

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121323\
 Data File : BG060002.D
 Acq On : 13 Dec 2023 18:44
 Operator : MA/JU
 Sample : PB157585BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157585BS

Quant Time: Dec 14 03:01:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	49789	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	201015	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	174317	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	536123	20.000	ng	0.00
76) Chrysene-d12	21.613	240	694729	20.000	ng	0.00
86) Perylene-d12	24.803	264	796643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	470041	161.610	ng	0.00
7) Phenol-d6	7.112	99	605648	148.035	ng	0.00
23) Nitrobenzene-d5	9.116	82	385908	87.175	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	574071	141.313	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1208410	84.844	ng	0.00
79) Terphenyl-d14	19.962	244	3446224	90.565	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.428	88	50113	36.412	ng	93
3) Pyridine	3.822	79	106201	27.554	ng	90
4) n-Nitrosodimethylamine	3.740	42	77110	40.673	ng	83
6) Aniline	7.277	93	147026	35.282	ng	97
8) 2-Chlorophenol	7.518	128	143175	51.947	ng	95
9) Benzaldehyde	7.089	77	29282	11.771	ng	96
10) Phenol	7.136	94	223009	54.261	ng	97
11) bis(2-Chloroethyl)ether	7.377	93	133883	45.503	ng	100
12) 1,3-Dichlorobenzene	7.841	146	163144	44.264	ng	96
13) 1,4-Dichlorobenzene	7.993	146	174635	45.534	ng	96
14) 1,2-Dichlorobenzene	8.305	146	163349	44.269	ng	98
15) Benzyl Alcohol	8.187	79	174212	52.981	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.481	45	253100	48.072	ng	97
17) 2-Methylphenol	8.393	107	145033	52.930	ng	87
18) Hexachloroethane	9.039	117	51086	43.971	ng	91
19) n-Nitroso-di-n-propyla...	8.757	70	132316	50.128	ng	# 93
20) 3+4-Methylphenols	8.716	107	191049	49.917	ng	96
22) Acetophenone	8.775	105	263662	45.011	ng	93
24) Nitrobenzene	9.157	77	196632	43.751	ng	97
25) Isophorone	9.680	82	357712	42.220	ng	99
26) 2-Nitrophenol	9.874	139	77150	46.676	ng	94
27) 2,4-Dimethylphenol	9.927	122	135994	60.025	ng	96
28) bis(2-Chloroethoxy)met...	10.167	93	187445	42.850	ng	95
29) 2,4-Dichlorophenol	10.402	162	201881	49.612	ng	92
30) 1,2,4-Trichlorobenzene	10.620	180	233982	42.480	ng	99
31) Naphthalene	10.814	128	448784	42.887	ng	98
32) Benzoic acid	10.050	122	100430	48.731	ng	# 77
33) 4-Chloroaniline	10.914	127	74113	18.613	ng	# 95
34) Hexachlorobutadiene	11.096	225	195966	38.873	ng	97
35) Caprolactam	11.683	113	29824	28.852	ng	92
36) 4-Chloro-3-methylphenol	12.036	107	181215	48.966	ng	99
37) 2-Methylnaphthalene	12.418	142	350043	42.650	ng	98
38) 1-Methylnaphthalene	12.641	142	350125	43.186	ng	97
40) 1,2,4,5-Tetrachloroben...	12.782	216	398356	43.835	ng	99
41) Hexachlorocyclopentadiene	12.770	237	465130	123.878	ng	96
43) 2,4,6-Trichlorophenol	13.023	196	235176	46.155	ng	95

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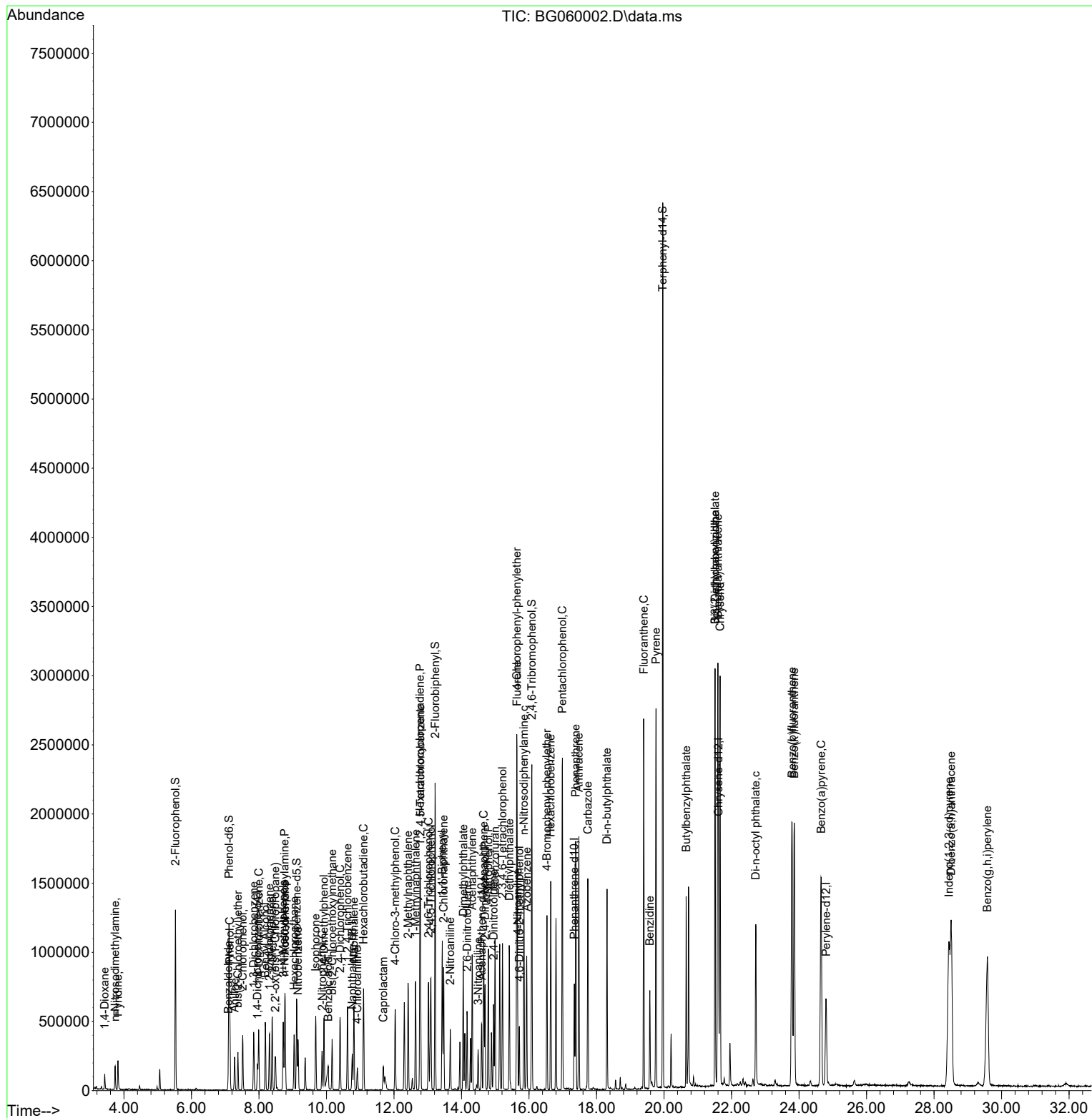
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.093	196	261455	47.175	ng	98
46) 1,1'-Biphenyl	13.428	154	577112	44.642	ng	99
47) 2-Chloronaphthalene	13.469	162	468542	41.850	ng	99
48) 2-Nitroaniline	13.669	65	123304	51.020	ng	87
49) Acenaphthylene	14.315	152	723277	47.228	ng	99
50) Dimethylphthalate	14.051	163	614312	45.401	ng	99
51) 2,6-Dinitrotoluene	14.169	165	125949	44.936	ng	96
52) Acenaphthene	14.656	154	410339	38.925	ng	96
53) 3-Nitroaniline	14.492	138	61995	27.680	ng	# 94
54) 2,4-Dinitrophenol	14.697	184	225974	109.427	ng	92
55) Dibenzofuran	14.991	168	770280	44.893	ng	99
56) 4-Nitrophenol	14.797	139	197679	105.016	ng	90
57) 2,4-Dinitrotoluene	14.950	165	190720	48.405	ng	# 96
58) Fluorene	15.643	166	654557	45.240	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.214	232	290655	50.381	ng	98
60) Diethylphthalate	15.414	149	578515	46.468	ng	98
61) 4-Chlorophenyl-phenyle...	15.637	204	455470	43.710	ng	98
62) 4-Nitroaniline	15.661	138	116006	47.565	ng	96
63) Azobenzene	15.931	77	544574	44.366	ng	96
65) 4,6-Dinitro-2-methylph...	15.714	198	158596	47.181	ng	95
66) n-Nitrosodiphenylamine	15.849	169	613322	46.828	ng	95
67) 4-Bromophenyl-phenylether	16.531	248	338539	44.755	ng	93
68) Hexachlorobenzene	16.642	284	384756	43.510	ng	# 96
69) Atrazine	16.801	200	305283	Below Cal		98
70) Pentachlorophenol	16.989	266	576186	100.581	ng	97
71) Phenanthrene	17.382	178	1217996	46.903	ng	98
72) Anthracene	17.476	178	1262087	48.338	ng	99
73) Carbazole	17.741	167	1054914	47.546	ng	98
74) Di-n-butylphthalate	18.311	149	989549	48.890	ng	98
75) Fluoranthene	19.398	202	1829294	48.273	ng	98
77) Benzidine	19.580	184	542602	60.805	ng	99
78) Pyrene	19.762	202	1896772	45.040	ng	99
80) Butylbenzylphthalate	20.655	149	374192	49.473	ng	95
81) Benzo(a)anthracene	21.595	228	2188504	46.896	ng	98
82) 3,3'-Dichlorobenzidine	21.513	252	654209	42.603	ng	100
83) Chrysene	21.660	228	2024608	45.793	ng	98
84) Bis(2-ethylhexyl)phtha...	21.513	149	565380	49.318	ng	98
85) Di-n-octyl phthalate	22.717	149	982753	49.558	ng	100
87) Indeno(1,2,3-cd)pyrene	28.440	276	2656345	46.722	ng	99
88) Benzo(b)fluoranthene	23.793	252	2234355	45.413	ng	98
89) Benzo(k)fluoranthene	23.857	252	2133679	44.709	ng	98
90) Benzo(a)pyrene	24.656	252	1984292	45.522	ng	98
91) Dibenzo(a,h)anthracene	28.505	278	2272801	47.806	ng	100
92) Benzo(g,h,i)perylene	29.580	276	2121336	44.858	ng	# 99

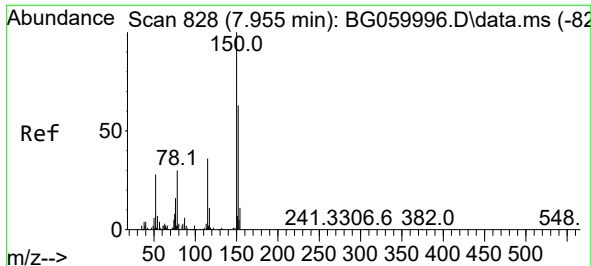
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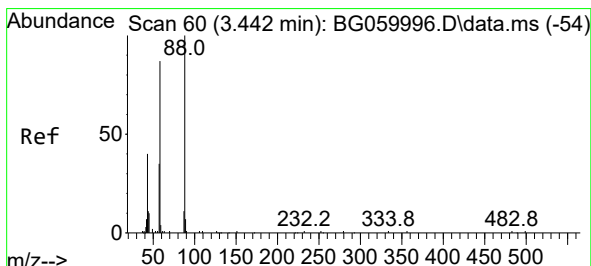
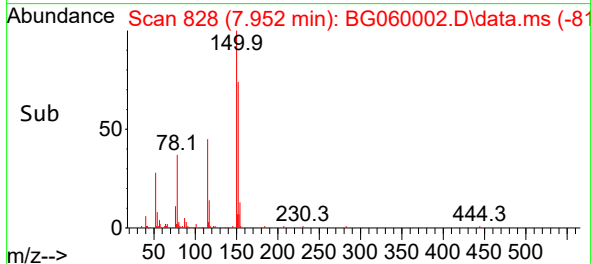
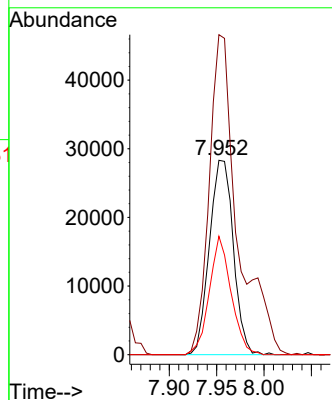
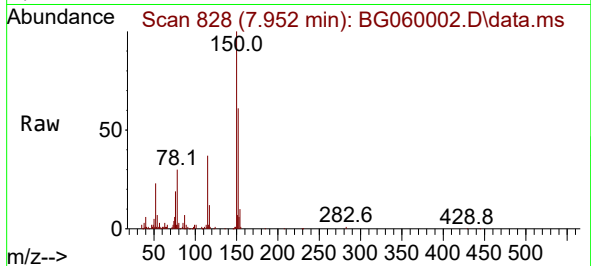




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.952 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG060002.D
 Acq: 13 Dec 2023 18:44

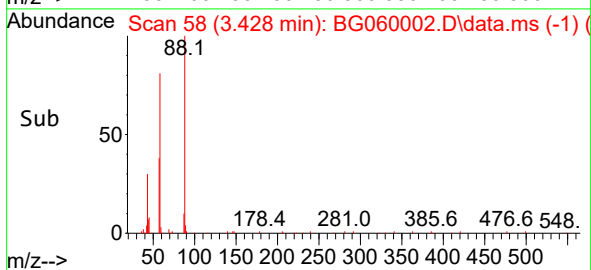
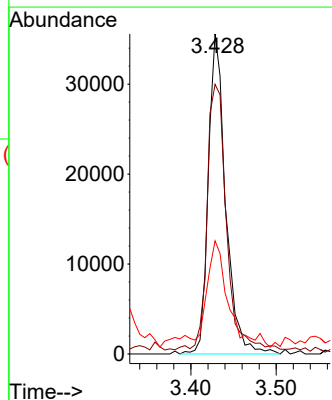
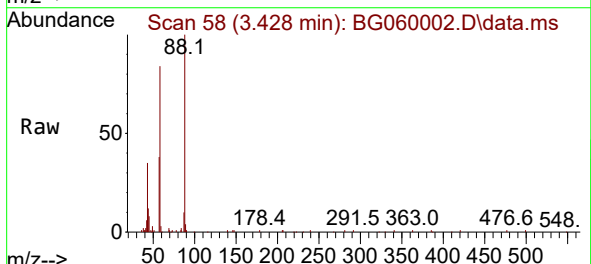
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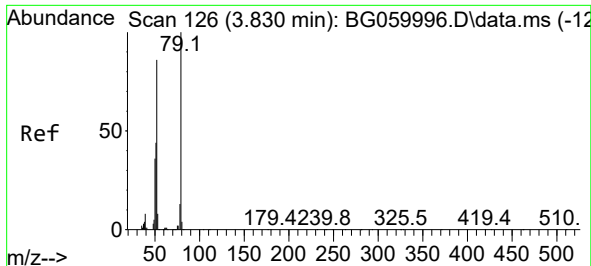
Tgt Ion:152 Resp: 49789
 Ion Ratio Lower Upper
 152 100
 150 164.6 127.0 190.6
 115 60.9 45.7 68.5



#2
 1,4-Dioxane
 Concen: 36.412 ng
 RT: 3.428 min Scan# 58
 Delta R.T. -0.014 min
 Lab File: BG060002.D
 Acq: 13 Dec 2023 18:44

Tgt Ion: 88 Resp: 50113
 Ion Ratio Lower Upper
 88 100
 58 91.8 68.5 102.7
 43 40.3 28.8 43.2

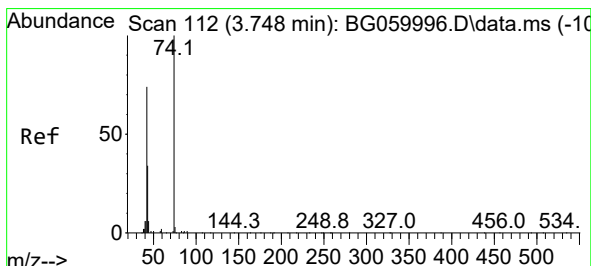
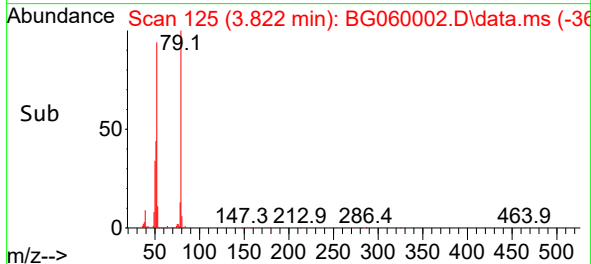
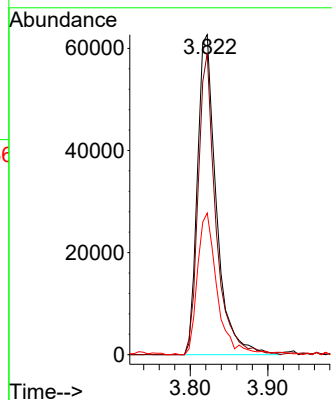
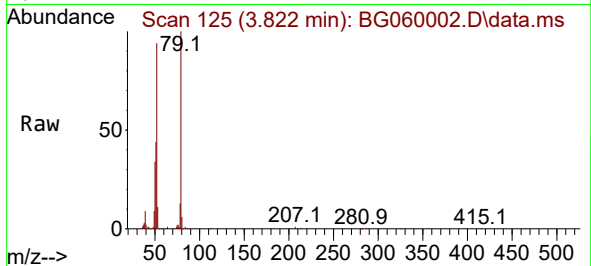




#3
Pyridine
Concen: 27.554 ng
RT: 3.822 min Scan# 110
Delta R.T. -0.008 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

