

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
 Data File : BG064518.D
 Acq On : 16 Oct 2025 16:15
 Operator : RC/JU
 Sample : PB170133BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170133BS

Quant Time: Oct 16 16:54:22 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	7.818	152	16050	20.00	ng	0.00
21) Naphthalene-d8	10.603	136	66367	20.00	ng	# 0.00
39) Acenaphthene-d10	14.446	164	52536	20.00	ng	0.00
64) Phenanthrene-d10	17.190	188	123287	20.00	ng	# 0.00
76) Chrysene-d12	21.414	240	138581	20.00	ng	# 0.00
86) Perylene-d12	24.399	264	149424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.409	112	119762	138.09	ng	0.00
7) Phenol-d6	7.002	99	155875	133.75	ng	0.02
23) Nitrobenzene-d5	8.976	82	108203	87.67	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	126843	133.20	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	299540	84.04	ng	0.00
79) Terphenyl-d14	19.810	244	632982	86.44	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.318	88	11460	33.41	ng	99
3) Pyridine	3.706	79	31435	34.10	ng	92
4) n-Nitrosodimethylamine	3.623	42	30565	45.73	ng	96
6) Aniline	7.149	93	43673	29.71	ng	97
8) 2-Chlorophenol	7.389	128	51530	48.39	ng	97
9) Benzaldehyde	6.955	77	22129	21.39	ng	97
10) Phenol	7.025	94	57867	47.07	ng	97
11) bis(2-Chloroethyl)ether	7.243	93	36354	43.66	ng	98
12) 1,3-Dichlorobenzene	7.707	146	53907	46.27	ng	98
13) 1,4-Dichlorobenzene	7.854	146	55904	47.81	ng	93
14) 1,2-Dichlorobenzene	8.171	146	52399	45.47	ng	94
15) Benzyl Alcohol	8.059	79	50798	47.33	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.341	45	53462	39.84	ng	97
17) 2-Methylphenol	8.265	107	43326	48.67	ng	94
18) Hexachloroethane	8.894	117	20821	45.12	ng	# 85
19) n-Nitroso-di-n-propyla...	8.623	70	35767	45.89	ng	# 97
20) 3+4-Methylphenols	8.594	107	59377	47.80	ng	98
22) Acetophenone	8.635	105	86803	54.02	ng	92
24) Nitrobenzene	9.017	77	56127	45.60	ng	97
25) Isophorone	9.540	82	99912	44.68	ng	99
26) 2-Nitrophenol	9.722	139	27940	45.61	ng	88
27) 2,4-Dimethylphenol	9.787	122	49382	52.78	ng	89
28) bis(2-Chloroethoxy)met...	10.022	93	52912	46.42	ng	98
29) 2,4-Dichlorophenol	10.263	162	54213	50.11	ng	97
30) 1,2,4-Trichlorobenzene	10.474	180	57255	48.53	ng	94
31) Naphthalene	10.656	128	161861	47.36	ng	99
32) Benzoic acid	9.963	122	38060	52.98	ng	87
33) 4-Chloroaniline	10.768	127	24766	18.88	ng	97
34) Hexachlorobutadiene	10.944	225	46764	46.29	ng	97
35) Caprolactam	11.543	113	8621	23.27	ng	96
36) 4-Chloro-3-methylphenol	11.902	107	64132	48.74	ng	93
37) 2-Methylnaphthalene	12.266	142	112406	42.85	ng	99
38) 1-Methylnaphthalene	12.483	142	116154	44.40	ng	94
40) 1,2,4,5-Tetrachloroben...	12.636	216	87558	51.62	ng	98
41) Hexachlorocyclopentadiene	12.619	237	127008	143.14	ng	95
43) 2,4,6-Trichlorophenol	12.877	196	52409	48.33	ng	98

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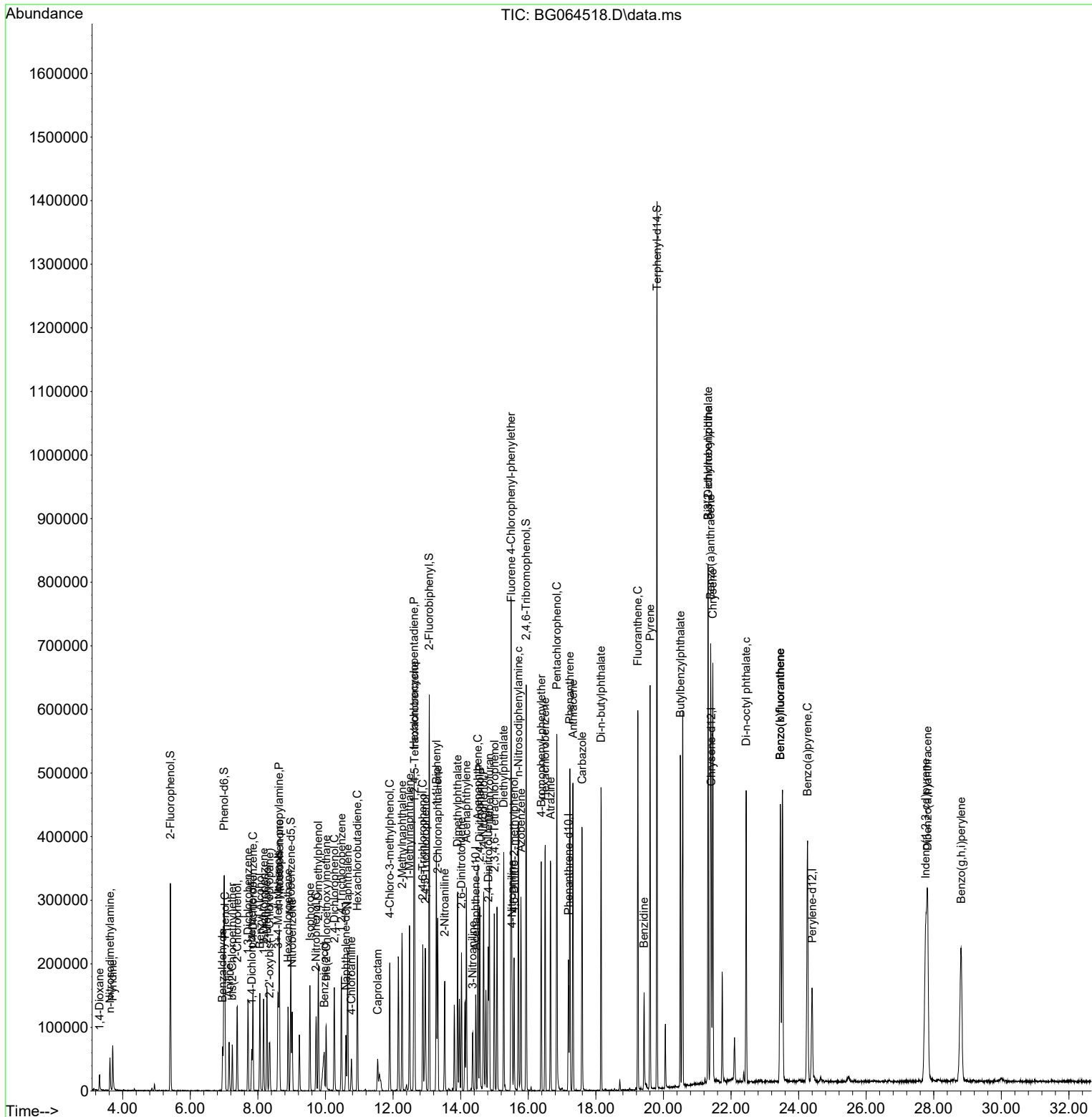
Quant Time: Oct 16 16:54:22 2025
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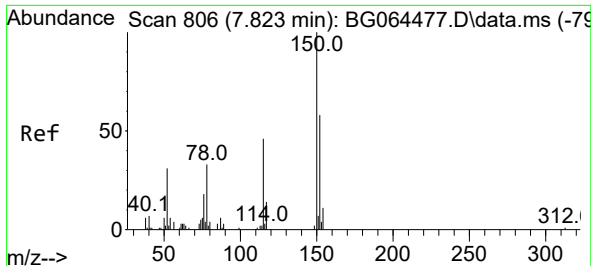
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.954	196	57242	47.28	ng	99
46) 1,1'-Biphenyl	13.283	154	191610	50.71	ng	96
47) 2-Chloronaphthalene	13.324	162	125557	44.51	ng	98
48) 2-Nitroaniline	13.529	65	43507	45.19	ng	93
49) Acenaphthylene	14.170	152	216199	51.62	ng	99
50) Dimethylphthalate	13.911	163	178769	43.45	ng	100
51) 2,6-Dinitrotoluene	14.023	165	40100	46.78	ng	88
52) Acenaphthene	14.511	154	128773	44.26	ng	100
53) 3-Nitroaniline	14.352	138	21086	26.67	ng	98
54) 2,4-Dinitrophenol	14.563	184	55255	88.90	ng	92
55) Dibenzofuran	14.845	168	215899	44.94	ng	98
56) 4-Nitrophenol	14.681	139	61087	98.15	ng	89
57) 2,4-Dinitrotoluene	14.816	165	61230	46.73	ng	94
58) Fluorene	15.498	166	183903	46.05	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.998	232	61407	49.70	ng	93
60) Diethylphthalate	15.274	149	195504	44.29	ng	98
61) 4-Chlorophenyl-phenyle...	15.492	204	97578	44.75	ng	100
62) 4-Nitroaniline	15.521	138	37456	45.46	ng	97
63) Azobenzene	15.786	77	150921	44.15	ng	97
65) 4,6-Dinitro-2-methylph...	15.580	198	41363	48.19	ng	94
66) n-Nitrosodiphenylamine	15.709	169	161576	49.08	ng	96
67) 4-Bromophenyl-phenylether	16.385	248	70110	48.32	ng	88
68) Hexachlorobenzene	16.502	284	80732	48.63	ng	95
69) Atrazine	16.661	200	73333	50.07	ng	96
70) Pentachlorophenol	16.843	266	103325	106.45	ng	99
71) Phenanthrene	17.231	178	308081	47.78	ng	100
72) Anthracene	17.325	178	314943	48.69	ng	100
73) Carbazole	17.595	167	279379	49.97	ng	97
74) Di-n-butylphthalate	18.153	149	334508	49.01	ng	99
75) Fluoranthene	19.240	202	390939	50.76	ng	98
77) Benzidine	19.428	184	95013	27.55	ng	100
78) Pyrene	19.605	202	398440	44.30	ng	100
80) Butylbenzylphthalate	20.503	149	155197	48.68	ng	96
81) Benzo(a)anthracene	21.397	228	427989	48.37	ng	99
82) 3,3'-Dichlorobenzidine	21.320	252	84226	28.12	ng	97
83) Chrysene	21.461	228	398106	47.44	ng	97
84) Bis(2-ethylhexyl)phtha...	21.320	149	218513	48.58	ng	95
85) Di-n-octyl phthalate	22.448	149	371963	49.20	ng	100
87) Indeno(1,2,3-cd)pyrene	27.760	276	513100	49.33	ng	99
88) Benzo(b)fluoranthene	23.459	252	418720	49.26	ng	100
89) Benzo(k)fluoranthene	23.459	252	418720	48.91	ng	99
90) Benzo(a)pyrene	24.264	252	405302	51.73	ng	98
91) Dibenzo(a,h)anthracene	27.818	278	421086	50.63	ng	# 98
92) Benzo(g,h,i)perylene	28.806	276	404947	50.10	ng	95

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

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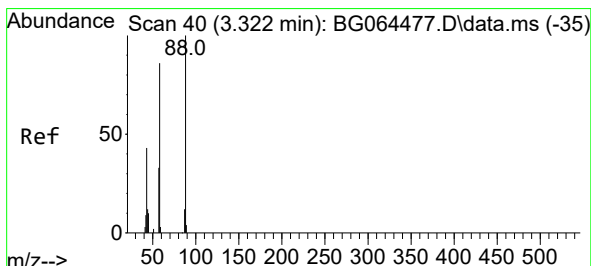
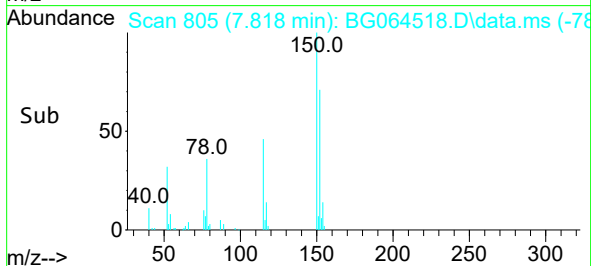
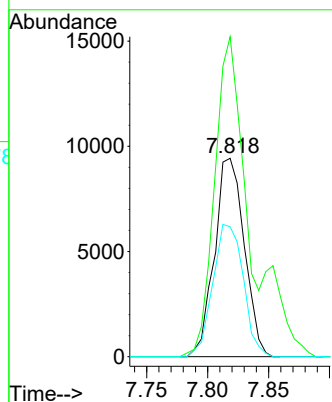
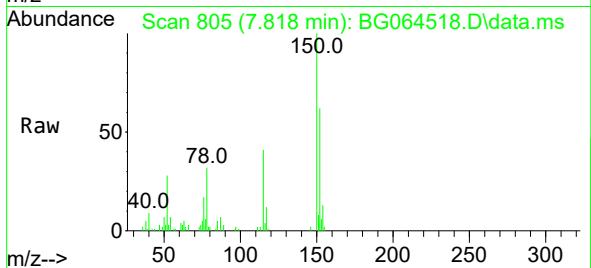




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.818 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

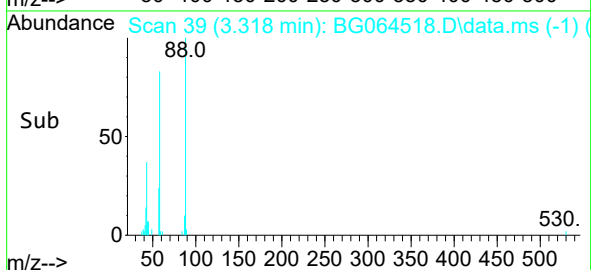
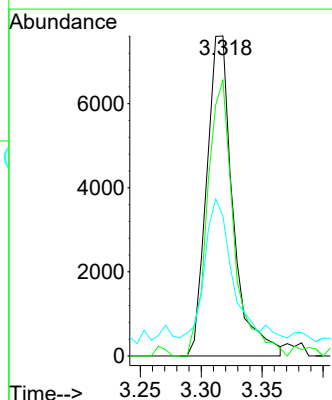
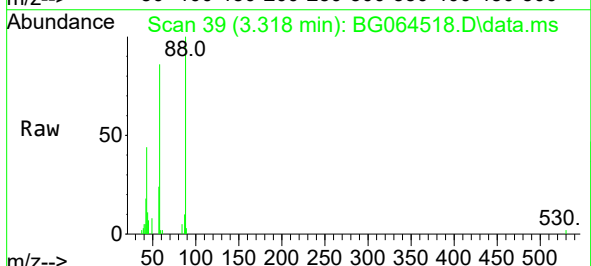
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BNA_G
ClientSampleId :
PB170133BS

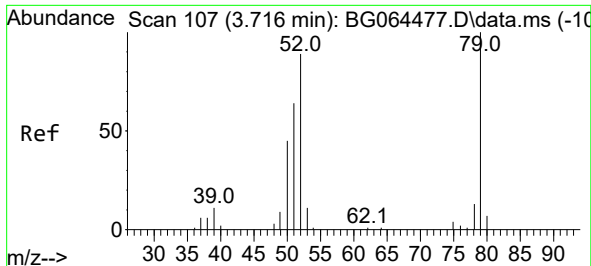
Tgt Ion:152 Resp: 16050
Ion Ratio Lower Upper
152 100
150 161.2 138.6 207.8
115 65.4 63.4 95.2



#2
1,4-Dioxane
Concen: 33.41 ng
RT: 3.318 min Scan# 39
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

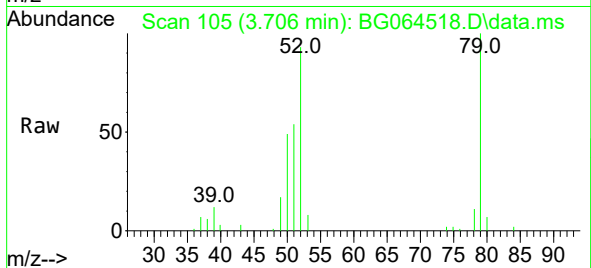
Tgt Ion: 88 Resp: 11460
Ion Ratio Lower Upper
88 100
58 86.5 69.8 104.6
43 46.0 37.4 56.0





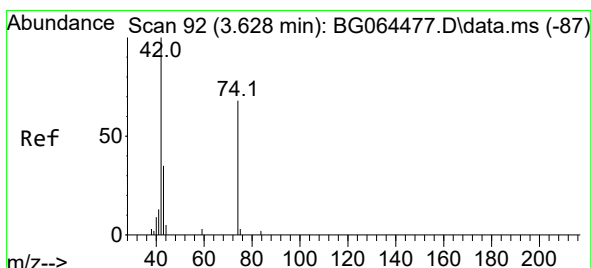
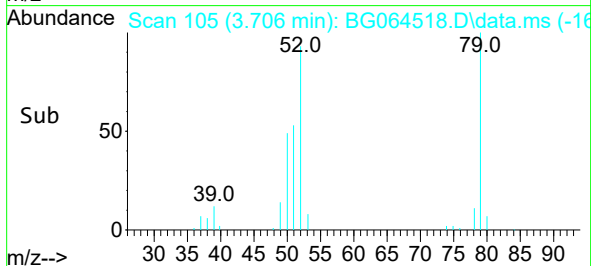
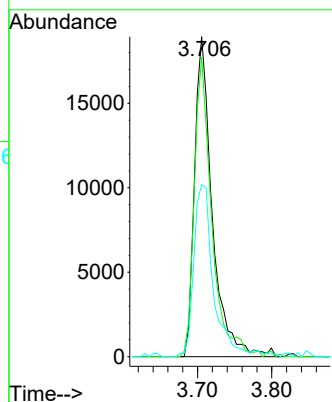
#3
 Pyridine
 Concen: 34.10 ng
 RT: 3.706 min Scan# 107
 Delta R.T. -0.008 min
 Lab File: BG064518.D
 Acq: 16 Oct 2025 16:15

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion: 79 Resp: 31435

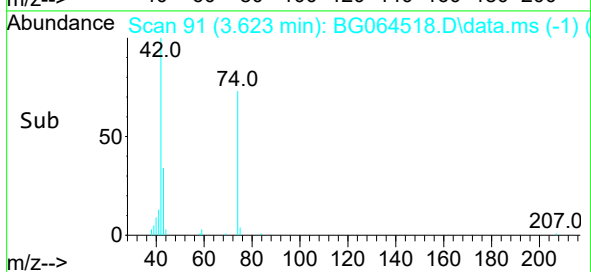
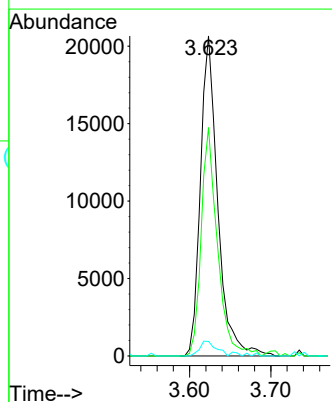
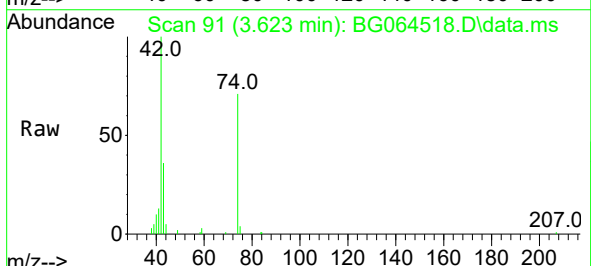
Ion	Ratio	Lower	Upper
79	100		
52	93.5	71.0	106.4
51	53.7	51.0	76.6

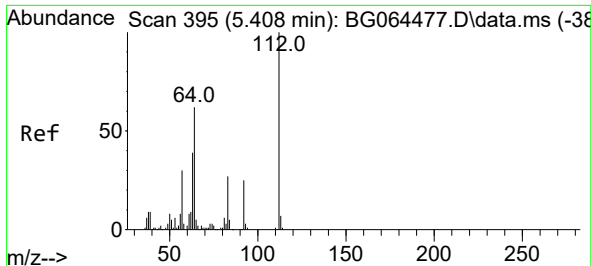


#4
 n-Nitrosodimethylamine
 Concen: 45.73 ng
 RT: 3.623 min Scan# 91
 Delta R.T. -0.002 min
 Lab File: BG064518.D
 Acq: 16 Oct 2025 16:15

Tgt Ion: 42 Resp: 30565

Ion	Ratio	Lower	Upper
42	100		
74	71.3	54.2	81.4
44	4.5	4.2	6.2

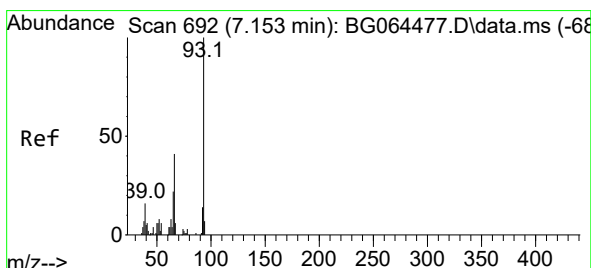
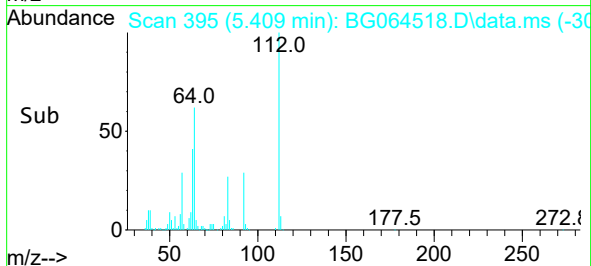
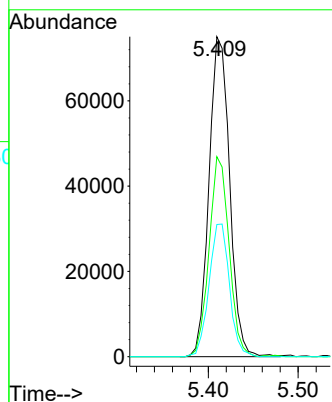
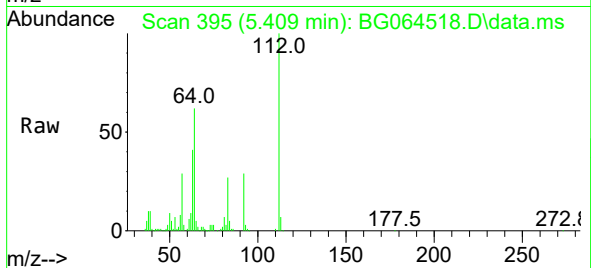




#5
2-Fluorophenol
Concen: 138.09 ng
RT: 5.409 min Scan# 395
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

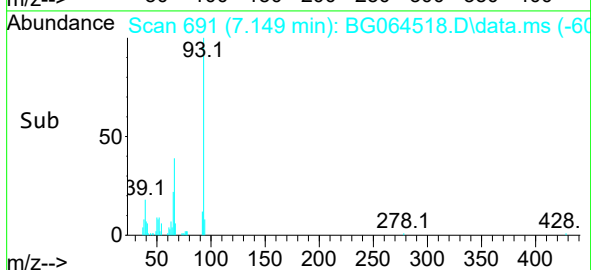
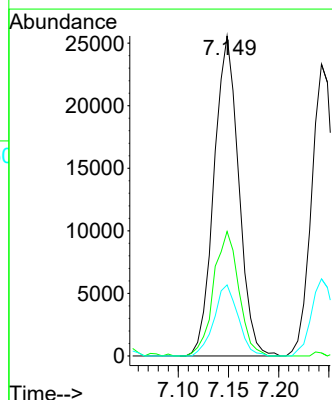
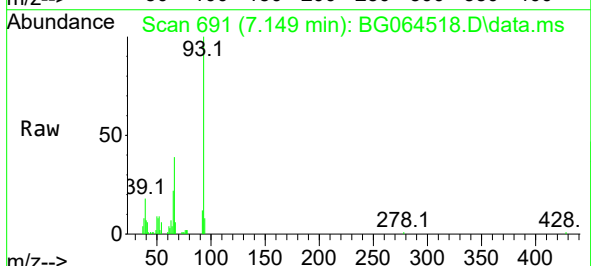
Instrument :
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ClientSampleId :
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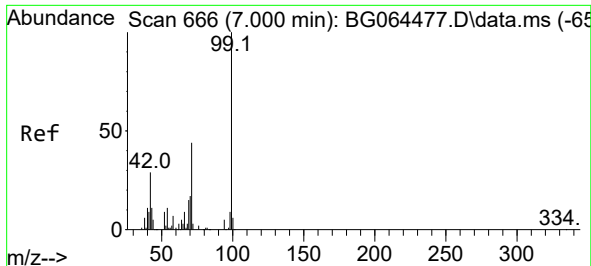
Tgt Ion:112 Resp: 119762
Ion Ratio Lower Upper
112 100
64 62.5 49.8 74.8
63 41.3 31.3 46.9



#6
Aniline
Concen: 29.71 ng
RT: 7.149 min Scan# 691
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion: 93 Resp: 43673
Ion Ratio Lower Upper
93 100
66 38.9 33.0 49.4
65 22.2 17.5 26.3

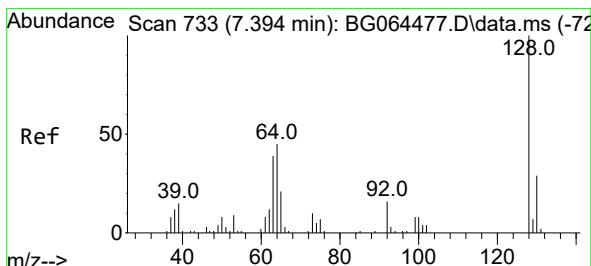
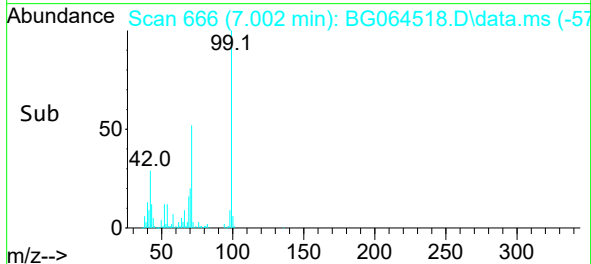
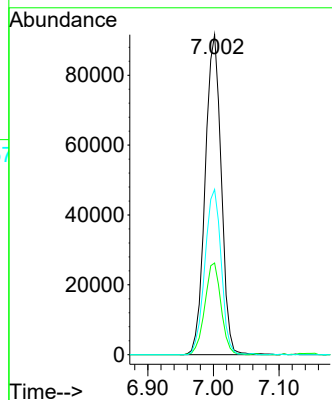
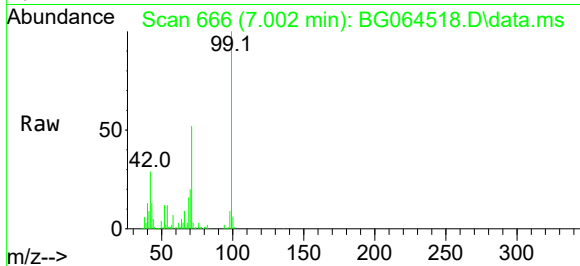




#7
Phenol-d6
Concen: 133.75 ng
RT: 7.002 min Scan# 60
Delta R.T. 0.016 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

