

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
 Data File : BG064516.D
 Acq On : 16 Oct 2025 14:53
 Operator : RC/JU
 Sample : PB170122BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170122BS

Quant Time: Oct 16 16:25:43 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	7.819	152	16107	20.00	ng	0.00
21) Naphthalene-d8	10.604	136	66931	20.00	ng	0.00
39) Acenaphthene-d10	14.446	164	49434	20.00	ng	0.00
64) Phenanthrene-d10	17.190	188	121772	20.00	ng	0.00
76) Chrysene-d12	21.415	240	133204	20.00	ng	0.00
86) Perylene-d12	24.394	264	146077	20.00	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	113195	130.06	ng	0.00
7) Phenol-d6	7.002	99	145083	124.05	ng	0.02
23) Nitrobenzene-d5	8.970	82	101038	81.17	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	118583	132.34	ng	0.00
45) 2-Fluorobiphenyl	13.072	172	279862	83.45	ng	0.00
79) Terphenyl-d14	19.805	244	600888	85.37	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.312	88	10638	30.90	ng	97
3) Pyridine	3.706	79	28288	30.58	ng	98
4) n-Nitrosodimethylamine	3.618	42	27541	41.06	ng	100
6) Aniline	7.149	93	46283	31.37	ng	97
8) 2-Chlorophenol	7.390	128	47137	44.11	ng	93
9) Benzaldehyde	6.955	77	20100	19.36	ng	95
10) Phenol	7.026	94	55574	45.04	ng	94
11) bis(2-Chloroethyl)ether	7.243	93	32253	38.60	ng	94
12) 1,3-Dichlorobenzene	7.707	146	48745	41.69	ng	92
13) 1,4-Dichlorobenzene	7.854	146	49294	42.01	ng	96
14) 1,2-Dichlorobenzene	8.171	146	49430	42.74	ng	98
15) Benzyl Alcohol	8.060	79	46945	43.58	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.342	45	51997	38.61	ng	94
17) 2-Methylphenol	8.265	107	40010	44.78	ng	95
18) Hexachloroethane	8.894	117	18228	39.36	ng	95
19) n-Nitroso-di-n-propyla...	8.624	70	32454	41.49	ng	# 95
20) 3+4-Methylphenols	8.589	107	54039	43.34	ng	97
22) Acetophenone	8.636	105	77600	47.88	ng	# 95
24) Nitrobenzene	9.017	77	51013	41.10	ng	97
25) Isophorone	9.540	82	93894	41.64	ng	98
26) 2-Nitrophenol	9.723	139	25918	41.95	ng	95
27) 2,4-Dimethylphenol	9.787	122	47218	50.04	ng	88
28) bis(2-Chloroethoxy)met...	10.016	93	49083	42.70	ng	95
29) 2,4-Dichlorophenol	10.263	162	49717	45.56	ng	97
30) 1,2,4-Trichlorobenzene	10.469	180	54487	45.80	ng	96
31) Naphthalene	10.657	128	145818	42.31	ng	99
32) Benzoic acid	9.946	122	36677	50.63	ng	# 83
33) 4-Chloroaniline	10.762	127	31878	24.10	ng	97
34) Hexachlorobutadiene	10.945	225	44490	43.66	ng	96
35) Caprolactam	11.550	113	8447	22.61	ng	88
36) 4-Chloro-3-methylphenol	11.902	107	57914	43.64	ng	95
37) 2-Methylnaphthalene	12.267	142	102234	38.64	ng	99
38) 1-Methylnaphthalene	12.484	142	105848	40.12	ng	92
40) 1,2,4,5-Tetrachloroben...	12.637	216	79790	49.99	ng	# 98
41) Hexachlorocyclopentadiene	12.619	237	115915	138.83	ng	99
43) 2,4,6-Trichlorophenol	12.878	196	50559	49.55	ng	97

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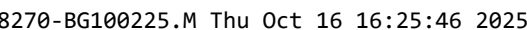
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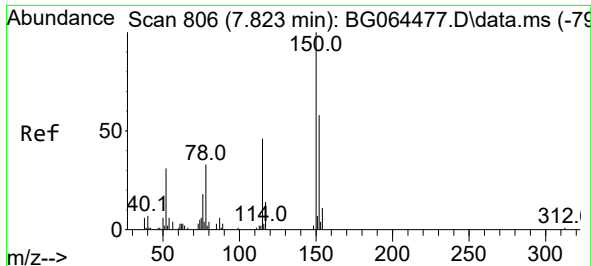
Quant Time: Oct 16 16:25:43 2025
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.954	196	53988	47.39	ng	93
46) 1,1'-Biphenyl	13.277	154	177211	49.84	ng	99
47) 2-Chloronaphthalene	13.324	162	115866	43.65	ng	98
48) 2-Nitroaniline	13.530	65	40870	45.11	ng	96
49) Acenaphthylene	14.170	152	201834	51.22	ng	98
50) Dimethylphthalate	13.906	163	171578	44.32	ng	99
51) 2,6-Dinitrotoluene	14.023	165	37563	46.57	ng	94
52) Acenaphthene	14.511	154	122036	44.58	ng	96
53) 3-Nitroaniline	14.352	138	23407	31.47	ng	95
54) 2,4-Dinitrophenol	14.564	184	49175	84.09	ng	93
55) Dibenzofuran	14.846	168	205969	45.56	ng	97
56) 4-Nitrophenol	14.681	139	57074	97.46	ng	94
57) 2,4-Dinitrotoluene	14.817	165	57612	46.73	ng #	93
58) Fluorene	15.498	166	171657	45.68	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.075	232	55741	47.95	ng	100
60) Diethylphthalate	15.275	149	183242	44.12	ng	99
61) 4-Chlorophenyl-phenyle...	15.486	204	90404	44.06	ng	97
62) 4-Nitroaniline	15.522	138	36916	47.62	ng #	84
63) Azobenzene	15.780	77	144812	45.02	ng	98
65) 4,6-Dinitro-2-methylph...	15.580	198	39050	46.06	ng	90
66) n-Nitrosodiphenylamine	15.704	169	148559	45.69	ng	98
67) 4-Bromophenyl-phenylether	16.385	248	64024	44.68	ng	93
68) Hexachlorobenzene	16.503	284	76858	46.87	ng	92
69) Atrazine	16.656	200	67870	46.91	ng	96
70) Pentachlorophenol	16.844	266	95852	99.98	ng	97
71) Phenanthrene	17.231	178	291516	45.78	ng	100
72) Anthracene	17.319	178	293510	45.94	ng	98
73) Carbazole	17.590	167	263508	47.72	ng	100
74) Di-n-butylphthalate	18.154	149	316193	46.91	ng	99
75) Fluoranthene	19.241	202	363409	47.77	ng	98
77) Benzidine	19.429	184	112473	33.93	ng #	95
78) Pyrene	19.605	202	372284	43.07	ng	99
80) Butylbenzylphthalate	20.498	149	143137	46.71	ng	97
81) Benzo(a)anthracene	21.397	228	386383	45.43	ng	99
82) 3,3'-Dichlorobenzidine	21.321	252	86920	30.19	ng	99
83) Chrysene	21.462	228	362437	44.93	ng	98
84) Bis(2-ethylhexyl)phtha...	21.321	149	198697	45.96	ng	97
85) Di-n-octyl phthalate	22.443	149	341112	46.94	ng	99
87) Indeno(1,2,3-cd)pyrene	27.754	276	473100	46.53	ng	99
88) Benzo(b)fluoranthene	23.459	252	394140	47.43	ng	97
89) Benzo(k)fluoranthene	23.518	252	384546	45.94	ng	100
90) Benzo(a)pyrene	24.258	252	374057	48.84	ng #	98
91) Dibenzo(a,h)anthracene	27.807	278	386902	47.58	ng #	98
92) Benzo(g,h,i)perylene	28.806	276	376191	47.61	ng	98

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

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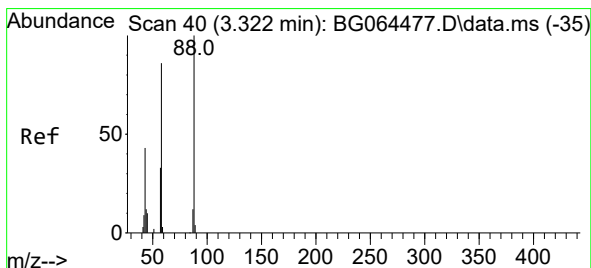
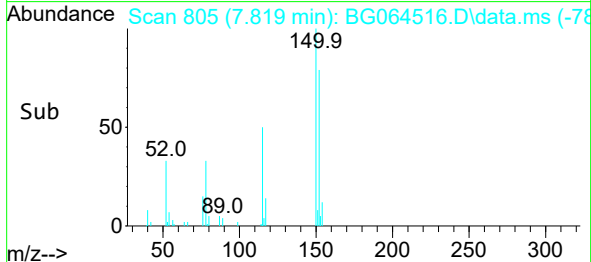
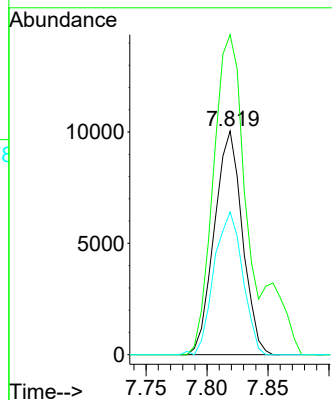
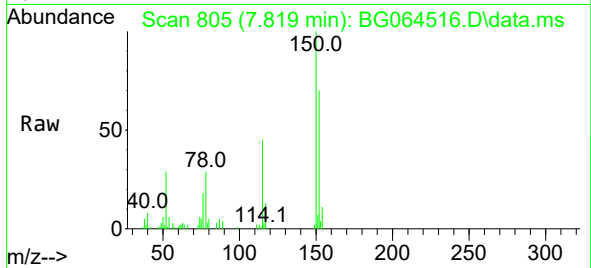




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.819 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

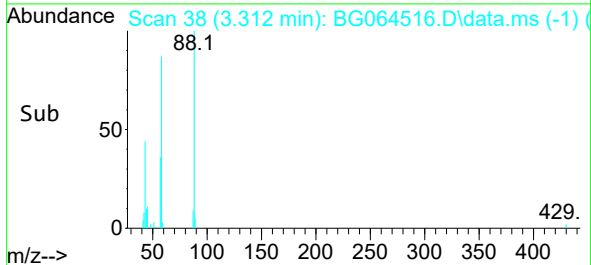
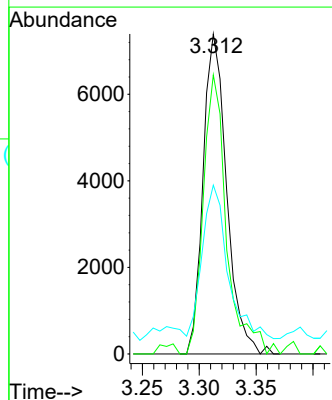
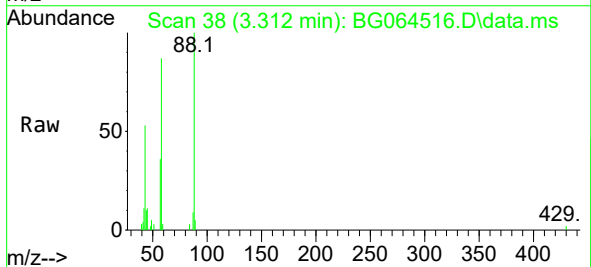
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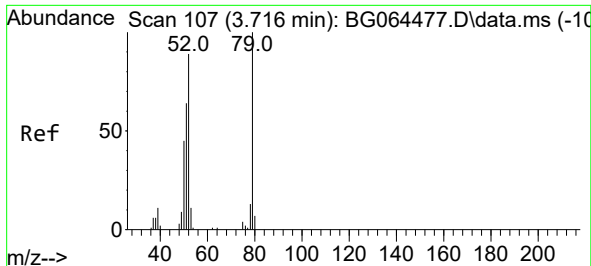
Tgt Ion:152 Resp: 16107
Ion Ratio Lower Upper
152 100
150 143.1 138.6 207.8
115 63.9 63.4 95.2



#2
1,4-Dioxane
Concen: 30.90 ng
RT: 3.312 min Scan# 38
Delta R.T. -0.007 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

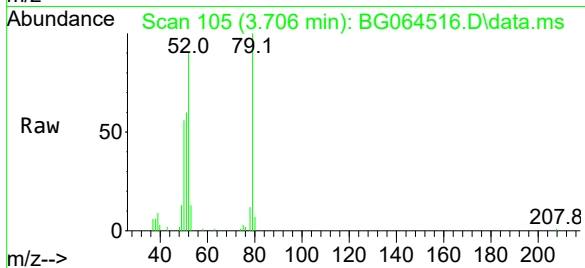
Tgt Ion: 88 Resp: 10638
Ion Ratio Lower Upper
88 100
58 86.2 69.8 104.6
43 51.8 37.4 56.0





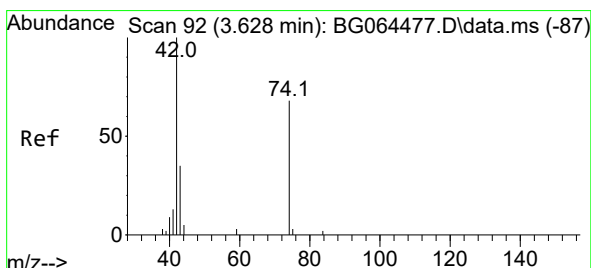
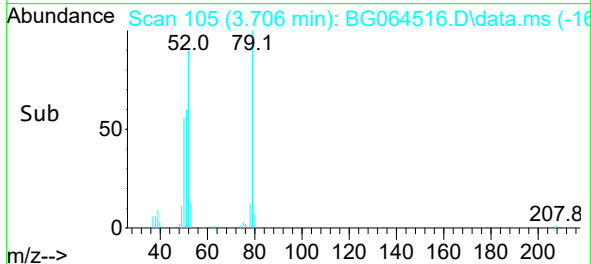
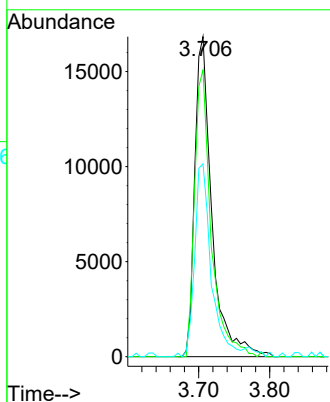
#3
Pyridine
Concen: 30.58 ng
RT: 3.706 min Scan# 107
Delta R.T. -0.007 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :
BNA_G
ClientSampleId :
PB170122BS



Tgt Ion: 79 Resp: 28288

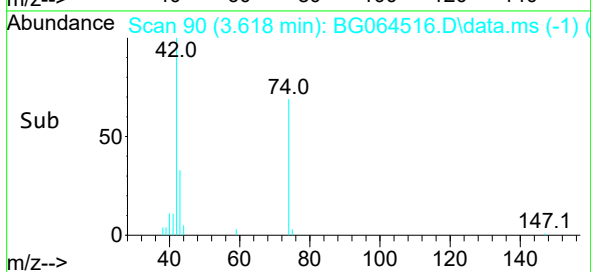
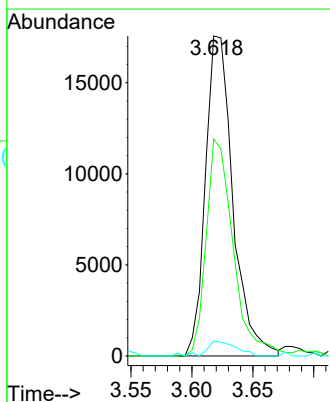
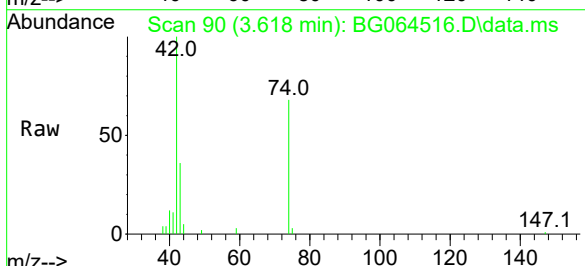
Ion	Ratio	Lower	Upper
79	100		
52	89.6	71.0	106.4
51	60.3	51.0	76.6

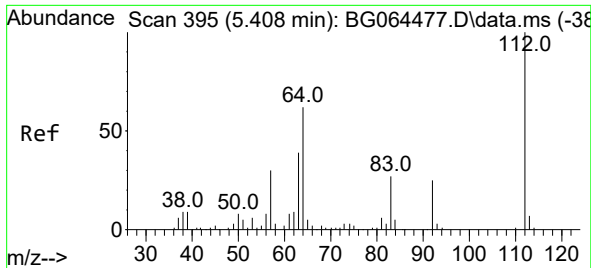


#4
n-Nitrosodimethylamine
Concen: 41.06 ng
RT: 3.618 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion: 42 Resp: 27541

Ion	Ratio	Lower	Upper
42	100		
74	67.8	54.2	81.4
44	4.7	4.2	6.2

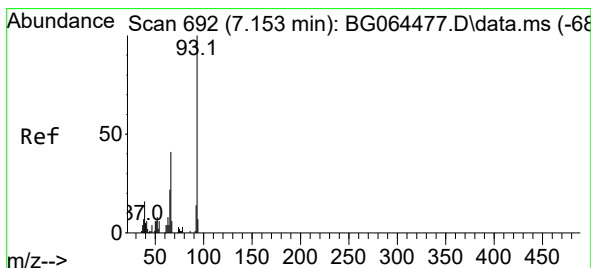
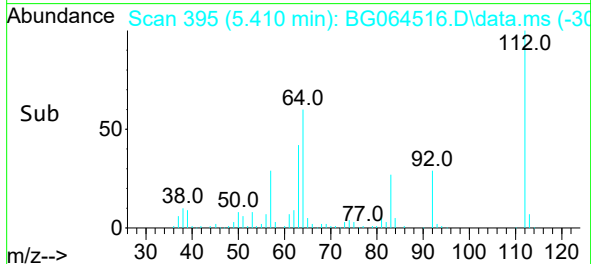
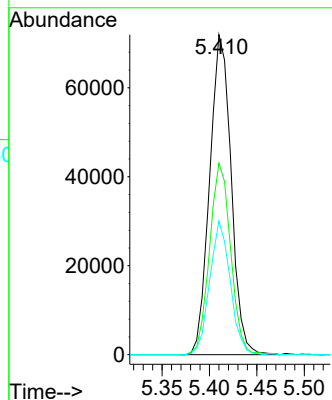
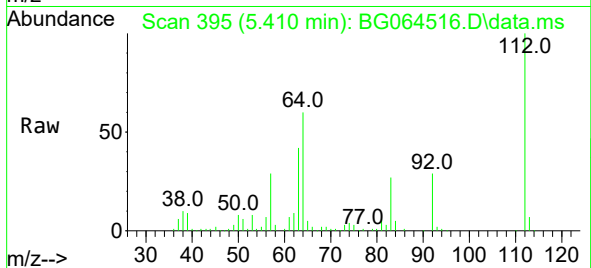




#5
2-Fluorophenol
Concen: 130.06 ng
RT: 5.410 min Scan# 395
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

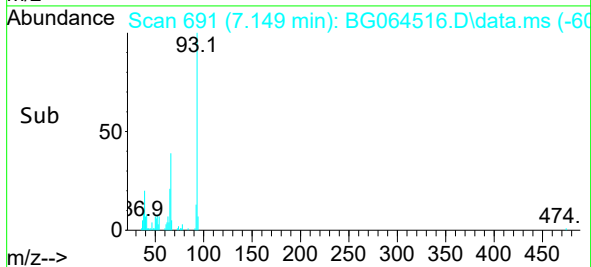
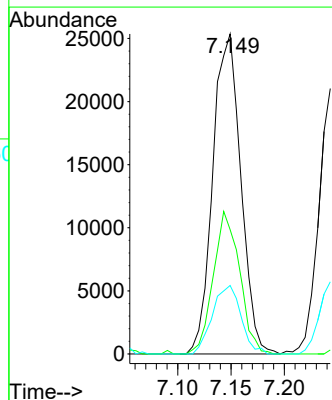
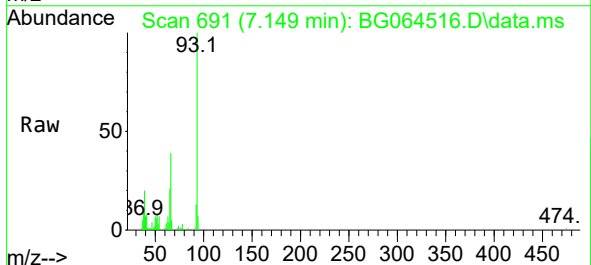
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ClientSampleId :
PB170122BS

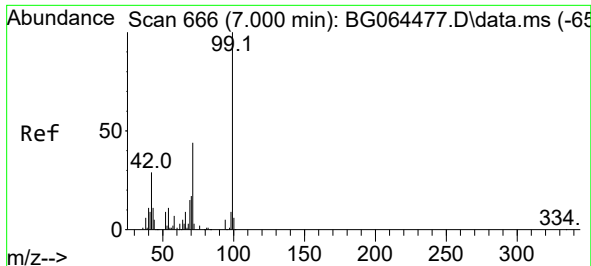
Tgt Ion:	112	Resp:	113195
Ion Ratio	Lower	Upper	
112	100		
64	59.8	49.8	74.8
63	41.7	31.3	46.9



#6
Aniline
Concen: 31.37 ng
RT: 7.149 min Scan# 691
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:	93	Resp:	46283
Ion Ratio	Lower	Upper	
93	100		
66	38.9	33.0	49.4
65	21.4	17.5	26.3

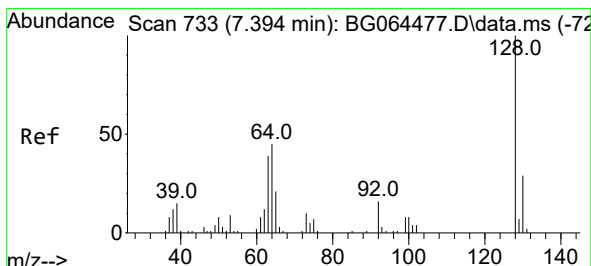
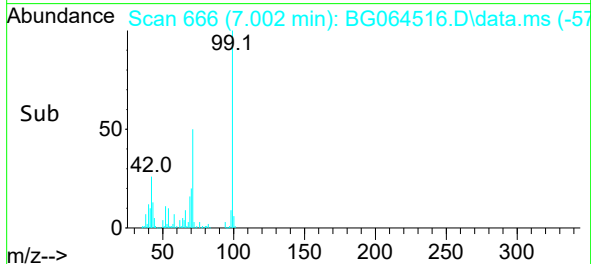
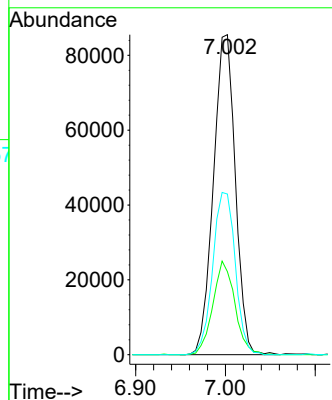
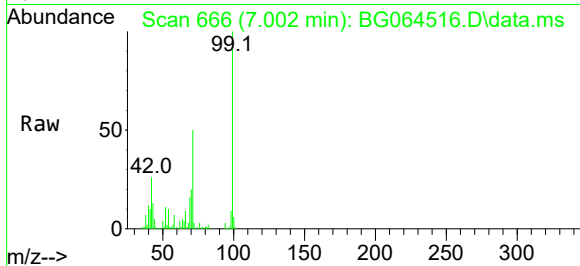




#7
Phenol-d6
Concen: 124.05 ng
RT: 7.002 min Scan# 60
Delta R.T. 0.016 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

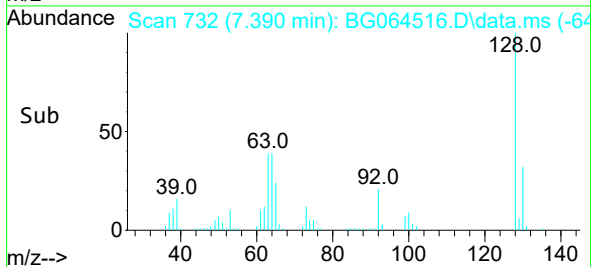
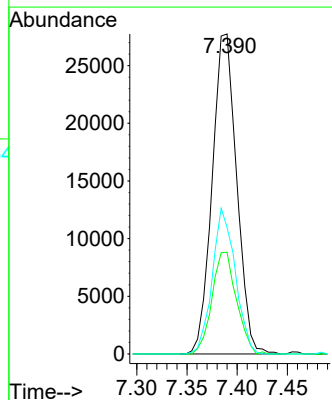
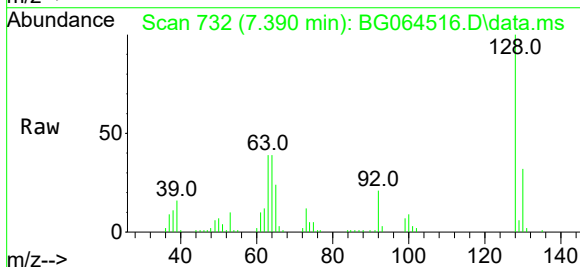
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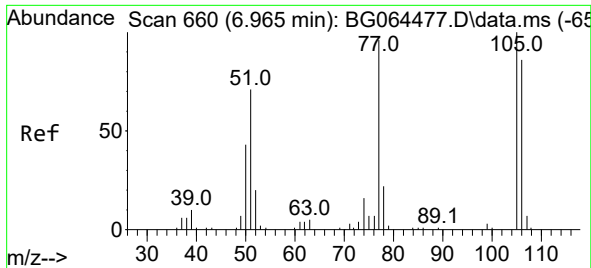
Tgt Ion: 99 Resp: 145083
Ion Ratio Lower Upper
99 100
42 26.0 22.9 34.3
71 50.2 35.4 53.2



#8
2-Chlorophenol
Concen: 44.11 ng
RT: 7.390 min Scan# 732
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:128 Resp: 47137
Ion Ratio Lower Upper
128 100
130 31.8 9.2 49.2
64 39.5 25.5 65.5

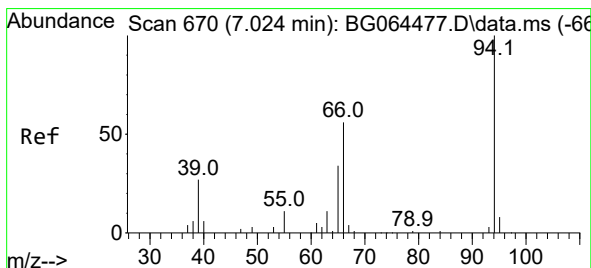
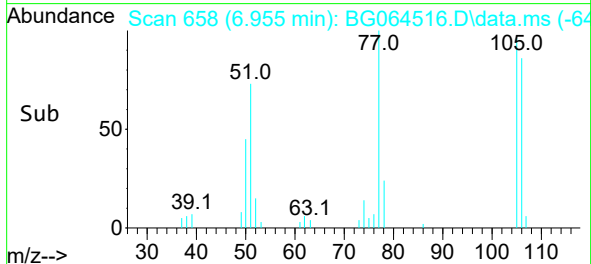
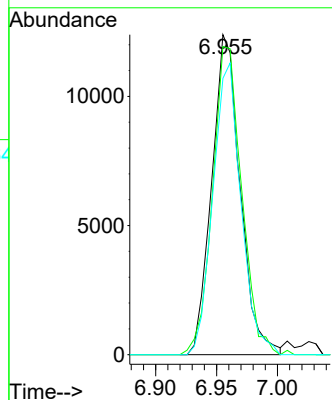
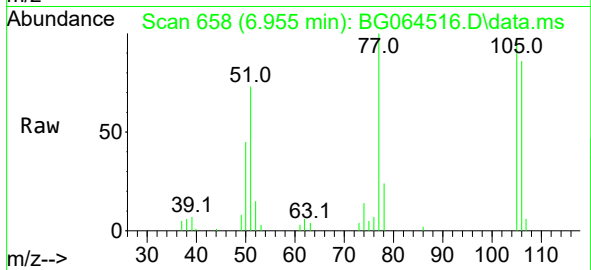