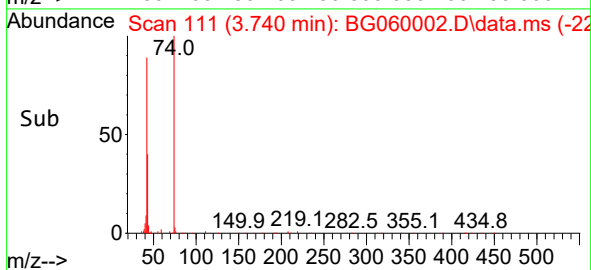
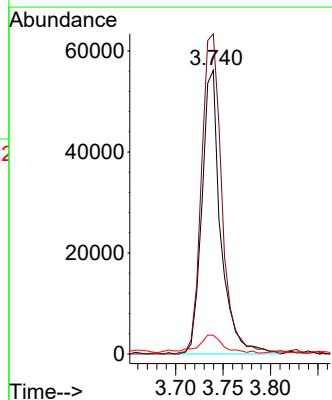
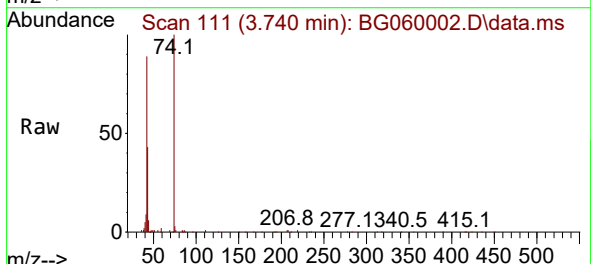
Instrument :
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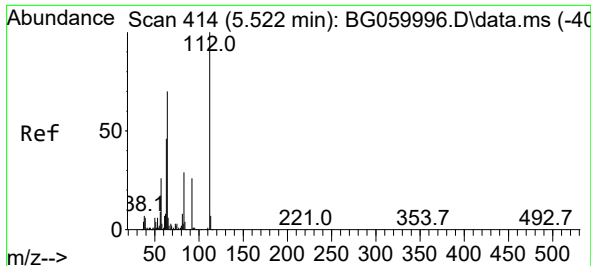
Tgt Ion: 79 Resp: 106201
Ion Ratio Lower Upper
79 100
52 94.2 68.7 103.1
51 44.2 41.1 61.7



#4
n-Nitrosodimethylamine
Concen: 40.673 ng
RT: 3.740 min Scan# 111
Delta R.T. -0.008 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion: 42 Resp: 77110
Ion Ratio Lower Upper
42 100
74 112.8 107.4 161.2
44 6.6 6.0 9.0

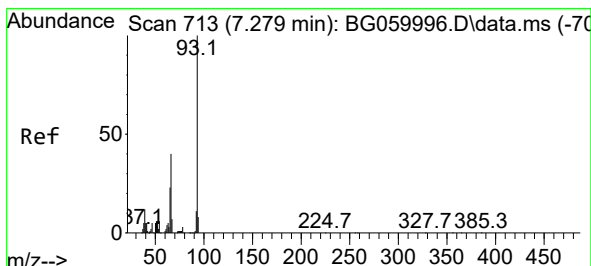
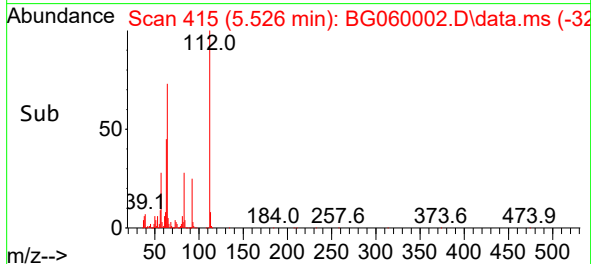
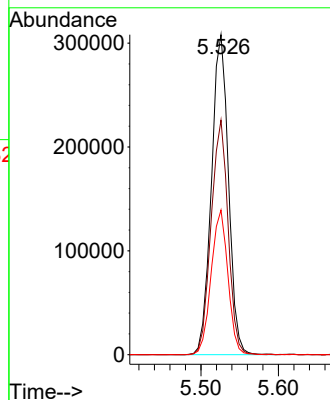
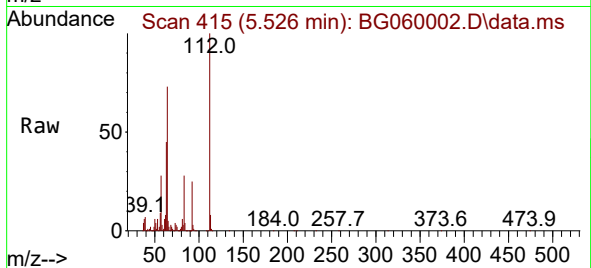




#5
2-Fluorophenol
Concen: 161.610 ng
RT: 5.526 min Scan# 414
Delta R.T. 0.004 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

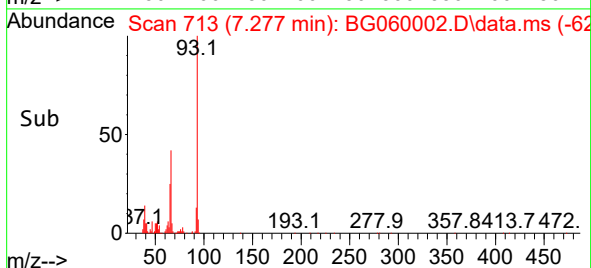
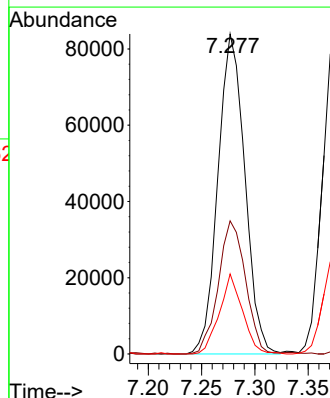
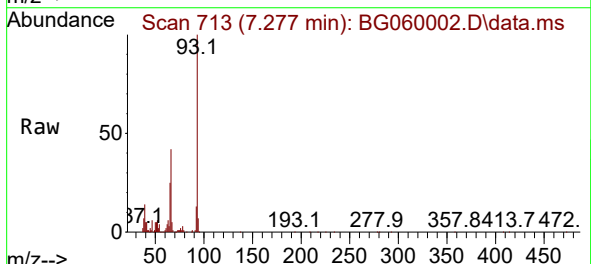
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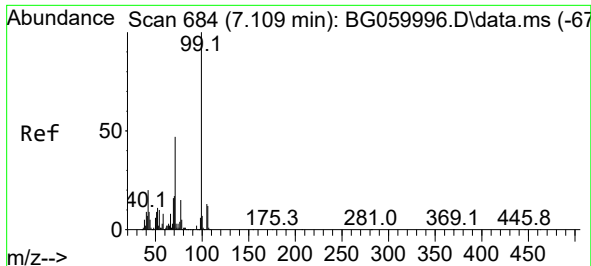
Tgt Ion:112 Resp: 470041
Ion Ratio Lower Upper
112 100
64 73.3 55.9 83.9
63 45.2 36.5 54.7



#6
Aniline
Concen: 35.282 ng
RT: 7.277 min Scan# 713
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion: 93 Resp: 147026
Ion Ratio Lower Upper
93 100
66 41.6 31.8 47.8
65 25.0 18.6 28.0

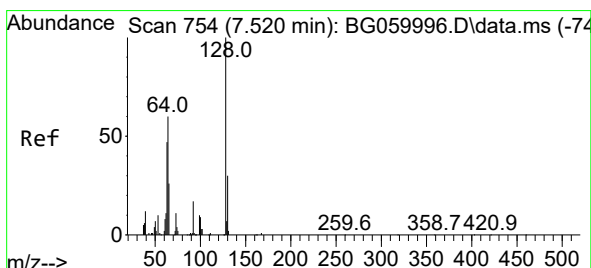
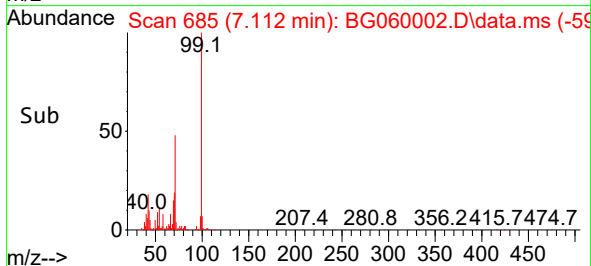
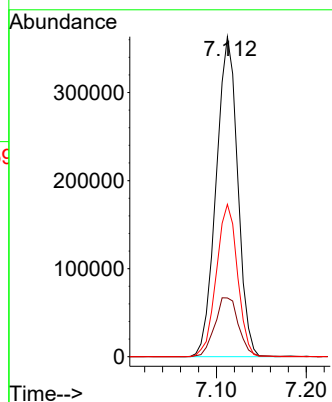
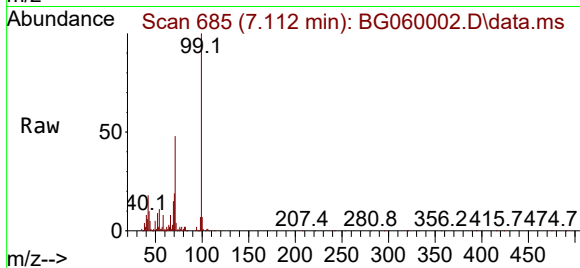




#7
Phenol-d6
Concen: 148.035 ng
RT: 7.112 min Scan# 685
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

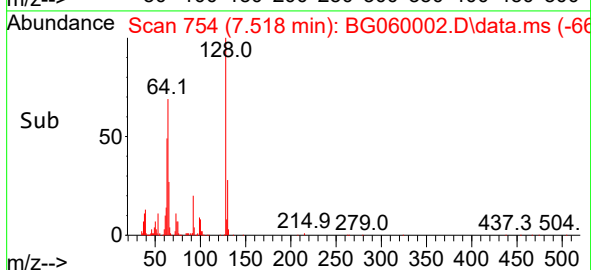
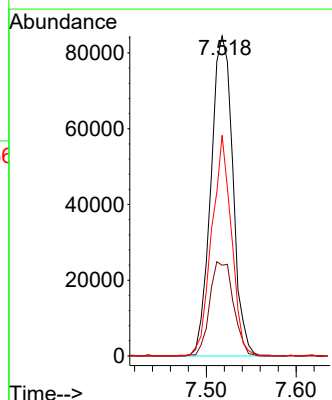
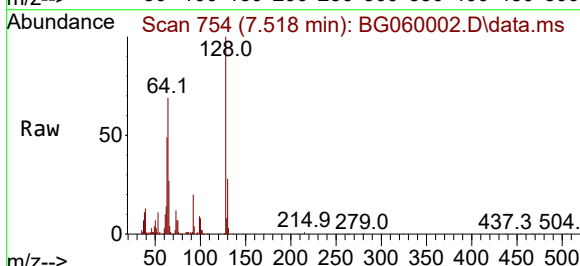
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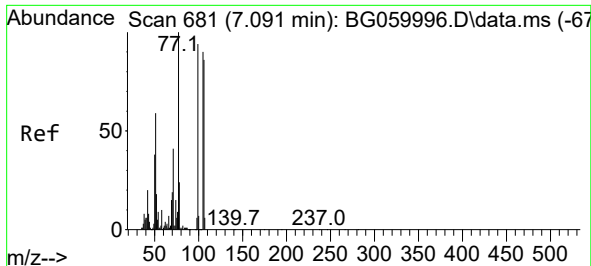
Tgt Ion: 99 Resp: 605648
Ion Ratio Lower Upper
99 100
42 18.4 16.2 24.4
71 47.6 37.6 56.4



#8
2-Chlorophenol
Concen: 51.947 ng
RT: 7.518 min Scan# 754
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion: 128 Resp: 143175
Ion Ratio Lower Upper
128 100
130 28.3 10.3 50.3
64 68.9 44.2 84.2

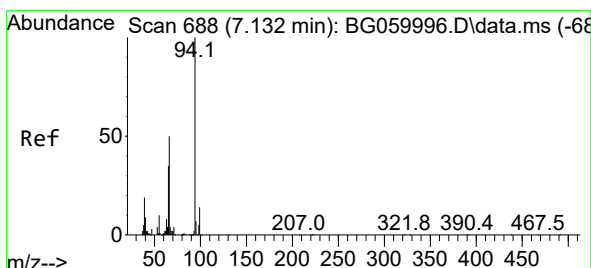
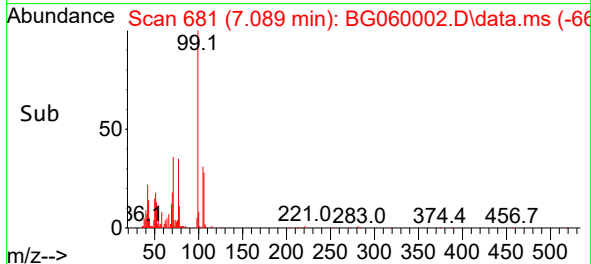
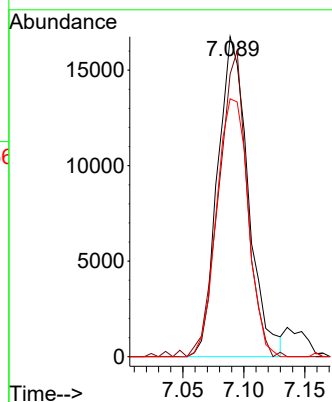
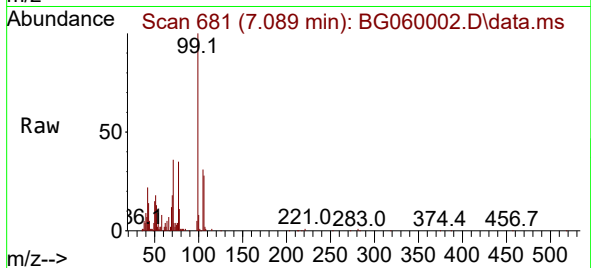




#9
Benzaldehyde
Concen: 11.771 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.002 min
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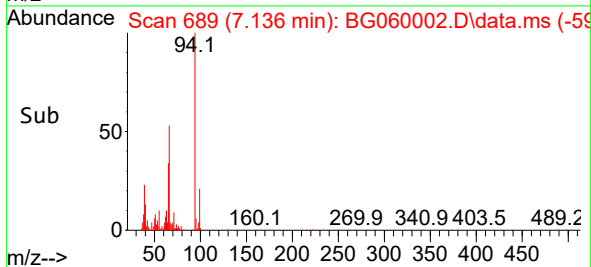
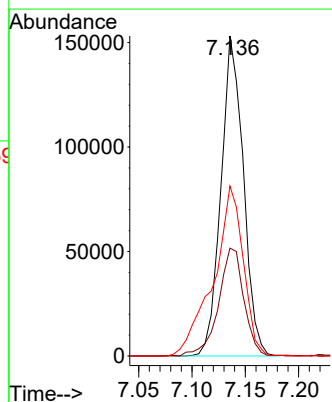
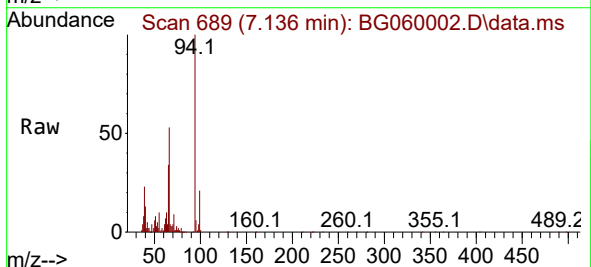
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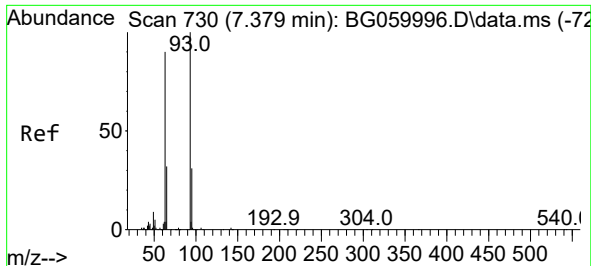
Tgt Ion: 77 Resp: 29282
Ion Ratio Lower Upper
77 100
105 88.3 70.5 110.5
106 80.6 66.0 106.0



#10
Phenol
Concen: 54.261 ng
RT: 7.136 min Scan# 689
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion: 94 Resp: 223009
Ion Ratio Lower Upper
94 100
65 33.7 15.5 55.5
66 53.1 31.6 71.6

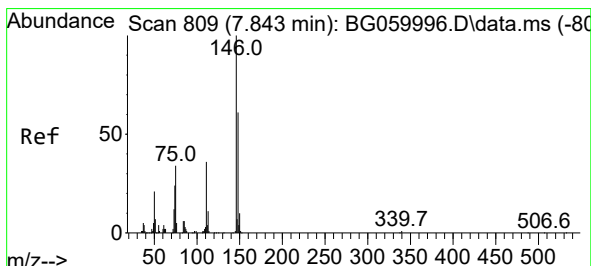
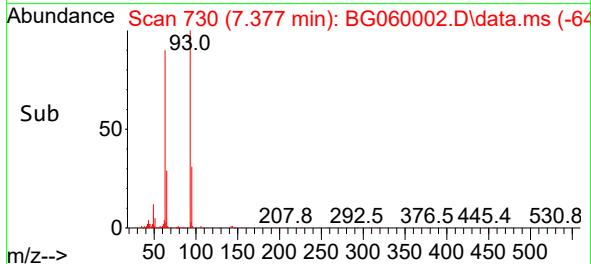
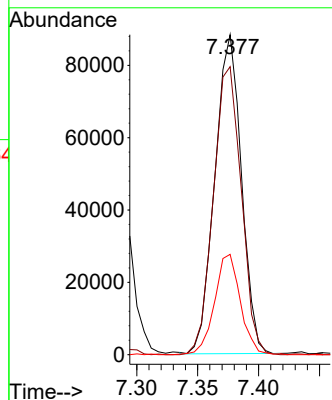
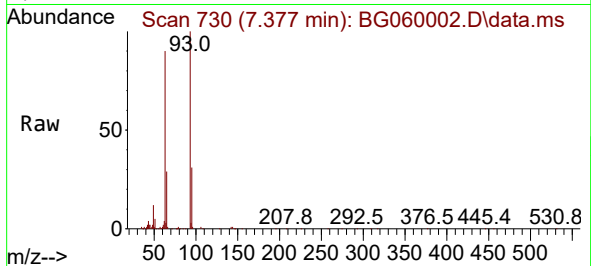




#11
bis(2-Chloroethyl)ether
Concen: 45.503 ng
RT: 7.377 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

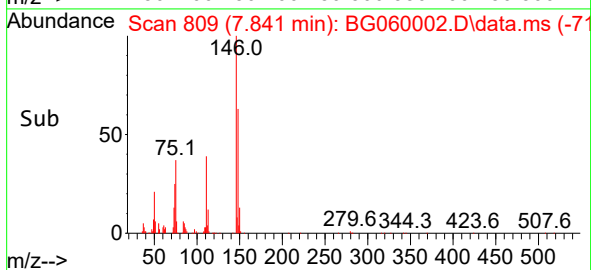
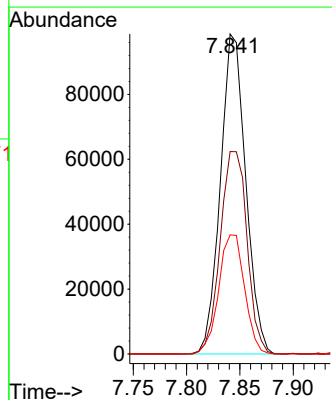
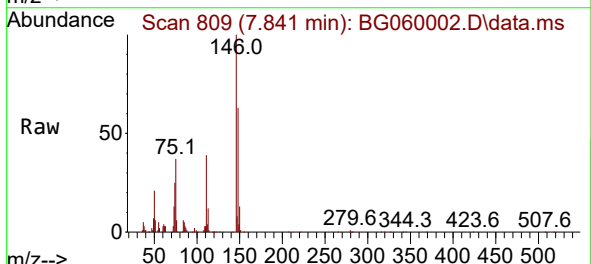
Instrument :
BNA_G
ClientSampleId :
PB157585BS

