

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064102.D
 Acq On : 11 Mar 2025 19:20
 Operator : RC/JU
 Sample : Q1523-06MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-A2-02-CMSD

Quant Time: Mar 12 01:41:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	35821	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	155055	20.000	ng	0.00
39) Acenaphthene-d10	14.487	164	100787	20.000	ng	0.00
64) Phenanthrene-d10	17.231	188	218138	20.000	ng	0.00
76) Chrysene-d12	21.462	240	221959	20.000	ng	0.00
86) Perylene-d12	24.476	264	243592	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	321963	140.344	ng	0.00
7) Phenol-d6	7.037	99	402416	128.944	ng	0.00
23) Nitrobenzene-d5	9.017	82	312601	111.412	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	193367	172.600	ng	0.00
45) 2-Fluorobiphenyl	13.113	172	680559	102.494	ng	0.00
79) Terphenyl-d14	19.852	244	1158161	105.506	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.389	88	35325	33.976	ng	94
3) Pyridine	3.782	79	74429	29.436	ng	99
4) n-Nitrosodimethylamine	3.682	42	77456	42.875	ng	90
6) Aniline	7.196	93	38949	12.719	ng	96
8) 2-Chlorophenol	7.431	128	115444	46.854	ng	94
9) Benzaldehyde	7.002	77	19923	10.976	ng	97
10) Phenol	7.061	94	130942	40.980	ng	96
11) bis(2-Chloroethyl)ether	7.290	93	104438	41.691	ng	97
12) 1,3-Dichlorobenzene	7.754	146	112545	41.596	ng	96
13) 1,4-Dichlorobenzene	7.901	146	114514	41.292	ng	99
14) 1,2-Dichlorobenzene	8.218	146	114470	42.805	ng	96
15) Benzyl Alcohol	8.101	79	118323	49.063	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.389	45	241996	42.962	ng	98
17) 2-Methylphenol	8.306	107	98123	46.270	ng	95
18) Hexachloroethane	8.947	117	45142	46.524	ng	95
19) n-Nitroso-di-n-propyla...	8.671	70	94983	43.367	ng	97
20) 3+4-Methylphenols	8.630	107	134153	45.950	ng	93
22) Acetophenone	8.682	105	203426	47.850	ng	# 97
24) Nitrobenzene	9.058	77	142513	49.148	ng	99
25) Isophorone	9.581	82	261171	46.505	ng	96
26) 2-Nitrophenol	9.764	139	58306	55.989	ng	# 86
27) 2,4-Dimethylphenol	9.828	122	105530	62.682	ng	99
28) bis(2-Chloroethoxy)met...	10.063	93	149599	43.937	ng	99
29) 2,4-Dichlorophenol	10.298	162	106779	50.228	ng	94
30) 1,2,4-Trichlorobenzene	10.516	180	113906	44.385	ng	99
31) Naphthalene	10.704	128	474924	56.802	ng	99
32) Benzoic acid	9.981	122	82947	52.629	ng	98
33) 4-Chloroaniline	10.809	127	13973	4.572	ng	# 91
34) Hexachlorobutadiene	10.991	225	75178	44.692	ng	94
35) Caprolactam	11.573	113	21978	26.978	ng	94
36) 4-Chloro-3-methylphenol	11.932	107	131503	47.191	ng	95
37) 2-Methylnaphthalene	12.313	142	297071	50.329	ng	96
38) 1-Methylnaphthalene	12.531	142	289622	50.084	ng	100
40) 1,2,4,5-Tetrachloroben...	12.684	216	150573	52.330	ng	96
41) Hexachlorocyclopentadiene	12.666	237	133987	165.447	ng	98
43) 2,4,6-Trichlorophenol	12.919	196	92079	54.297	ng	96

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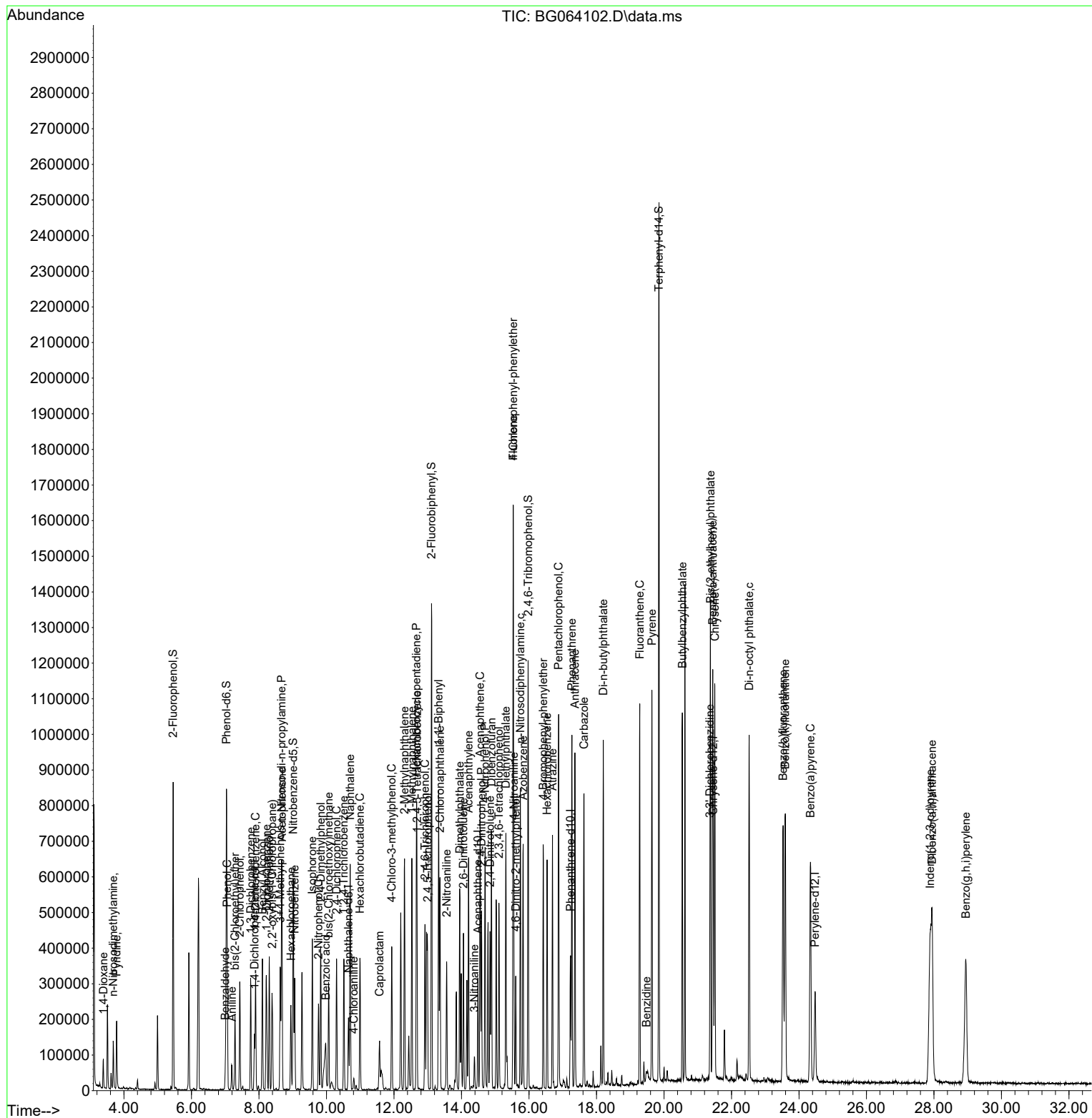
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44) 2,4,5-Trichlorophenol	12.995	196	102544	54.420	ng	98
46) 1,1'-Biphenyl	13.324	154	406978	53.447	ng	98
47) 2-Chloronaphthalene	13.365	162	268971	48.433	ng	98
48) 2-Nitroaniline	13.559	65	100459	53.278	ng	96
49) Acenaphthylene	14.211	152	434625	49.479	ng	99
50) Dimethylphthalate	13.953	163	334665	44.983	ng	99
51) 2,6-Dinitrotoluene	14.058	165	74298	49.140	ng	89
52) Acenaphthene	14.552	154	282934	47.995	ng	100
53) 3-Nitroaniline	14.382	138	19243	13.383	ng	94
54) 2,4-Dinitrophenol	14.593	184	80253	122.845	ng	# 82
55) Dibenzofuran	14.887	168	432382	45.276	ng	97
56) 4-Nitrophenol	14.699	139	127982	106.127	ng	# 88
57) 2,4-Dinitrotoluene	14.846	165	104301	49.924	ng	# 94
58) Fluorene	15.533	166	348267	46.822	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	96080	52.302	ng	# 96
60) Diethylphthalate	15.316	149	365904	45.304	ng	98
61) 4-Chlorophenyl-phenyle...	15.533	204	169905	45.967	ng	91
62) 4-Nitroaniline	15.551	138	67605	43.548	ng	91
63) Azobenzene	15.827	77	370850	43.029	ng	96
65) 4,6-Dinitro-2-methylph...	15.610	198	56039	57.512	ng	96
66) n-Nitrosodiphenylamine	15.745	169	301849	48.885	ng	98
67) 4-Bromophenyl-phenylether	16.420	248	110208	49.329	ng	93
68) Hexachlorobenzene	16.538	284	123234	49.270	ng	98
69) Atrazine	16.697	200	117817	64.850	ng	95
70) Pentachlorophenol	16.879	266	170476	109.773	ng	97
71) Phenanthrene	17.272	178	569961	48.987	ng	99
72) Anthracene	17.360	178	573917	49.607	ng	97
73) Carbazole	17.631	167	523806	48.492	ng	99
74) Di-n-butylphthalate	18.201	149	620627	48.811	ng	99
75) Fluoranthene	19.282	202	647433	46.157	ng	97
77) Benzidine	19.476	184	52747	17.162	ng	# 95
78) Pyrene	19.640	202	669978	46.826	ng	99
80) Butylbenzylphthalate	20.545	149	287287	53.091	ng	97
81) Benzo(a)anthracene	21.444	228	697673	49.070	ng	99
82) 3,3'-Dichlorobenzidine	21.362	252	98280	21.358	ng	# 99
83) Chrysene	21.509	228	671957	47.385	ng	99
84) Bis(2-ethylhexyl)phtha...	21.379	149	430265	55.956	ng	97
85) Di-n-octyl phthalate	22.525	149	752818	56.761	ng	98
87) Indeno(1,2,3-cd)pyrene	27.883	276	837202	51.368	ng	99
88) Benzo(b)fluoranthene	23.530	252	686296	46.604	ng	97
89) Benzo(k)fluoranthene	23.594	252	701851	47.508	ng	100
90) Benzo(a)pyrene	24.341	252	667336	50.884	ng	98
91) Dibenzo(a,h)anthracene	27.942	278	685587	50.740	ng	97
92) Benzo(g,h,i)perylene	28.947	276	643489	46.385	ng	97

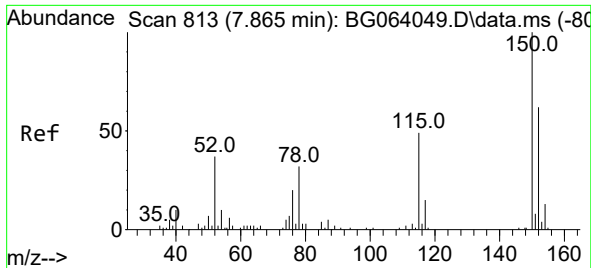
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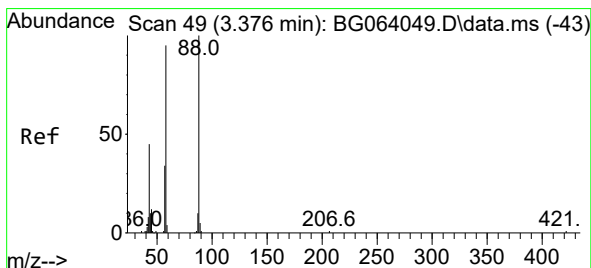
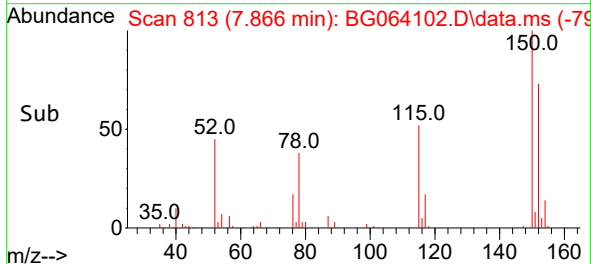
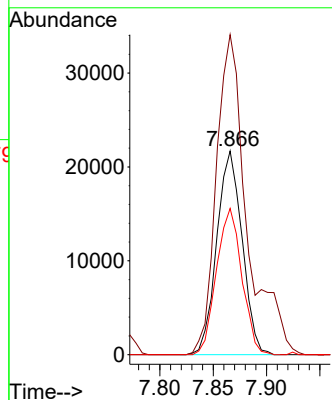
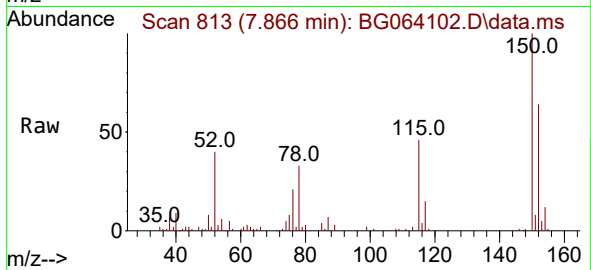




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.866 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BG064102.D
 Acq: 11 Mar 2025 19:20

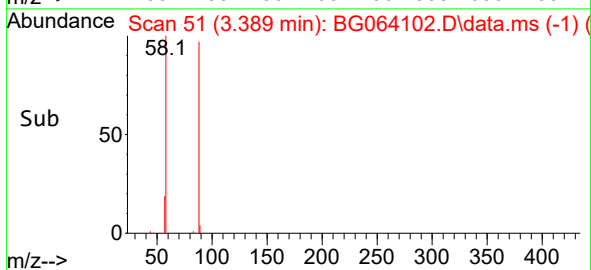
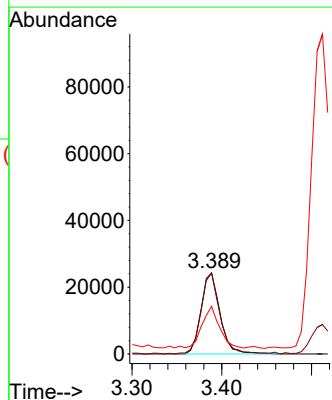
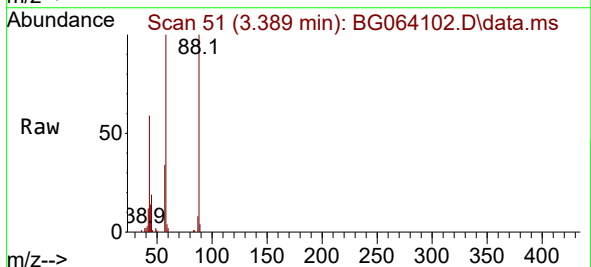
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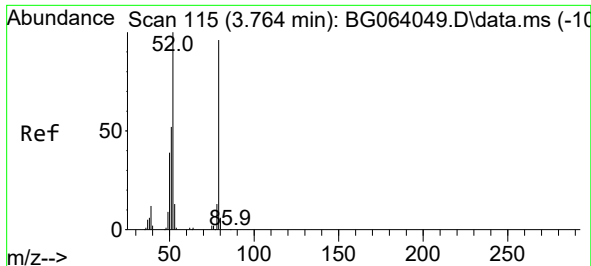
Tgt Ion:152 Resp: 35821
 Ion Ratio Lower Upper
 152 100
 150 157.1 129.2 193.8
 115 71.8 63.0 94.6



#2
 1,4-Dioxane
 Concen: 33.976 ng
 RT: 3.389 min Scan# 51
 Delta R.T. 0.013 min
 Lab File: BG064102.D
 Acq: 11 Mar 2025 19:20

Tgt Ion: 88 Resp: 35325
 Ion Ratio Lower Upper
 88 100
 58 99.9 74.6 111.8
 43 46.9 35.5 53.3

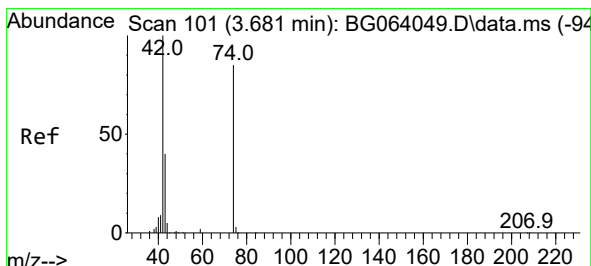
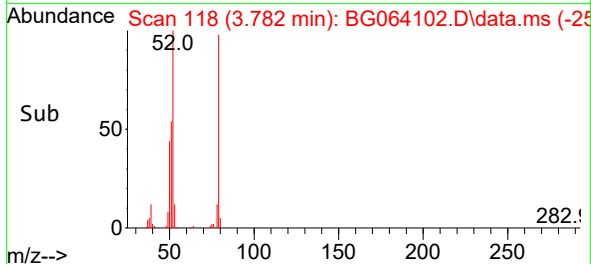
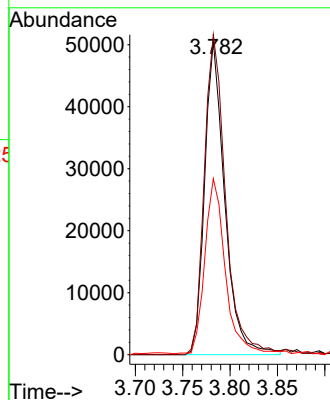
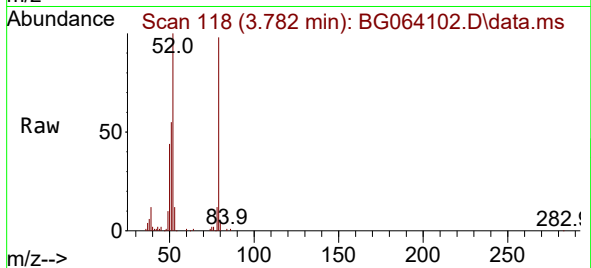




#3
Pyridine
Concen: 29.436 ng
RT: 3.782 min Scan# 115
Delta R.T. 0.019 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

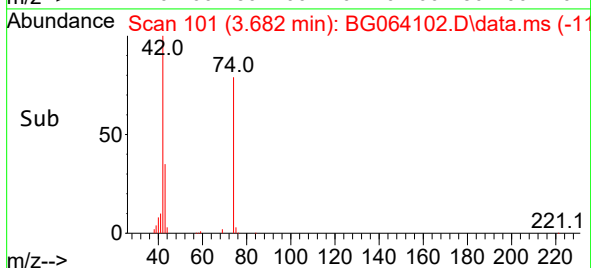
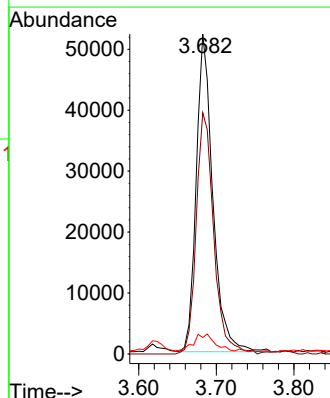
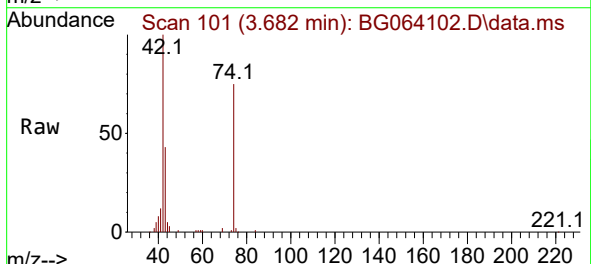
Instrument :
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ClientSampleId :
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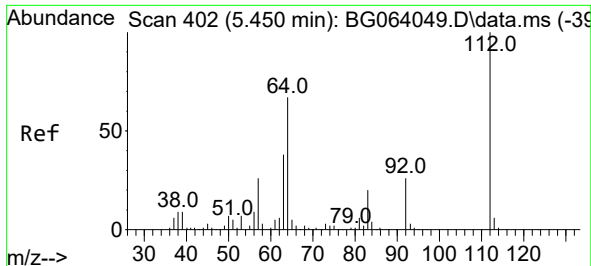
Tgt Ion: 79 Resp: 74429
Ion Ratio Lower Upper
79 100
52 102.0 83.0 124.6
51 56.1 44.3 66.5



#4
n-Nitrosodimethylamine
Concen: 42.875 ng
RT: 3.682 min Scan# 101
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion: 42 Resp: 77456
Ion Ratio Lower Upper
42 100
74 75.4 68.0 102.0
44 5.1 4.9 7.3

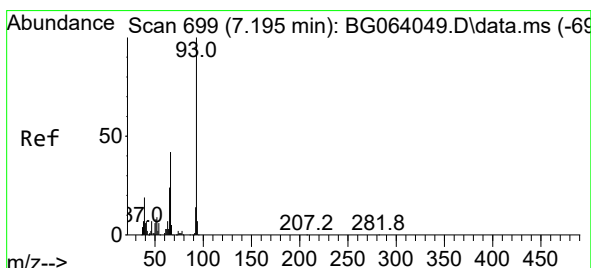
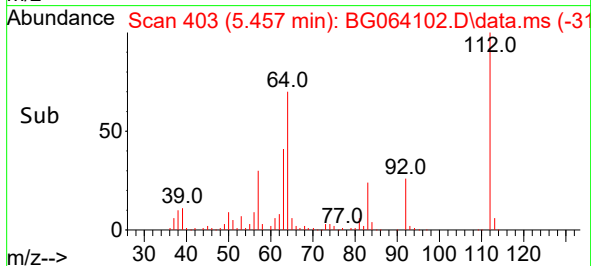
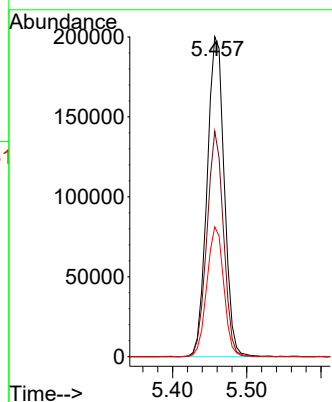
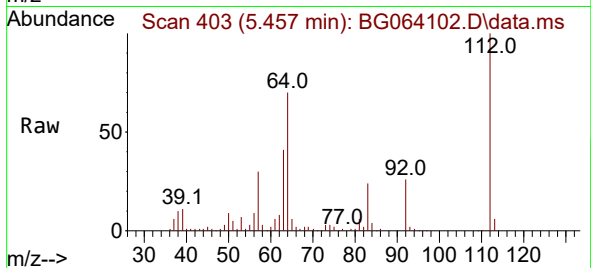




#5
2-Fluorophenol
Concen: 140.344 ng
RT: 5.457 min Scan# 402
Delta R.T. 0.007 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

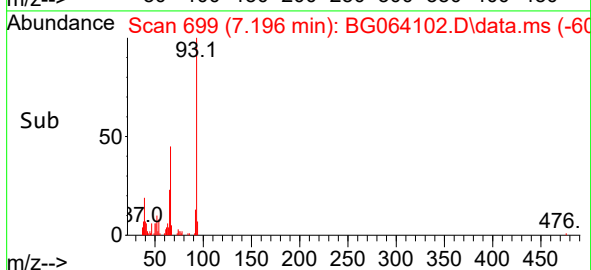
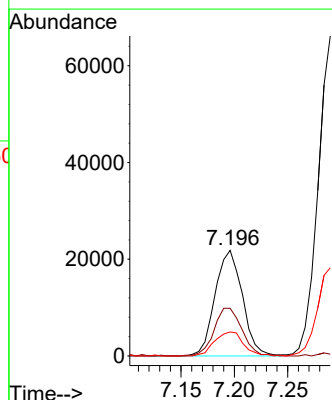
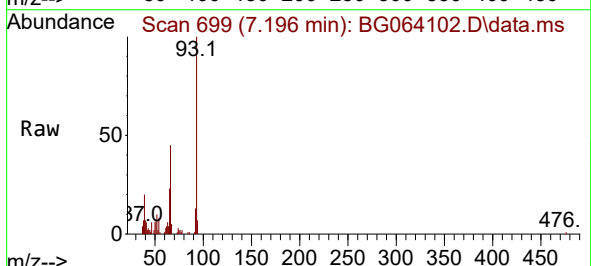
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ClientSampleId :
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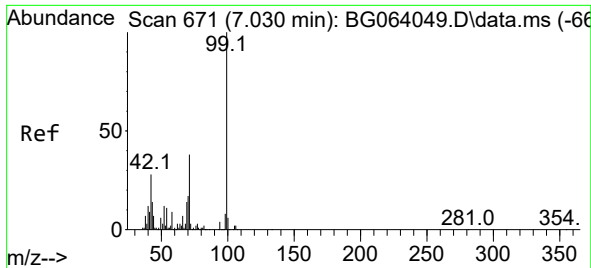
Tgt Ion:112 Resp: 321963
Ion Ratio Lower Upper
112 100
64 70.5 53.7 80.5
63 40.6 30.2 45.4



#6
Aniline
Concen: 12.719 ng
RT: 7.196 min Scan# 699
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion: 93 Resp: 38949
Ion Ratio Lower Upper
93 100
66 45.1 33.7 50.5
65 22.8 19.1 28.7

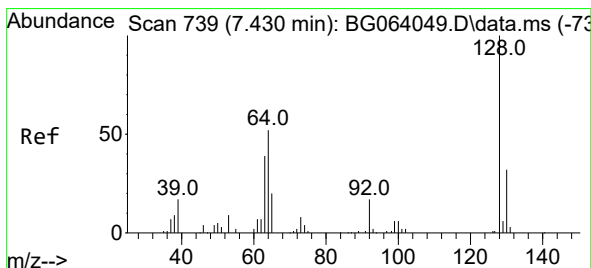
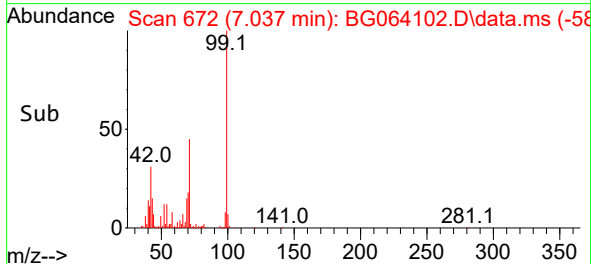
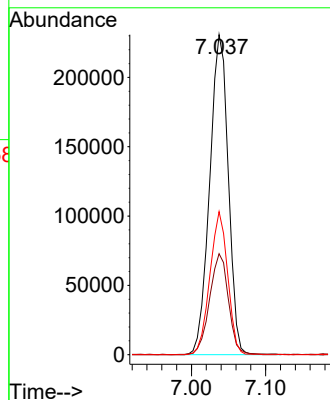
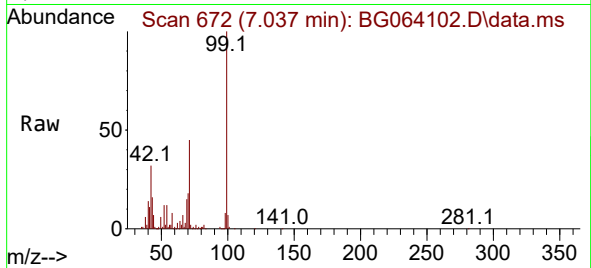




#7
Phenol-d6
Concen: 128.944 ng
RT: 7.037 min Scan# 61
Delta R.T. 0.007 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