#9
Benzaldehyde
Concen: 19.36 ng
RT: 6.955 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

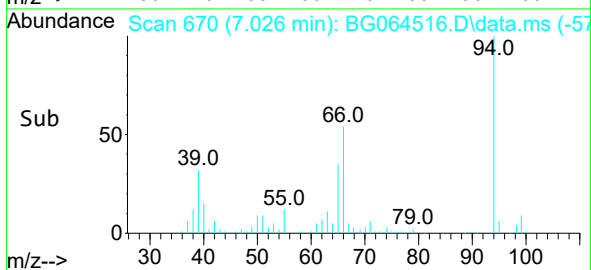
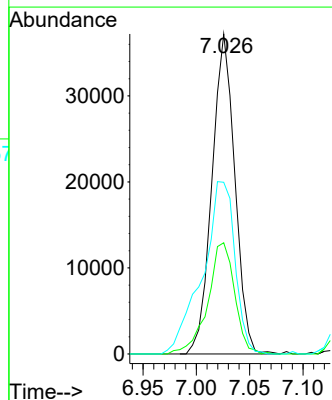
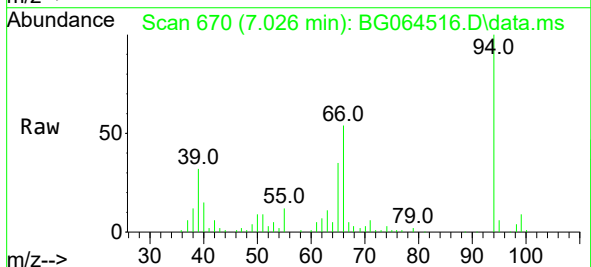
Instrument :
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ClientSampleId :
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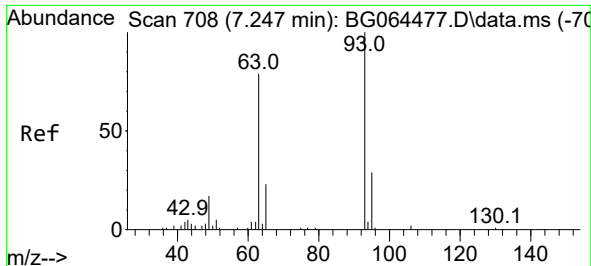
Tgt Ion: 77 Resp: 20100
Ion Ratio Lower Upper
77 100
105 96.3 83.7 123.7
106 86.4 69.4 109.4



#10
Phenol
Concen: 45.04 ng
RT: 7.026 min Scan# 670
Delta R.T. 0.010 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion: 94 Resp: 55574
Ion Ratio Lower Upper
94 100
65 34.7 14.8 54.8
66 53.7 41.4 81.4

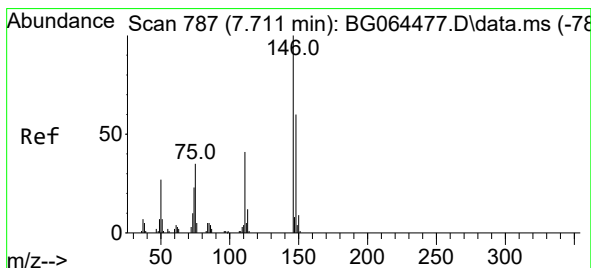
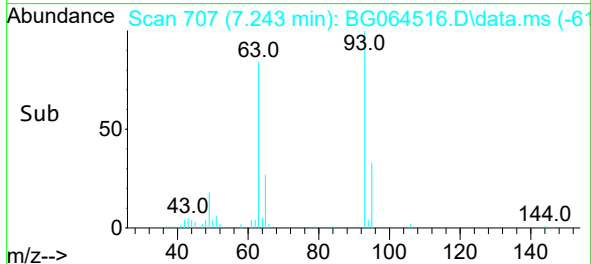
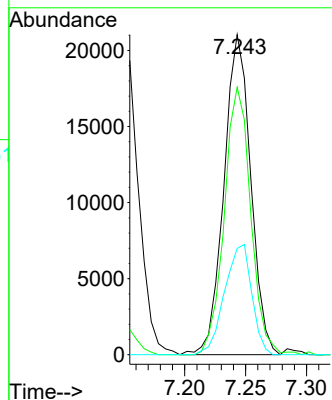
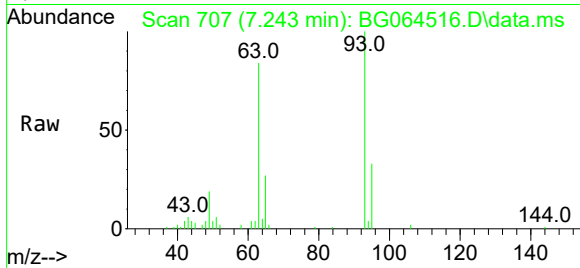




#11
bis(2-Chloroethyl)ether
Concen: 38.60 ng
RT: 7.243 min Scan# 708
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

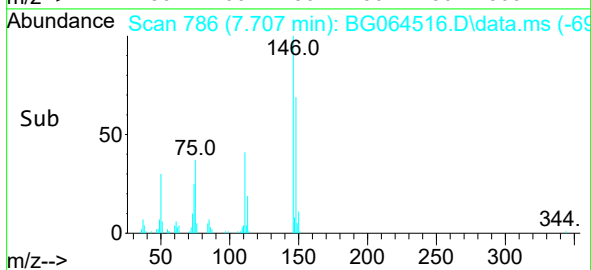
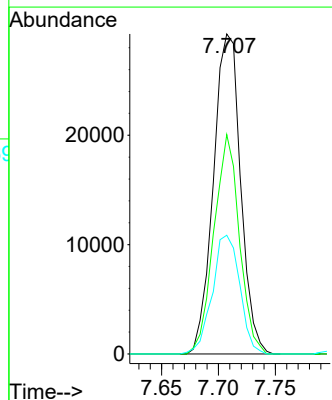
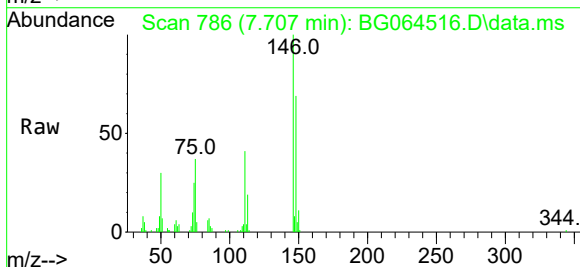
Instrument :
BNA_G
ClientSampleId :
PB170122BS

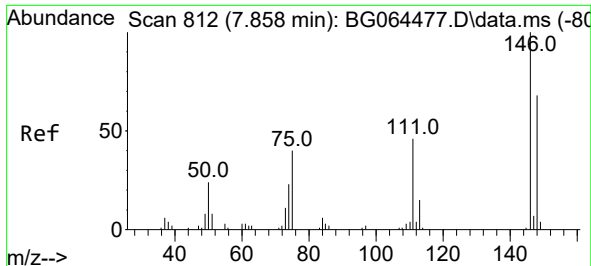
Tgt Ion: 93 Resp: 32253
Ion Ratio Lower Upper
93 100
63 83.6 59.5 99.5
95 33.2 8.8 48.8



#12
1,3-Dichlorobenzene
Concen: 41.69 ng
RT: 7.707 min Scan# 786
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:146 Resp: 48745
Ion Ratio Lower Upper
146 100
148 68.5 48.4 72.6
75 37.1 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 42.01 ng

RT: 7.854 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

PB170122BS

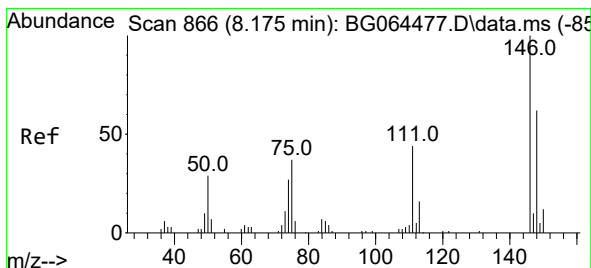
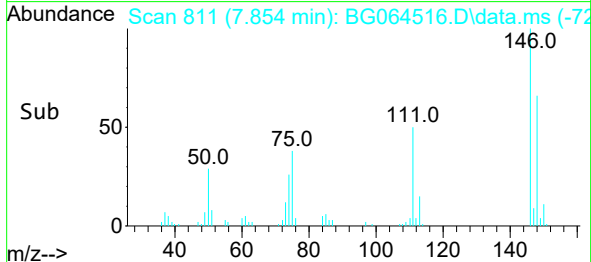
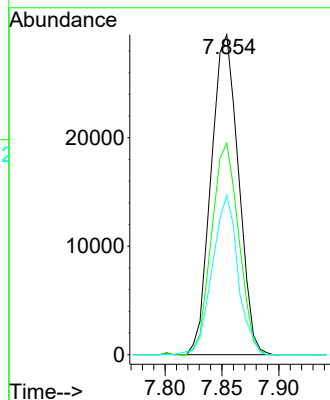
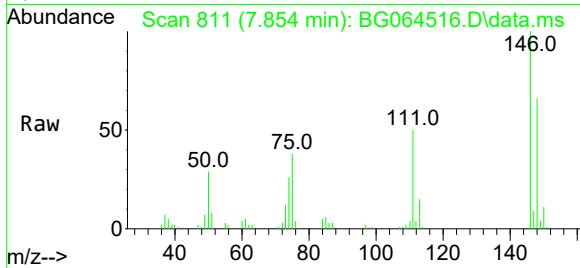
Tgt Ion:146 Resp: 49294

Ion Ratio Lower Upper

146 100

148 66.1 54.4 81.6

111 49.8 36.5 54.7



#14

1,2-Dichlorobenzene

Concen: 42.74 ng

RT: 8.171 min Scan# 865

Delta R.T. -0.002 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

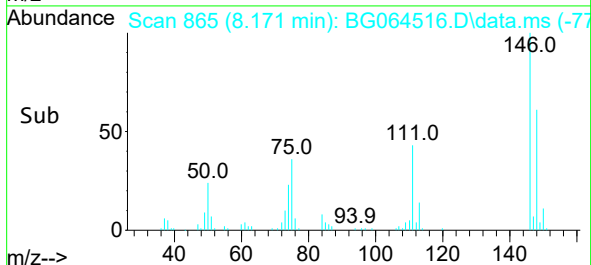
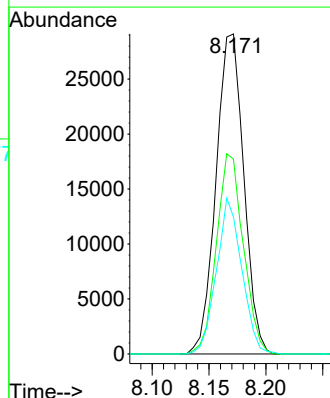
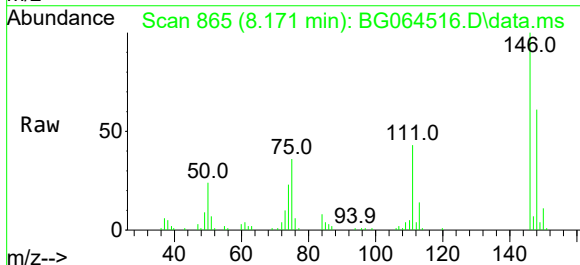
Tgt Ion:146 Resp: 49430

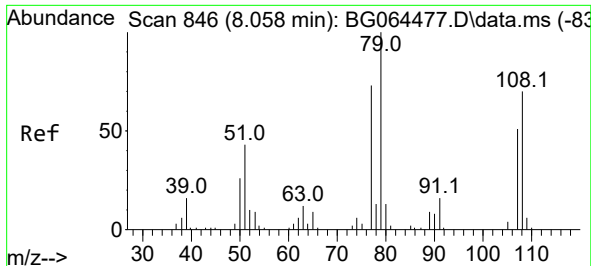
Ion Ratio Lower Upper

146 100

148 60.9 50.0 75.0

111 42.8 35.0 52.4

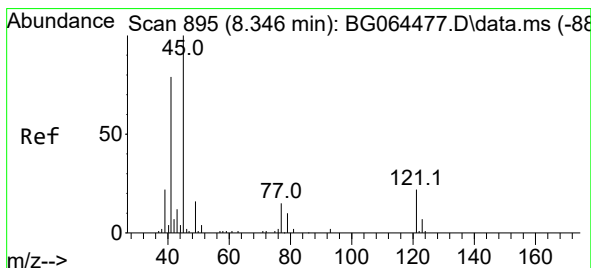
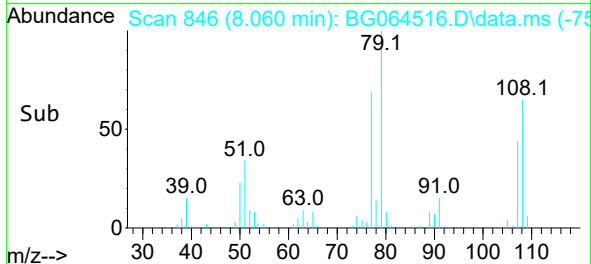
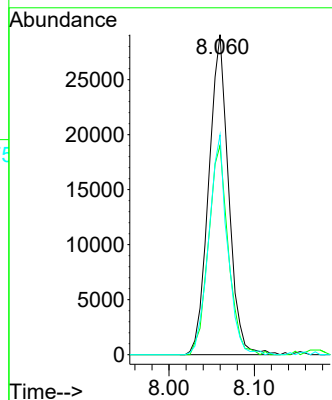
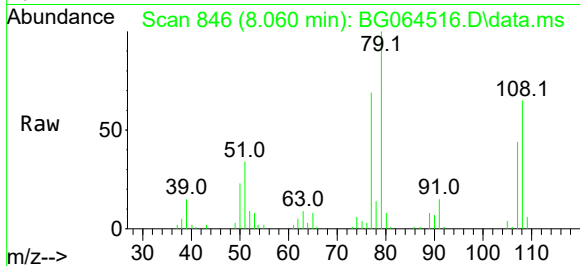




#15
Benzyl Alcohol
Concen: 43.58 ng
RT: 8.060 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

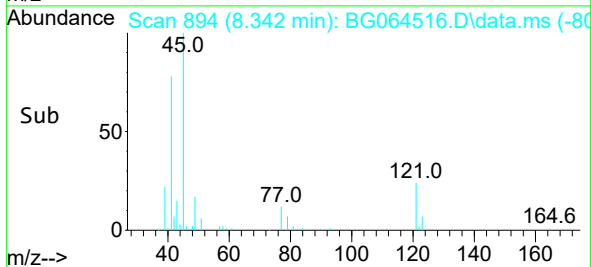
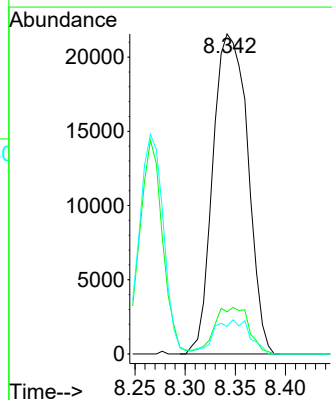
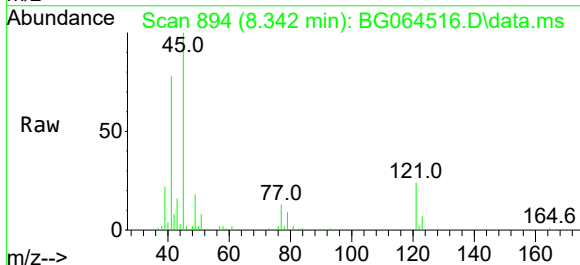
Instrument :
BNA_G
ClientSampleId :
PB170122BS

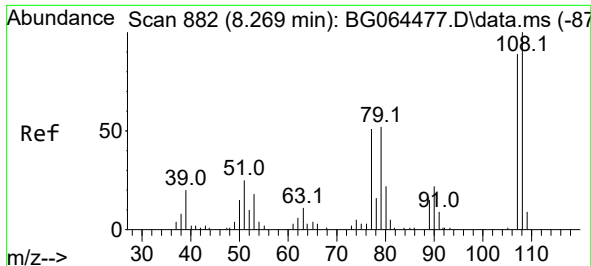
Tgt Ion: 79 Resp: 46945
Ion Ratio Lower Upper
79 100
108 65.4 56.4 84.6
77 68.7 58.3 87.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.61 ng
RT: 8.342 min Scan# 894
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion: 45 Resp: 51997
Ion Ratio Lower Upper
45 100
77 13.2 0.0 35.6
79 8.6 0.0 30.7

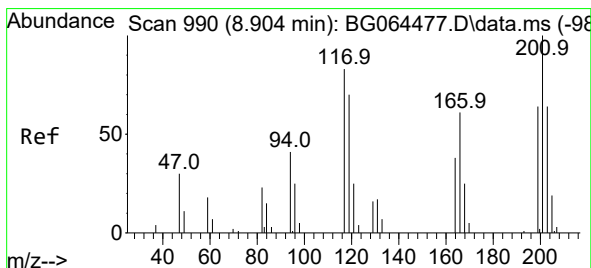
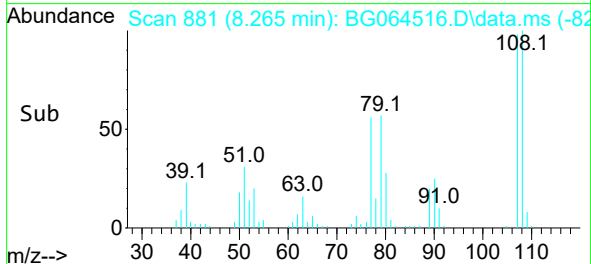
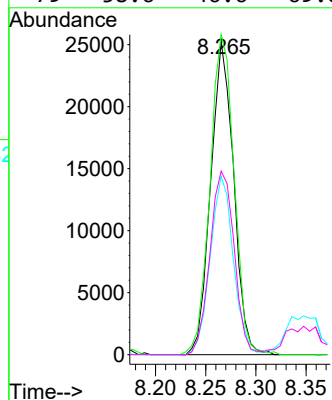
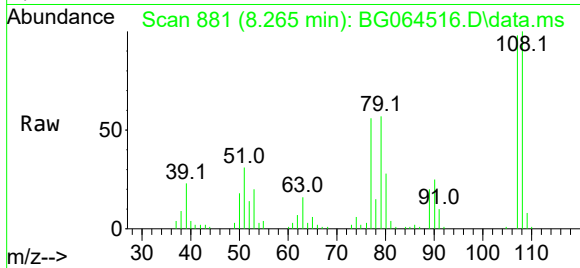




#17
2-Methylphenol
Concen: 44.78 ng
RT: 8.265 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

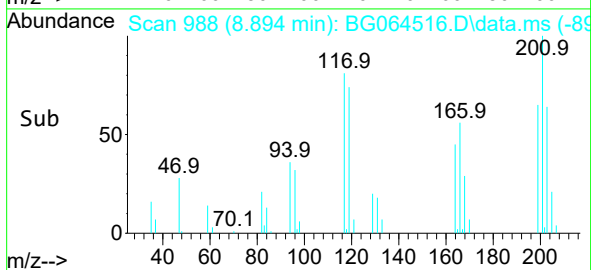
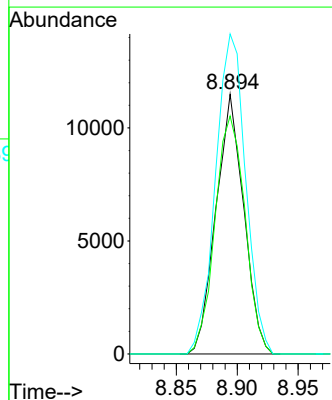
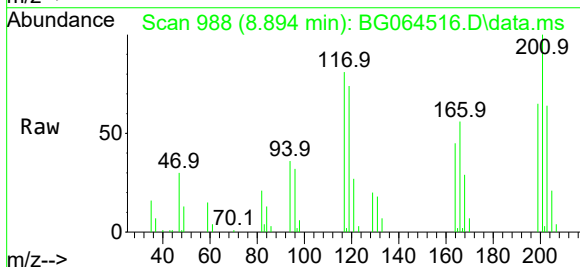
Instrument :
BNA_G
ClientSampleId :
PB170122BS

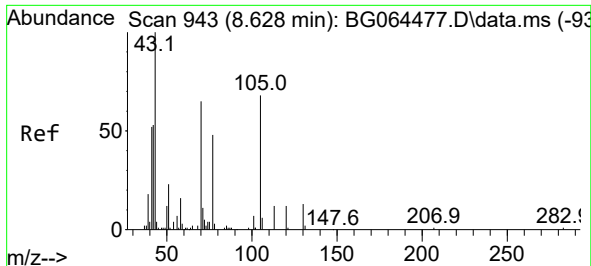
Tgt Ion:107 Resp: 40010
Ion Ratio Lower Upper
107 100
108 102.2 90.3 135.5
77 57.1 46.0 69.0
79 58.6 46.6 69.8



#18
Hexachloroethane
Concen: 39.36 ng
RT: 8.894 min Scan# 988
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:117 Resp: 18228
Ion Ratio Lower Upper
117 100
119 91.6 67.4 101.0
201 123.2 95.9 143.9

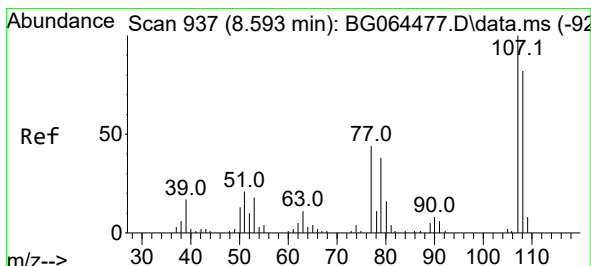
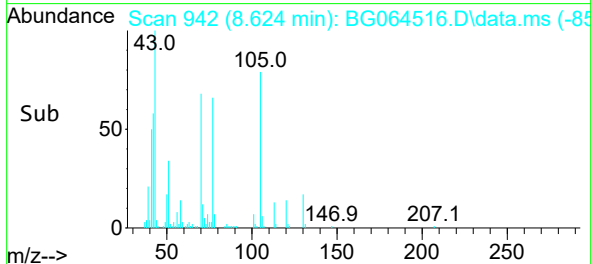
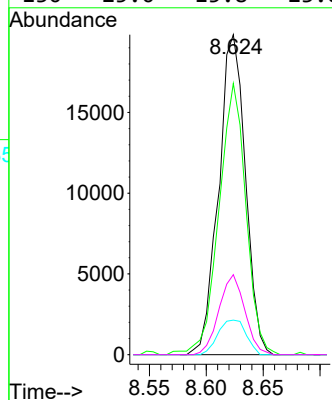
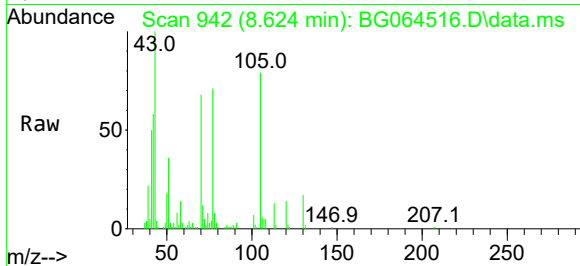




#19
n-Nitroso-di-n-propylamine
Concen: 41.49 ng
RT: 8.624 min Scan# 943
Delta R.T. 0.010 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

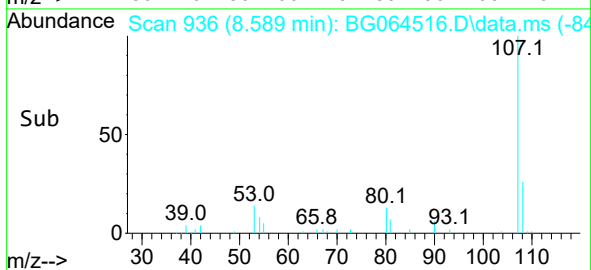
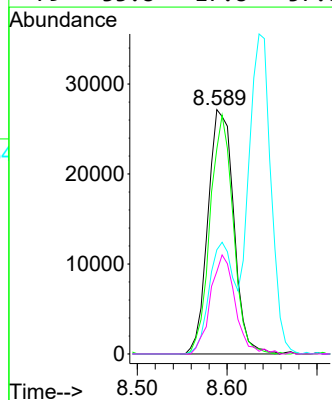
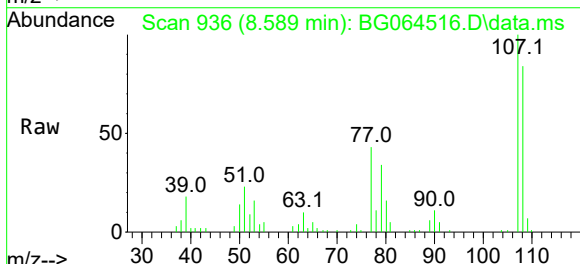
Instrument :
BNA_G
ClientSampleId :
PB170122BS

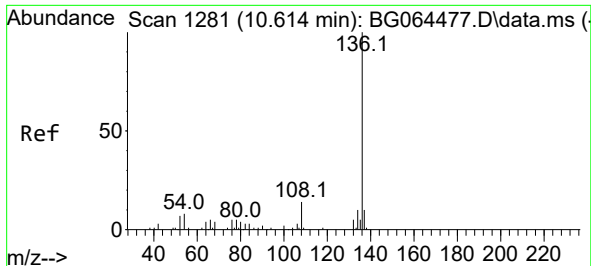
Tgt Ion: 70 Resp: 32454
Ion Ratio Lower Upper
70 100
42 84.7 64.9 97.3
101 10.8 8.7 13.1
130 25.0 15.8 23.8#



#20
3+4-Methylphenols
Concen: 43.34 ng
RT: 8.589 min Scan# 936
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion: 107 Resp: 54039
Ion Ratio Lower Upper
107 100
108 84.0 62.1 102.1
77 42.6 23.5 63.5
79 33.8 17.8 57.8

