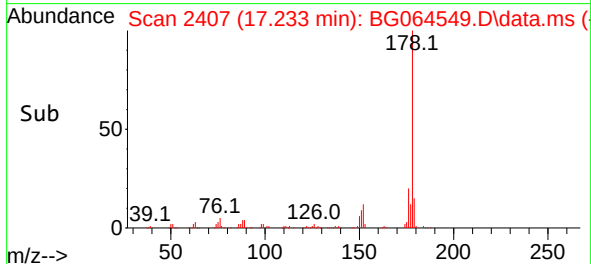
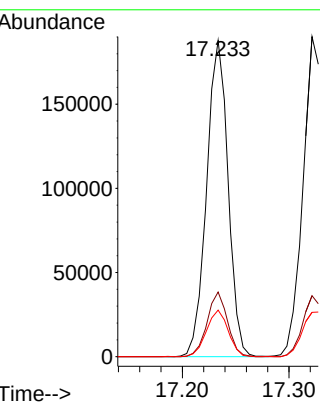
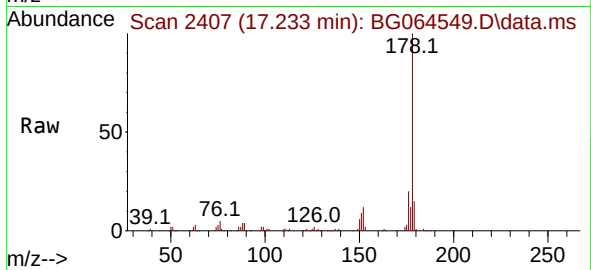
Tgt Ion:178 Resp: 261958

Ion Ratio Lower Upper

178 100

176 20.5 15.2 22.8

179 14.7 11.8 17.6



#72

Anthracene

Concen: 46.634 ng

RT: 17.322 min Scan# 2422

Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

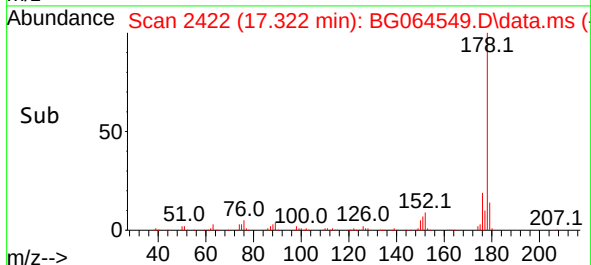
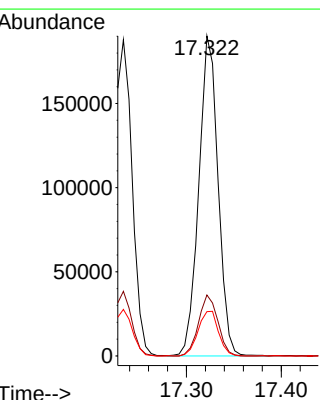
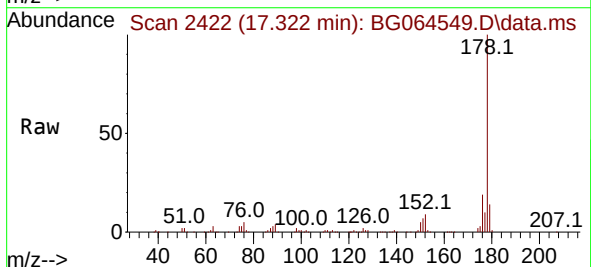
Tgt Ion:178 Resp: 268556

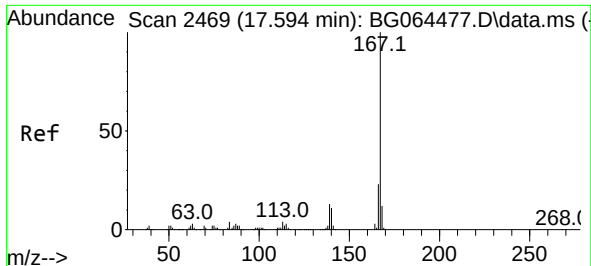
Ion Ratio Lower Upper

178 100

176 19.0 14.6 21.8

179 13.9 12.5 18.7

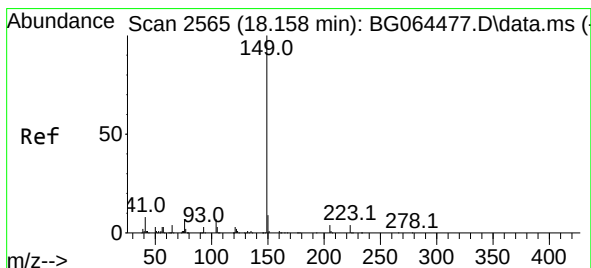
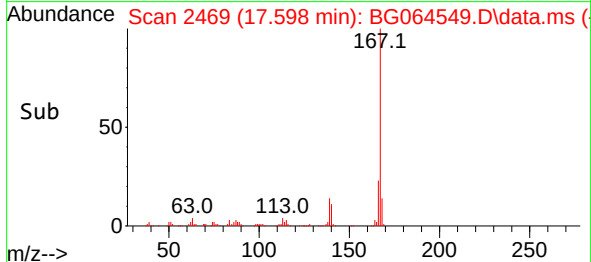
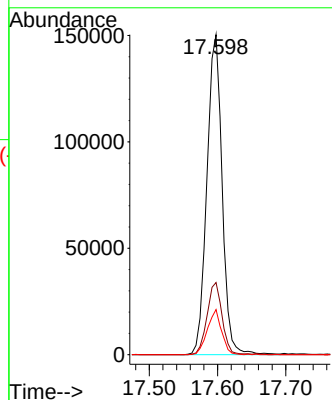
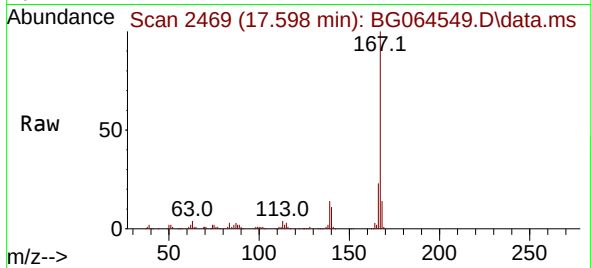