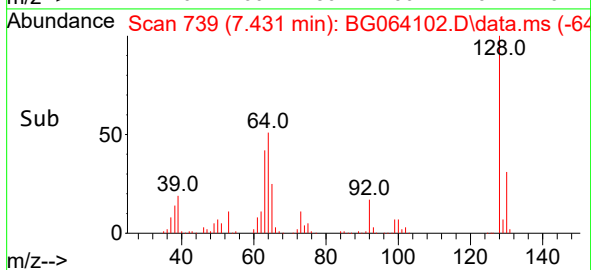
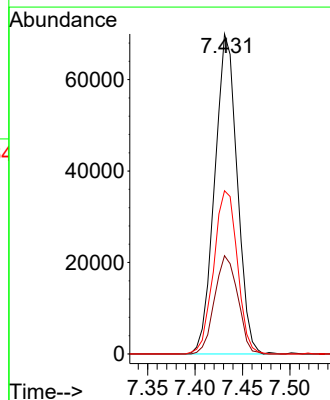
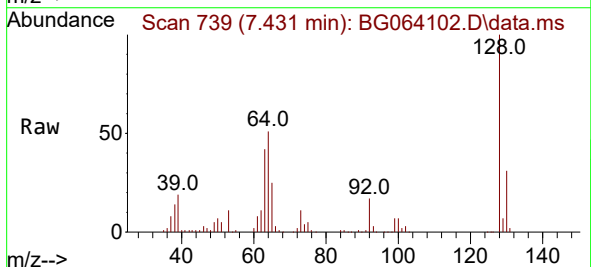
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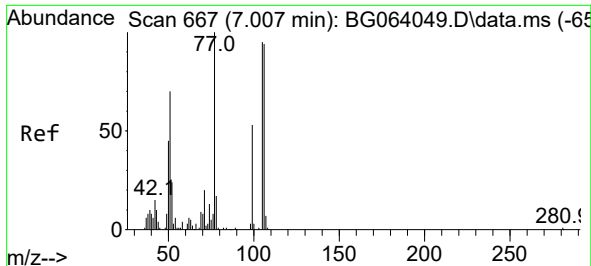
Tgt Ion: 99 Resp: 402416
Ion Ratio Lower Upper
99 100
42 31.6 22.7 34.1
71 44.7 30.6 46.0



#8
2-Chlorophenol
Concen: 46.854 ng
RT: 7.431 min Scan# 739
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:128 Resp: 115444
Ion Ratio Lower Upper
128 100
130 30.7 12.3 52.3
64 51.0 37.0 77.0

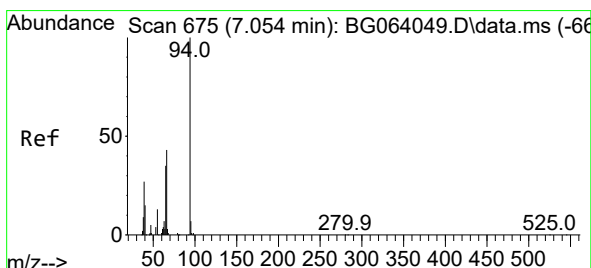
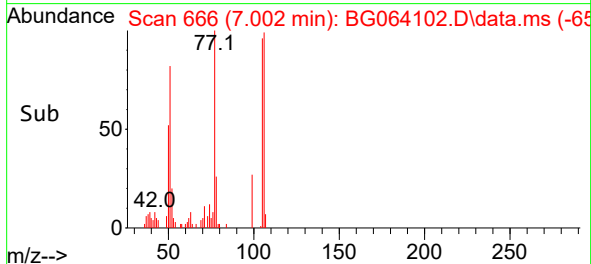
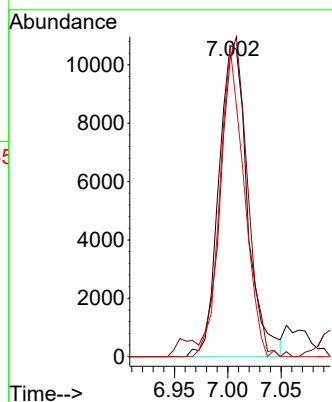
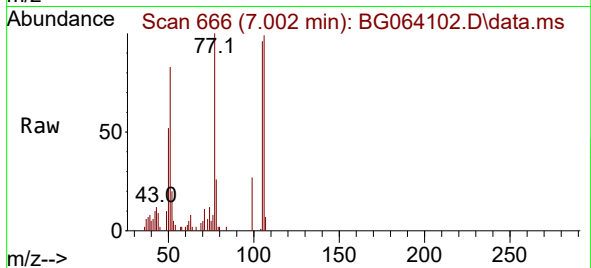




#9
Benzaldehyde
Concen: 10.976 ng
RT: 7.002 min Scan# 666
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

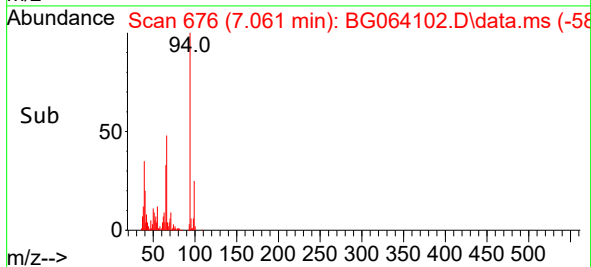
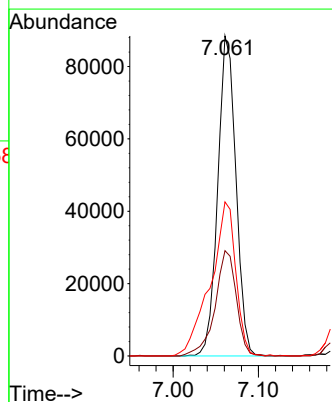
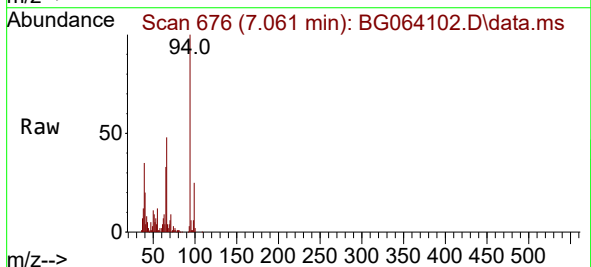
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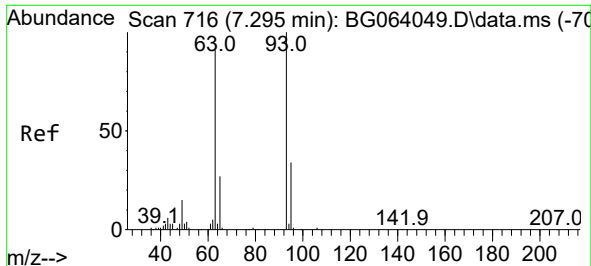
Tgt Ion: 77	Resp: 19923
Ion Ratio	Lower Upper
77 100	
105 95.5	75.5 115.5
106 99.5	74.2 114.2



#10
Phenol
Concen: 40.980 ng
RT: 7.061 min Scan# 676
Delta R.T. 0.007 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion: 94	Resp: 130942
Ion Ratio	Lower Upper
94 100	
65 32.9	15.2 55.2
66 48.2	25.1 65.1

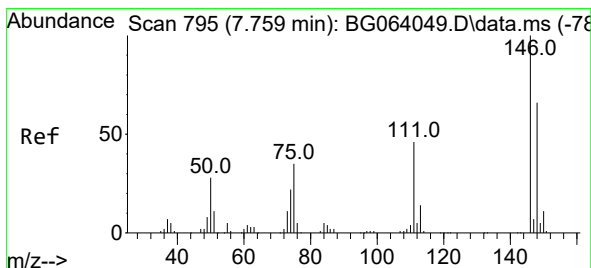
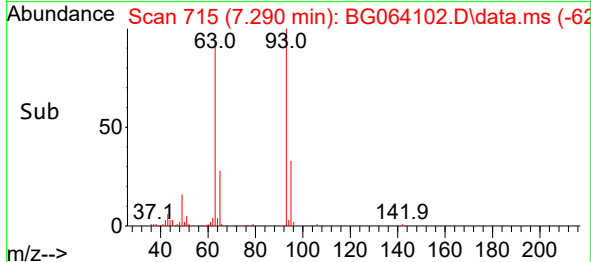
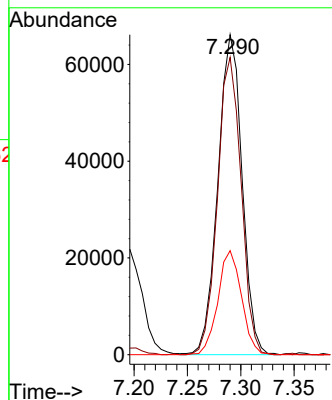
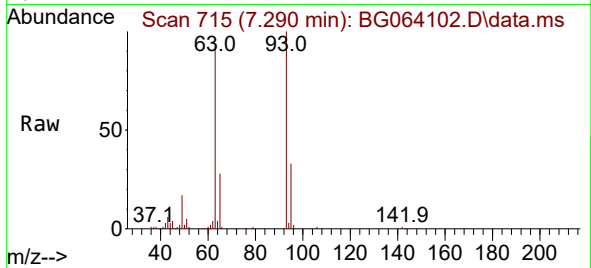




#11
bis(2-Chloroethyl)ether
Concen: 41.691 ng
RT: 7.290 min Scan# 716
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

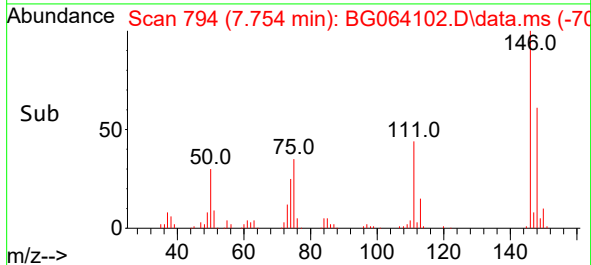
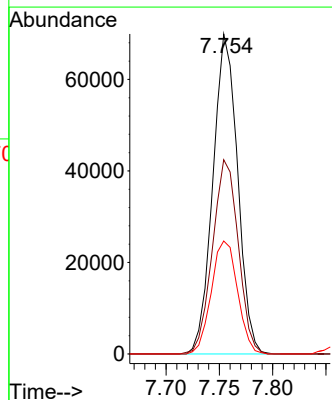
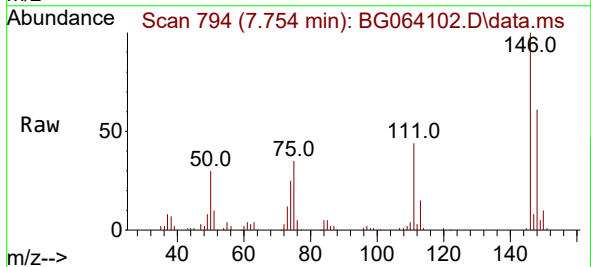
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

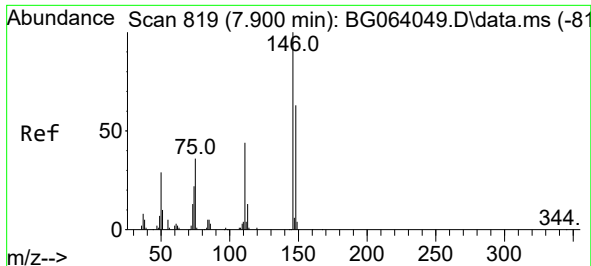
Tgt Ion: 93 Resp: 104438
Ion Ratio Lower Upper
93 100
63 92.9 70.0 110.0
95 32.5 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 41.596 ng
RT: 7.754 min Scan# 794
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:146 Resp: 112545
Ion Ratio Lower Upper
146 100
148 60.7 52.6 78.8
75 35.3 28.1 42.1

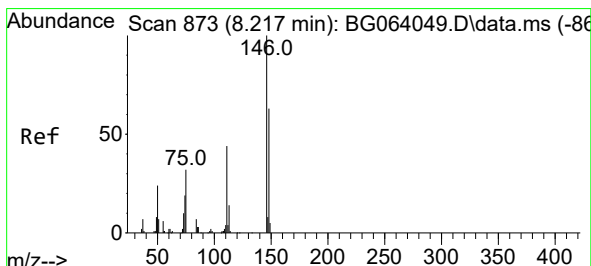
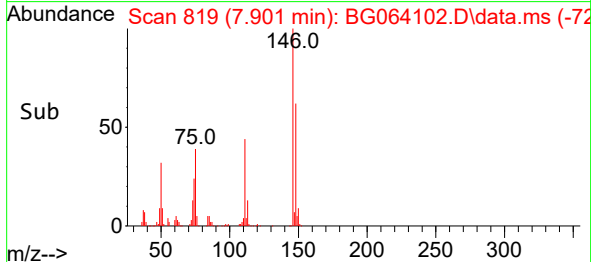
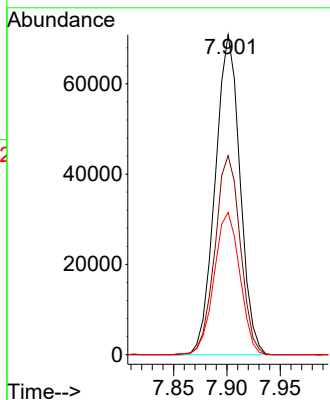
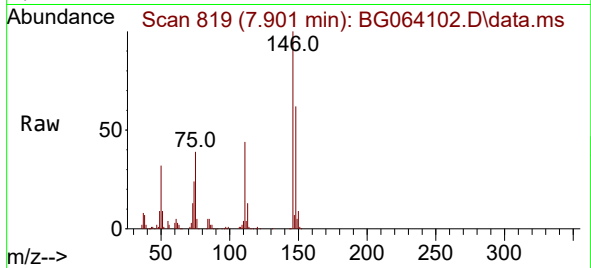




#13
1,4-Dichlorobenzene
Concen: 41.292 ng
RT: 7.901 min Scan# 819
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

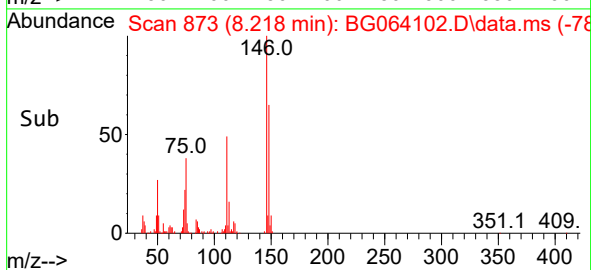
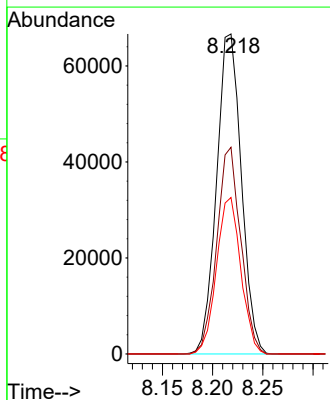
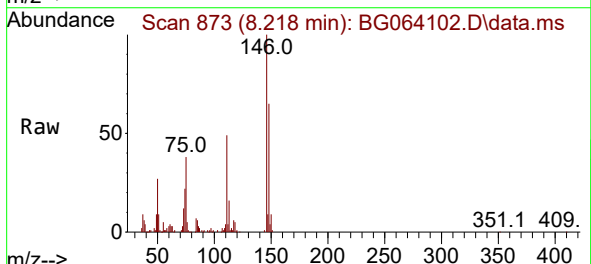
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

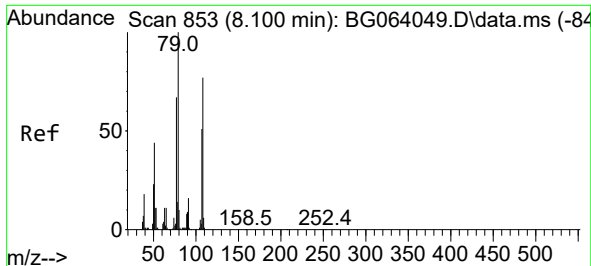
Tgt Ion:146 Resp: 114514
Ion Ratio Lower Upper
146 100
148 62.2 50.6 75.8
111 44.4 35.1 52.7



#14
1,2-Dichlorobenzene
Concen: 42.805 ng
RT: 8.218 min Scan# 873
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:146 Resp: 114470
Ion Ratio Lower Upper
146 100
148 64.6 50.2 75.2
111 48.9 36.4 54.6

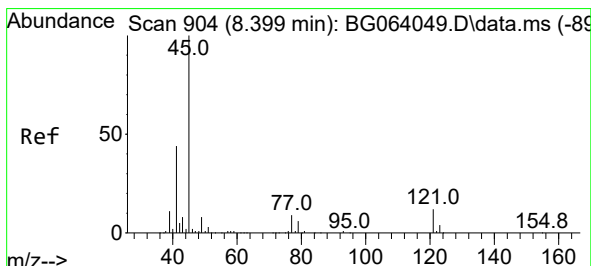
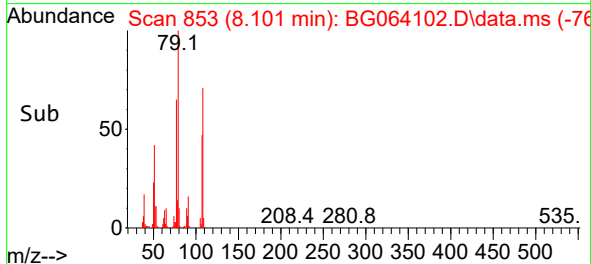
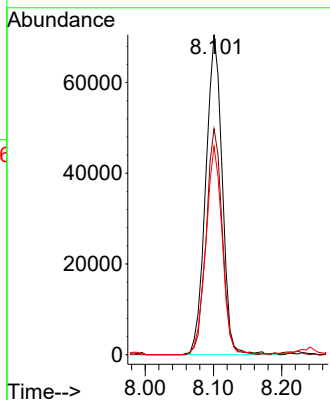
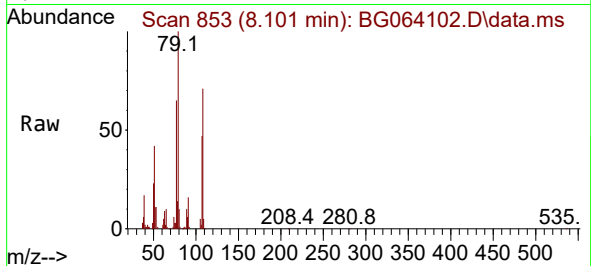




#15
Benzyl Alcohol
Concen: 49.063 ng
RT: 8.101 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

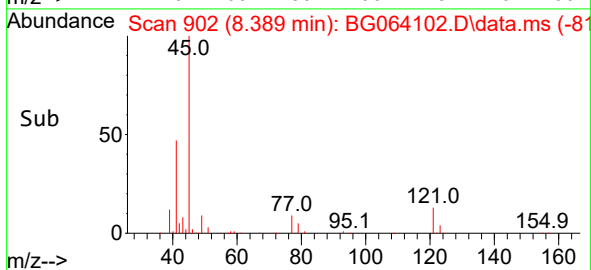
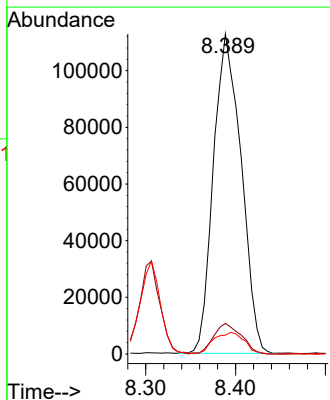
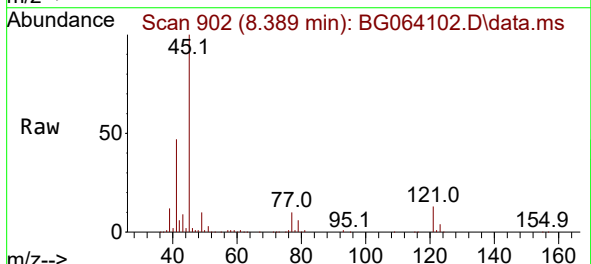
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

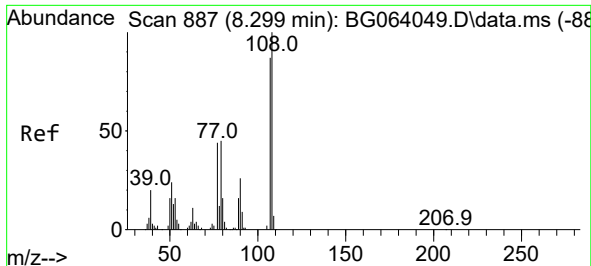
Tgt Ion: 79 Resp: 118323
Ion Ratio Lower Upper
79 100
108 70.6 61.7 92.5
77 65.1 53.9 80.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.962 ng
RT: 8.389 min Scan# 902
Delta R.T. -0.011 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion: 45 Resp: 241996
Ion Ratio Lower Upper
45 100
77 9.6 0.0 29.0
79 5.9 0.0 26.6

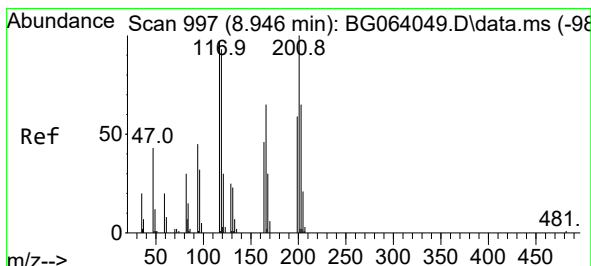
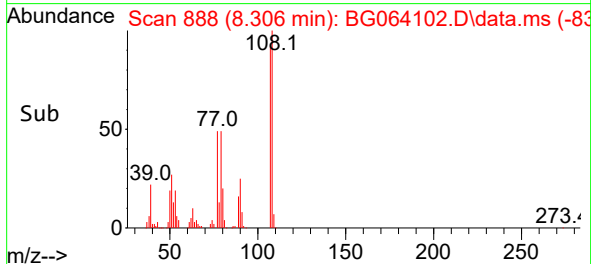
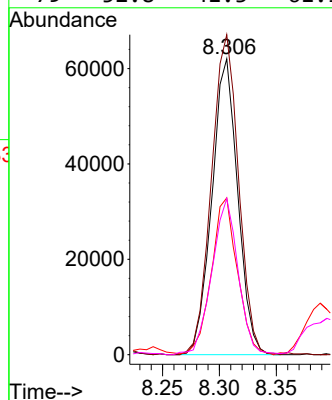
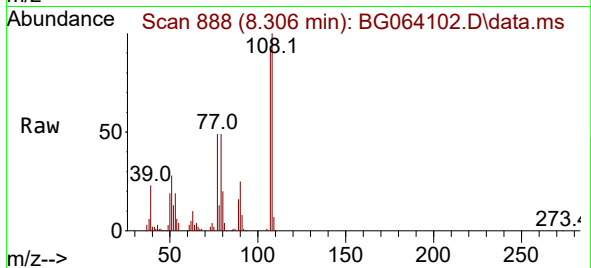




#17
2-Methylphenol
Concen: 46.270 ng
RT: 8.306 min Scan# 888
Delta R.T. 0.007 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

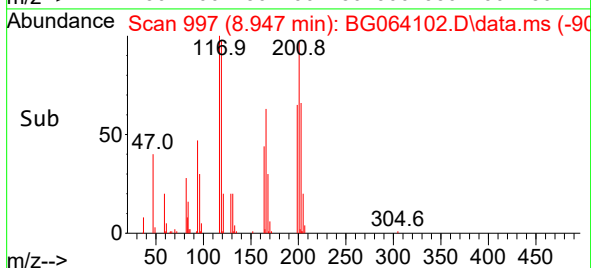
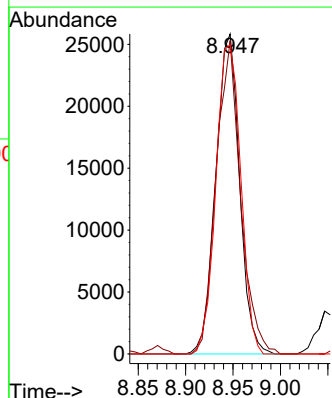
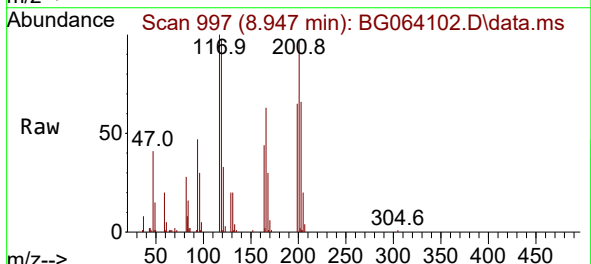
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

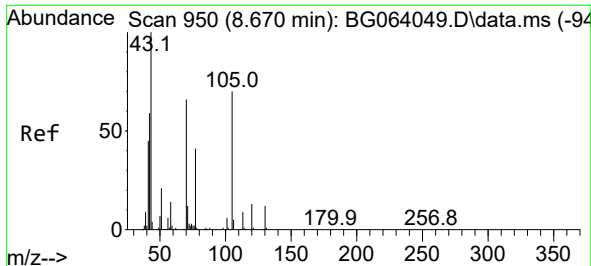
Tgt Ion:	107	Resp:	98123
Ion Ratio	Lower	Upper	
107	100		
108	108.1	92.5	138.7
77	53.0	40.5	60.7
79	52.8	41.3	61.9



#18
Hexachloroethane
Concen: 46.524 ng
RT: 8.947 min Scan# 997
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:	117	Resp:	45142
Ion Ratio	Lower	Upper	
117	100		
119	99.1	76.2	114.2
201	96.7	81.5	122.3

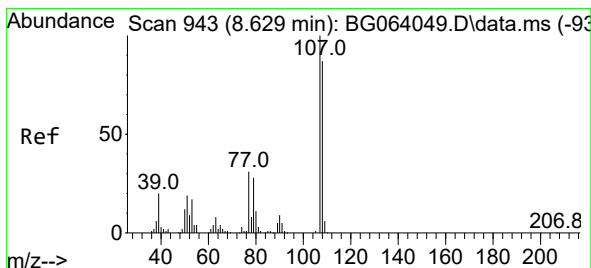
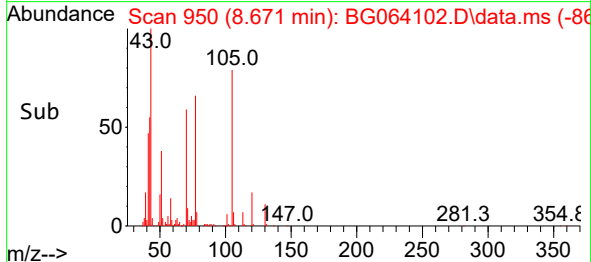
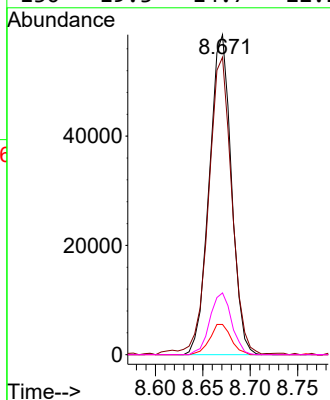
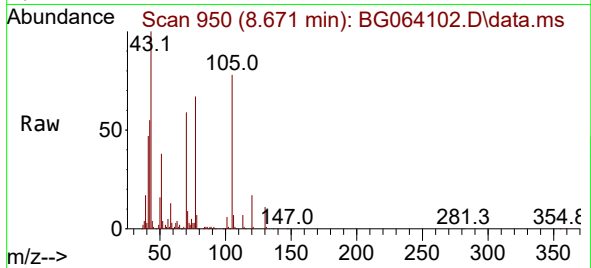




#19
n-Nitroso-di-n-propylamine
Concen: 43.367 ng
RT: 8.671 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