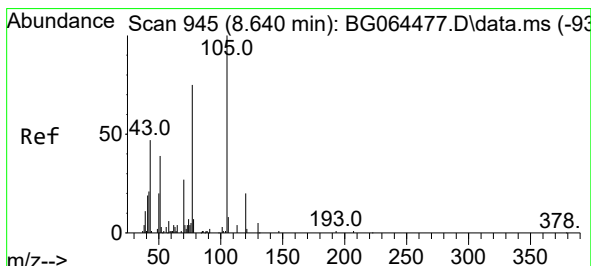
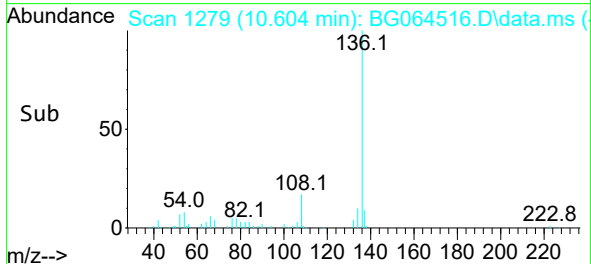
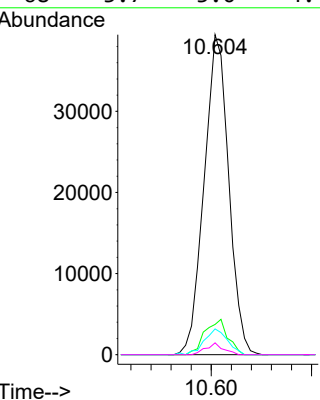
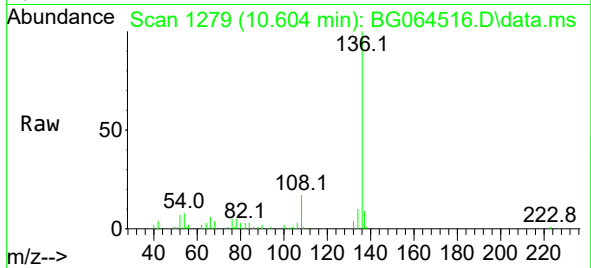




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.604 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

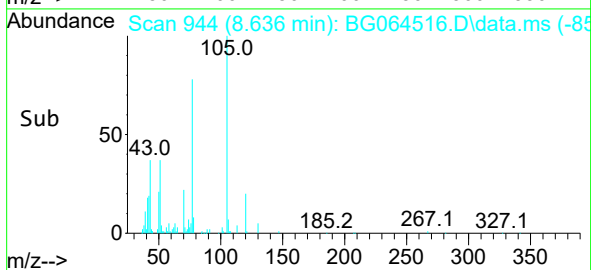
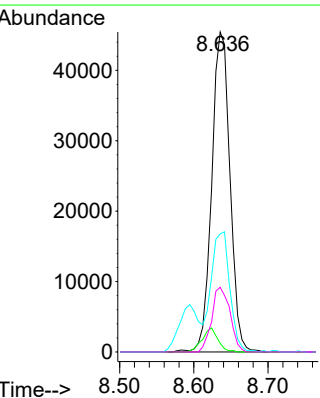
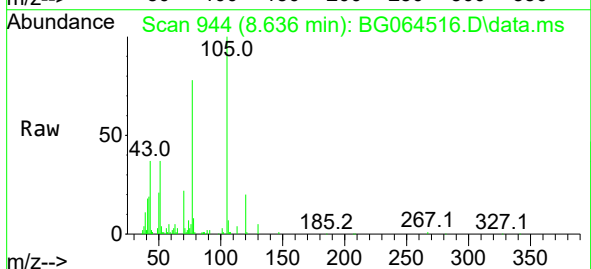
Instrument :
BNA_G
ClientSampleId :
PB170122BS

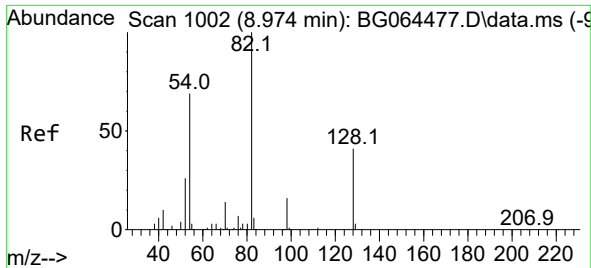
Tgt Ion:	136	Resp:	66931
Ion Ratio	Lower	Upper	
136	100		
137	9.5	8.3	12.5
54	8.1	6.2	9.4
68	3.7	3.0	4.4



#22
Acetophenone
Concen: 47.88 ng
RT: 8.636 min Scan# 944
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:	105	Resp:	77600
Ion Ratio	Lower	Upper	
105	100		
71	2.7	2.8	4.2#
51	36.9	33.0	49.4
120	20.2	15.8	23.6

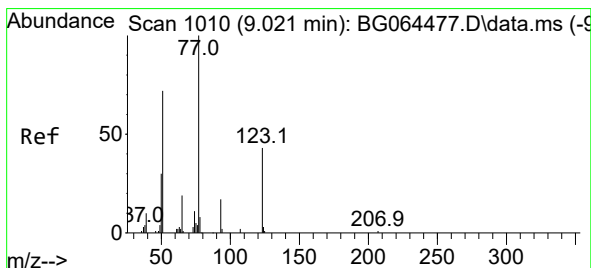
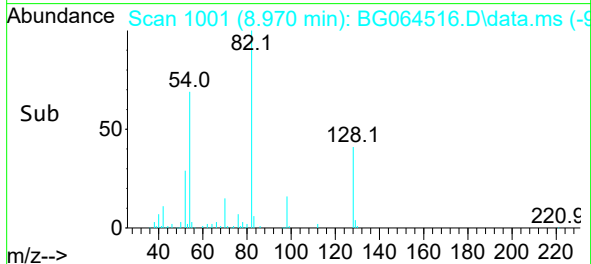
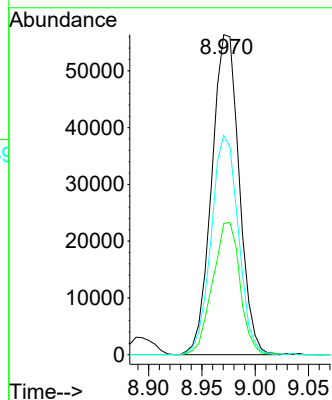
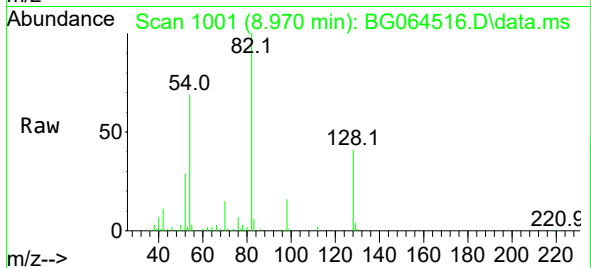




#23
Nitrobenzene-d5
Concen: 81.17 ng
RT: 8.970 min Scan# 1002
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

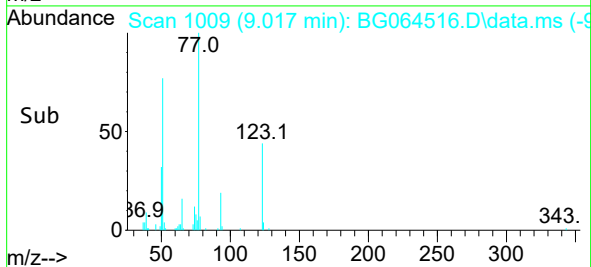
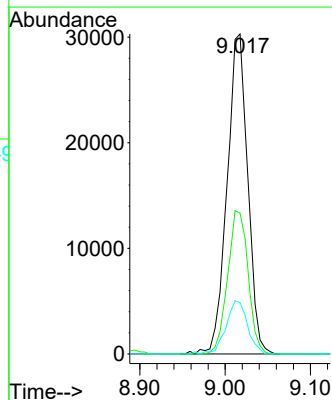
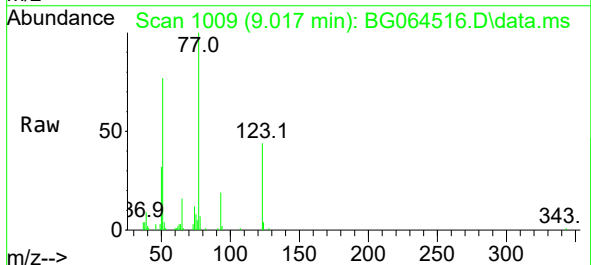
Instrument :
BNA_G
ClientSampleId :
PB170122BS

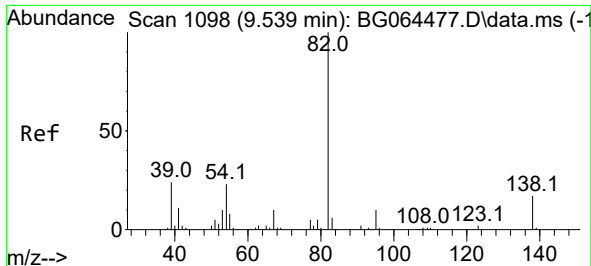
Tgt Ion: 82 Resp: 101038
Ion Ratio Lower Upper
82 100
128 41.0 33.1 49.7
54 68.5 55.4 83.2



#24
Nitrobenzene
Concen: 41.10 ng
RT: 9.017 min Scan# 1009
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion: 77 Resp: 51013
Ion Ratio Lower Upper
77 100
123 44.0 34.4 51.6
65 16.1 14.8 22.2

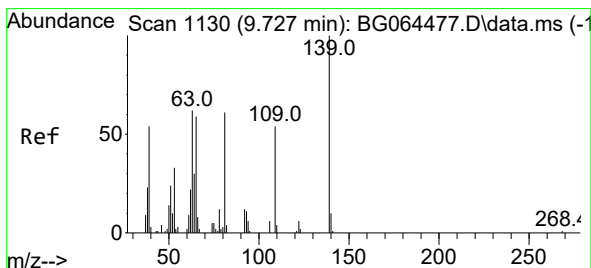
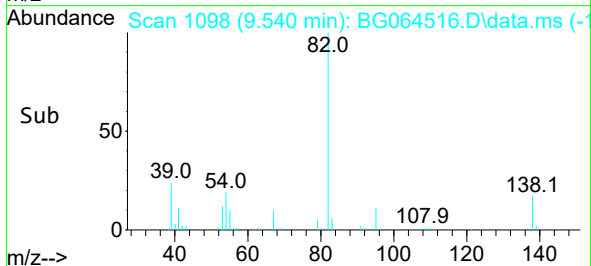
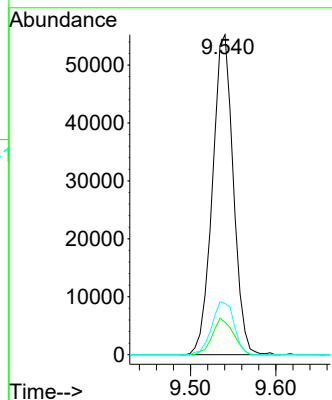
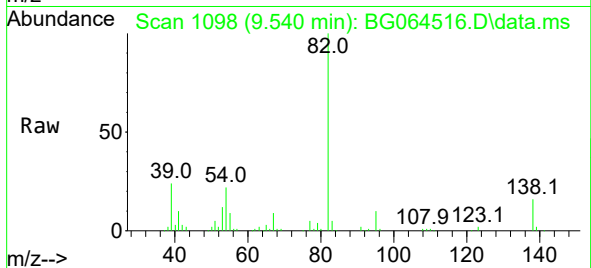




#25
Isophorone
Concen: 41.64 ng
RT: 9.540 min Scan# 1109
Delta R.T. 0.010 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

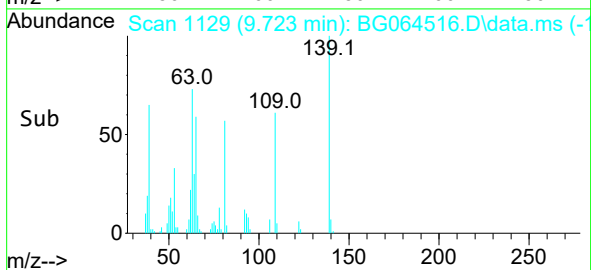
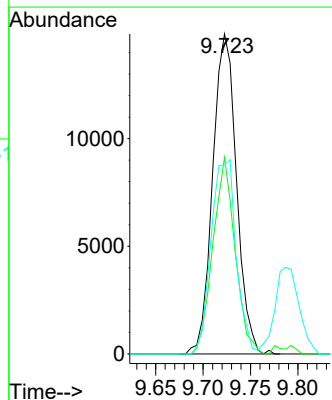
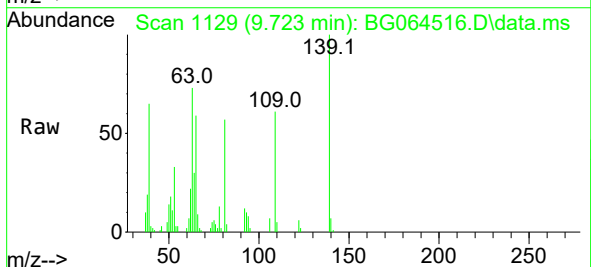
Instrument :
BNA_G
ClientSampleId :
PB170122BS

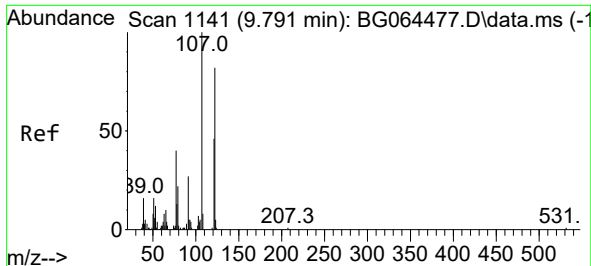
Tgt Ion: 82 Resp: 93894
Ion Ratio Lower Upper
82 100
95 10.2 7.8 11.8
138 16.0 13.8 20.6



#26
2-Nitrophenol
Concen: 41.95 ng
RT: 9.723 min Scan# 1129
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:139 Resp: 25918
Ion Ratio Lower Upper
139 100
109 61.4 43.0 64.6
65 59.0 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 50.04 ng

RT: 9.787 min Scan# 1141

Delta R.T. 0.004 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

PB170122BS

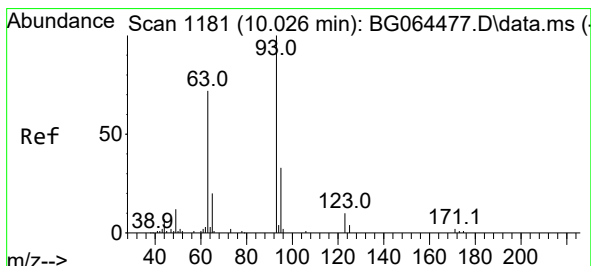
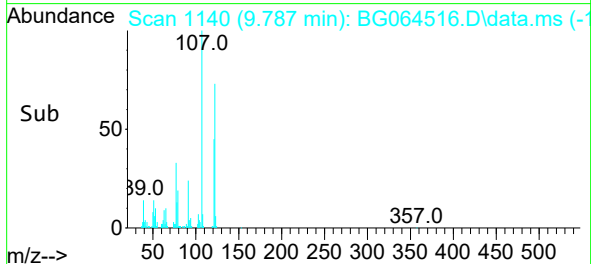
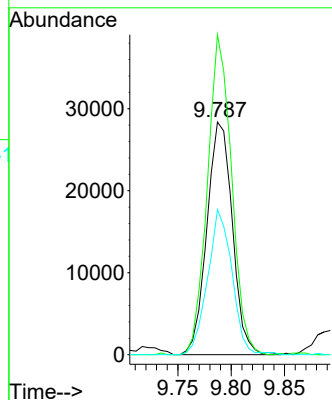
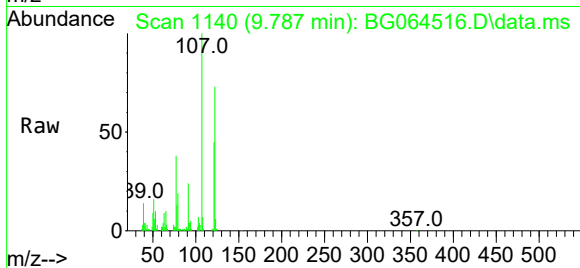
Tgt Ion:122 Resp: 47218

Ion Ratio Lower Upper

122 100

107 137.6 98.3 147.5

121 62.4 44.7 67.1



#28

bis(2-Chloroethoxy)methane

Concen: 42.70 ng

RT: 10.016 min Scan# 1179

Delta R.T. -0.002 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

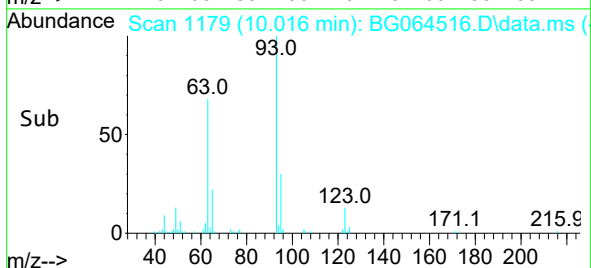
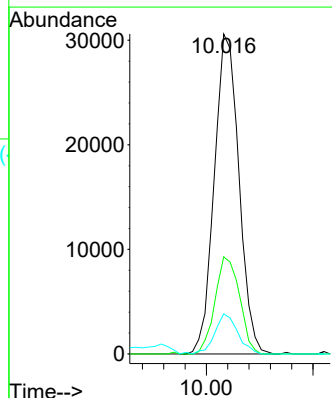
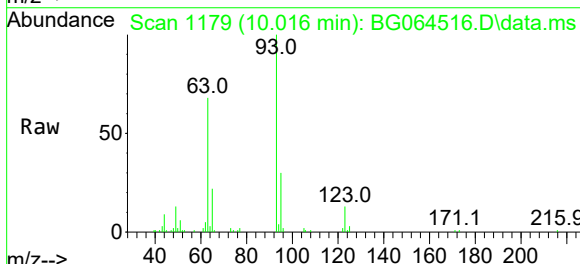
Tgt Ion: 93 Resp: 49083

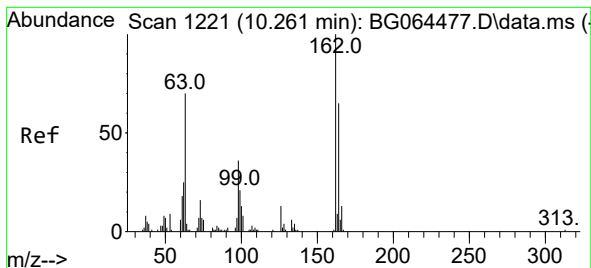
Ion Ratio Lower Upper

93 100

95 30.4 26.5 39.7

123 12.5 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 45.56 ng

RT: 10.263 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

PB170122BS

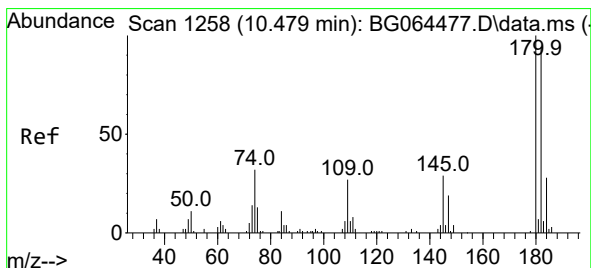
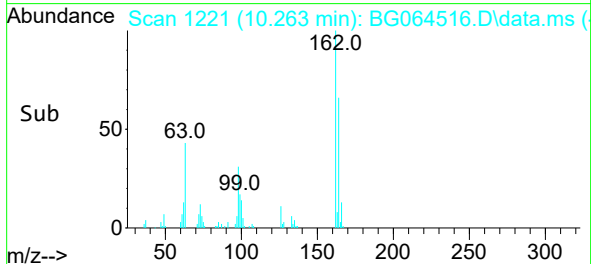
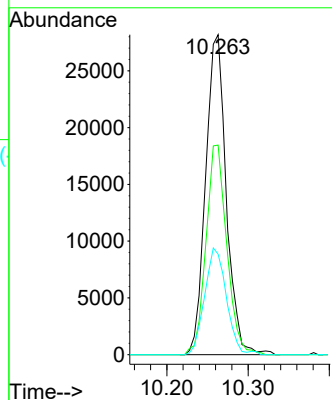
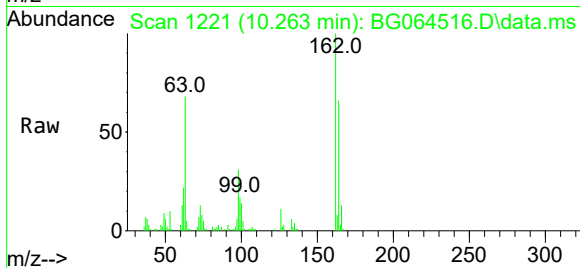
Tgt Ion:162 Resp: 49717

Ion Ratio Lower Upper

162 100

164 65.5 45.4 85.4

98 31.4 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 45.80 ng

RT: 10.469 min Scan# 1256

Delta R.T. -0.002 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

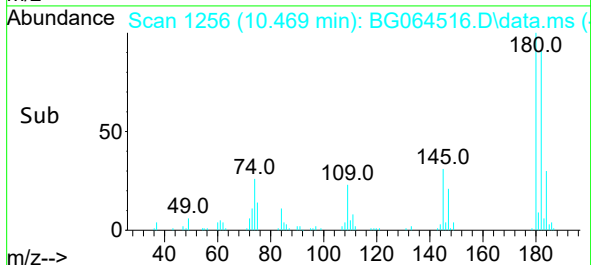
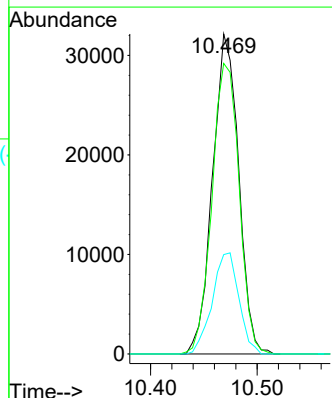
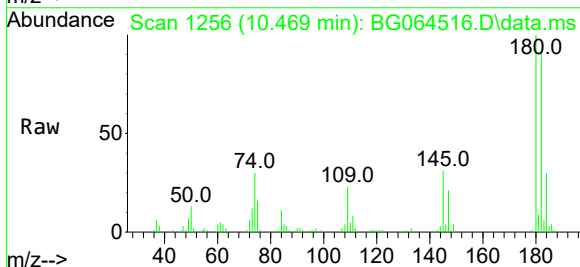
Tgt Ion:180 Resp: 54487

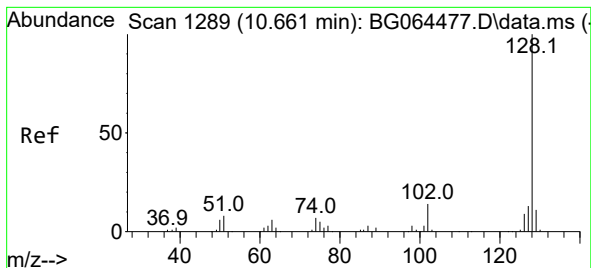
Ion Ratio Lower Upper

180 100

182 90.8 75.4 113.2

145 31.0 23.2 34.8

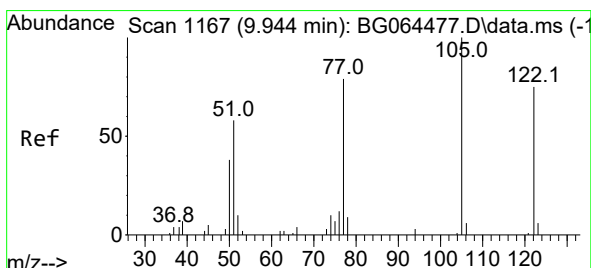
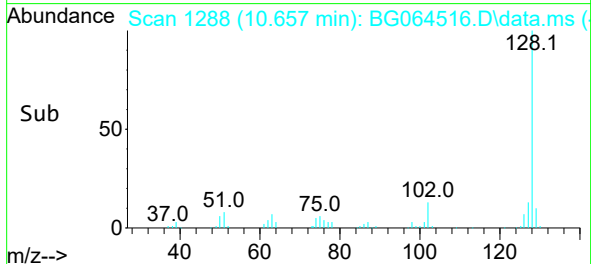
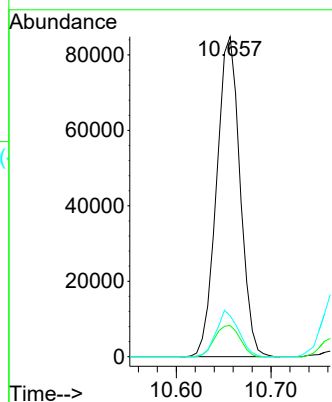
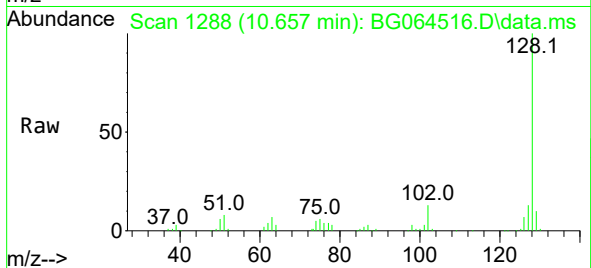




#31
Naphthalene
Concen: 42.31 ng
RT: 10.657 min Scan# 1128
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

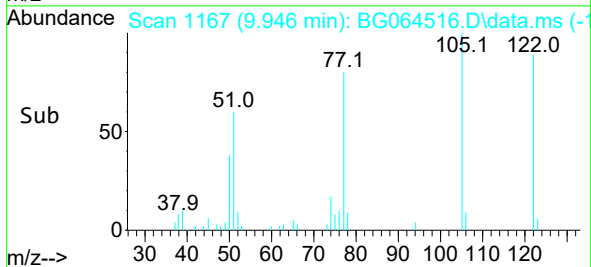
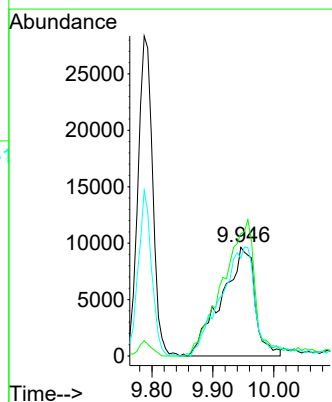
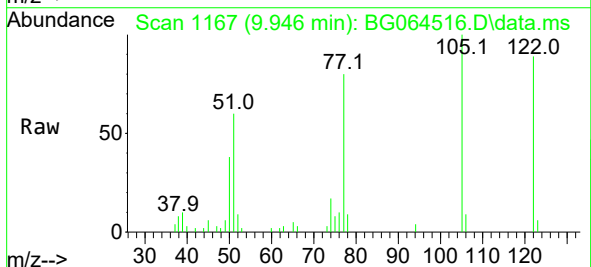
Instrument :
BNA_G
ClientSampleId :
PB170122BS

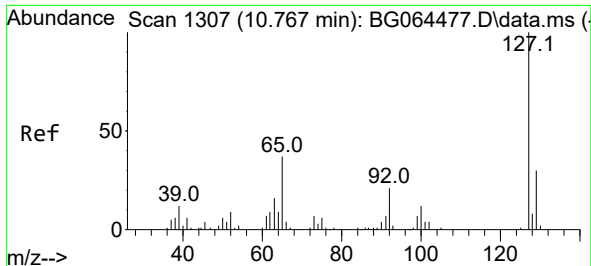
Tgt Ion:128 Resp: 145818
Ion Ratio Lower Upper
128 100
129 9.8 8.7 13.1
127 12.8 10.2 15.2



#32
Benzoic acid
Concen: 50.63 ng
RT: 9.946 min Scan# 1167
Delta R.T. 0.057 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:122 Resp: 36677
Ion Ratio Lower Upper
122 100
105 112.5 113.9 153.9#
77 90.1 86.1 126.1