#73
 Carbazole
 Concen: 46.986 ng
 RT: 17.598 min Scan# 2469
 Delta R.T. 0.006 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

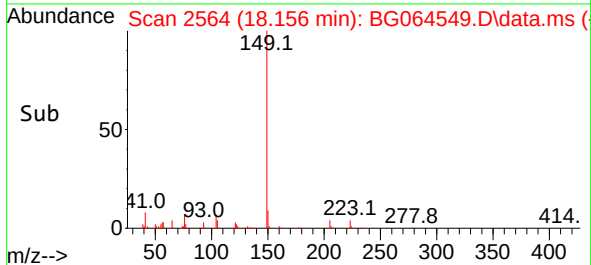
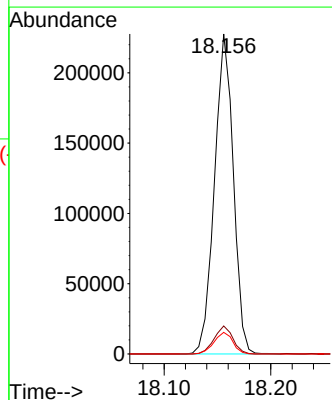
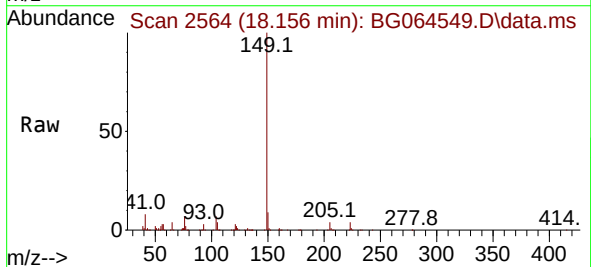
Instrument :
 BNA_G
 ClientSampleId :
 PB170165BS

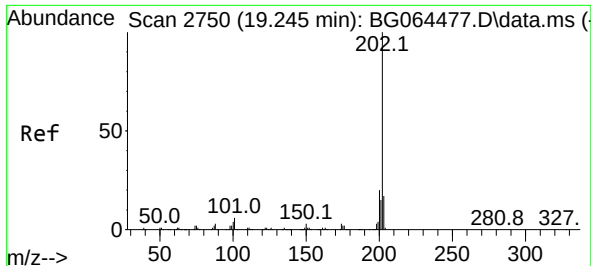
Tgt Ion:167 Resp: 233881
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.6 27.8
 139 14.1 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 45.881 ng
 RT: 18.156 min Scan# 2564
 Delta R.T. 0.000 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

Tgt Ion:149 Resp: 278793
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.2
 104 6.7 5.3 7.9

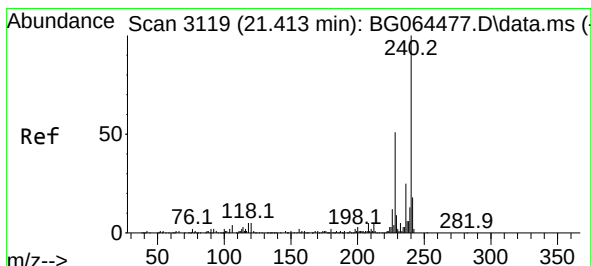
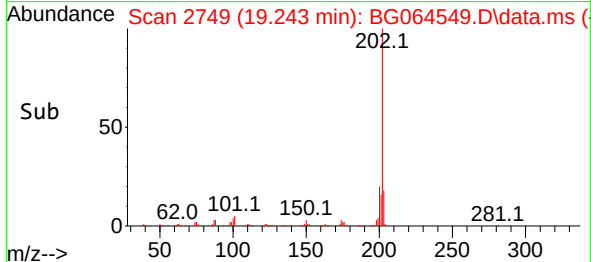
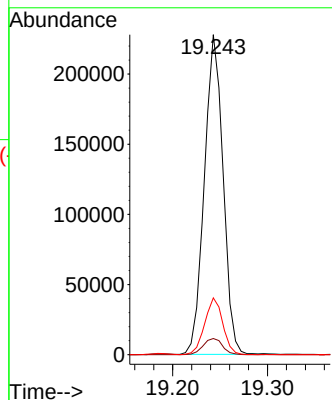
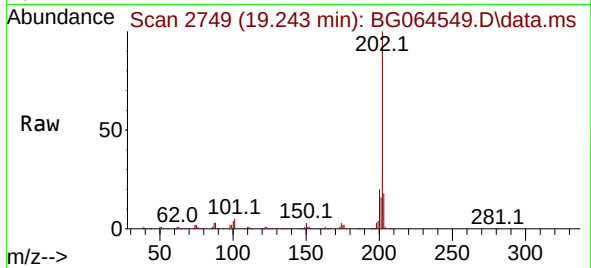




#75
Fluoranthene
Concen: 45.562 ng
RT: 19.243 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

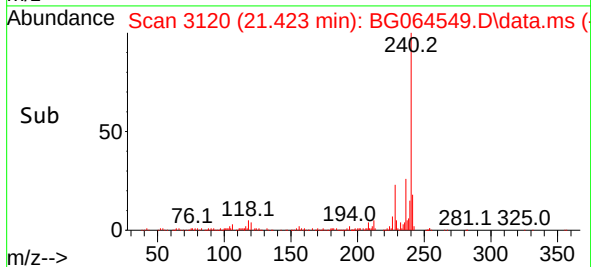
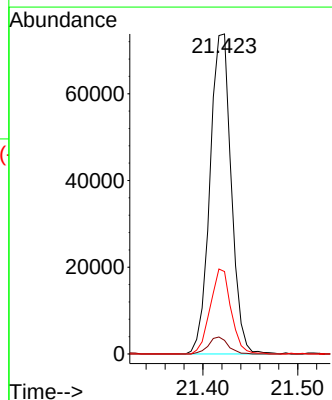
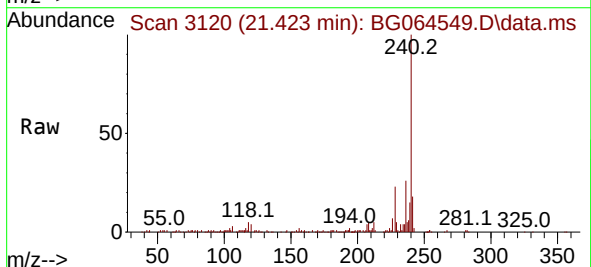
Instrument :
BNA_G
ClientSampleId :
PB170165BS