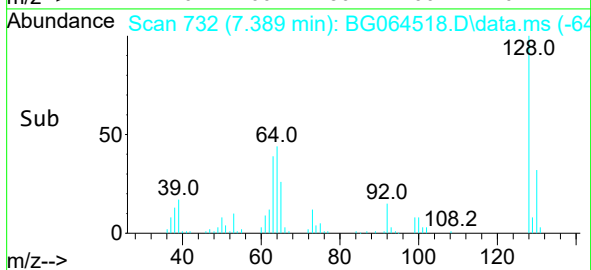
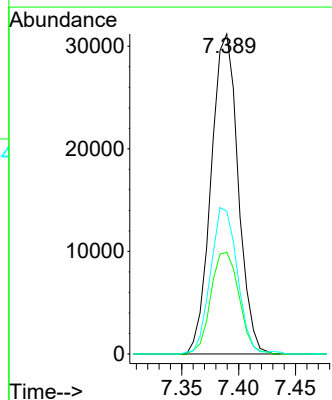
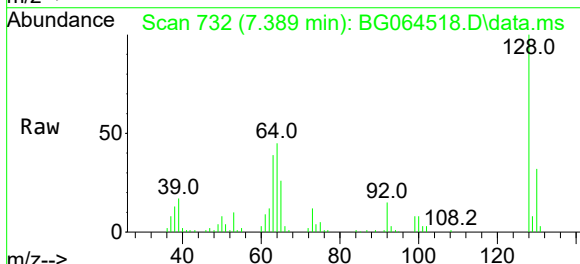
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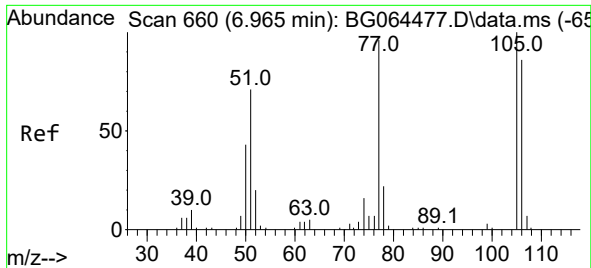
Tgt Ion: 99 Resp: 155875
Ion Ratio Lower Upper
99 100
42 28.7 22.9 34.3
71 51.6 35.4 53.2



#8
2-Chlorophenol
Concen: 48.39 ng
RT: 7.389 min Scan# 732
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:128 Resp: 51530
Ion Ratio Lower Upper
128 100
130 31.8 9.2 49.2
64 44.6 25.5 65.5

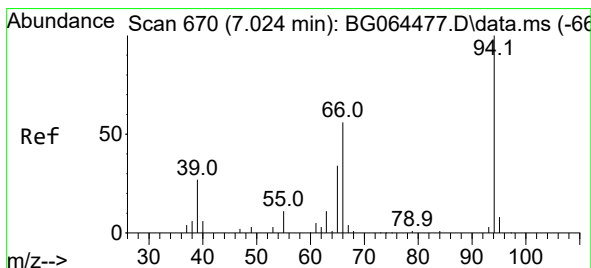
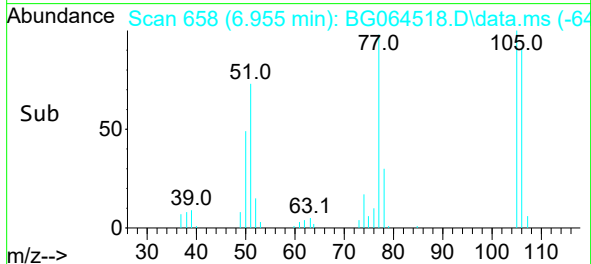
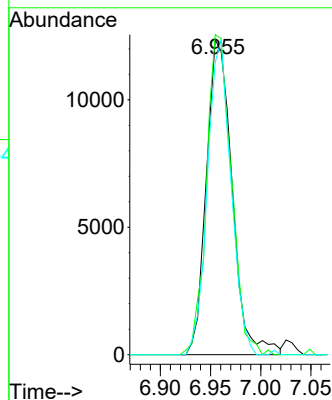
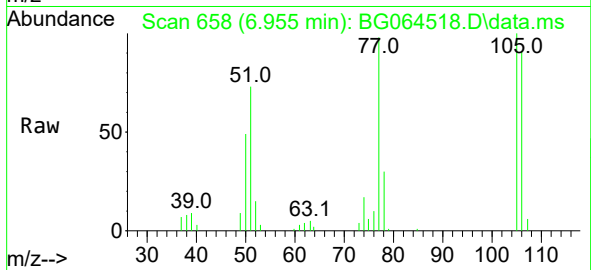




#9
Benzaldehyde
Concen: 21.39 ng
RT: 6.955 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

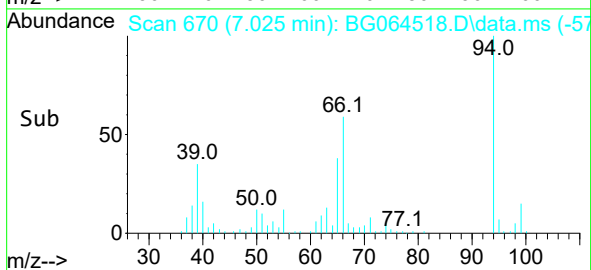
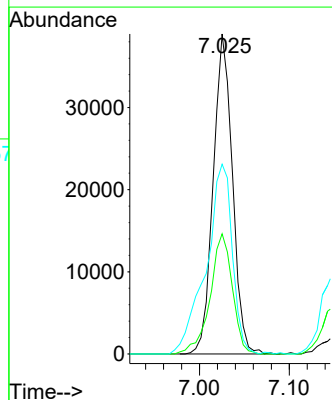
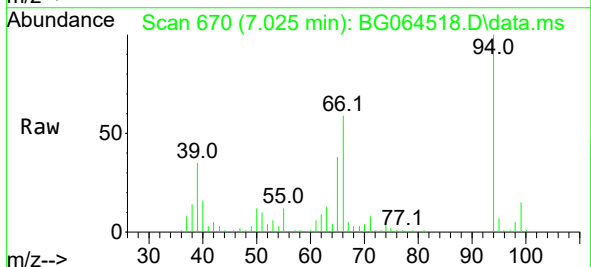
Instrument :
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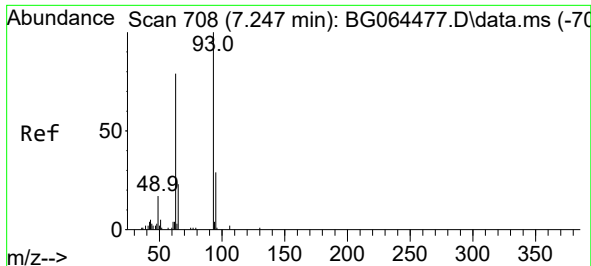
Tgt Ion:	77	Resp:	22129
Ion	Ratio	Lower	Upper
77	100		
105	101.6	83.7	123.7
106	92.8	69.4	109.4



#10
Phenol
Concen: 47.07 ng
RT: 7.025 min Scan# 670
Delta R.T. 0.010 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:	94	Resp:	57867
Ion	Ratio	Lower	Upper
94	100		
65	37.5	14.8	54.8
66	59.3	41.4	81.4

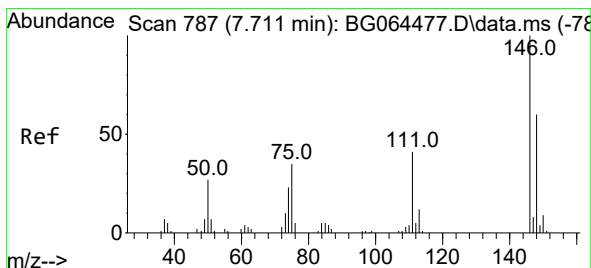
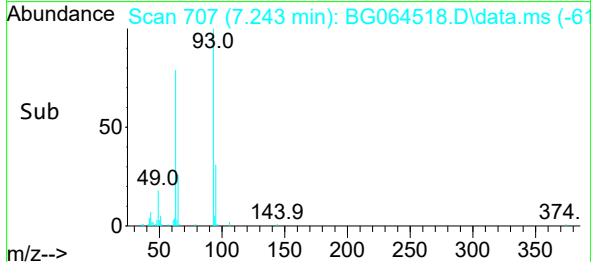
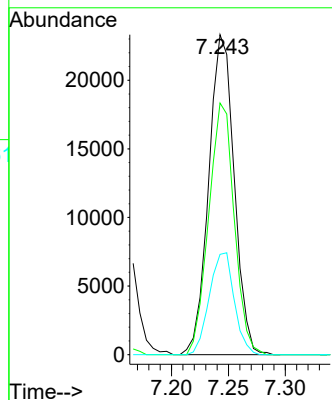
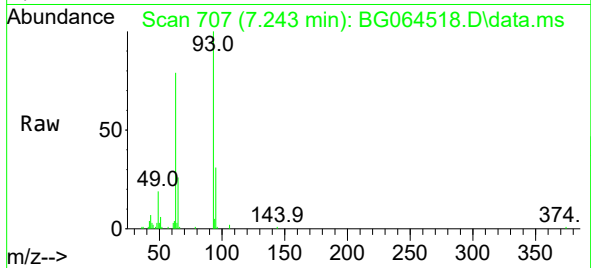




#11
bis(2-Chloroethyl)ether
Concen: 43.66 ng
RT: 7.243 min Scan# 708
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

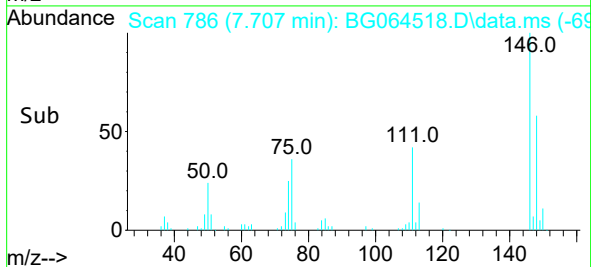
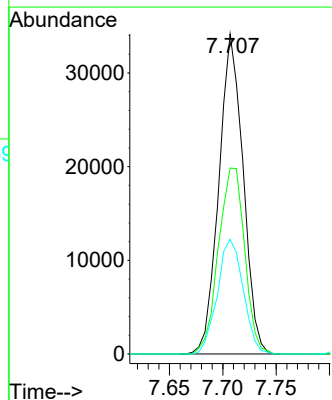
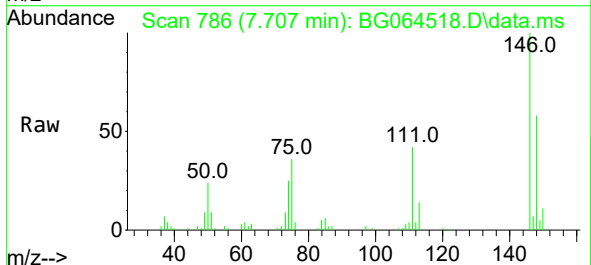
Instrument :
BNA_G
ClientSampleId :
PB170133BS

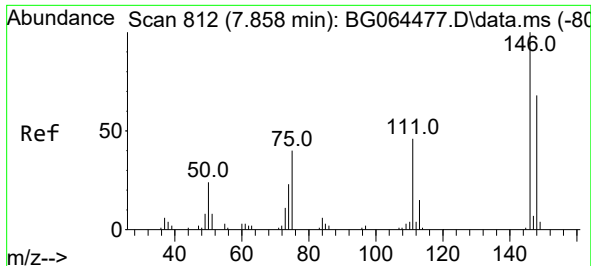
Tgt Ion: 93 Resp: 36354
Ion Ratio Lower Upper
93 100
63 78.6 59.5 99.5
95 31.3 8.8 48.8



#12
1,3-Dichlorobenzene
Concen: 46.27 ng
RT: 7.707 min Scan# 786
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:146 Resp: 53907
Ion Ratio Lower Upper
146 100
148 58.1 48.4 72.6
75 35.8 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 47.81 ng

RT: 7.854 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

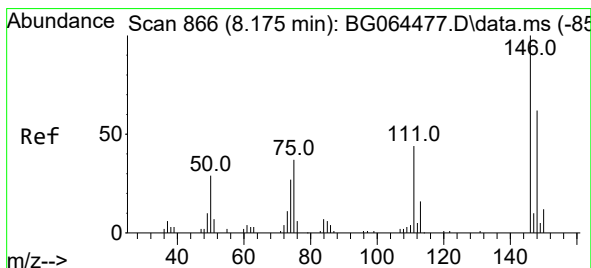
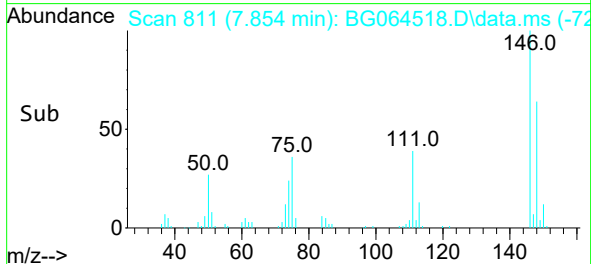
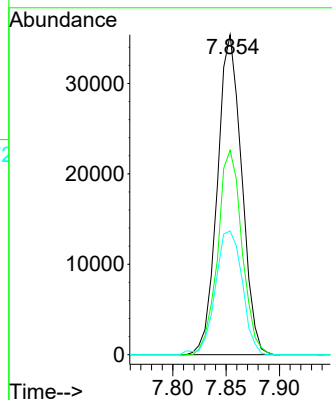
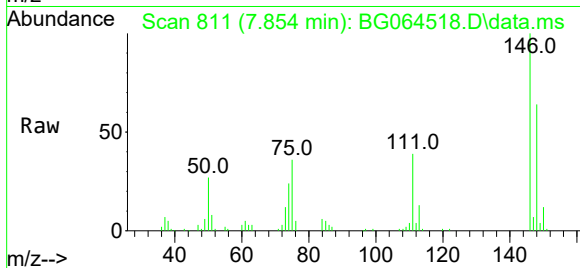
Tgt Ion:146 Resp: 55904

Ion Ratio Lower Upper

146 100

148 63.9 54.4 81.6

111 38.6 36.5 54.7



#14

1,2-Dichlorobenzene

Concen: 45.47 ng

RT: 8.171 min Scan# 865

Delta R.T. -0.002 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

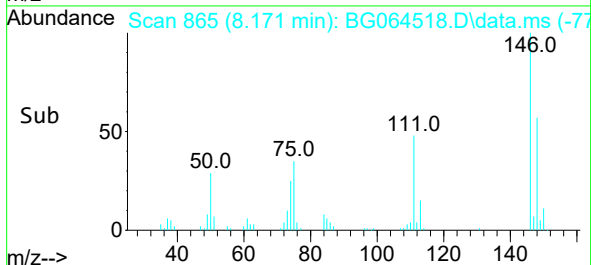
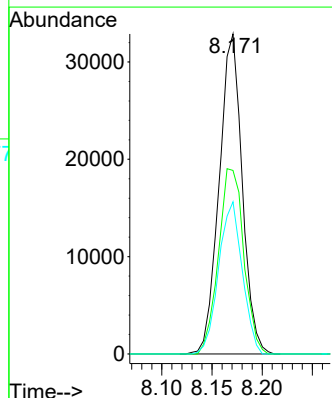
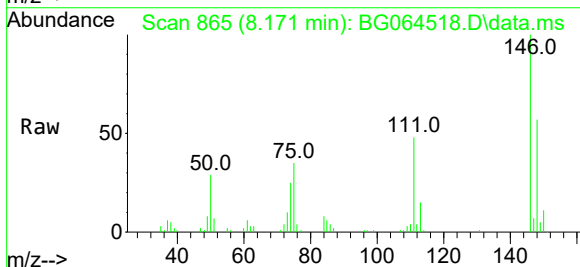
Tgt Ion:146 Resp: 52399

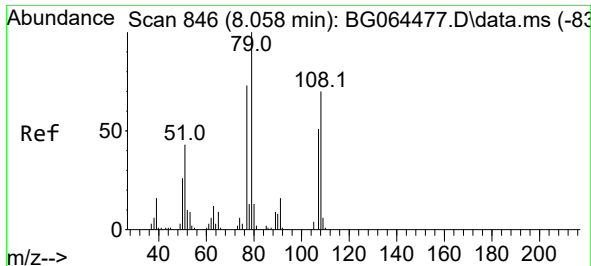
Ion Ratio Lower Upper

146 100

148 57.4 50.0 75.0

111 47.6 35.0 52.4

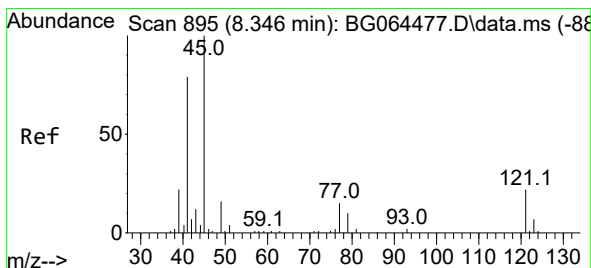
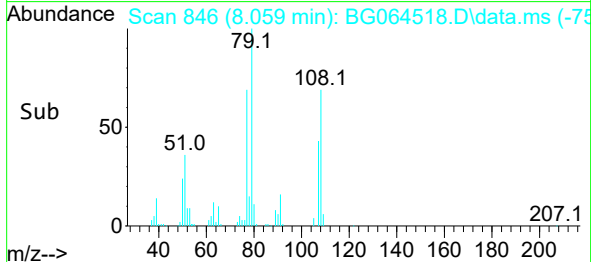
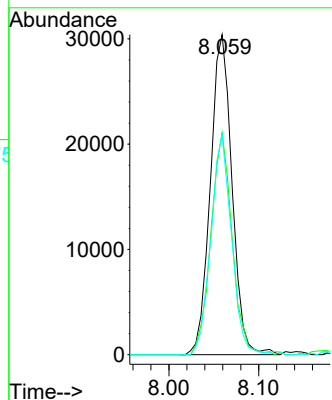
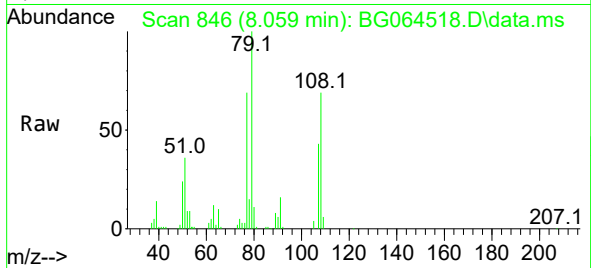




#15
Benzyl Alcohol
Concen: 47.33 ng
RT: 8.059 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

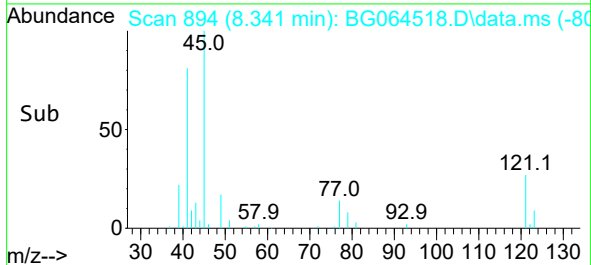
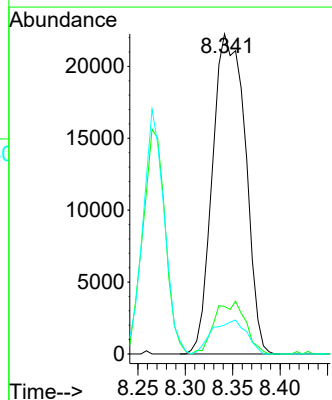
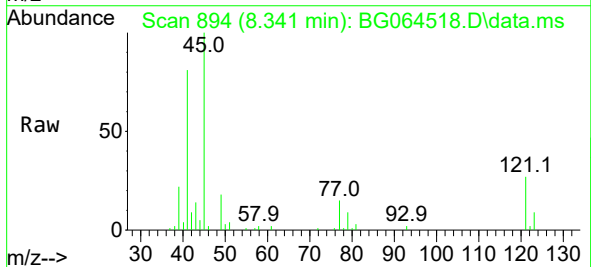
Instrument :
BNA_G
ClientSampleId :
PB170133BS

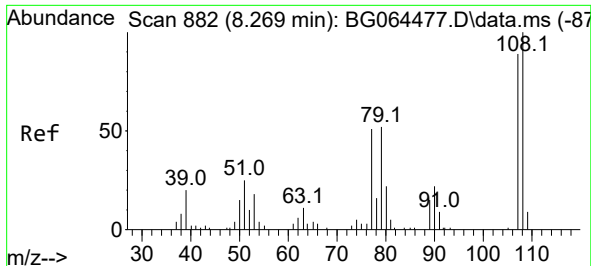
Tgt Ion: 79 Resp: 50798
Ion Ratio Lower Upper
79 100
108 69.4 56.4 84.6
77 68.8 58.3 87.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.84 ng
RT: 8.341 min Scan# 894
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

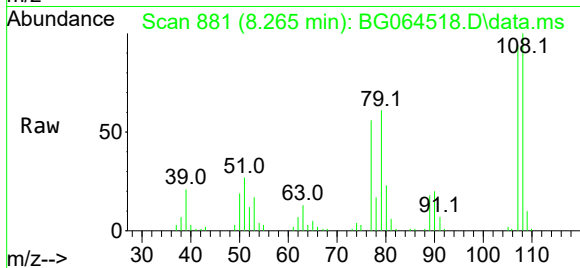
Tgt Ion: 45 Resp: 53462
Ion Ratio Lower Upper
45 100
77 14.8 0.0 35.6
79 9.1 0.0 30.7



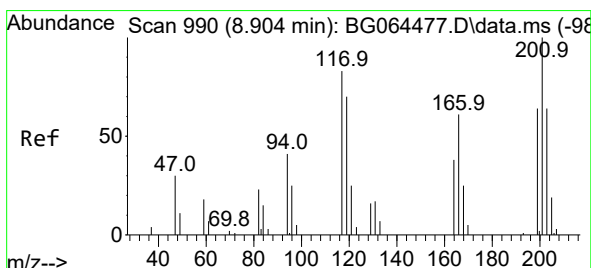
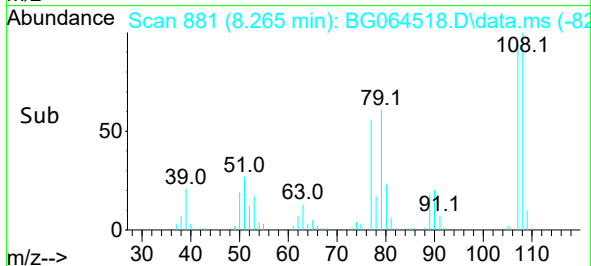
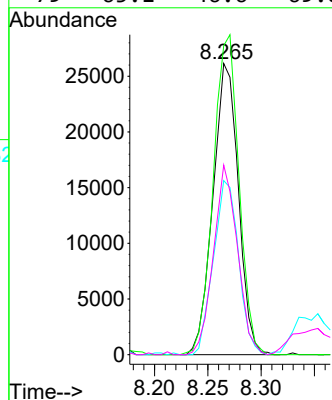


#17
2-Methylphenol
Concen: 48.67 ng
RT: 8.265 min Scan# 811
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :
BNA_G
ClientSampleId :
PB170133BS

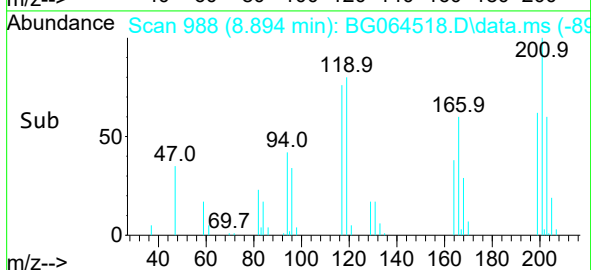
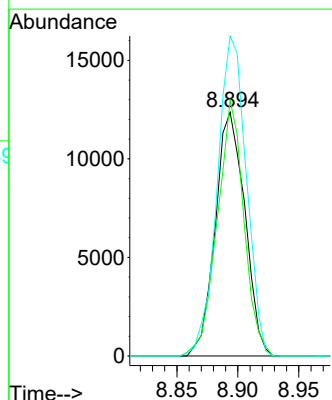
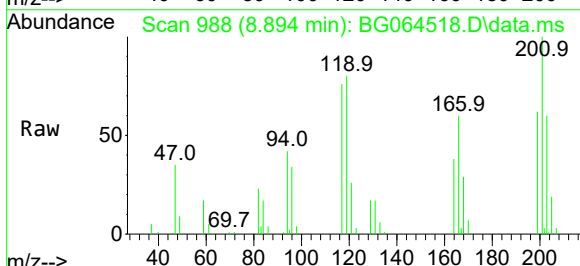


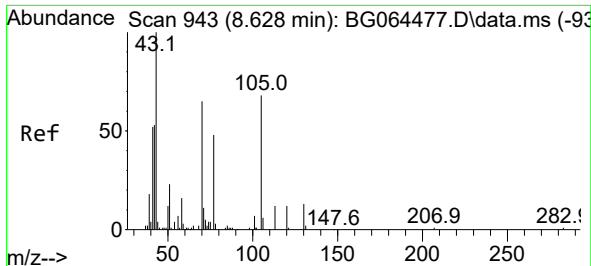
Tgt Ion:107 Resp: 43326
Ion Ratio Lower Upper
107 100
108 106.2 90.3 135.5
77 59.8 46.0 69.0
79 65.1 46.6 69.8



#18
Hexachloroethane
Concen: 45.12 ng
RT: 8.894 min Scan# 988
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:117 Resp: 20821
Ion Ratio Lower Upper
117 100
119 104.9 67.4 101.0#
201 131.3 95.9 143.9

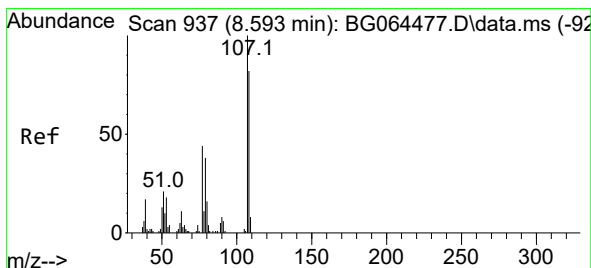
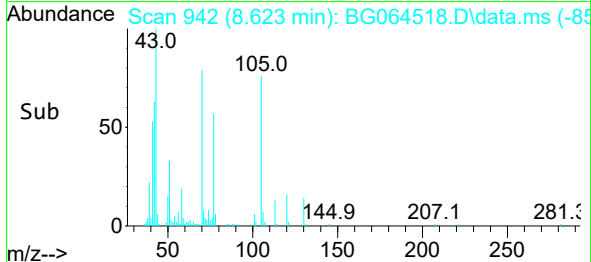
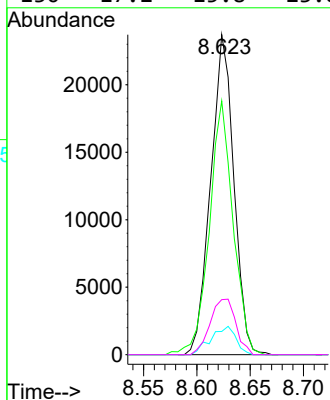
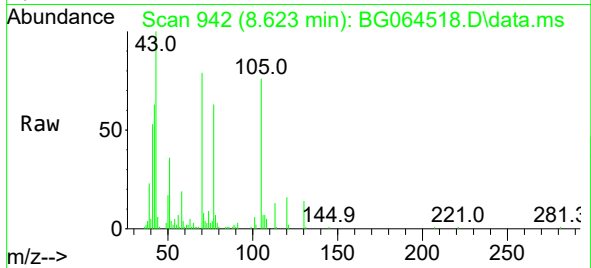




#19
n-Nitroso-di-n-propylamine
Concen: 45.89 ng
RT: 8.623 min Scan# 943
Delta R.T. 0.010 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