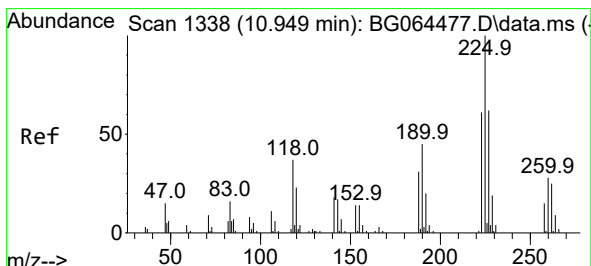
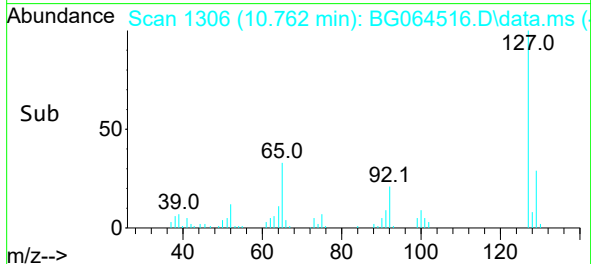
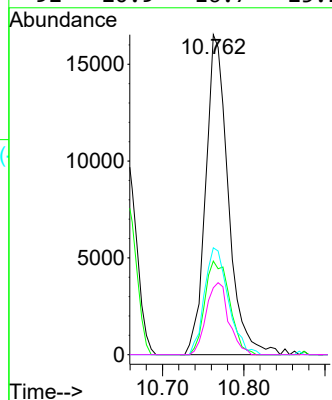
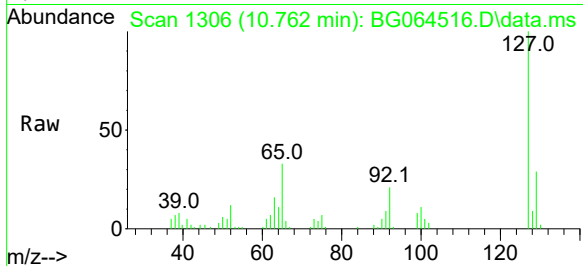




#33
4-Chloroaniline
Concen: 24.10 ng
RT: 10.762 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

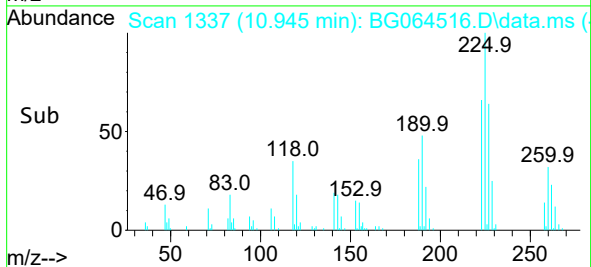
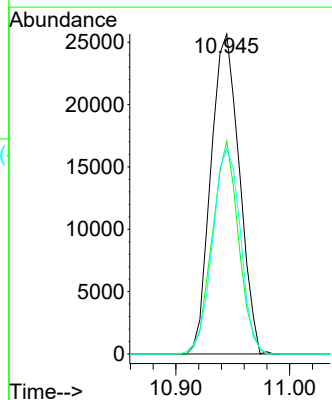
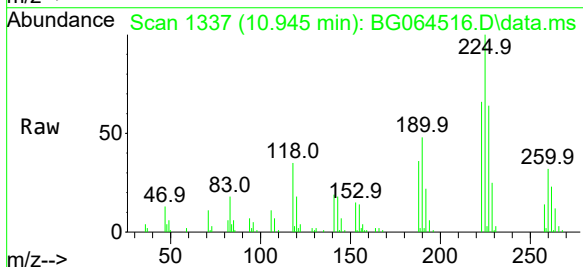
Instrument :
BNA_G
ClientSampleId :
PB170122BS

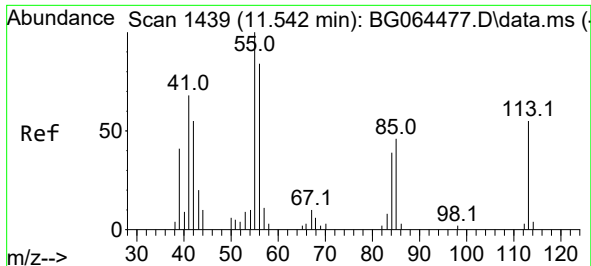
Tgt Ion:127	Resp:	31878
Ion	Ratio	Lower Upper
127	100	
129	29.2	24.2 36.4
65	33.4	29.6 44.4
92	20.9	16.7 25.1



#34
Hexachlorobutadiene
Concen: 43.66 ng
RT: 10.945 min Scan# 1337
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:225	Resp:	44490
Ion	Ratio	Lower Upper
225	100	
223	66.5	49.0 73.6
227	64.1	49.9 74.9

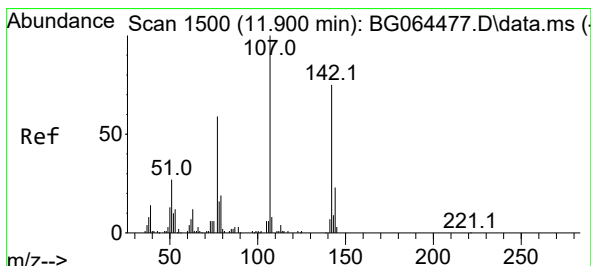
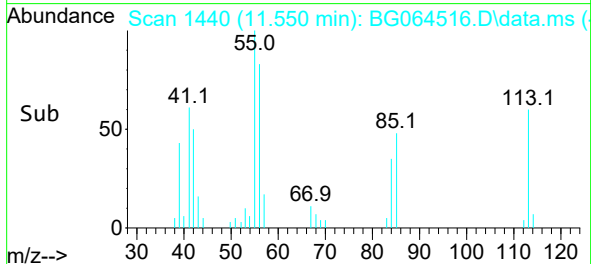
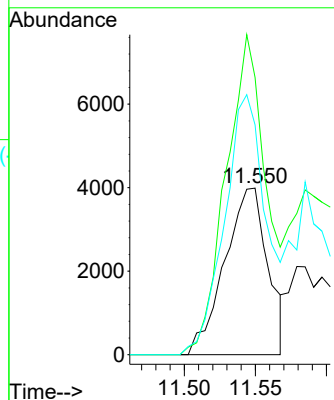
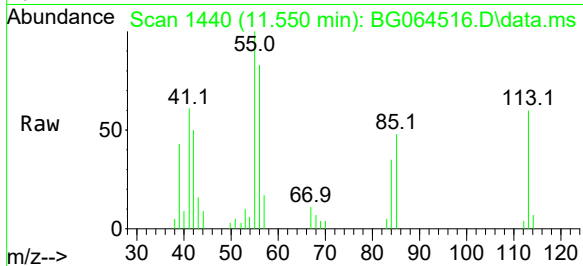




#35
 Caprolactam
 Concen: 22.61 ng
 RT: 11.550 min Scan# 1439
 Delta R.T. 0.040 min
 Lab File: BG064516.D
 Acq: 16 Oct 2025 14:53

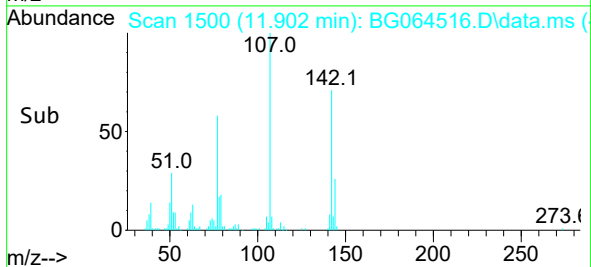
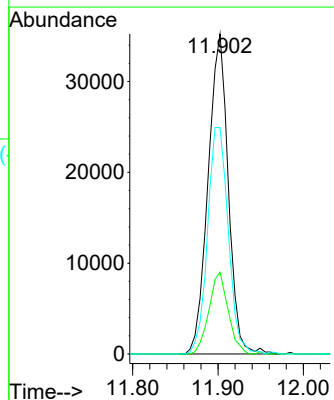
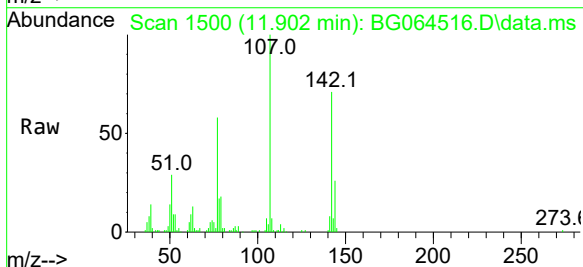
Instrument :
 BNA_G
 ClientSampleId :
 PB170122BS

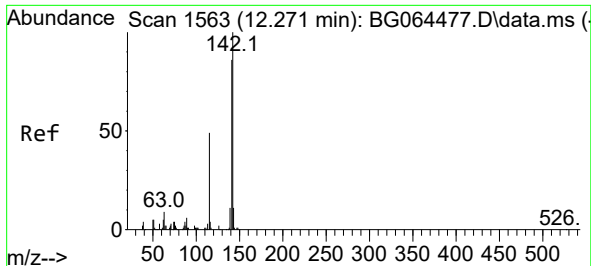
Tgt Ion:113 Resp: 8447
 Ion Ratio Lower Upper
 113 100
 55 166.4 162.0 202.0
 56 137.9 134.6 174.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.64 ng
 RT: 11.902 min Scan# 1500
 Delta R.T. 0.010 min
 Lab File: BG064516.D
 Acq: 16 Oct 2025 14:53

Tgt Ion:107 Resp: 57914
 Ion Ratio Lower Upper
 107 100
 144 25.6 18.7 28.1
 142 70.7 60.2 90.2





#37

2-Methylnaphthalene

Concen: 38.64 ng

RT: 12.267 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

PB170122BS

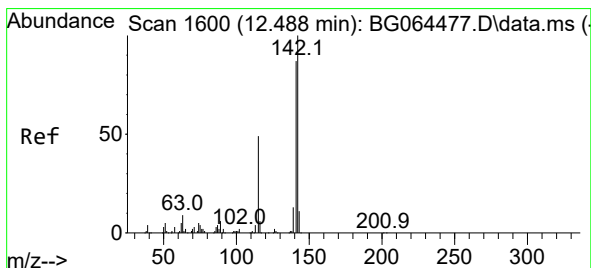
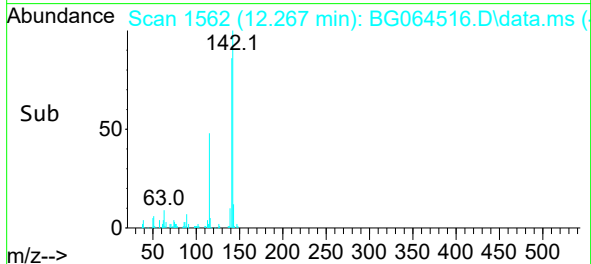
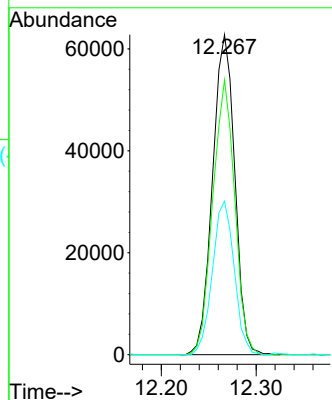
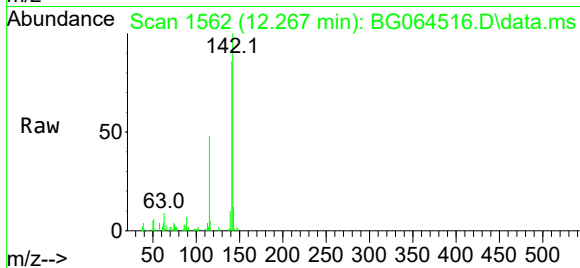
Tgt Ion:142 Resp: 102234

Ion Ratio Lower Upper

142 100

141 85.8 68.7 103.1

115 47.9 39.3 58.9



#38

1-Methylnaphthalene

Concen: 40.12 ng

RT: 12.484 min Scan# 1599

Delta R.T. -0.002 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

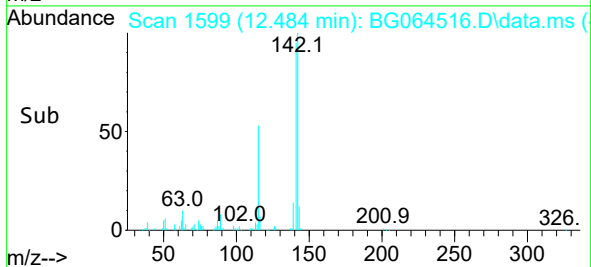
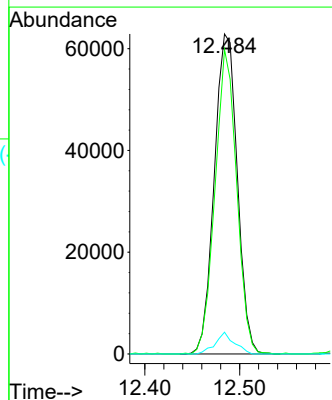
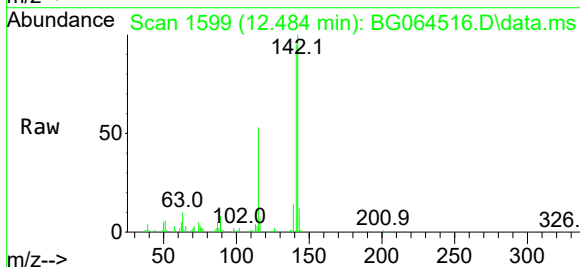
Tgt Ion:142 Resp: 105848

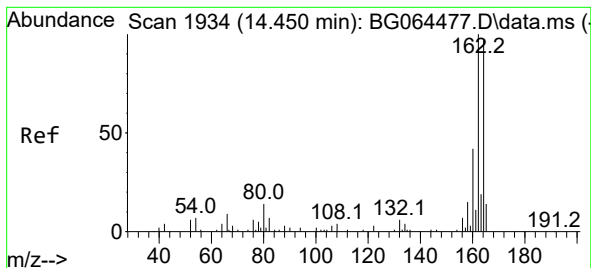
Ion Ratio Lower Upper

142 100

141 95.2 69.8 104.8

116 6.8 4.6 6.8





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.446 min Scan# 1933

Delta R.T. -0.002 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

PB170122BS

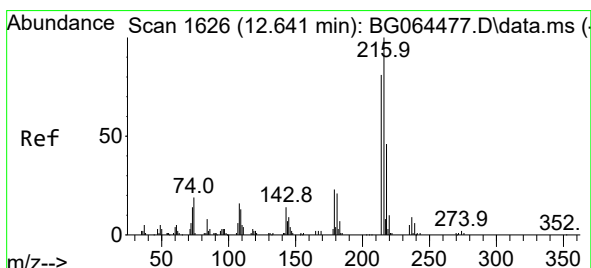
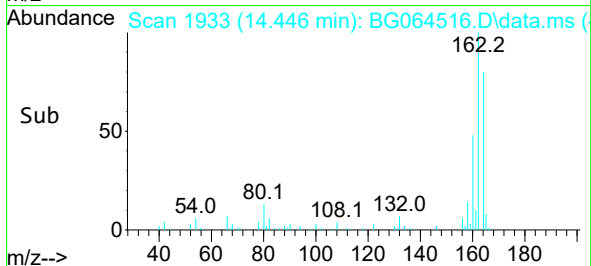
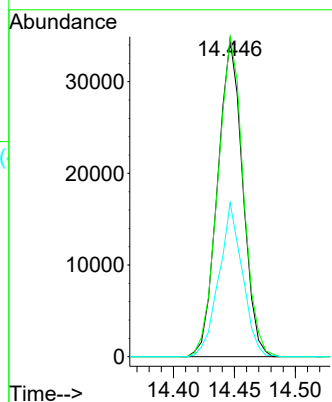
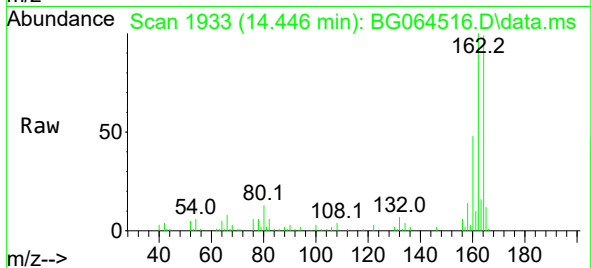
Tgt Ion:164 Resp: 49434

Ion Ratio Lower Upper

164 100

162 100.8 82.2 123.2

160 48.5 34.3 51.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.99 ng

RT: 12.637 min Scan# 1625

Delta R.T. -0.002 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

Tgt Ion:216 Resp: 79790

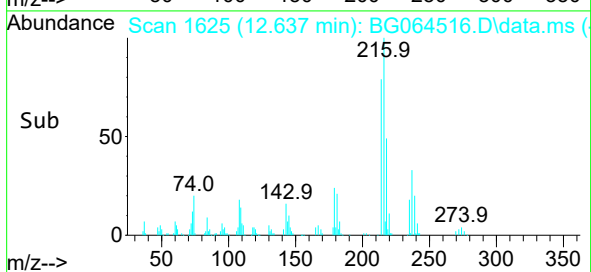
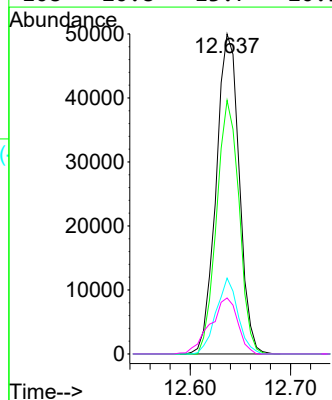
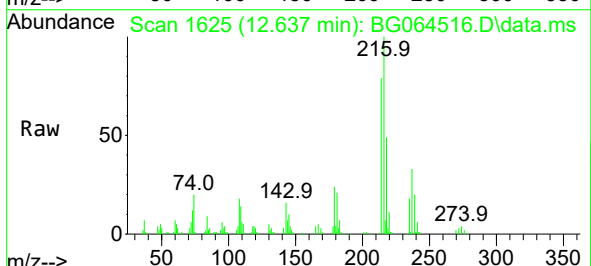
Ion Ratio Lower Upper

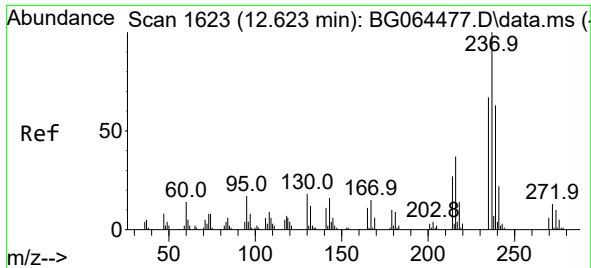
216 100

214 77.1 62.5 93.7

179 22.5 17.0 25.6

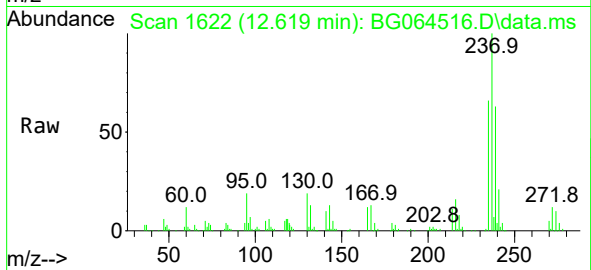
108 20.8 13.7 20.5#



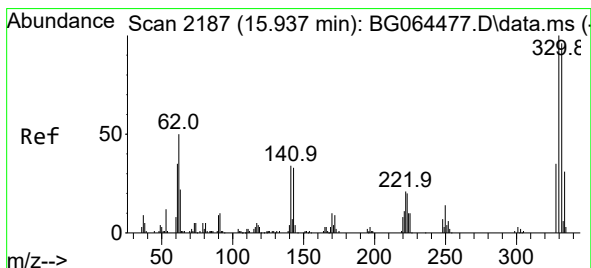
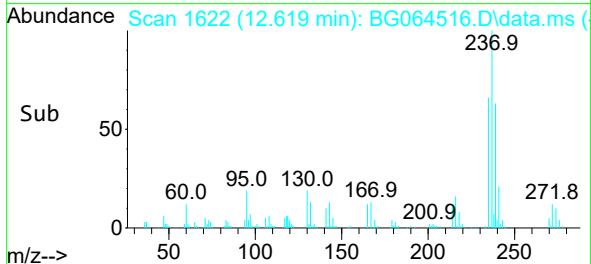
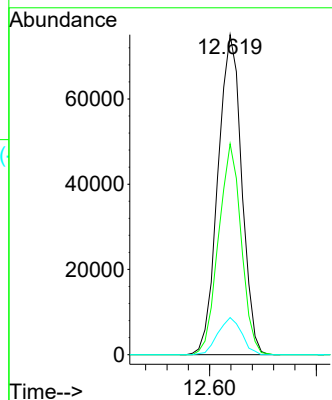


#41
Hexachlorocyclopentadiene
Concen: 138.83 ng
RT: 12.619 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :
BNA_G
ClientSampleId :
PB170122BS

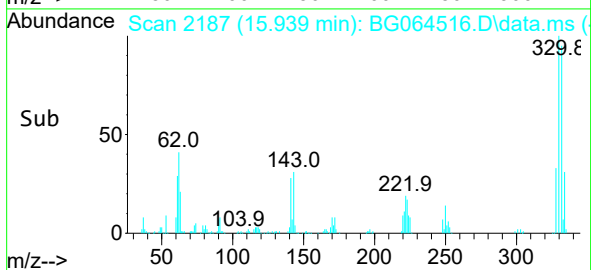
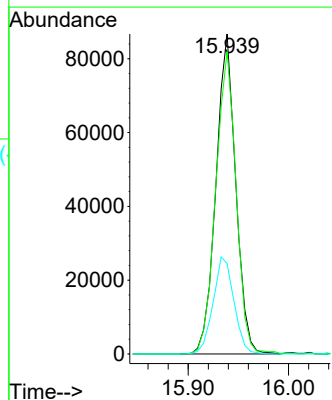
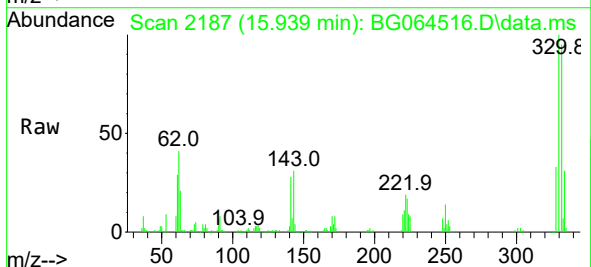


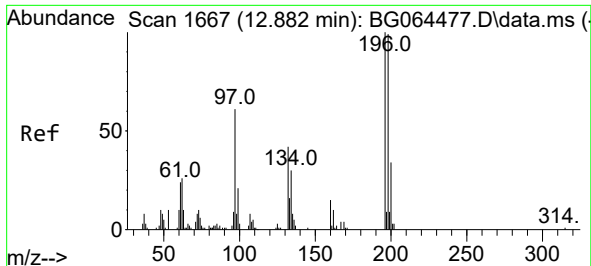
Tgt Ion:237 Resp: 115915
Ion Ratio Lower Upper
237 100
235 65.9 46.9 86.9
272 11.6 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 132.34 ng
RT: 15.939 min Scan# 2187
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:330 Resp: 118583
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 31.9 25.8 38.6

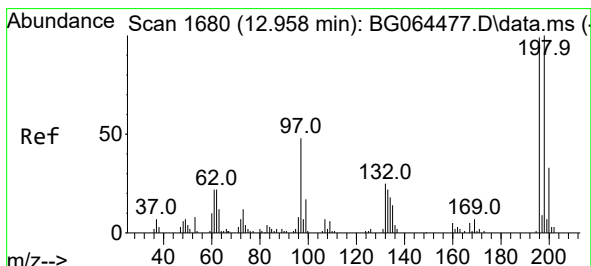
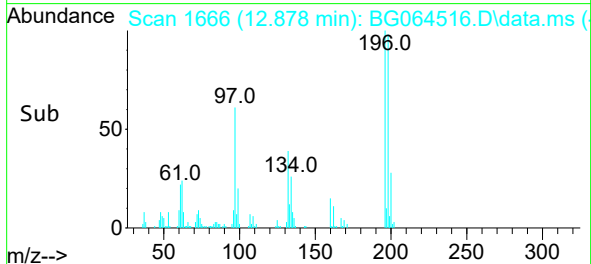
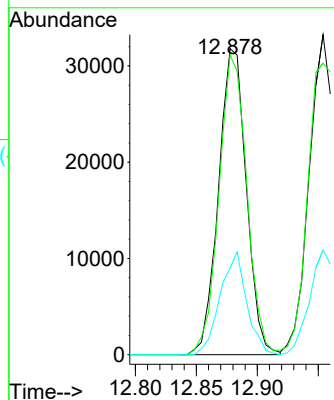
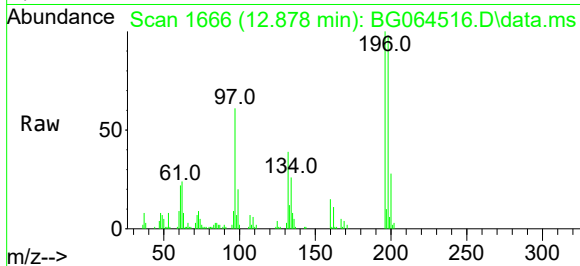




#43
2,4,6-Trichlorophenol
Concen: 49.55 ng
RT: 12.878 min Scan# 1666
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

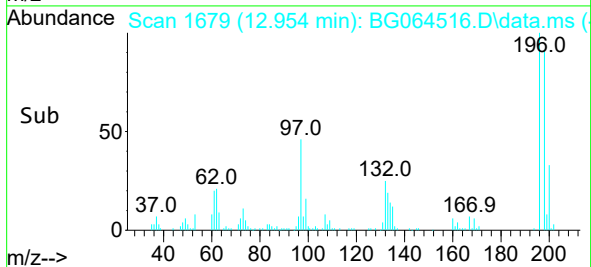
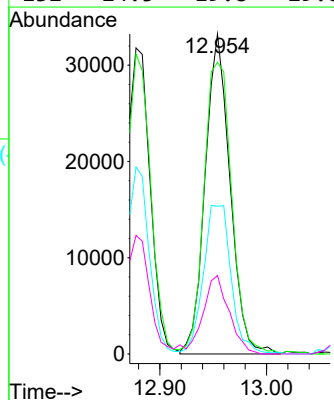
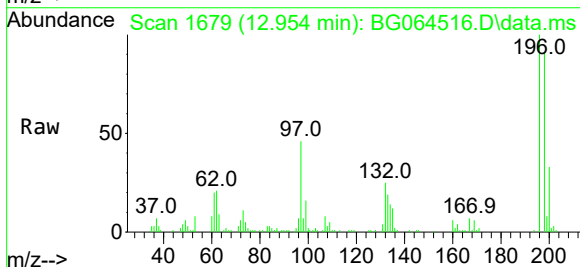
Instrument :
BNA_G
ClientSampleId :
PB170122BS

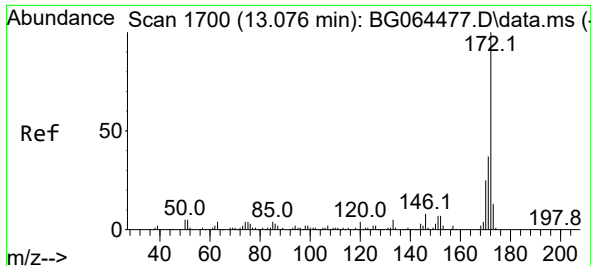
Tgt Ion:196 Resp: 50559
Ion Ratio Lower Upper
196 100
198 98.0 79.3 118.9
200 28.4 27.4 41.2