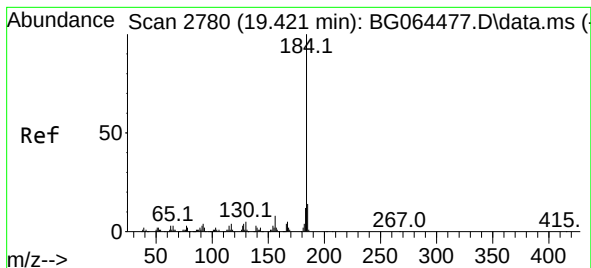
Tgt Ion:202 Resp: 312448
Ion Ratio Lower Upper
202 100
101 5.1 0.0 25.7
203 17.7 0.0 36.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.423 min Scan# 3120
Delta R.T. 0.013 min
Lab File: BG064549.D
Acq: 20 Oct 2025 14:25

Tgt Ion:240 Resp: 115066
Ion Ratio Lower Upper
240 100
120 4.3 4.3 6.5#
236 25.7 20.4 30.6





#77

Benzidine

Concen: 28.573 ng

RT: 19.431 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

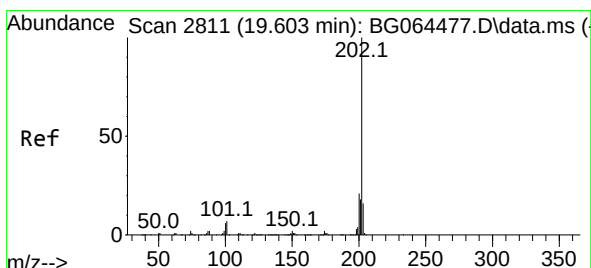
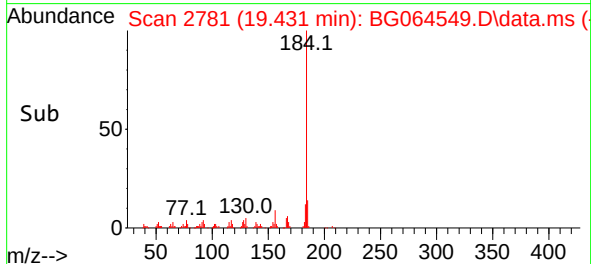
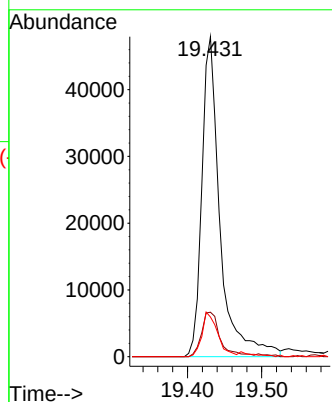
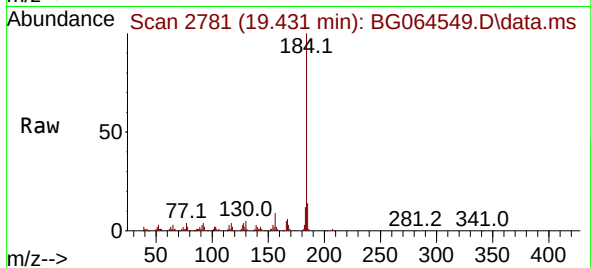
Tgt Ion:184 Resp: 81811

Ion Ratio Lower Upper

184 100

185 13.9 10.9 16.3

183 12.4 9.8 14.6



#78

Pyrene

Concen: 42.785 ng

RT: 19.607 min Scan# 2811

Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

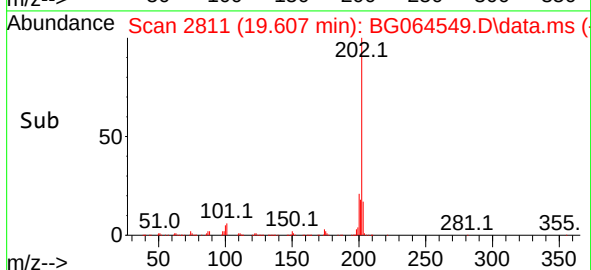
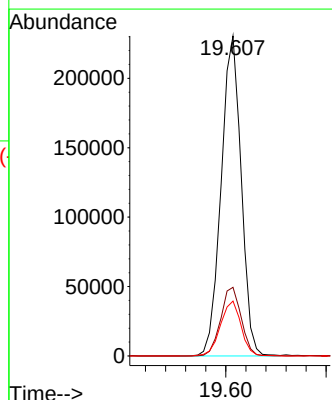
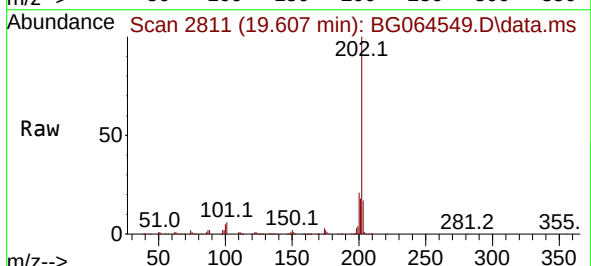
Tgt Ion:202 Resp: 319492

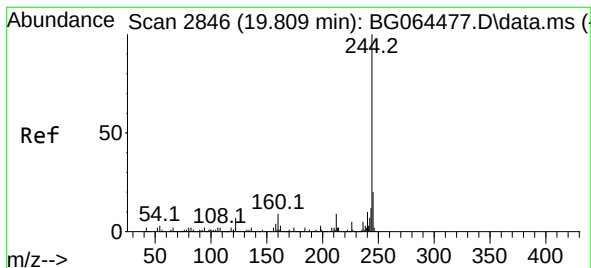
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