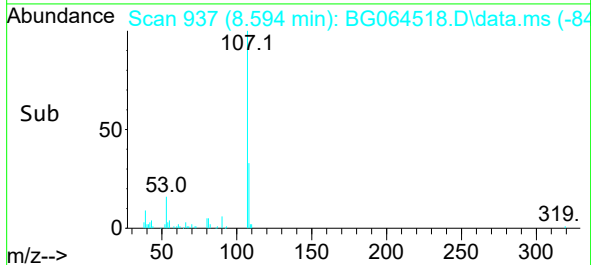
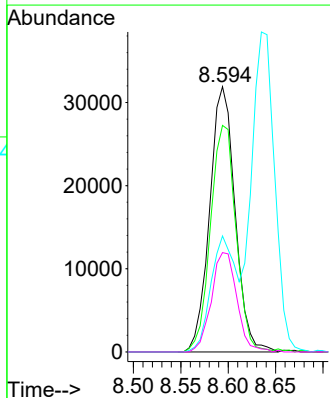
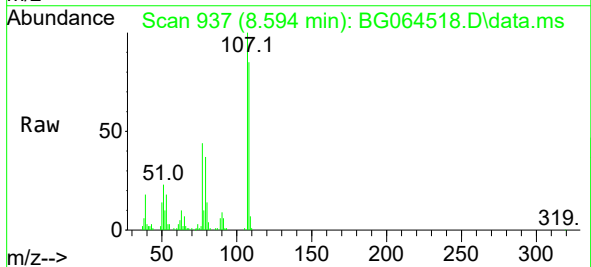
Instrument :
BNA_G
ClientSampleId :
PB170133BS

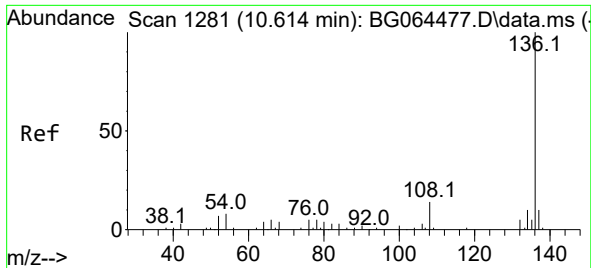
Tgt Ion:	70	Resp:	35767
Ion	Ratio	Lower	Upper
70	100		
42	79.3	64.9	97.3
101	7.2	8.7	13.1#
130	17.2	15.8	23.8



#20
3+4-Methylphenols
Concen: 47.80 ng
RT: 8.594 min Scan# 937
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:	107	Resp:	59377
Ion	Ratio	Lower	Upper
107	100		
108	85.4	62.1	102.1
77	43.8	23.5	63.5
79	37.5	17.8	57.8

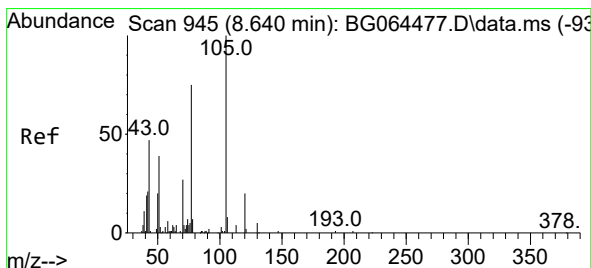
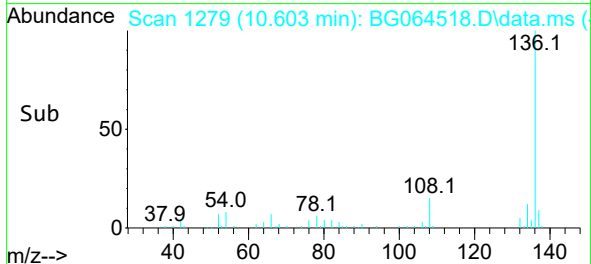
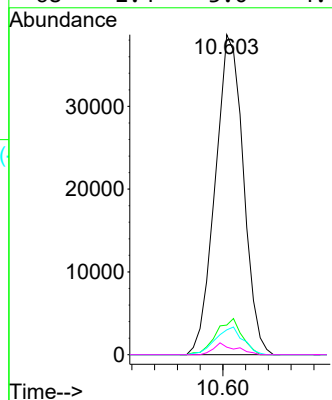
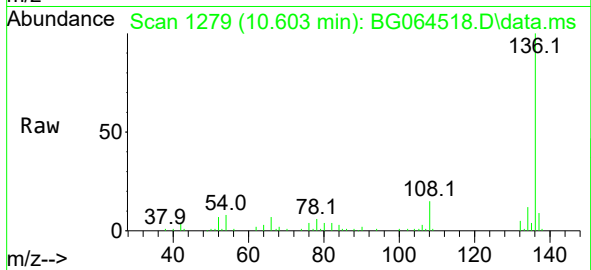




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.603 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

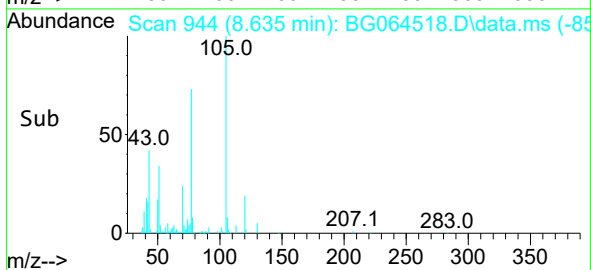
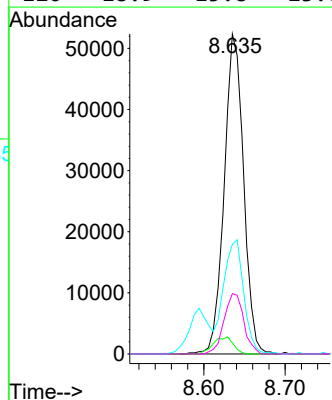
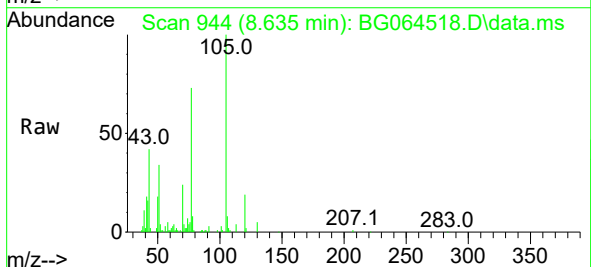
Instrument :
BNA_G
ClientSampleId :
PB170133BS

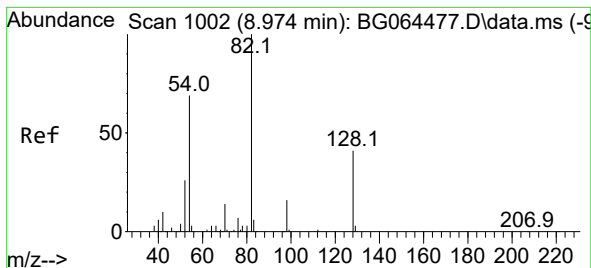
Tgt Ion:136 Resp: 66367
Ion Ratio Lower Upper
136 100
137 9.2 8.3 12.5
54 7.7 6.2 9.4
68 2.4 3.0 4.4#



#22
Acetophenone
Concen: 54.02 ng
RT: 8.635 min Scan# 944
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:105 Resp: 86803
Ion Ratio Lower Upper
105 100
71 3.5 2.8 4.2
51 34.2 33.0 49.4
120 18.9 15.8 23.6





#23

Nitrobenzene-d5

Concen: 87.67 ng

RT: 8.976 min Scan# 1002

Delta R.T. 0.010 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

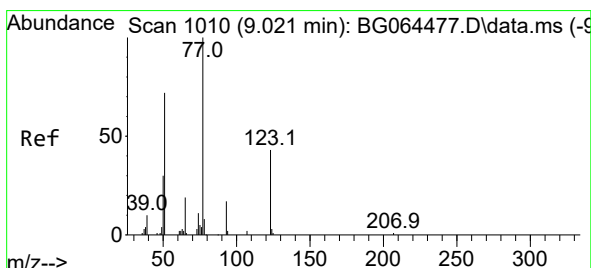
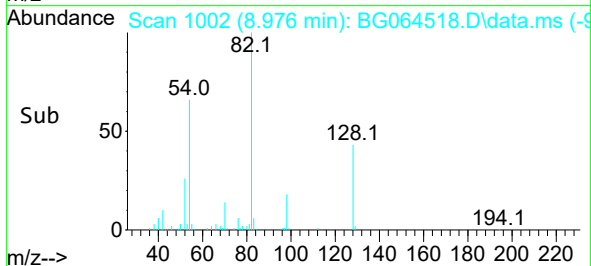
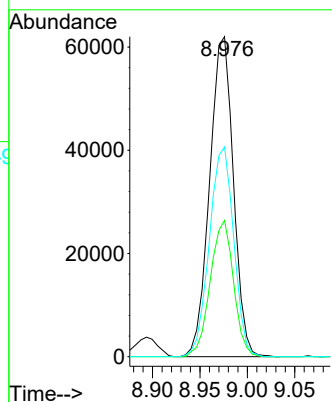
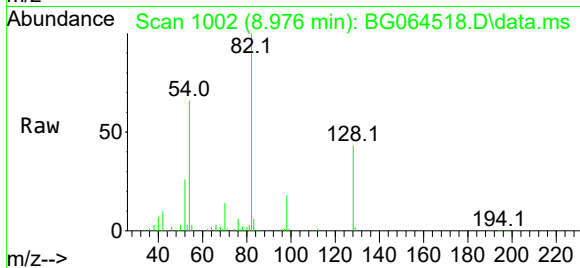
Tgt Ion: 82 Resp: 108203

Ion Ratio Lower Upper

82 100

128 42.6 33.1 49.7

54 65.5 55.4 83.2



#24

Nitrobenzene

Concen: 45.60 ng

RT: 9.017 min Scan# 1009

Delta R.T. 0.004 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

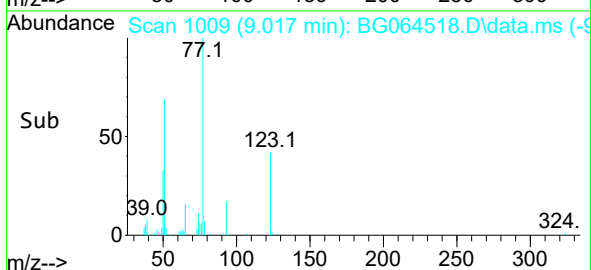
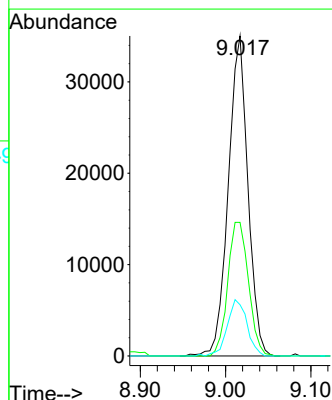
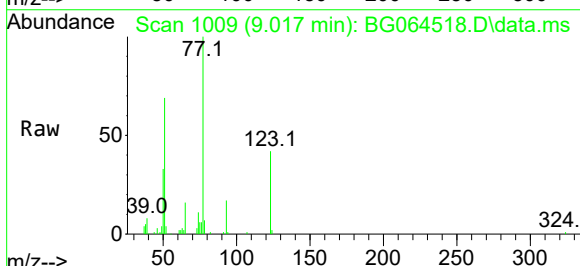
Tgt Ion: 77 Resp: 56127

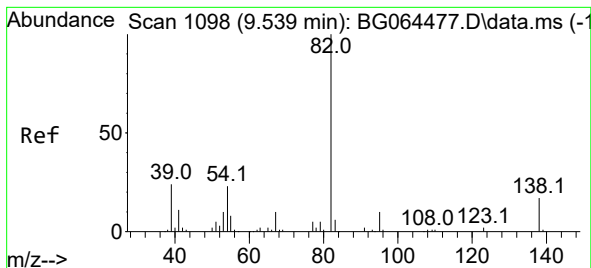
Ion Ratio Lower Upper

77 100

123 41.7 34.4 51.6

65 16.0 14.8 22.2





#25

Isophorone

Concen: 44.68 ng

RT: 9.540 min Scan# 1109

Delta R.T. 0.010 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

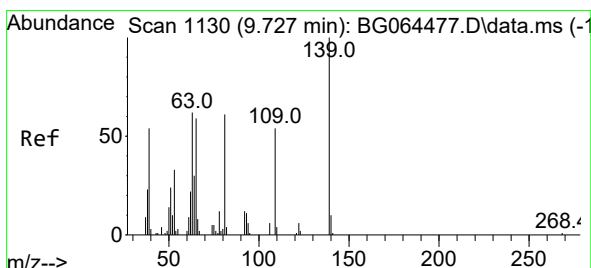
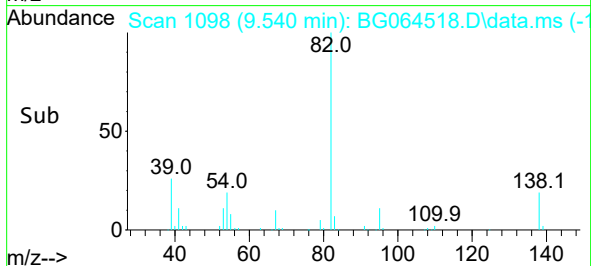
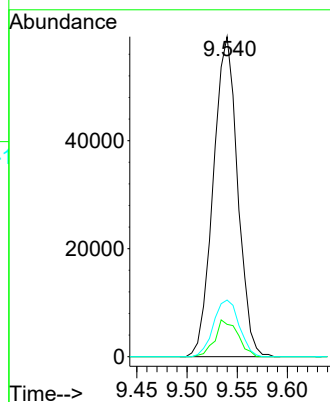
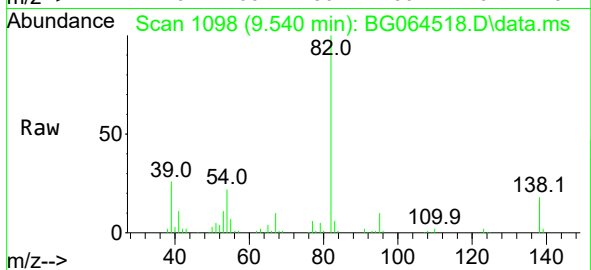
Tgt Ion: 82 Resp: 99912

Ion Ratio Lower Upper

82 100

95 10.1 7.8 11.8

138 17.7 13.8 20.6



#26

2-Nitrophenol

Concen: 45.61 ng

RT: 9.722 min Scan# 1129

Delta R.T. 0.004 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

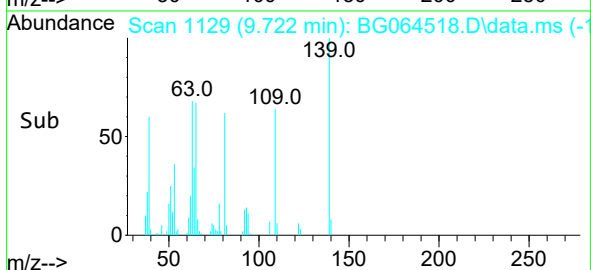
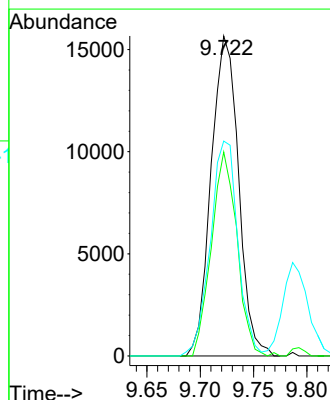
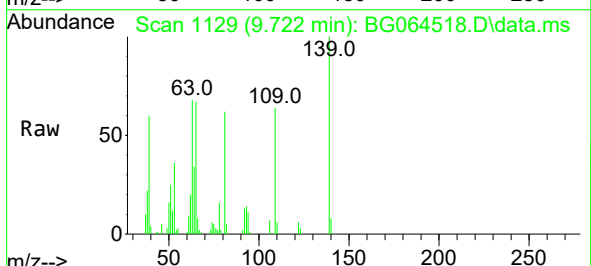
Tgt Ion:139 Resp: 27940

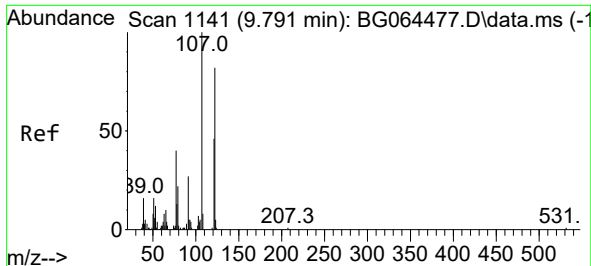
Ion Ratio Lower Upper

139 100

109 63.7 43.0 64.6

65 67.2 47.4 71.2

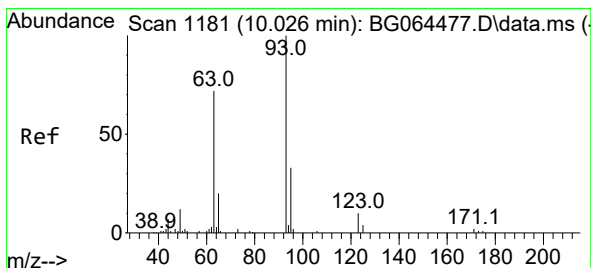
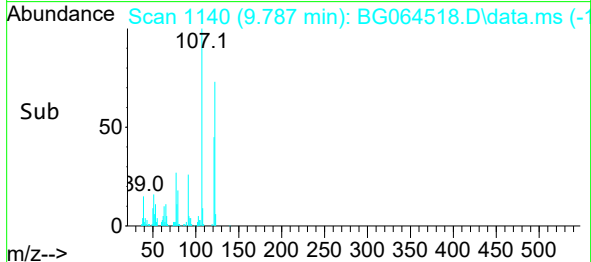
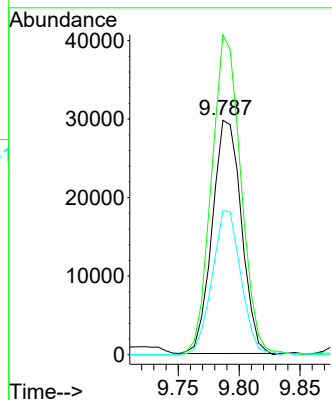
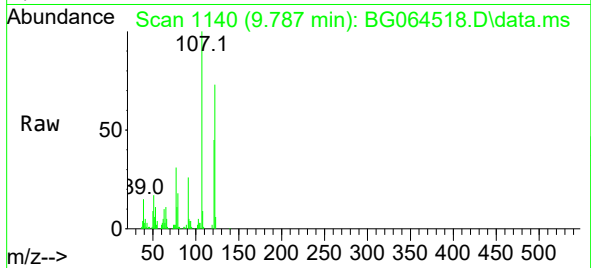




#27
2,4-Dimethylphenol
Concen: 52.78 ng
RT: 9.787 min Scan# 1141
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

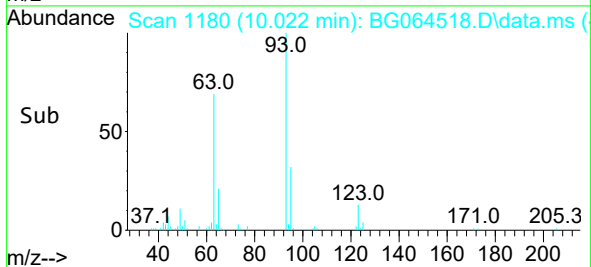
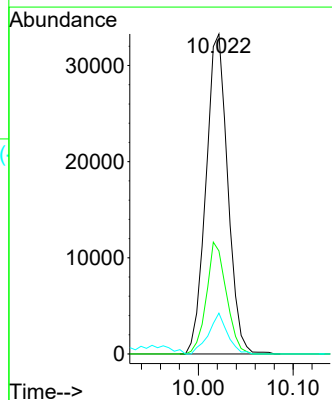
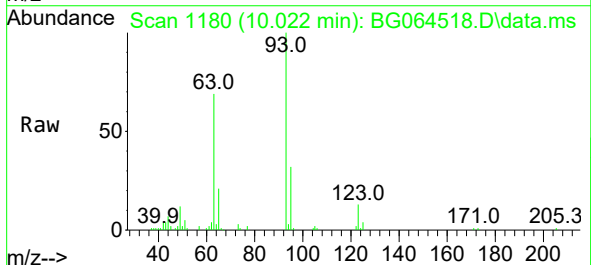
Instrument :
BNA_G
ClientSampleId :
PB170133BS

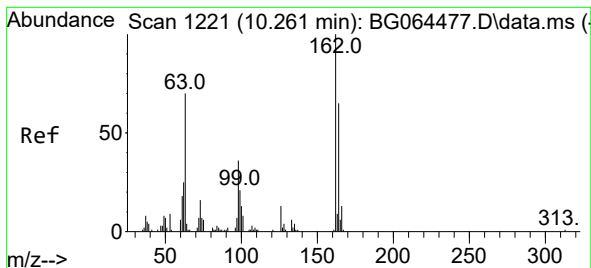
Tgt Ion:122 Resp: 49382
Ion Ratio Lower Upper
122 100
107 136.5 98.3 147.5
121 61.5 44.7 67.1



#28
bis(2-Chloroethoxy)methane
Concen: 46.42 ng
RT: 10.022 min Scan# 1180
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion: 93 Resp: 52912
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 12.8 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 50.11 ng

RT: 10.263 min Scan# 11

Delta R.T. 0.004 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

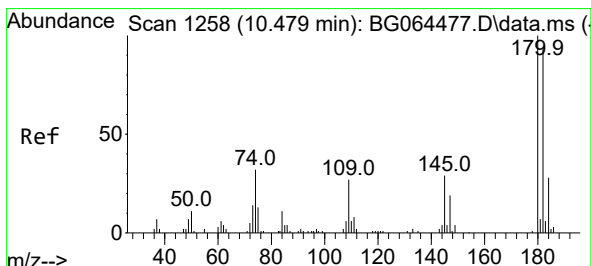
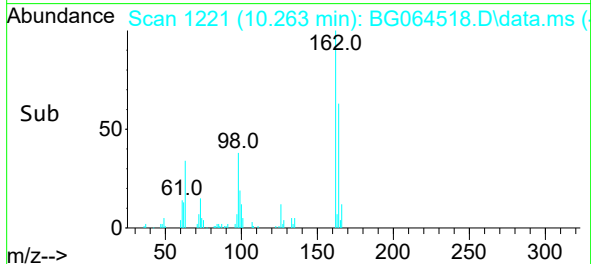
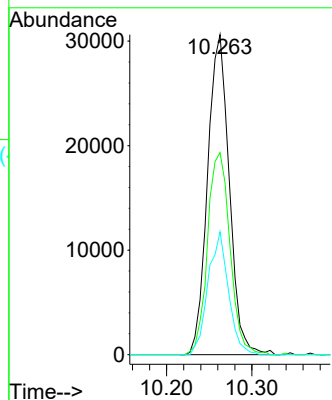
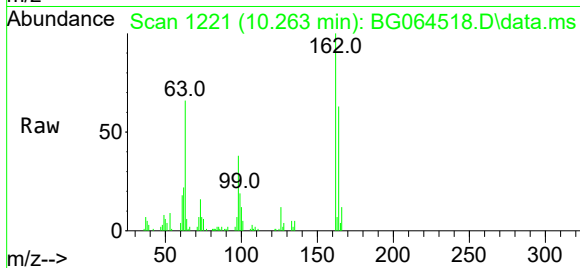
Tgt Ion:162 Resp: 54213

Ion Ratio Lower Upper

162 100

164 63.1 45.4 85.4

98 38.4 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 48.53 ng

RT: 10.474 min Scan# 1257

Delta R.T. 0.004 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

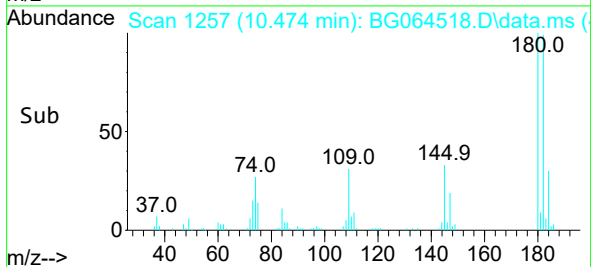
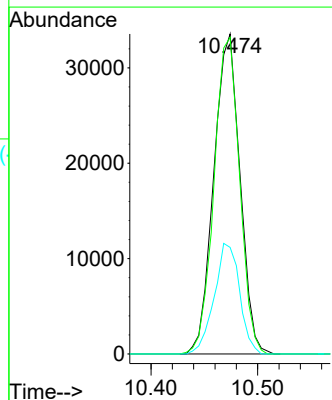
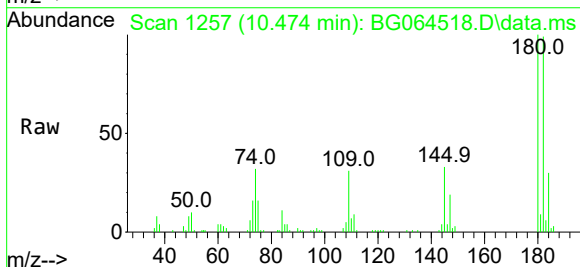
Tgt Ion:180 Resp: 57255

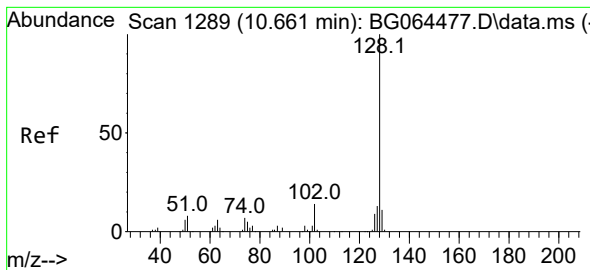
Ion Ratio Lower Upper

180 100

182 99.0 75.4 113.2

145 33.3 23.2 34.8

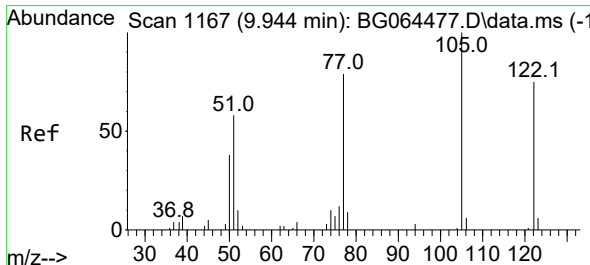
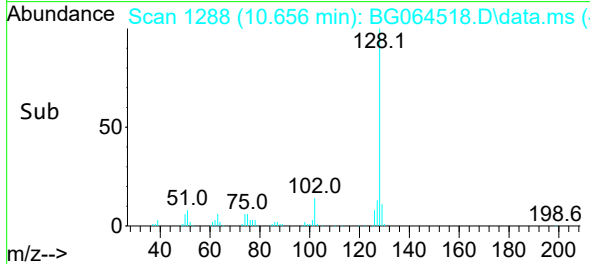
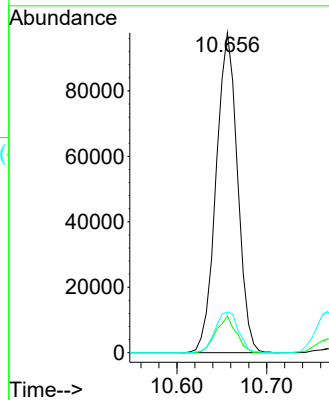
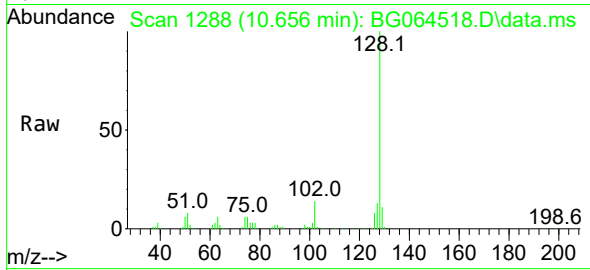




#31
Naphthalene
Concen: 47.36 ng
RT: 10.656 min Scan# 1170
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