#44
2,4,5-Trichlorophenol
Concen: 47.39 ng
RT: 12.954 min Scan# 1679
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:196 Resp: 53988
Ion Ratio Lower Upper
196 100
198 91.1 80.3 120.5
97 46.2 39.4 59.0
132 24.5 19.8 29.8

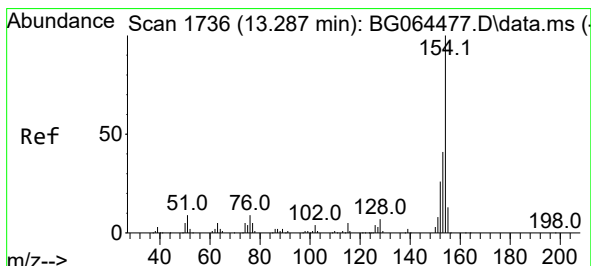
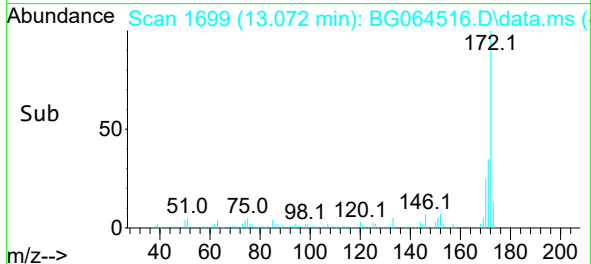
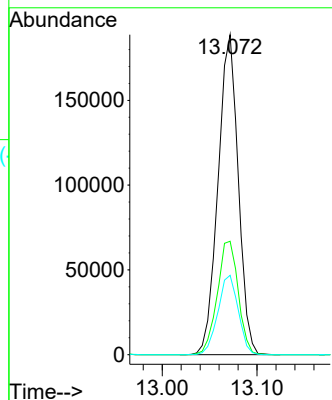
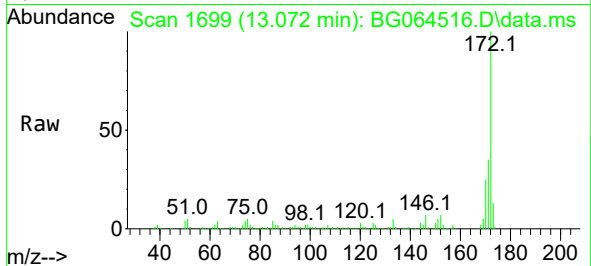




#45
2-Fluorobiphenyl
Concen: 83.45 ng
RT: 13.072 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

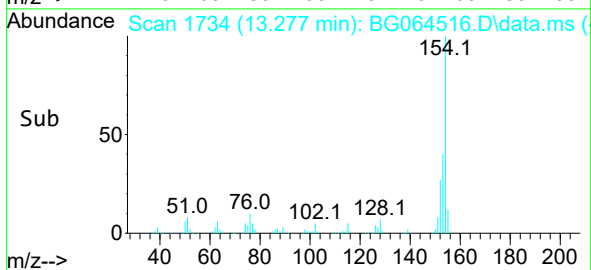
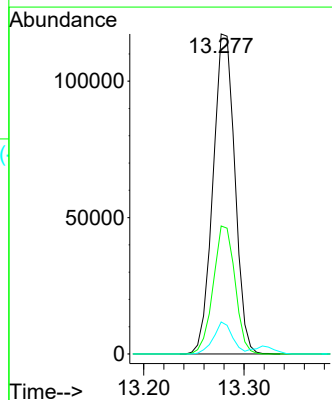
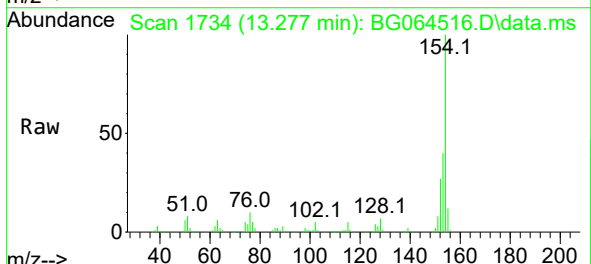
Instrument :
BNA_G
ClientSampleId :
PB170122BS

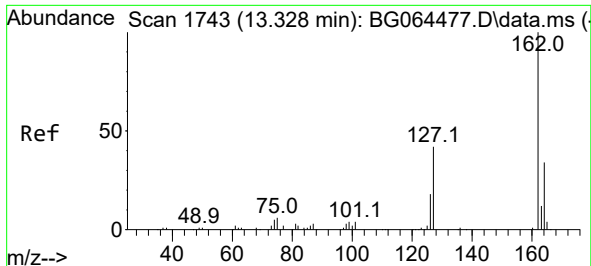
Tgt Ion:172 Resp: 279862
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 24.8 20.2 30.2



#46
1,1'-Biphenyl
Concen: 49.84 ng
RT: 13.277 min Scan# 1734
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:154 Resp: 177211
Ion Ratio Lower Upper
154 100
153 40.0 20.7 60.7
76 10.0 0.0 29.3

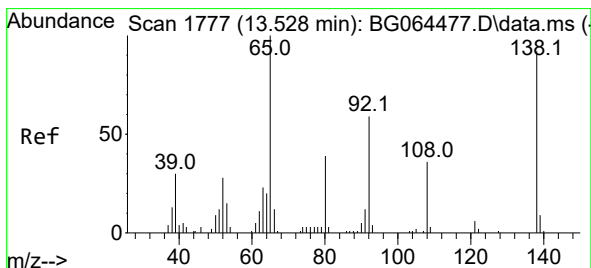
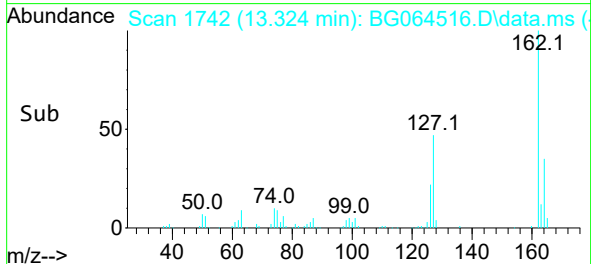
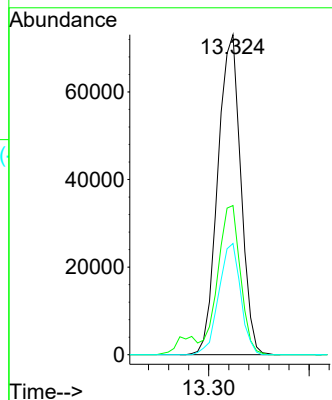
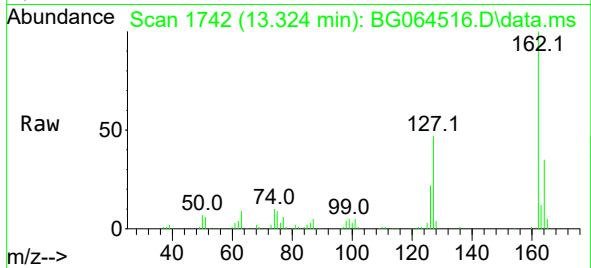




#47
2-Chloronaphthalene
Concen: 43.65 ng
RT: 13.324 min Scan# 1742
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

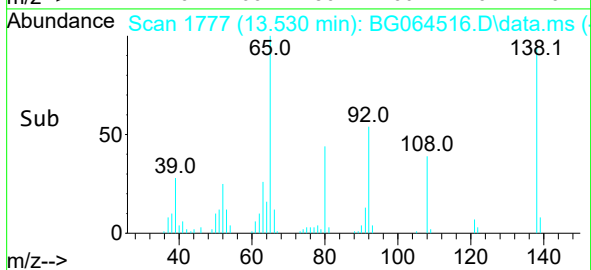
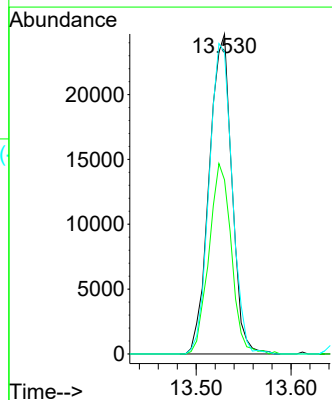
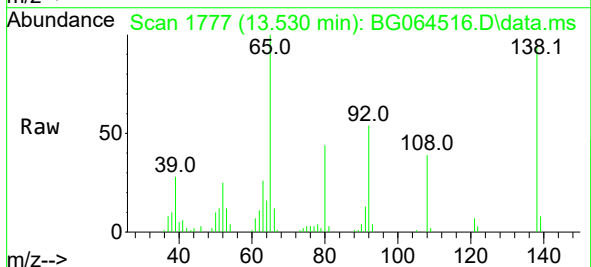
Instrument :
BNA_G
ClientSampleId :
PB170122BS

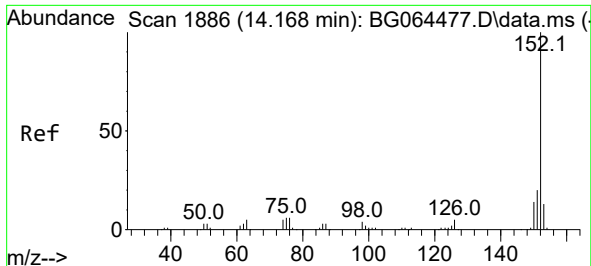
Tgt Ion:162 Resp: 115866
Ion Ratio Lower Upper
162 100
127 46.6 35.8 53.8
164 34.7 27.2 40.8



#48
2-Nitroaniline
Concen: 45.11 ng
RT: 13.530 min Scan# 1777
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

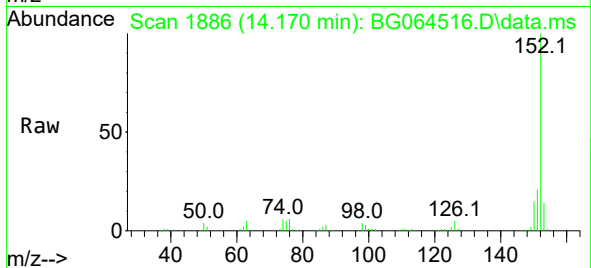
Tgt Ion: 65 Resp: 40870
Ion Ratio Lower Upper
65 100
92 54.4 47.0 70.6
138 94.3 73.5 110.3



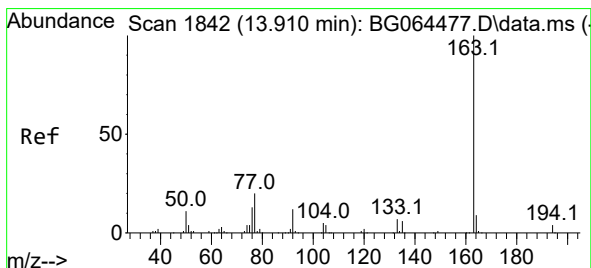
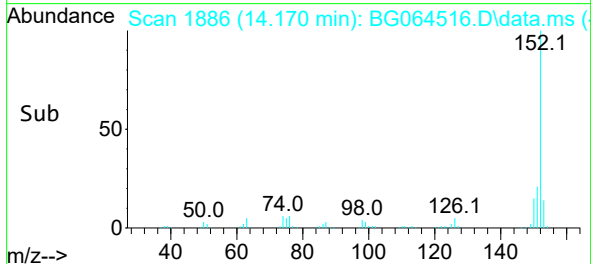
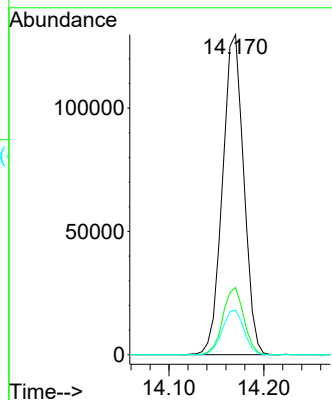


#49
Acenaphthylene
Concen: 51.22 ng
RT: 14.170 min Scan# 1886
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :
BNA_G
ClientSampleId :
PB170122BS

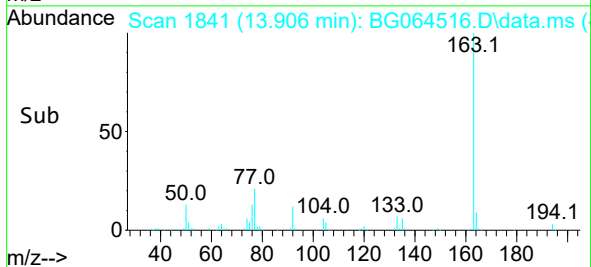
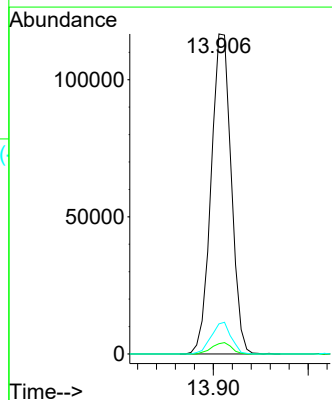
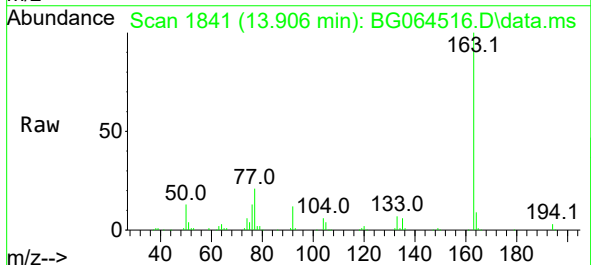


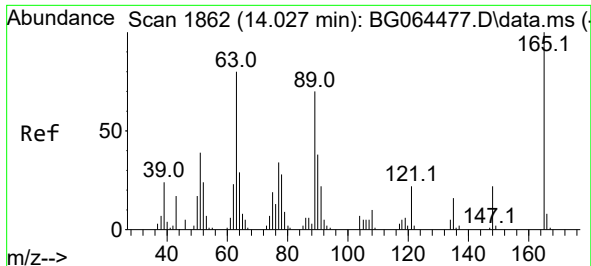
Tgt Ion:152 Resp: 201834
Ion Ratio Lower Upper
152 100
151 21.0 15.8 23.6
153 14.0 10.6 15.8



#50
Dimethylphthalate
Concen: 44.32 ng
RT: 13.906 min Scan# 1841
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:163 Resp: 171578
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 9.4 7.4 11.0

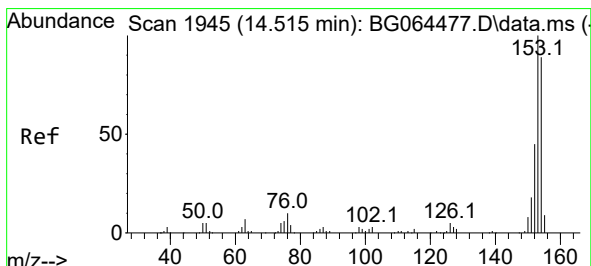
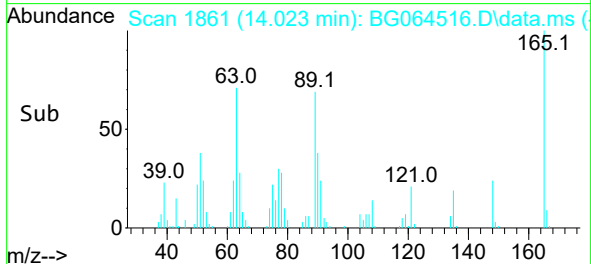
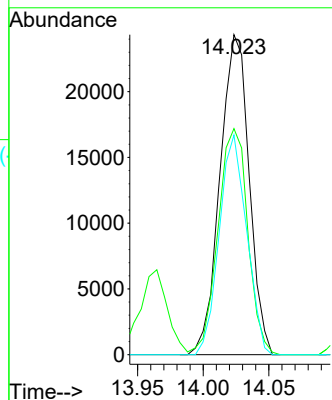
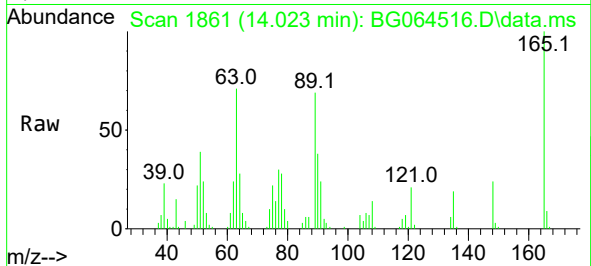




#51
2,6-Dinitrotoluene
Concen: 46.57 ng
RT: 14.023 min Scan# 1861
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

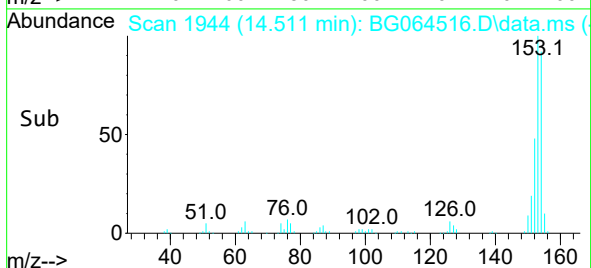
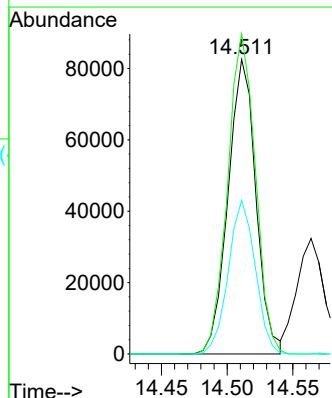
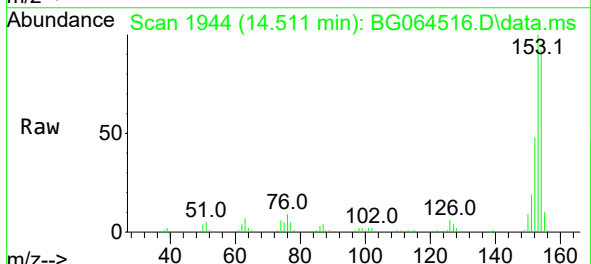
Instrument :
BNA_G
ClientSampleId :
PB170122BS

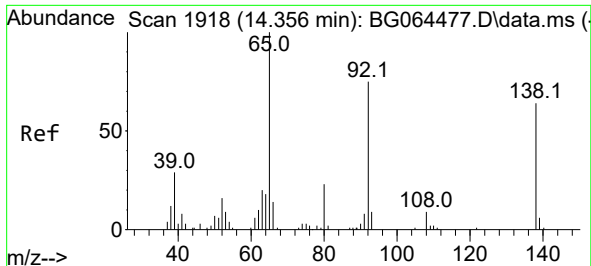
Tgt Ion:165 Resp: 37563
Ion Ratio Lower Upper
165 100
63 70.6 63.9 95.9
89 68.6 56.1 84.1



#52
Acenaphthene
Concen: 44.58 ng
RT: 14.511 min Scan# 1944
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:154 Resp: 122036
Ion Ratio Lower Upper
154 100
153 108.6 90.2 135.4
152 52.2 40.2 60.4

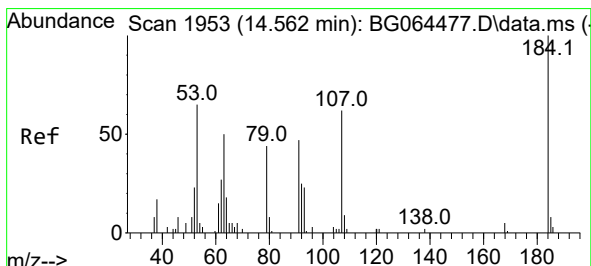
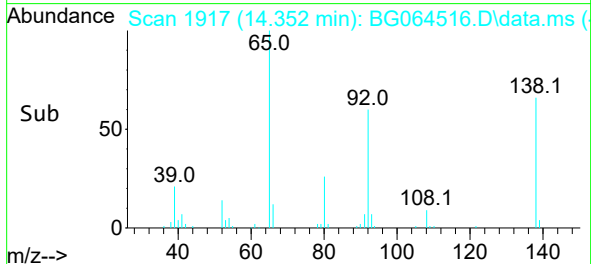
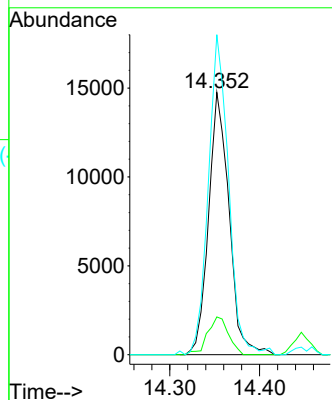
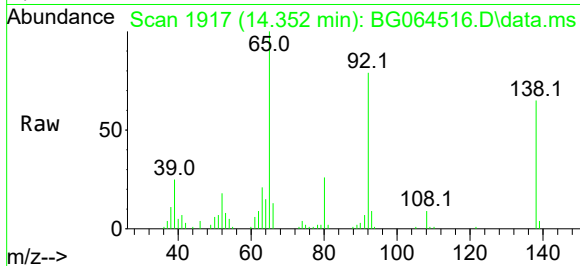




#53
3-Nitroaniline
Concen: 31.47 ng
RT: 14.352 min Scan# 1918
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

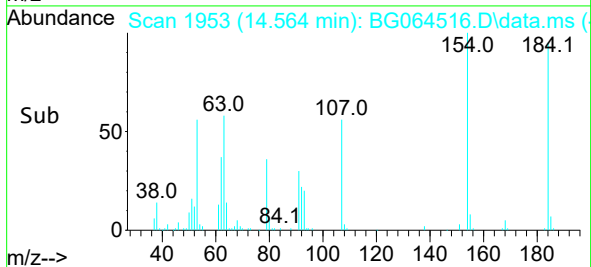
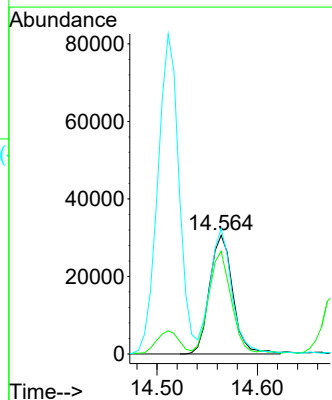
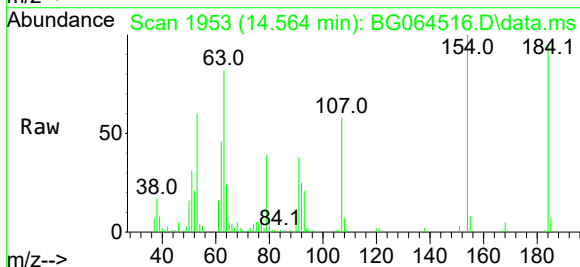
Instrument :
BNA_G
ClientSampleId :
PB170122BS

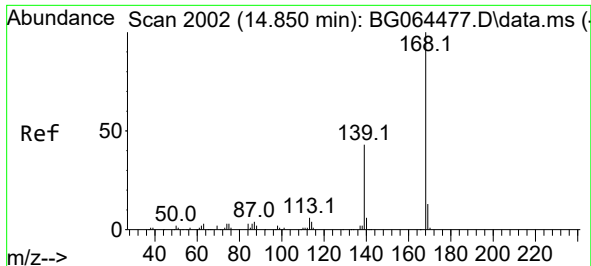
Tgt Ion:138 Resp: 23407
Ion Ratio Lower Upper
138 100
108 14.4 10.6 15.8
92 122.0 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 84.09 ng
RT: 14.564 min Scan# 1953
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:184 Resp: 49175
Ion Ratio Lower Upper
184 100
63 86.6 69.0 103.4
154 105.7 95.6 143.4

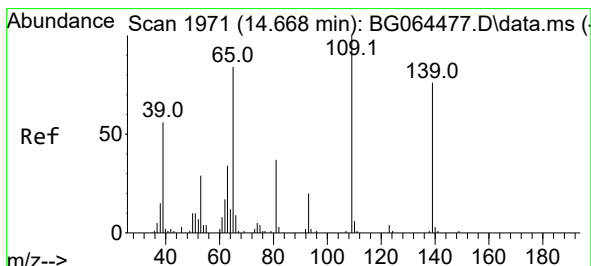
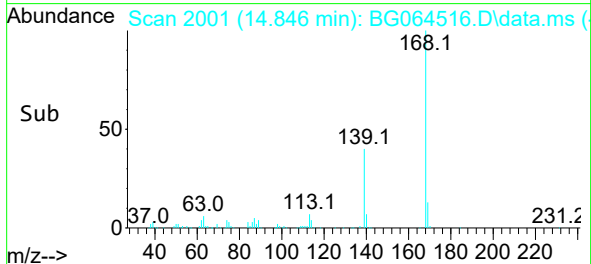
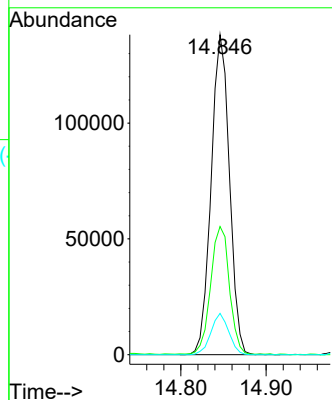
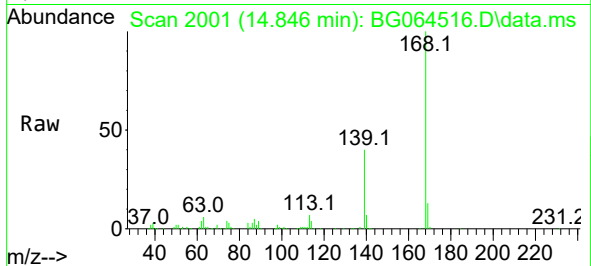




#55
Dibenzofuran
Concen: 45.56 ng
RT: 14.846 min Scan# 2002
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

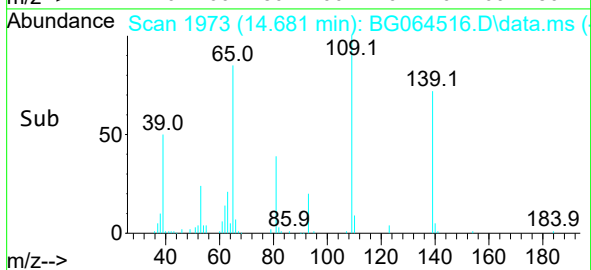
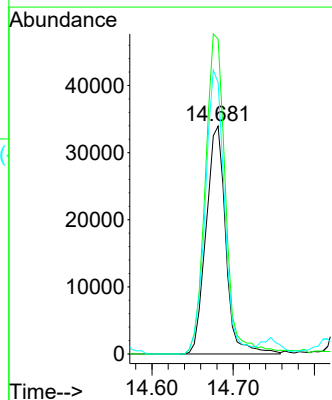
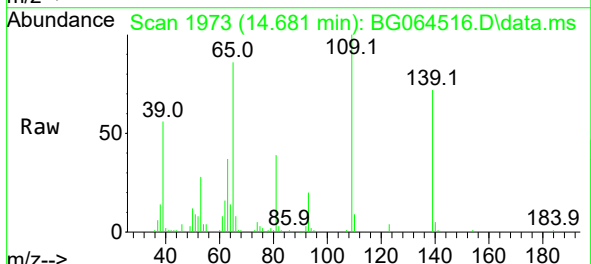
Instrument :
BNA_G
ClientSampleId :
PB170122BS