203 17.2 13.0 19.4





#79

Terphenyl-d14

Concen: 86.178 ng

RT: 19.807 min Scan# 2

Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

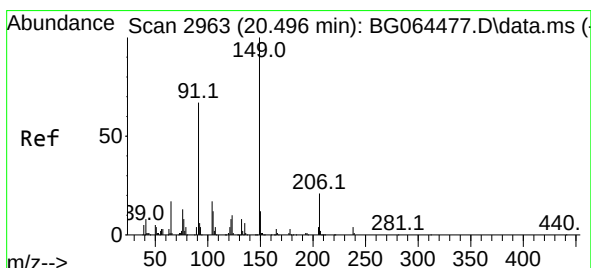
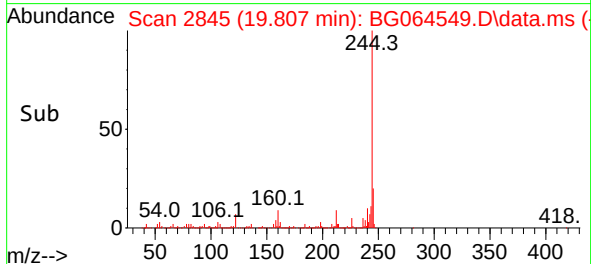
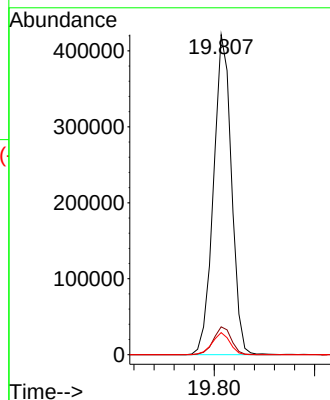
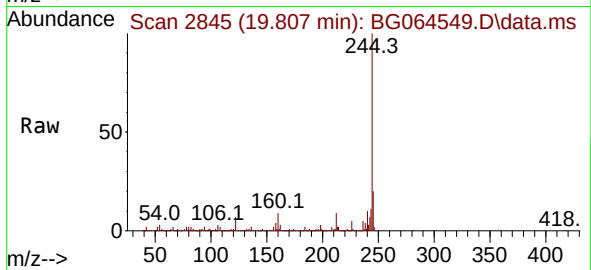
Tgt Ion:244 Resp: 523971

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

122 6.9 5.6 8.4



#80

Butylbenzylphthalate

Concen: 46.042 ng

RT: 20.500 min Scan# 2963

Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

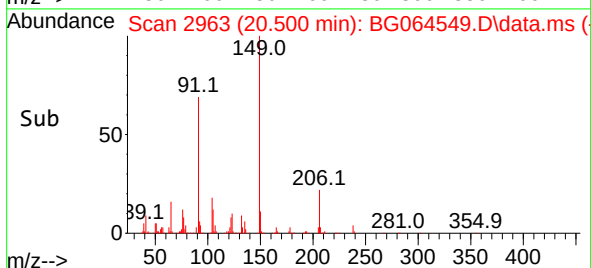
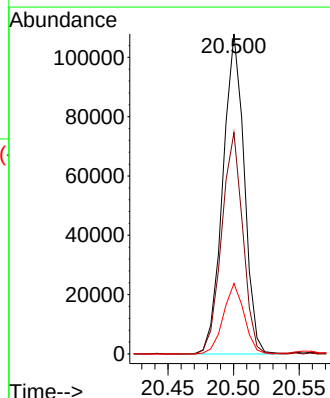
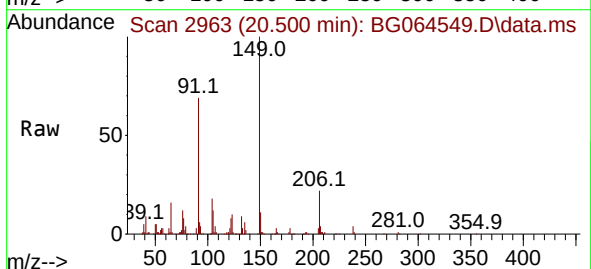
Tgt Ion:149 Resp: 121880

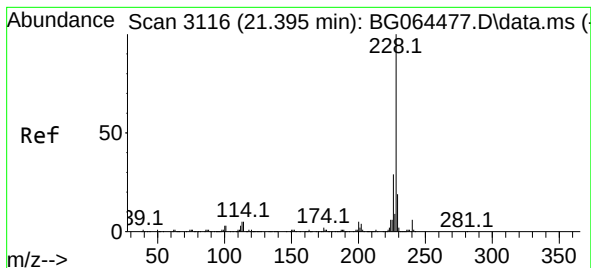
Ion Ratio Lower Upper

149 100

91 69.2 53.7 80.5

206 22.1 16.6 24.8





#81

Benzo(a)anthracene

Concen: 45.971 ng

RT: 21.399 min Scan# 3116

Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

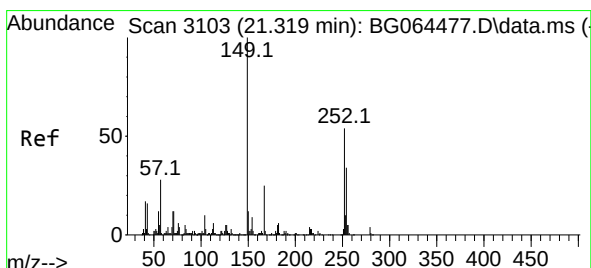
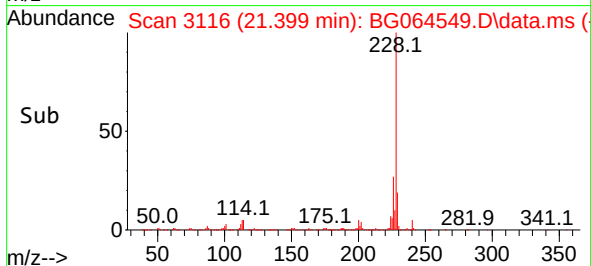
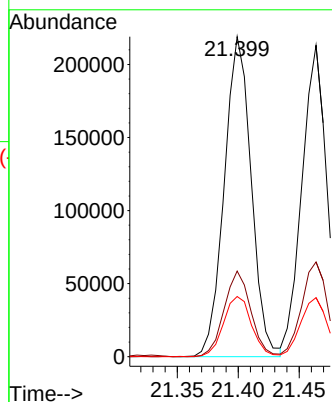
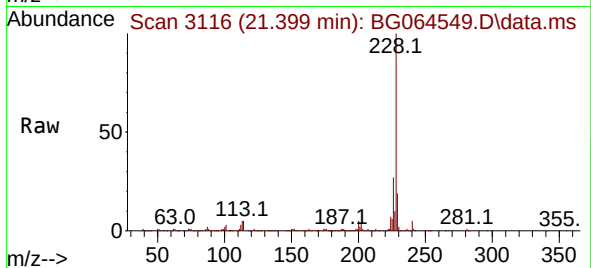
Tgt Ion:228 Resp: 337748