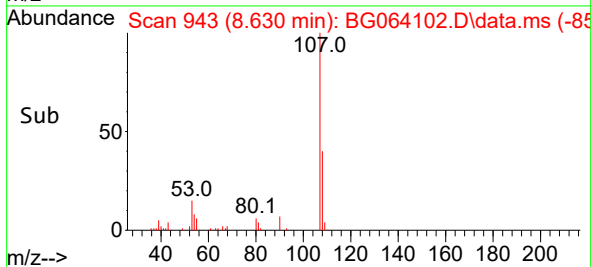
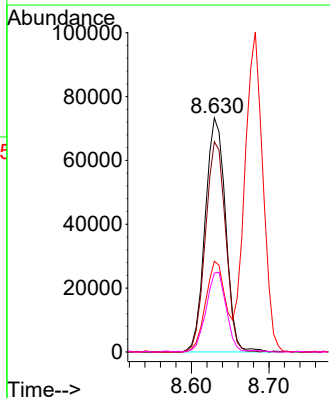
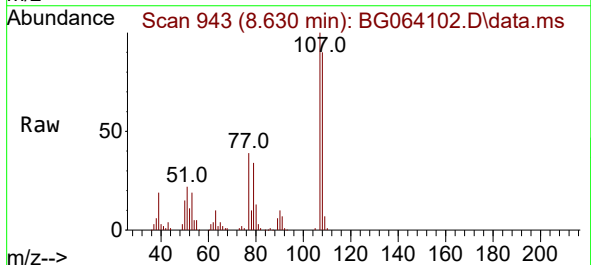
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

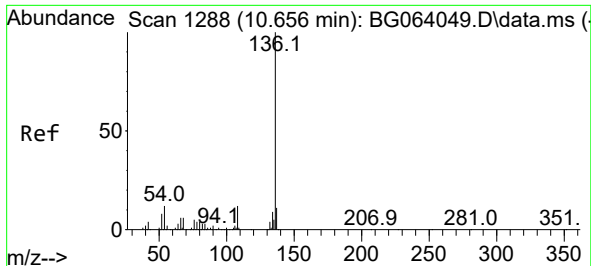
Tgt Ion: 70 Resp: 94983
Ion Ratio Lower Upper
70 100
42 93.0 72.1 108.1
101 9.5 7.2 10.8
130 19.3 14.7 22.1



#20
3+4-Methylphenols
Concen: 45.950 ng
RT: 8.630 min Scan# 943
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion: 107 Resp: 134153
Ion Ratio Lower Upper
107 100
108 89.8 67.0 107.0
77 38.8 11.2 51.2
79 33.7 7.7 47.7

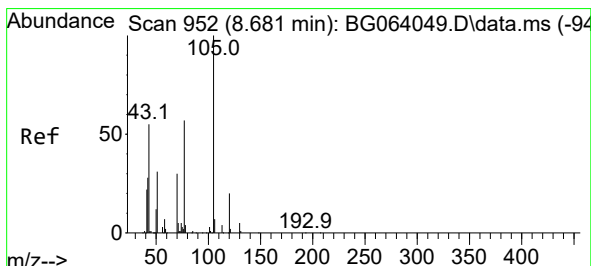
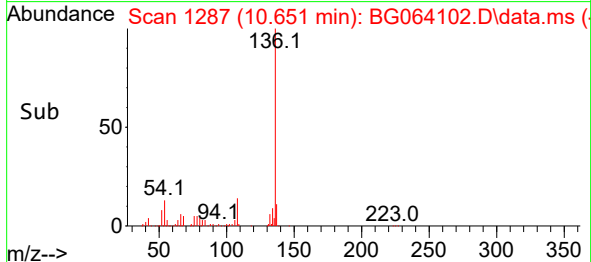
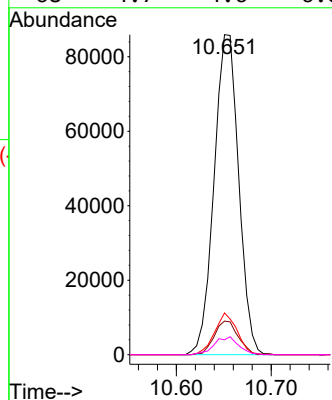
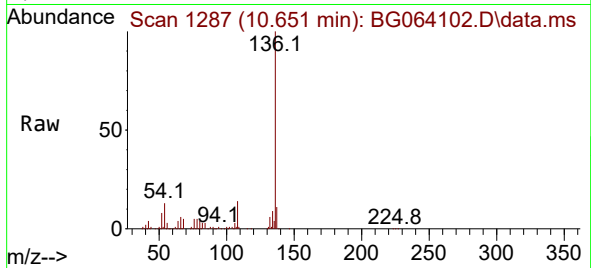




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1287
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

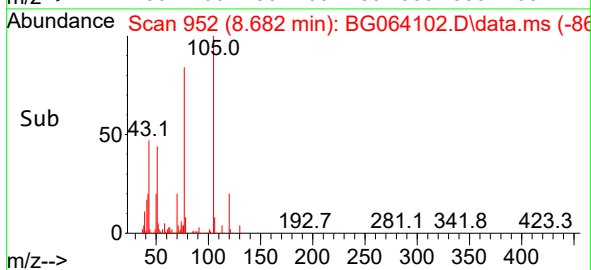
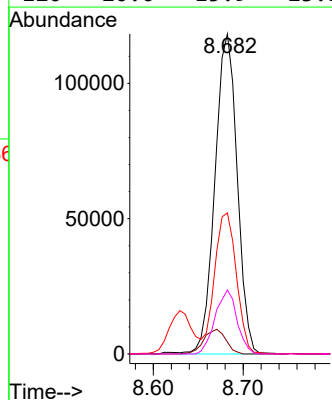
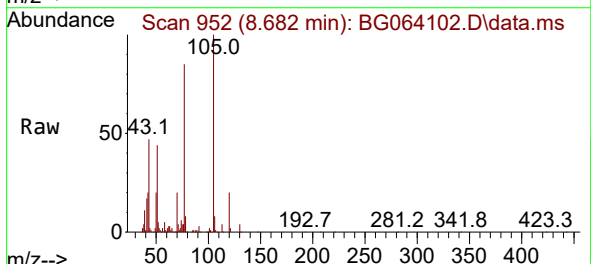
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

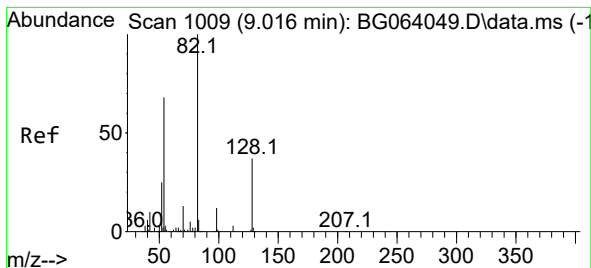
Tgt Ion:136 Resp: 155055
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 13.0 9.9 14.9
68 4.7 4.6 6.8



#22
Acetophenone
Concen: 47.850 ng
RT: 8.682 min Scan# 952
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:105 Resp: 203426
Ion Ratio Lower Upper
105 100
71 3.7 4.2 6.4#
51 44.1 33.3 49.9
120 20.0 15.9 23.9

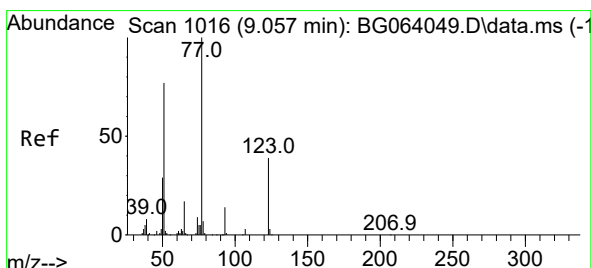
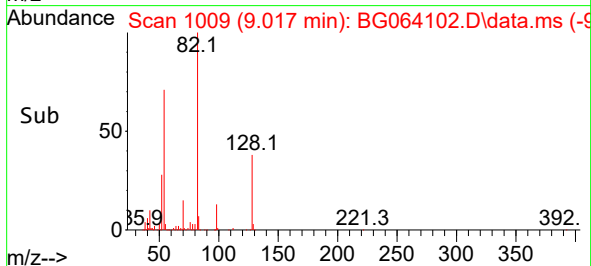
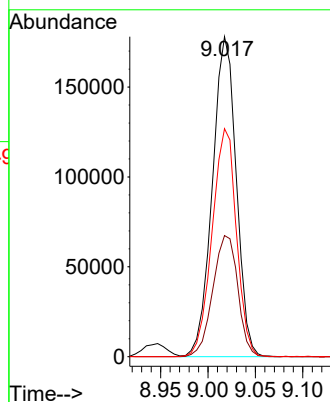
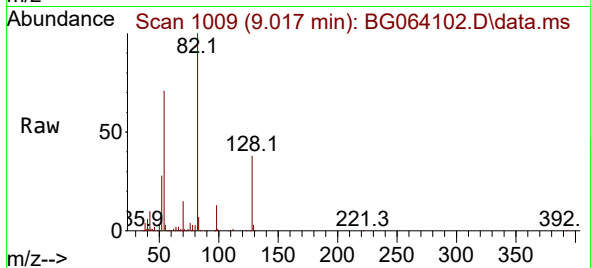




#23
Nitrobenzene-d5
Concen: 111.412 ng
RT: 9.017 min Scan# 1009
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

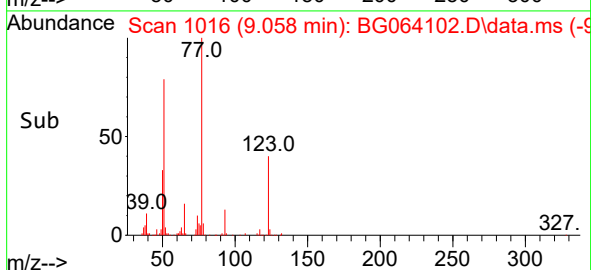
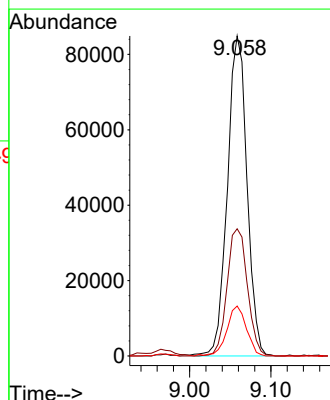
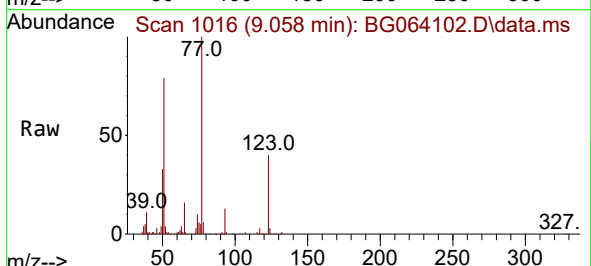
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

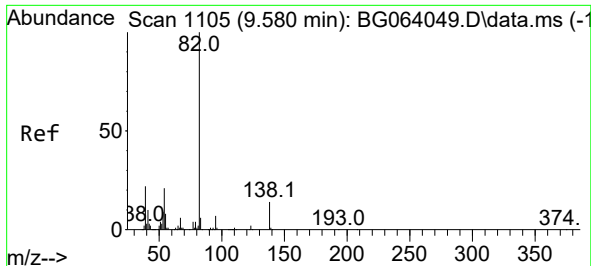
Tgt Ion: 82 Resp: 312601
Ion Ratio Lower Upper
82 100
128 37.8 30.0 45.0
54 71.2 54.7 82.1



#24
Nitrobenzene
Concen: 49.148 ng
RT: 9.058 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion: 77 Resp: 142513
Ion Ratio Lower Upper
77 100
123 39.8 31.4 47.2
65 15.6 13.4 20.0

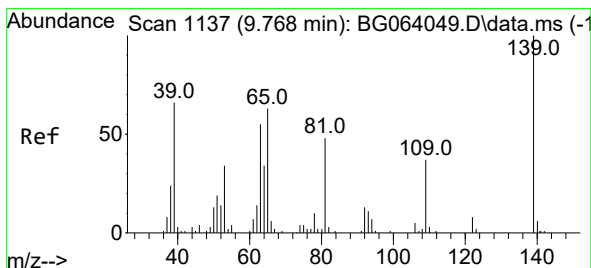
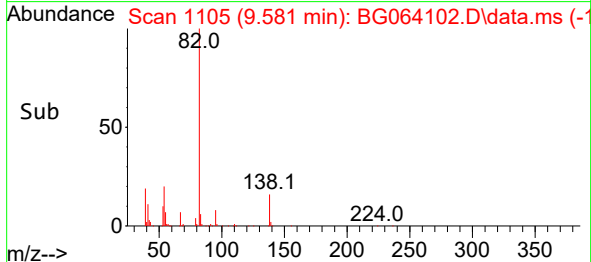
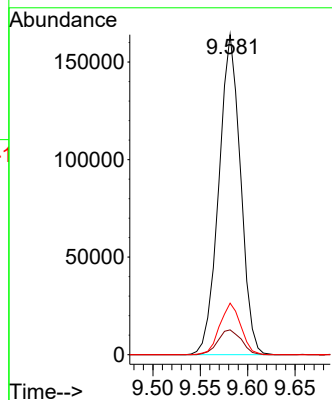
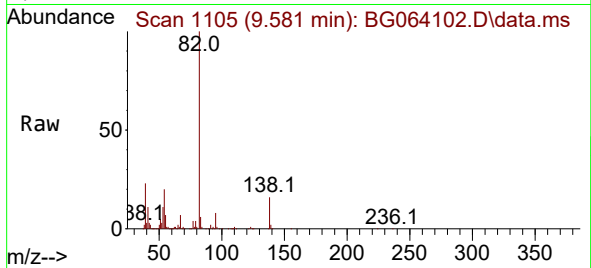




#25
Isophorone
Concen: 46.505 ng
RT: 9.581 min Scan# 1105
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

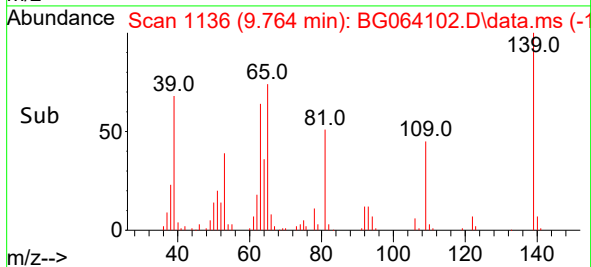
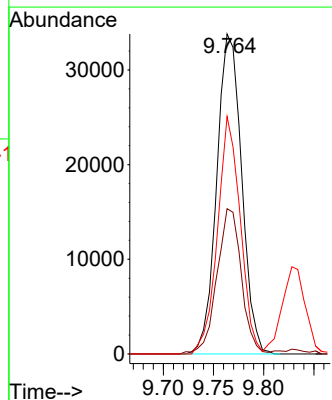
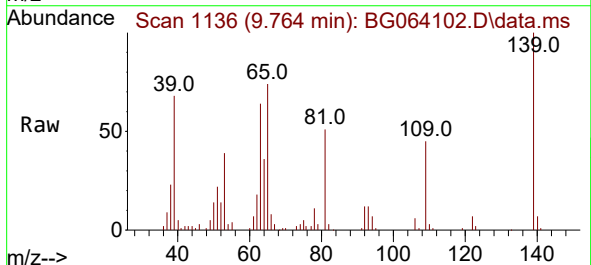
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

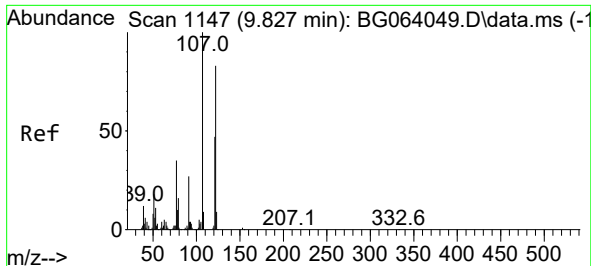
Tgt Ion: 82 Resp: 261171
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 16.1 10.9 16.3



#26
2-Nitrophenol
Concen: 55.989 ng
RT: 9.764 min Scan# 1136
Delta R.T. -0.004 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:139 Resp: 58306
Ion Ratio Lower Upper
139 100
109 45.4 29.9 44.9#
65 74.2 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 62.682 ng

RT: 9.828 min Scan# 1147

Delta R.T. 0.001 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

Instrument :

BNA_G

ClientSampleId :

WC-A2-02-CMSD

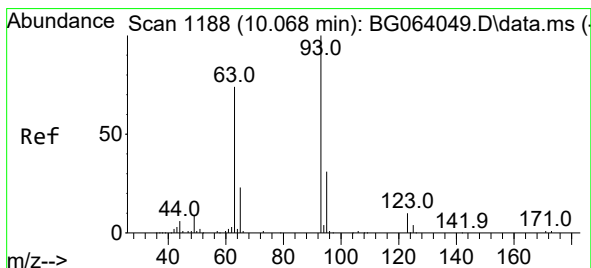
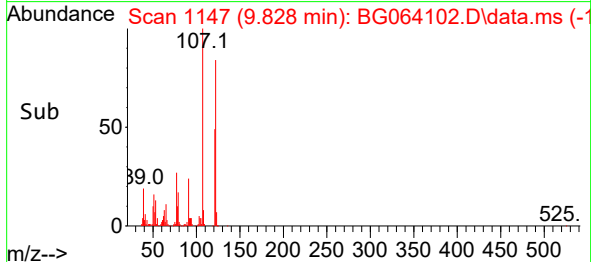
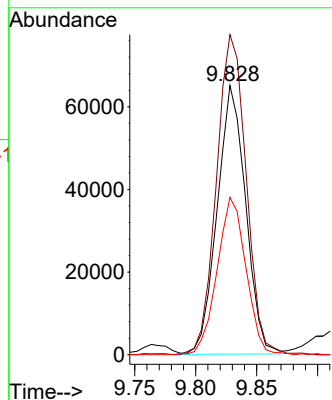
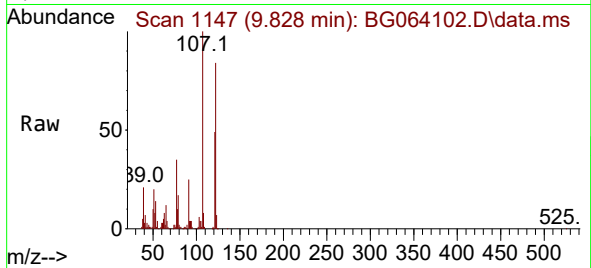
Tgt Ion:122 Resp: 105530

Ion Ratio Lower Upper

122 100

107 118.9 95.4 143.0

121 58.5 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 43.937 ng

RT: 10.063 min Scan# 1187

Delta R.T. -0.005 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

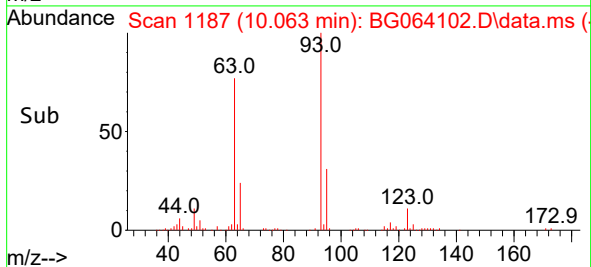
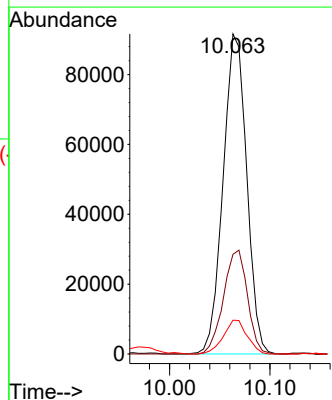
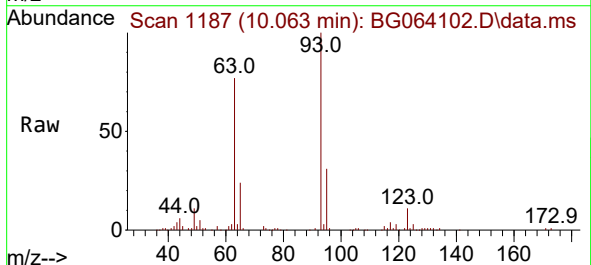
Tgt Ion: 93 Resp: 149599

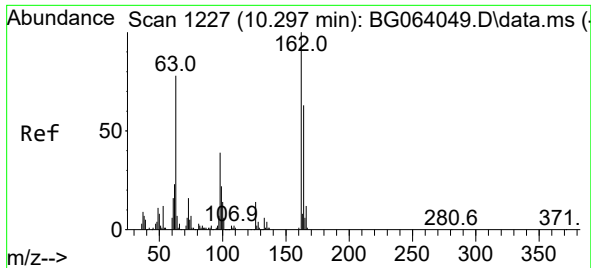
Ion Ratio Lower Upper

93 100

95 31.2 25.0 37.4

123 10.5 7.6 11.4

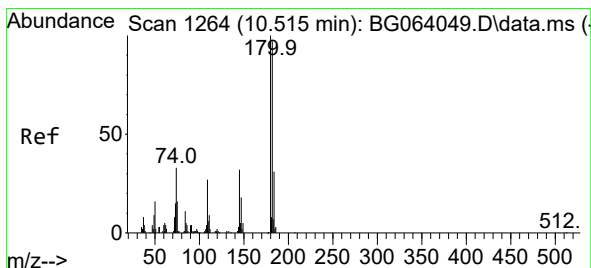
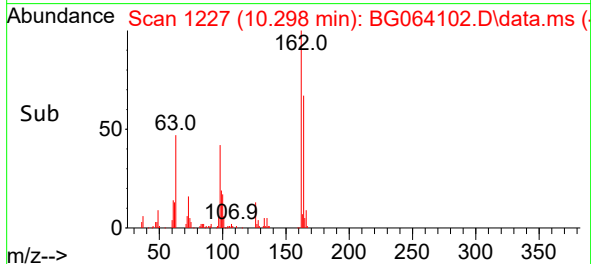
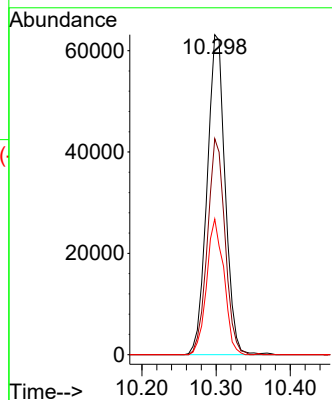
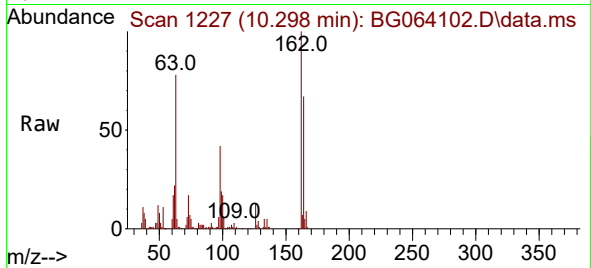




#29
2,4-Dichlorophenol
Concen: 50.228 ng
RT: 10.298 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

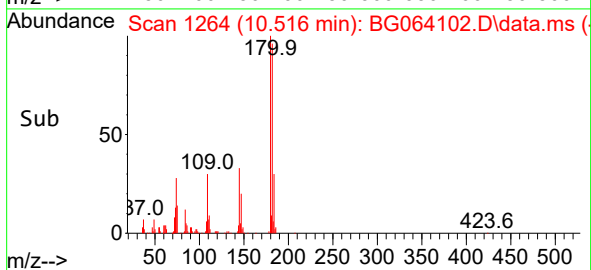
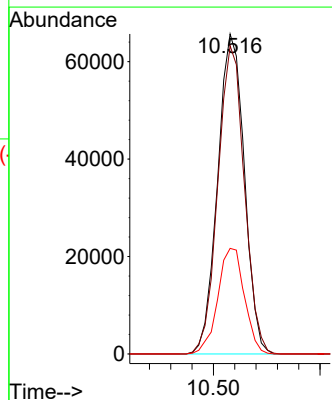
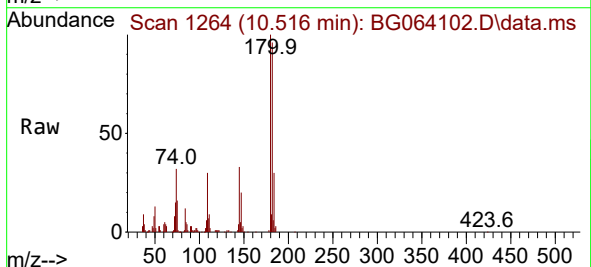
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

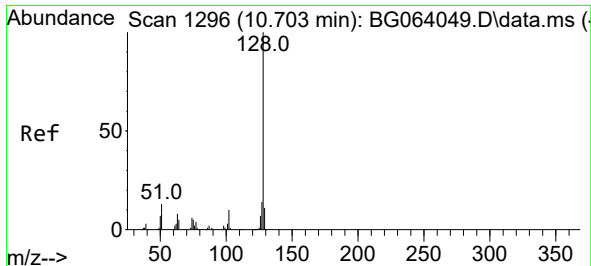
Tgt Ion:162 Resp: 106779
Ion Ratio Lower Upper
162 100
164 67.5 42.8 82.8
98 42.4 19.1 59.1



#30
1,2,4-Trichlorobenzene
Concen: 44.385 ng
RT: 10.516 min Scan# 1264
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:180 Resp: 113906
Ion Ratio Lower Upper
180 100
182 96.3 77.3 115.9
145 33.0 25.2 37.8

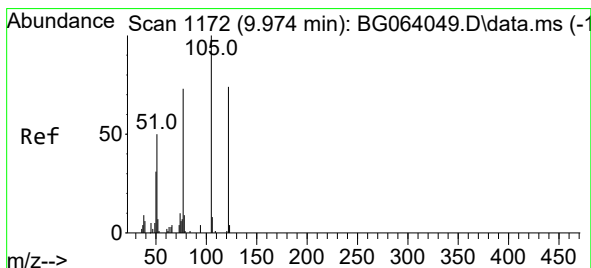
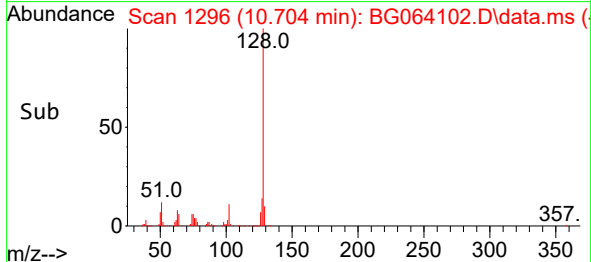
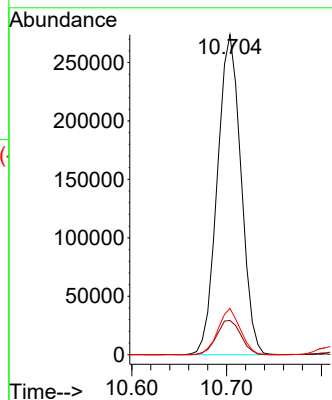
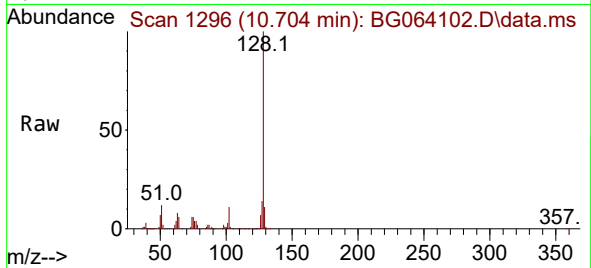




#31
Naphthalene
Concen: 56.802 ng
RT: 10.704 min Scan# 1296
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