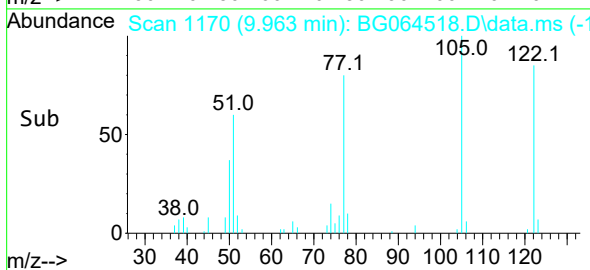
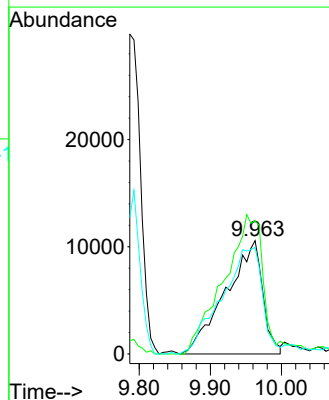
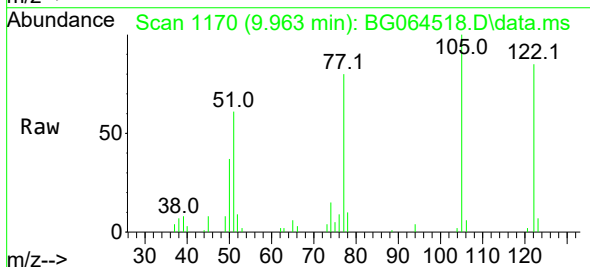
Instrument :
BNA_G
ClientSampleId :
PB170133BS

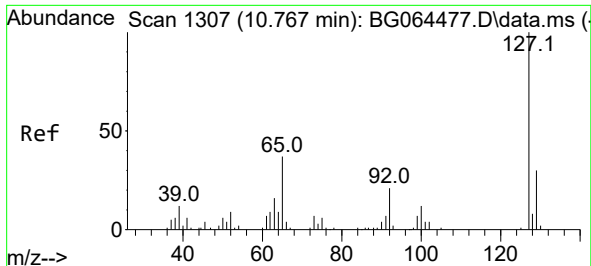
Tgt Ion:128 Resp: 161861
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 12.7 10.2 15.2



#32
Benzoic acid
Concen: 52.98 ng
RT: 9.963 min Scan# 1170
Delta R.T. 0.074 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

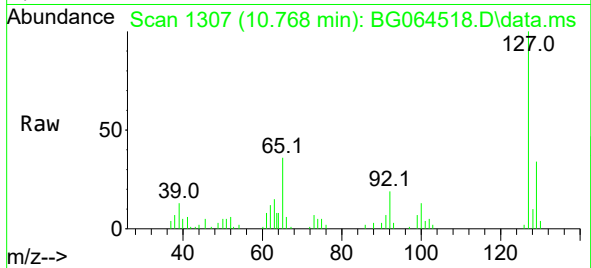
Tgt Ion:122 Resp: 38060
Ion Ratio Lower Upper
122 100
105 117.5 113.9 153.9
77 94.2 86.1 126.1



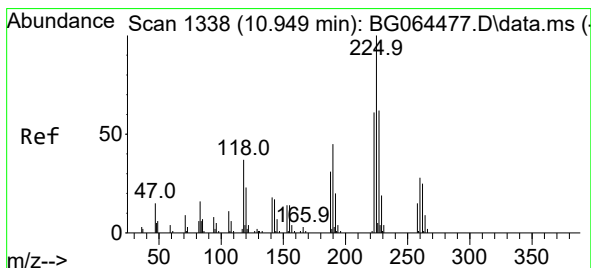
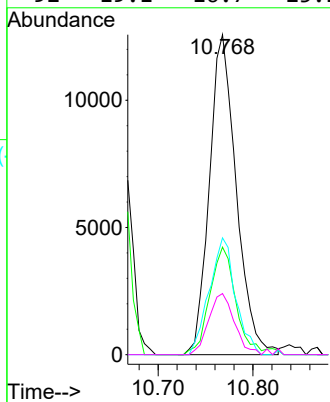
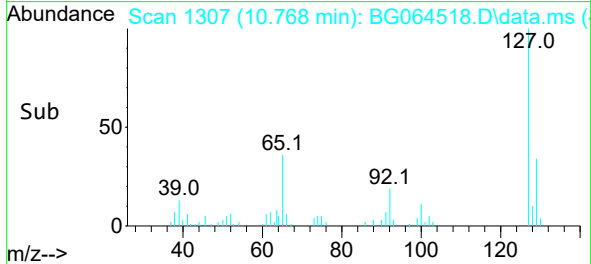


#33
4-Chloroaniline
Concen: 18.88 ng
RT: 10.768 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

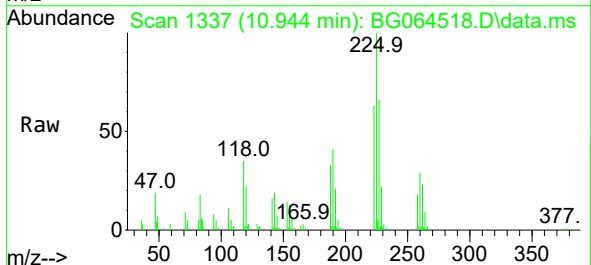
Instrument :
BNA_G
ClientSampleId :
PB170133BS



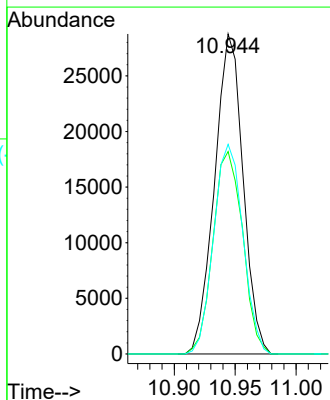
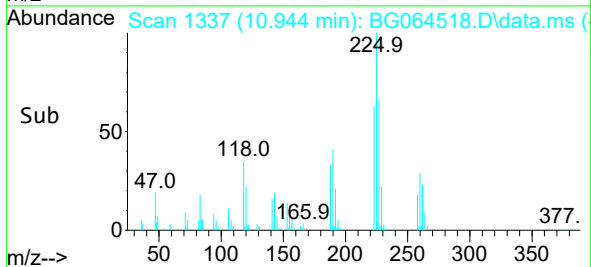
Tgt Ion:	127	Resp:	24766
Ion	Ratio	Lower	Upper
127	100		
129	33.6	24.2	36.4
65	36.5	29.6	44.4
92	19.1	16.7	25.1

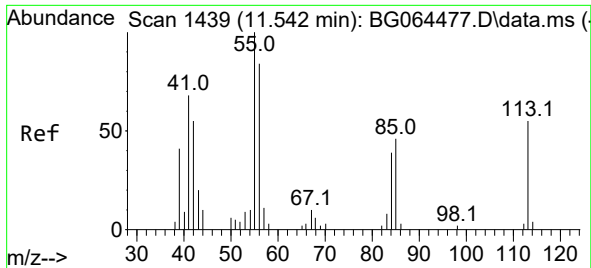


#34
Hexachlorobutadiene
Concen: 46.29 ng
RT: 10.944 min Scan# 1337
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15



Tgt Ion:	225	Resp:	46764
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.0	73.6
227	65.5	49.9	74.9

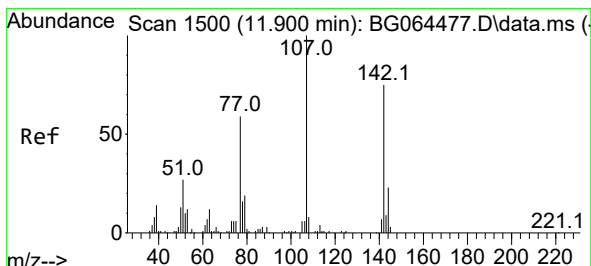
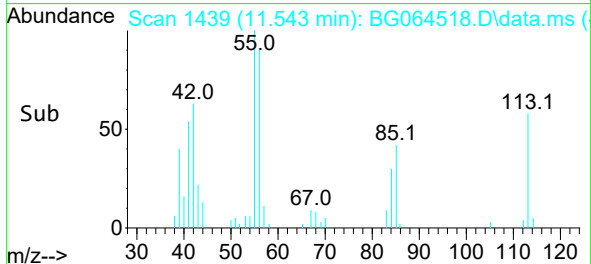
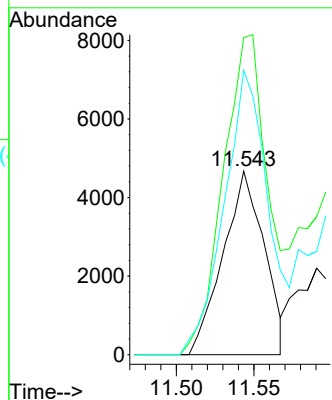
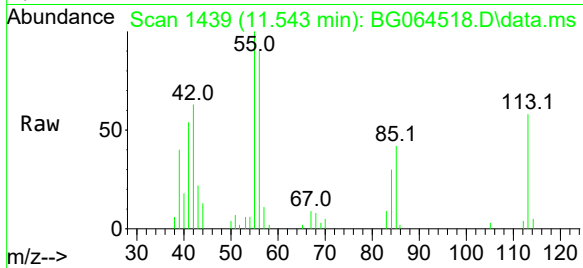




#35
 Caprolactam
 Concen: 23.27 ng
 RT: 11.543 min Scan# 1439
 Delta R.T. 0.033 min
 Lab File: BG064518.D
 Acq: 16 Oct 2025 16:15

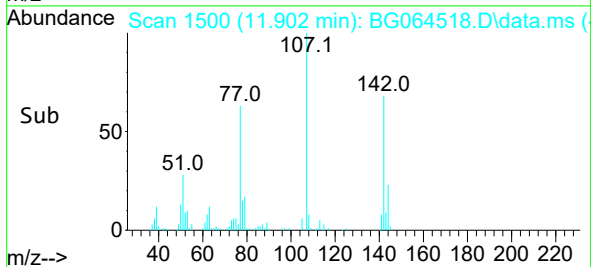
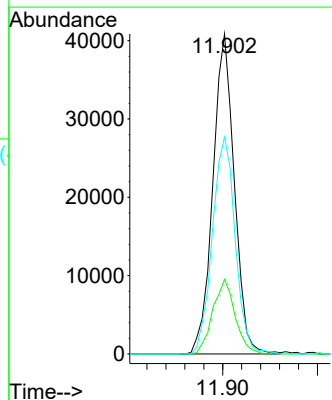
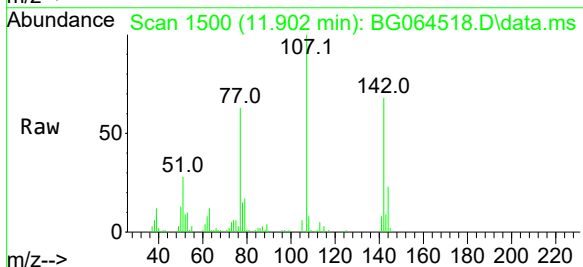
Instrument :
 BNA_G
 ClientSampleId :
 PB170133BS

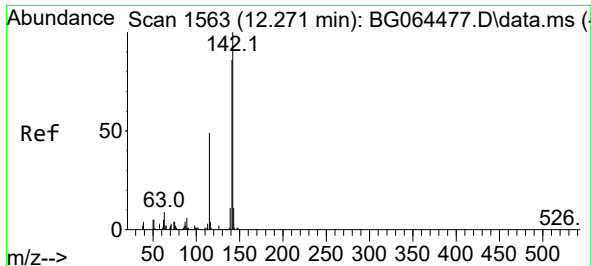
Tgt Ion:113 Resp: 8621
 Ion Ratio Lower Upper
 113 100
 55 172.8 162.0 202.0
 56 154.8 134.6 174.6



#36
 4-Chloro-3-methylphenol
 Concen: 48.74 ng
 RT: 11.902 min Scan# 1500
 Delta R.T. 0.010 min
 Lab File: BG064518.D
 Acq: 16 Oct 2025 16:15

Tgt Ion:107 Resp: 64132
 Ion Ratio Lower Upper
 107 100
 144 23.3 18.7 28.1
 142 67.7 60.2 90.2





#37

2-Methylnaphthalene

Concen: 42.85 ng

RT: 12.266 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

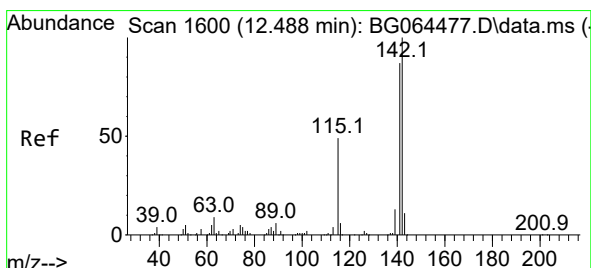
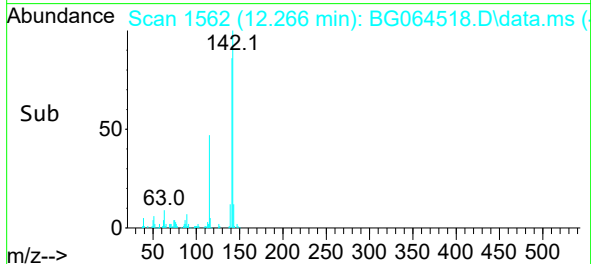
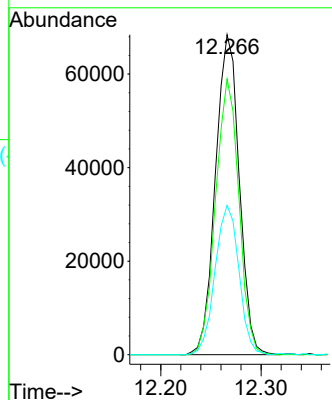
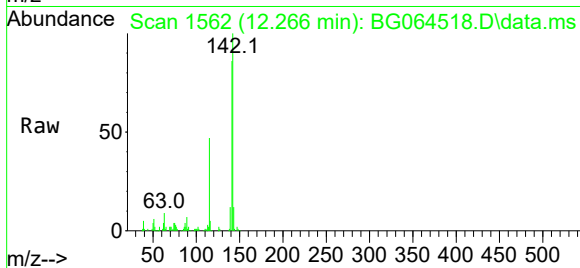
Tgt Ion:142 Resp: 112406

Ion Ratio Lower Upper

142 100

141 86.1 68.7 103.1

115 46.7 39.3 58.9



#38

1-Methylnaphthalene

Concen: 44.40 ng

RT: 12.483 min Scan# 1599

Delta R.T. -0.002 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

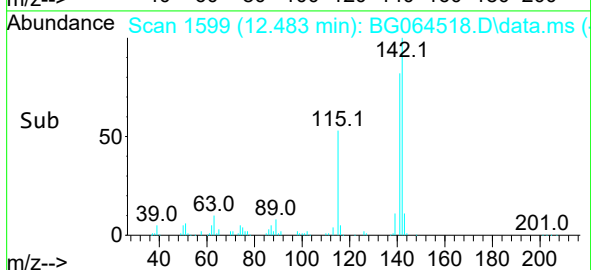
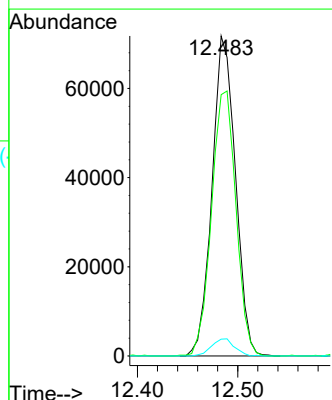
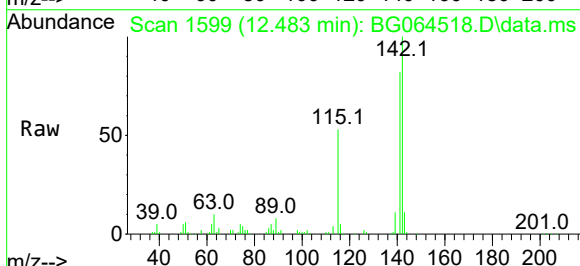
Tgt Ion:142 Resp: 116154

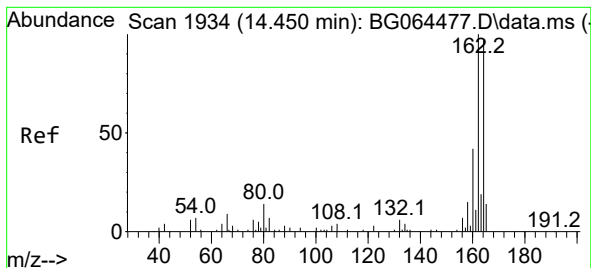
Ion Ratio Lower Upper

142 100

141 81.6 69.8 104.8

116 5.3 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: BG064518.D

Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

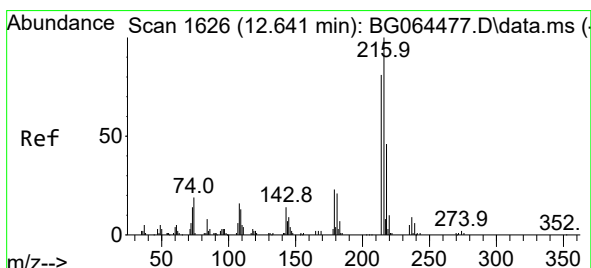
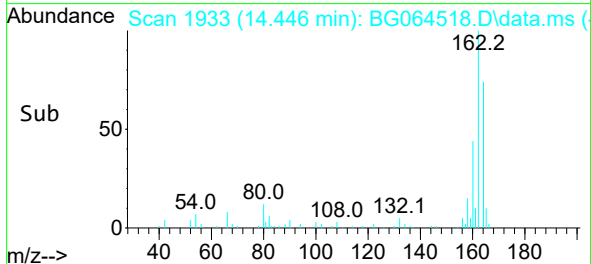
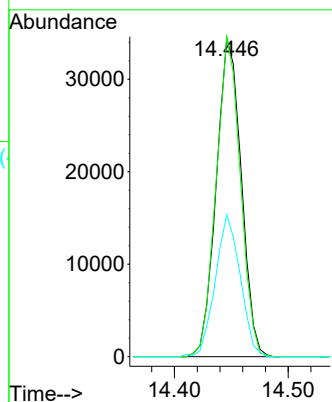
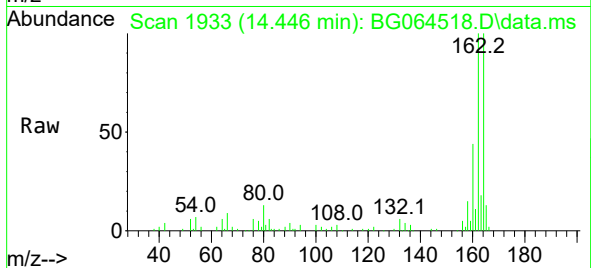
Tgt Ion:164 Resp: 52536

Ion Ratio Lower Upper

164 100

162 100.4 82.2 123.2

160 44.5 34.3 51.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.62 ng

RT: 12.636 min Scan# 1625

Delta R.T. -0.002 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Tgt Ion:216 Resp: 87558

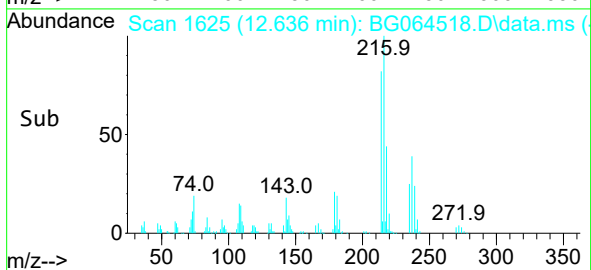
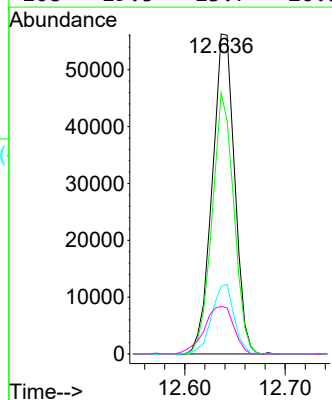
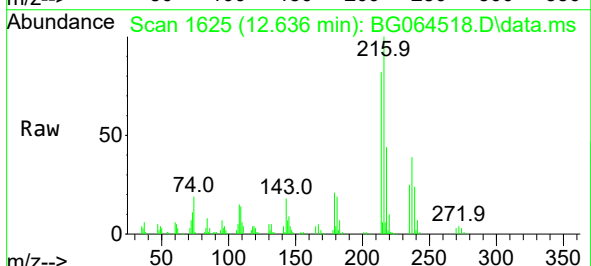
Ion Ratio Lower Upper

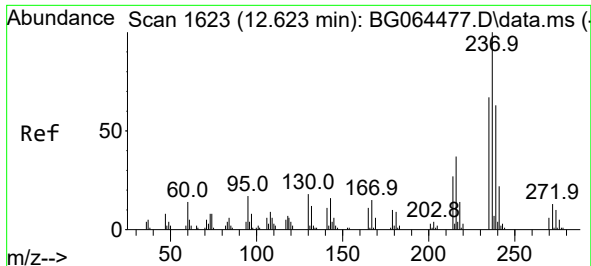
216 100

214 78.9 62.5 93.7

179 21.7 17.0 25.6

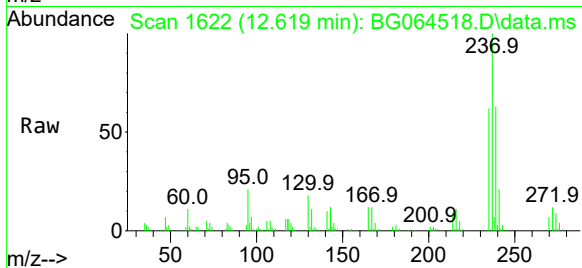
108 19.5 13.7 20.5



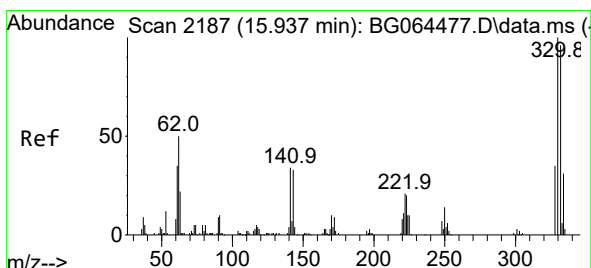
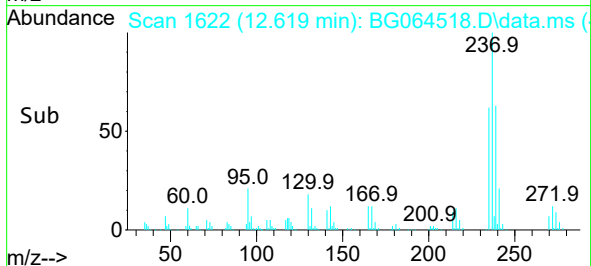
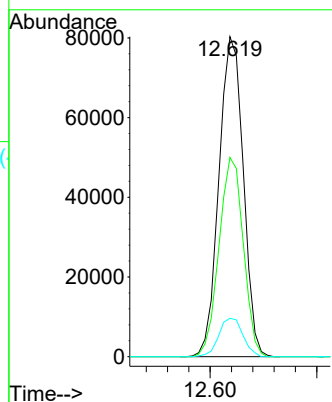


#41
Hexachlorocyclopentadiene
Concen: 143.14 ng
RT: 12.619 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :
BNA_G
ClientSampleId :
PB170133BS

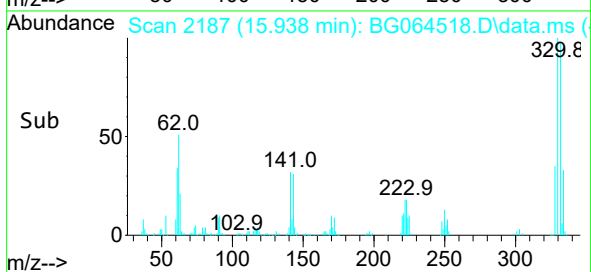
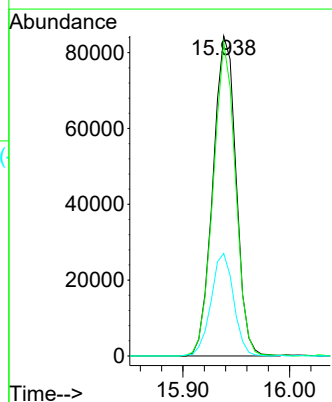
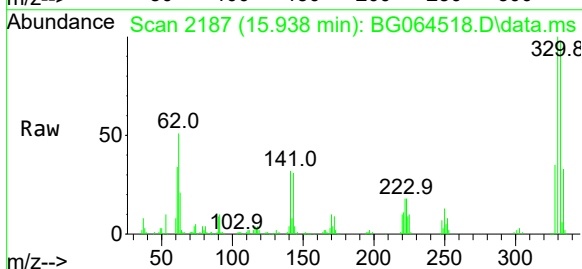


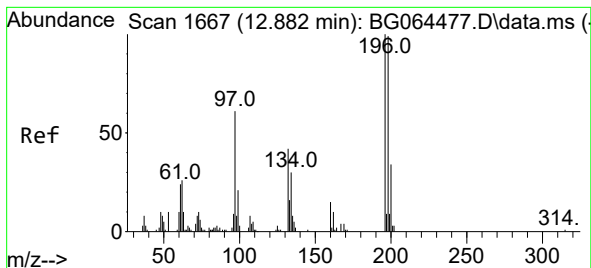
Tgt Ion:237 Resp: 127008
Ion Ratio Lower Upper
237 100
235 62.2 46.9 86.9
272 12.0 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 133.20 ng
RT: 15.938 min Scan# 2187
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:330 Resp: 126843
Ion Ratio Lower Upper
330 100
332 94.7 77.4 116.0
141 31.4 25.8 38.6

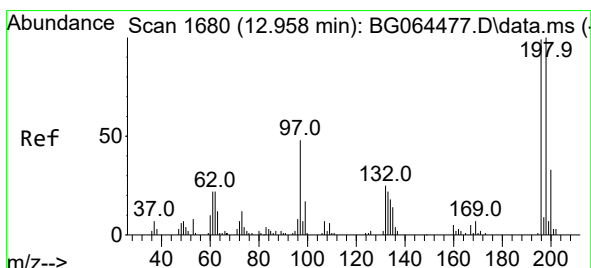
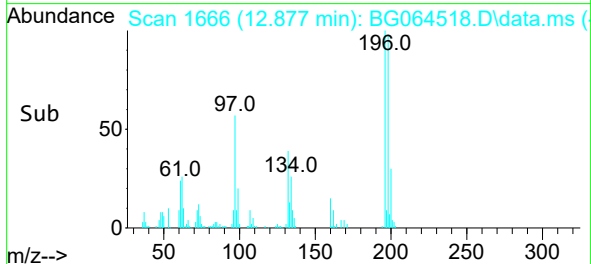
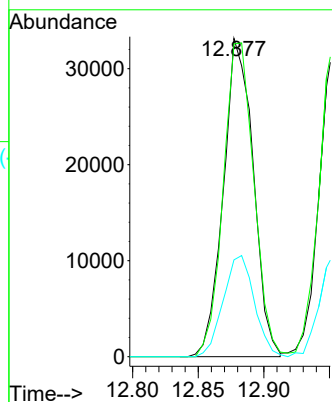
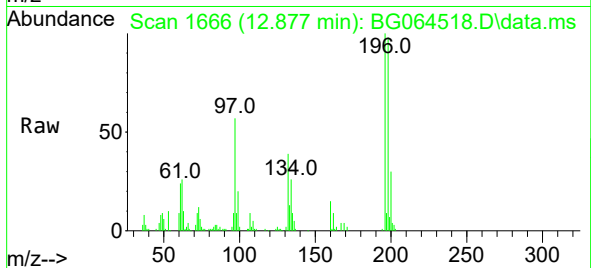




#43
2,4,6-Trichlorophenol
Concen: 48.33 ng
RT: 12.877 min Scan# 1666
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