Ion Ratio Lower Upper

228 100

226 26.8 22.8 34.2

229 18.8 15.2 22.8



#82

3,3'-Dichlorobenzidine

Concen: 32.303 ng

RT: 21.323 min Scan# 3103

Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

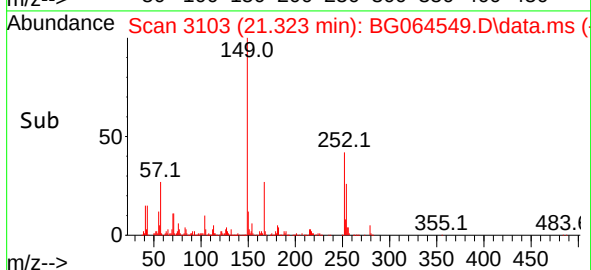
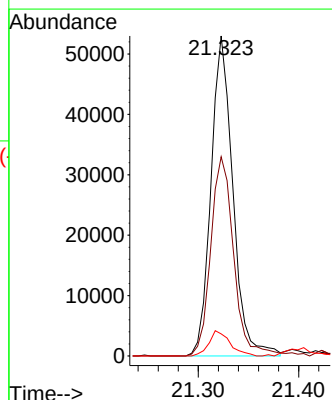
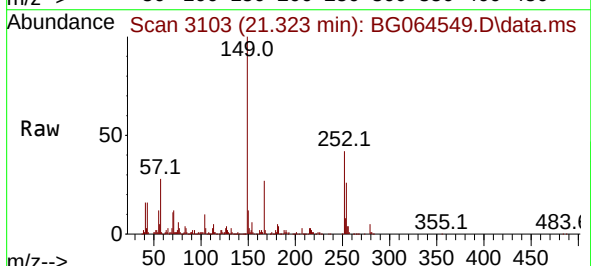
Tgt Ion:252 Resp: 80327

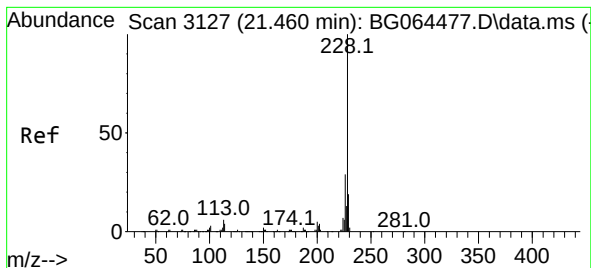
Ion Ratio Lower Upper

252 100

254 62.3 50.5 75.7

126 6.9 7.1 10.7#





#83

Chrysene

Concen: 43.720 ng

RT: 21.464 min Scan# 3127

Delta R.T. 0.012 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

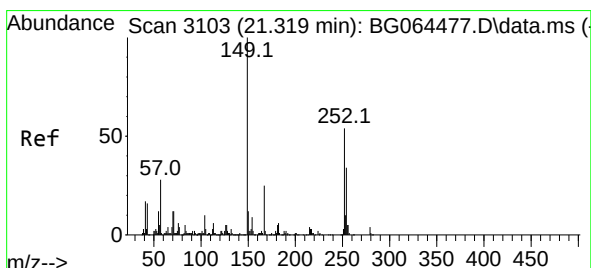
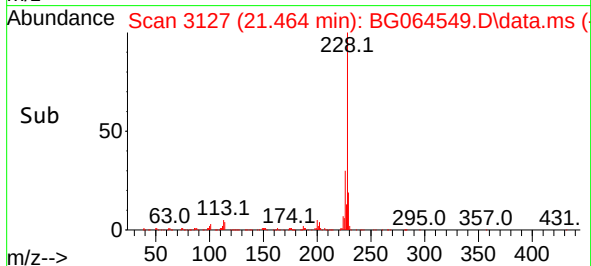
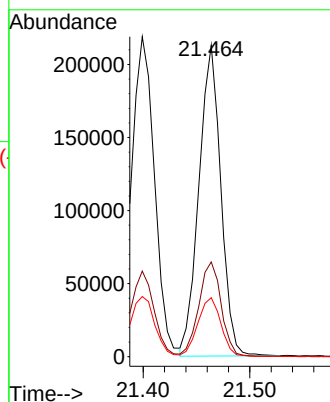
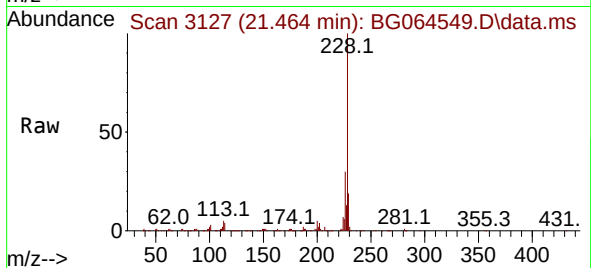
Tgt Ion:228 Resp: 304625