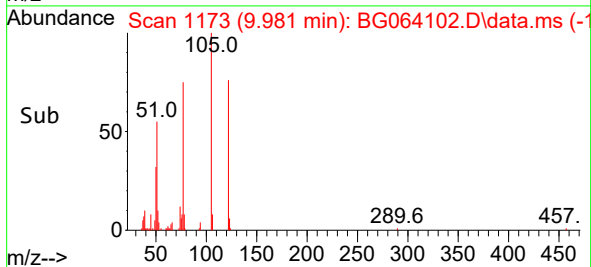
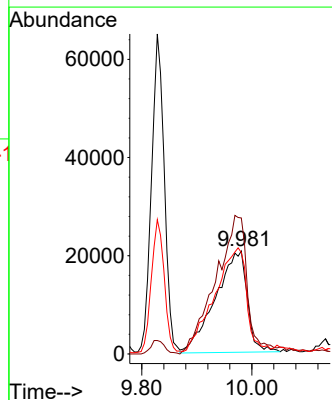
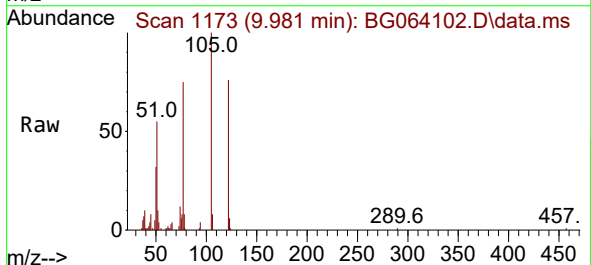
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

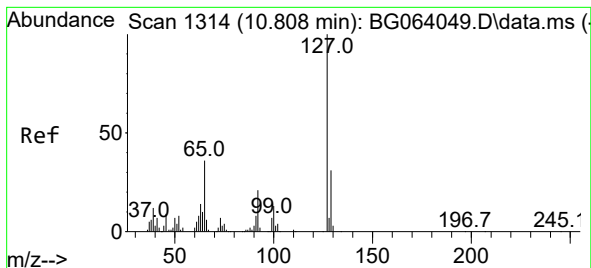
Tgt Ion:128 Resp: 474924
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 14.4 11.1 16.7



#32
Benzoic acid
Concen: 52.629 ng
RT: 9.981 min Scan# 1173
Delta R.T. 0.007 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:122 Resp: 82947
Ion Ratio Lower Upper
122 100
105 132.0 115.0 155.0
77 98.5 80.9 120.9

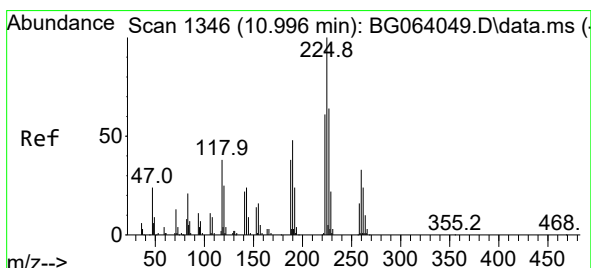
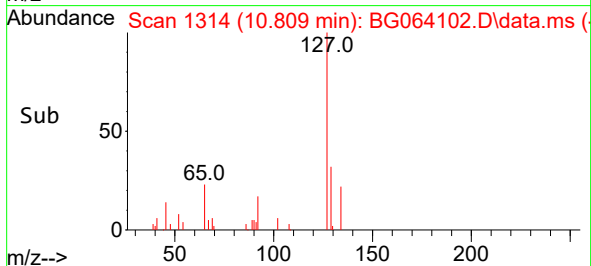
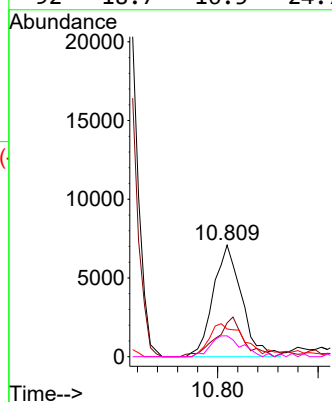
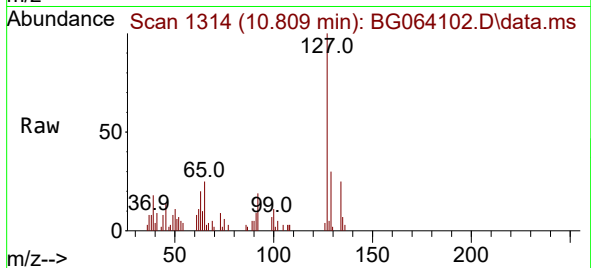




#33
4-Chloroaniline
Concen: 4.572 ng
RT: 10.809 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

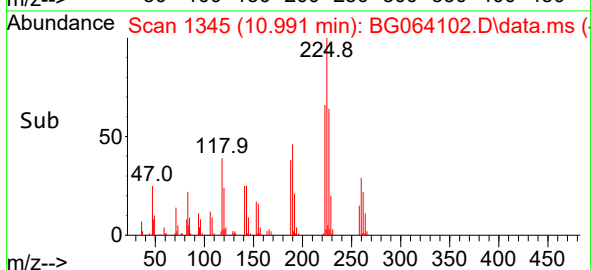
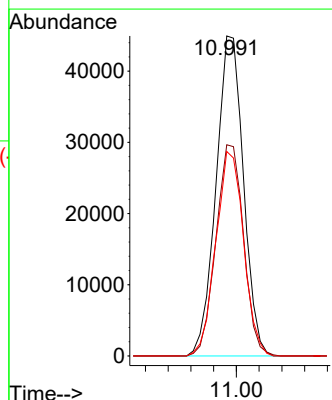
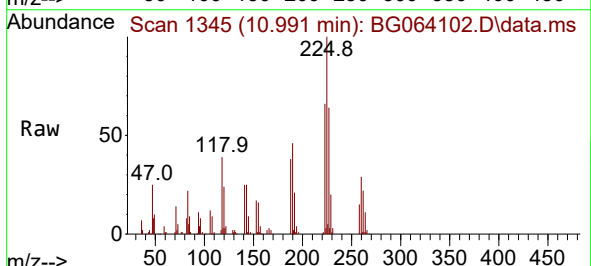
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

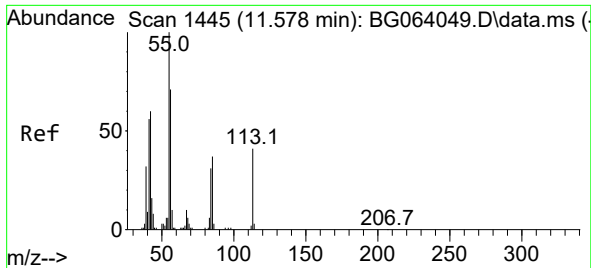
Tgt Ion:	127	Resp:	13973
Ion	Ratio	Lower	Upper
127	100		
129	30.2	25.0	37.4
65	24.8	28.5	42.7#
92	18.7	16.5	24.7



#34
Hexachlorobutadiene
Concen: 44.692 ng
RT: 10.991 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:	225	Resp:	75178
Ion	Ratio	Lower	Upper
225	100		
223	66.0	48.5	72.7
227	67.2	51.0	76.6

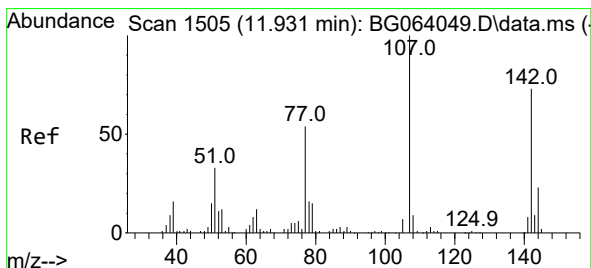
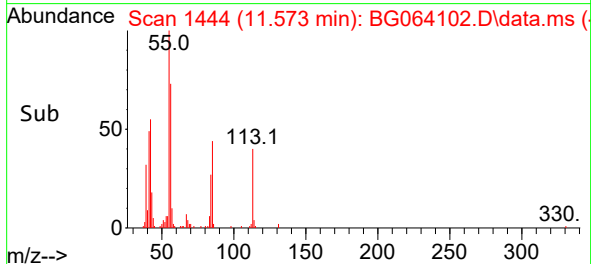
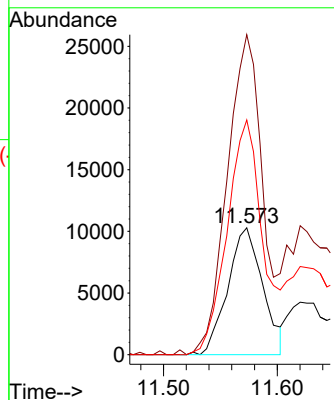
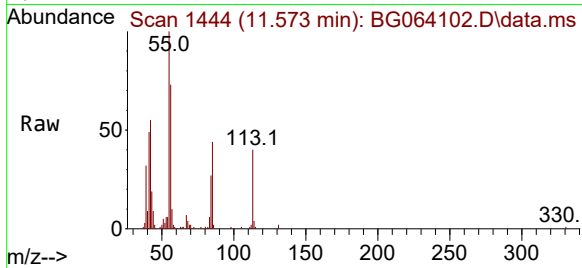




#35
Caprolactam
Concen: 26.978 ng
RT: 11.573 min Scan# 1444
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

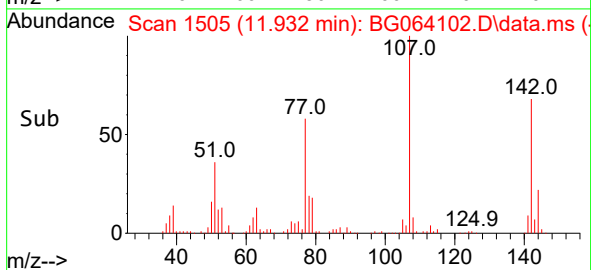
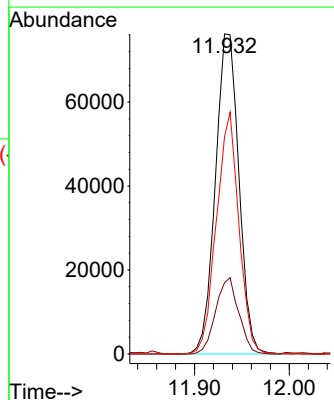
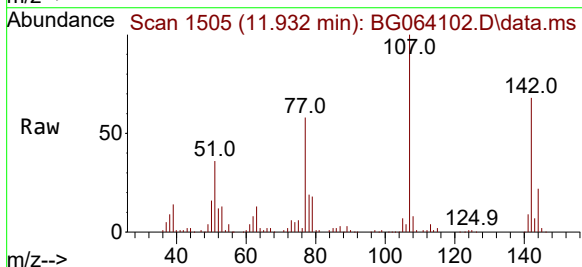
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

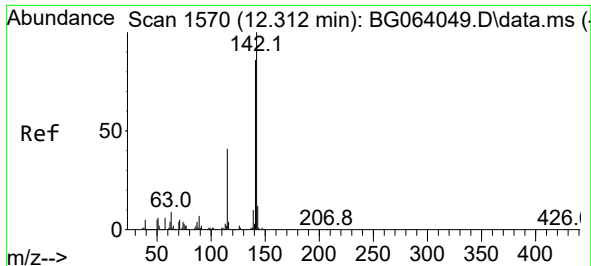
Tgt Ion:113 Resp: 21978
Ion Ratio Lower Upper
113 100
55 252.3 225.2 265.2
56 185.0 153.4 193.4



#36
4-Chloro-3-methylphenol
Concen: 47.191 ng
RT: 11.932 min Scan# 1505
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:107 Resp: 131503
Ion Ratio Lower Upper
107 100
144 22.3 18.6 28.0
142 67.8 58.0 87.0





#37

2-Methylnaphthalene

Concen: 50.329 ng

RT: 12.313 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

Instrument :

BNA_G

ClientSampleId :

WC-A2-02-CMSD

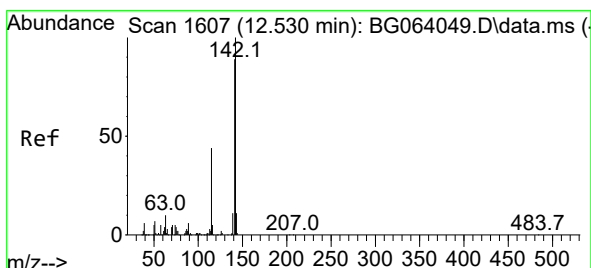
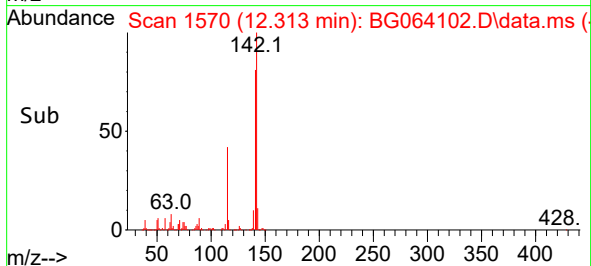
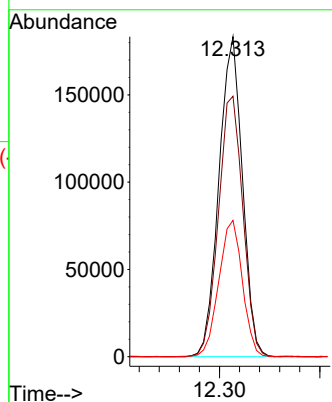
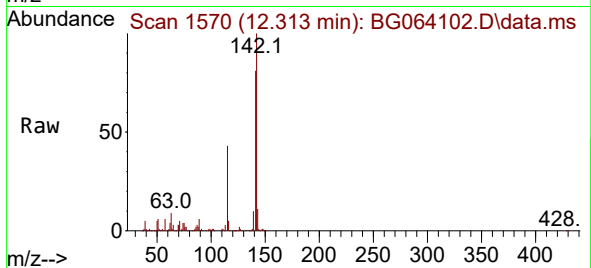
Tgt Ion:142 Resp: 297071

Ion Ratio Lower Upper

142 100

141 81.4 68.6 103.0

115 42.6 32.8 49.2



#38

1-Methylnaphthalene

Concen: 50.084 ng

RT: 12.531 min Scan# 1607

Delta R.T. 0.001 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

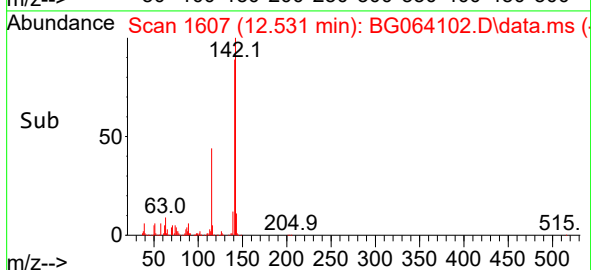
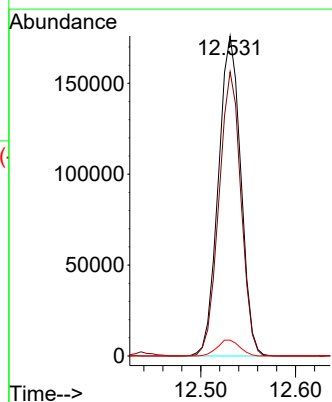
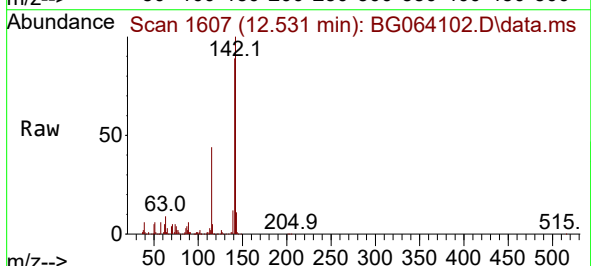
Tgt Ion:142 Resp: 289622

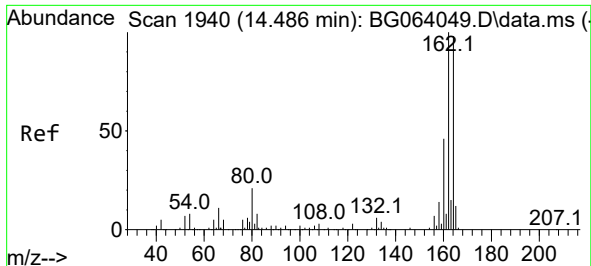
Ion Ratio Lower Upper

142 100

141 88.8 71.2 106.8

116 5.0 3.6 5.4

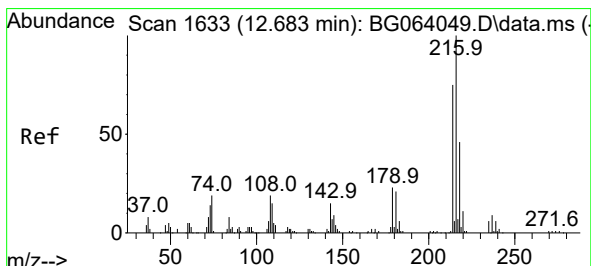
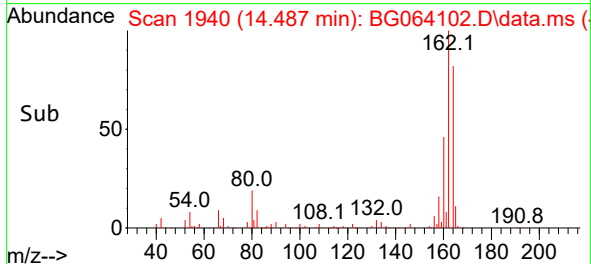
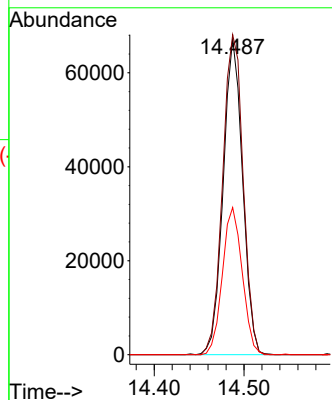
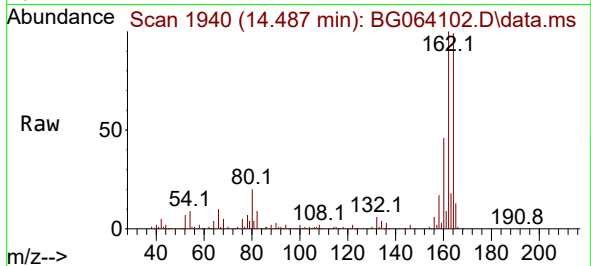




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1940
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

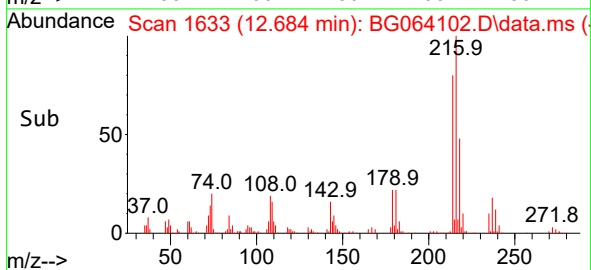
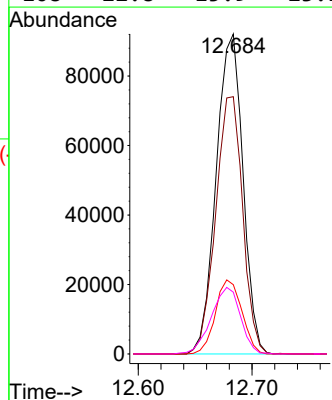
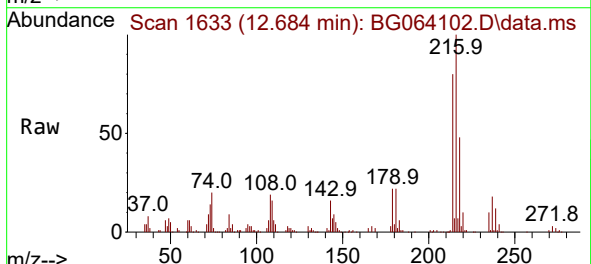
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

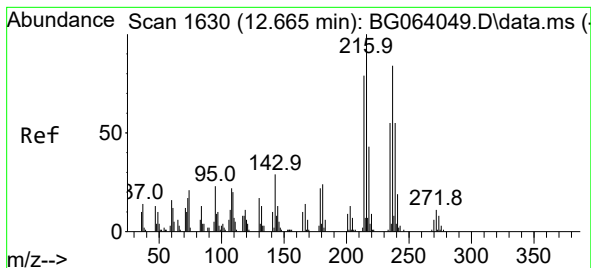
Tgt Ion:164 Resp: 100787
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 46.6 37.0 55.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.330 ng
RT: 12.684 min Scan# 1633
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:216 Resp: 150573
Ion Ratio Lower Upper
216 100
214 81.2 61.7 92.5
179 22.9 17.9 26.9
108 22.8 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 165.447 ng

RT: 12.666 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

Instrument :

BNA_G

ClientSampleId :

WC-A2-02-CMSD

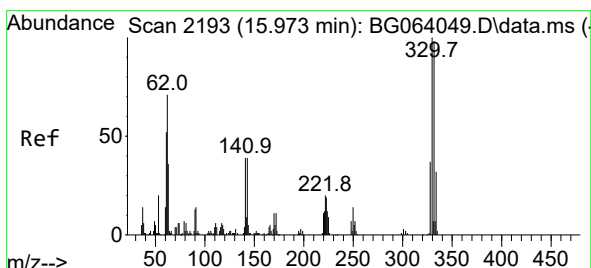
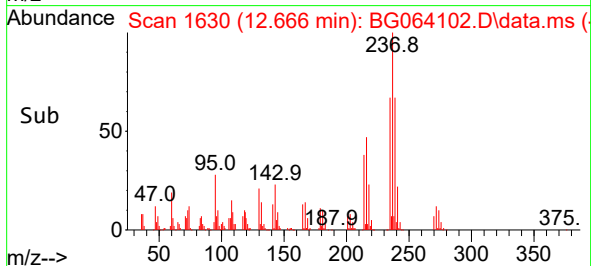
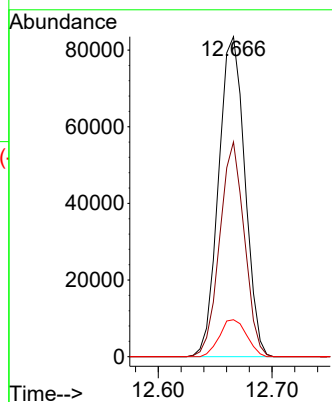
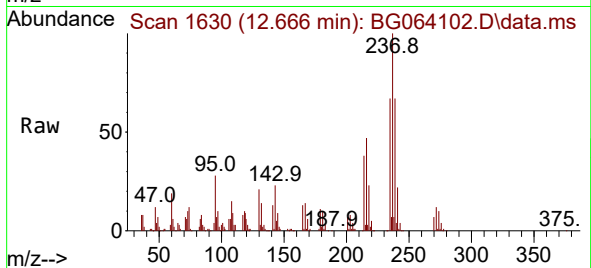
Tgt Ion:237 Resp: 133987

Ion Ratio Lower Upper

237 100

235 67.1 46.0 86.0

272 11.5 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 172.600 ng

RT: 15.974 min Scan# 2193

Delta R.T. 0.001 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

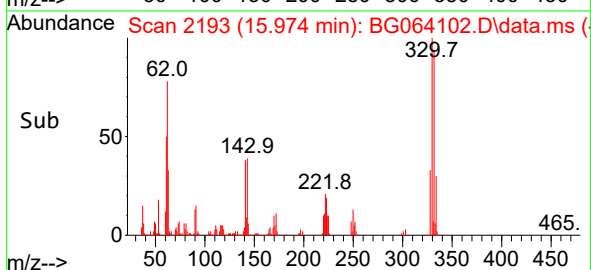
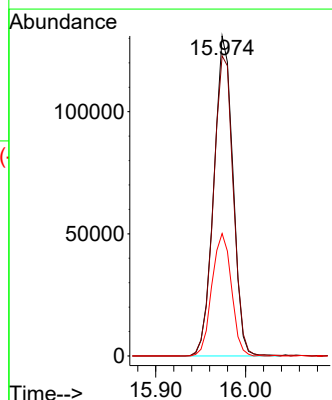
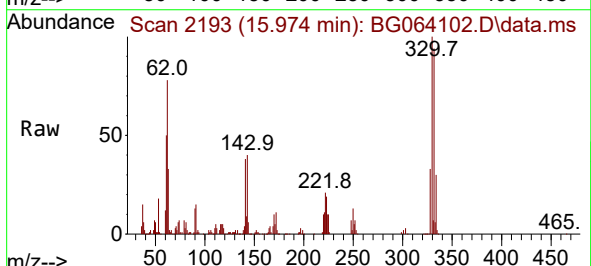
Tgt Ion:330 Resp: 193367

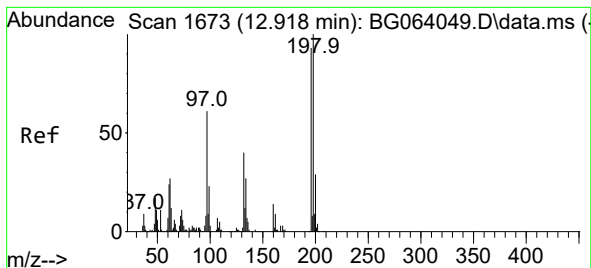
Ion Ratio Lower Upper

330 100

332 97.6 76.7 115.1

141 39.0 29.7 44.5





#43

2,4,6-Trichlorophenol

Concen: 54.297 ng

RT: 12.919 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

Instrument :

BNA_G

ClientSampleId :

WC-A2-02-CMSD

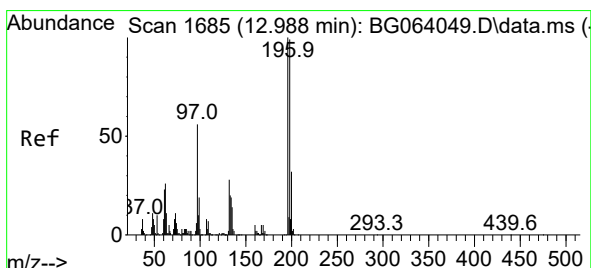
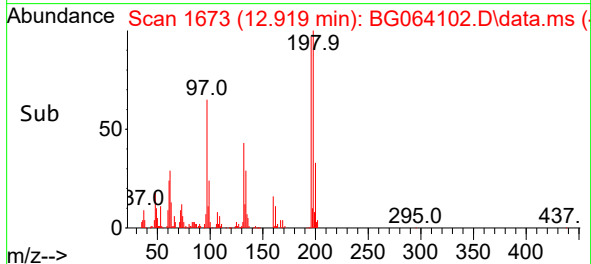
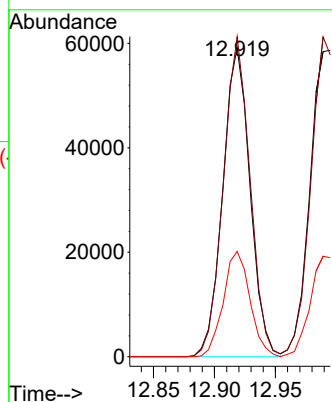
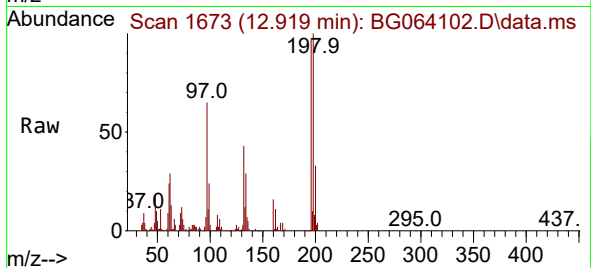
Tgt Ion:196 Resp: 92079