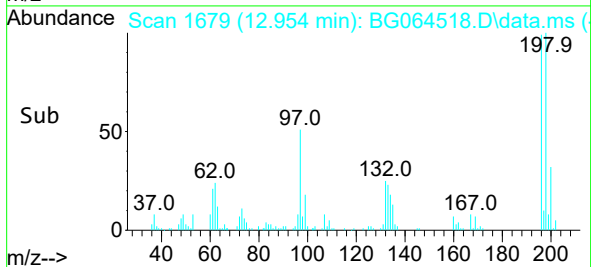
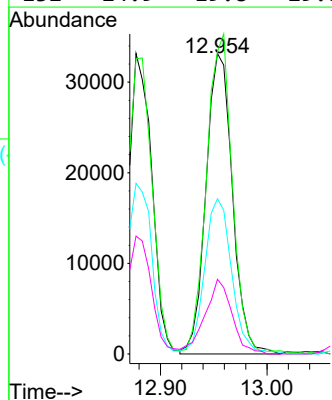
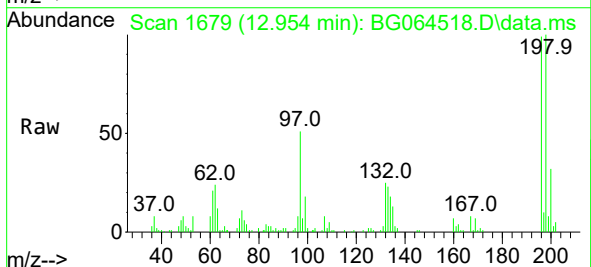
Instrument :
BNA_G
ClientSampleId :
PB170133BS

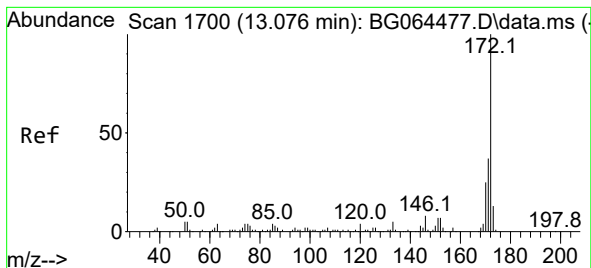
Tgt Ion:196 Resp: 52409
Ion Ratio Lower Upper
196 100
198 98.3 79.3 118.9
200 30.4 27.4 41.2



#44
2,4,5-Trichlorophenol
Concen: 47.28 ng
RT: 12.954 min Scan# 1679
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:196 Resp: 57242
Ion Ratio Lower Upper
196 100
198 100.5 80.3 120.5
97 51.6 39.4 59.0
132 24.9 19.8 29.8

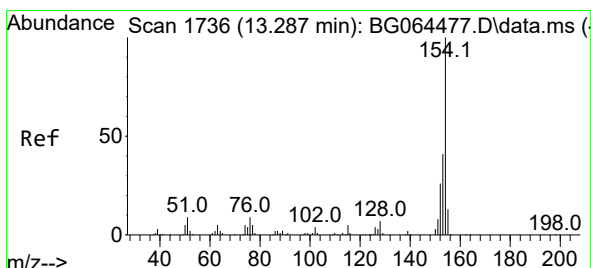
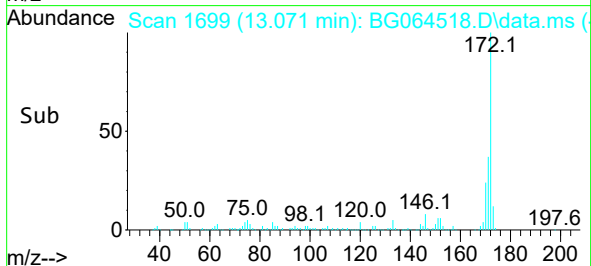
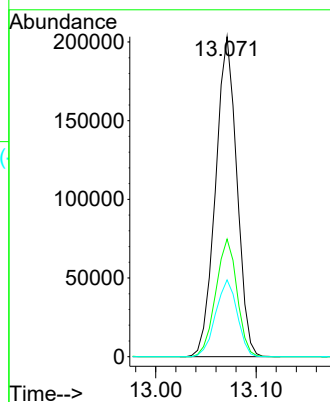
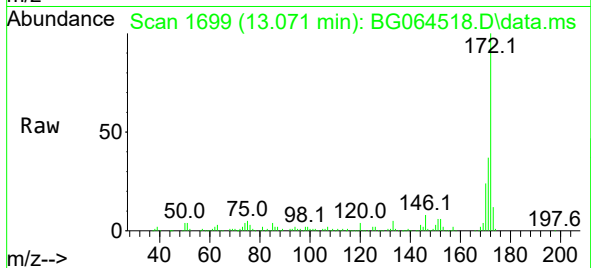




#45
2-Fluorobiphenyl
Concen: 84.04 ng
RT: 13.071 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

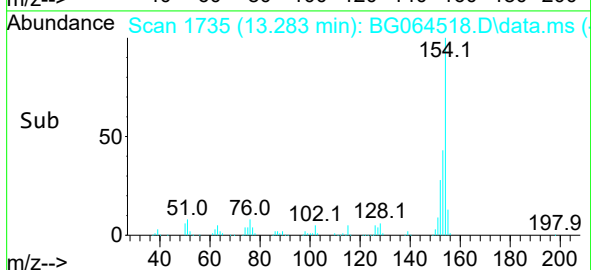
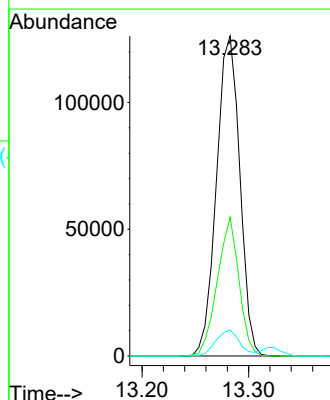
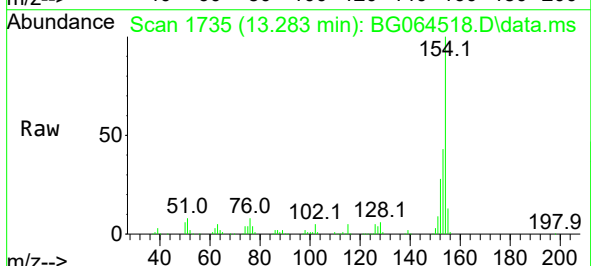
Instrument :
BNA_G
ClientSampleId :
PB170133BS

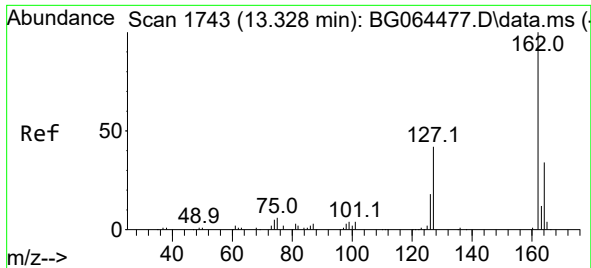
Tgt Ion:172 Resp: 299540
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.0 20.2 30.2



#46
1,1'-Biphenyl
Concen: 50.71 ng
RT: 13.283 min Scan# 1735
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:154 Resp: 191610
Ion Ratio Lower Upper
154 100
153 43.4 20.7 60.7
76 8.1 0.0 29.3

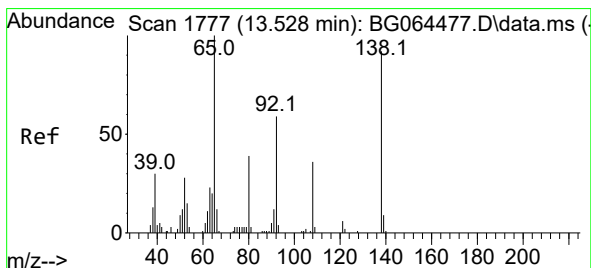
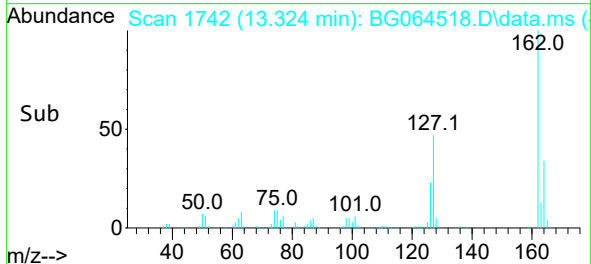
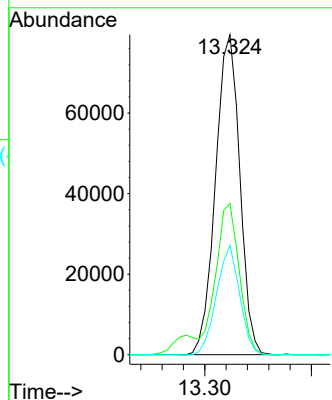
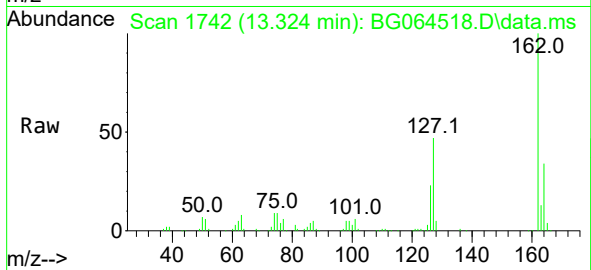




#47
2-Chloronaphthalene
Concen: 44.51 ng
RT: 13.324 min Scan# 1742
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

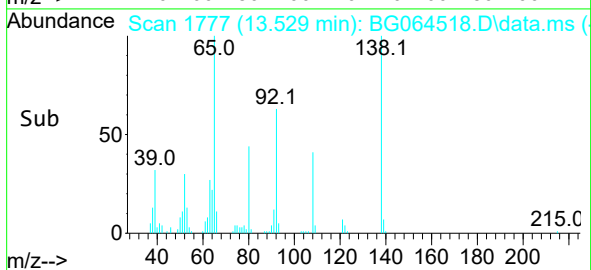
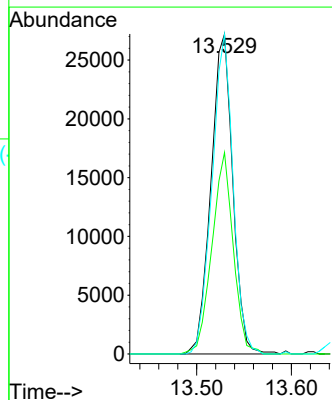
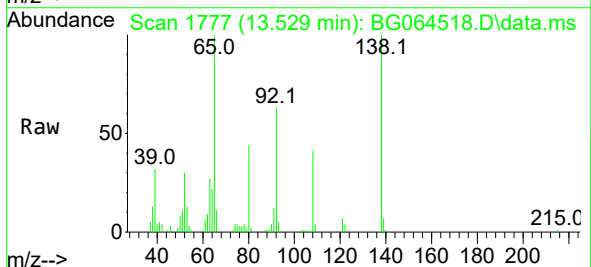
Instrument :
BNA_G
ClientSampleId :
PB170133BS

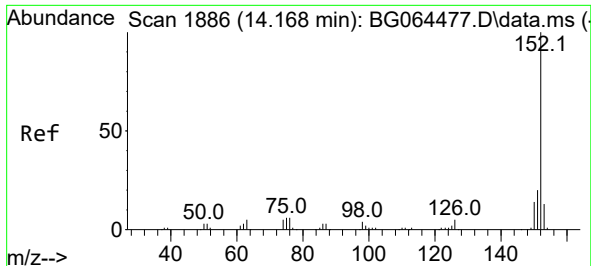
Tgt Ion:162 Resp: 125557
Ion Ratio Lower Upper
162 100
127 47.2 35.8 53.8
164 34.2 27.2 40.8



#48
2-Nitroaniline
Concen: 45.19 ng
RT: 13.529 min Scan# 1777
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

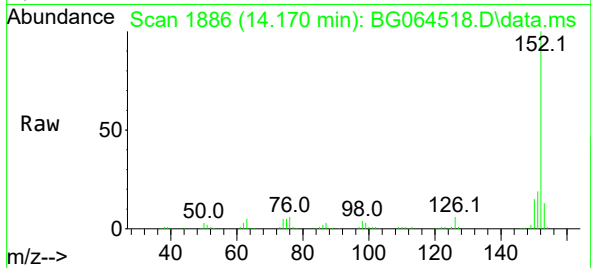
Tgt Ion: 65 Resp: 43507
Ion Ratio Lower Upper
65 100
92 62.9 47.0 70.6
138 99.9 73.5 110.3



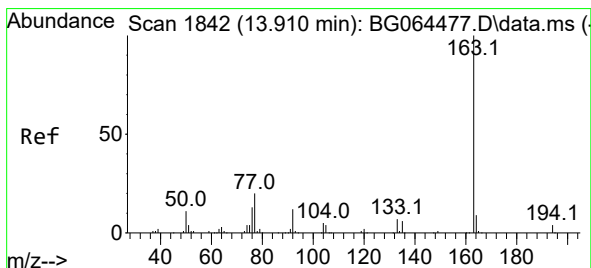
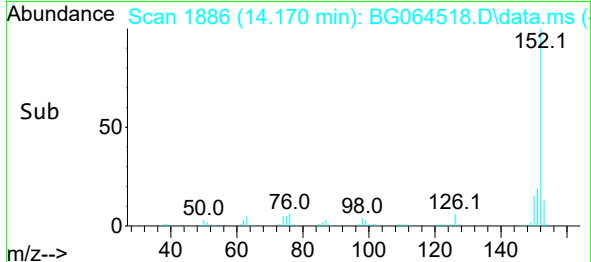
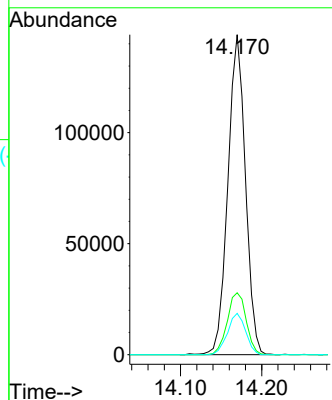


#49
Acenaphthylene
Concen: 51.62 ng
RT: 14.170 min Scan# 1886
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :
BNA_G
ClientSampleId :
PB170133BS

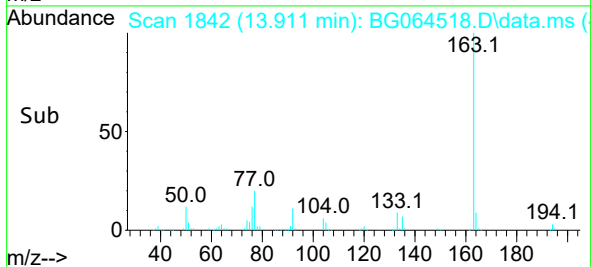
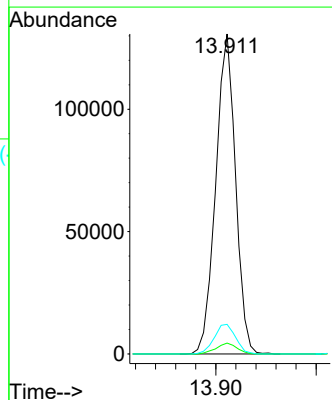
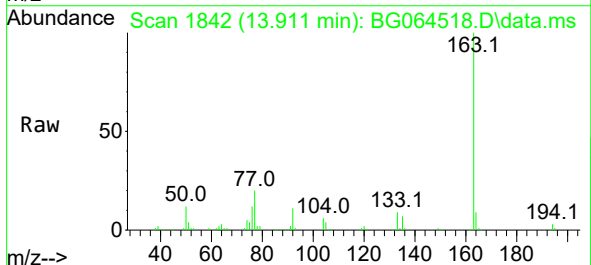


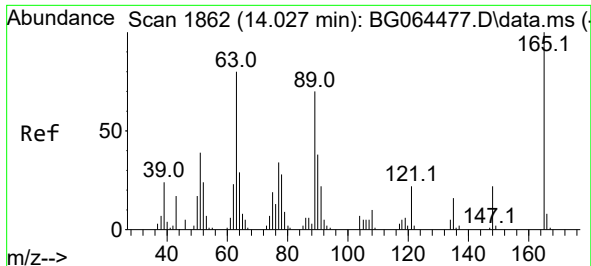
Tgt Ion:152 Resp: 216199
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.6
153 12.9 10.6 15.8



#50
Dimethylphthalate
Concen: 43.45 ng
RT: 13.911 min Scan# 1842
Delta R.T. 0.010 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:163 Resp: 178769
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 9.3 7.4 11.0

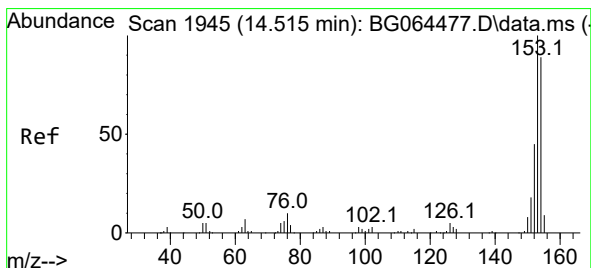
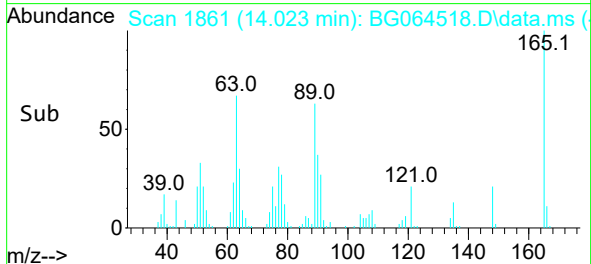
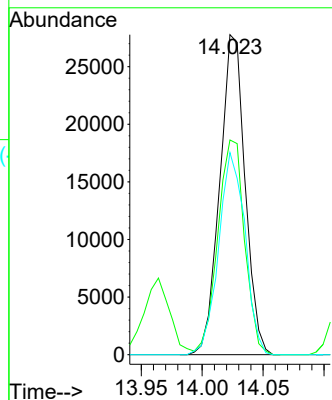
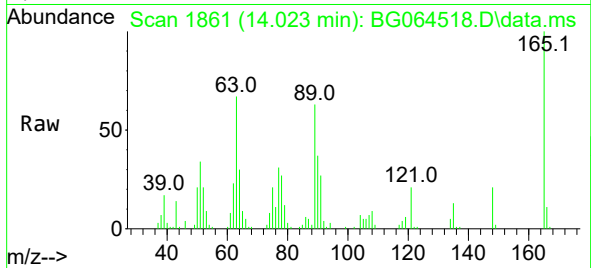




#51
2,6-Dinitrotoluene
Concen: 46.78 ng
RT: 14.023 min Scan# 1861
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

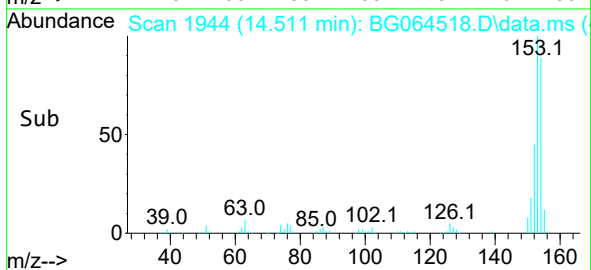
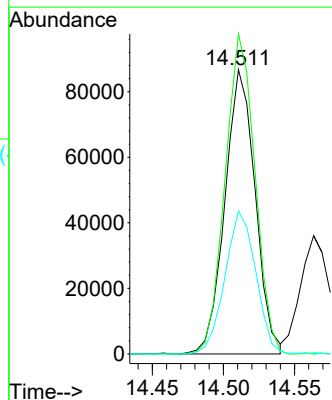
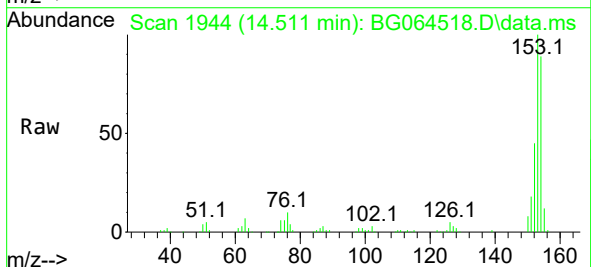
Instrument :
BNA_G
ClientSampleId :
PB170133BS

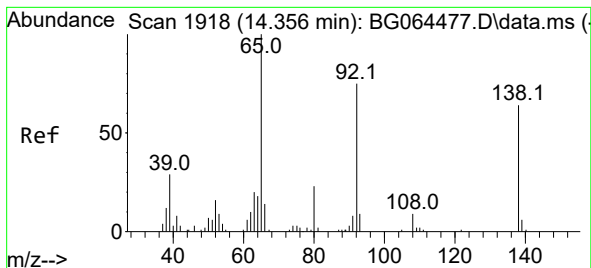
Tgt Ion:165 Resp: 40100
Ion Ratio Lower Upper
165 100
63 67.1 63.9 95.9
89 63.1 56.1 84.1



#52
Acenaphthene
Concen: 44.26 ng
RT: 14.511 min Scan# 1944
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:154 Resp: 128773
Ion Ratio Lower Upper
154 100
153 112.6 90.2 135.4
152 50.2 40.2 60.4

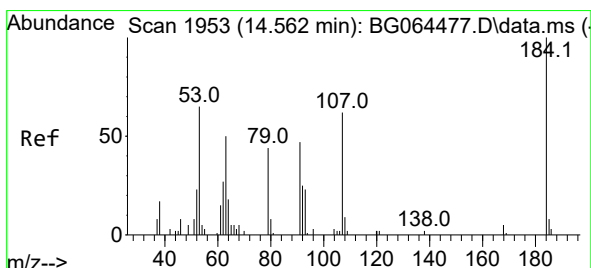
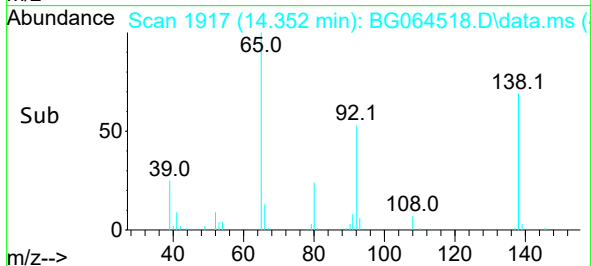
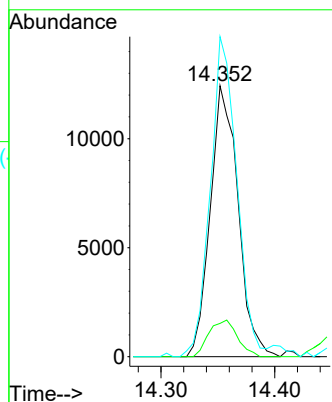
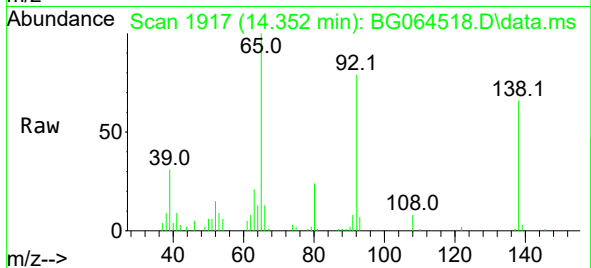




#53
3-Nitroaniline
Concen: 26.67 ng
RT: 14.352 min Scan# 1918
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

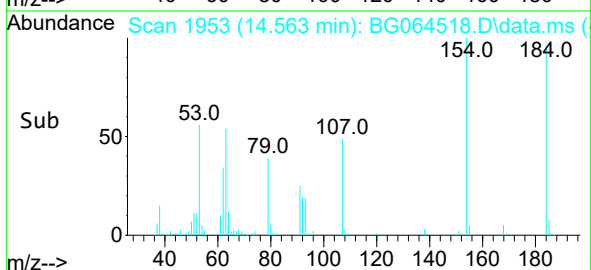
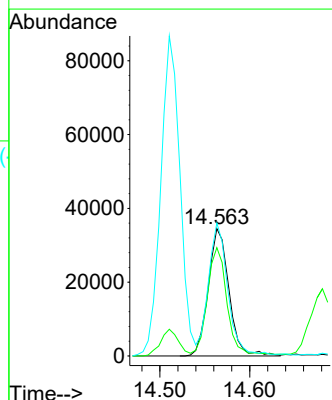
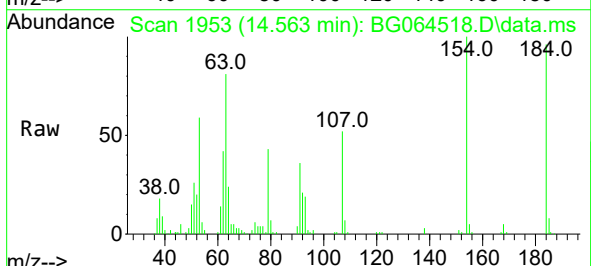
Instrument :
BNA_G
ClientSampleId :
PB170133BS

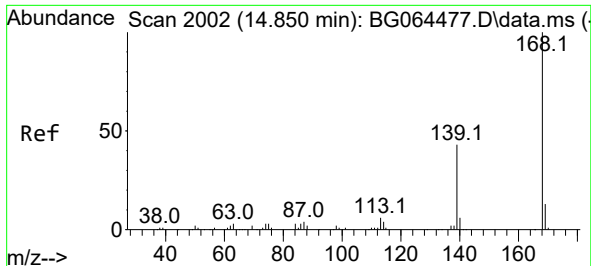
Tgt Ion:138 Resp: 21086
Ion Ratio Lower Upper
138 100
108 12.3 10.6 15.8
92 118.2 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 88.90 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:184 Resp: 55255
Ion Ratio Lower Upper
184 100
63 85.0 69.0 103.4
154 104.4 95.6 143.4

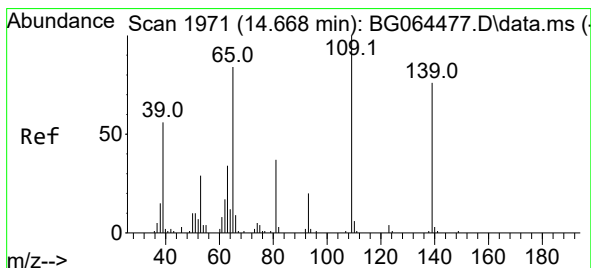
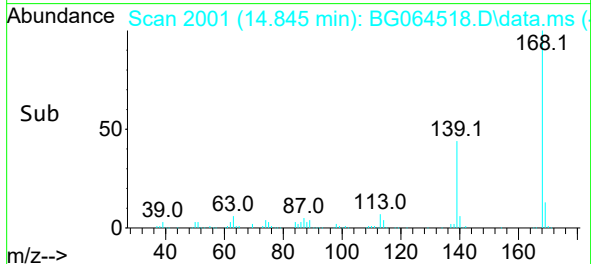
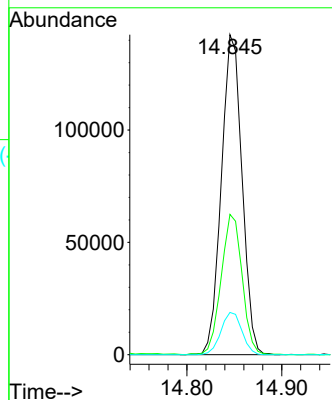
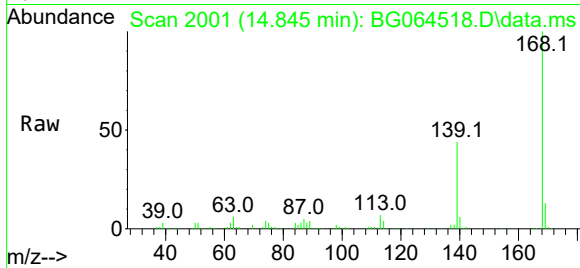




#55
Dibenzofuran
Concen: 44.94 ng
RT: 14.845 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