Ion Ratio Lower Upper

228 100

226 30.4 22.8 34.2

229 19.0 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.213 ng

RT: 21.323 min Scan# 3103

Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

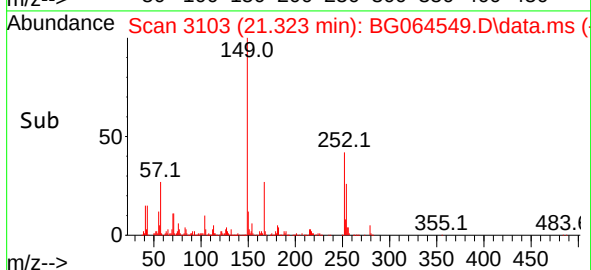
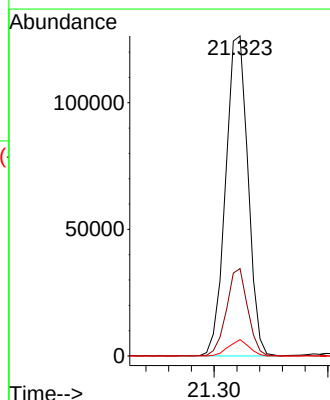
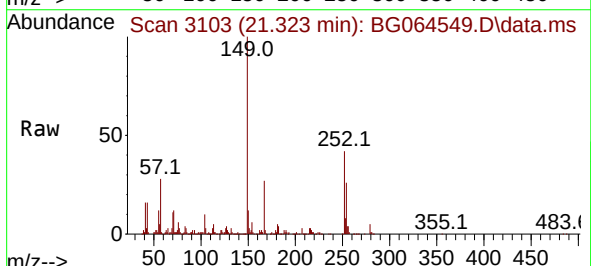
Tgt Ion:149 Resp: 172602

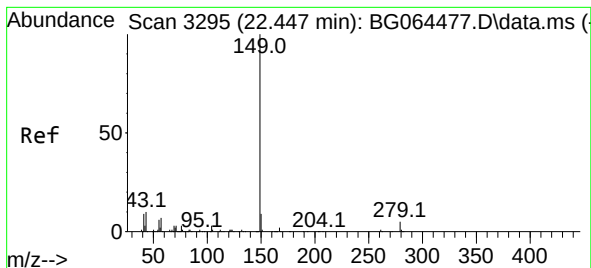
Ion Ratio Lower Upper

149 100

167 27.3 19.7 29.5

279 5.1 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 45.976 ng

RT: 22.445 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

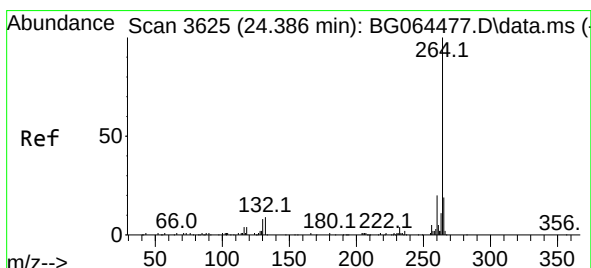
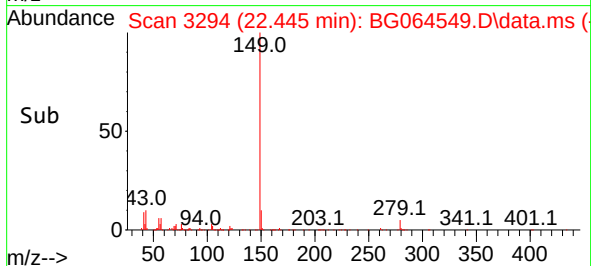
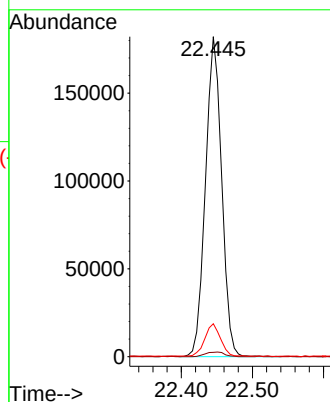
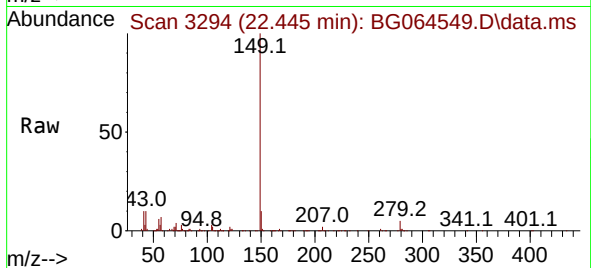
Tgt Ion:149 Resp: 288601

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 9.9 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.407 min Scan# 3628

Delta R.T. 0.018 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

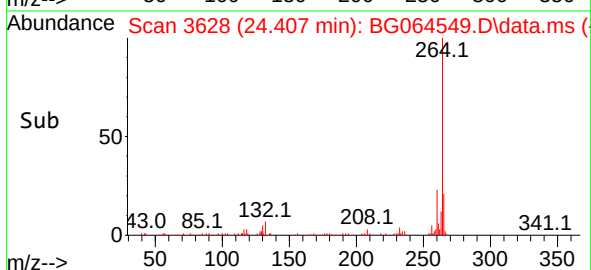
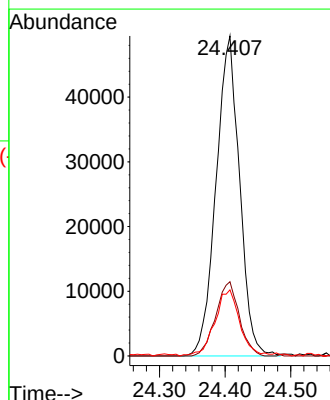
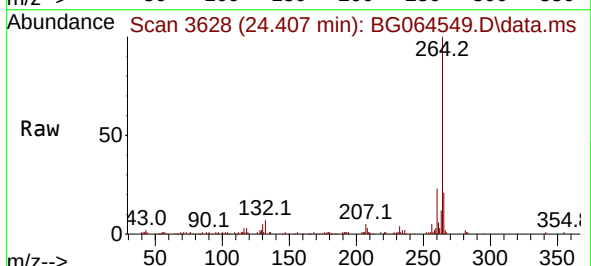
Tgt Ion:264 Resp: 122784