Ion Ratio Lower Upper

196 100

198 103.6 85.6 128.4

200 34.1 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 54.420 ng

RT: 12.995 min Scan# 1686

Delta R.T. 0.007 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

Tgt Ion:196 Resp: 102544

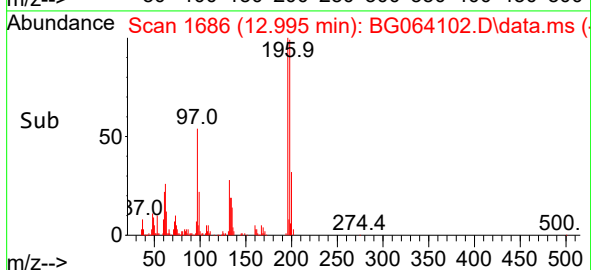
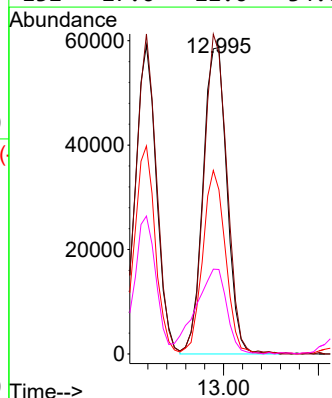
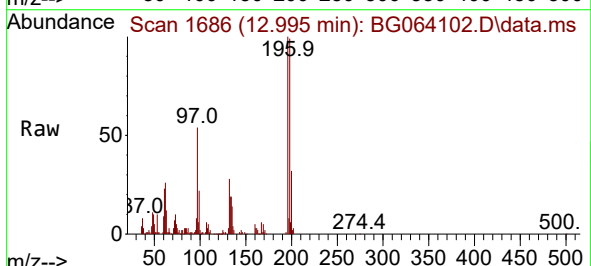
Ion Ratio Lower Upper

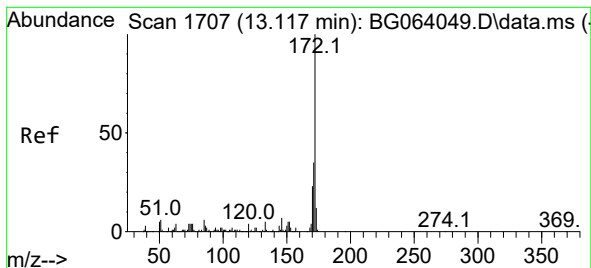
196 100

198 98.5 79.5 119.3

97 53.6 45.2 67.8

132 27.6 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 102.494 ng

RT: 13.113 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

Instrument :

BNA_G

ClientSampleId :

WC-A2-02-CMSD

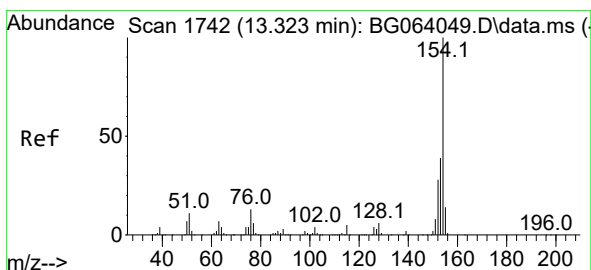
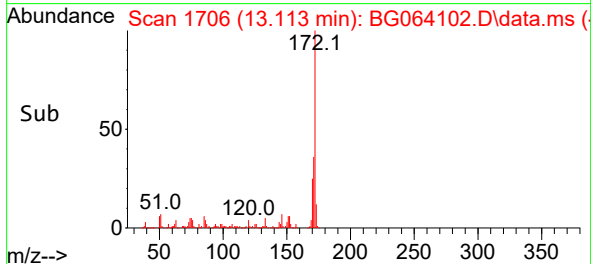
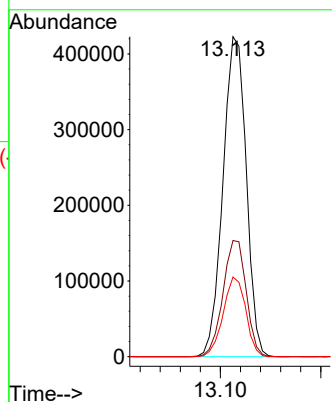
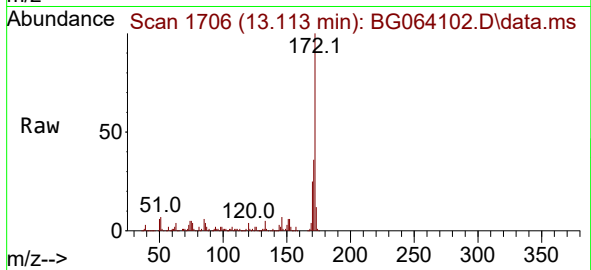
Tgt Ion:172 Resp: 680559

Ion Ratio Lower Upper

172 100

171 36.3 28.0 42.0

170 24.9 18.7 28.1



#46

1,1'-Biphenyl

Concen: 53.447 ng

RT: 13.324 min Scan# 1742

Delta R.T. 0.001 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

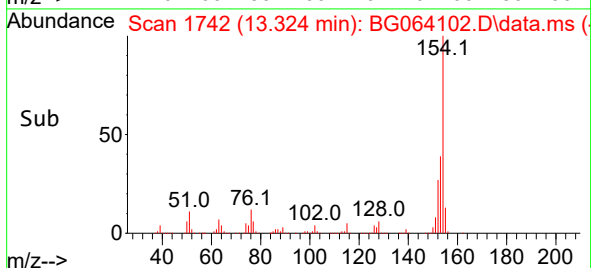
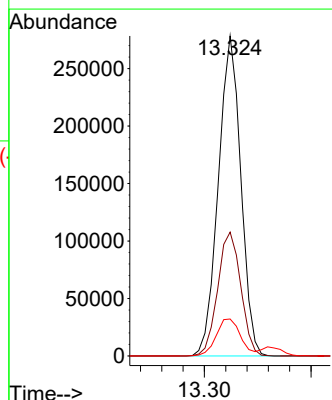
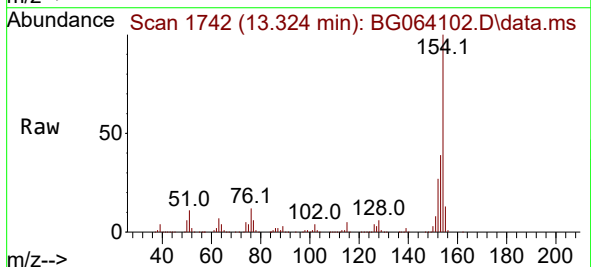
Tgt Ion:154 Resp: 406978

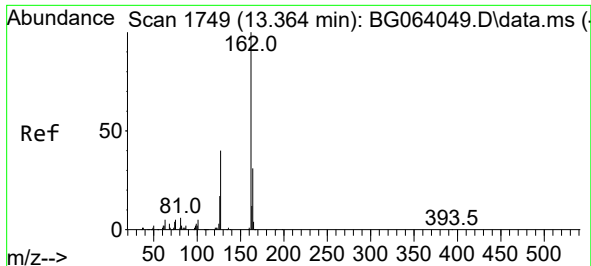
Ion Ratio Lower Upper

154 100

153 38.7 19.5 59.5

76 11.5 0.0 33.5

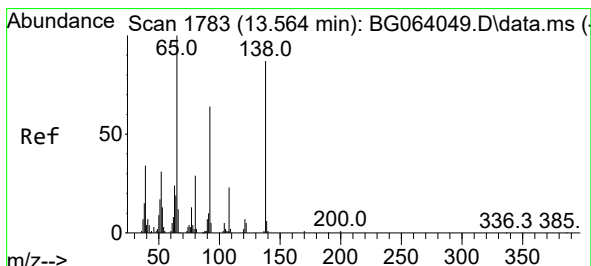
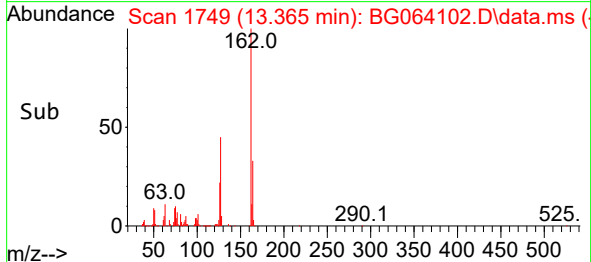
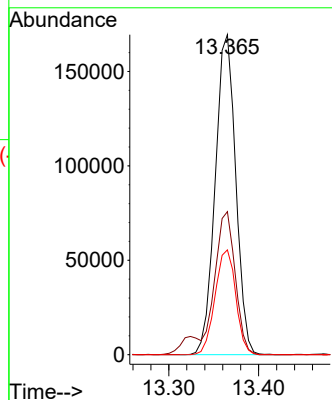
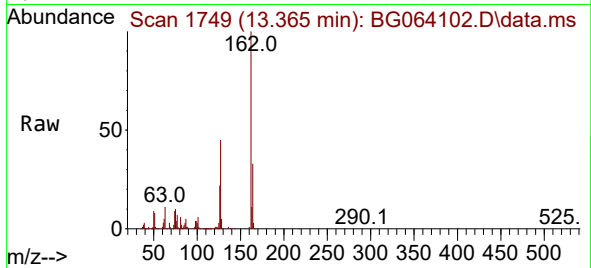




#47
2-Chloronaphthalene
Concen: 48.433 ng
RT: 13.365 min Scan# 1749
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

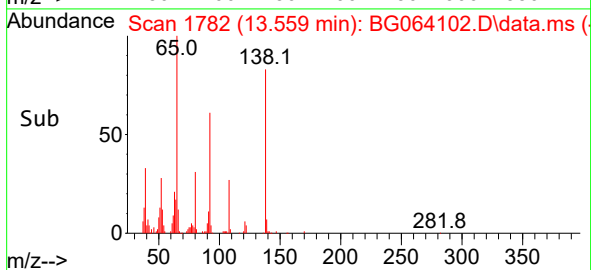
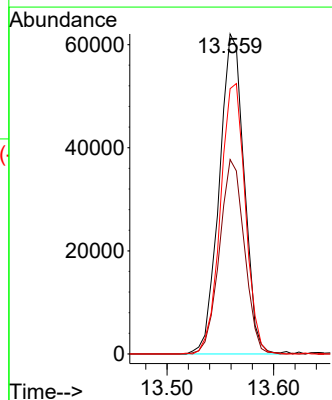
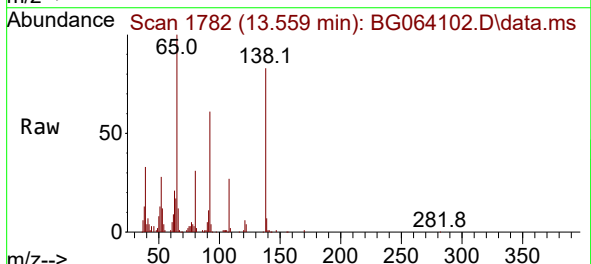
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

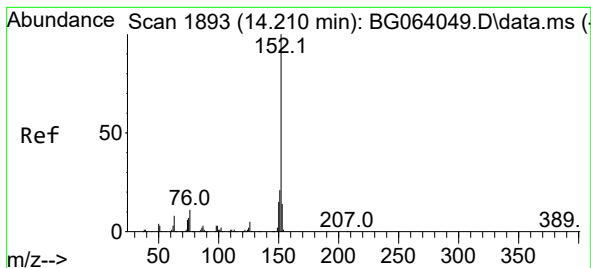
Tgt Ion:162 Resp: 268971
Ion Ratio Lower Upper
162 100
127 44.7 35.0 52.4
164 32.7 25.0 37.6



#48
2-Nitroaniline
Concen: 53.278 ng
RT: 13.559 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion: 65 Resp: 100459
Ion Ratio Lower Upper
65 100
92 60.8 51.2 76.8
138 82.9 69.4 104.2





#49

Acenaphthylene

Concen: 49.479 ng

RT: 14.211 min Scan# 1893

Delta R.T. 0.001 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

Instrument :

BNA_G

ClientSampleId :

WC-A2-02-CMSD

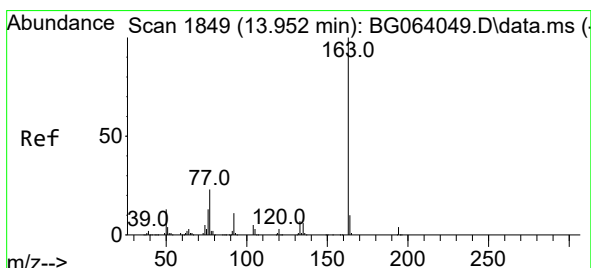
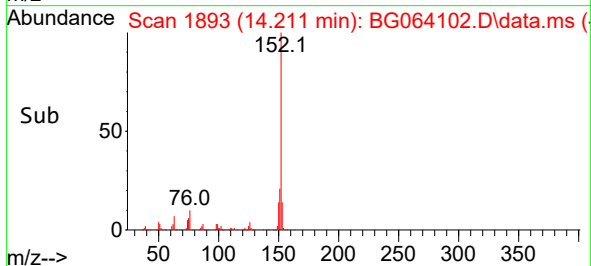
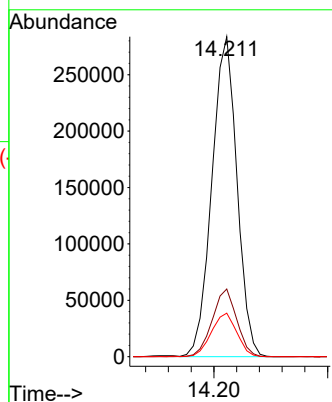
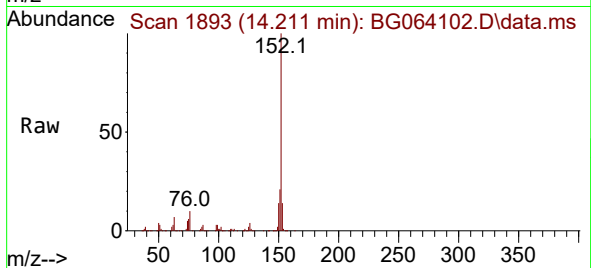
Tgt Ion:152 Resp: 434625

Ion Ratio Lower Upper

152 100

151 21.2 16.4 24.6

153 13.6 10.9 16.3



#50

Dimethylphthalate

Concen: 44.983 ng

RT: 13.953 min Scan# 1849

Delta R.T. 0.001 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

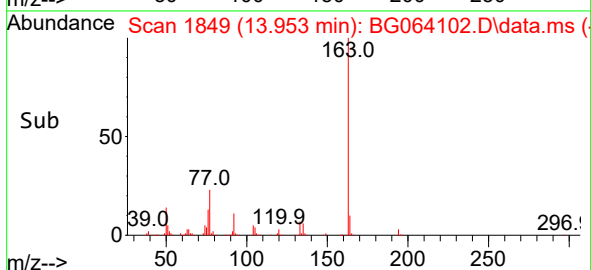
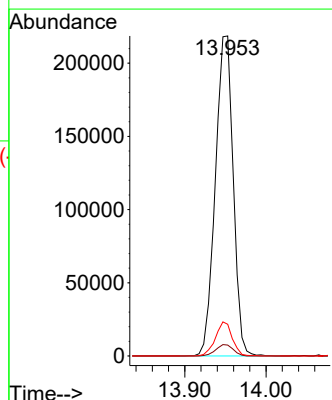
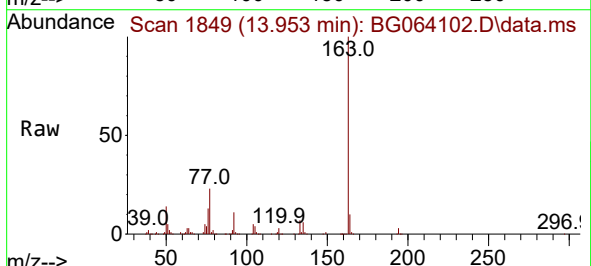
Tgt Ion:163 Resp: 334665

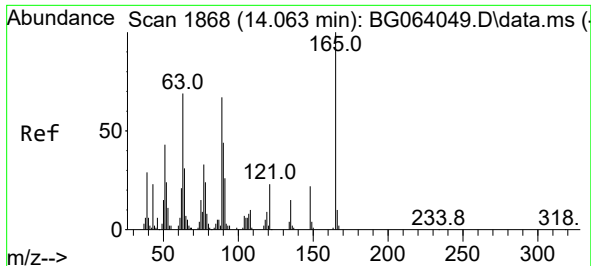
Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

164 9.9 8.2 12.2

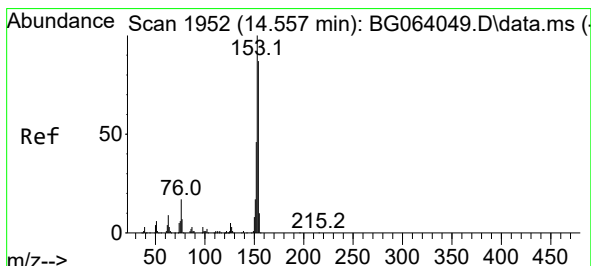
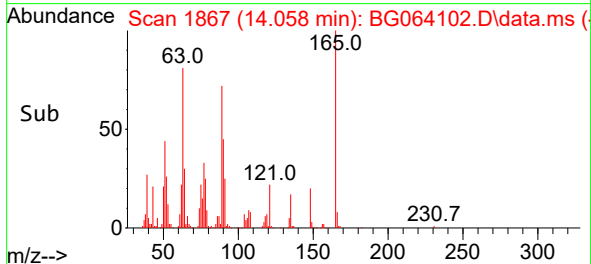
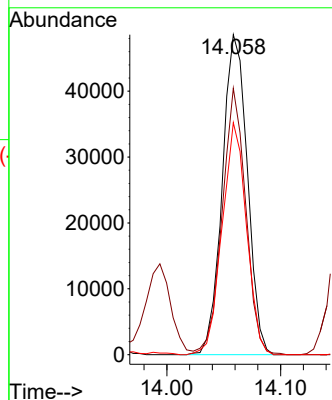
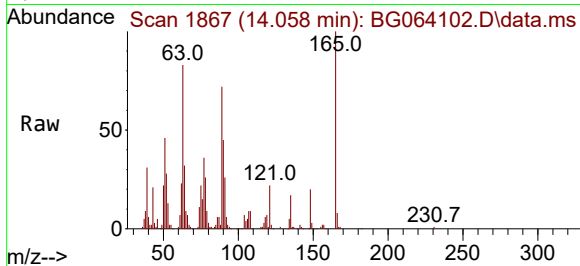




#51
2,6-Dinitrotoluene
Concen: 49.140 ng
RT: 14.058 min Scan# 1867
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

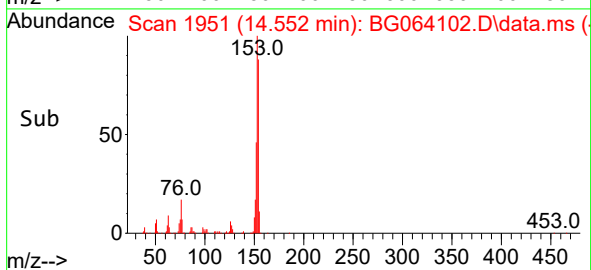
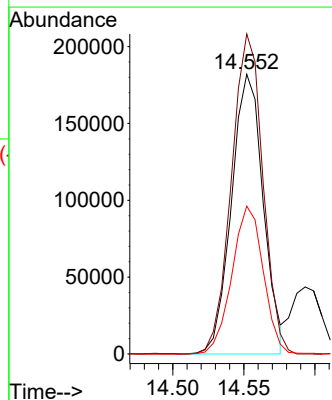
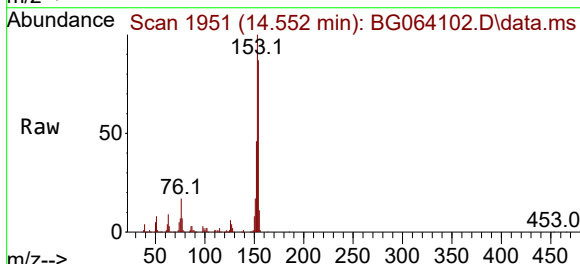
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

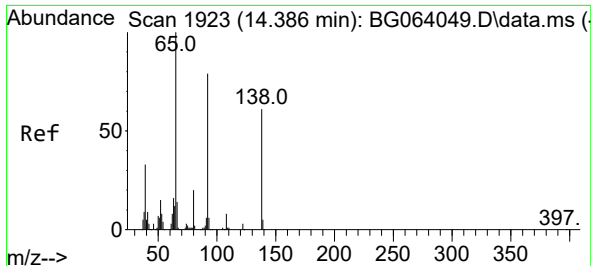
Tgt Ion:165 Resp: 74298
Ion Ratio Lower Upper
165 100
63 83.3 56.7 85.1
89 72.5 53.7 80.5



#52
Acenaphthene
Concen: 47.995 ng
RT: 14.552 min Scan# 1951
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:154 Resp: 282934
Ion Ratio Lower Upper
154 100
153 114.4 91.6 137.4
152 52.9 42.5 63.7

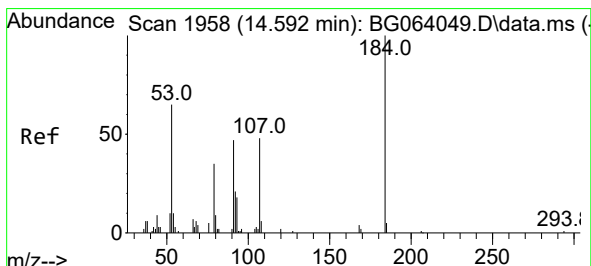
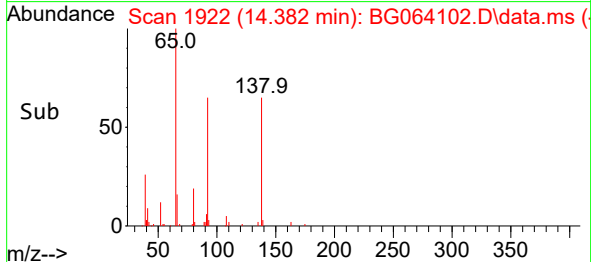
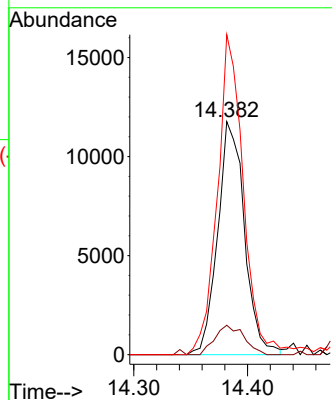
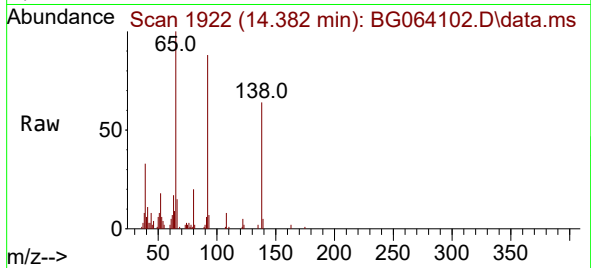




#53
3-Nitroaniline
Concen: 13.383 ng
RT: 14.382 min Scan# 1922
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

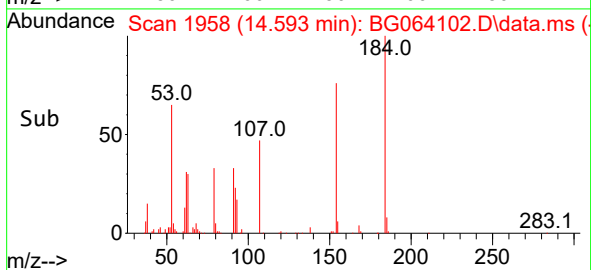
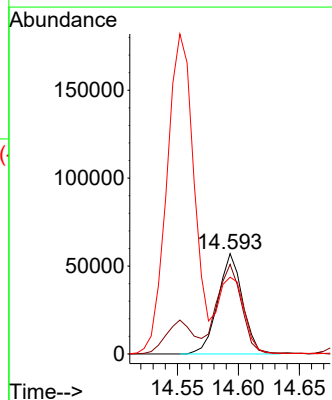
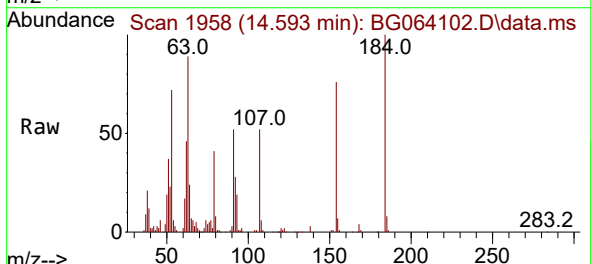
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

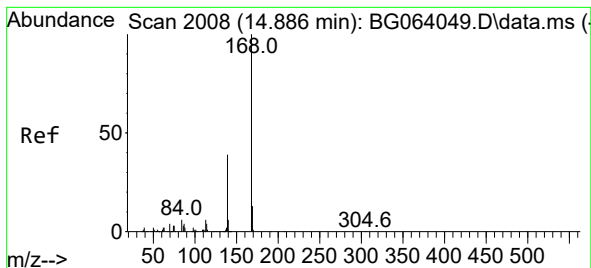
Tgt Ion:138 Resp: 19243
Ion Ratio Lower Upper
138 100
108 12.6 10.1 15.1
92 137.3 104.1 156.1



#54
2,4-Dinitrophenol
Concen: 122.845 ng
RT: 14.593 min Scan# 1958
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:184 Resp: 80253
Ion Ratio Lower Upper
184 100
63 89.3 57.5 86.3#
154 76.5 52.3 78.5

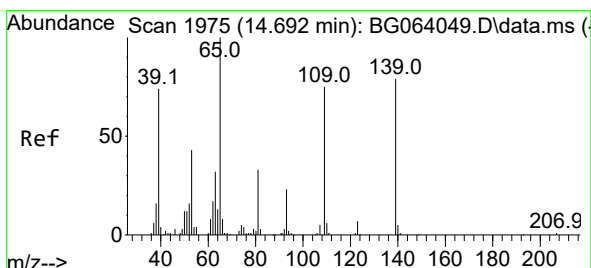
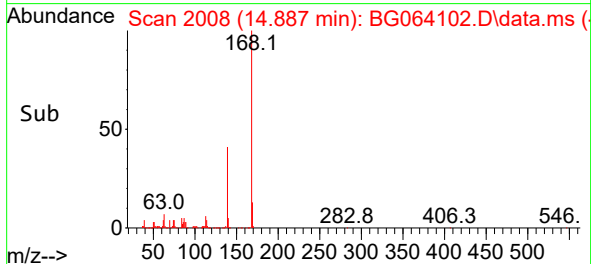
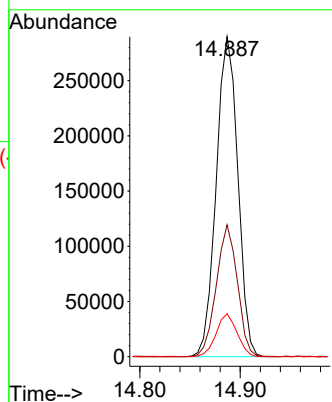
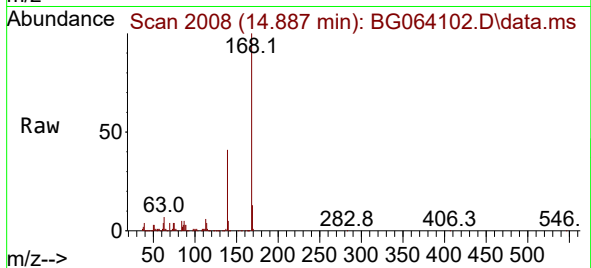




#55
Dibenzofuran
Concen: 45.276 ng
RT: 14.887 min Scan# 2008
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