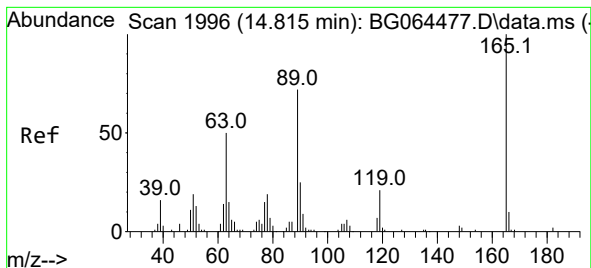
Tgt Ion:168 Resp: 205969
Ion Ratio Lower Upper
168 100
139 40.1 34.0 51.0
169 12.9 10.2 15.2



#56
4-Nitrophenol
Concen: 97.46 ng
RT: 14.681 min Scan# 1973
Delta R.T. 0.016 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:139 Resp: 57074
Ion Ratio Lower Upper
139 100
109 138.2 111.8 151.8
65 119.2 91.1 131.1

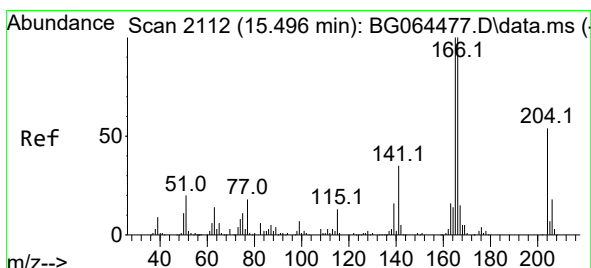
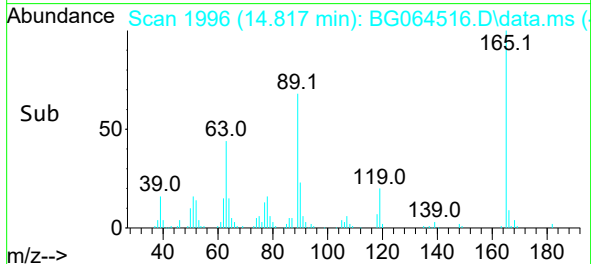
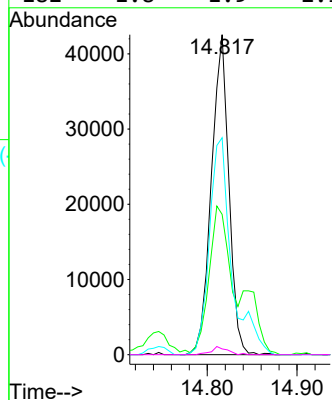
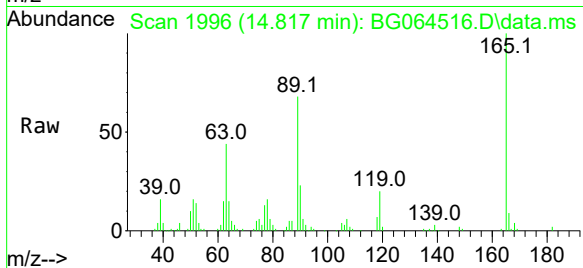




#57
2,4-Dinitrotoluene
Concen: 46.73 ng
RT: 14.817 min Scan# 1996
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

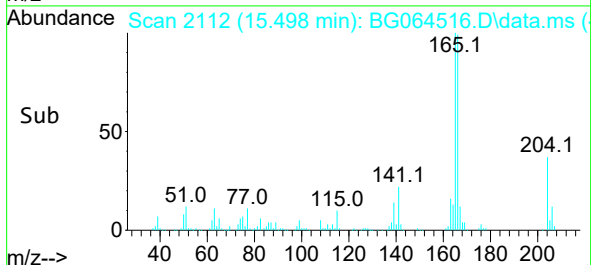
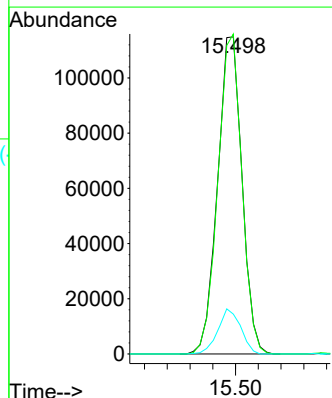
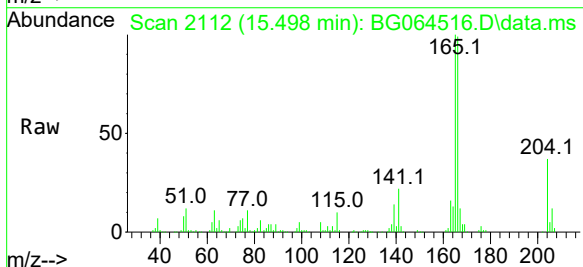
Instrument :
BNA_G
ClientSampleId :
PB170122BS

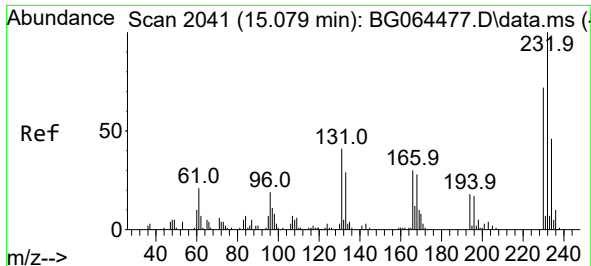
Tgt Ion:165 Resp: 57612
Ion Ratio Lower Upper
165 100
63 43.9 40.4 60.6
89 67.8 57.3 85.9
182 1.8 1.9 2.9#



#58
Fluorene
Concen: 45.68 ng
RT: 15.498 min Scan# 2112
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:166 Resp: 171657
Ion Ratio Lower Upper
166 100
165 100.9 79.8 119.6
167 12.6 11.7 17.5

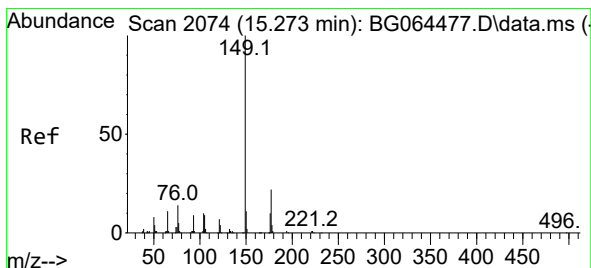
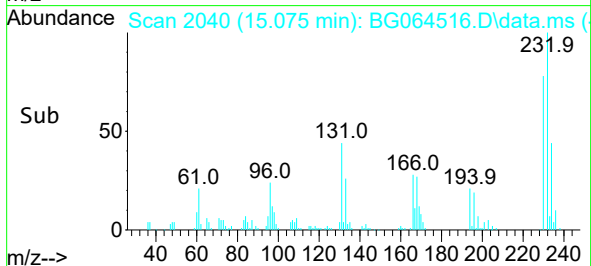
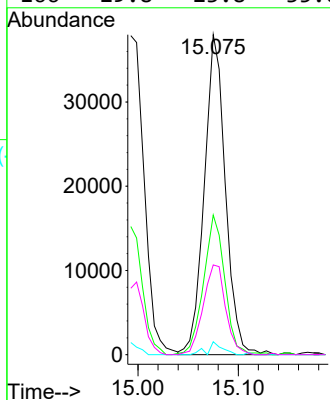
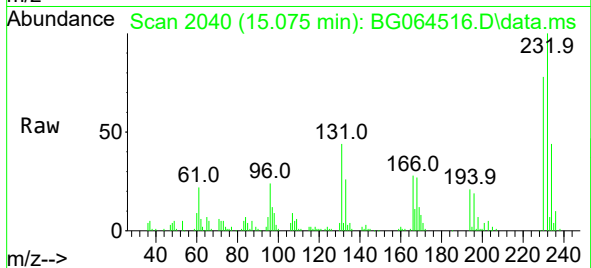




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.95 ng
RT: 15.075 min Scan# 2041
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

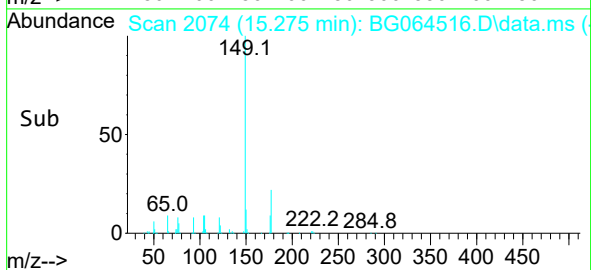
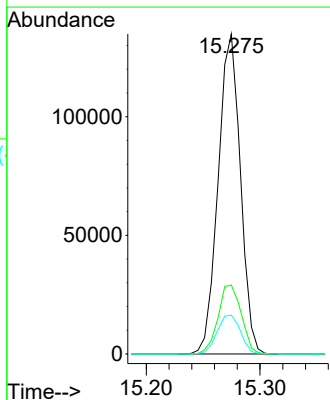
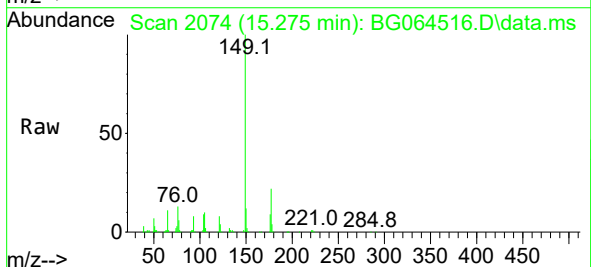
Instrument :
BNA_G
ClientSampleId :
PB170122BS

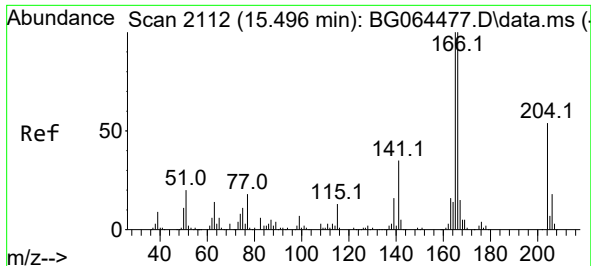
Tgt Ion:232 Resp: 55741
Ion Ratio Lower Upper
232 100
131 43.7 35.0 52.4
130 2.8 2.0 3.0
166 29.8 23.8 35.6



#60
Diethylphthalate
Concen: 44.12 ng
RT: 15.275 min Scan# 2074
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:149 Resp: 183242
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.0
150 12.2 9.1 13.7

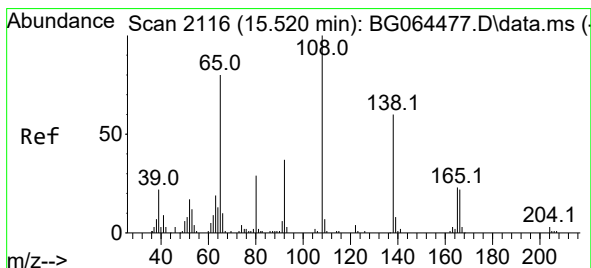
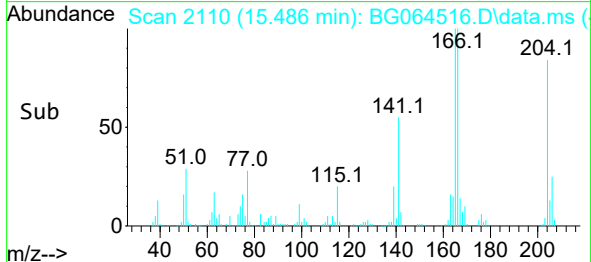
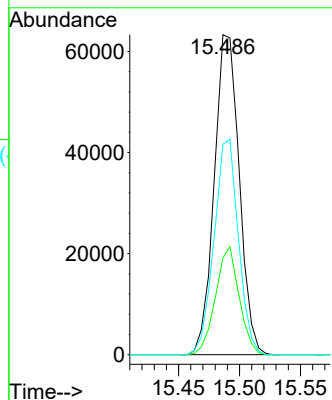
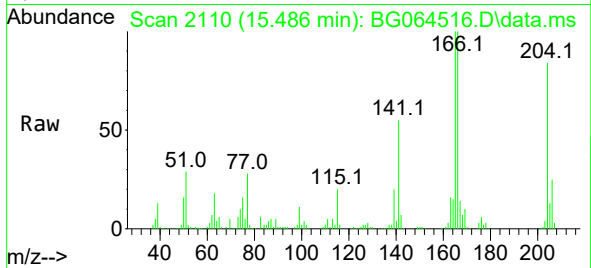




#61
4-Chlorophenyl-phenylether
Concen: 44.06 ng
RT: 15.486 min Scan# 2110
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

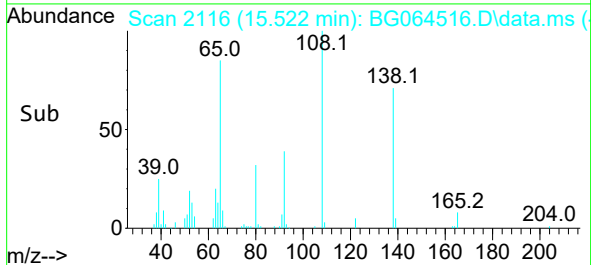
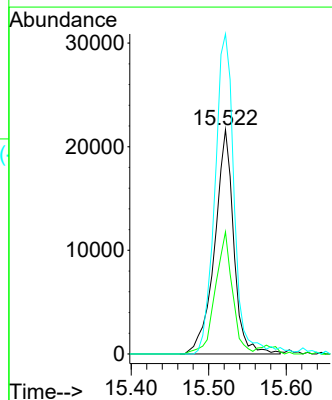
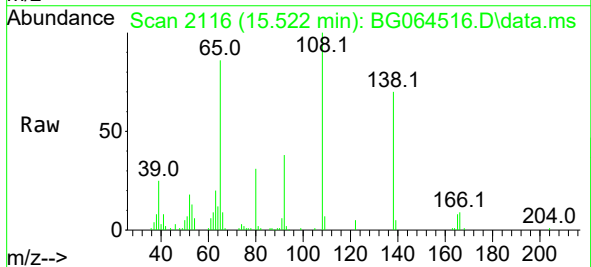
Instrument :
BNA_G
ClientSampleId :
PB170122BS

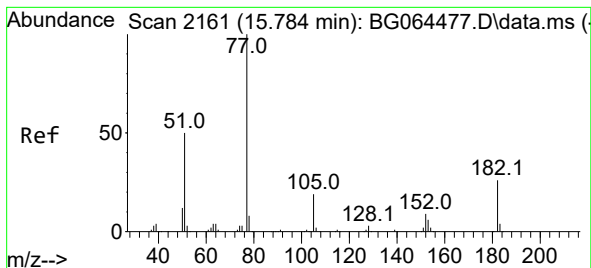
Tgt Ion:204 Resp: 90404
Ion Ratio Lower Upper
204 100
206 30.3 27.1 40.7
141 65.8 51.5 77.3



#62
4-Nitroaniline
Concen: 47.62 ng
RT: 15.522 min Scan# 2116
Delta R.T. 0.010 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:138 Resp: 36916
Ion Ratio Lower Upper
138 100
92 54.4 42.3 82.3
108 142.7 147.7 187.7#





#63

Azobenzene

Concen: 45.02 ng

RT: 15.780 min Scan# 2161

Delta R.T. -0.002 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

PB170122BS

Tgt Ion: 77 Resp: 144812

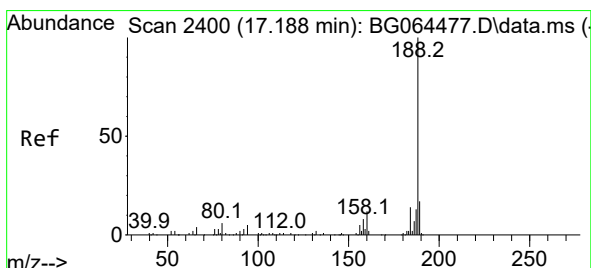
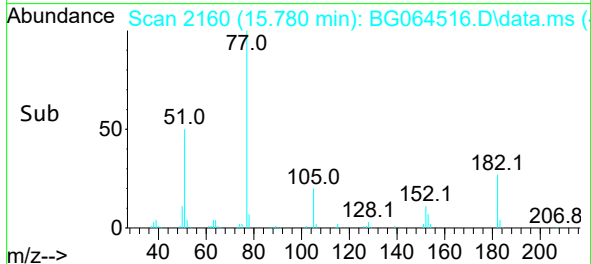
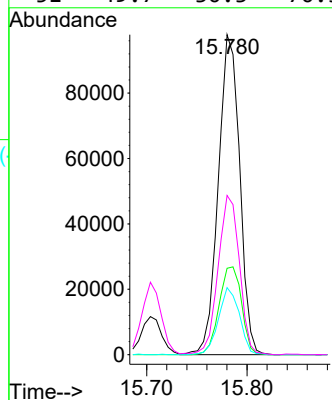
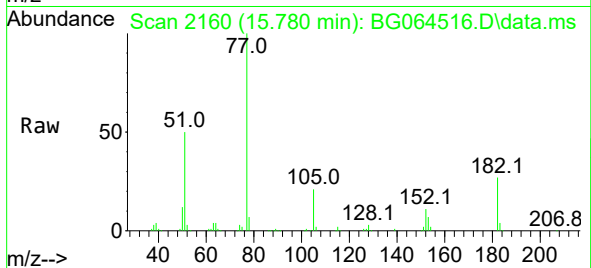
Ion Ratio Lower Upper

77 100

182 27.0 6.3 46.3

105 20.9 0.0 38.7

51 49.7 30.3 70.3



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.190 min Scan# 2400

Delta R.T. 0.004 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

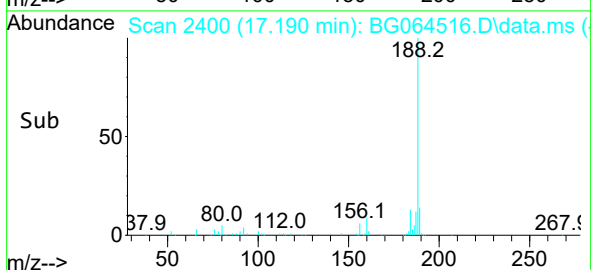
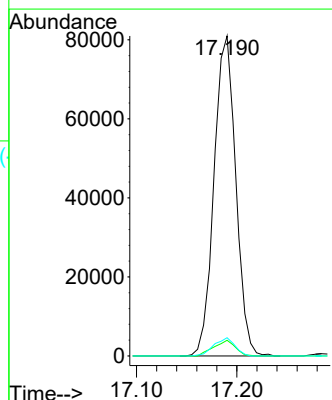
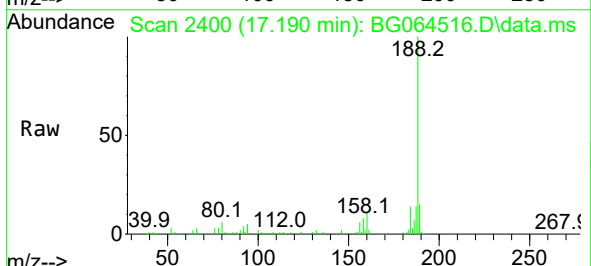
Tgt Ion:188 Resp: 121772

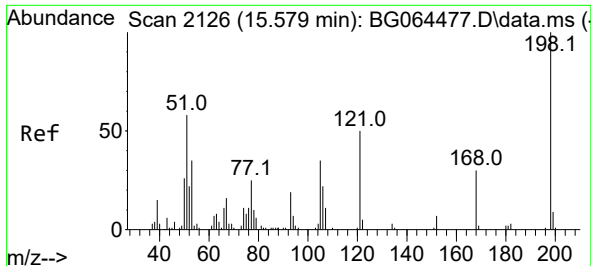
Ion Ratio Lower Upper

188 100

94 4.9 3.7 5.5

80 5.7 4.5 6.7

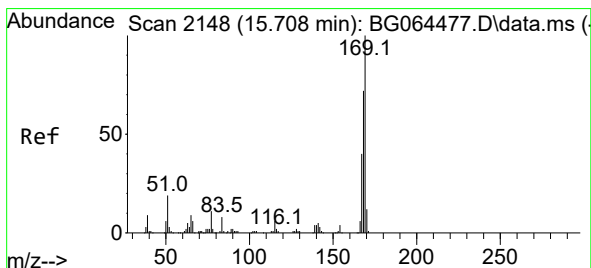
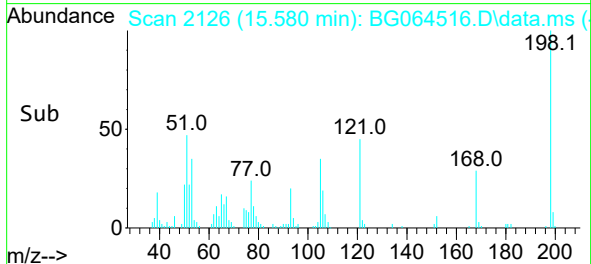
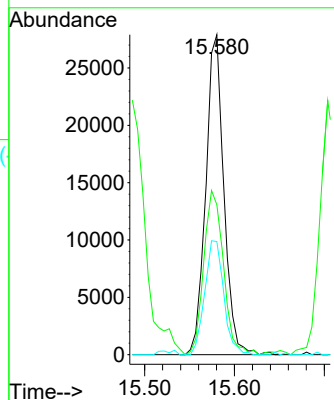
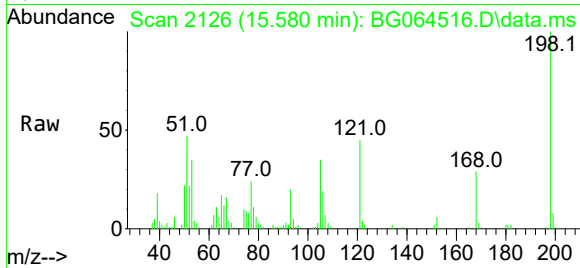




#65
4,6-Dinitro-2-methylphenol
Concen: 46.06 ng
RT: 15.580 min Scan# 2126
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

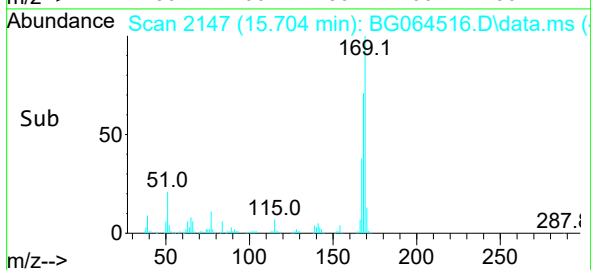
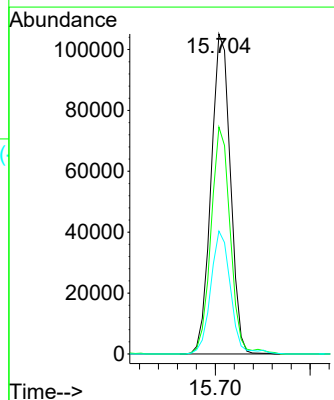
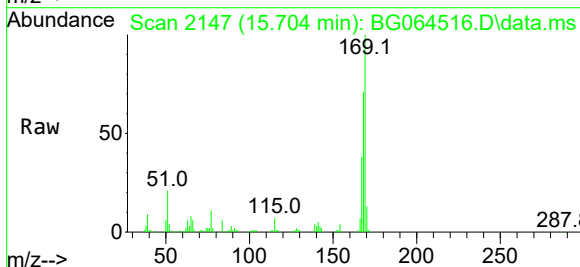
Instrument :
BNA_G
ClientSampleId :
PB170122BS

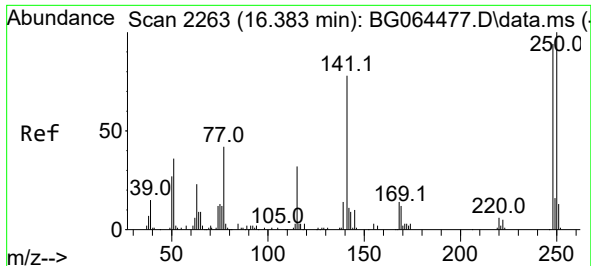
Tgt Ion:198 Resp: 39050
Ion Ratio Lower Upper
198 100
51 46.9 39.0 79.0
105 35.3 15.8 55.8



#66
n-Nitrosodiphenylamine
Concen: 45.69 ng
RT: 15.704 min Scan# 2147
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:169 Resp: 148559
Ion Ratio Lower Upper
169 100
168 70.9 57.8 86.6
167 38.4 31.7 47.5

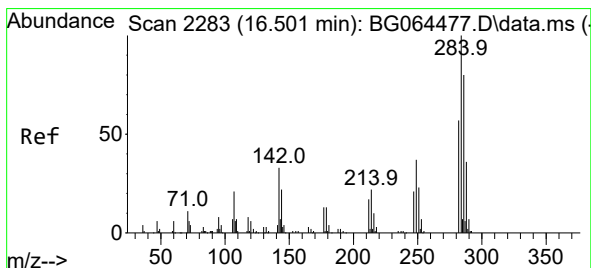
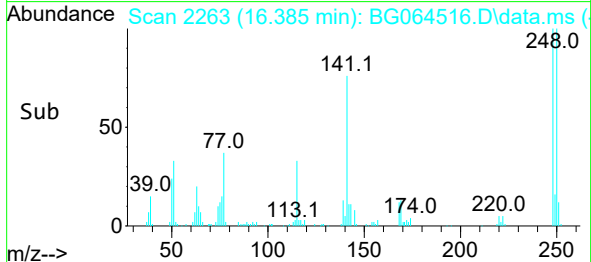
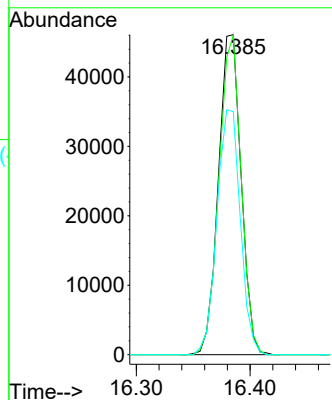
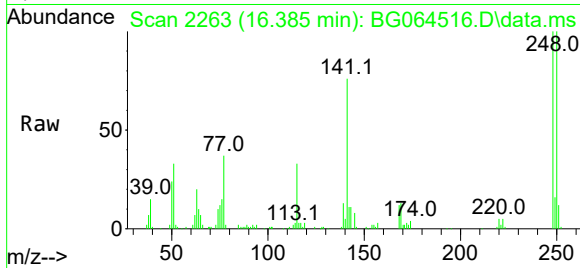




#67
4-Bromophenyl-phenylether
Concen: 44.68 ng
RT: 16.385 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

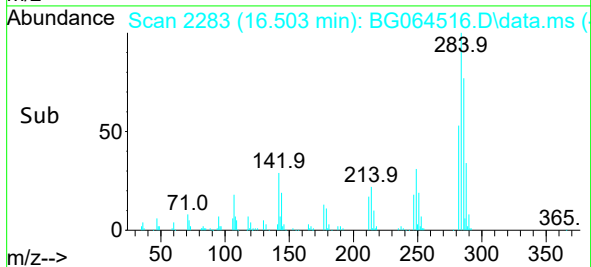
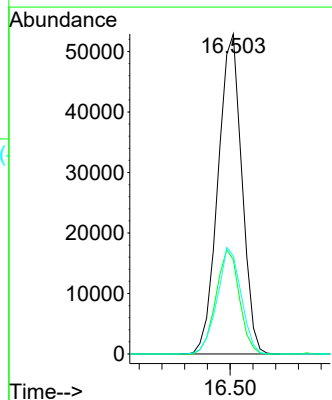
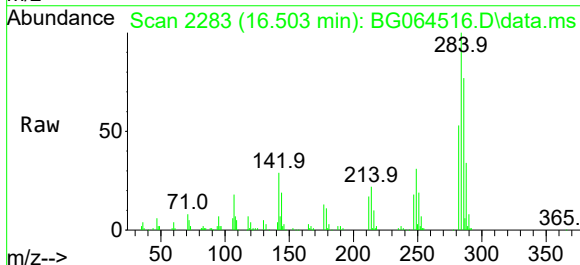
Instrument :
BNA_G
ClientSampleId :
PB170122BS