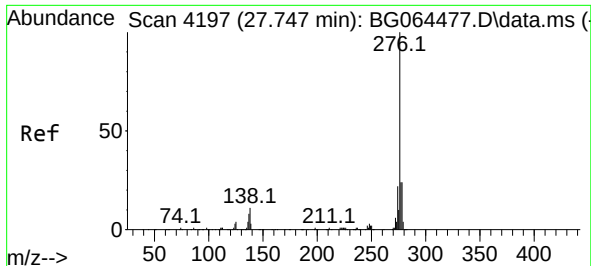
Ion Ratio Lower Upper

264 100

260 23.2 16.2 24.4

265 20.7 15.0 22.4

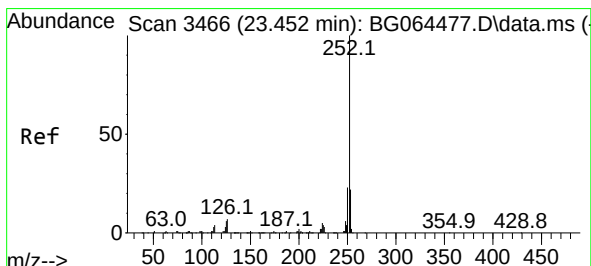
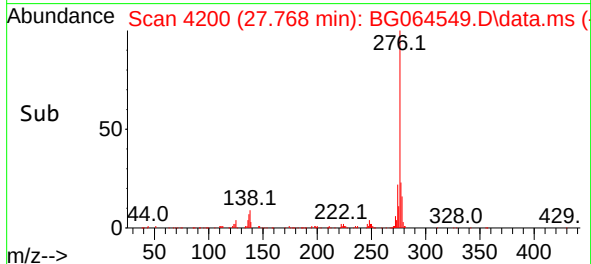
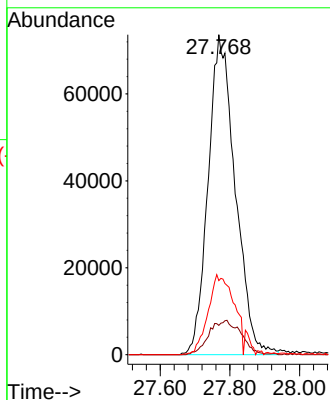
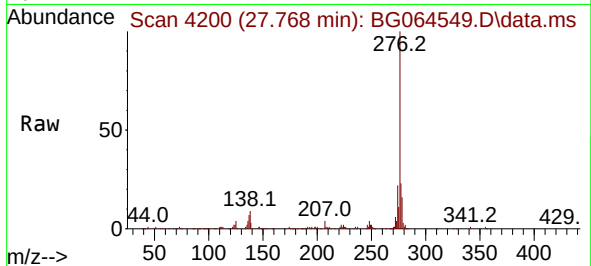




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.550 ng
 RT: 27.768 min Scan# 4197
 Delta R.T. 0.036 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

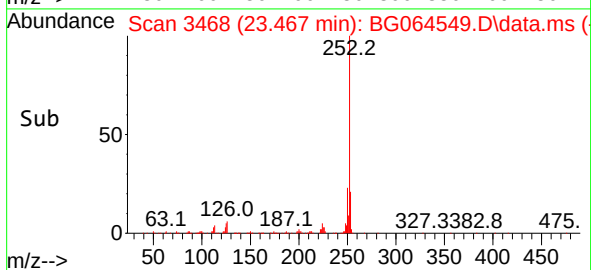
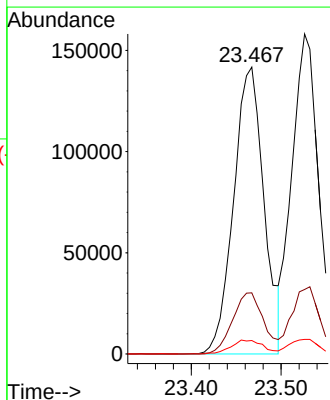
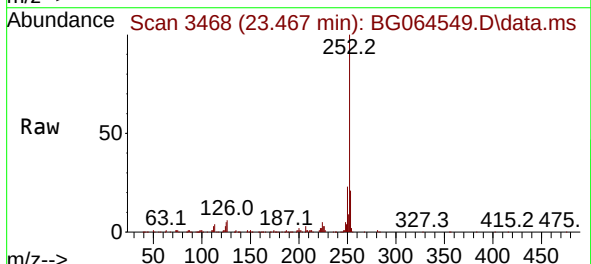
Instrument :
 BNA_G
 ClientSampleId :
 PB170165BS

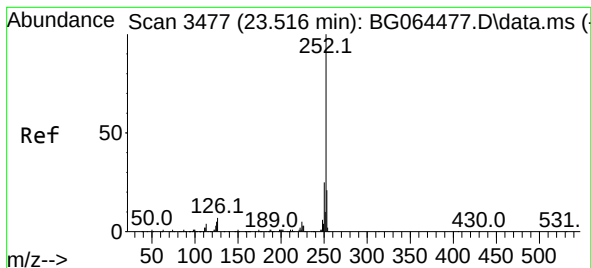
Tgt Ion:276 Resp: 397838
 Ion Ratio Lower Upper
 276 100
 138 4.6 10.8 16.2#
 277 23.8 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 47.683 ng
 RT: 23.467 min Scan# 3468
 Delta R.T. 0.018 min
 Lab File: BG064549.D
 Acq: 20 Oct 2025 14:25

Tgt Ion:252 Resp: 333073
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.5 26.3
 125 4.7 4.5 6.7





#89

Benzo(k)fluoranthene

Concen: 46.004 ng

RT: 23.526 min Scan# 34

Delta R.T. 0.018 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

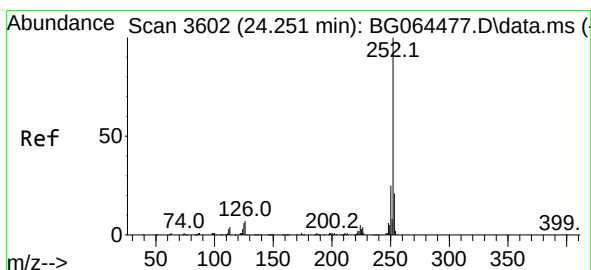
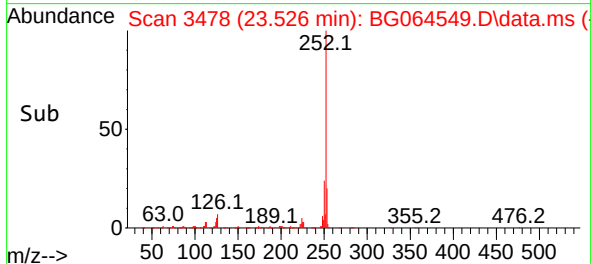
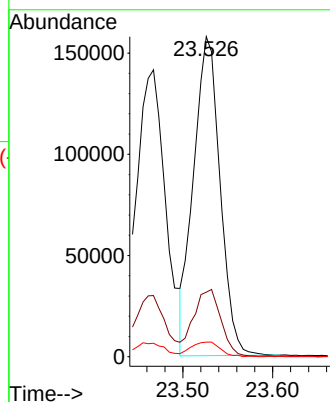
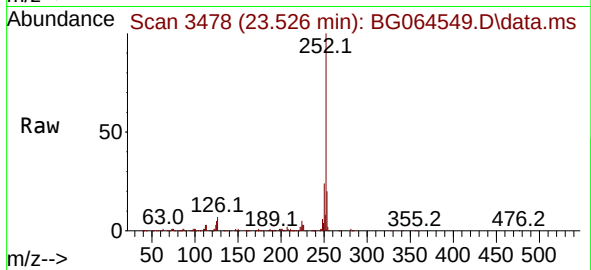
Tgt Ion:252 Resp: 323651