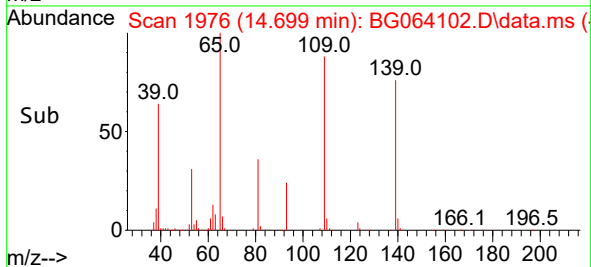
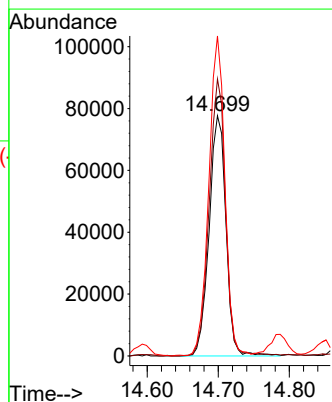
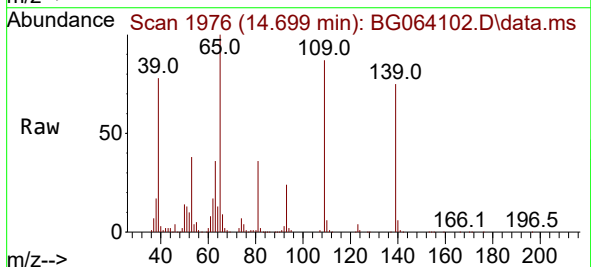
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

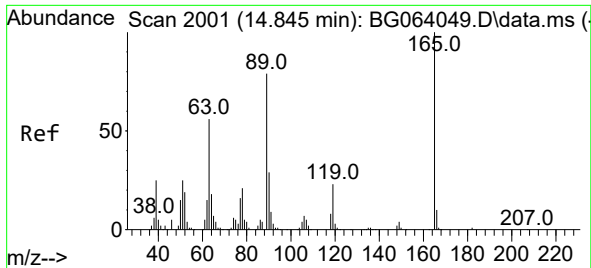
Tgt Ion:168 Resp: 432382
Ion Ratio Lower Upper
168 100
139 41.2 31.1 46.7
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 106.127 ng
RT: 14.699 min Scan# 1976
Delta R.T. 0.007 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:139 Resp: 127982
Ion Ratio Lower Upper
139 100
109 115.3 74.9 114.9#
65 133.2 106.8 146.8

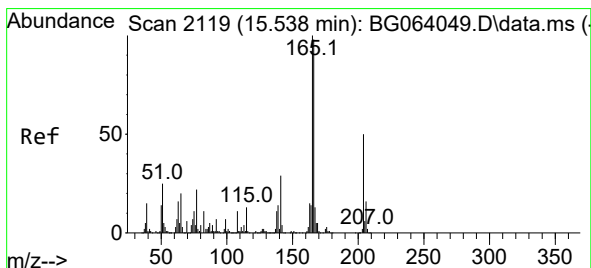
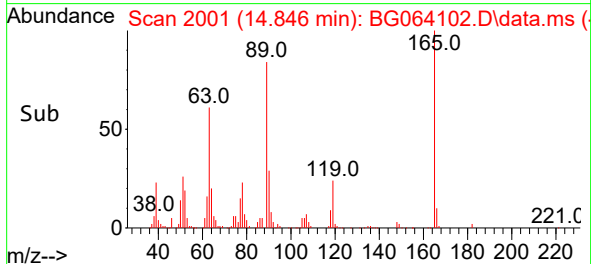
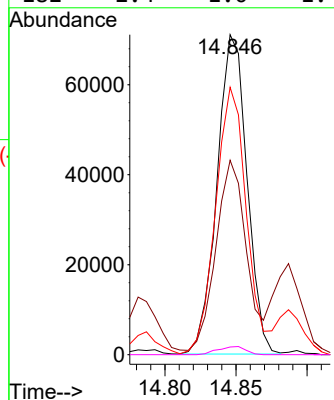
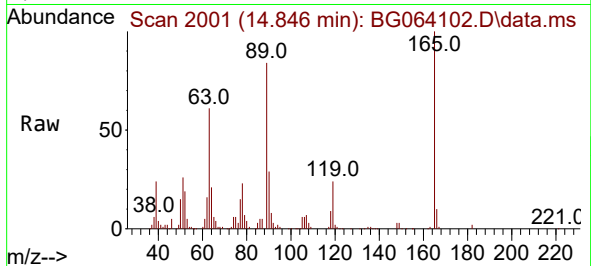




#57
2,4-Dinitrotoluene
Concen: 49.924 ng
RT: 14.846 min Scan# 2001
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

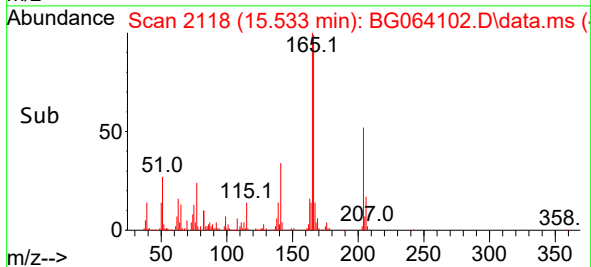
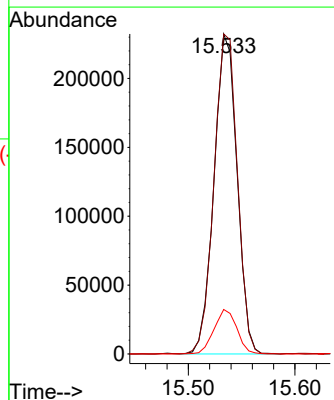
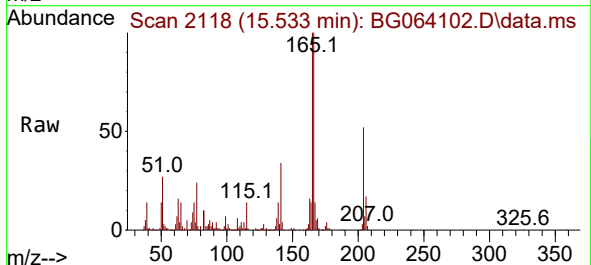
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

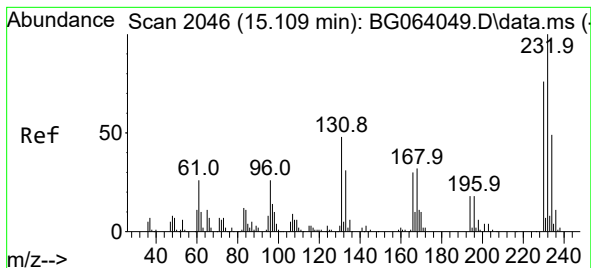
Tgt Ion:165 Resp: 104301
Ion Ratio Lower Upper
165 100
63 60.8 45.0 67.6
89 83.5 63.1 94.7
182 2.4 1.0 1.4#



#58
Fluorene
Concen: 46.822 ng
RT: 15.533 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:166 Resp: 348267
Ion Ratio Lower Upper
166 100
165 100.1 81.8 122.8
167 13.9 10.8 16.2

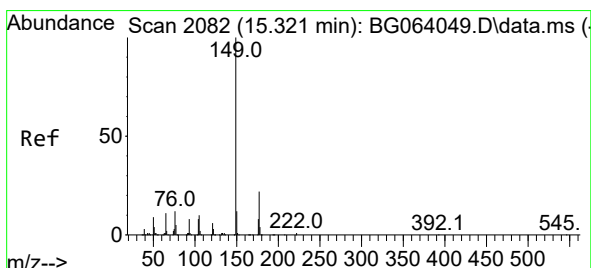
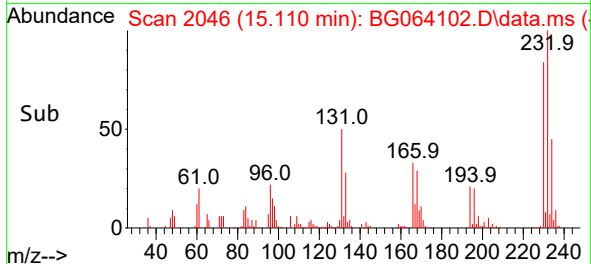
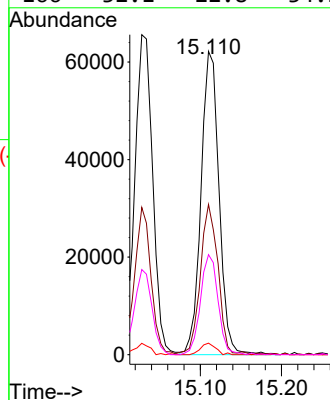
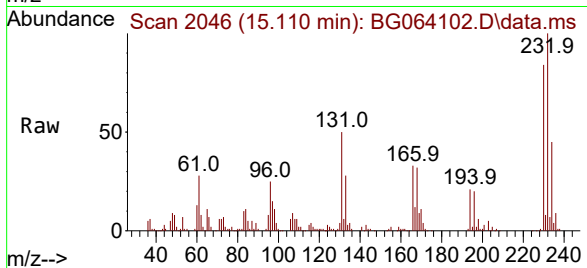




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.302 ng
RT: 15.110 min Scan# 2046
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

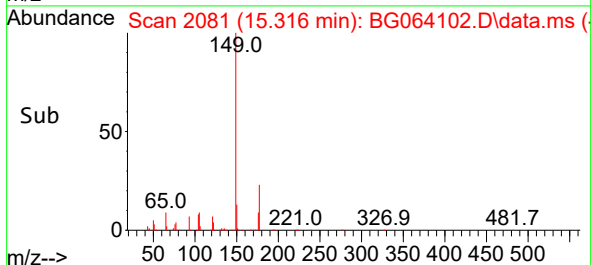
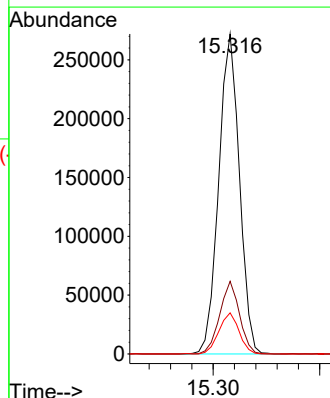
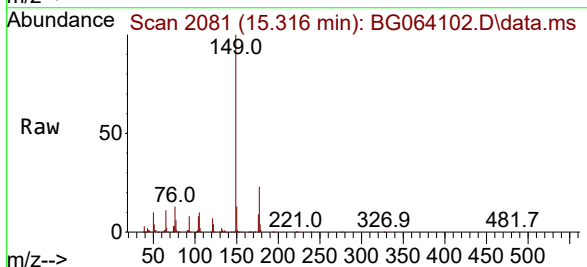
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

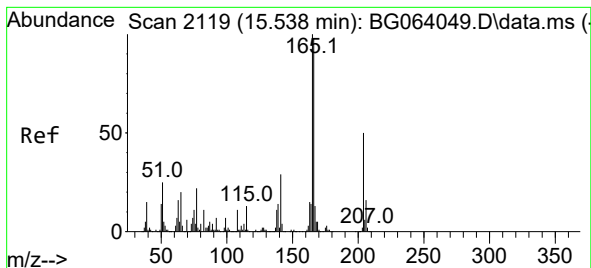
Tgt Ion:232 Resp: 96080
Ion Ratio Lower Upper
232 100
131 47.1 36.3 54.5
130 3.2 1.9 2.9#
166 32.1 22.8 34.2



#60
Diethylphthalate
Concen: 45.304 ng
RT: 15.316 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:149 Resp: 365904
Ion Ratio Lower Upper
149 100
177 22.7 17.4 26.2
150 12.8 9.4 14.2

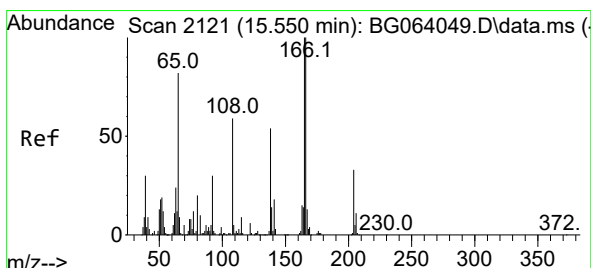
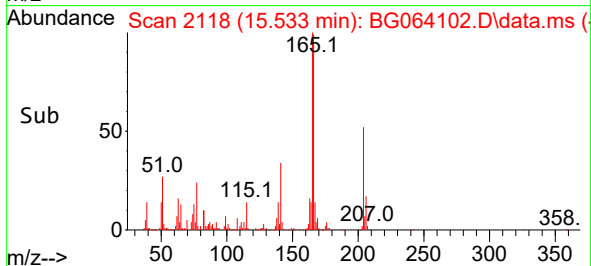
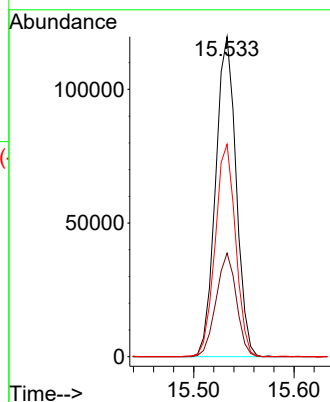
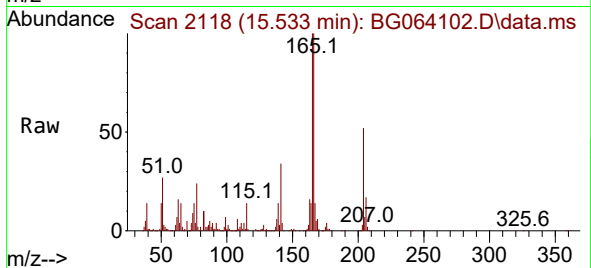




#61
4-Chlorophenyl-phenylether
Concen: 45.967 ng
RT: 15.533 min Scan# 2119
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

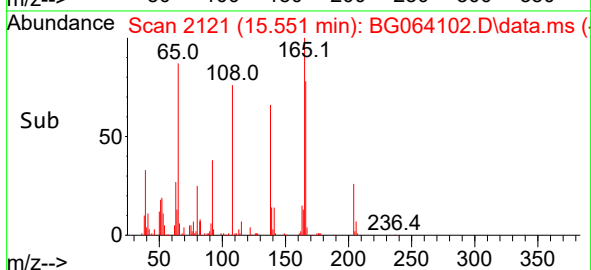
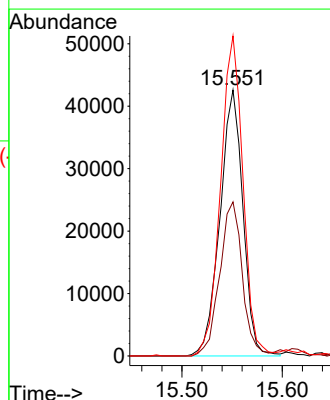
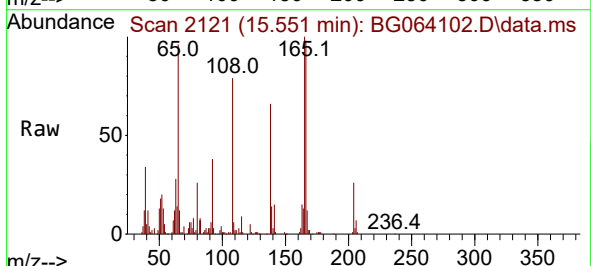
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

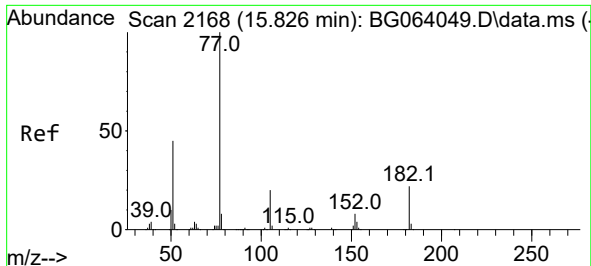
Tgt Ion:204 Resp: 169905
Ion Ratio Lower Upper
204 100
206 32.4 25.5 38.3
141 66.4 45.4 68.0



#62
4-Nitroaniline
Concen: 43.548 ng
RT: 15.551 min Scan# 2121
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:138 Resp: 67605
Ion Ratio Lower Upper
138 100
92 57.9 36.1 76.1
108 120.3 87.9 127.9

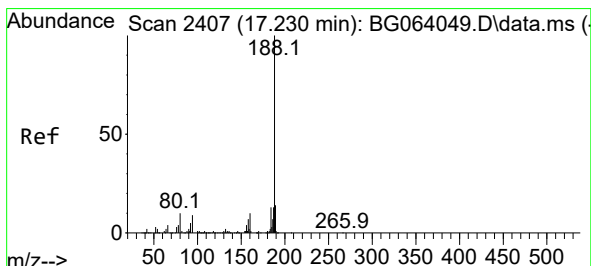
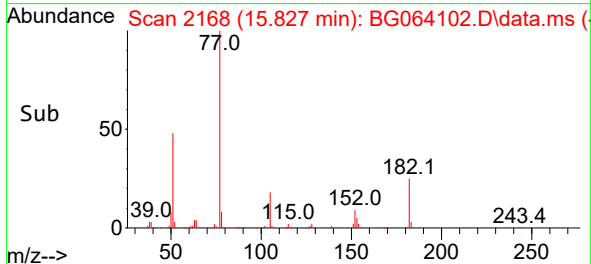
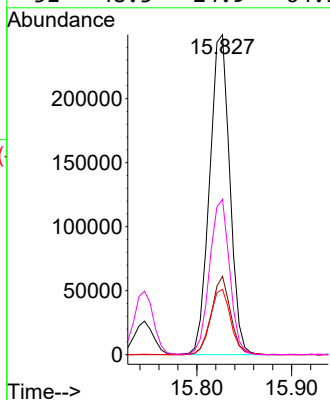
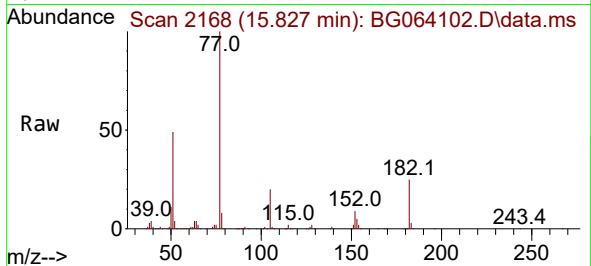




#63
 Azobenzene
 Concen: 43.029 ng
 RT: 15.827 min Scan# 2168
 Delta R.T. 0.001 min
 Lab File: BG064102.D
 Acq: 11 Mar 2025 19:20

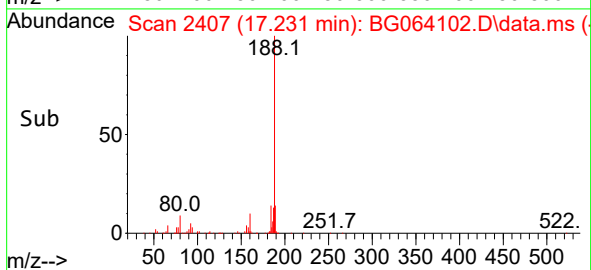
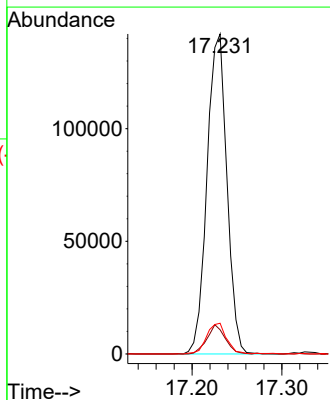
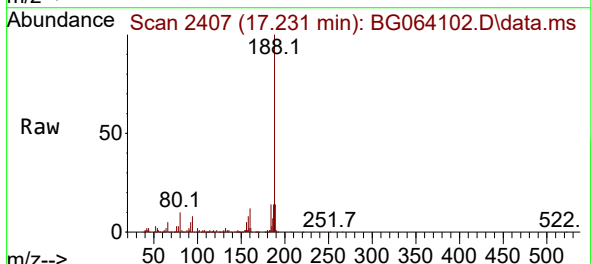
Instrument :
 BNA_G
 ClientSampleId :
 WC-A2-02-CMSD

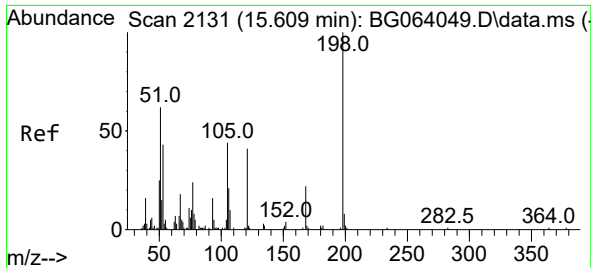
Tgt Ion: 77	Resp: 370850
Ion Ratio	Lower Upper
77 100	
182 24.5	2.4 42.4
105 20.4	0.0 40.0
51 48.5	24.9 64.9



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.231 min Scan# 2407
 Delta R.T. 0.001 min
 Lab File: BG064102.D
 Acq: 11 Mar 2025 19:20

Tgt Ion:188	Resp: 218138		
Ion Ratio	Lower	Upper	
188 100			
94 7.5	6.9	10.3	
80 9.6	8.1	12.1	

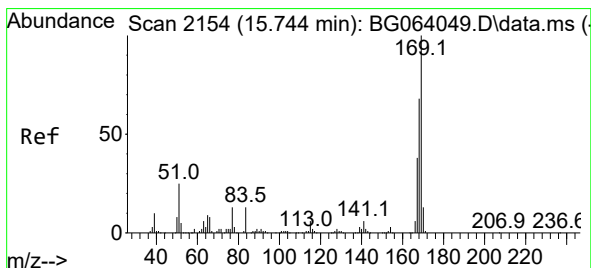
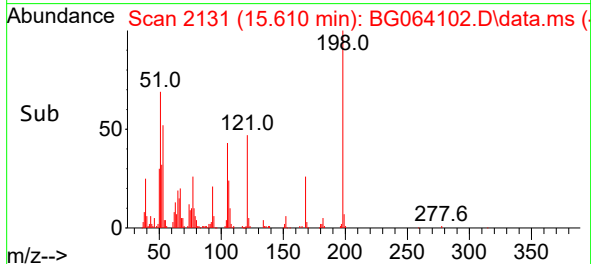
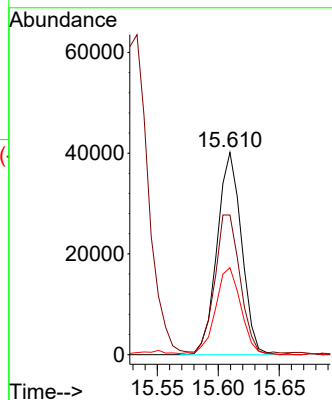
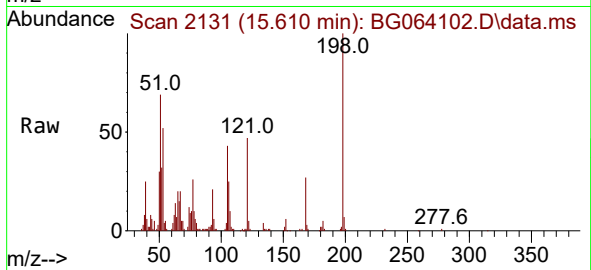




#65
4,6-Dinitro-2-methylphenol
Concen: 57.512 ng
RT: 15.610 min Scan# 2131
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

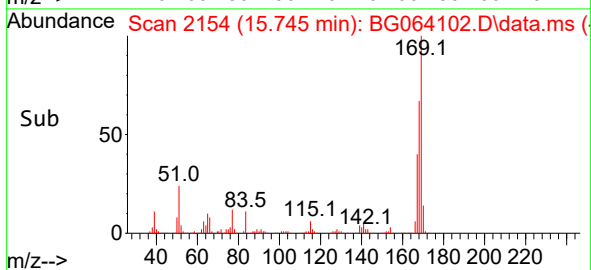
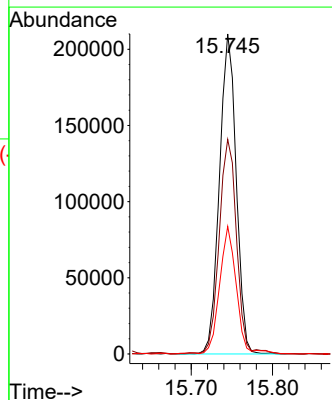
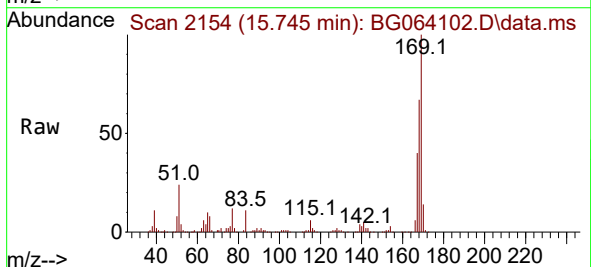
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

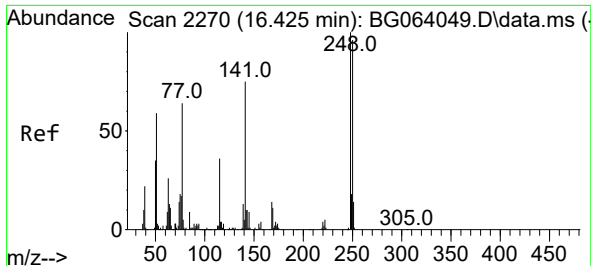
Tgt Ion:198 Resp: 56039
Ion Ratio Lower Upper
198 100
51 69.0 45.6 85.6
105 43.0 25.3 65.3



#66
n-Nitrosodiphenylamine
Concen: 48.885 ng
RT: 15.745 min Scan# 2154
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:169 Resp: 301849
Ion Ratio Lower Upper
169 100
168 67.1 54.1 81.1
167 39.9 30.3 45.5

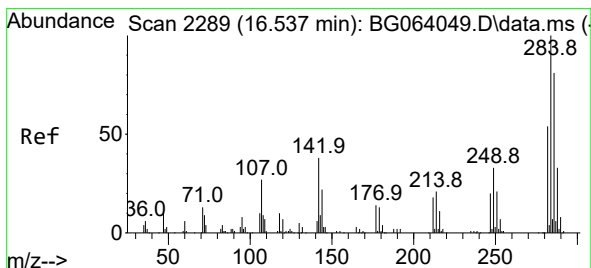
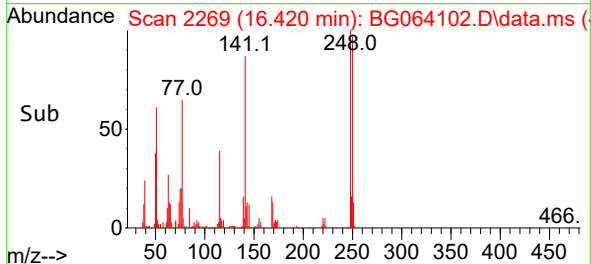
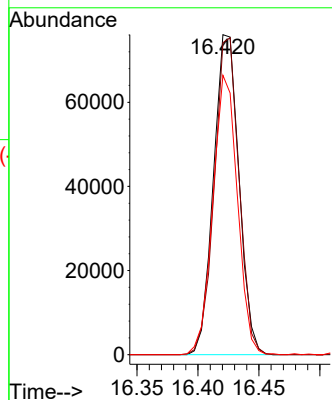
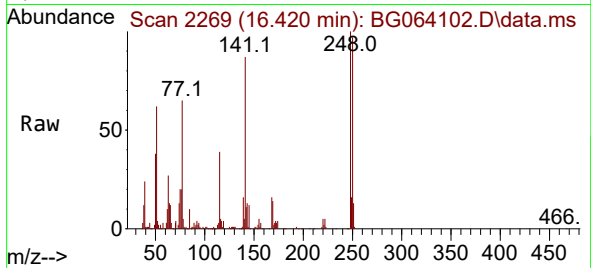




#67
4-Bromophenyl-phenylether
Concen: 49.329 ng
RT: 16.420 min Scan# 211
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