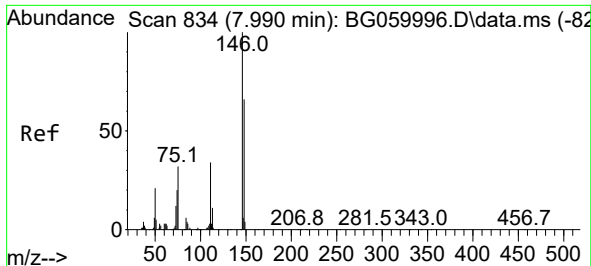
Tgt Ion: 93 Resp: 133883
Ion Ratio Lower Upper
93 100
63 90.0 69.8 109.8
95 31.4 10.7 50.7



#12
1,3-Dichlorobenzene
Concen: 44.264 ng
RT: 7.841 min Scan# 809
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:146 Resp: 163144
Ion Ratio Lower Upper
146 100
148 63.3 49.1 73.7
75 37.2 27.0 40.6

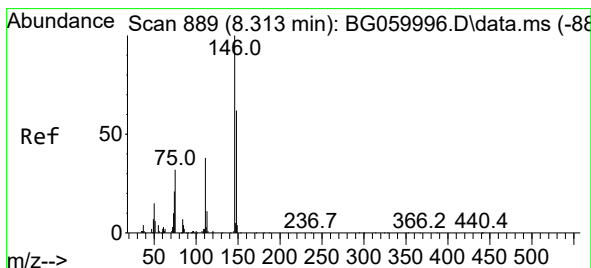
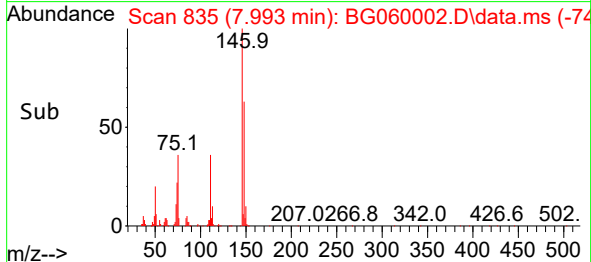
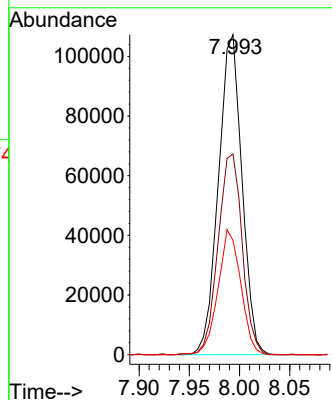
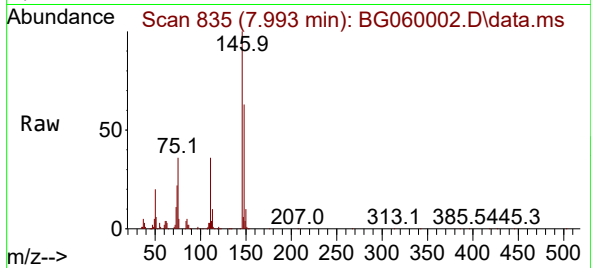




#13
1,4-Dichlorobenzene
Concen: 45.534 ng
RT: 7.993 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

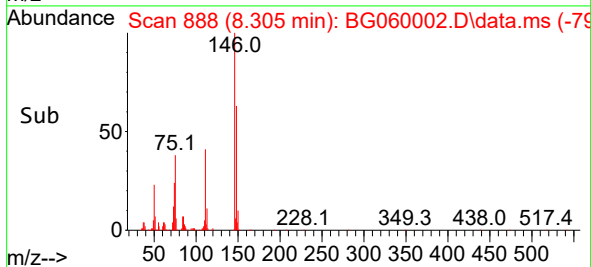
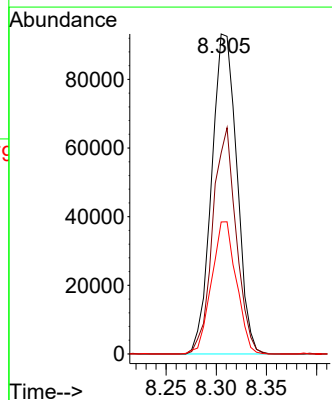
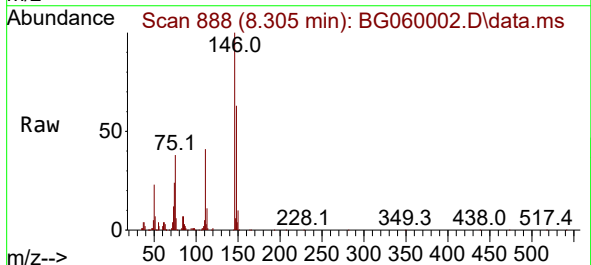
Instrument :
BNA_G
ClientSampleId :
PB157585BS

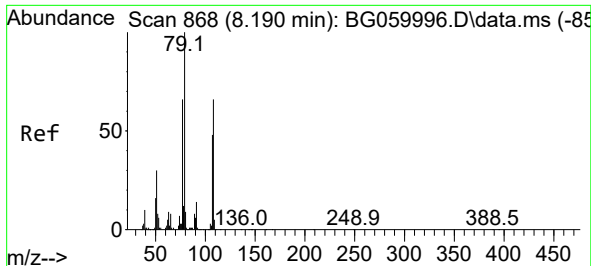
Tgt Ion:146 Resp: 174635
Ion Ratio Lower Upper
146 100
148 62.7 52.9 79.3
111 35.7 27.6 41.4



#14
1,2-Dichlorobenzene
Concen: 44.269 ng
RT: 8.305 min Scan# 888
Delta R.T. -0.008 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:146 Resp: 163349
Ion Ratio Lower Upper
146 100
148 62.8 49.7 74.5
111 41.3 30.9 46.3

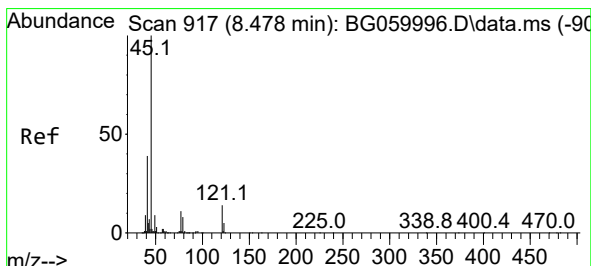
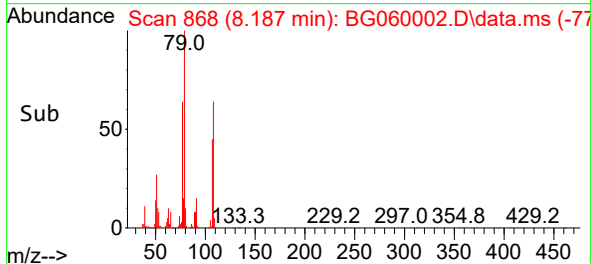
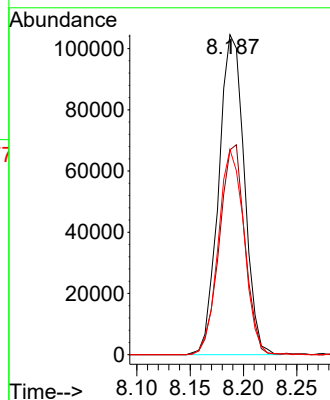
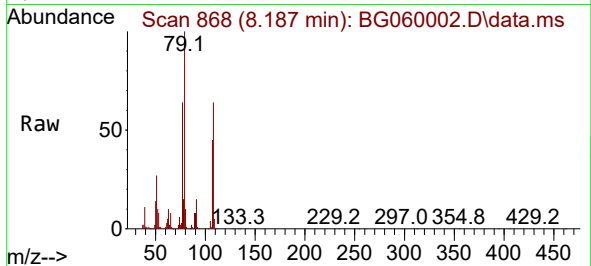




#15
Benzyl Alcohol
Concen: 52.981 ng
RT: 8.187 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

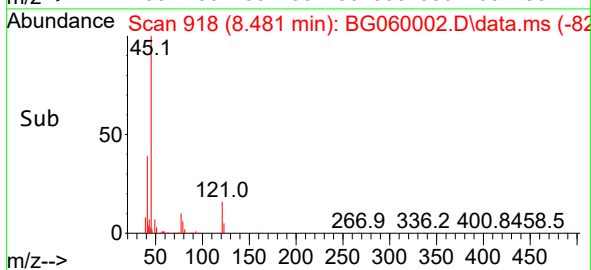
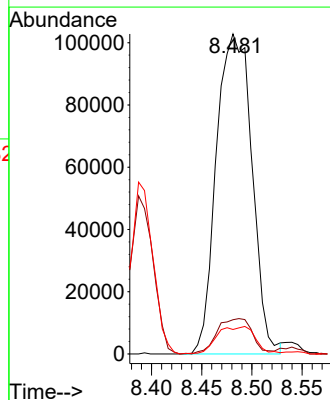
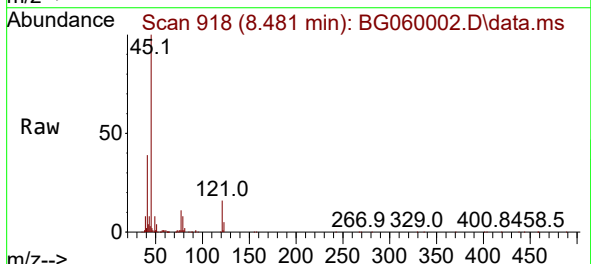
Instrument :
BNA_G
ClientSampleId :
PB157585BS

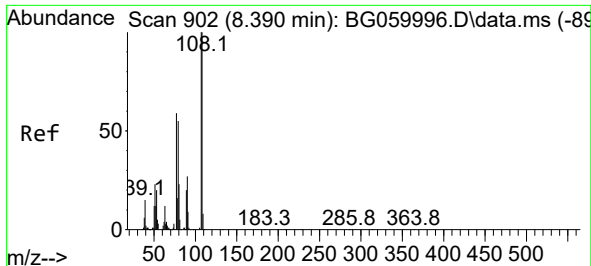
Tgt Ion: 79 Resp: 174212
Ion Ratio Lower Upper
79 100
108 64.0 53.1 79.7
77 64.1 52.8 79.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.072 ng
RT: 8.481 min Scan# 918
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion: 45 Resp: 253100
Ion Ratio Lower Upper
45 100
77 10.7 0.0 31.7
79 7.7 0.0 28.7

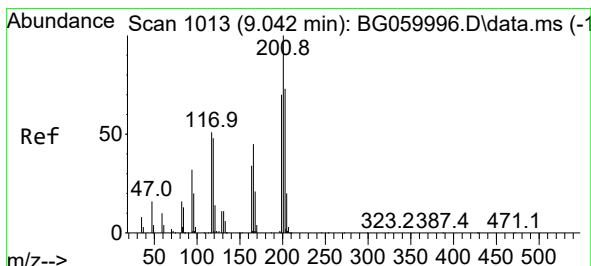
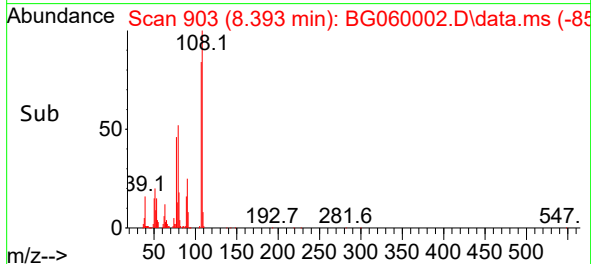
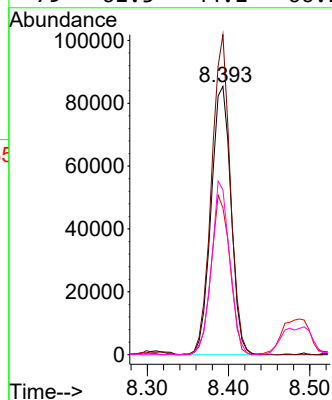
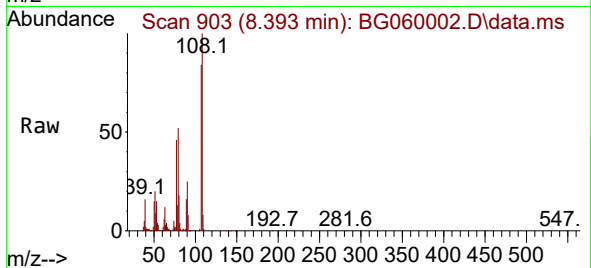




#17
2-Methylphenol
Concen: 52.930 ng
RT: 8.393 min Scan# 902
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

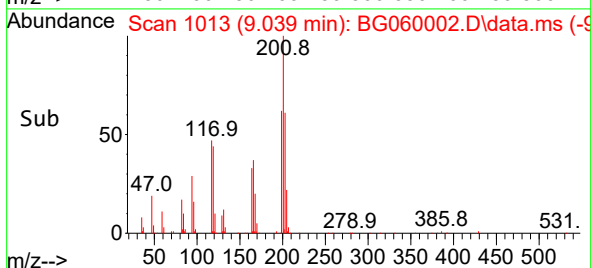
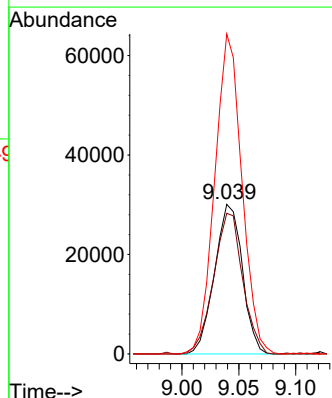
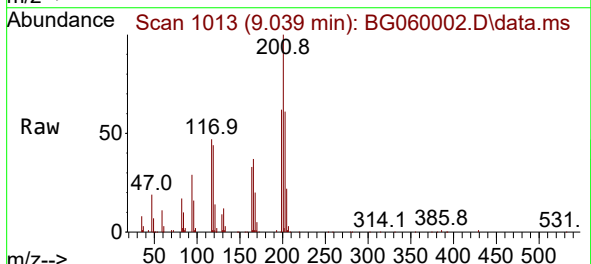
Instrument :
BNA_G
ClientSampleId :
PB157585BS

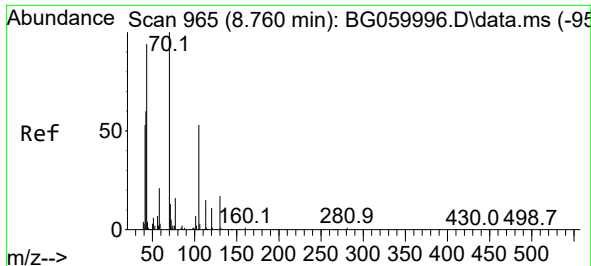
Tgt Ion:	107	Resp:	145033
Ion	Ratio	Lower	Upper
107	100		
108	119.3	80.7	121.1
77	54.7	47.8	71.6
79	61.5	44.1	66.1



#18
Hexachloroethane
Concen: 43.971 ng
RT: 9.039 min Scan# 1013
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:	117	Resp:	51086
Ion	Ratio	Lower	Upper
117	100		
119	93.9	74.5	111.7
201	213.8	156.5	234.7

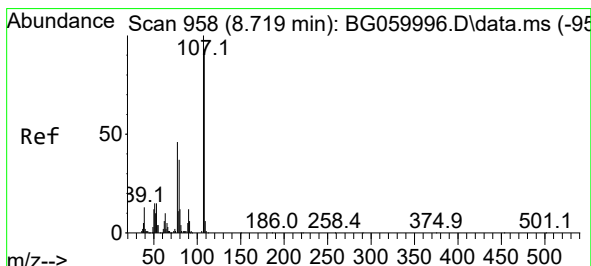
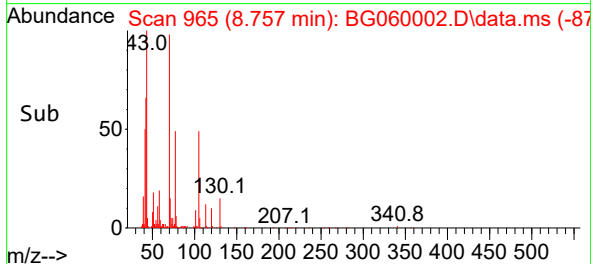
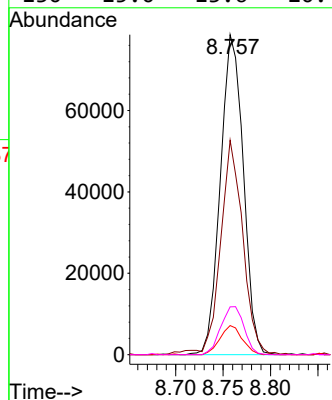
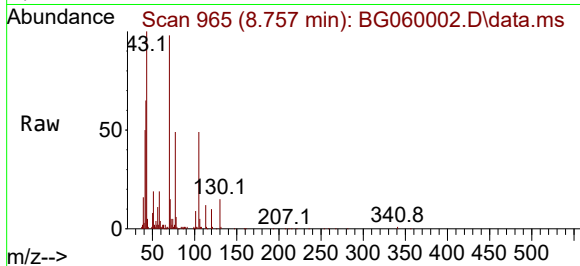




#19
n-Nitroso-di-n-propylamine
Concen: 50.128 ng
RT: 8.757 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

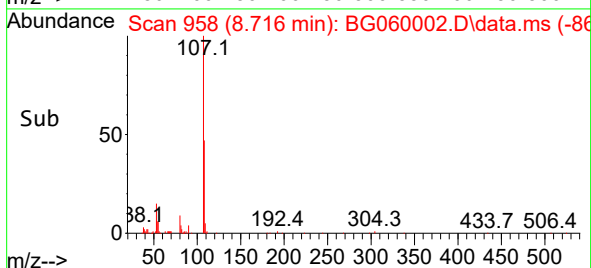
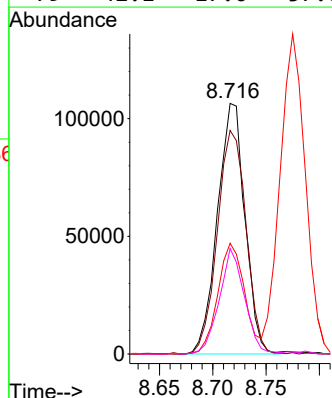
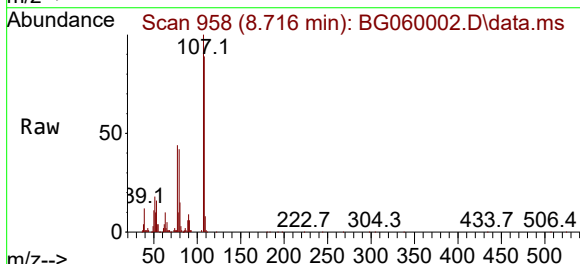
Instrument :
BNA_G
ClientSampleId :
PB157585BS