Ion Ratio Lower Upper

252 100

253 20.2 17.4 26.2

125 4.5 4.0 6.0



#90

Benzo(a)pyrene

Concen: 49.130 ng

RT: 24.266 min Scan# 3604

Delta R.T. 0.018 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

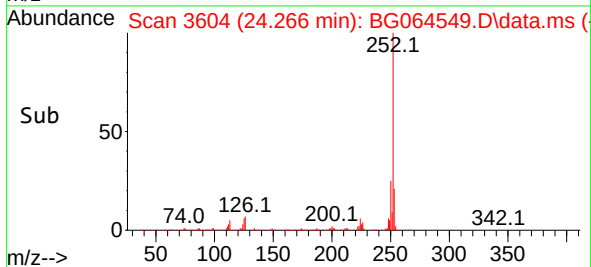
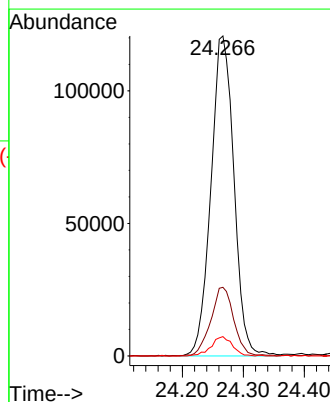
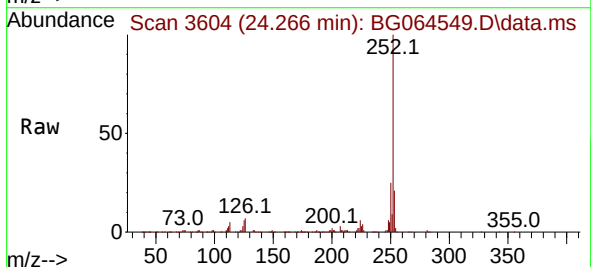
Tgt Ion:252 Resp: 316286

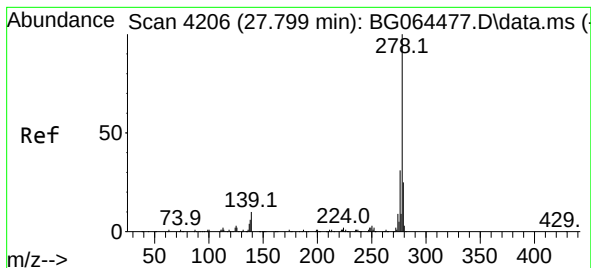
Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 6.1 4.6 6.8





#91

Dibenzo(a,h)anthracene

Concen: 48.721 ng

RT: 27.827 min Scan# 41

Delta R.T. 0.047 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA_G

ClientSampleId :

PB170165BS

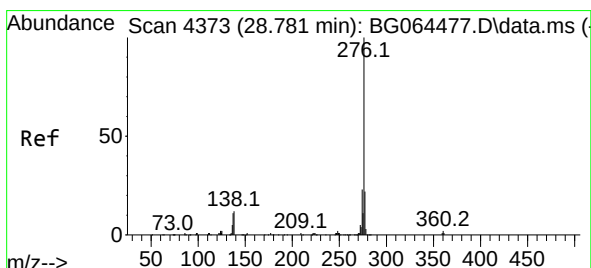
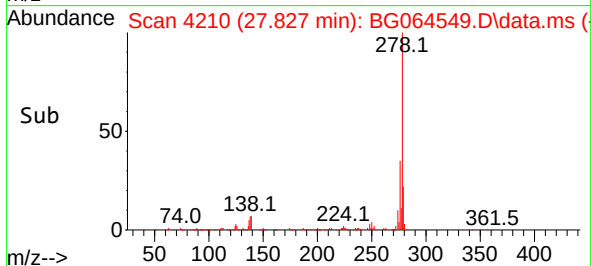
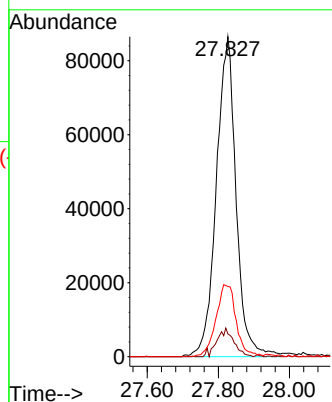
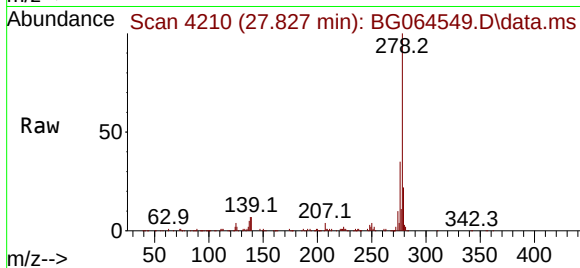
Tgt Ion:278 Resp: 332998

Ion Ratio Lower Upper

278 100

139 7.1 8.2 12.2#

279 22.0 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 48.053 ng

RT: 28.820 min Scan# 4379

Delta R.T. 0.053 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Tgt Ion:276 Resp: 319167

Ion Ratio Lower Upper

276 100

277 23.8 17.8 26.6

138 11.0 9.4 14.0