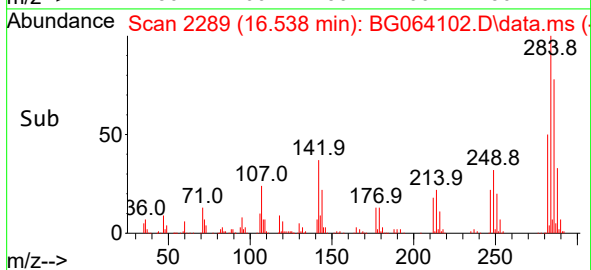
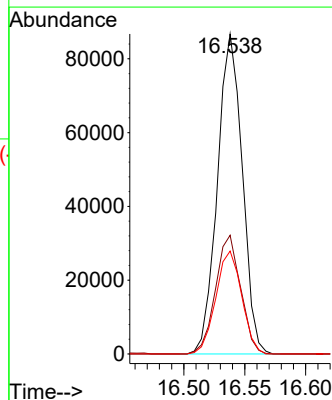
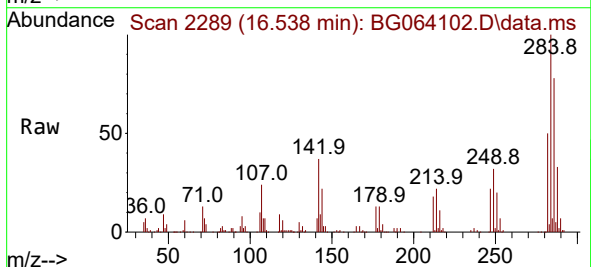
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

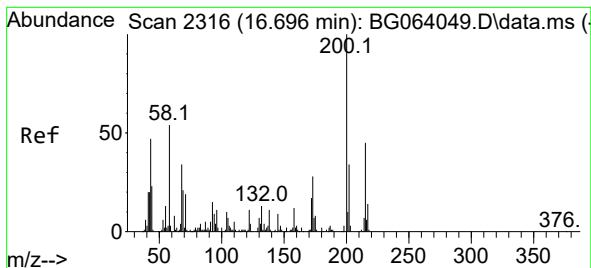
Tgt Ion:248 Resp: 110208
Ion Ratio Lower Upper
248 100
250 97.5 77.1 115.7
141 87.3 59.8 89.8



#68
Hexachlorobenzene
Concen: 49.270 ng
RT: 16.538 min Scan# 2289
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:284 Resp: 123234
Ion Ratio Lower Upper
284 100
142 37.1 30.6 45.8
249 32.2 26.6 39.8





#69

Atrazine

Concen: 64.850 ng

RT: 16.697 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

Instrument :

BNA_G

ClientSampleId :

WC-A2-02-CMSD

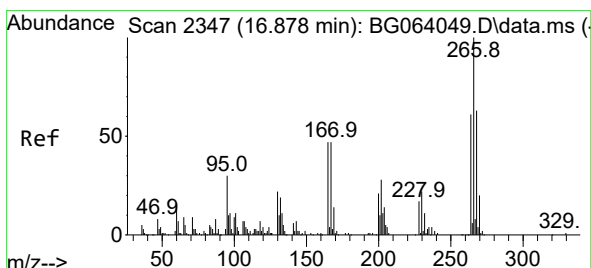
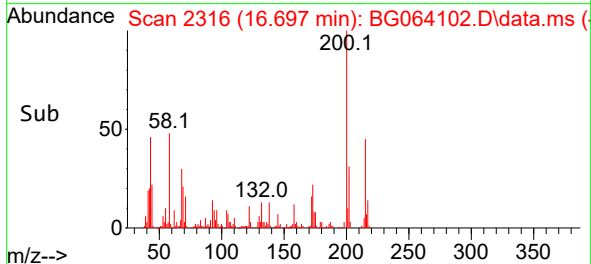
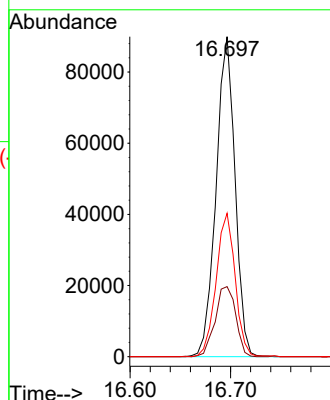
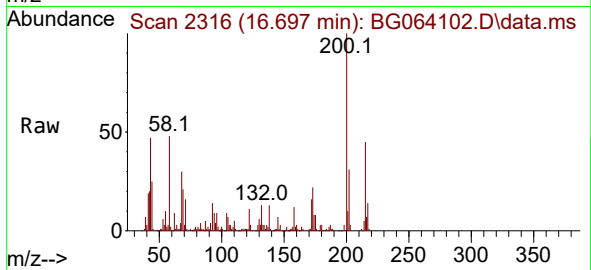
Tgt Ion:200 Resp: 117817

Ion Ratio Lower Upper

200 100

173 21.9 8.2 48.2

215 44.8 25.5 65.5



#70

Pentachlorophenol

Concen: 109.773 ng

RT: 16.879 min Scan# 2347

Delta R.T. 0.001 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

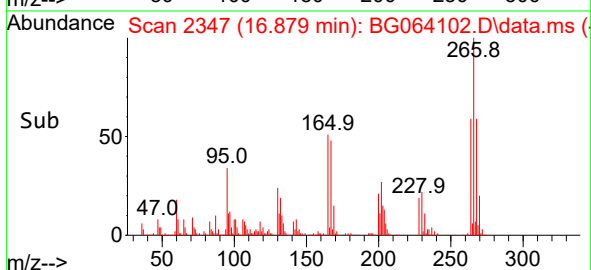
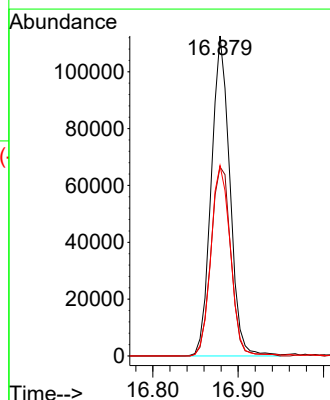
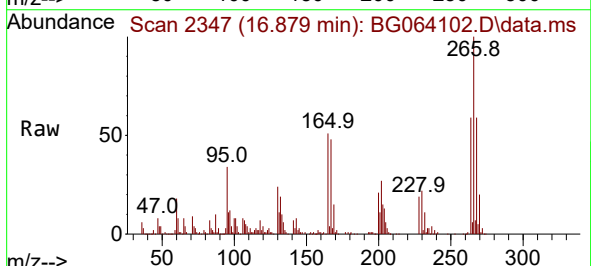
Tgt Ion:266 Resp: 170476

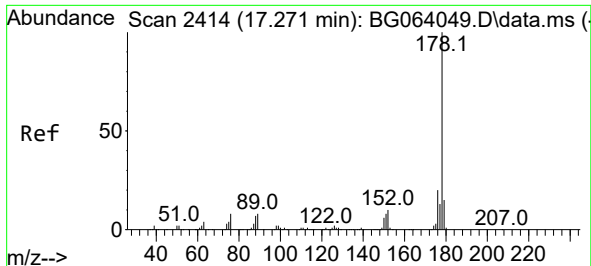
Ion Ratio Lower Upper

266 100

268 59.1 50.2 75.4

264 59.5 48.9 73.3

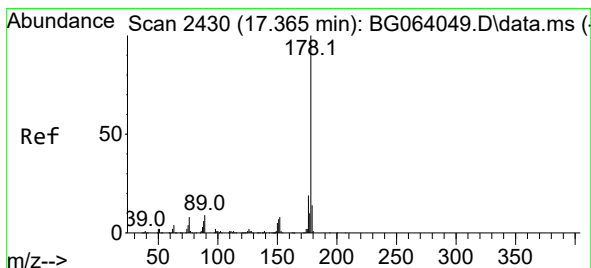
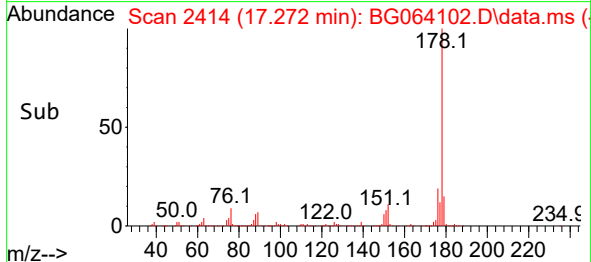
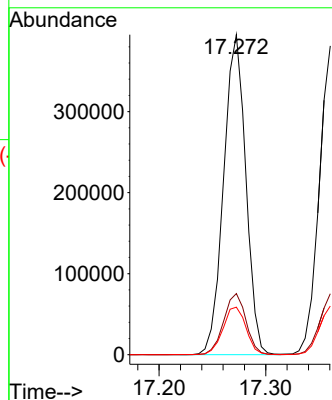
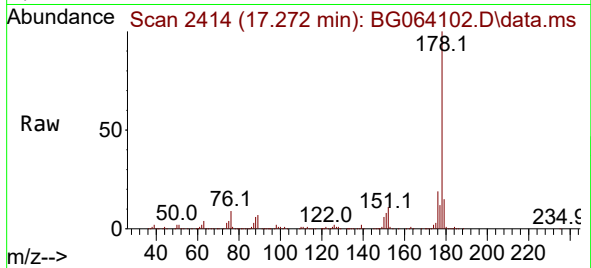




#71
Phenanthrene
Concen: 48.987 ng
RT: 17.272 min Scan# 2414
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

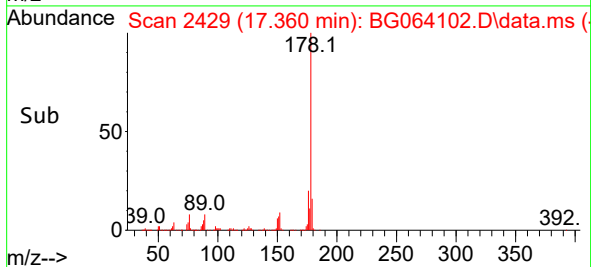
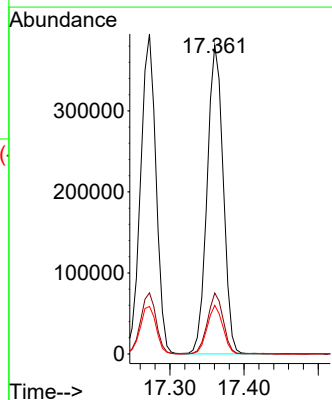
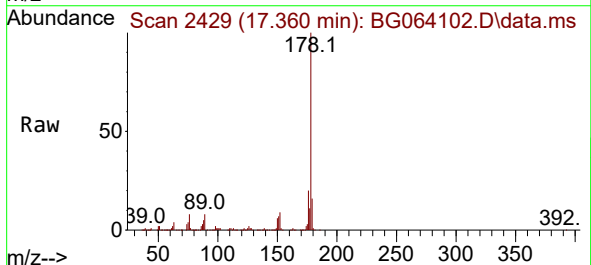
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

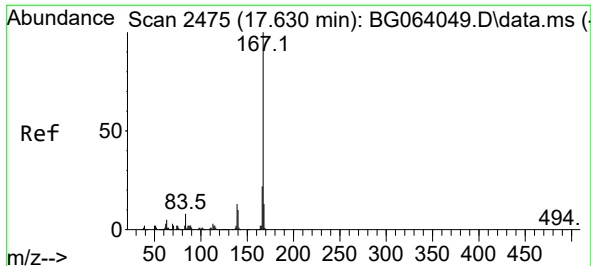
Tgt Ion:178 Resp: 569961
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 14.8 12.2 18.2



#72
Anthracene
Concen: 49.607 ng
RT: 17.360 min Scan# 2429
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:178 Resp: 573917
Ion Ratio Lower Upper
178 100
176 19.7 14.8 22.2
179 15.7 11.5 17.3

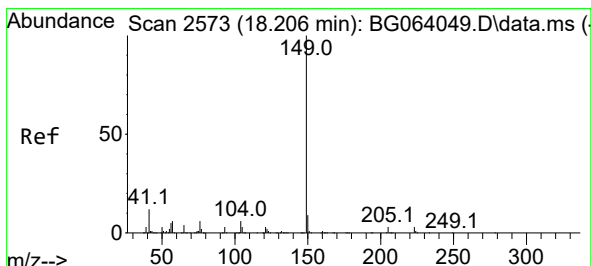
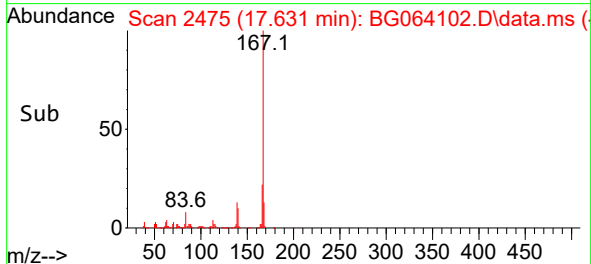
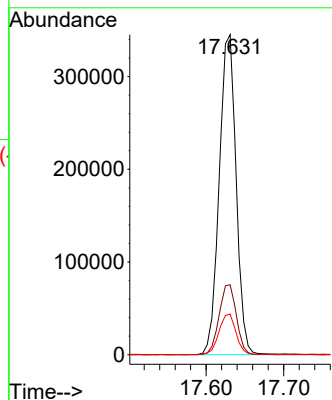
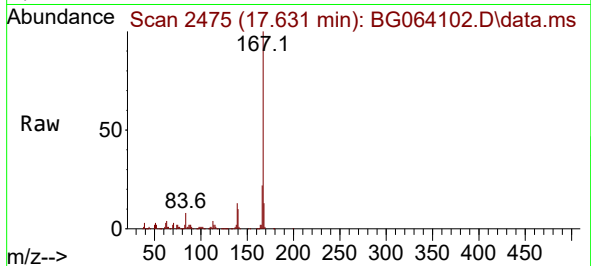




#73
 Carbazole
 Concen: 48.492 ng
 RT: 17.631 min Scan# 2475
 Delta R.T. 0.001 min
 Lab File: BG064102.D
 Acq: 11 Mar 2025 19:20

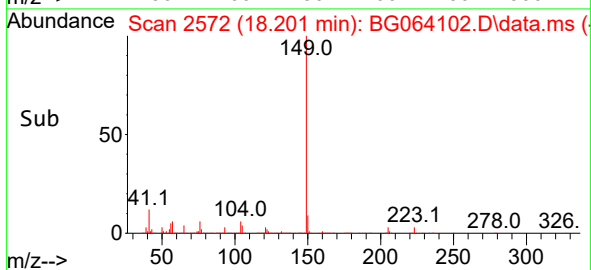
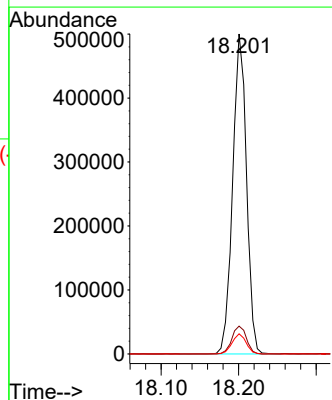
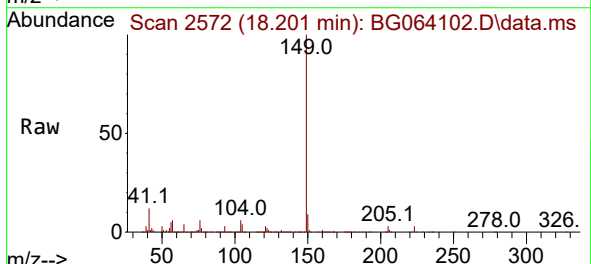
Instrument :
 BNA_G
 ClientSampleId :
 WC-A2-02-CMSD

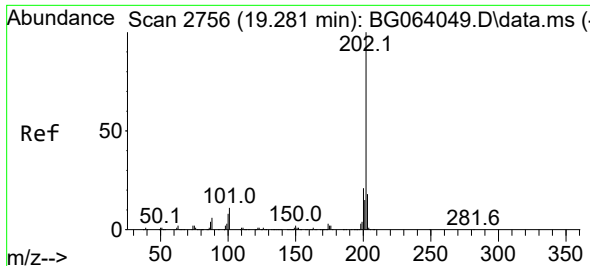
Tgt Ion:167 Resp: 523806
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.0 27.0
 139 12.7 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 48.811 ng
 RT: 18.201 min Scan# 2572
 Delta R.T. -0.005 min
 Lab File: BG064102.D
 Acq: 11 Mar 2025 19:20

Tgt Ion:149 Resp: 620627
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.4 11.0
 104 6.3 5.0 7.6

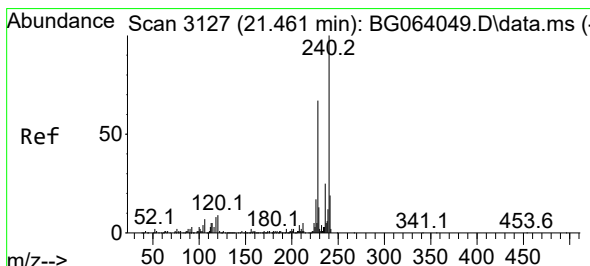
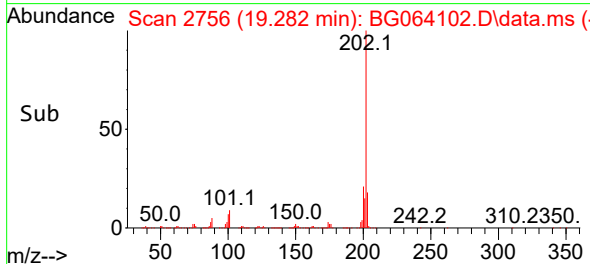
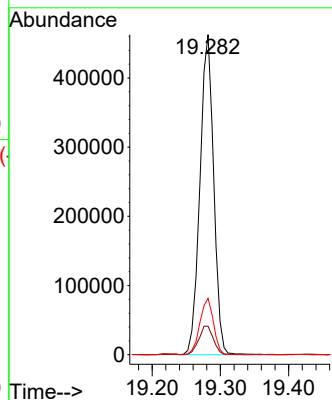
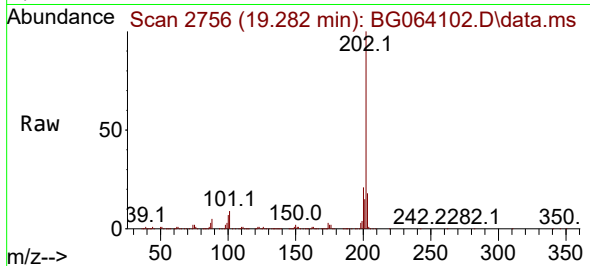




#75
Fluoranthene
Concen: 46.157 ng
RT: 19.282 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

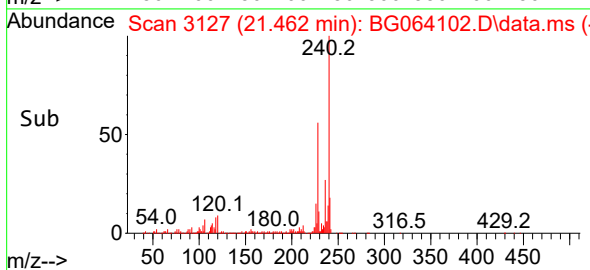
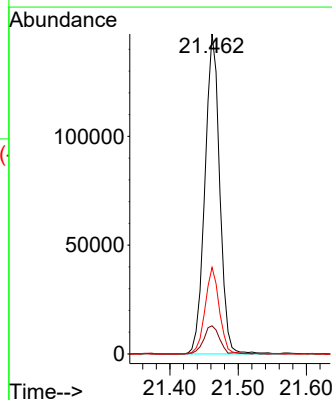
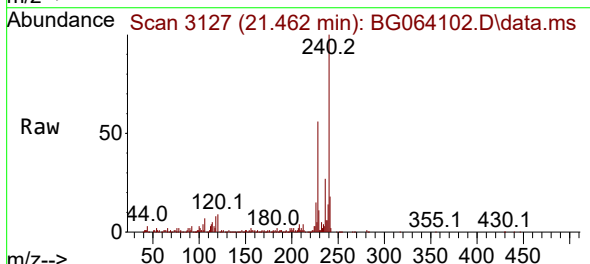
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BNA_G
ClientSampleId :
WC-A2-02-CMSD

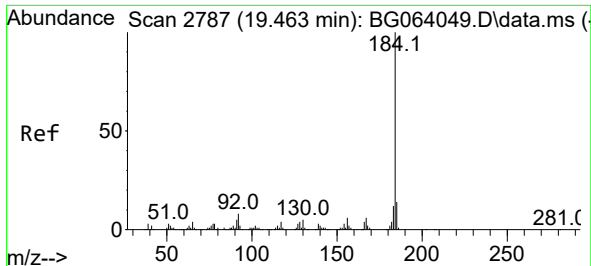
Tgt Ion:202 Resp: 647433
Ion Ratio Lower Upper
202 100
101 8.9 0.0 30.5
203 17.6 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3127
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:240 Resp: 221959
Ion Ratio Lower Upper
240 100
120 8.8 7.2 10.8
236 27.1 20.2 30.2

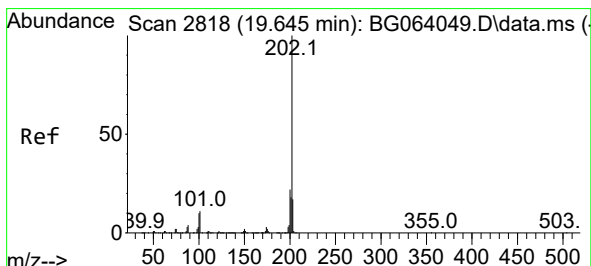
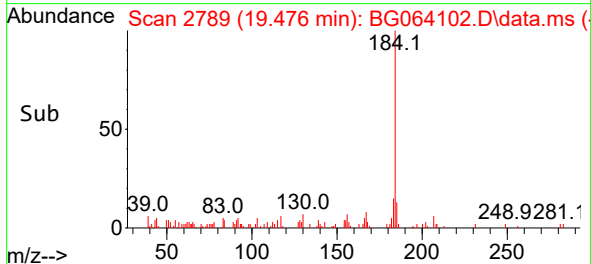
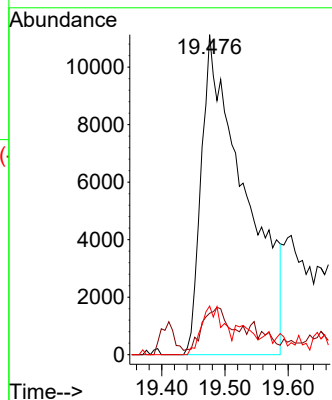
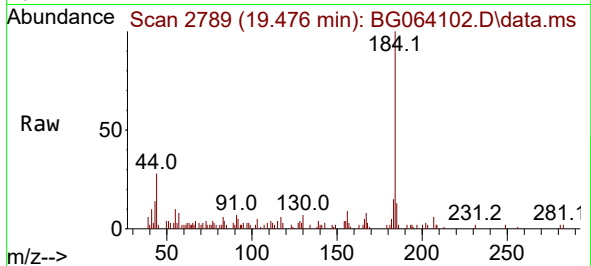




#77
Benzidine
Concen: 17.162 ng
RT: 19.476 min Scan# 21
Delta R.T. 0.013 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

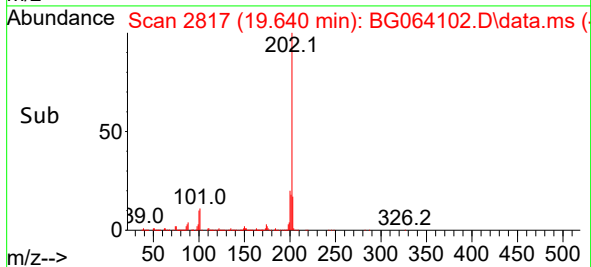
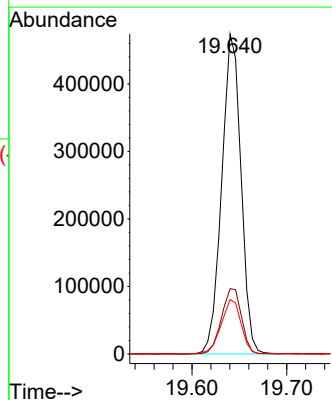
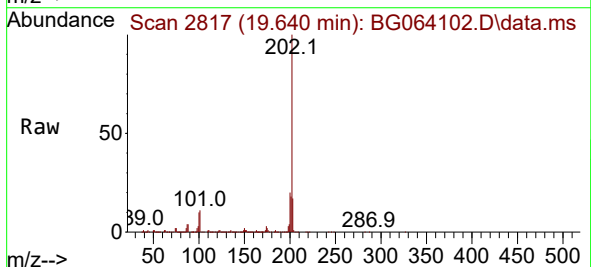
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

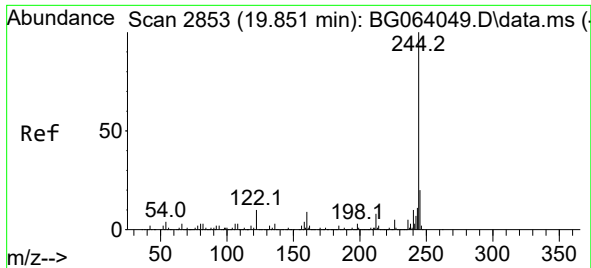
Tgt Ion:184 Resp: 52747
Ion Ratio Lower Upper
184 100
185 13.0 11.3 16.9
183 15.2 9.5 14.3#



#78
Pyrene
Concen: 46.826 ng
RT: 19.640 min Scan# 2817
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:202 Resp: 669978
Ion Ratio Lower Upper
202 100
200 20.4 17.3 25.9
203 17.0 13.6 20.4

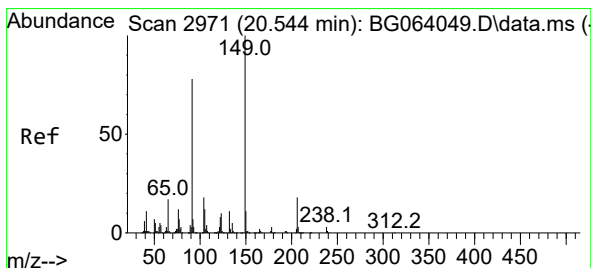
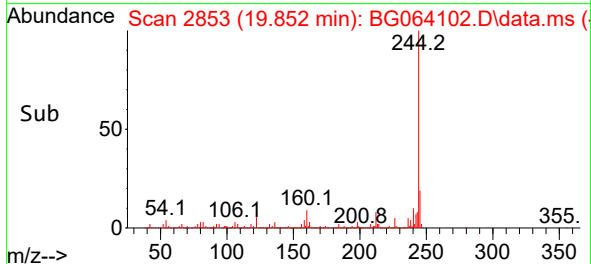
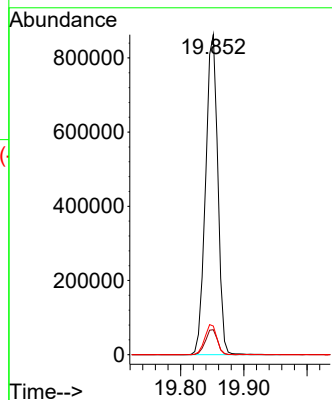
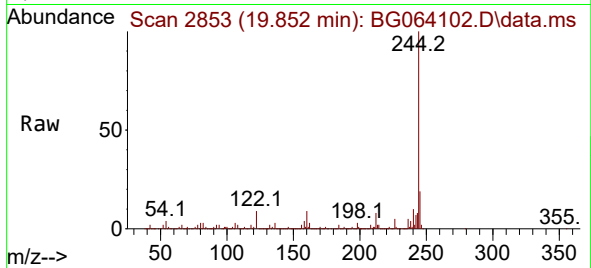




#79
 Terphenyl-d14
 Concen: 105.506 ng
 RT: 19.852 min Scan# 2853
 Delta R.T. 0.001 min
 Lab File: BG064102.D
 Acq: 11 Mar 2025 19:20