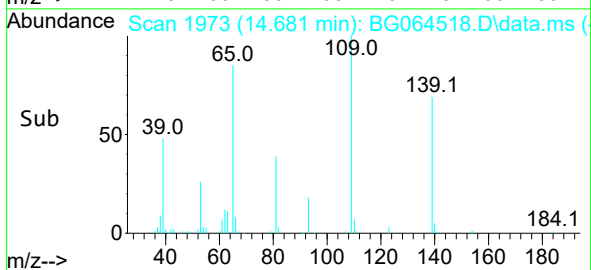
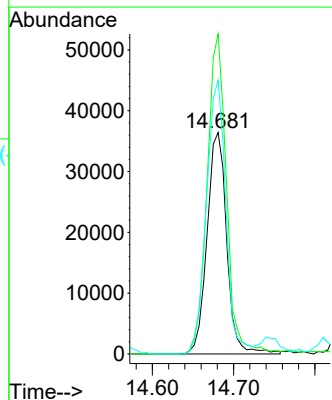
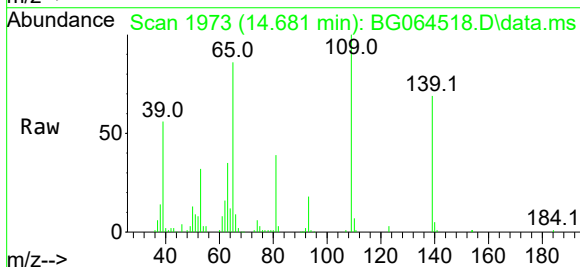
Instrument :
BNA_G
ClientSampleId :
PB170133BS

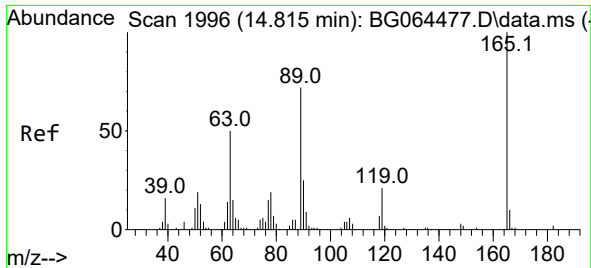
Tgt Ion:168 Resp: 215899
Ion Ratio Lower Upper
168 100
139 43.8 34.0 51.0
169 13.2 10.2 15.2



#56
4-Nitrophenol
Concen: 98.15 ng
RT: 14.681 min Scan# 1973
Delta R.T. 0.016 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:139 Resp: 61087
Ion Ratio Lower Upper
139 100
109 144.5 111.8 151.8
65 123.6 91.1 131.1

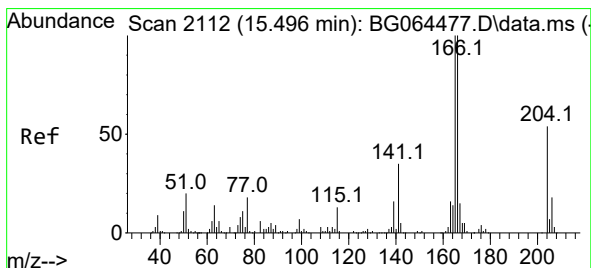
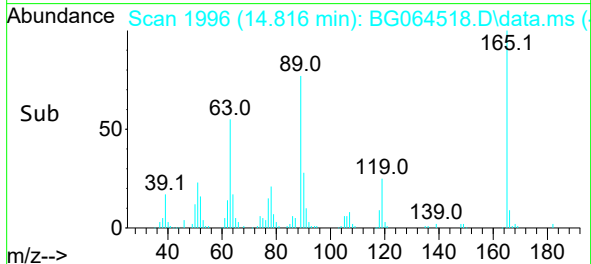
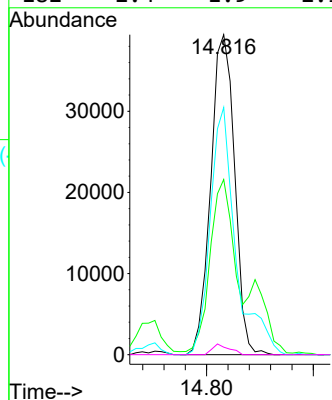
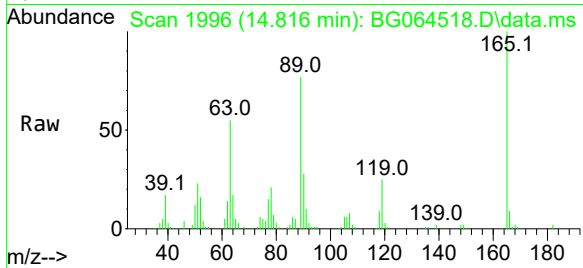




#57
2,4-Dinitrotoluene
Concen: 46.73 ng
RT: 14.816 min Scan# 1996
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

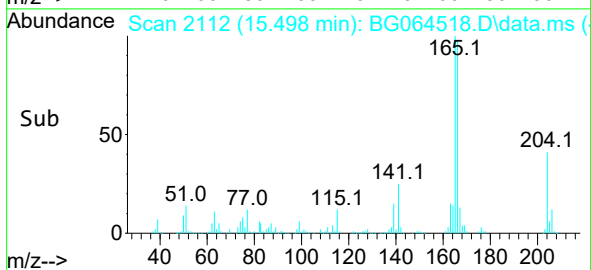
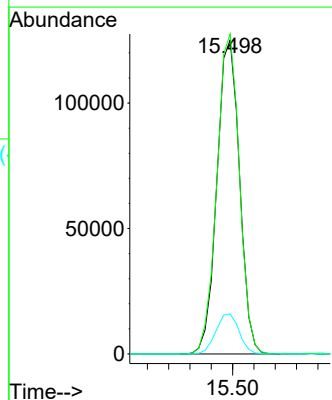
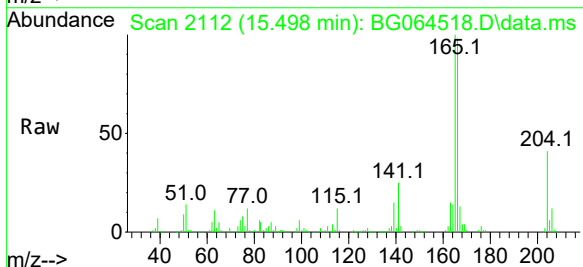
Instrument :
BNA_G
ClientSampleId :
PB170133BS

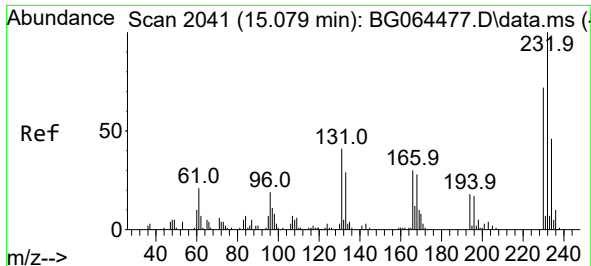
Tgt Ion:165 Resp: 61230
Ion Ratio Lower Upper
165 100
63 54.8 40.4 60.6
89 77.2 57.3 85.9
182 2.4 1.9 2.9



#58
Fluorene
Concen: 46.05 ng
RT: 15.498 min Scan# 2112
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:166 Resp: 183903
Ion Ratio Lower Upper
166 100
165 101.9 79.8 119.6
167 12.8 11.7 17.5

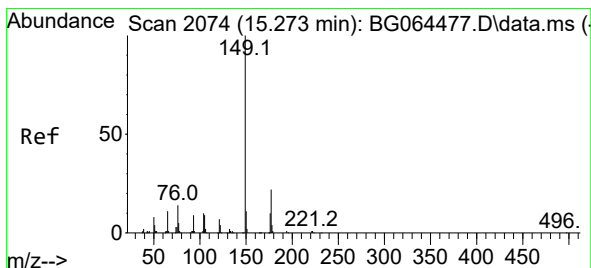
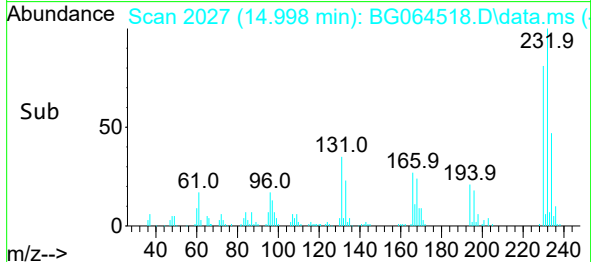
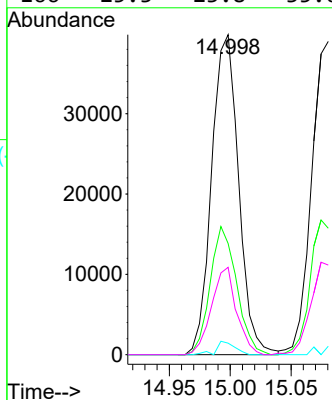
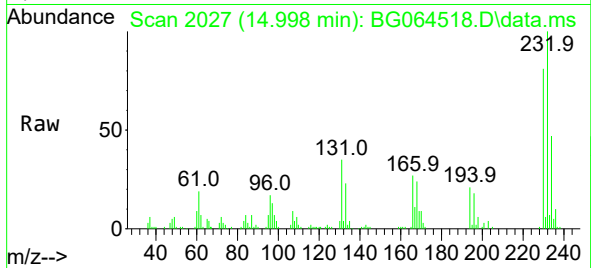




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.70 ng
RT: 14.998 min Scan# 2041
Delta R.T. -0.073 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

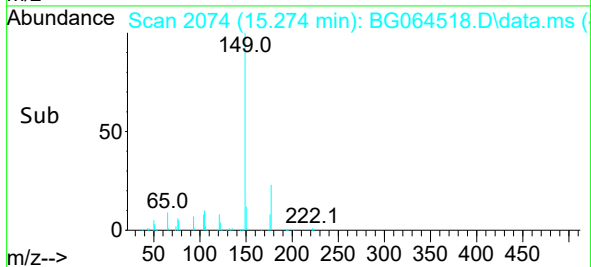
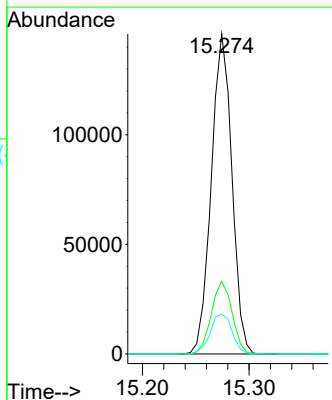
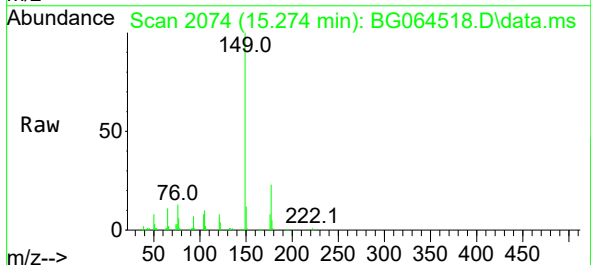
Instrument :
BNA_G
ClientSampleId :
PB170133BS

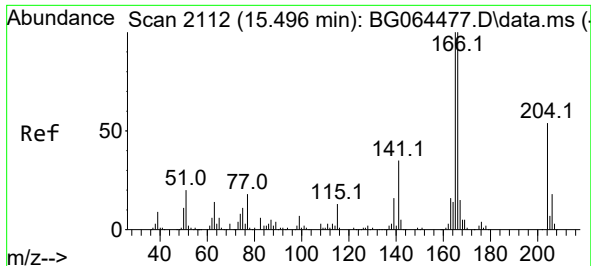
Tgt Ion:232 Resp: 61407
Ion Ratio Lower Upper
232 100
131 39.2 35.0 52.4
130 2.8 2.0 3.0
166 25.3 23.8 35.6



#60
Diethylphthalate
Concen: 44.29 ng
RT: 15.274 min Scan# 2074
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:149 Resp: 195504
Ion Ratio Lower Upper
149 100
177 22.7 17.4 26.0
150 12.4 9.1 13.7

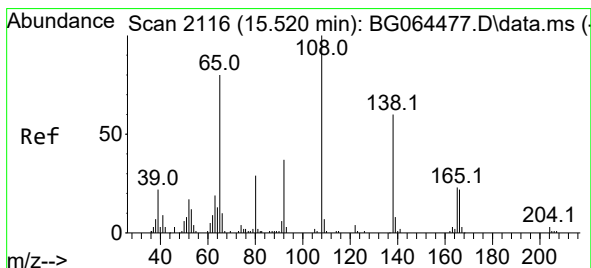
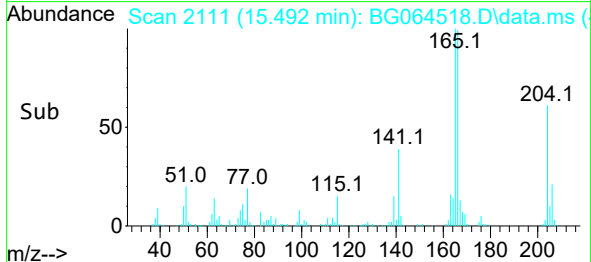
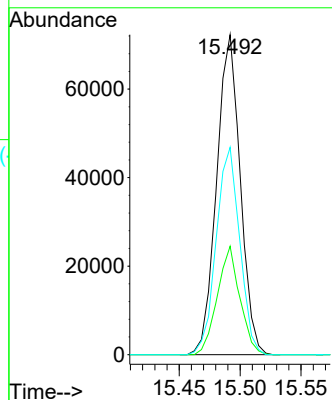
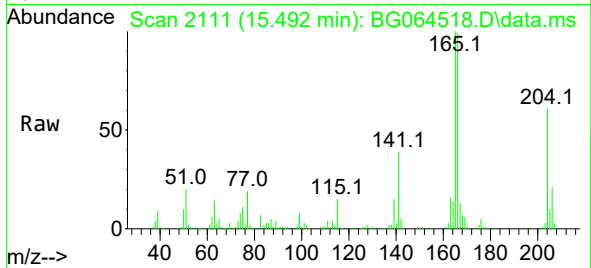




#61
4-Chlorophenyl-phenylether
Concen: 44.75 ng
RT: 15.492 min Scan# 2112
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

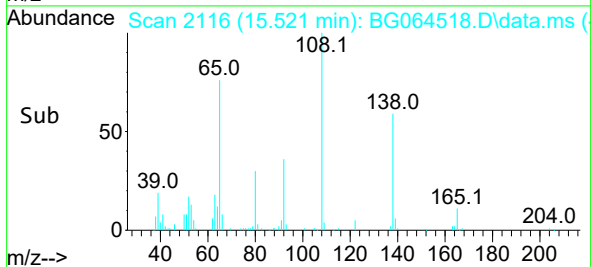
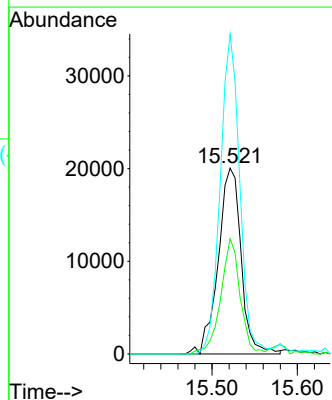
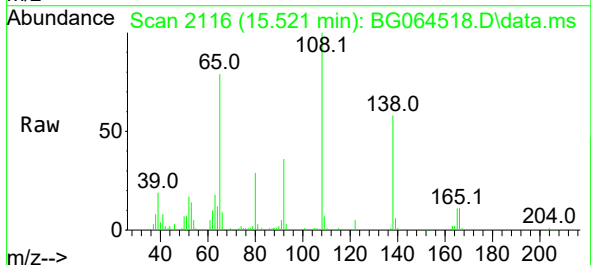
Instrument :
BNA_G
ClientSampleId :
PB170133BS

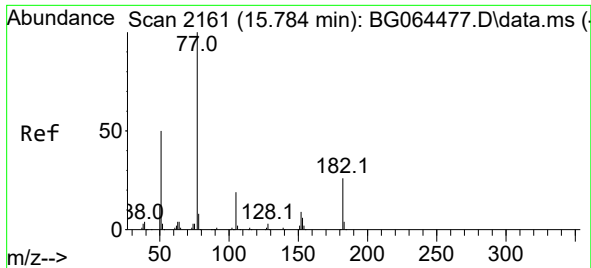
Tgt Ion:204 Resp: 97578
Ion Ratio Lower Upper
204 100
206 33.9 27.1 40.7
141 64.8 51.5 77.3



#62
4-Nitroaniline
Concen: 45.46 ng
RT: 15.521 min Scan# 2116
Delta R.T. 0.010 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:138 Resp: 37456
Ion Ratio Lower Upper
138 100
92 62.1 42.3 82.3
108 172.3 147.7 187.7

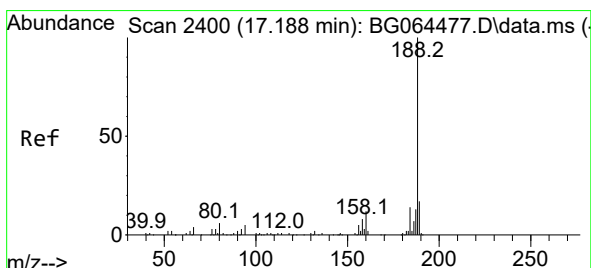
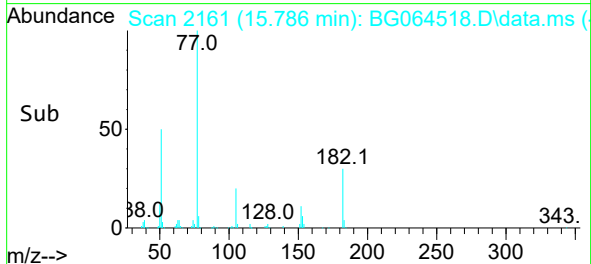
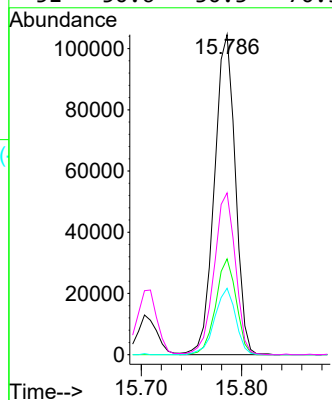
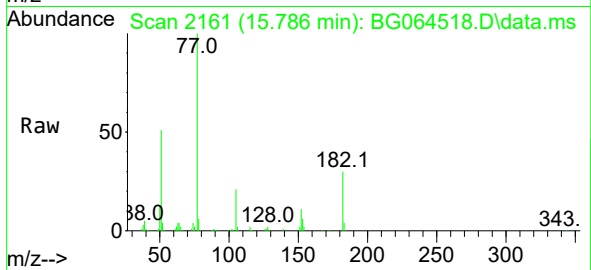




#63
 Azobenzene
 Concen: 44.15 ng
 RT: 15.786 min Scan# 2161
 Delta R.T. 0.004 min
 Lab File: BG064518.D
 Acq: 16 Oct 2025 16:15

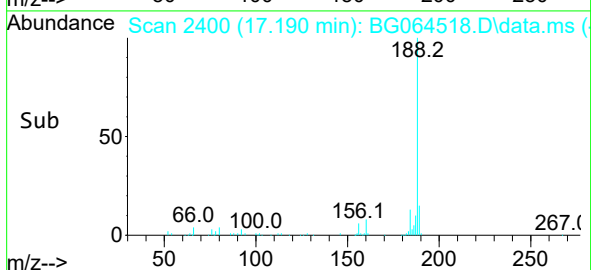
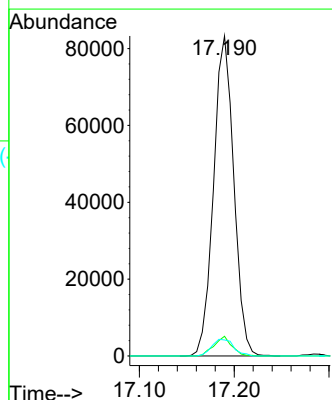
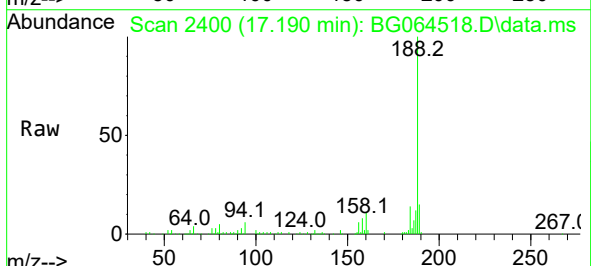
Instrument :
 BNA_G
 ClientSampleId :
 PB170133BS

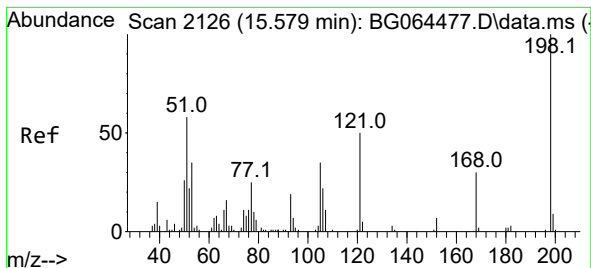
Tgt Ion: 77	Resp: 150921
Ion Ratio	Lower Upper
77 100	
182 30.0	6.3 46.3
105 20.7	0.0 38.7
51 50.6	30.3 70.3



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.190 min Scan# 2400
 Delta R.T. 0.004 min
 Lab File: BG064518.D
 Acq: 16 Oct 2025 16:15

Tgt Ion:188	Resp: 123287
Ion Ratio	Lower Upper
188 100	
94 6.1	3.7 5.5#
80 5.0	4.5 6.7

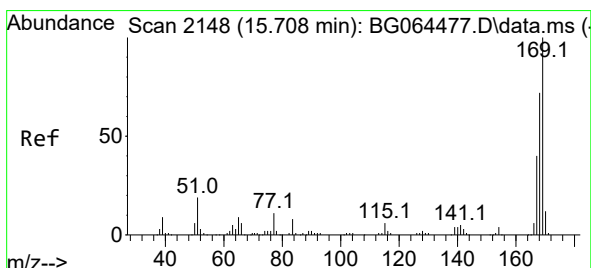
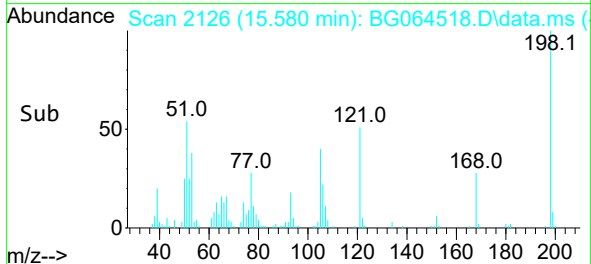
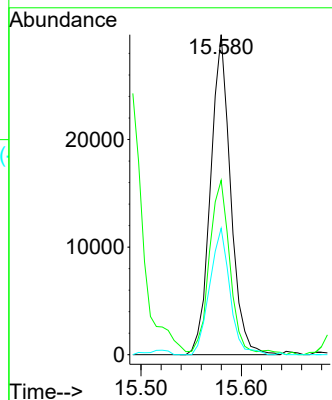
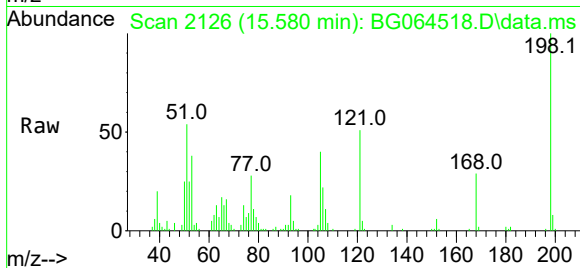




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.19 ng
 RT: 15.580 min Scan# 2126
 Delta R.T. 0.004 min
 Lab File: BG064518.D
 Acq: 16 Oct 2025 16:15

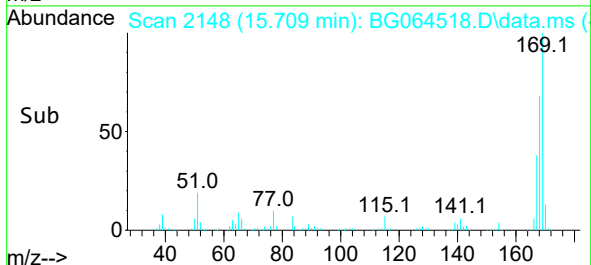
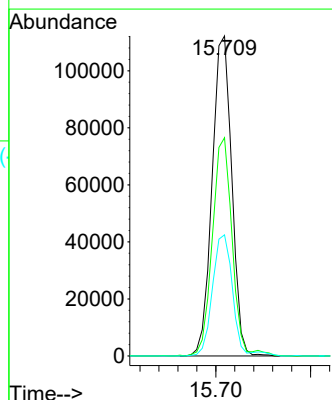
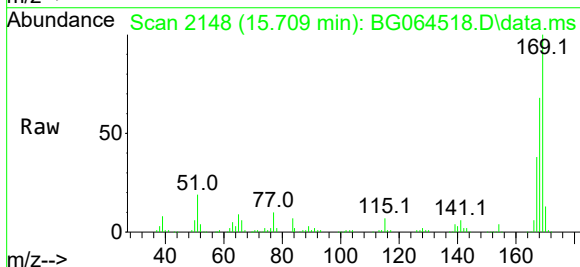
Instrument :
 BNA_G
 ClientSampleId :
 PB170133BS

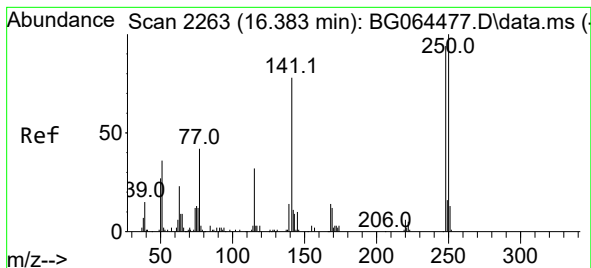
Tgt Ion:198 Resp: 41363
 Ion Ratio Lower Upper
 198 100
 51 54.5 39.0 79.0
 105 39.5 15.8 55.8



#66
 n-Nitrosodiphenylamine
 Concen: 49.08 ng
 RT: 15.709 min Scan# 2148
 Delta R.T. 0.004 min
 Lab File: BG064518.D
 Acq: 16 Oct 2025 16:15

Tgt Ion:169 Resp: 161576
 Ion Ratio Lower Upper
 169 100
 168 68.2 57.8 86.6
 167 37.9 31.7 47.5

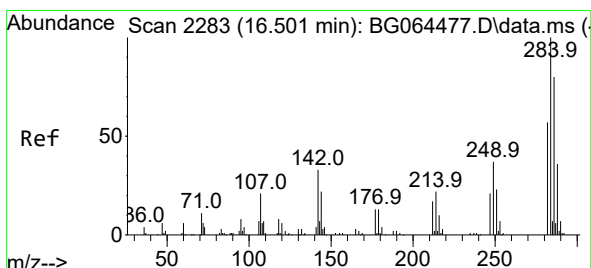
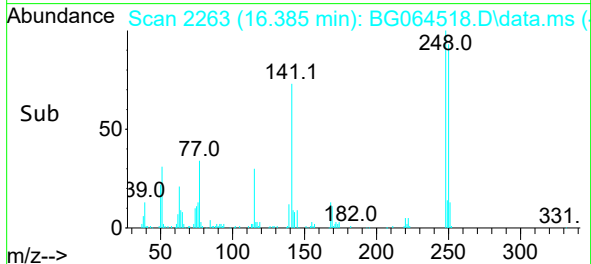
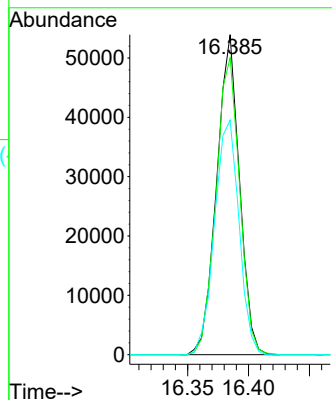
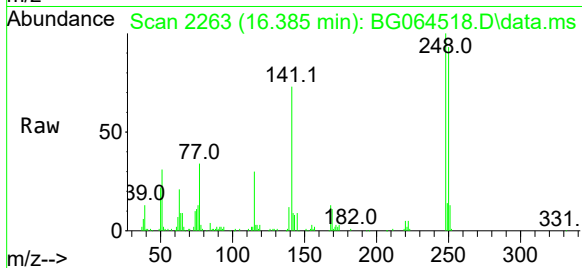