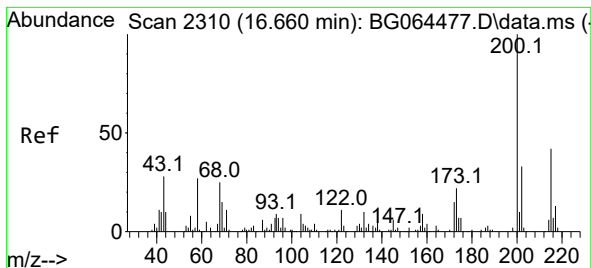
Tgt Ion:248 Resp: 64024
Ion Ratio Lower Upper
248 100
250 99.9 85.3 127.9
141 75.9 66.2 99.2



#68
Hexachlorobenzene
Concen: 46.87 ng
RT: 16.503 min Scan# 2283
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:284 Resp: 76858
Ion Ratio Lower Upper
284 100
142 29.4 26.2 39.2
249 30.7 29.4 44.0





#69

Atrazine

Concen: 46.91 ng

RT: 16.656 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

PB170122BS

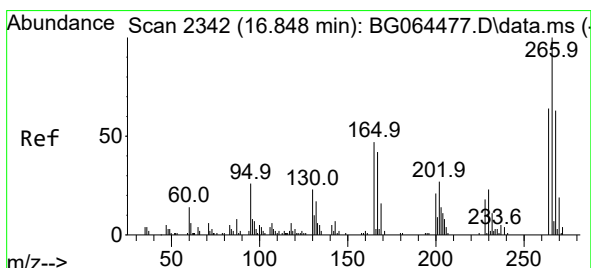
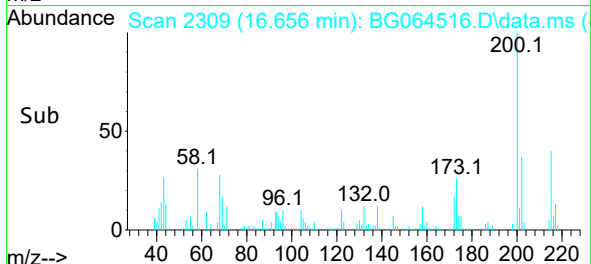
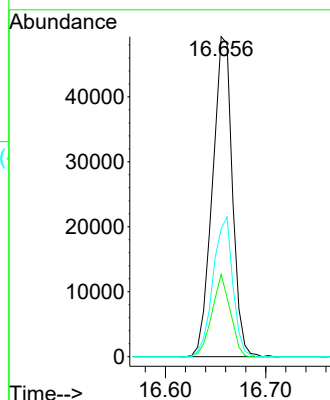
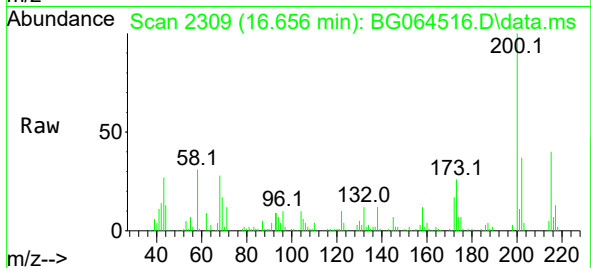
Tgt Ion:200 Resp: 67870

Ion Ratio Lower Upper

200 100

173 25.7 2.5 42.5

215 39.9 21.5 61.5



#70

Pentachlorophenol

Concen: 99.98 ng

RT: 16.844 min Scan# 2341

Delta R.T. -0.002 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

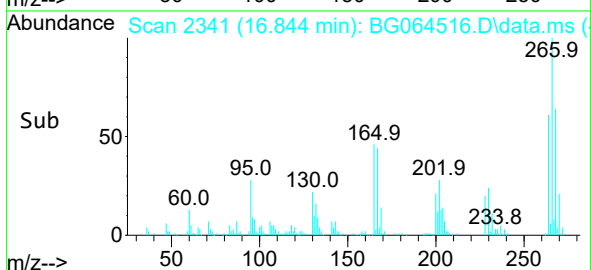
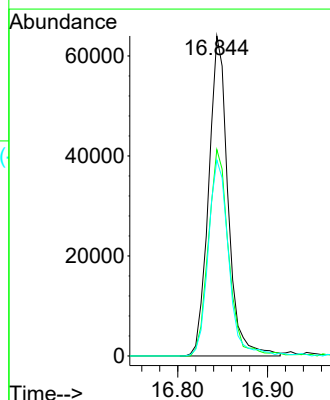
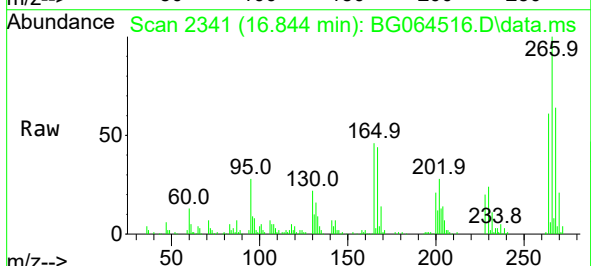
Tgt Ion:266 Resp: 95852

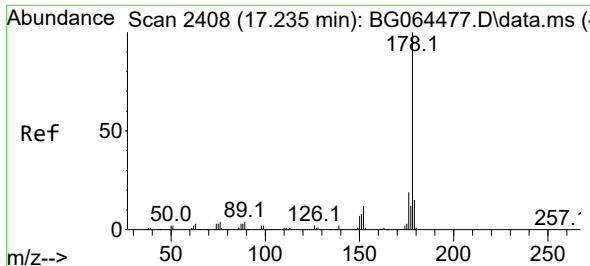
Ion Ratio Lower Upper

266 100

268 64.5 50.6 75.8

264 61.2 51.2 76.8

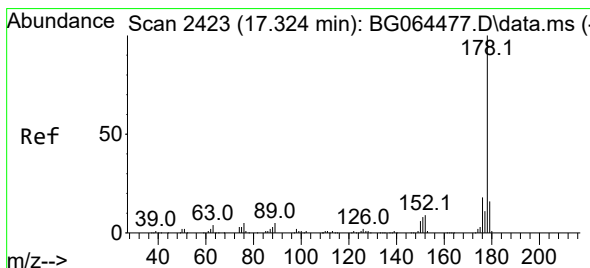
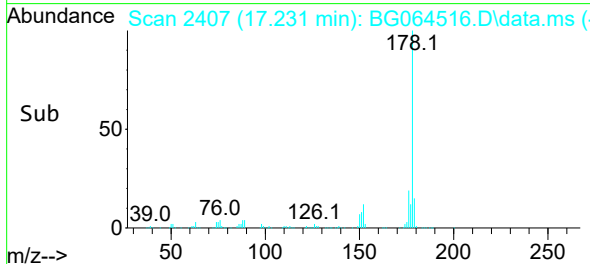
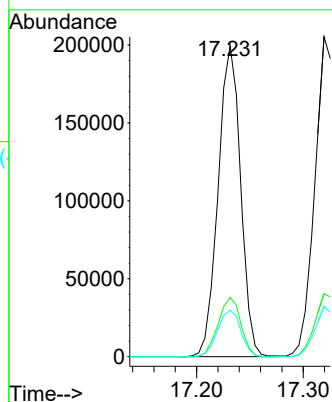
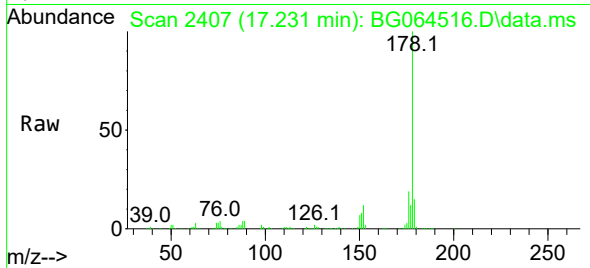




#71
Phenanthrene
Concen: 45.78 ng
RT: 17.231 min Scan# 2408
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

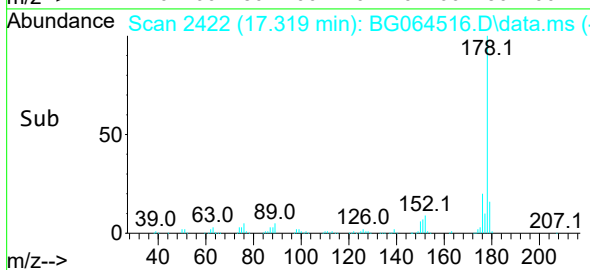
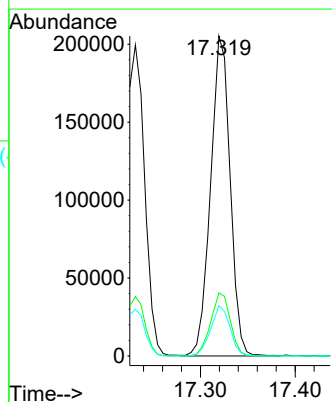
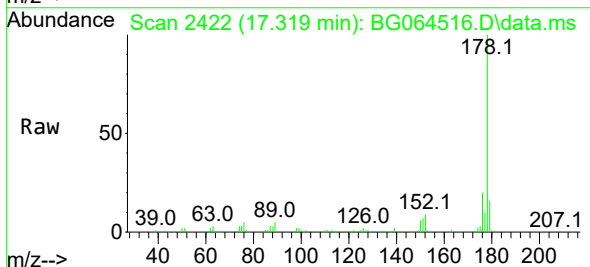
Instrument :
BNA_G
ClientSampleId :
PB170122BS

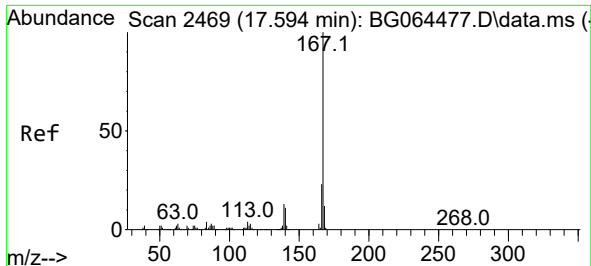
Tgt Ion:178 Resp: 291516
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.0 11.8 17.6



#72
Anthracene
Concen: 45.94 ng
RT: 17.319 min Scan# 2422
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:178 Resp: 293510
Ion Ratio Lower Upper
178 100
176 19.7 14.6 21.8
179 15.7 12.5 18.7

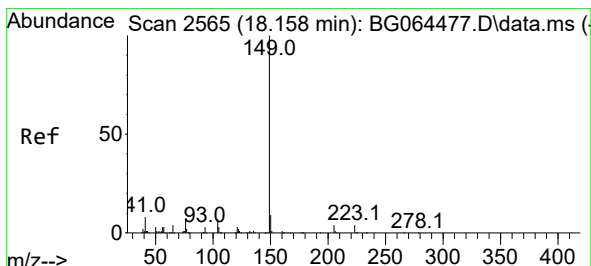
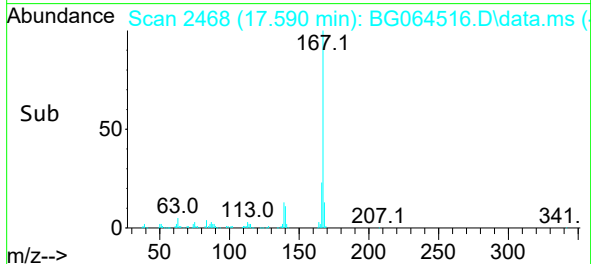
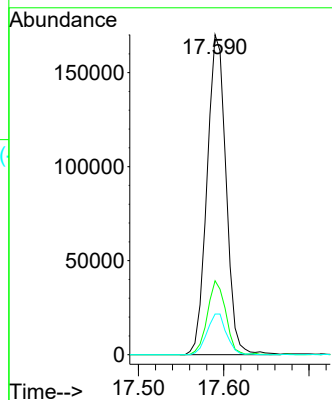
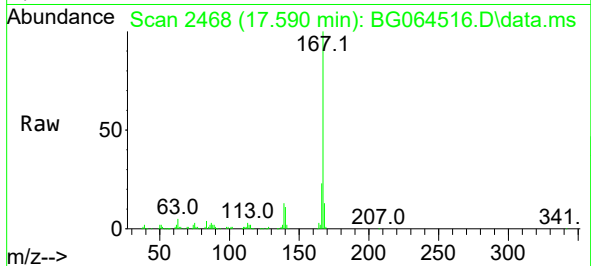




#73
 Carbazole
 Concen: 47.72 ng
 RT: 17.590 min Scan# 2469
 Delta R.T. -0.002 min
 Lab File: BG064516.D
 Acq: 16 Oct 2025 14:53

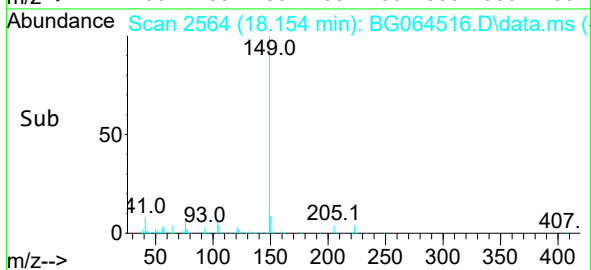
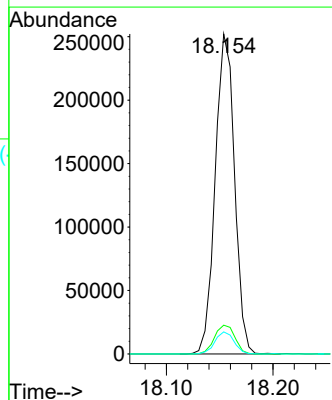
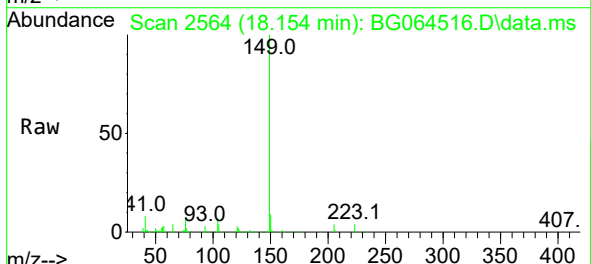
Instrument :
 BNA_G
 ClientSampleId :
 PB170122BS

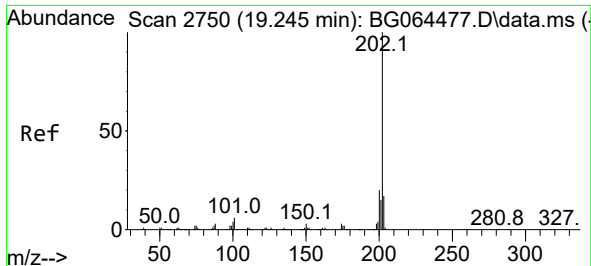
Tgt Ion:167 Resp: 263508
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.6 27.8
 139 12.7 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 46.91 ng
 RT: 18.154 min Scan# 2564
 Delta R.T. -0.002 min
 Lab File: BG064516.D
 Acq: 16 Oct 2025 14:53

Tgt Ion:149 Resp: 316193
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 6.9 5.3 7.9

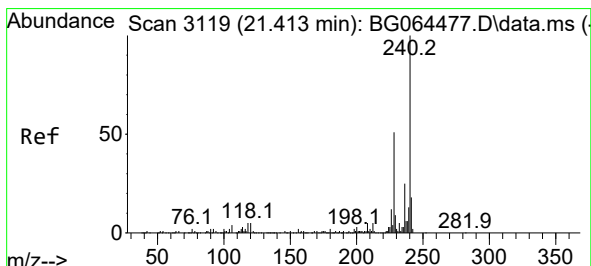
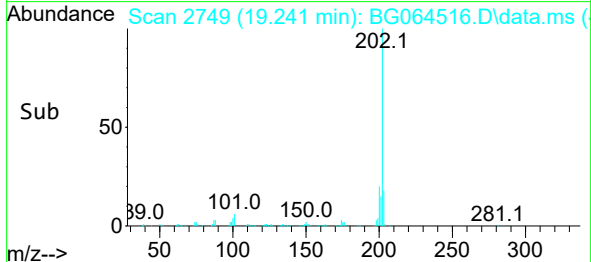
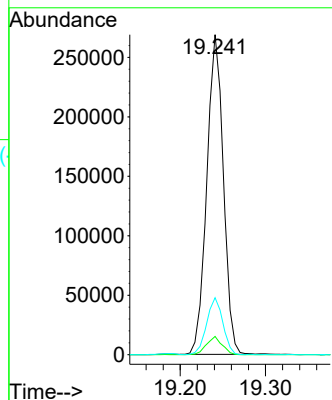
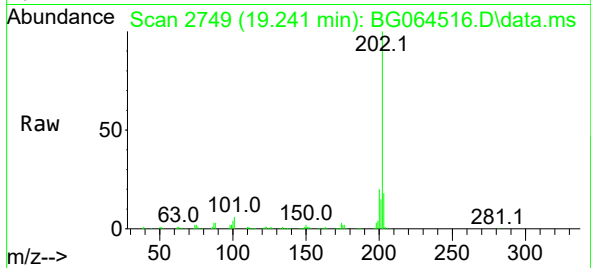




#75
Fluoranthene
Concen: 47.77 ng
RT: 19.241 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

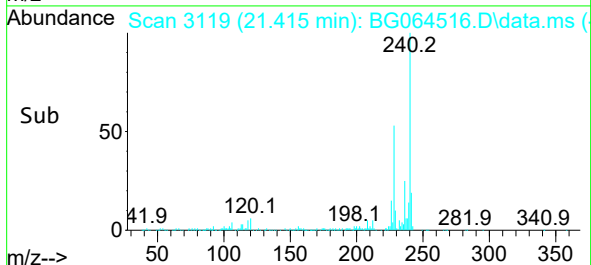
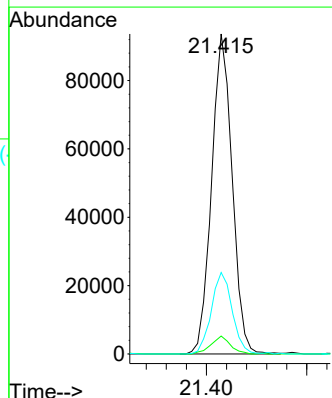
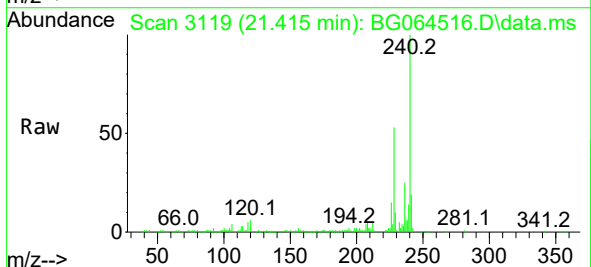
Instrument :
BNA_G
ClientSampleId :
PB170122BS

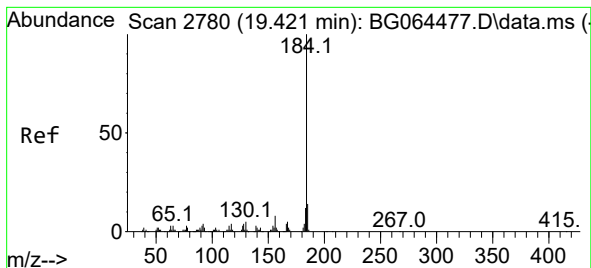
Tgt Ion:202 Resp: 363409
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.7
203 17.8 0.0 36.6



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.415 min Scan# 3119
Delta R.T. 0.005 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:240 Resp: 133204
Ion Ratio Lower Upper
240 100
120 5.6 4.3 6.5
236 25.4 20.4 30.6





#77

Benzidine

Concen: 33.93 ng

RT: 19.429 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

PB170122BS

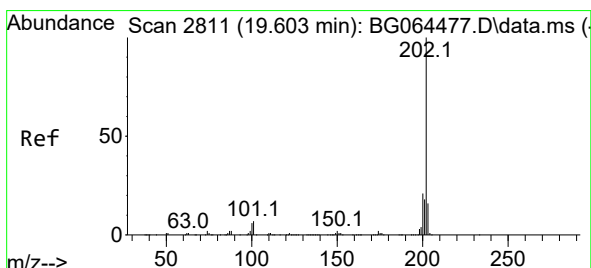
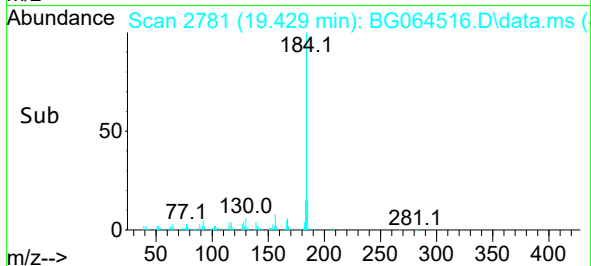
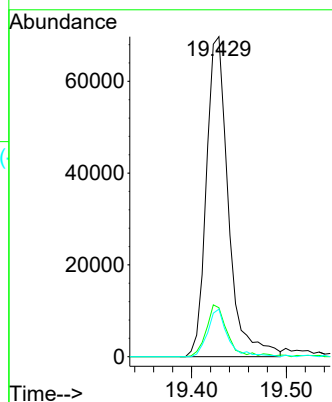
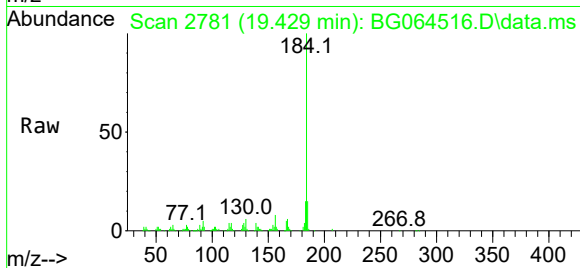
Tgt Ion:184 Resp: 112473

Ion Ratio Lower Upper

184 100

185 15.3 10.9 16.3

183 14.9 9.8 14.6#



#78

Pyrene

Concen: 43.07 ng

RT: 19.605 min Scan# 2811

Delta R.T. 0.004 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

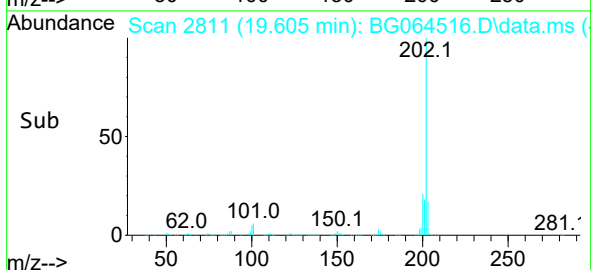
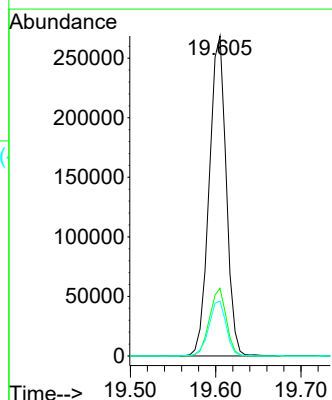
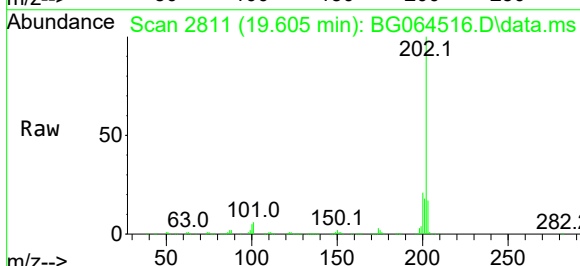
Tgt Ion:202 Resp: 372284

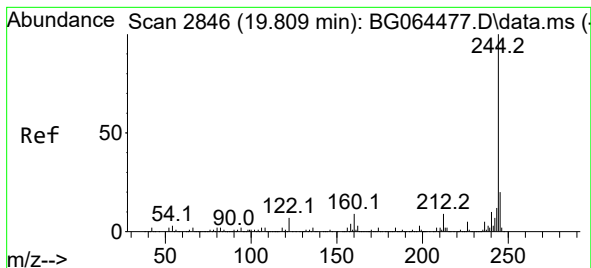
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.1 13.0 19.4





#79

Terphenyl-d14

Concen: 85.37 ng

RT: 19.805 min Scan# 2

Delta R.T. -0.002 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

PB170122BS

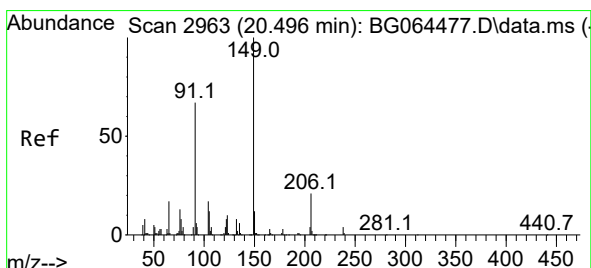
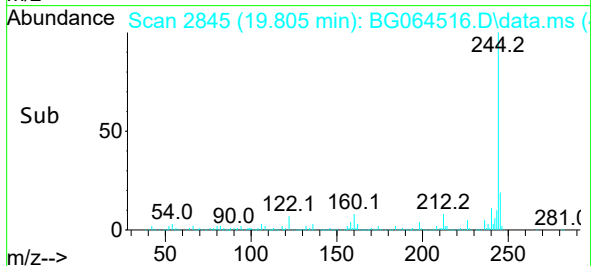
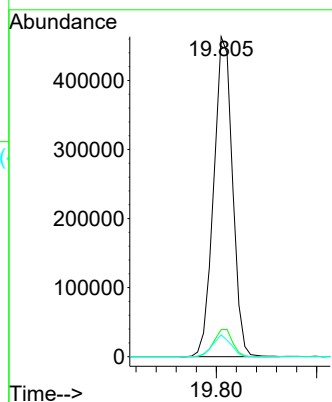
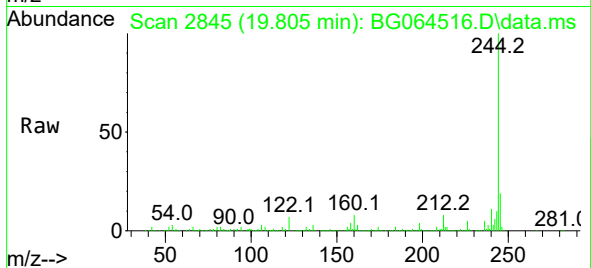
Tgt Ion:244 Resp: 600888