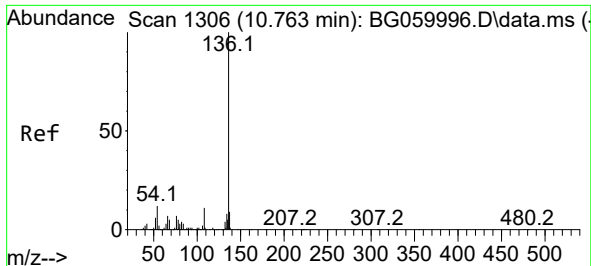
Tgt Ion: 70 Resp: 132316
Ion Ratio Lower Upper
70 100
42 67.0 48.6 73.0
101 9.1 5.7 8.5#
130 15.0 13.6 20.4



#20
3+4-Methylphenols
Concen: 49.917 ng
RT: 8.716 min Scan# 958
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion: 107 Resp: 191049
Ion Ratio Lower Upper
107 100
108 89.2 72.8 112.8
77 44.2 25.6 65.6
79 42.1 17.0 57.0

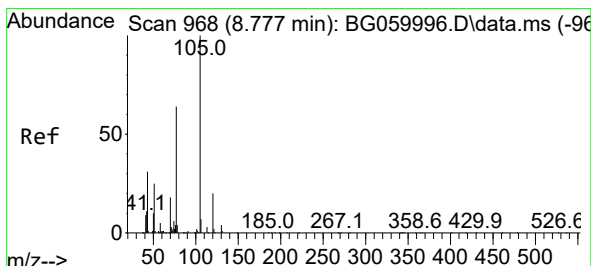
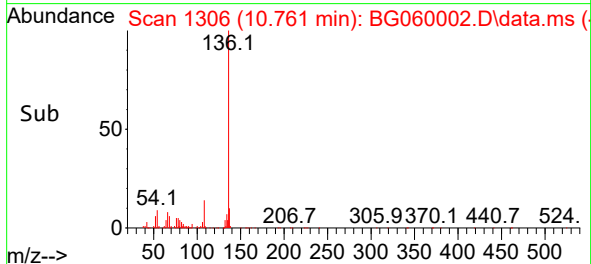
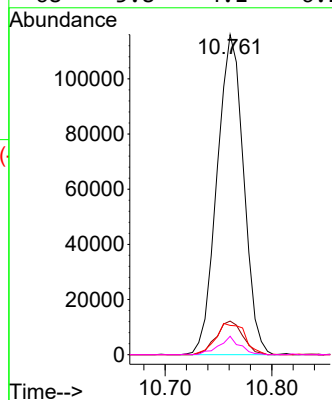
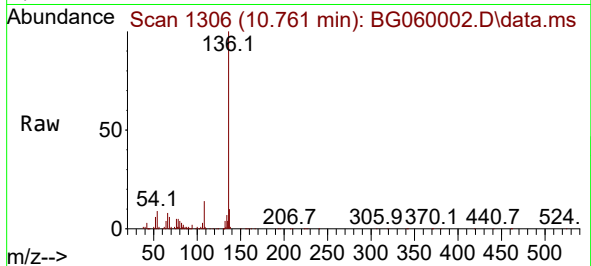




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1306
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

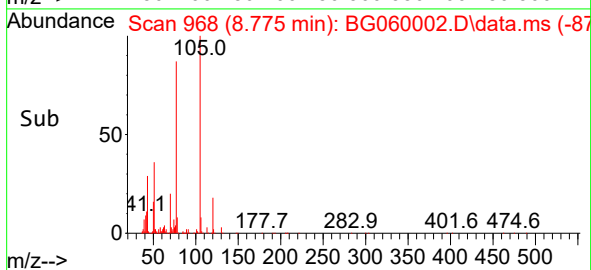
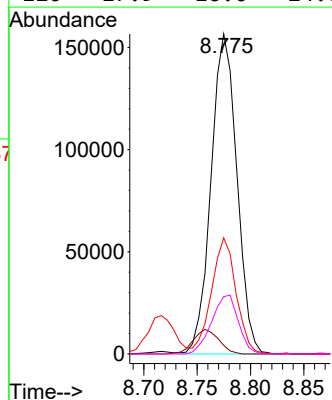
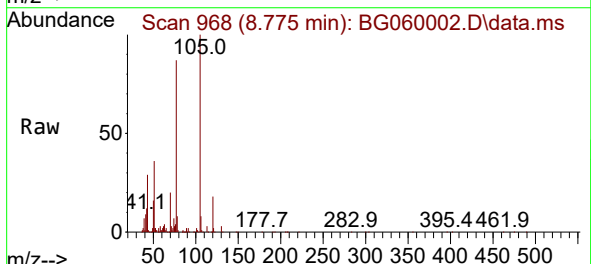
Instrument :
BNA_G
ClientSampleId :
PB157585BS

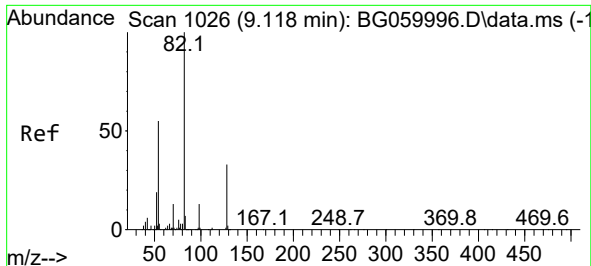
Tgt Ion:	136	Resp:	201015
Ion Ratio	Lower	Upper	
136	100		
137	10.5	7.3	10.9
54	9.1	9.6	14.4#
68	5.8	4.1	6.1



#22
Acetophenone
Concen: 45.011 ng
RT: 8.775 min Scan# 968
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:	105	Resp:	263662
Ion Ratio	Lower	Upper	
105	100		
71	2.7	2.1	3.1
51	36.3	25.4	38.0
120	17.9	16.0	24.0

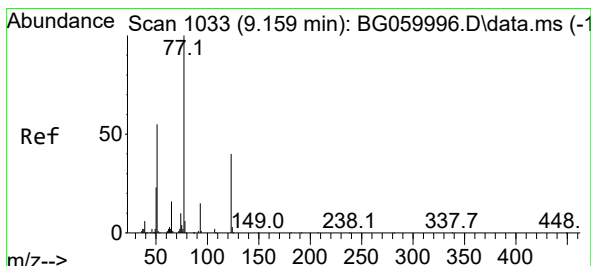
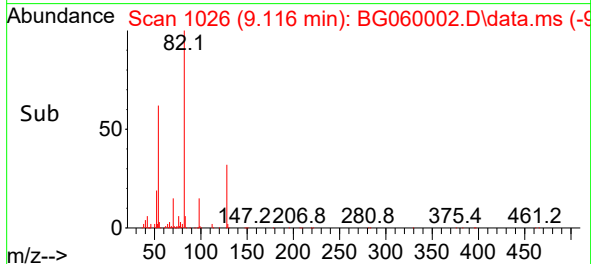
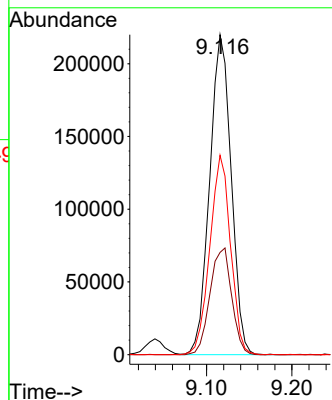
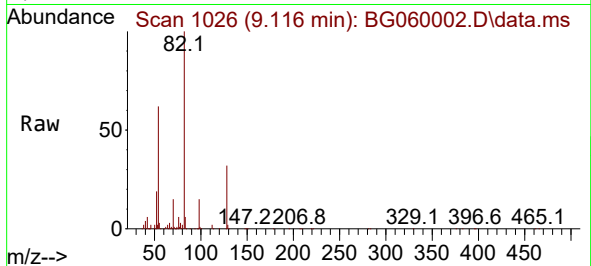




#23
Nitrobenzene-d5
Concen: 87.175 ng
RT: 9.116 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

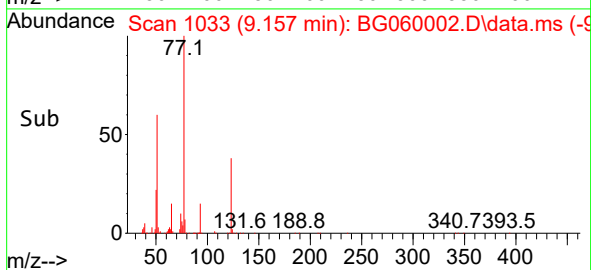
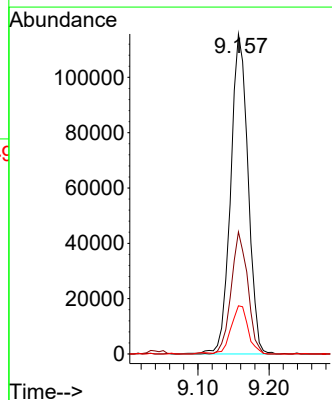
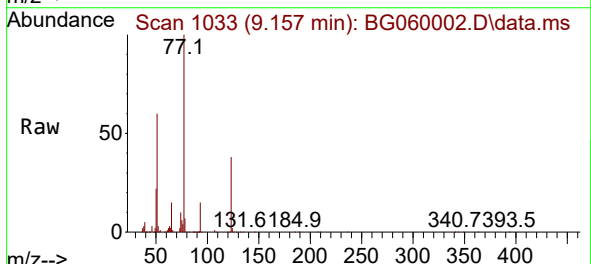
Instrument :
BNA_G
ClientSampleId :
PB157585BS

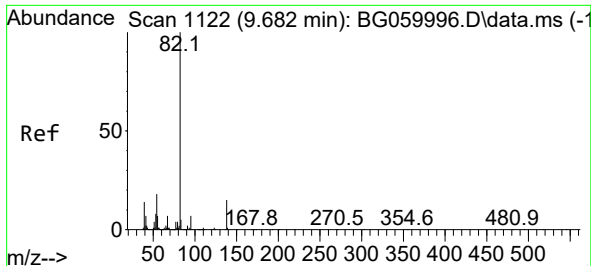
Tgt Ion: 82 Resp: 385908
Ion Ratio Lower Upper
82 100
128 31.9 26.3 39.5
54 62.3 44.3 66.5



#24
Nitrobenzene
Concen: 43.751 ng
RT: 9.157 min Scan# 1033
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion: 77 Resp: 196632
Ion Ratio Lower Upper
77 100
123 38.1 32.1 48.1
65 15.0 13.0 19.4

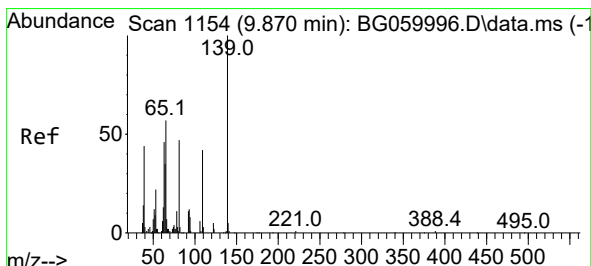
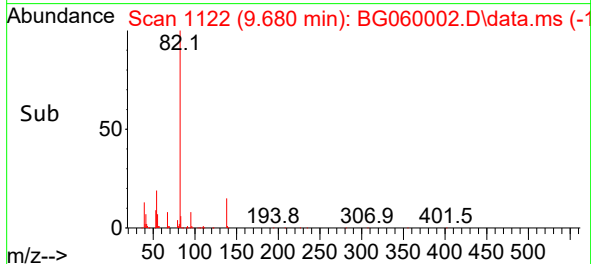
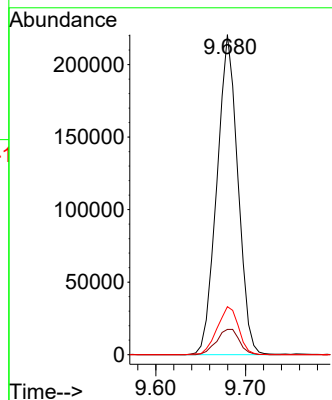
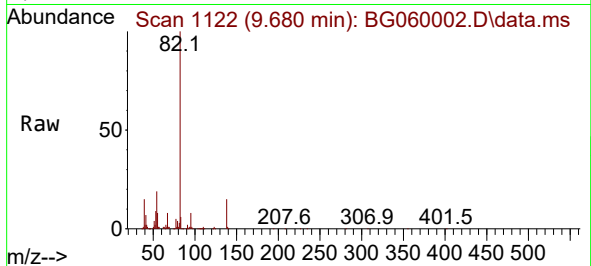




#25
Isophorone
Concen: 42.220 ng
RT: 9.680 min Scan# 1122
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

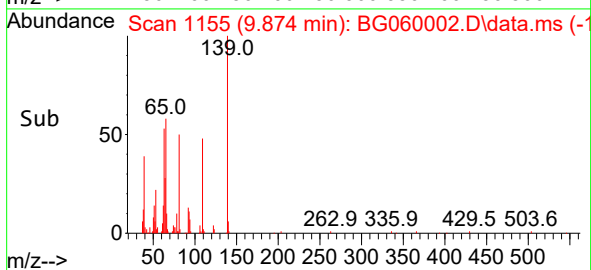
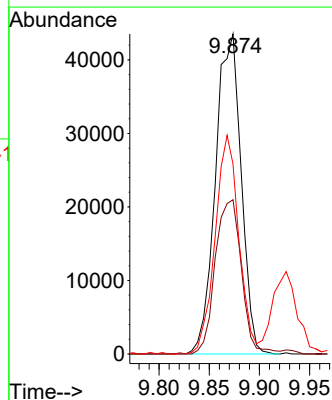
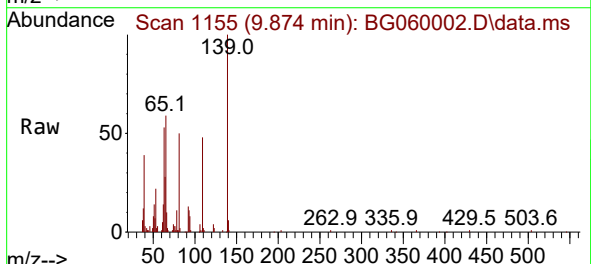
Instrument :
BNA_G
ClientSampleId :
PB157585BS

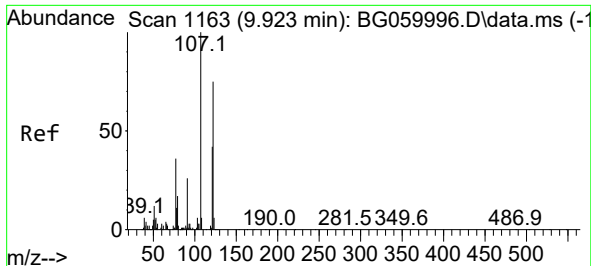
Tgt Ion: 82 Resp: 357712
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.8
138 15.0 11.6 17.4



#26
2-Nitrophenol
Concen: 46.676 ng
RT: 9.874 min Scan# 1155
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:139 Resp: 77150
Ion Ratio Lower Upper
139 100
109 48.2 33.8 50.6
65 59.4 45.2 67.8





#27

2,4-Dimethylphenol

Concen: 60.025 ng

RT: 9.927 min Scan# 1163

Delta R.T. 0.003 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS

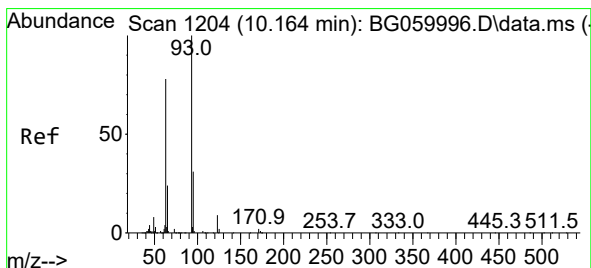
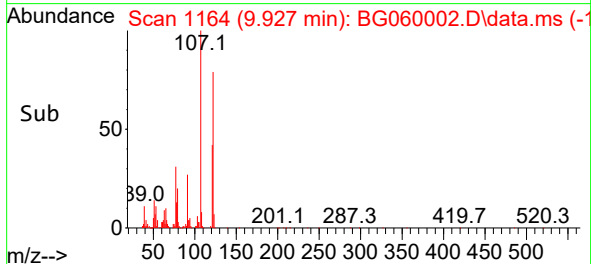
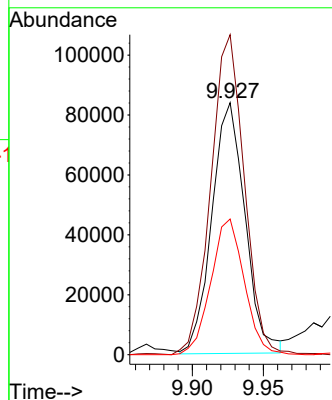
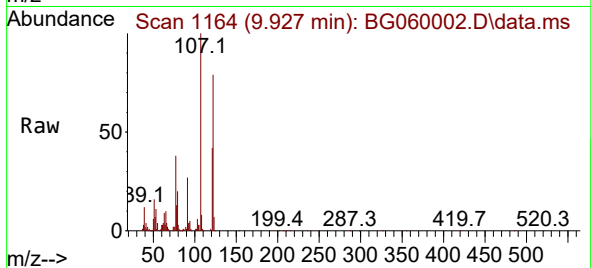
Tgt Ion:122 Resp: 135994

Ion Ratio Lower Upper

122 100

107 127.0 105.9 158.9

121 53.9 44.5 66.7



#28

bis(2-Chloroethoxy)methane

Concen: 42.850 ng

RT: 10.167 min Scan# 1205

Delta R.T. 0.003 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

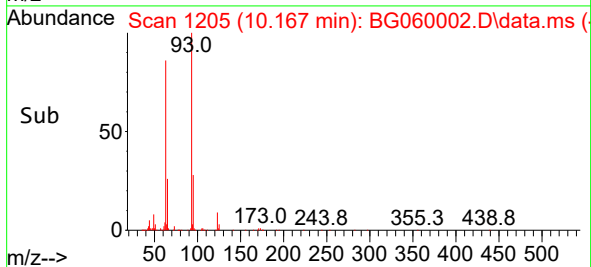
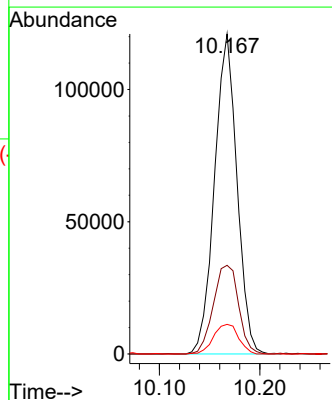
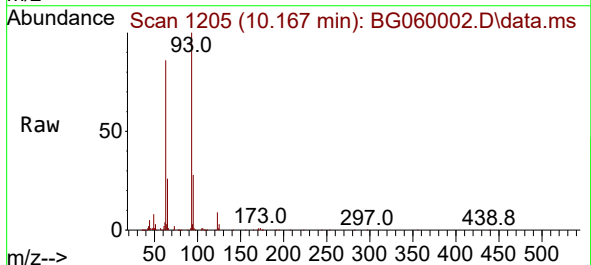
Tgt Ion: 93 Resp: 187445