#67
4-Bromophenyl-phenylether
Concen: 48.32 ng
RT: 16.385 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

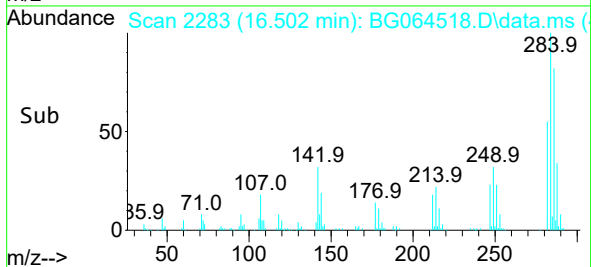
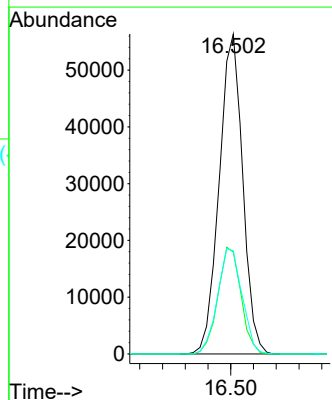
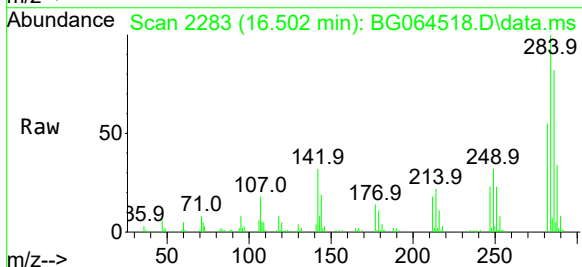
Instrument :
BNA_G
ClientSampleId :
PB170133BS

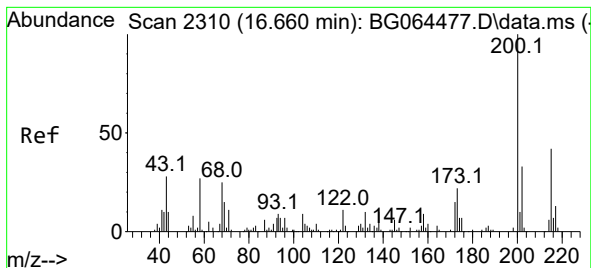
Tgt Ion:248 Resp: 70110
Ion Ratio Lower Upper
248 100
250 92.8 85.3 127.9
141 73.3 66.2 99.2



#68
Hexachlorobenzene
Concen: 48.63 ng
RT: 16.502 min Scan# 2283
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:284 Resp: 80732
Ion Ratio Lower Upper
284 100
142 31.8 26.2 39.2
249 32.3 29.4 44.0





#69

Atrazine

Concen: 50.07 ng

RT: 16.661 min Scan# 21

Delta R.T. 0.010 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

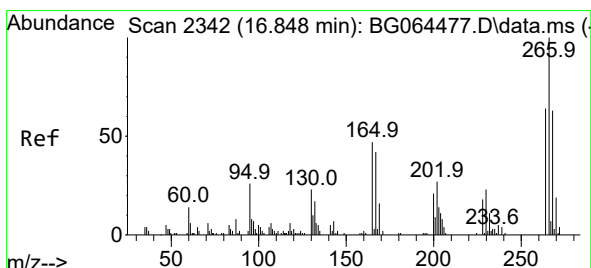
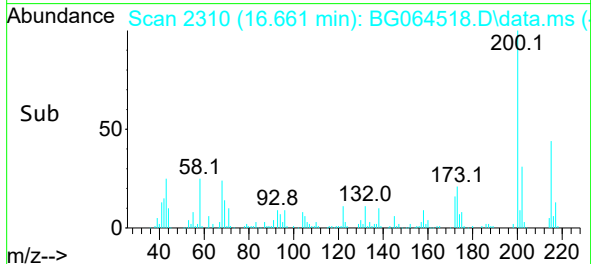
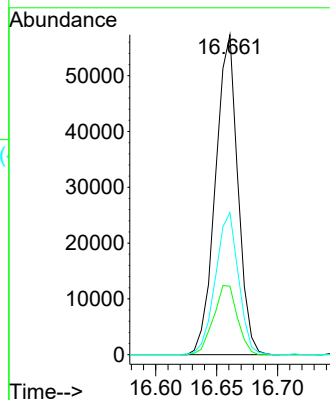
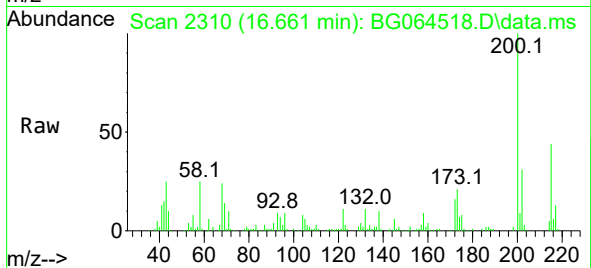
Tgt Ion:200 Resp: 73333

Ion Ratio Lower Upper

200 100

173 21.4 2.5 42.5

215 44.4 21.5 61.5



#70

Pentachlorophenol

Concen: 106.45 ng

RT: 16.843 min Scan# 2341

Delta R.T. -0.002 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

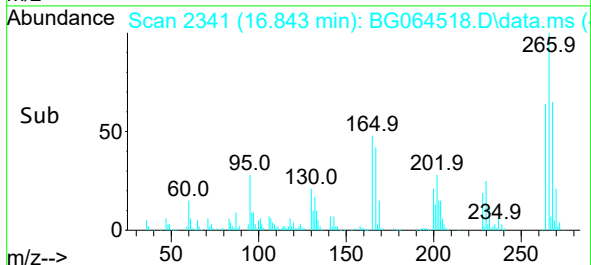
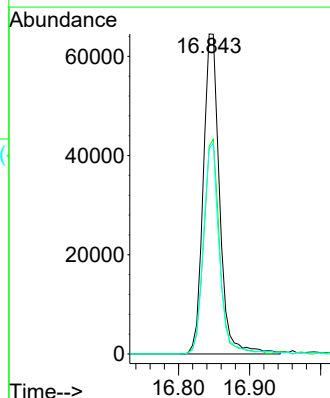
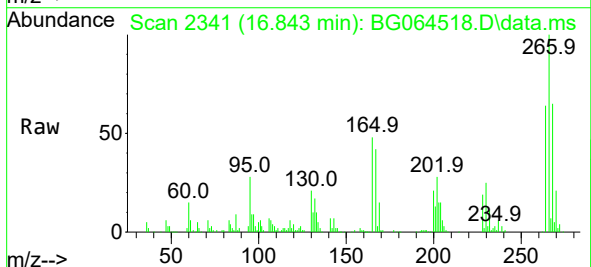
Tgt Ion:266 Resp: 103325

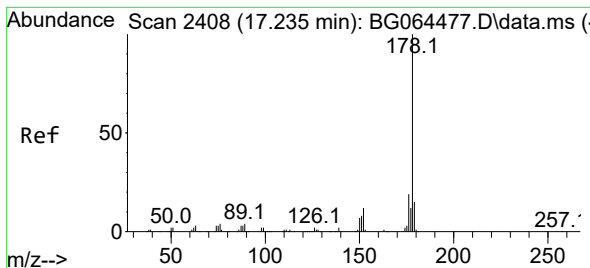
Ion Ratio Lower Upper

266 100

268 65.0 50.6 75.8

264 64.2 51.2 76.8





#71

Phenanthrene

Concen: 47.78 ng

RT: 17.231 min Scan# 2407

Delta R.T. 0.004 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

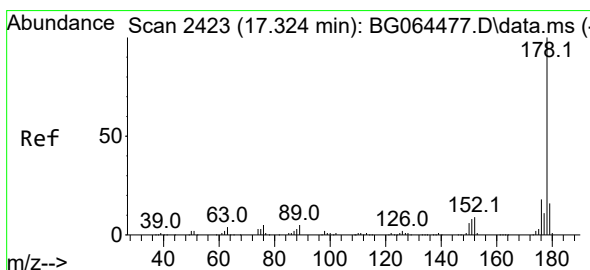
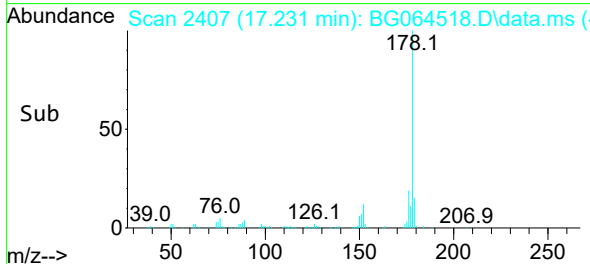
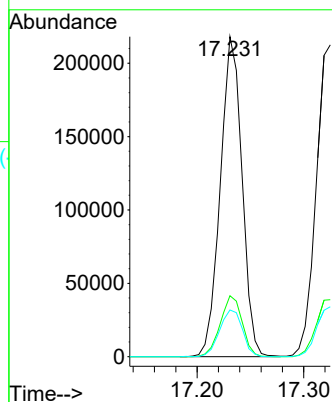
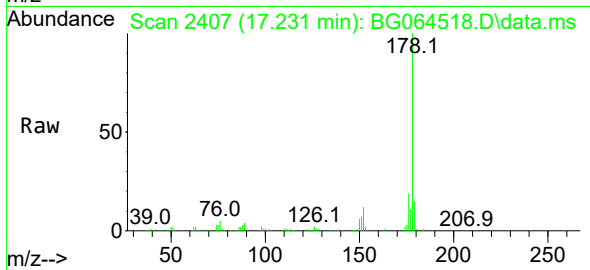
Tgt Ion:178 Resp: 308081

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 14.6 11.8 17.6



#72

Anthracene

Concen: 48.69 ng

RT: 17.325 min Scan# 2423

Delta R.T. 0.004 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

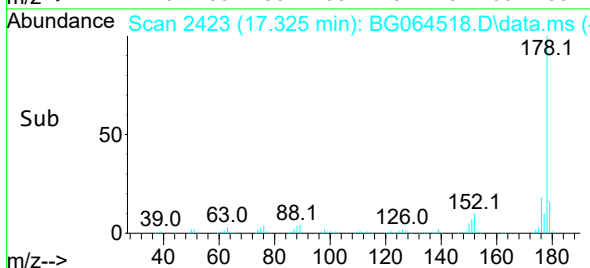
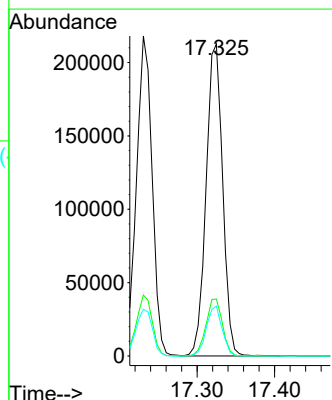
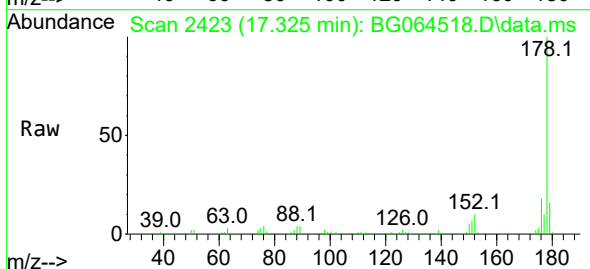
Tgt Ion:178 Resp: 314943

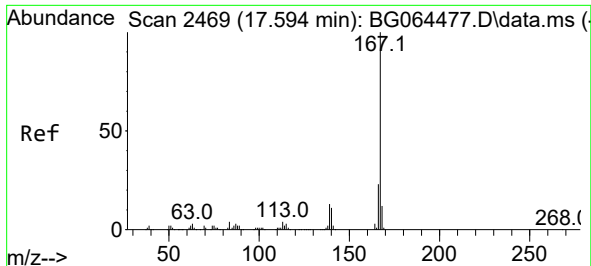
Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

179 16.0 12.5 18.7

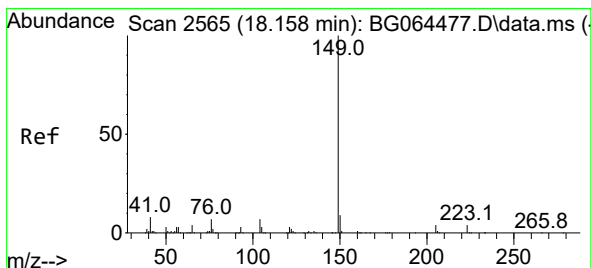
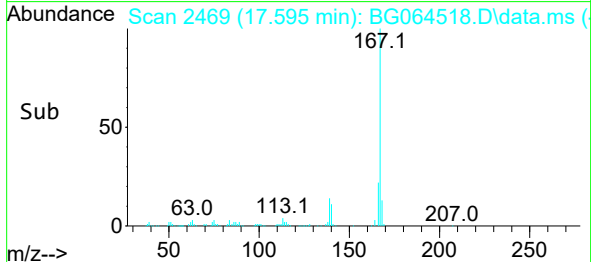
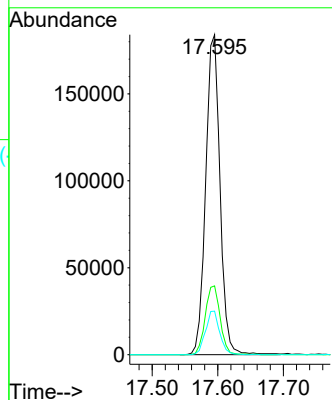
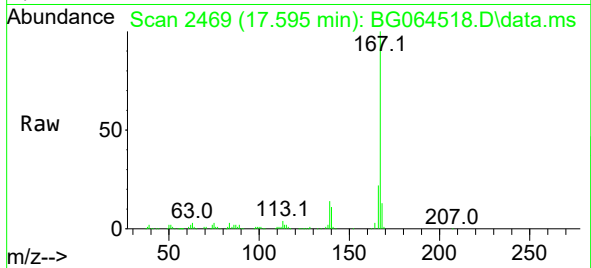




#73
 Carbazole
 Concen: 49.97 ng
 RT: 17.595 min Scan# 2469
 Delta R.T. 0.004 min
 Lab File: BG064518.D
 Acq: 16 Oct 2025 16:15

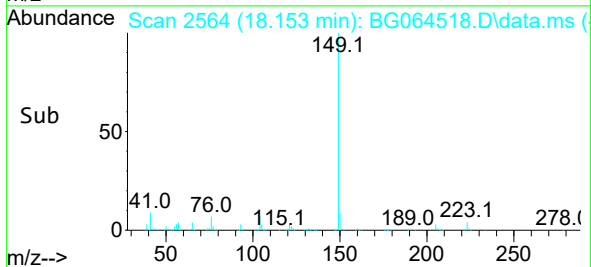
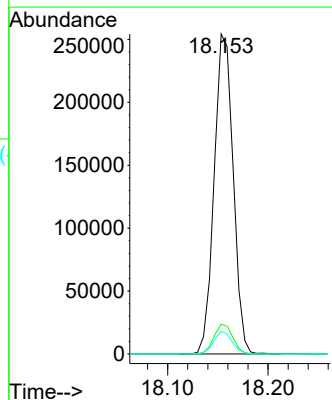
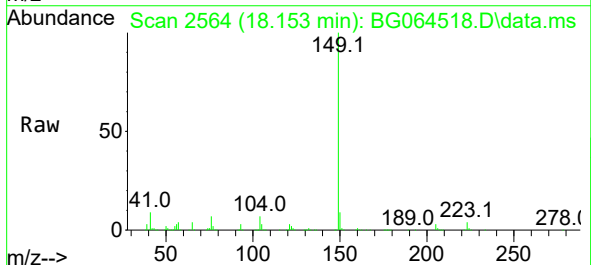
Instrument :
 BNA_G
 ClientSampleId :
 PB170133BS

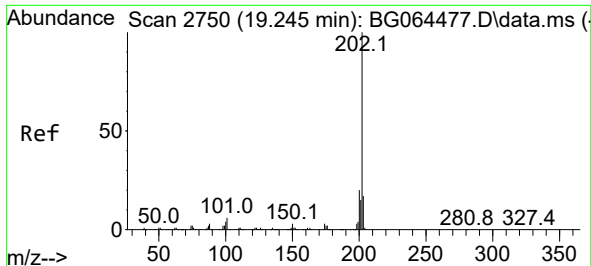
Tgt Ion:167 Resp: 279379
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.6 27.8
 139 13.6 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 49.01 ng
 RT: 18.153 min Scan# 2564
 Delta R.T. -0.002 min
 Lab File: BG064518.D
 Acq: 16 Oct 2025 16:15

Tgt Ion:149 Resp: 334508
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 7.0 5.3 7.9

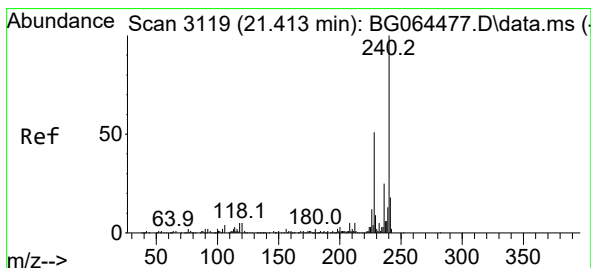
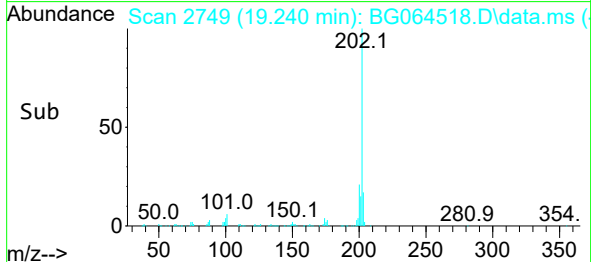
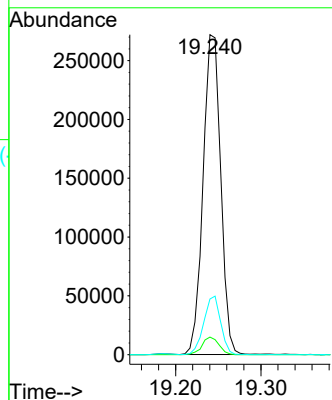
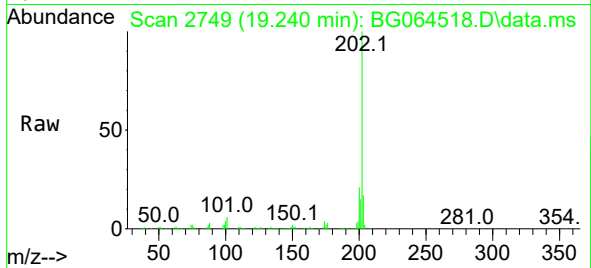




#75
Fluoranthene
Concen: 50.76 ng
RT: 19.240 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

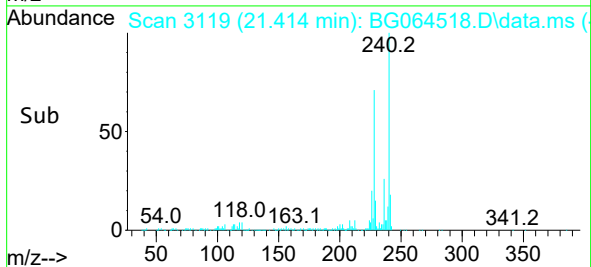
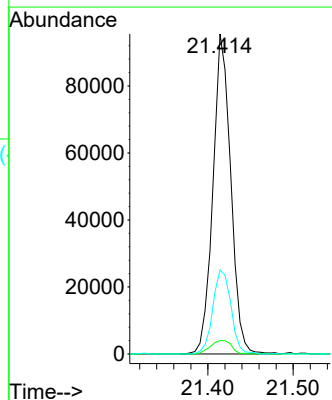
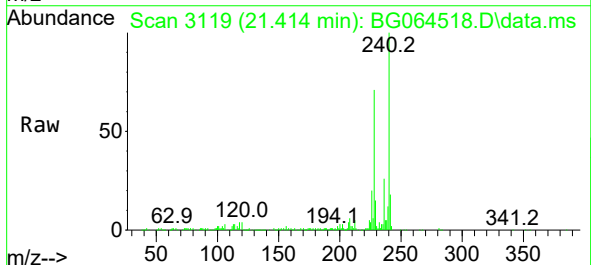
Instrument :
BNA_G
ClientSampleId :
PB170133BS

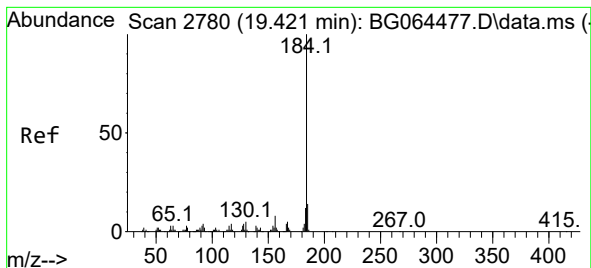
Tgt Ion:202 Resp: 390939
Ion Ratio Lower Upper
202 100
101 5.5 0.0 25.7
203 17.4 0.0 36.6



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.414 min Scan# 3119
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:240 Resp: 138581
Ion Ratio Lower Upper
240 100
120 4.2 4.3 6.5#
236 26.2 20.4 30.6





#77

Benzidine

Concen: 27.55 ng

RT: 19.428 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

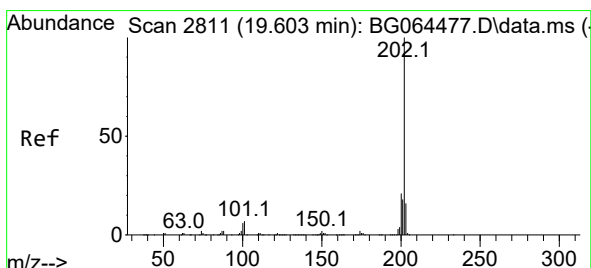
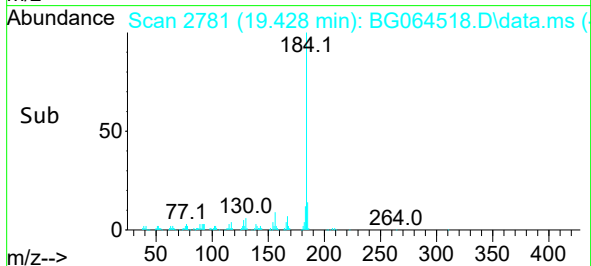
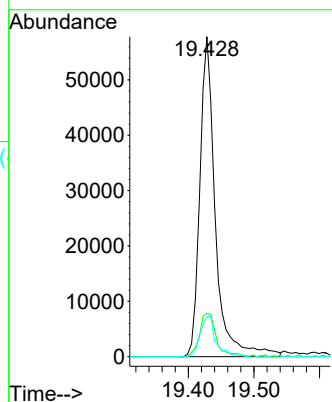
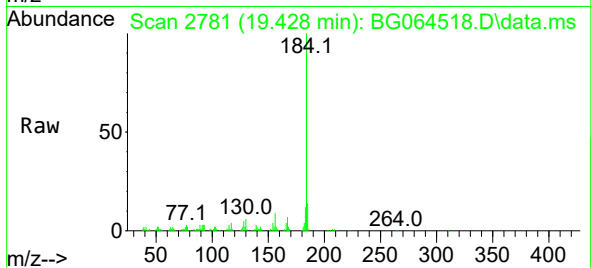
Tgt Ion:184 Resp: 95013

Ion Ratio Lower Upper

184 100

185 13.6 10.9 16.3

183 12.5 9.8 14.6



#78

Pyrene

Concen: 44.30 ng

RT: 19.605 min Scan# 2811

Delta R.T. 0.004 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

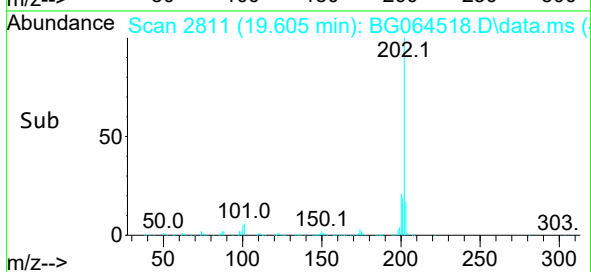
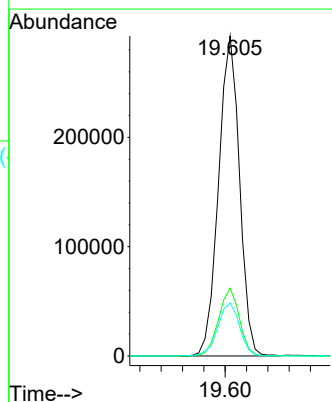
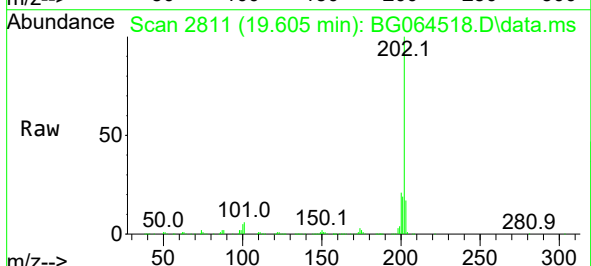
Tgt Ion:202 Resp: 398440

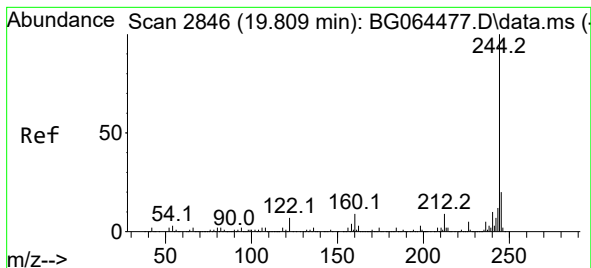
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 16.5 13.0 19.4





#79

Terphenyl-d14

Concen: 86.44 ng

RT: 19.810 min Scan# 2

Delta R.T. 0.004 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

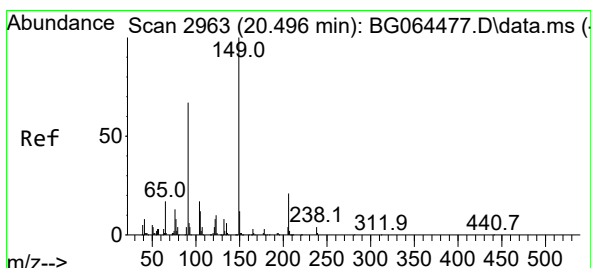
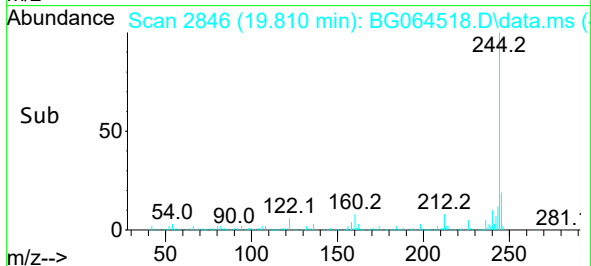
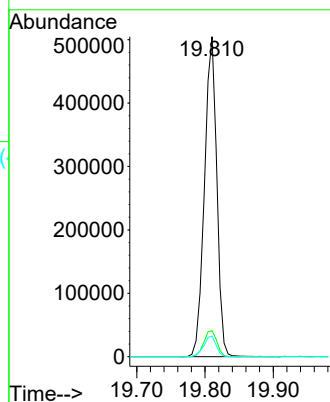
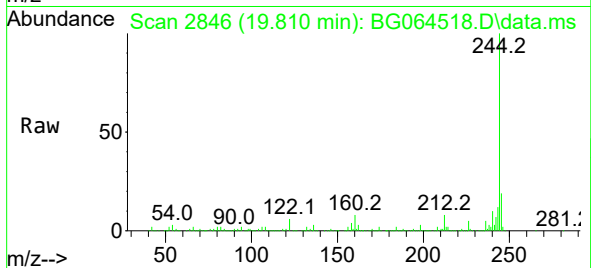
Tgt Ion:244 Resp: 632982