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

122 6.8 5.6 8.4



#80

Butylbenzylphthalate

Concen: 46.71 ng

RT: 20.498 min Scan# 2963

Delta R.T. -0.002 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

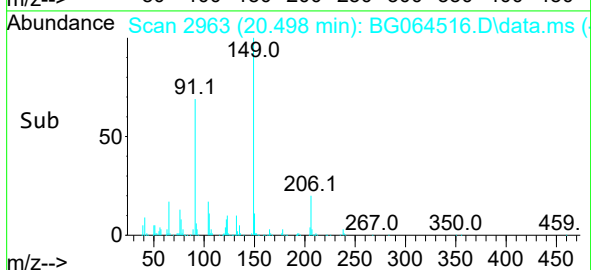
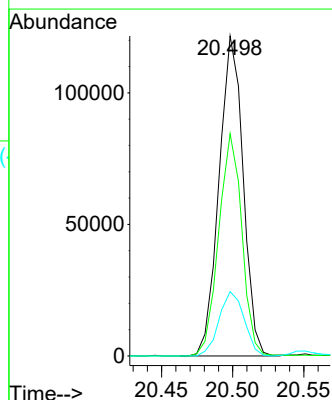
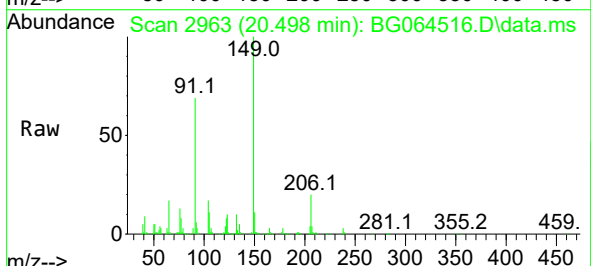
Tgt Ion:149 Resp: 143137

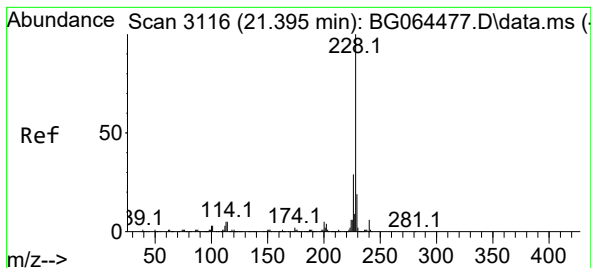
Ion Ratio Lower Upper

149 100

91 69.4 53.7 80.5

206 20.1 16.6 24.8





#81

Benzo(a)anthracene

Concen: 45.43 ng

RT: 21.397 min Scan# 3116

Delta R.T. 0.004 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

PB170122BS

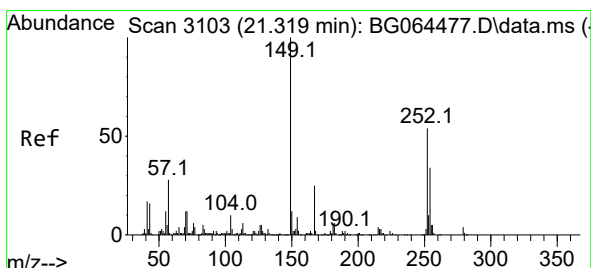
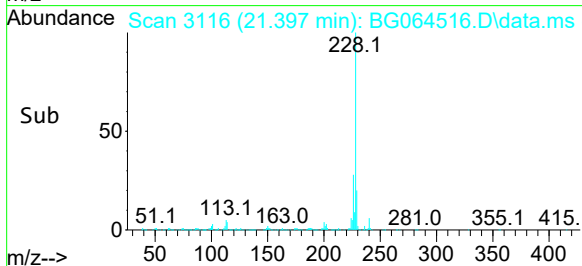
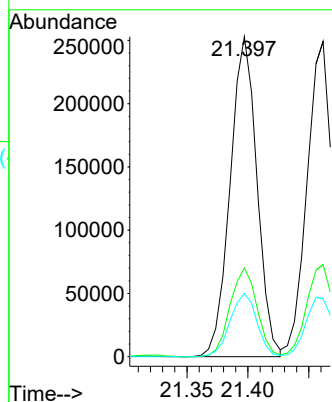
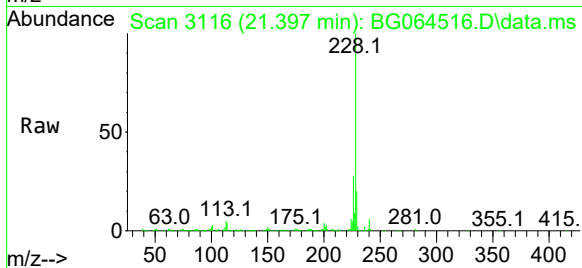
Tgt Ion:228 Resp: 386383

Ion Ratio Lower Upper

228 100

226 27.8 22.8 34.2

229 19.8 15.2 22.8



#82

3,3'-Dichlorobenzidine

Concen: 30.19 ng

RT: 21.321 min Scan# 3103

Delta R.T. 0.004 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

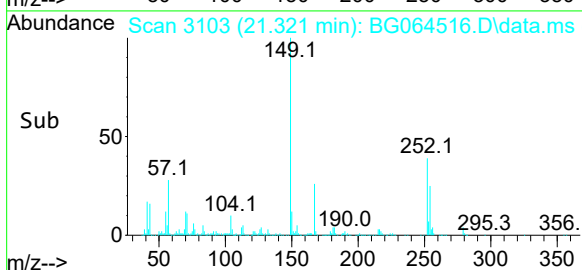
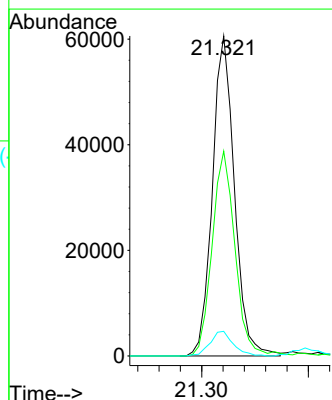
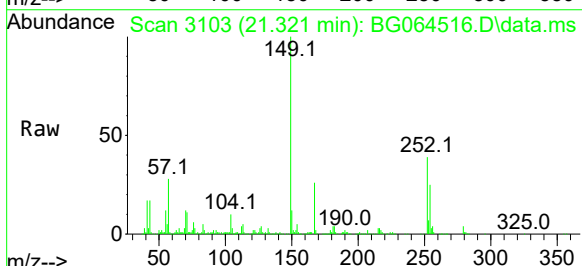
Tgt Ion:252 Resp: 86920

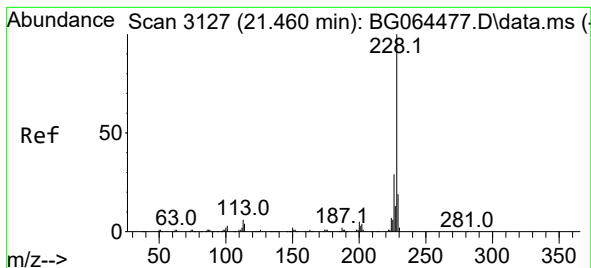
Ion Ratio Lower Upper

252 100

254 64.0 50.5 75.7

126 7.7 7.1 10.7





#83

Chrysene

Concen: 44.93 ng

RT: 21.462 min Scan# 3127

Delta R.T. 0.010 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

PB170122BS

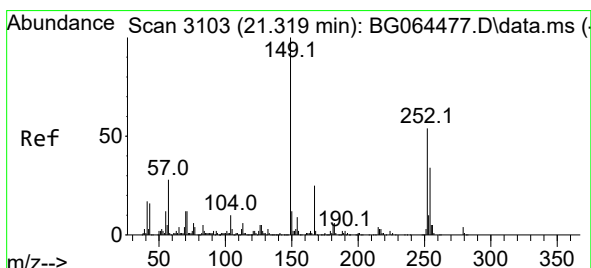
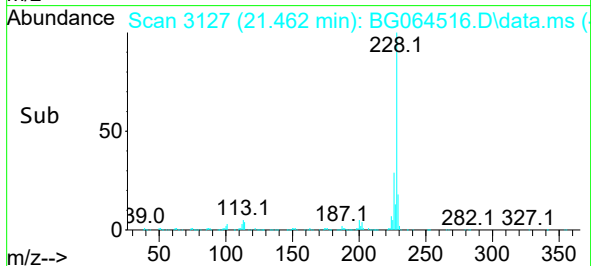
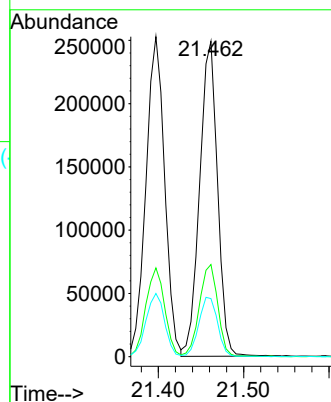
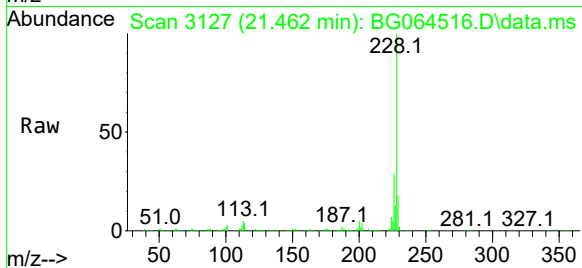
Tgt Ion:228 Resp: 362437

Ion Ratio Lower Upper

228 100

226 29.2 22.8 34.2

229 18.4 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.96 ng

RT: 21.321 min Scan# 3103

Delta R.T. 0.004 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

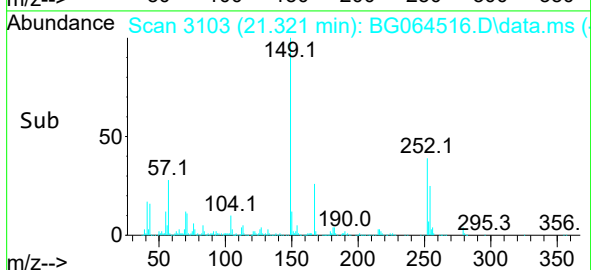
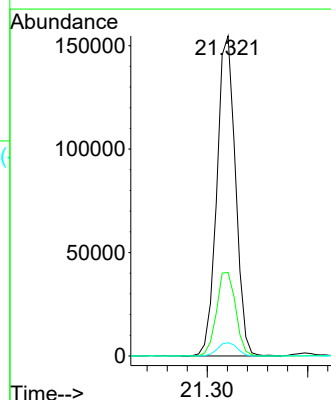
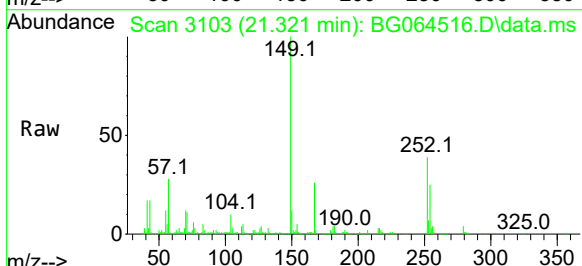
Tgt Ion:149 Resp: 198697

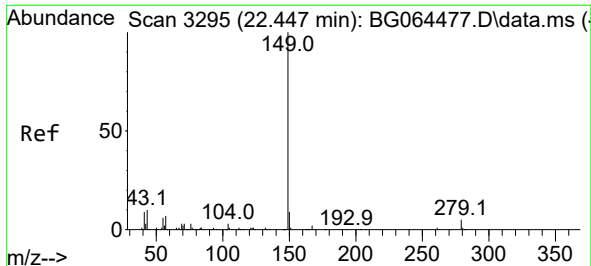
Ion Ratio Lower Upper

149 100

167 26.1 19.7 29.5

279 4.2 3.4 5.2

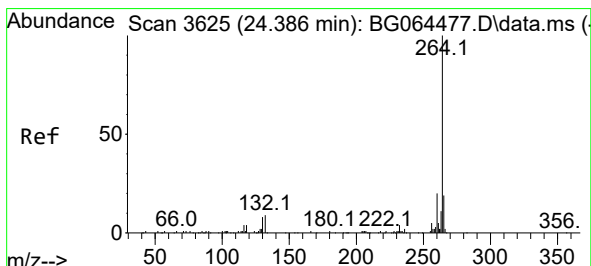
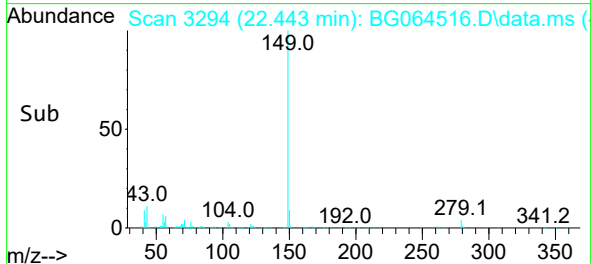
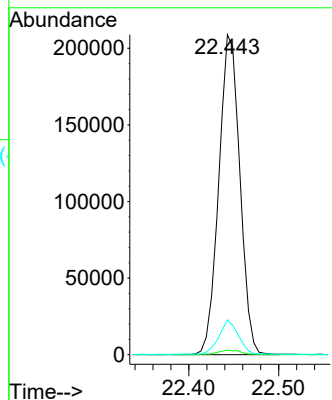
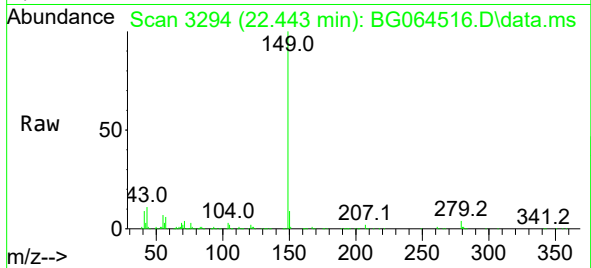




#85
Di-n-octyl phthalate
Concen: 46.94 ng
RT: 22.443 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

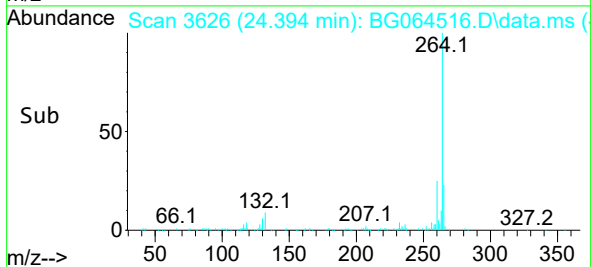
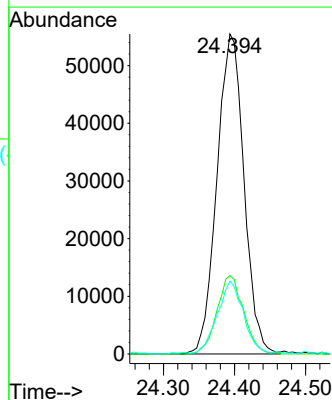
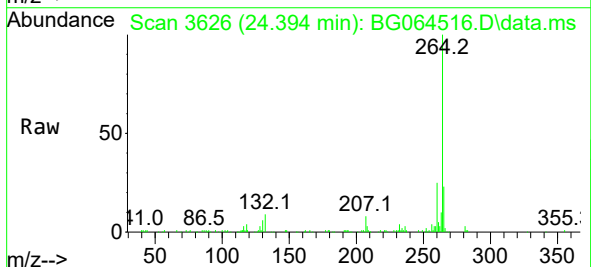
Instrument :
BNA_G
ClientSampleId :
PB170122BS

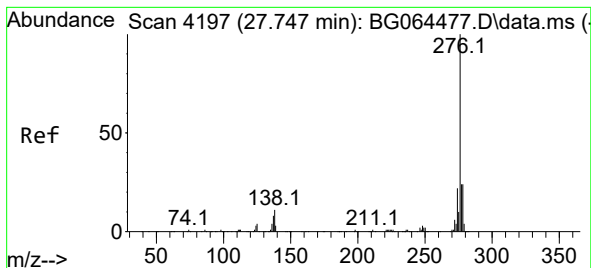
Tgt Ion:149 Resp: 341112
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.1 7.9 11.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.394 min Scan# 3626
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:264 Resp: 146077
Ion Ratio Lower Upper
264 100
260 24.5 16.2 24.4#
265 22.7 15.0 22.4#





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.53 ng

RT: 27.754 min Scan# 41

Delta R.T. 0.022 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

PB170122BS

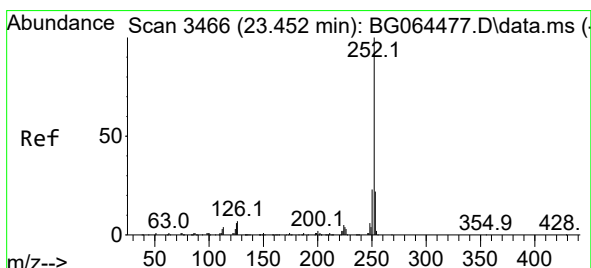
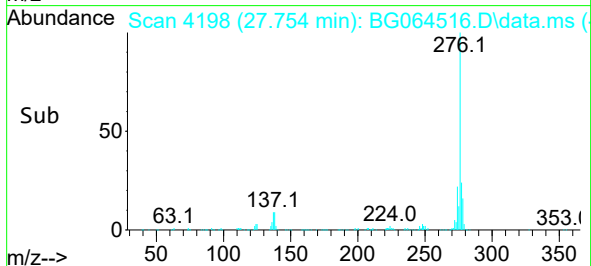
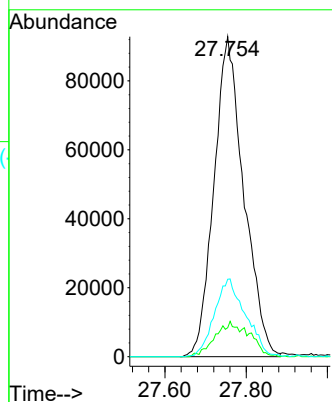
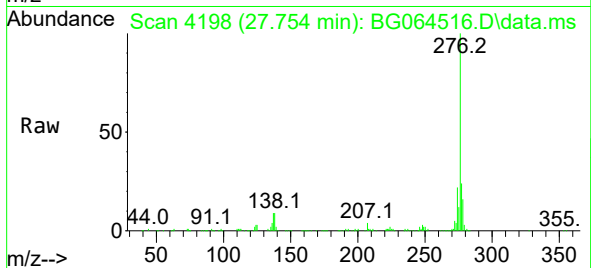
Tgt Ion:276 Resp: 473100

Ion Ratio Lower Upper

276 100

138 12.6 10.8 16.2

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 47.43 ng

RT: 23.459 min Scan# 3467

Delta R.T. 0.010 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

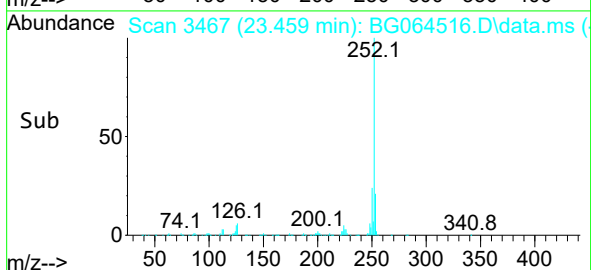
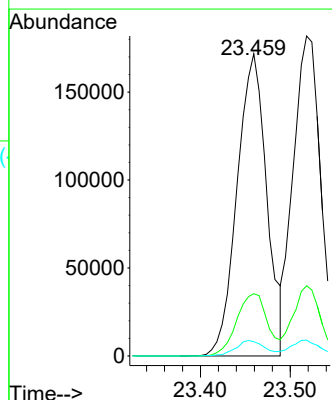
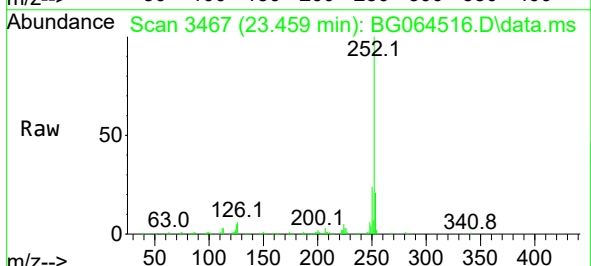
Tgt Ion:252 Resp: 394140

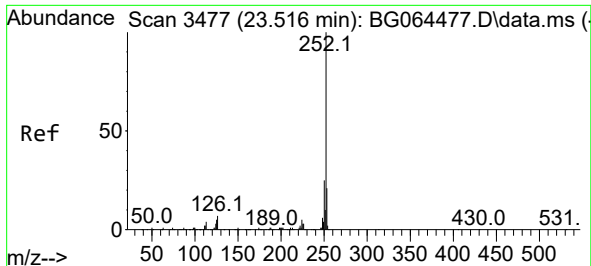
Ion Ratio Lower Upper

252 100

253 20.6 17.5 26.3

125 4.7 4.5 6.7

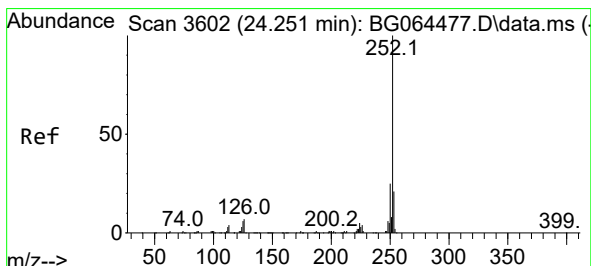
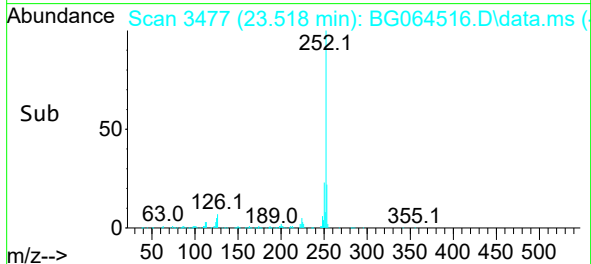
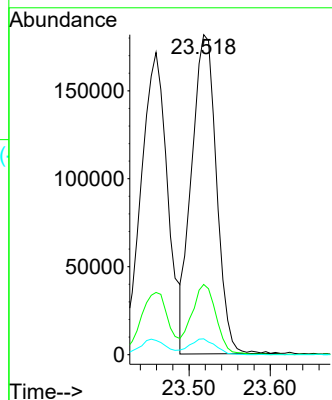
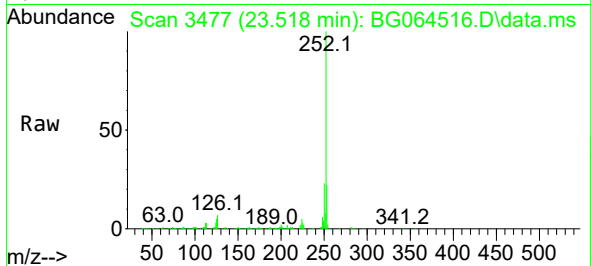




#89
Benzo(k)fluoranthene
Concen: 45.94 ng
RT: 23.518 min Scan# 3477
Delta R.T. 0.010 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

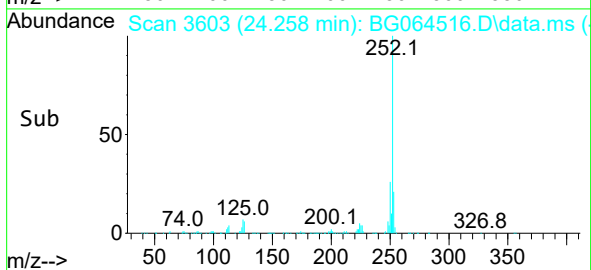
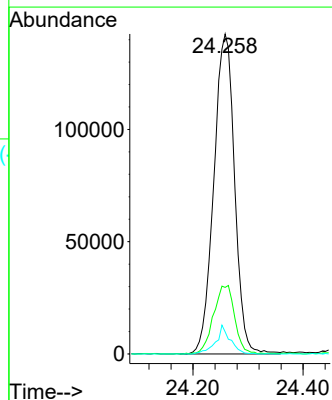
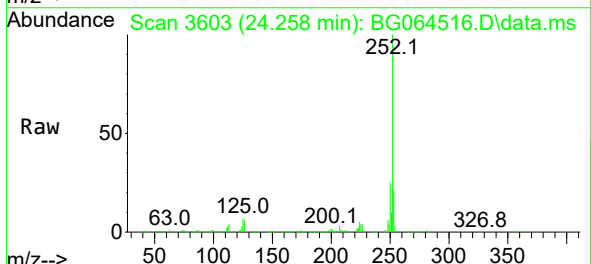
Instrument :
BNA_G
ClientSampleId :
PB170122BS

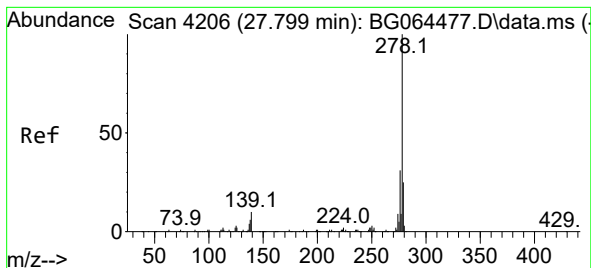
Tgt Ion:252 Resp: 384546
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 4.9 4.0 6.0



#90
Benzo(a)pyrene
Concen: 48.84 ng
RT: 24.258 min Scan# 3603
Delta R.T. 0.010 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:252 Resp: 374057
Ion Ratio Lower Upper
252 100
253 20.8 17.1 25.7
125 6.9 4.6 6.8#





#91

Dibenzo(a,h)anthracene

Concen: 47.58 ng

RT: 27.807 min Scan# 41

Delta R.T. 0.028 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

PB170122BS

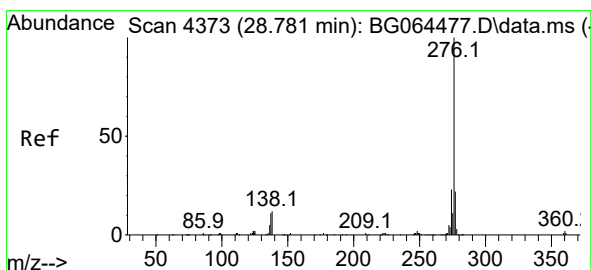
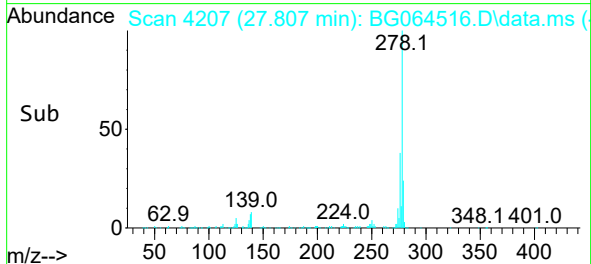
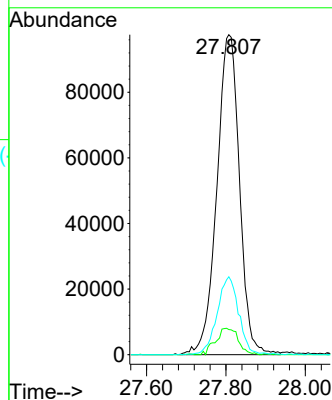
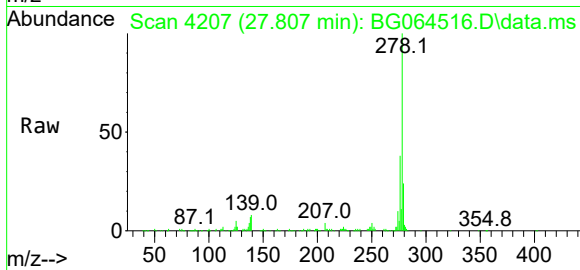
Tgt Ion:278 Resp: 386902

Ion Ratio Lower Upper

278 100

139 7.8 8.2 12.2#

279 24.4 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 47.61 ng

RT: 28.806 min Scan# 4377

Delta R.T. 0.040 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

Tgt Ion:276 Resp: 376191

Ion Ratio Lower Upper

276 100

277 21.9 17.8 26.6

138 10.2 9.4 14.0