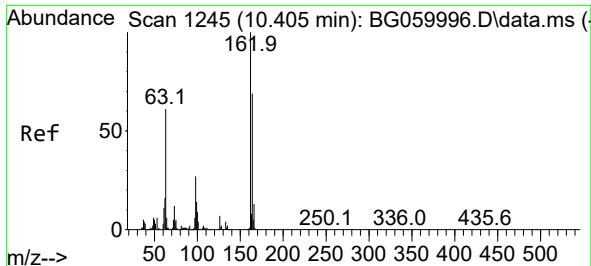
Ion Ratio Lower Upper

93 100

95 27.7 24.7 37.1

123 9.3 7.5 11.3





#29

2,4-Dichlorophenol

Concen: 49.612 ng

RT: 10.402 min Scan# 1245

Delta R.T. -0.002 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS

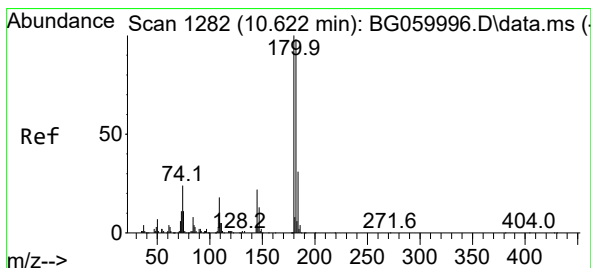
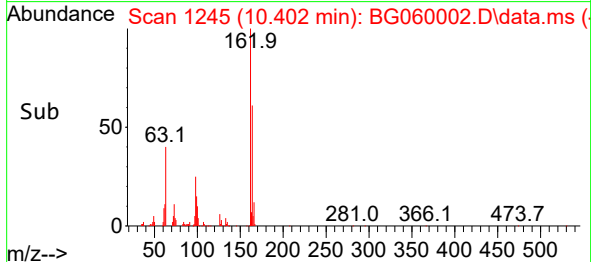
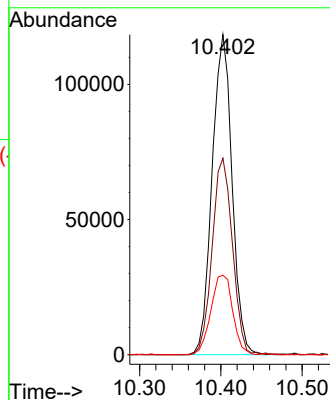
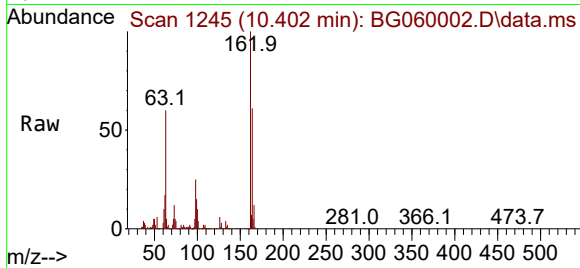
Tgt Ion:162 Resp: 201881

Ion Ratio Lower Upper

162 100

164 61.4 48.8 88.8

98 24.8 7.2 47.2



#30

1,2,4-Trichlorobenzene

Concen: 42.480 ng

RT: 10.620 min Scan# 1282

Delta R.T. -0.002 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

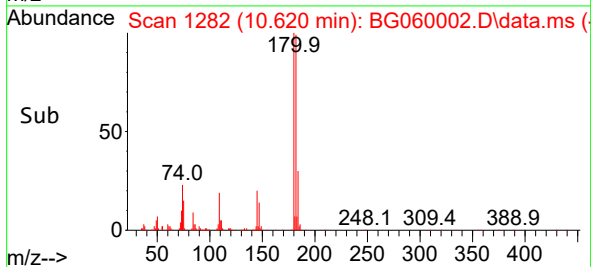
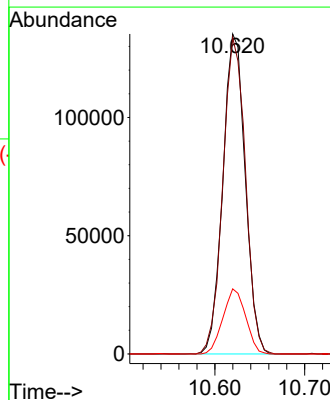
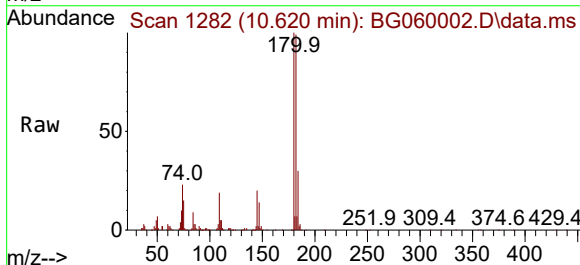
Tgt Ion:180 Resp: 233982

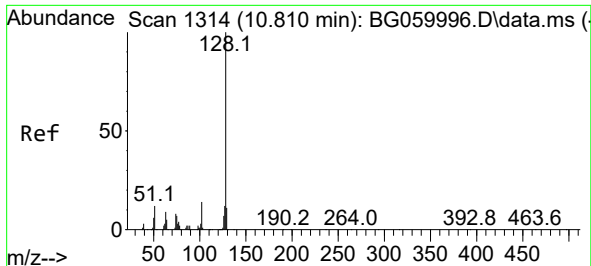
Ion Ratio Lower Upper

180 100

182 98.9 78.2 117.4

145 20.4 17.2 25.8

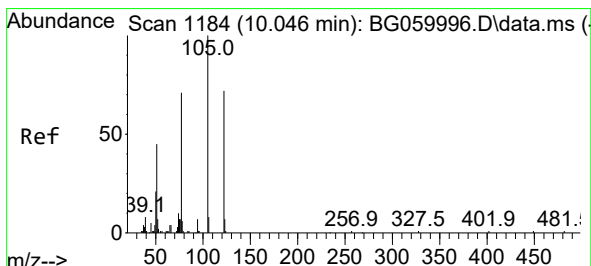
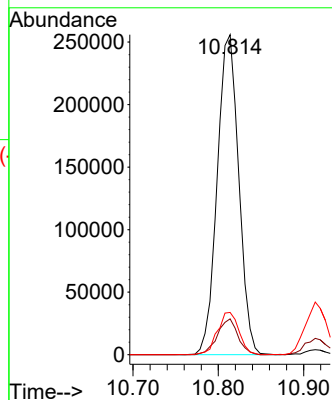
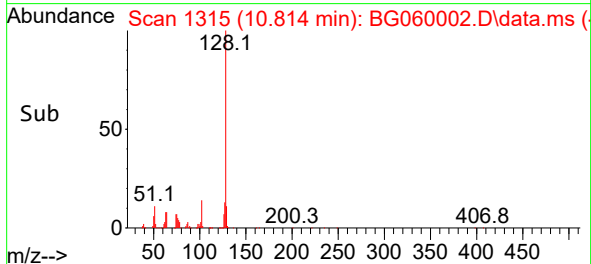
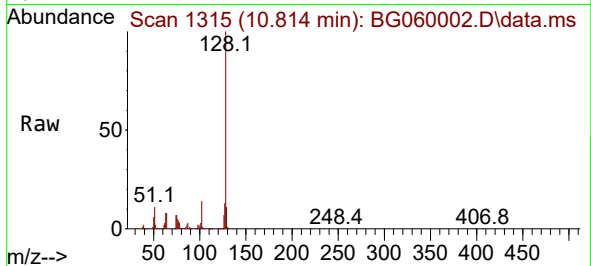




#31
Naphthalene
Concen: 42.887 ng
RT: 10.814 min Scan# 1184
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

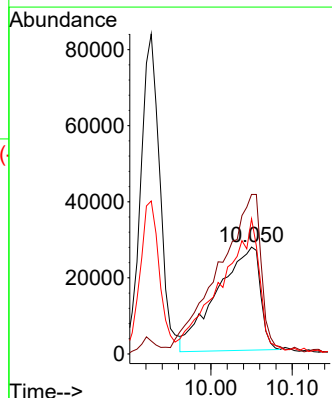
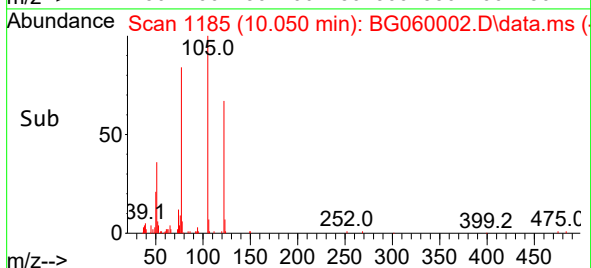
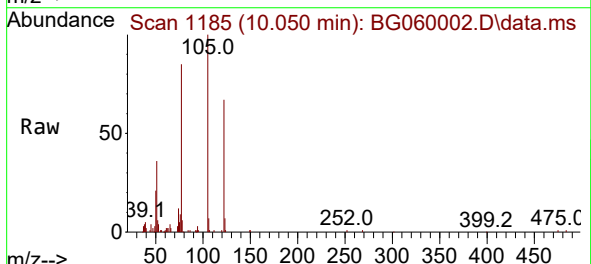
Instrument :
BNA_G
ClientSampleId :
PB157585BS

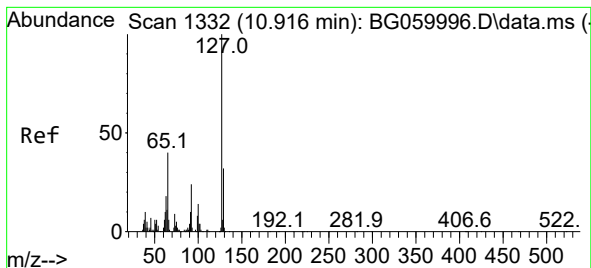
Tgt Ion:128 Resp: 448784
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.2 9.7 14.5



#32
Benzoic acid
Concen: 48.731 ng
RT: 10.050 min Scan# 1185
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:122 Resp: 100430
Ion Ratio Lower Upper
122 100
105 149.2 106.2 146.2#
77 126.4 80.4 120.4#

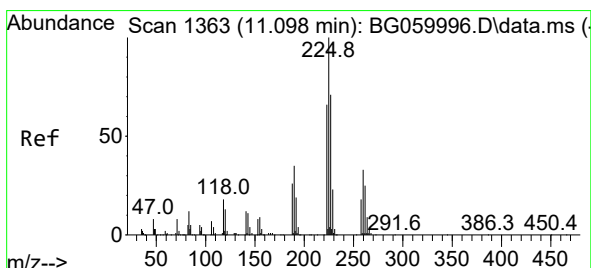
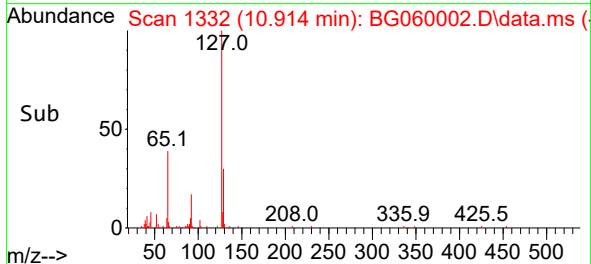
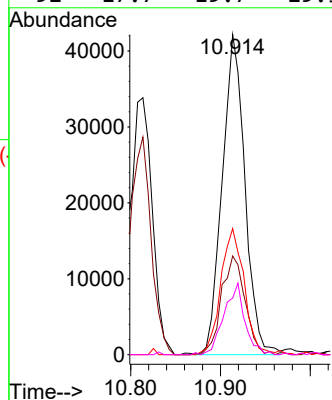
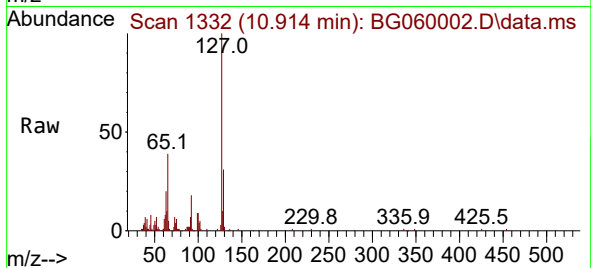




#33
4-Chloroaniline
Concen: 18.613 ng
RT: 10.914 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

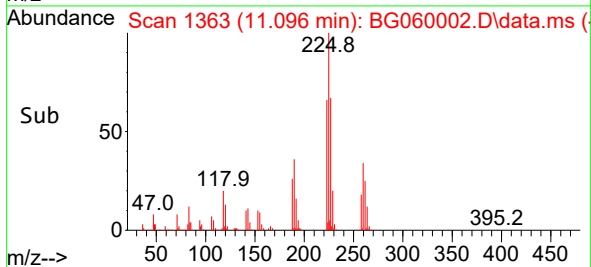
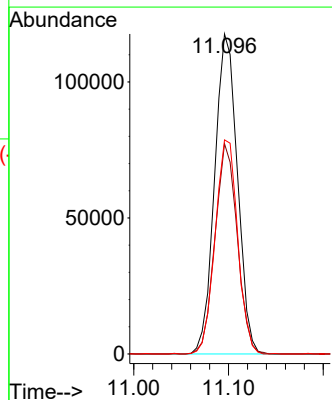
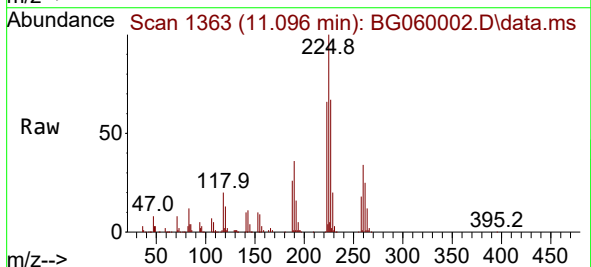
Instrument :
BNA_G
ClientSampleId :
PB157585BS

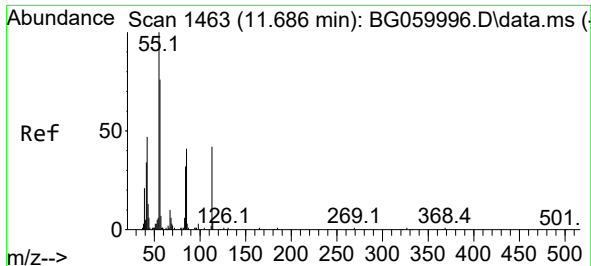
Tgt Ion:127	Resp:	74113
Ion Ratio	Lower	Upper
127	100	
129	30.9	25.7 38.5
65	39.4	32.3 48.5
92	17.7	19.7 29.5



#34
Hexachlorobutadiene
Concen: 38.873 ng
RT: 11.096 min Scan# 1363
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:225	Resp:	195966
Ion Ratio	Lower	Upper
225	100	
223	65.7	52.4 78.6
227	66.9	56.6 85.0

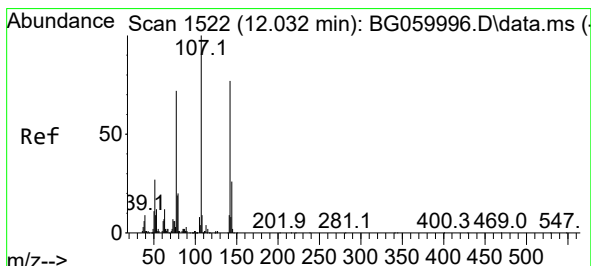
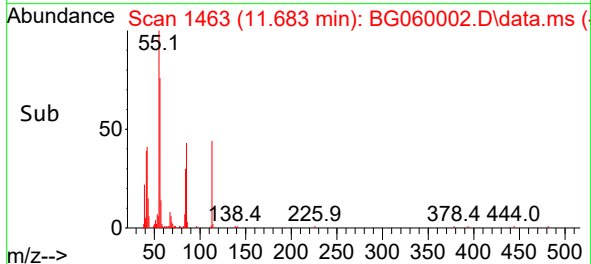
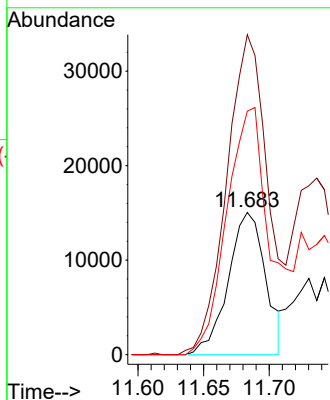
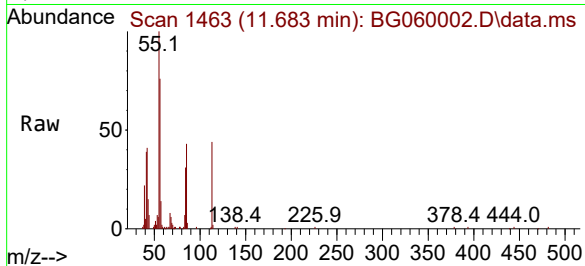




#35
Caprolactam
Concen: 28.852 ng
RT: 11.683 min Scan# 1463
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

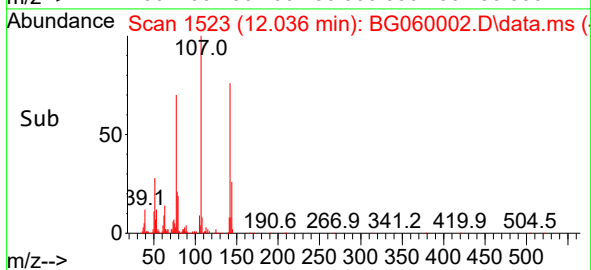
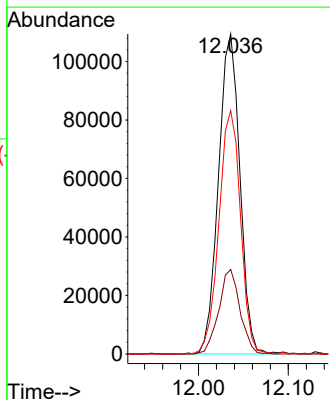
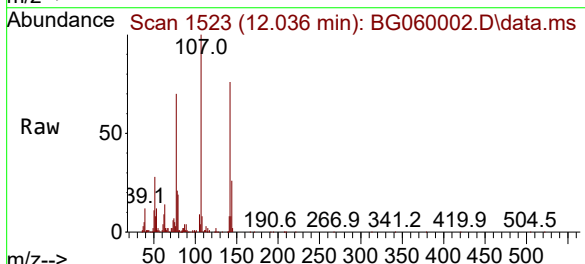
Instrument :
BNA_G
ClientSampleId :
PB157585BS

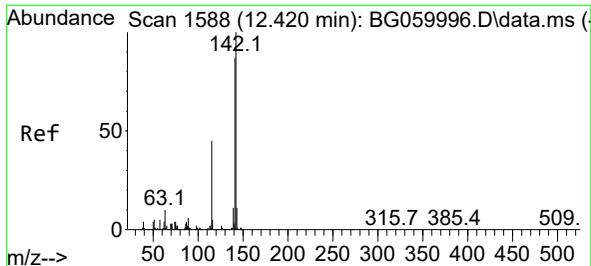
Tgt Ion:113 Resp: 29824
Ion Ratio Lower Upper
113 100
55 224.9 219.5 259.5
56 171.1 161.6 201.6