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.6

122 6.4 5.6 8.4



#80

Butylbenzylphthalate

Concen: 48.68 ng

RT: 20.503 min Scan# 2964

Delta R.T. 0.004 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

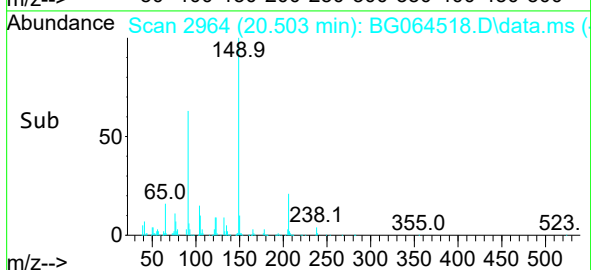
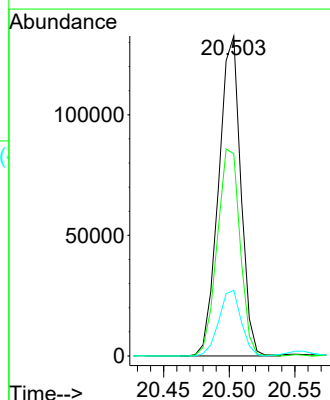
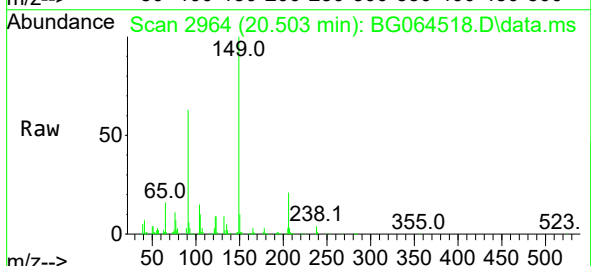
Tgt Ion:149 Resp: 155197

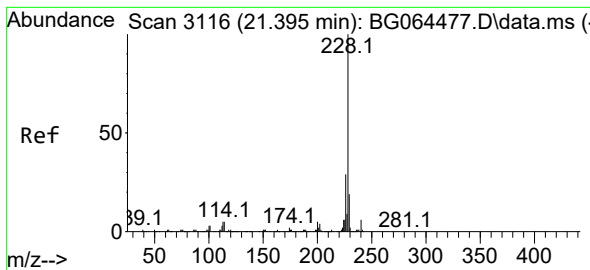
Ion Ratio Lower Upper

149 100

91 63.2 53.7 80.5

206 20.5 16.6 24.8

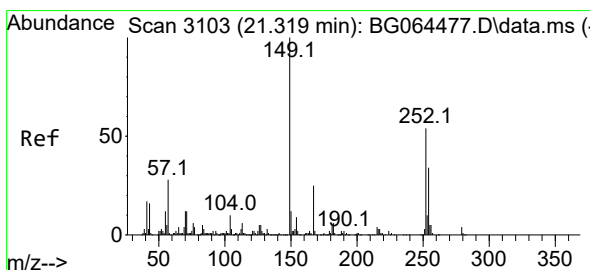
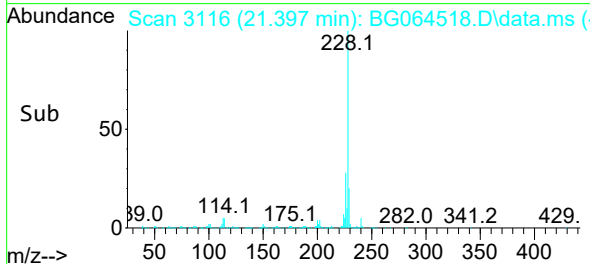
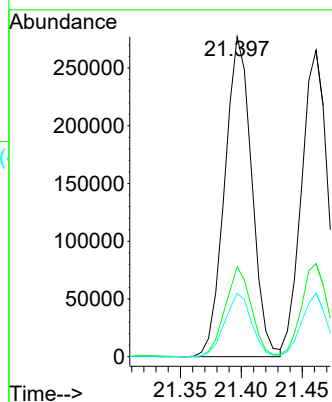
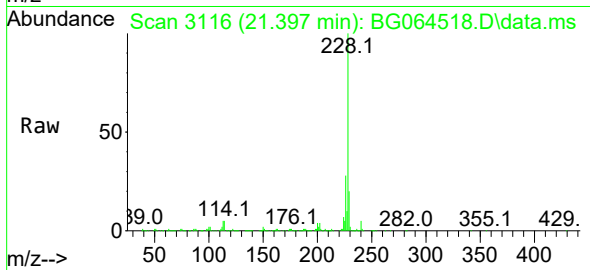




#81
Benzo(a)anthracene
Concen: 48.37 ng
RT: 21.397 min Scan# 3116
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

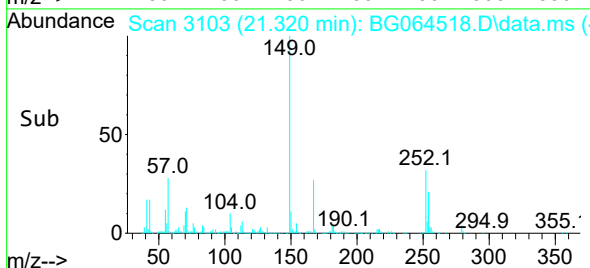
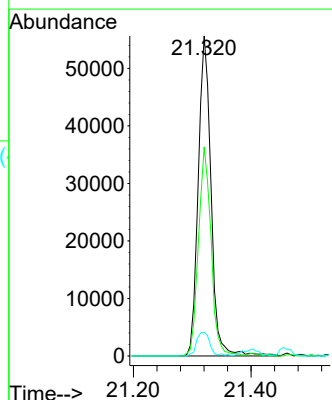
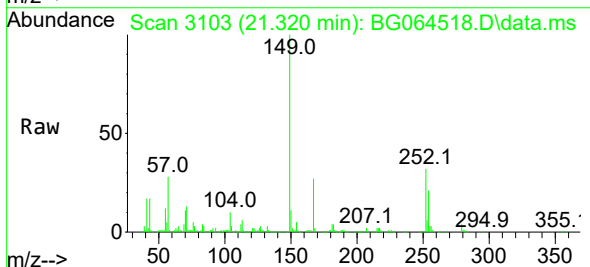
Instrument :
BNA_G
ClientSampleId :
PB170133BS

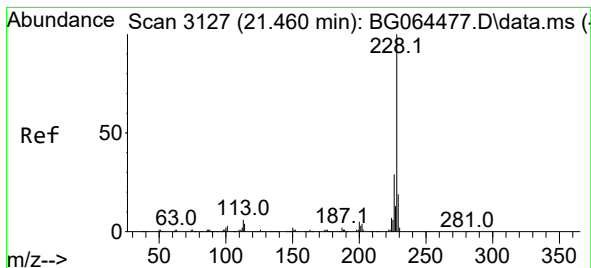
Tgt Ion:228 Resp: 427989
Ion Ratio Lower Upper
228 100
226 28.1 22.8 34.2
229 19.8 15.2 22.8



#82
3,3'-Dichlorobenzidine
Concen: 28.12 ng
RT: 21.320 min Scan# 3103
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:252 Resp: 84226
Ion Ratio Lower Upper
252 100
254 65.3 50.5 75.7
126 7.4 7.1 10.7





#83

Chrysene

Concen: 47.44 ng

RT: 21.461 min Scan# 3127

Delta R.T. 0.010 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

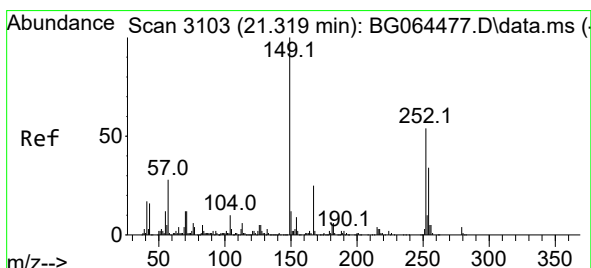
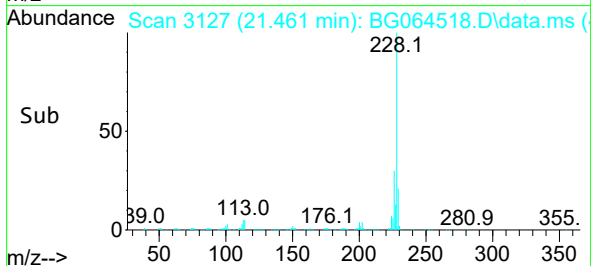
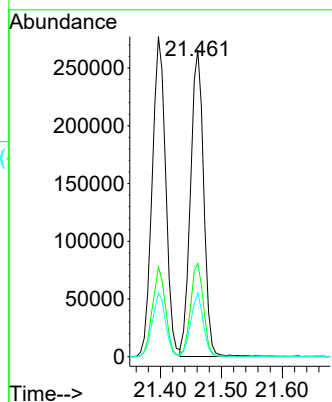
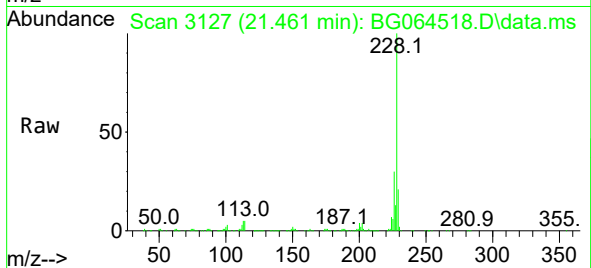
Tgt Ion:228 Resp: 398106

Ion Ratio Lower Upper

228 100

226 30.4 22.8 34.2

229 20.7 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.58 ng

RT: 21.320 min Scan# 3103

Delta R.T. 0.004 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

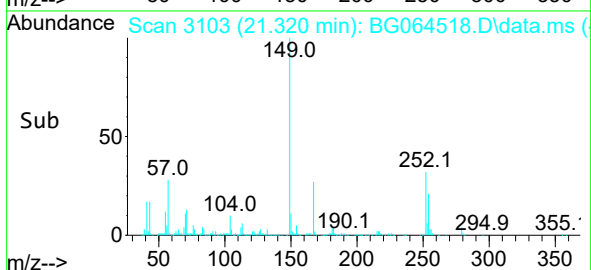
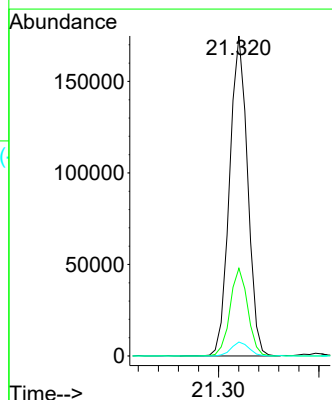
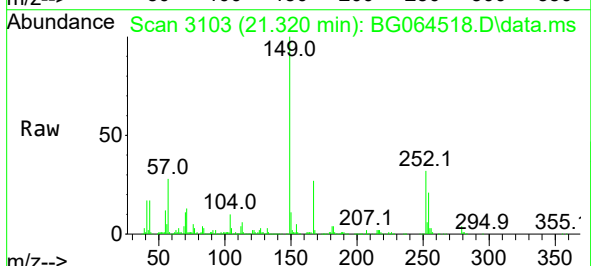
Tgt Ion:149 Resp: 218513

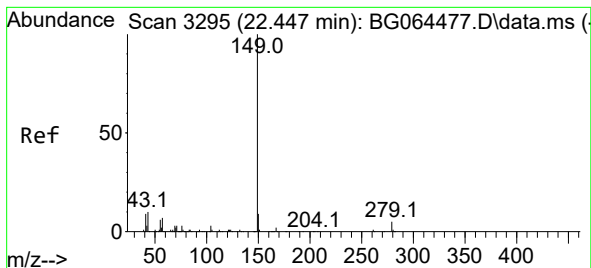
Ion Ratio Lower Upper

149 100

167 27.4 19.7 29.5

279 4.4 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 49.20 ng

RT: 22.448 min Scan# 31

Delta R.T. 0.010 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

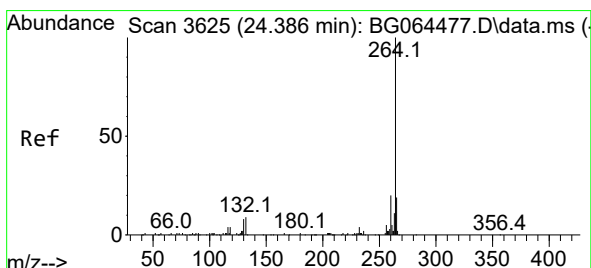
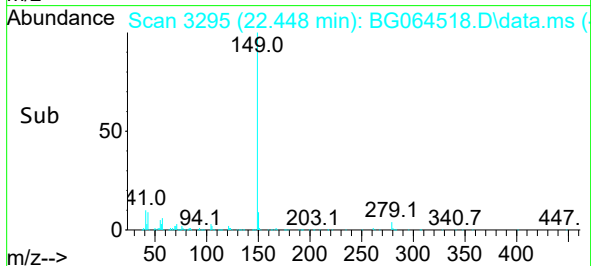
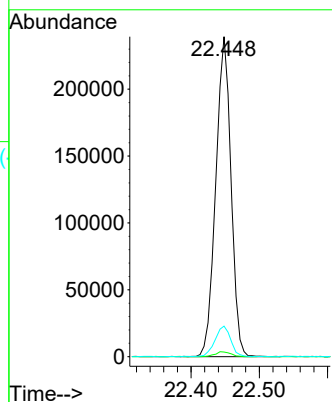
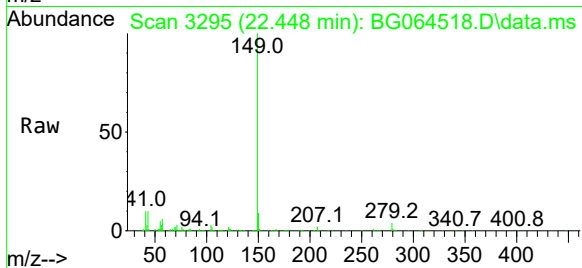
Tgt Ion:149 Resp: 371963

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 10.0 7.9 11.9



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.399 min Scan# 3627

Delta R.T. 0.010 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

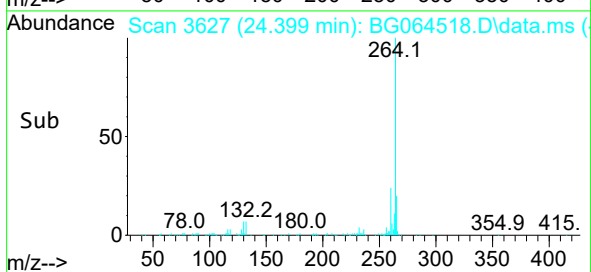
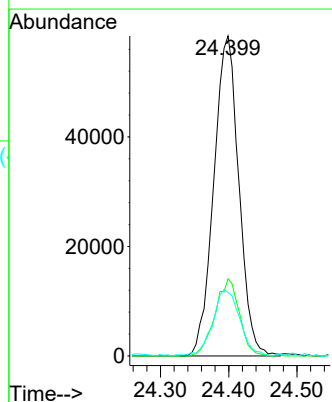
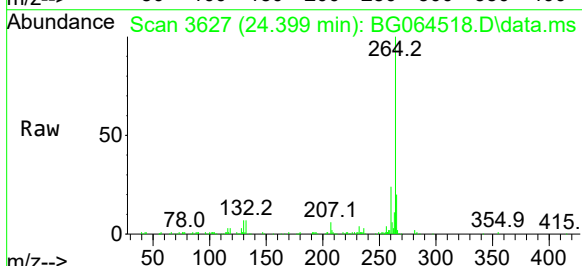
Tgt Ion:264 Resp: 149424

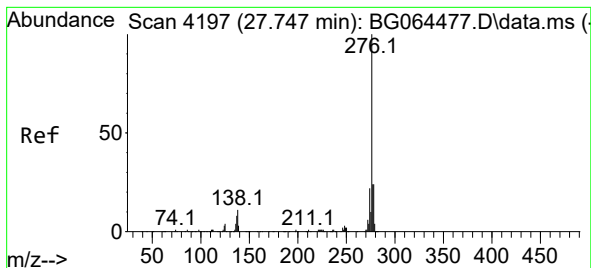
Ion Ratio Lower Upper

264 100

260 24.1 16.2 24.4

265 19.8 15.0 22.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.33 ng

RT: 27.760 min Scan# 41

Delta R.T. 0.027 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

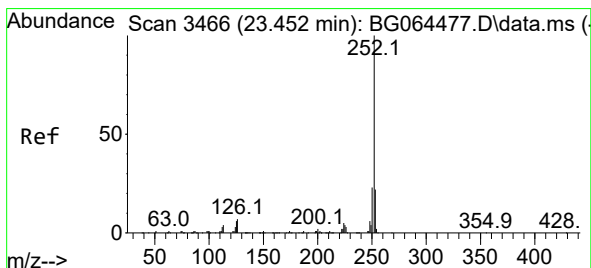
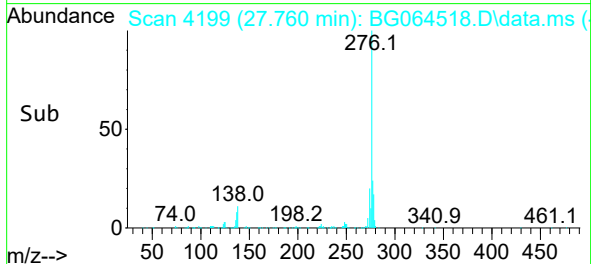
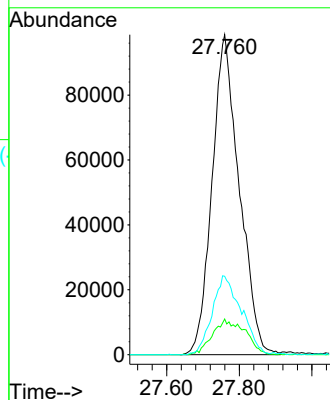
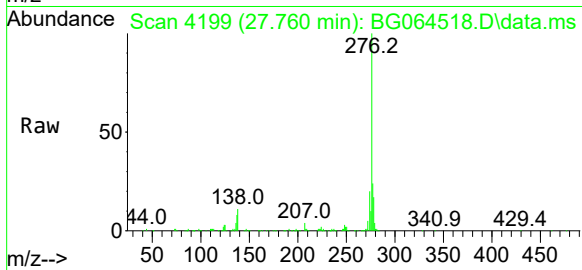
Tgt Ion:276 Resp: 513100

Ion Ratio Lower Upper

276 100

138 13.3 10.8 16.2

277 26.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 49.26 ng

RT: 23.459 min Scan# 3467

Delta R.T. 0.010 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

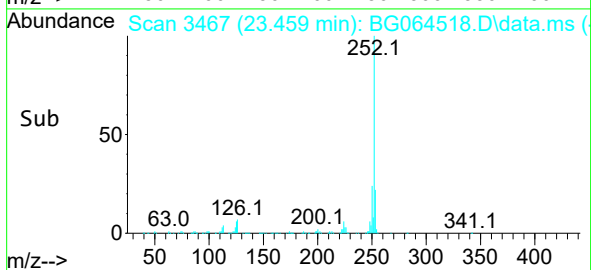
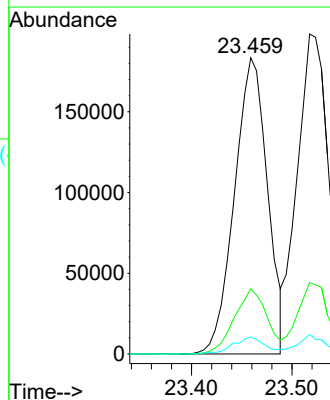
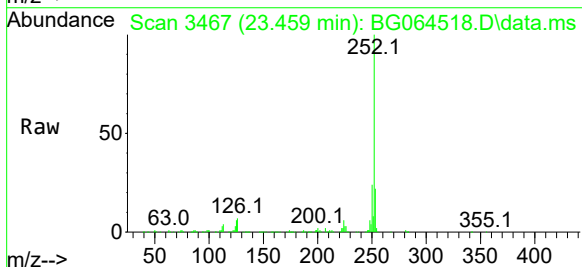
Tgt Ion:252 Resp: 418720

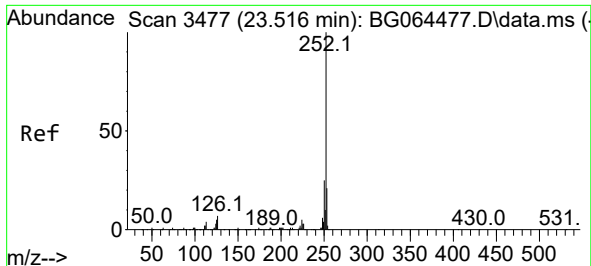
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 5.7 4.5 6.7

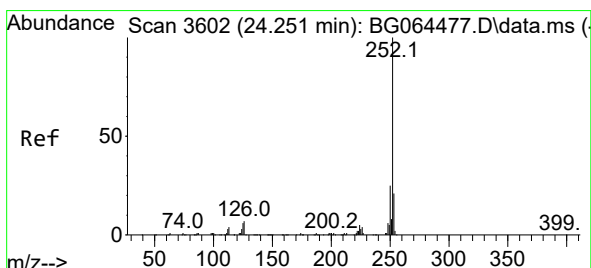
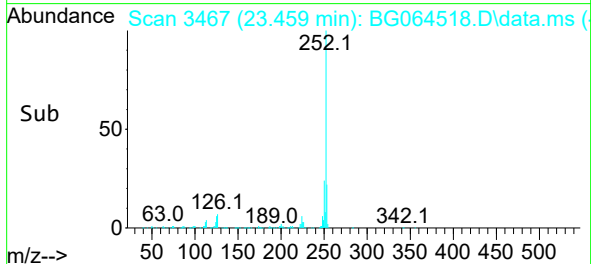
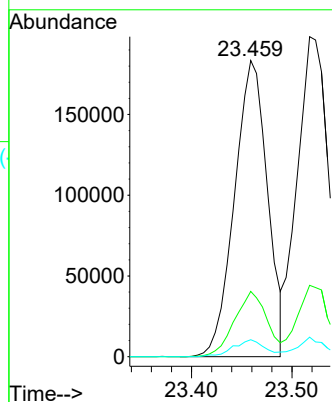
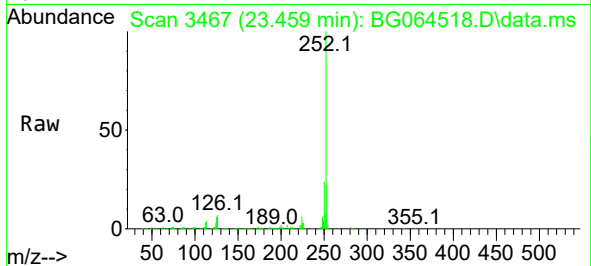




#89
Benzo(k)fluoranthene
Concen: 48.91 ng
RT: 23.459 min Scan# 34
Delta R.T. -0.049 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

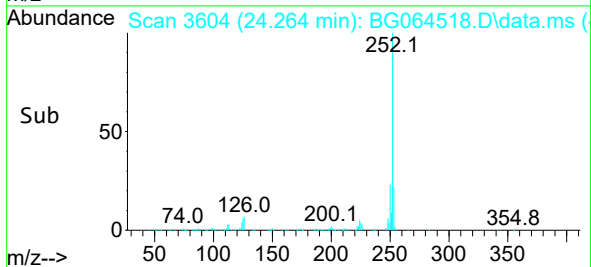
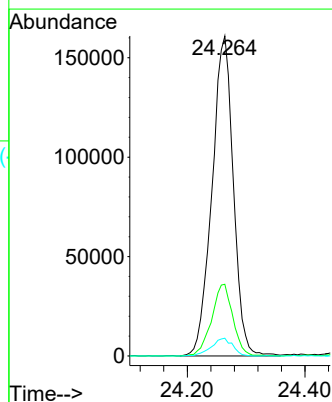
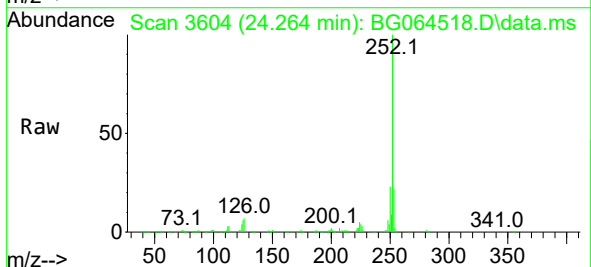
Instrument :
BNA_G
ClientSampleId :
PB170133BS

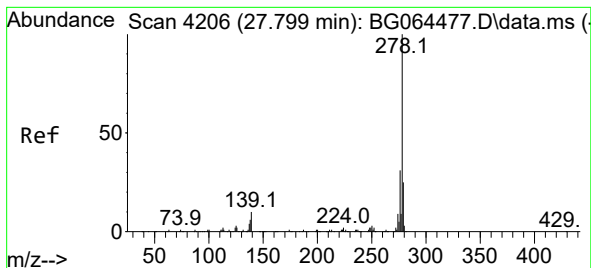
Tgt Ion:252 Resp: 418720
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 5.7 4.0 6.0



#90
Benzo(a)pyrene
Concen: 51.73 ng
RT: 24.264 min Scan# 3604
Delta R.T. 0.016 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:252 Resp: 405302
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 5.5 4.6 6.8





#91

Dibenzo(a,h)anthracene

Concen: 50.63 ng

RT: 27.818 min Scan# 41

Delta R.T. 0.039 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

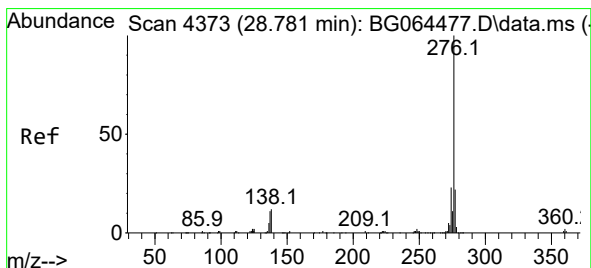
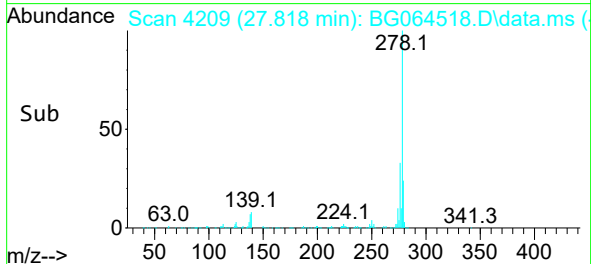
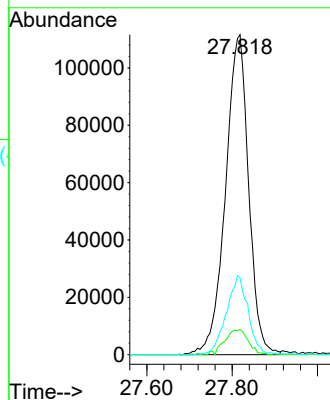
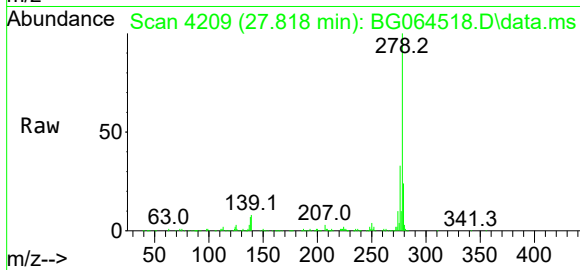
Tgt Ion:278 Resp: 421086

Ion Ratio Lower Upper

278 100

139 7.9 8.2 12.2#

279 24.0 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 50.10 ng

RT: 28.806 min Scan# 4377

Delta R.T. 0.039 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Tgt Ion:276 Resp: 404947

Ion Ratio Lower Upper

276 100

277 25.0 17.8 26.6

138 10.9 9.4 14.0