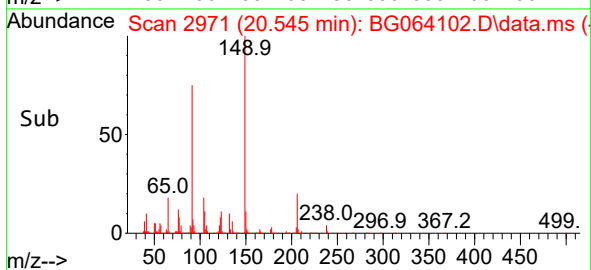
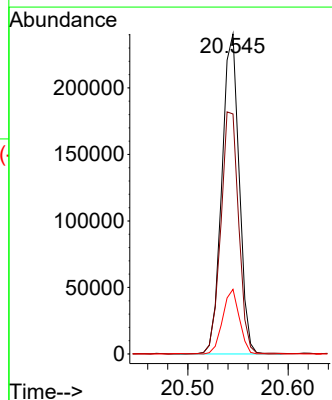
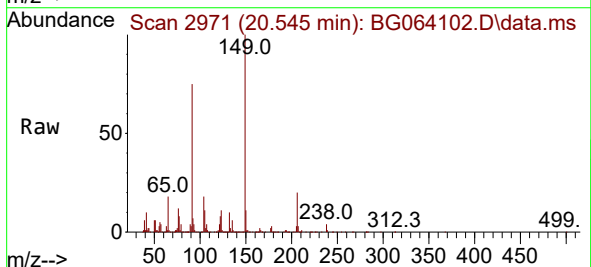
Instrument :
 BNA_G
 ClientSampleId :
 WC-A2-02-CMSD

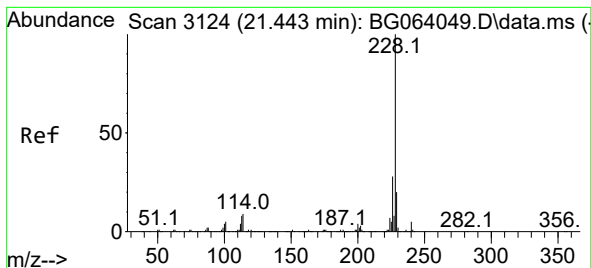
Tgt Ion:244 Resp: 1158161
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 8.9 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 53.091 ng
 RT: 20.545 min Scan# 2971
 Delta R.T. 0.001 min
 Lab File: BG064102.D
 Acq: 11 Mar 2025 19:20

Tgt Ion:149 Resp: 287287
 Ion Ratio Lower Upper
 149 100
 91 75.0 62.0 93.0
 206 20.2 14.6 21.8





#81

Benzo(a)anthracene

Concen: 49.070 ng

RT: 21.444 min Scan# 3124

Delta R.T. 0.001 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

Instrument :

BNA_G

ClientSampleId :

WC-A2-02-CMSD

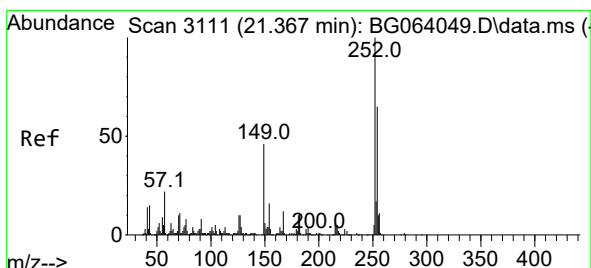
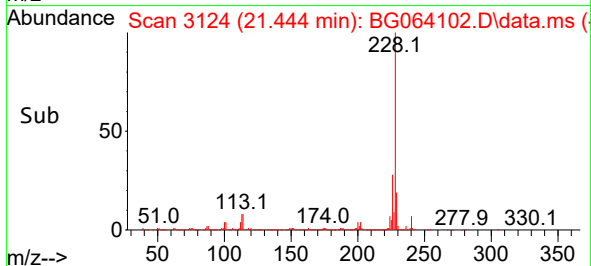
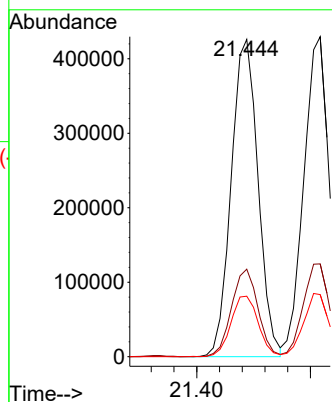
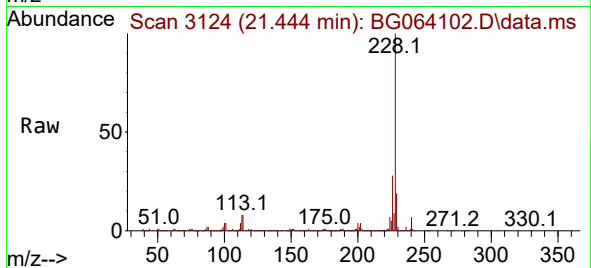
Tgt Ion:228 Resp: 697673

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.2

229 19.1 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 21.358 ng

RT: 21.362 min Scan# 3110

Delta R.T. -0.005 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

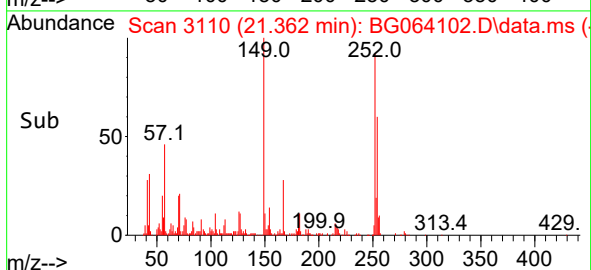
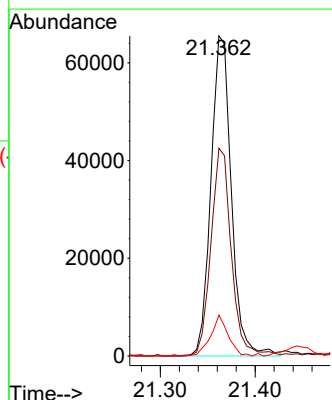
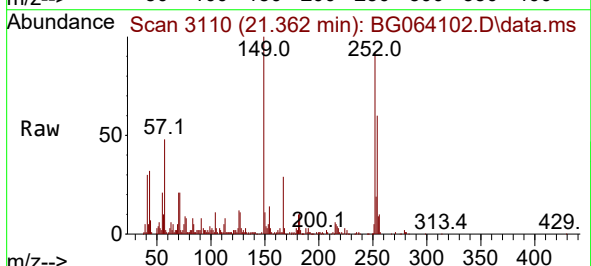
Tgt Ion:252 Resp: 98280

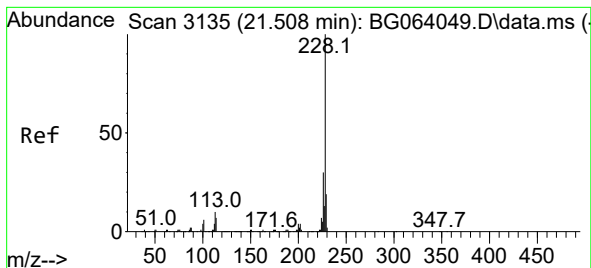
Ion Ratio Lower Upper

252 100

254 64.9 52.1 78.1

126 12.8 7.8 11.8#





#83

Chrysene

Concen: 47.385 ng

RT: 21.509 min Scan# 3135

Delta R.T. 0.001 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

Instrument :

BNA_G

ClientSampleId :

WC-A2-02-CMSD

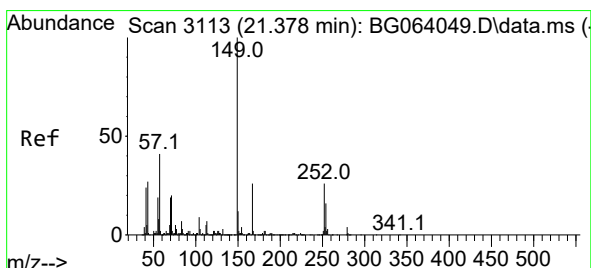
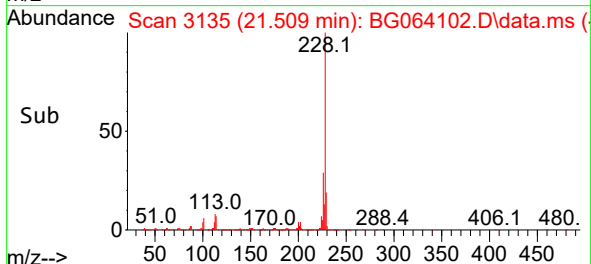
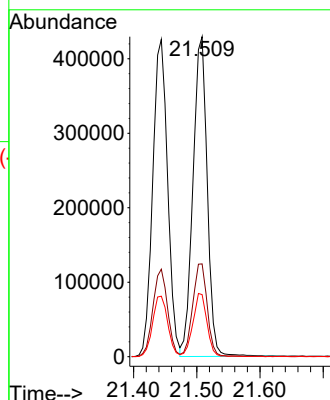
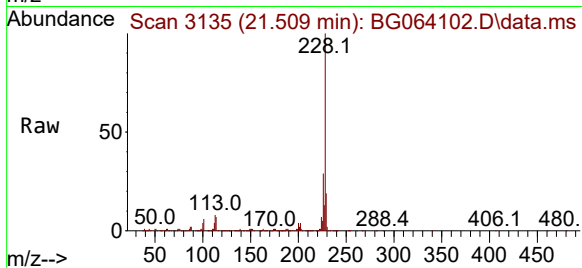
Tgt Ion:228 Resp: 671957

Ion Ratio Lower Upper

228 100

226 29.0 23.9 35.9

229 19.4 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.956 ng

RT: 21.379 min Scan# 3113

Delta R.T. 0.001 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

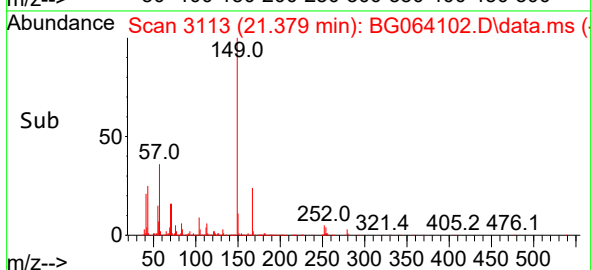
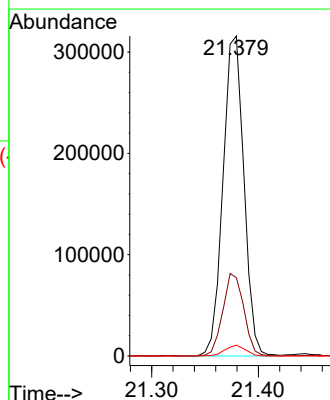
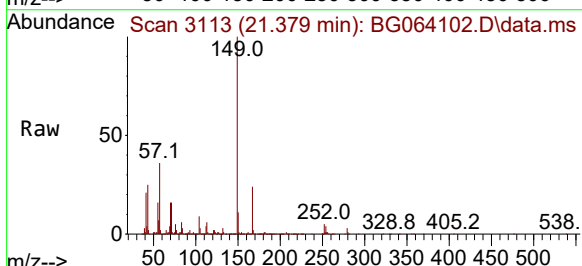
Tgt Ion:149 Resp: 430265

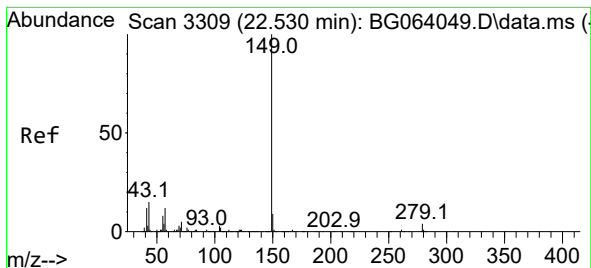
Ion Ratio Lower Upper

149 100

167 24.4 21.0 31.6

279 3.4 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 56.761 ng

RT: 22.525 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

Instrument :

BNA_G

ClientSampleId :

WC-A2-02-CMSD

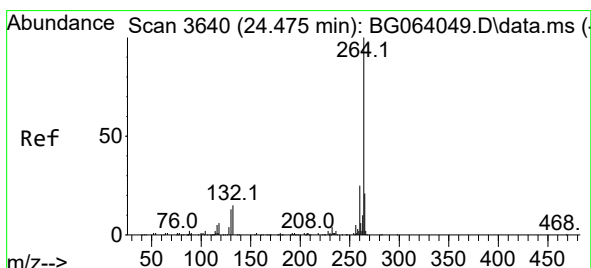
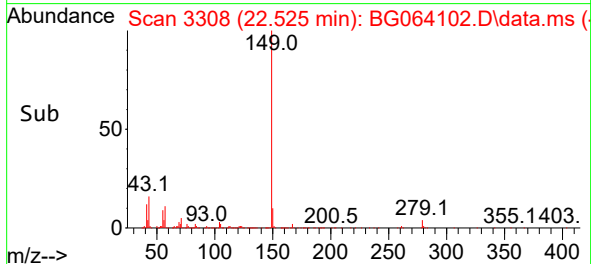
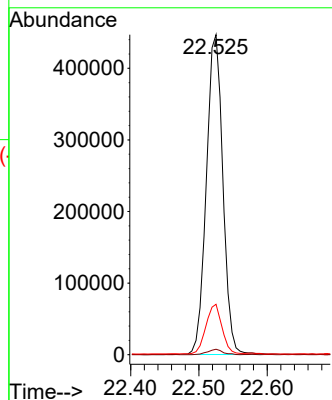
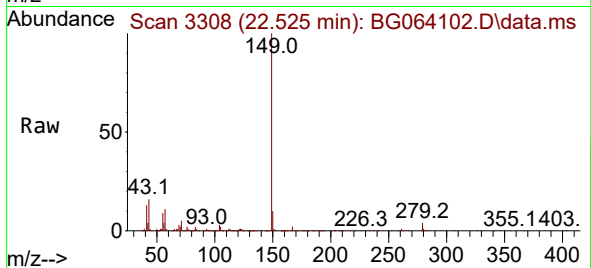
Tgt Ion:149 Resp: 752818

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 14.9 12.6 19.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.476 min Scan# 3640

Delta R.T. 0.001 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

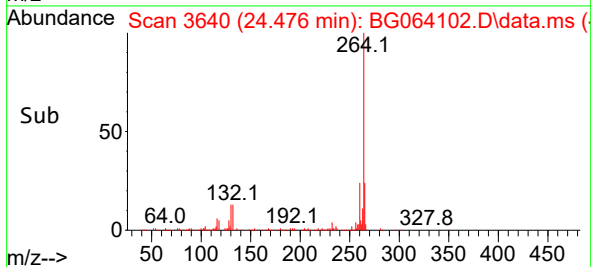
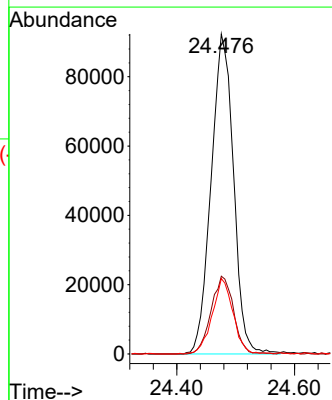
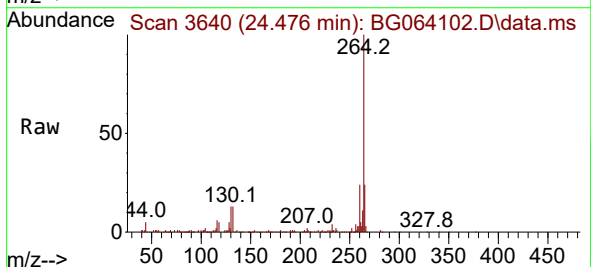
Tgt Ion:264 Resp: 243592

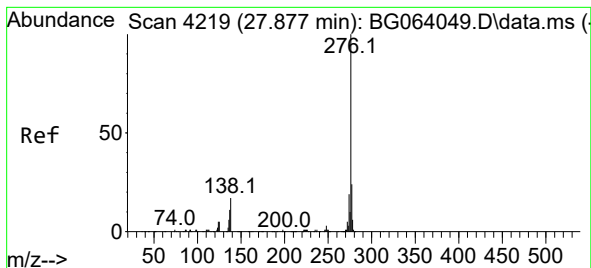
Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 23.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.368 ng

RT: 27.883 min Scan# 4219

Delta R.T. 0.007 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

Instrument :

BNA_G

ClientSampleId :

WC-A2-02-CMSD

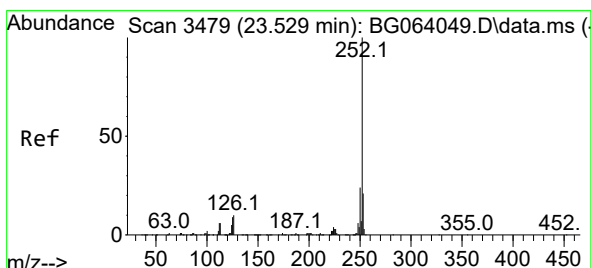
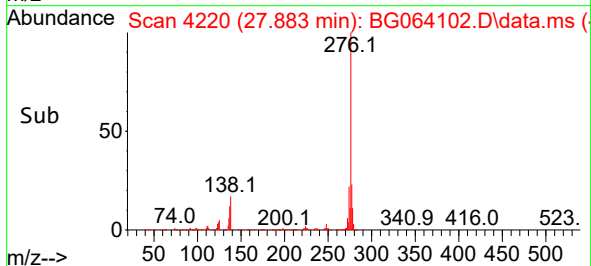
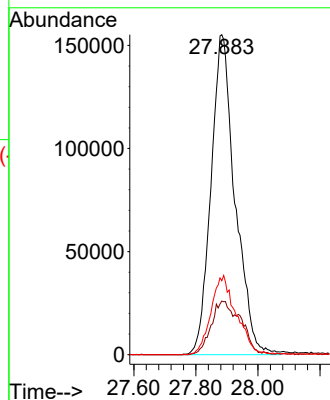
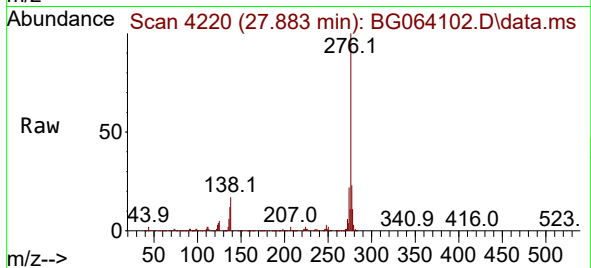
Tgt Ion:276 Resp: 837202

Ion Ratio Lower Upper

276 100

138 15.3 12.1 18.1

277 25.8 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 46.604 ng

RT: 23.530 min Scan# 3479

Delta R.T. 0.001 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

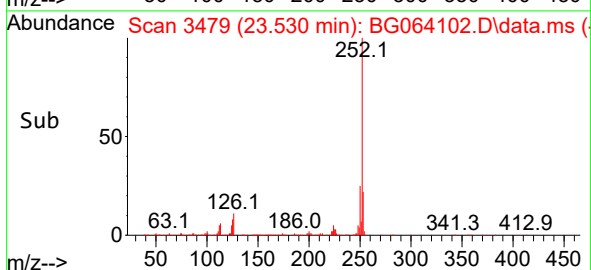
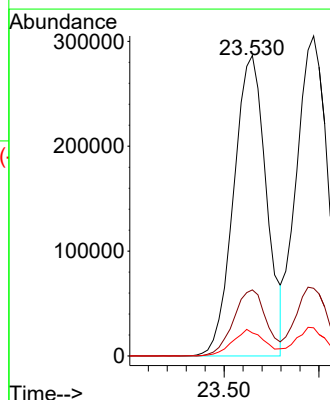
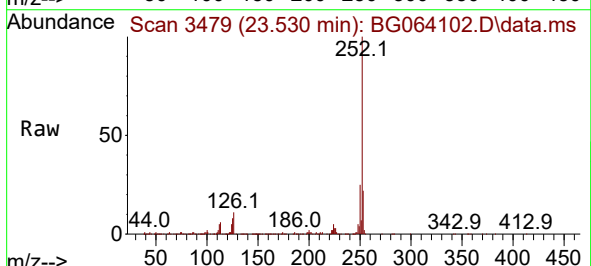
Tgt Ion:252 Resp: 686296

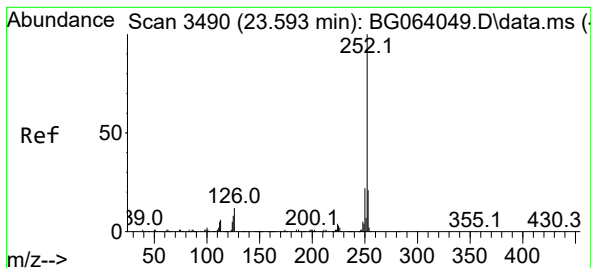
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 7.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 47.508 ng

RT: 23.594 min Scan# 3490

Delta R.T. 0.001 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

Instrument :

BNA_G

ClientSampleId :

WC-A2-02-CMSD

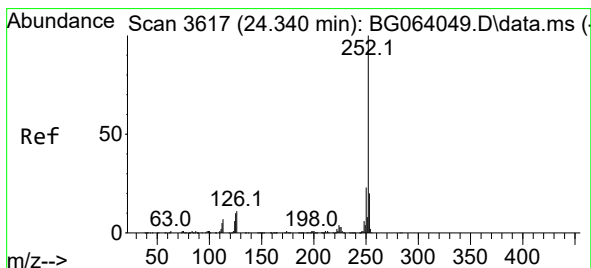
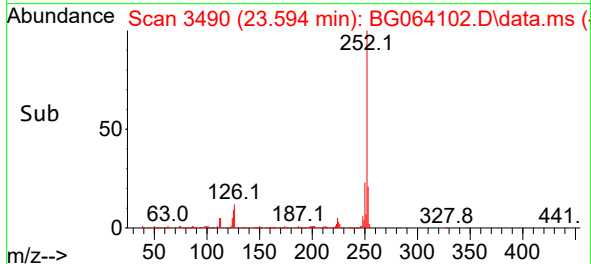
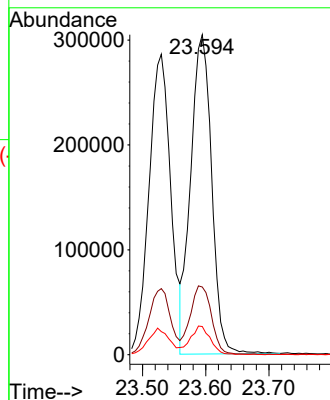
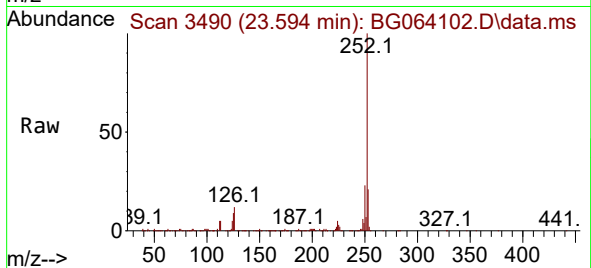
Tgt Ion:252 Resp: 701851

Ion Ratio Lower Upper

252 100

253 21.2 16.8 25.2

125 8.8 6.9 10.3



#90

Benzo(a)pyrene

Concen: 50.884 ng

RT: 24.341 min Scan# 3617

Delta R.T. 0.001 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

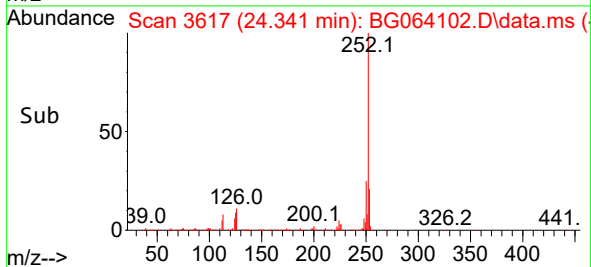
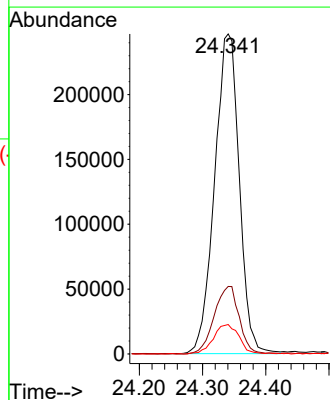
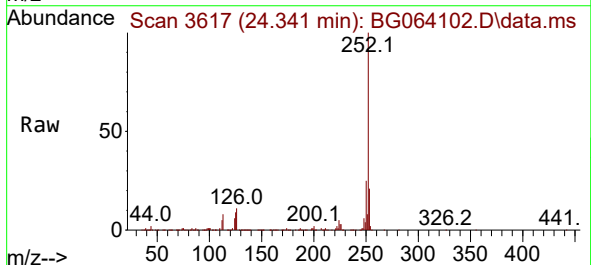
Tgt Ion:252 Resp: 667336

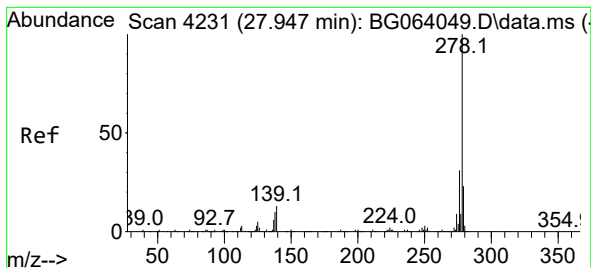
Ion Ratio Lower Upper

252 100

253 21.1 16.2 24.2

125 9.2 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 50.740 ng

RT: 27.942 min Scan# 41

Delta R.T. -0.005 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

Instrument :

BNA_G

ClientSampleId :

WC-A2-02-CMSD

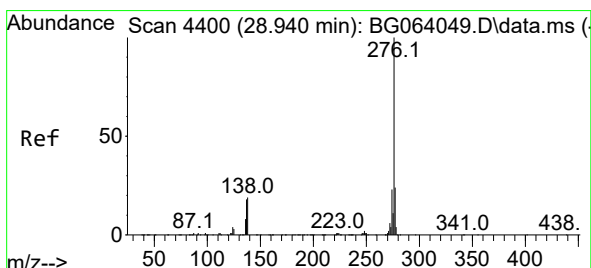
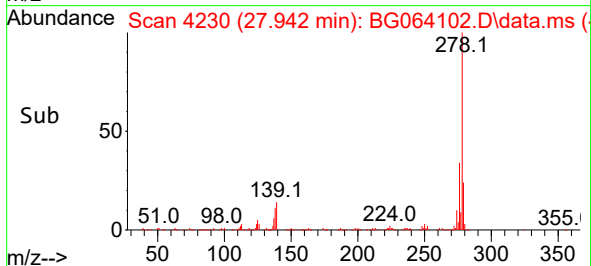
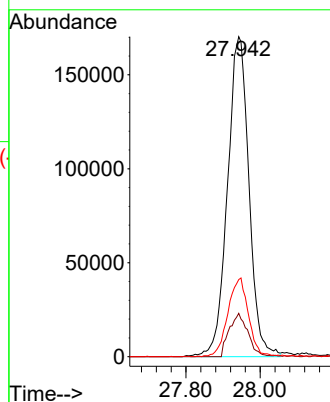
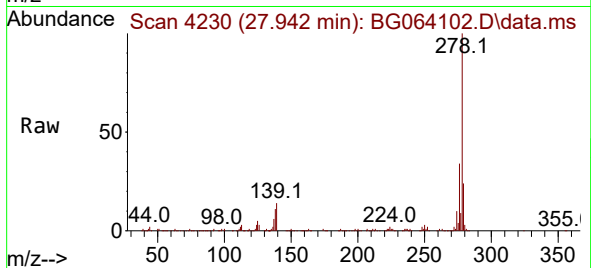
Tgt Ion:278 Resp: 685587

Ion Ratio Lower Upper

278 100

139 13.6 10.2 15.2

279 24.1 18.1 27.1



#92

Benzo(g,h,i)perylene

Concen: 46.385 ng

RT: 28.947 min Scan# 4401

Delta R.T. 0.007 min

Lab File: BG064102.D

Acq: 11 Mar 2025 19:20

Tgt Ion:276 Resp: 643489

Ion Ratio Lower Upper

276 100

277 23.6 19.5 29.3

138 17.2 15.4 23.0