#36
4-Chloro-3-methylphenol
Concen: 48.966 ng
RT: 12.036 min Scan# 1523
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:107 Resp: 181215
Ion Ratio Lower Upper
107 100
144 26.4 20.4 30.6
142 76.1 61.4 92.0





#37

2-Methylnaphthalene

Concen: 42.650 ng

RT: 12.418 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS

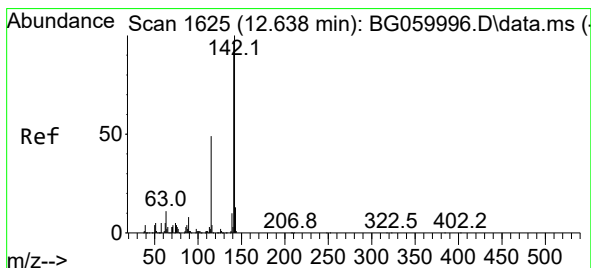
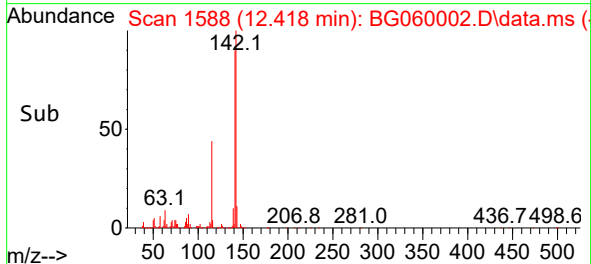
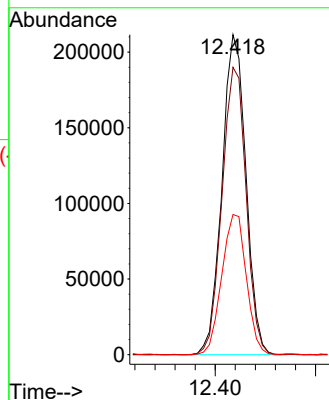
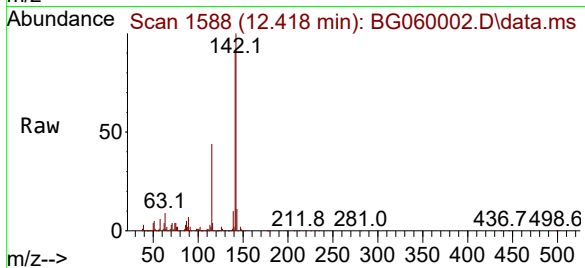
Tgt Ion:142 Resp: 350043

Ion Ratio Lower Upper

142 100

141 89.8 69.9 104.9

115 43.8 36.1 54.1



#38

1-Methylnaphthalene

Concen: 43.186 ng

RT: 12.641 min Scan# 1626

Delta R.T. 0.003 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

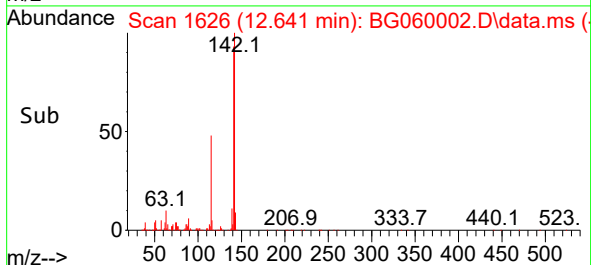
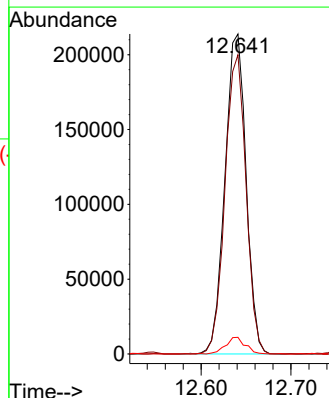
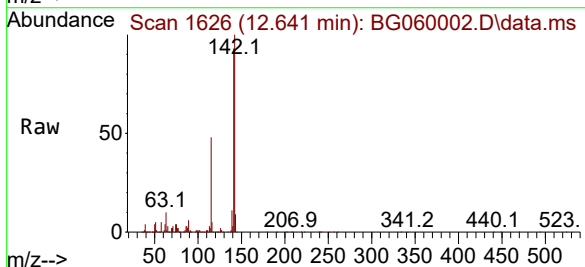
Tgt Ion:142 Resp: 350125

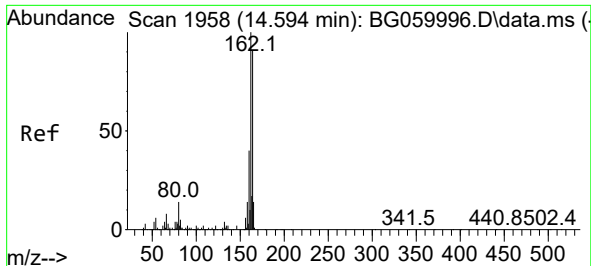
Ion Ratio Lower Upper

142 100

141 93.5 76.9 115.3

116 5.2 3.5 5.3

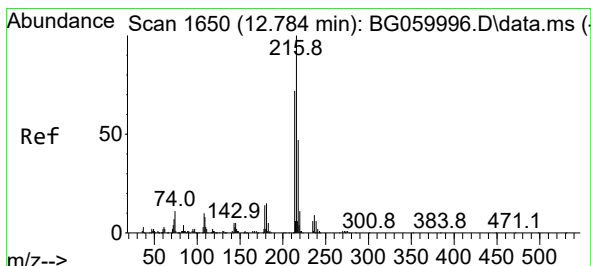
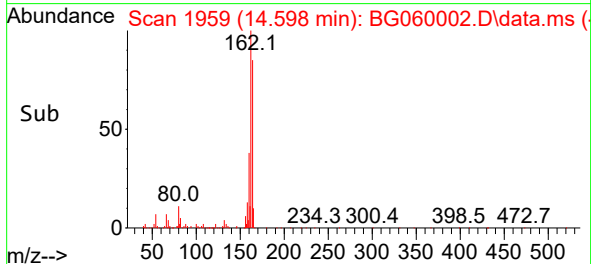
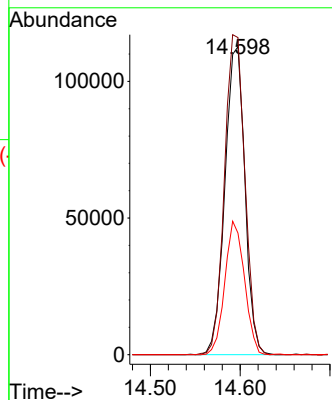
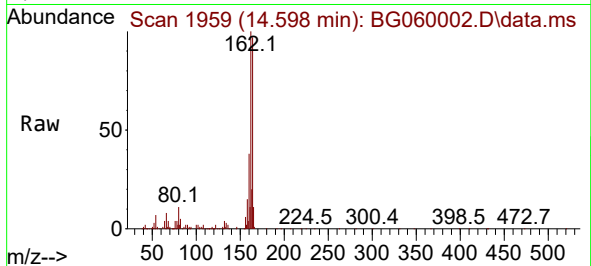




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1958
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

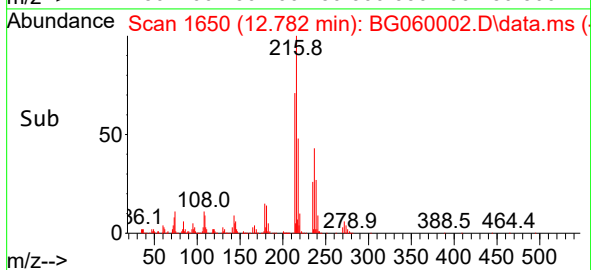
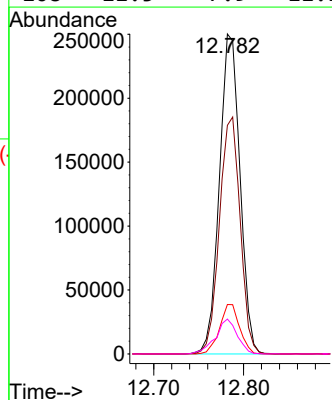
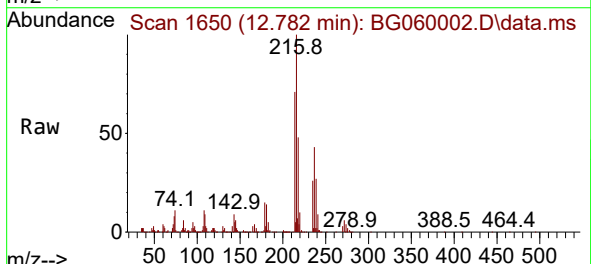
Instrument :
BNA_G
ClientSampleId :
PB157585BS

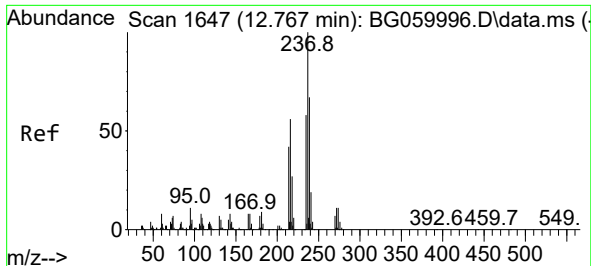
Tgt Ion:164 Resp: 174317
Ion Ratio Lower Upper
164 100
162 103.0 88.1 132.1
160 39.5 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.835 ng
RT: 12.782 min Scan# 1650
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:216 Resp: 398356
Ion Ratio Lower Upper
216 100
214 74.5 60.3 90.5
179 15.0 11.9 17.9
108 11.5 7.9 11.9

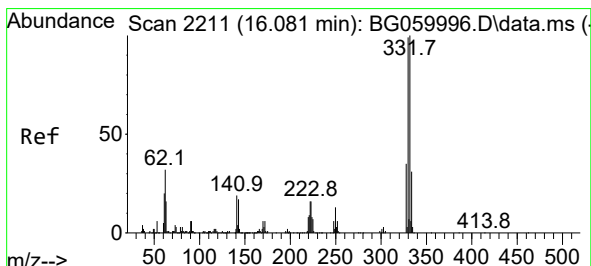
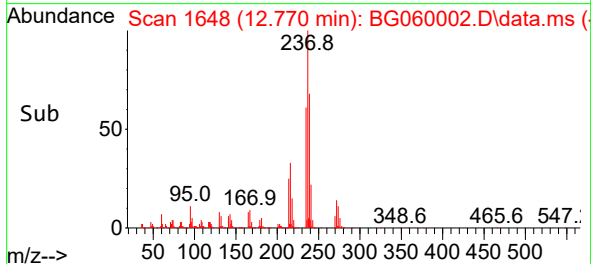
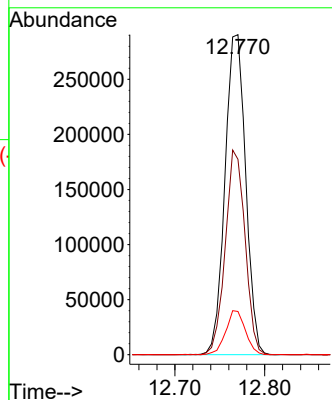
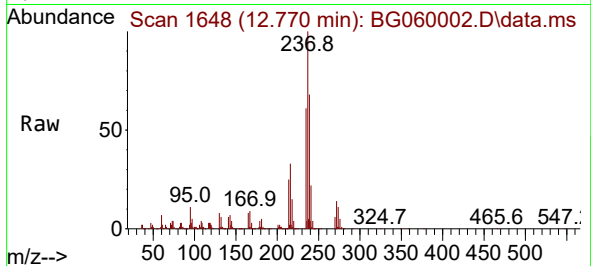




#41
Hexachlorocyclopentadiene
Concen: 123.878 ng
RT: 12.770 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

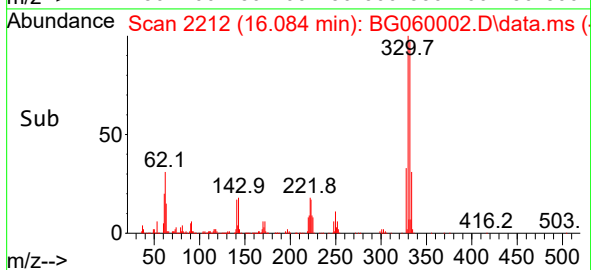
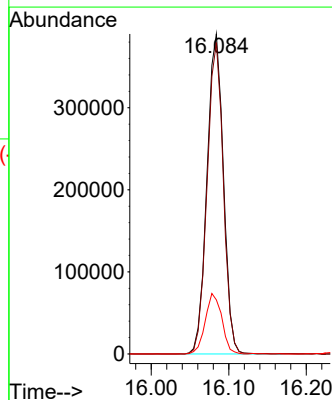
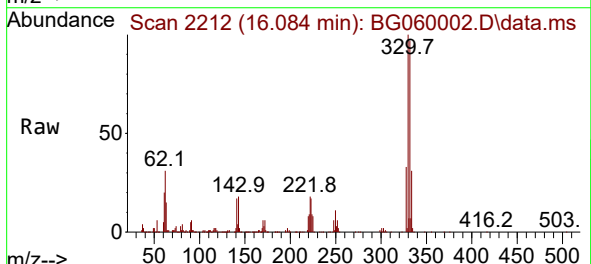
Instrument :
BNA_G
ClientSampleId :
PB157585BS

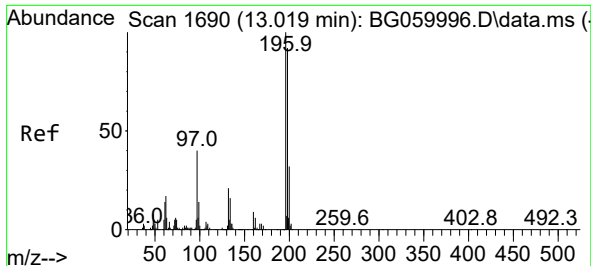
Tgt Ion:237 Resp: 465130
Ion Ratio Lower Upper
237 100
235 61.1 38.5 78.5
272 13.5 0.0 31.2



#42
2,4,6-Tribromophenol
Concen: 141.313 ng
RT: 16.084 min Scan# 2212
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:330 Resp: 574071
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 19.0 14.3 21.5

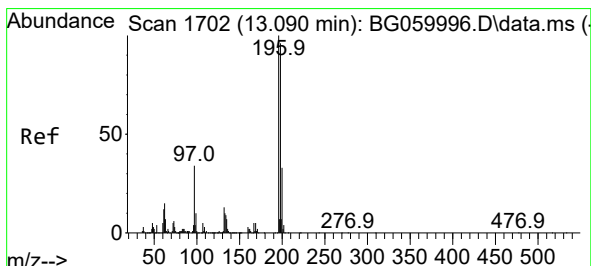
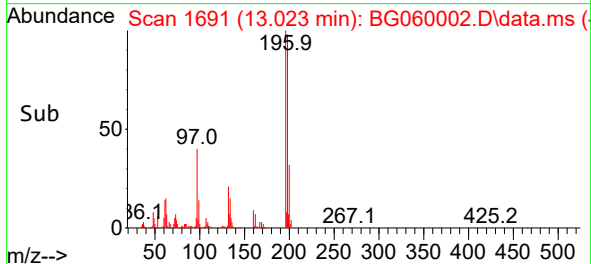
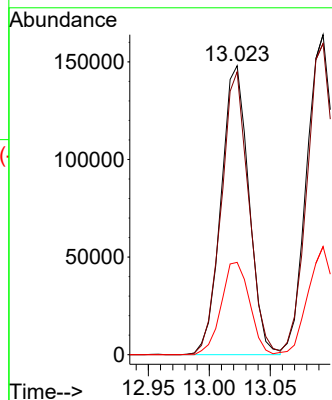
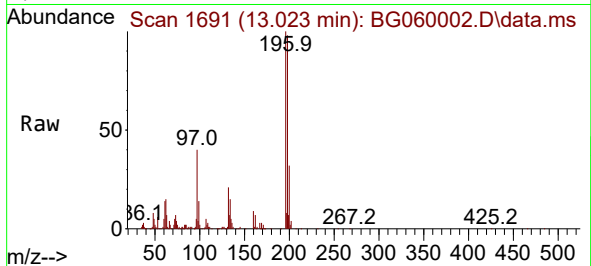




#43
2,4,6-Trichlorophenol
Concen: 46.155 ng
RT: 13.023 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

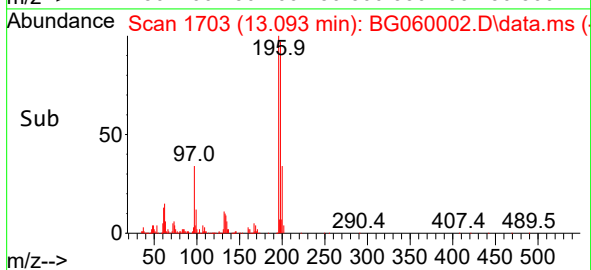
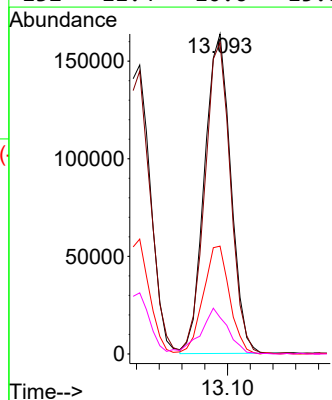
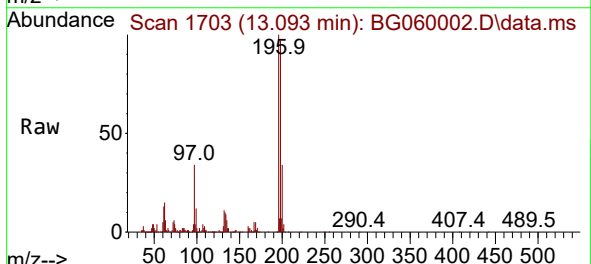
Instrument :
BNA_G
ClientSampleId :
PB157585BS

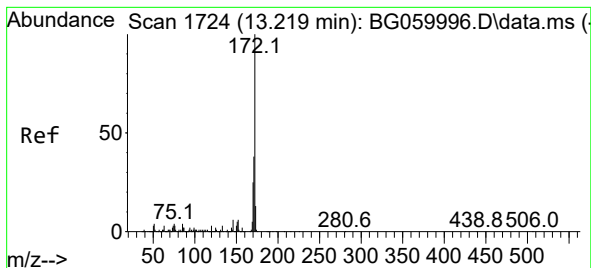
Tgt Ion:196 Resp: 235176
Ion Ratio Lower Upper
196 100
198 97.9 73.4 110.0
200 32.0 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 47.175 ng
RT: 13.093 min Scan# 1703
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:196 Resp: 261455
Ion Ratio Lower Upper
196 100
198 97.3 76.4 114.6
97 33.7 27.0 40.4
132 11.4 10.6 15.8





#45

2-Fluorobiphenyl

Concen: 84.844 ng

RT: 13.217 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS

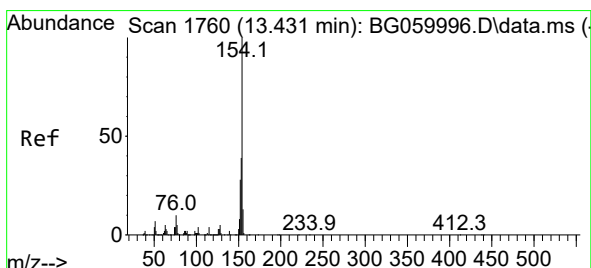
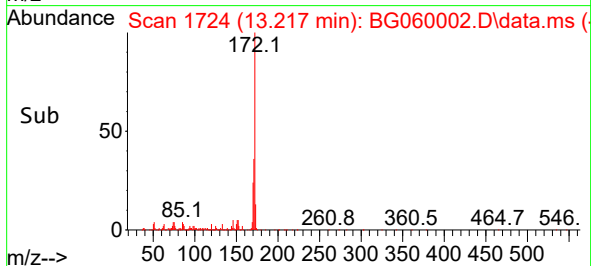
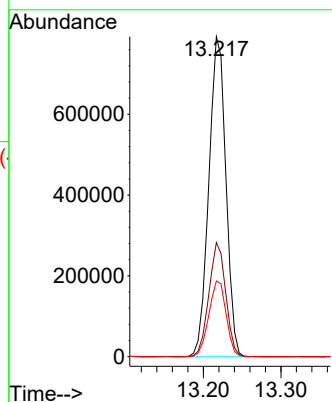
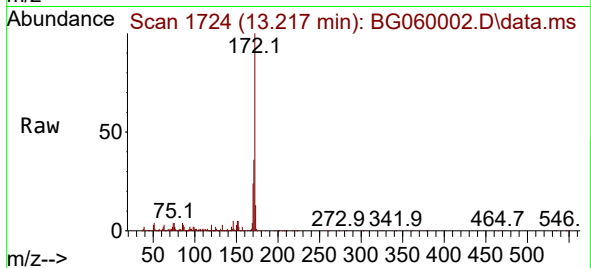
Tgt Ion:172 Resp: 1208410

Ion Ratio Lower Upper

172 100

171 35.6 30.1 45.1

170 23.7 20.0 30.0



#46

1,1'-Biphenyl

Concen: 44.642 ng

RT: 13.428 min Scan# 1760

Delta R.T. -0.002 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

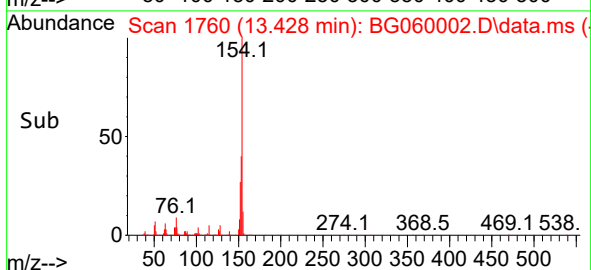
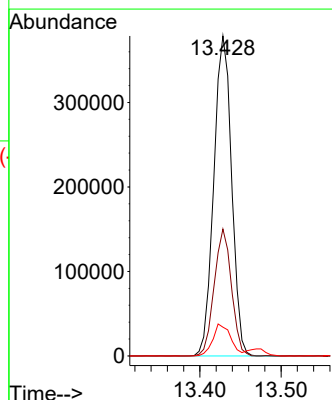
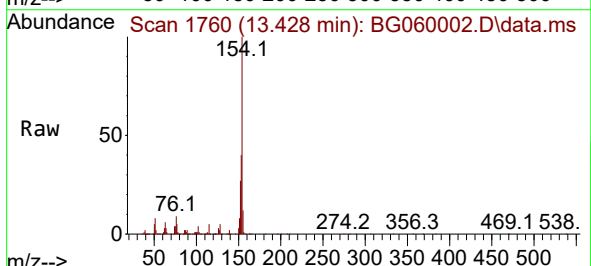
Tgt Ion:154 Resp: 577112

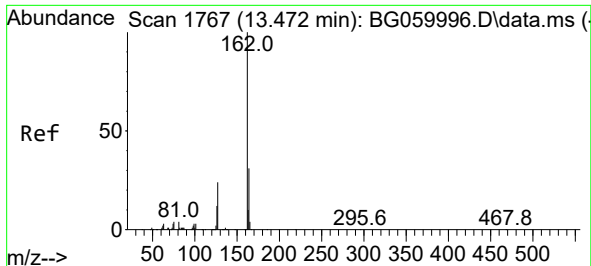
Ion Ratio Lower Upper

154 100

153 39.6 19.2 59.2

76 9.0 0.0 29.9

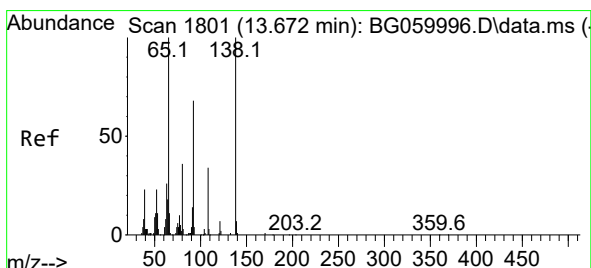
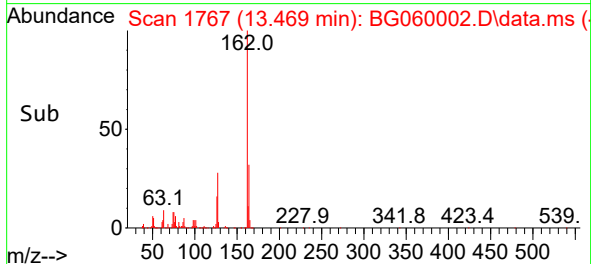
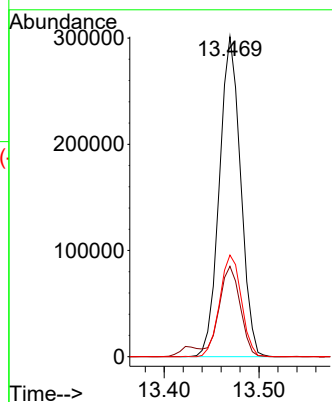
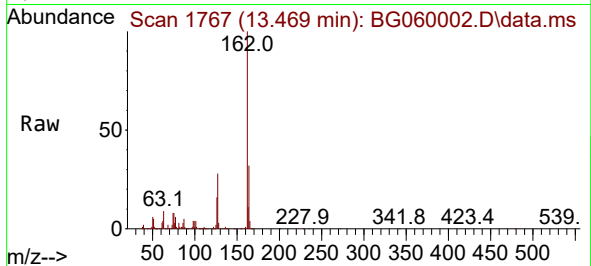




#47
2-Chloronaphthalene
Concen: 41.850 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

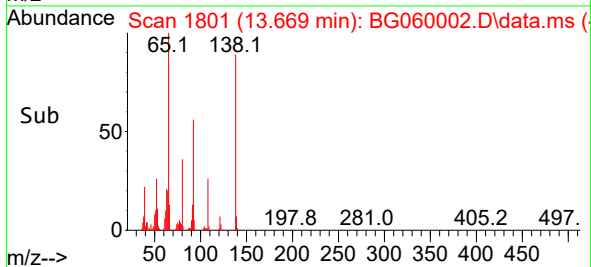
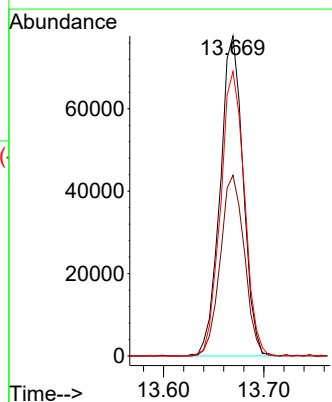
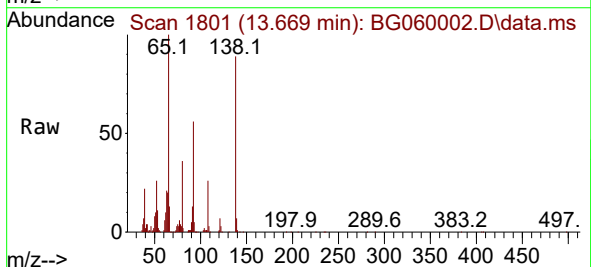
Instrument :
BNA_G
ClientSampleId :
PB157585BS

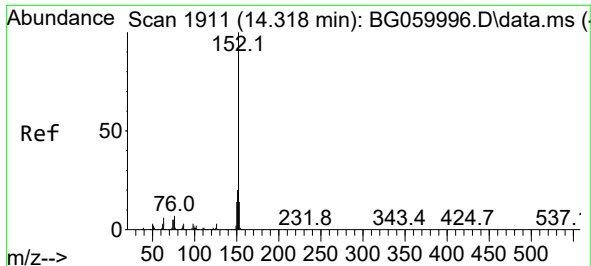
Tgt Ion:162 Resp: 468542
Ion Ratio Lower Upper
162 100
127 28.3 21.8 32.6
164 31.7 25.2 37.8



#48
2-Nitroaniline
Concen: 51.020 ng
RT: 13.669 min Scan# 1801
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion: 65 Resp: 123304
Ion Ratio Lower Upper
65 100
92 56.5 54.6 81.8
138 88.9 80.2 120.2

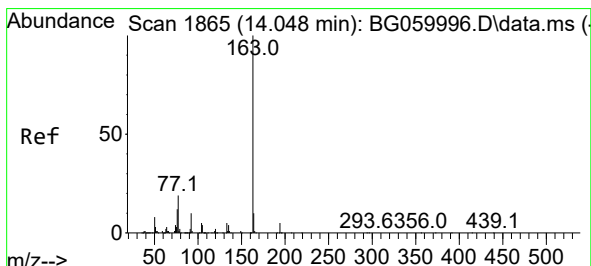
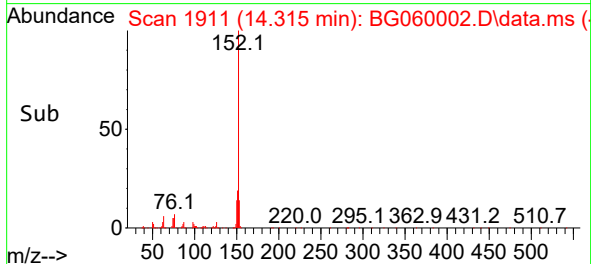
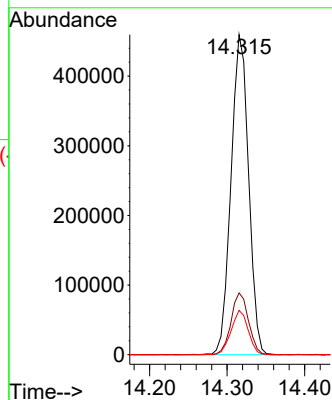
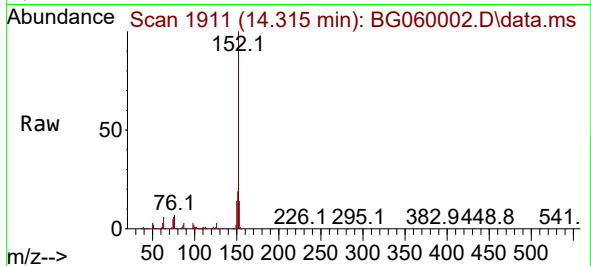




#49
Acenaphthylene
Concen: 47.228 ng
RT: 14.315 min Scan# 1911
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

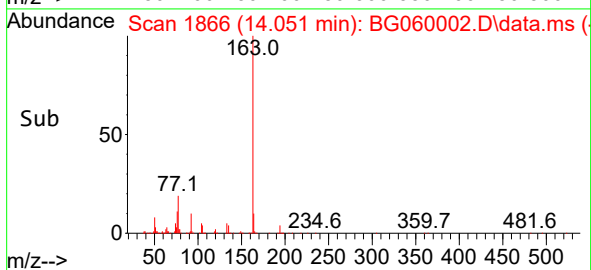
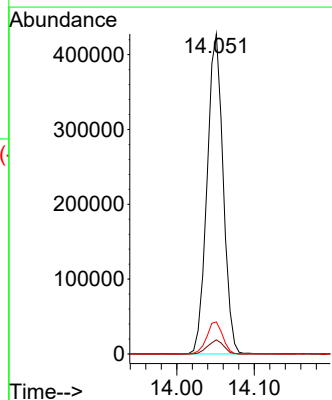
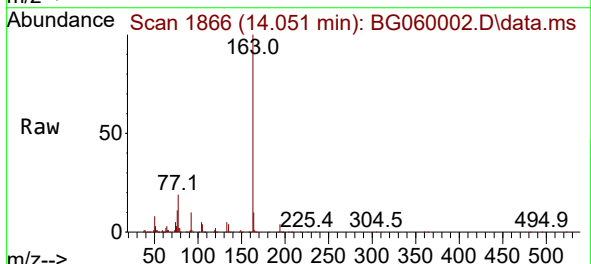
Instrument :
BNA_G
ClientSampleId :
PB157585BS

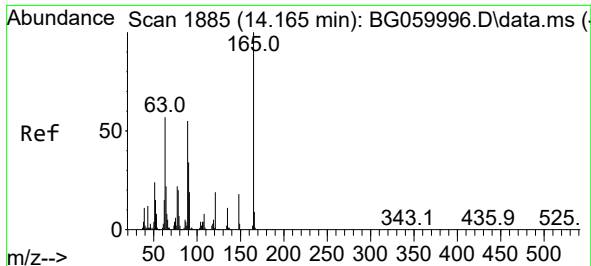
Tgt Ion:152 Resp: 723277
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 13.9 11.0 16.4



#50
Dimethylphthalate
Concen: 45.401 ng
RT: 14.051 min Scan# 1866
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:163 Resp: 614312
Ion Ratio Lower Upper
163 100
194 4.4 3.7 5.5
164 10.0 8.2 12.4

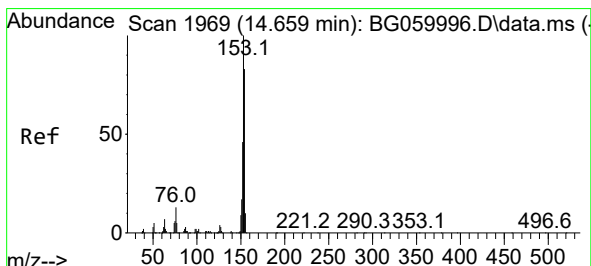
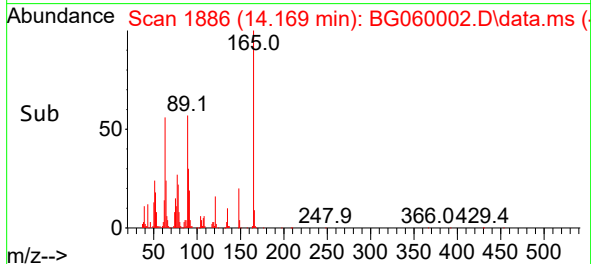
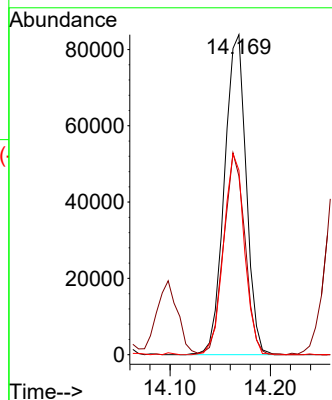
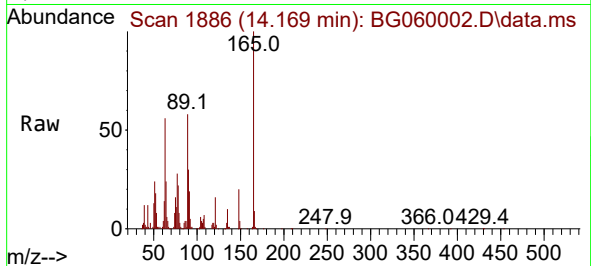




#51
2,6-Dinitrotoluene
Concen: 44.936 ng
RT: 14.169 min Scan# 1885
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

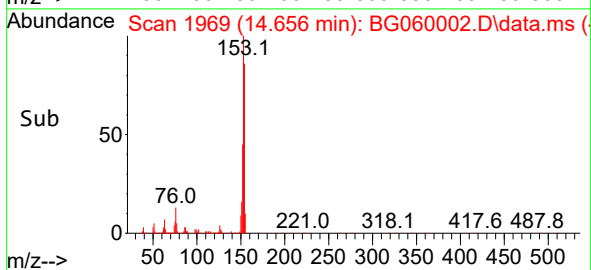
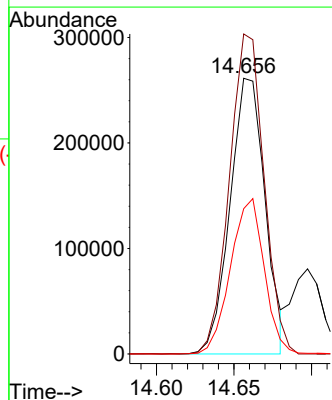
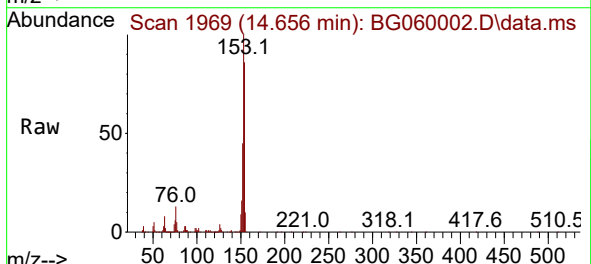
Instrument :
BNA_G
ClientSampleId :
PB157585BS

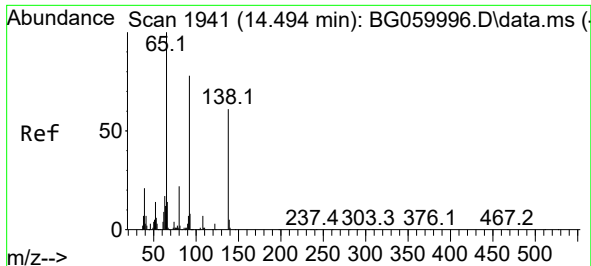
Tgt Ion:165 Resp: 125949
Ion Ratio Lower Upper
165 100
63 55.8 48.2 72.2
89 57.7 44.4 66.6



#52
Acenaphthene
Concen: 38.925 ng
RT: 14.656 min Scan# 1969
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:154 Resp: 410339
Ion Ratio Lower Upper
154 100
153 116.1 96.0 144.0
152 52.7 44.3 66.5

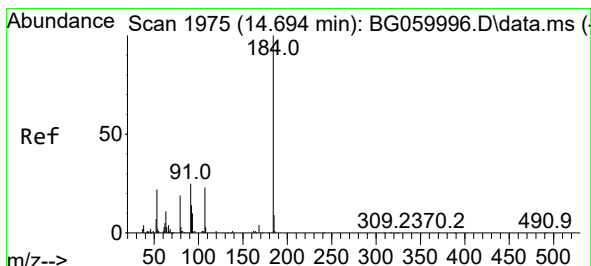
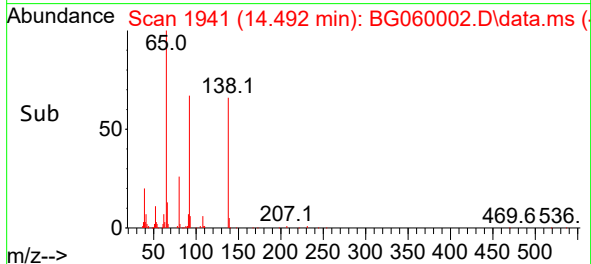
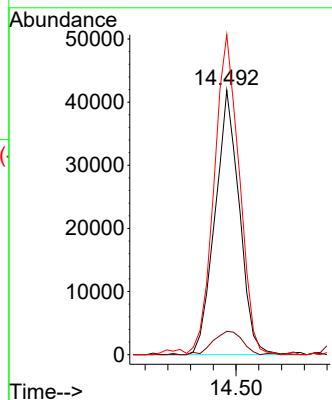
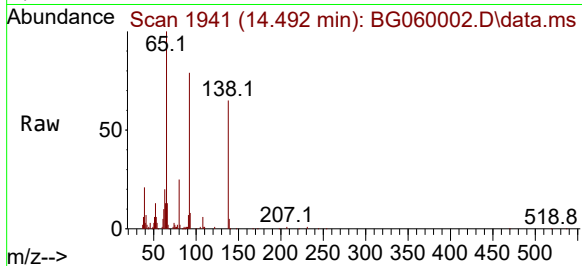




#53
3-Nitroaniline
Concen: 27.680 ng
RT: 14.492 min Scan# 1941
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

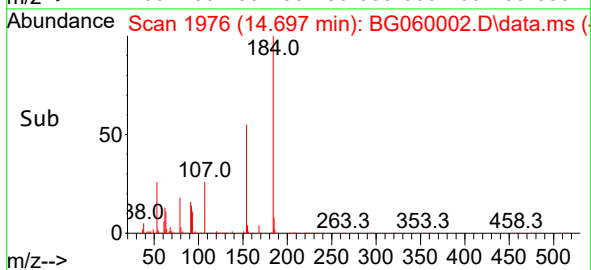
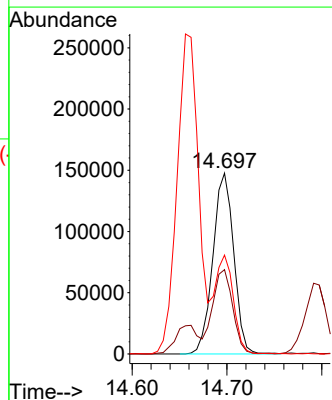
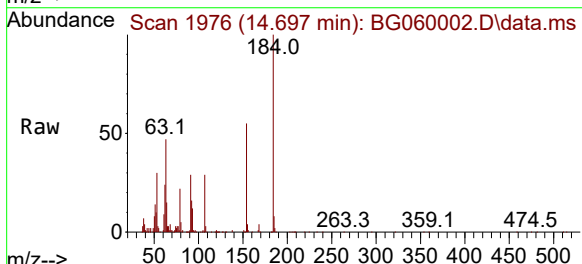
Instrument :
BNA_G
ClientSampleId :
PB157585BS

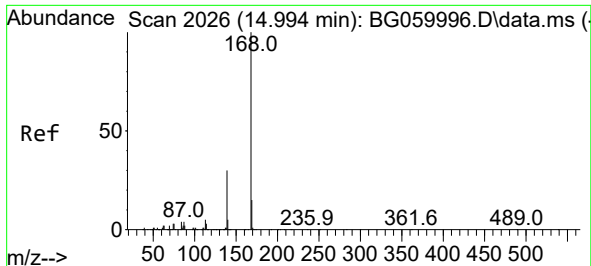
Tgt Ion:138 Resp: 61995
Ion Ratio Lower Upper
138 100
108 8.8 8.9 13.3#
92 121.0 102.1 153.1



#54
2,4-Dinitrophenol
Concen: 109.427 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:184 Resp: 225974
Ion Ratio Lower Upper
184 100
63 46.6 35.5 53.3
154 54.6 36.7 55.1

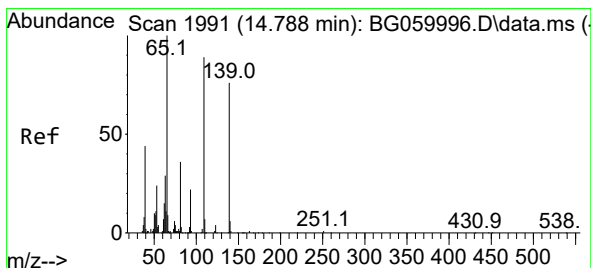
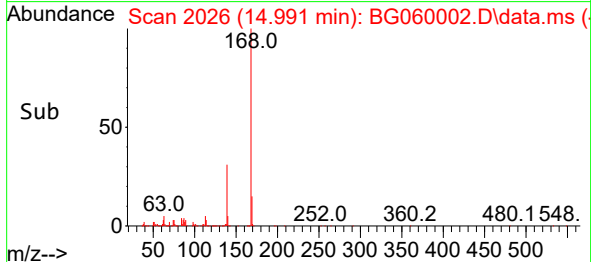
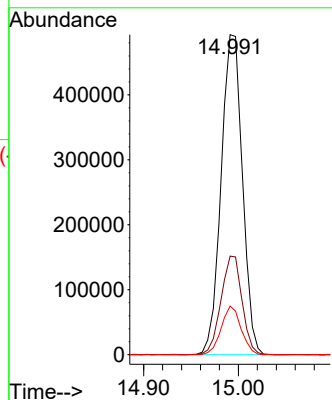
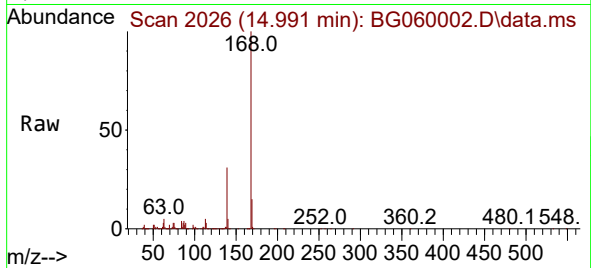




#55
Dibenzofuran
Concen: 44.893 ng
RT: 14.991 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

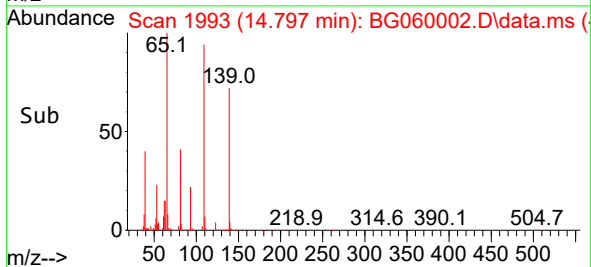
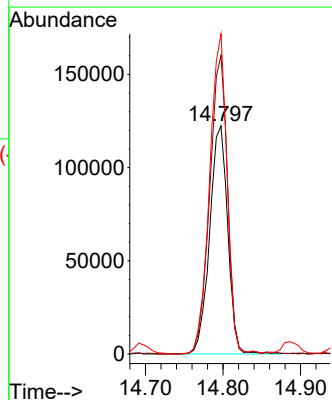
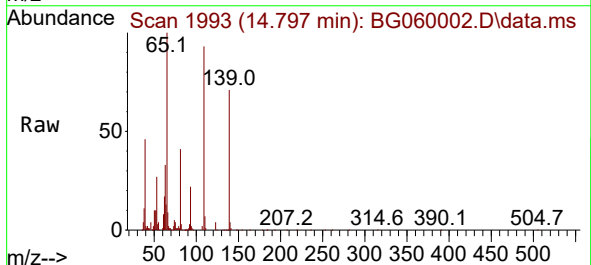
Instrument :
BNA_G
ClientSampleId :
PB157585BS

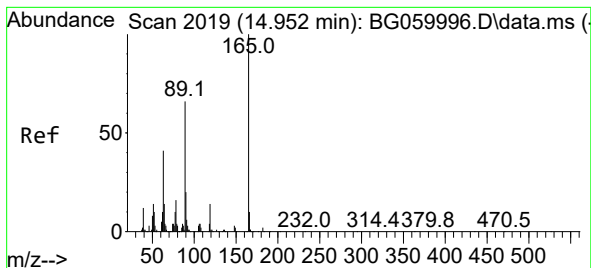
Tgt Ion:168 Resp: 770280
Ion Ratio Lower Upper
168 100
139 30.8 24.0 36.0
169 15.2 11.8 17.8



#56
4-Nitrophenol
Concen: 105.016 ng
RT: 14.797 min Scan# 1993
Delta R.T. 0.009 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:139 Resp: 197679
Ion Ratio Lower Upper
139 100
109 130.9 97.2 137.2
65 140.3 112.2 152.2

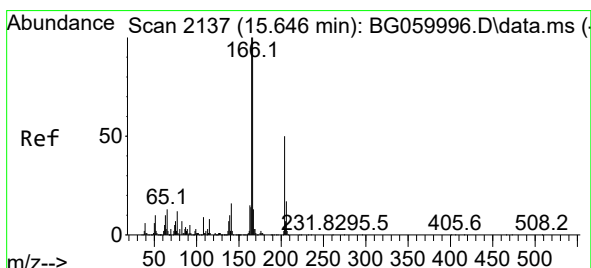
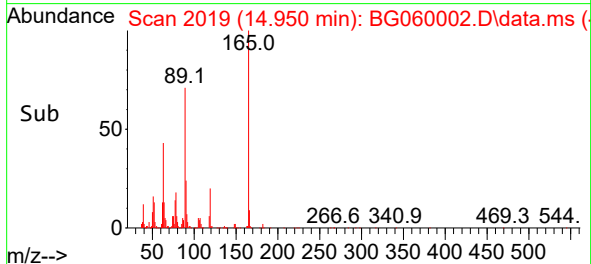
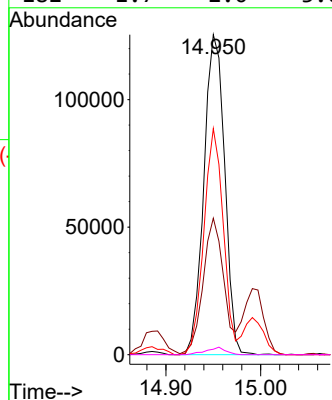
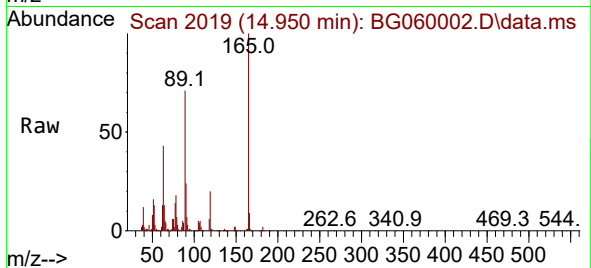




#57
2,4-Dinitrotoluene
Concen: 48.405 ng
RT: 14.950 min Scan# 2019
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

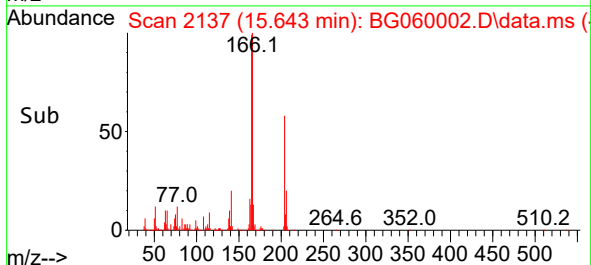
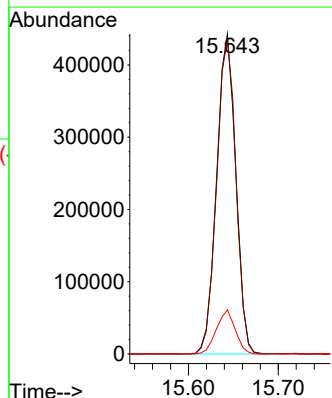
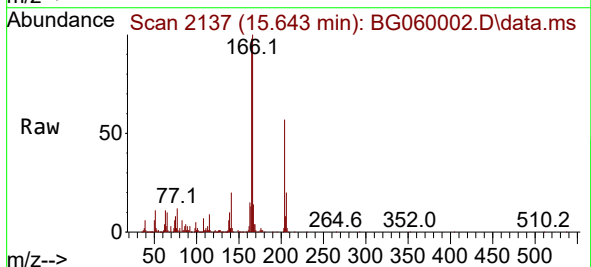
Instrument :
BNA_G
ClientSampleId :
PB157585BS

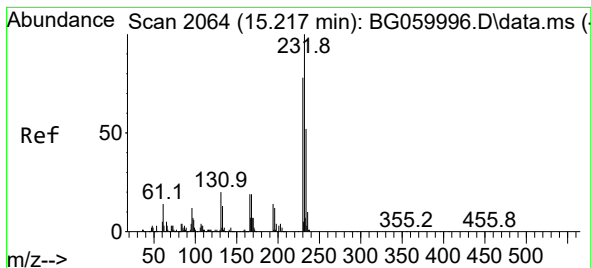
Tgt Ion:165 Resp: 190720
Ion Ratio Lower Upper
165 100
63 42.6 32.8 49.2
89 70.7 53.0 79.6
182 1.7 2.0 3.0#



#58
Fluorene
Concen: 45.240 ng
RT: 15.643 min Scan# 2137
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:166 Resp: 654557
Ion Ratio Lower Upper
166 100
165 98.0 80.2 120.2
167 13.7 10.3 15.5

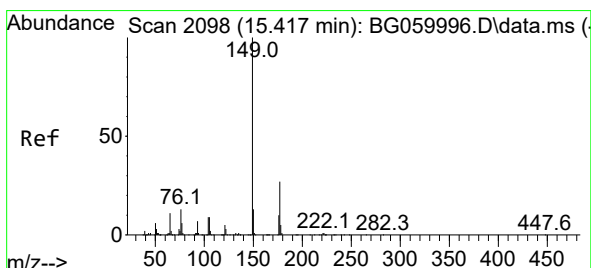
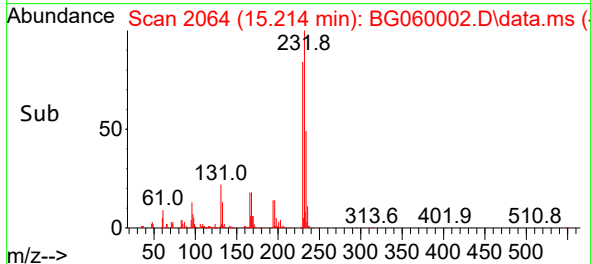
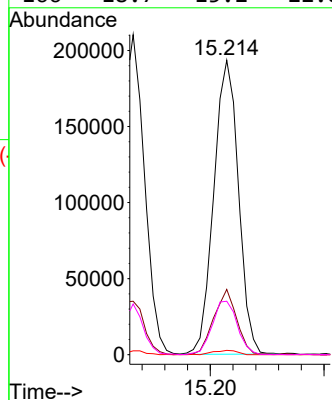
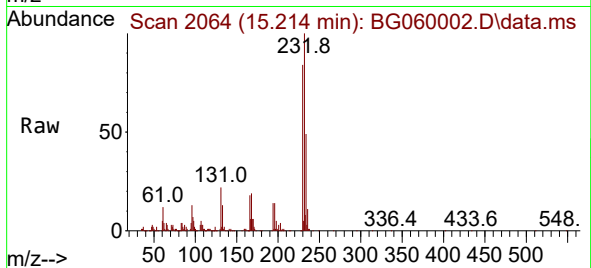




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.381 ng
RT: 15.214 min Scan# 2064
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

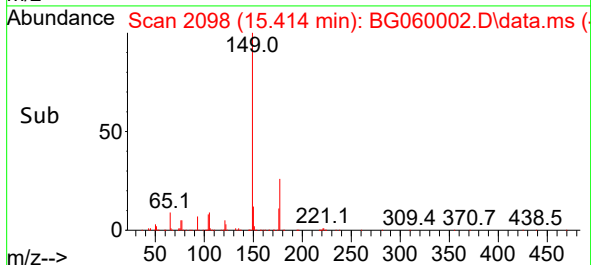
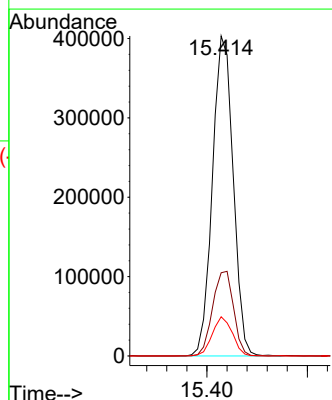
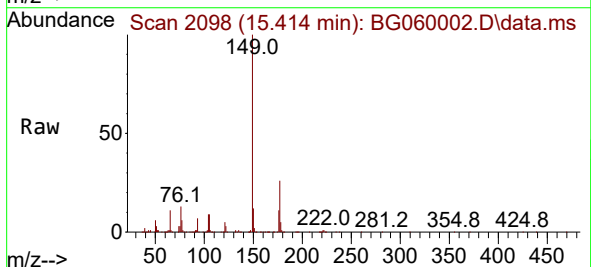
Instrument :
BNA_G
ClientSampleId :
PB157585BS

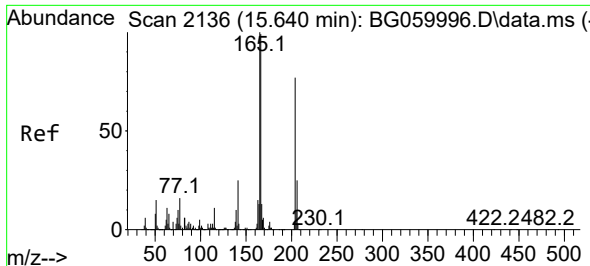
Tgt Ion:232 Resp: 290655
Ion Ratio Lower Upper
232 100
131 20.8 17.6 26.4
130 1.4 1.0 1.6
166 18.7 15.2 22.8



#60
Diethylphthalate
Concen: 46.468 ng
RT: 15.414 min Scan# 2098
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:149 Resp: 578515
Ion Ratio Lower Upper
149 100
177 26.0 21.5 32.3
150 12.3 10.3 15.5

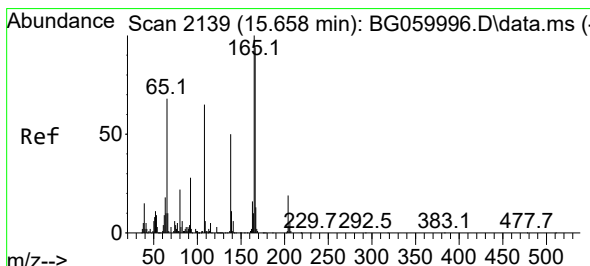
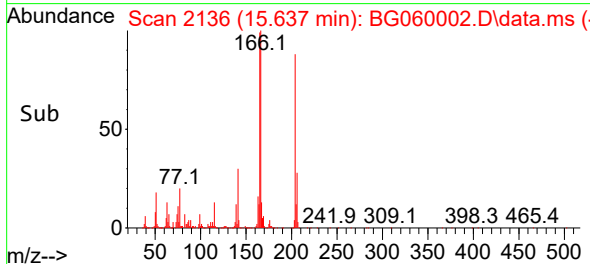
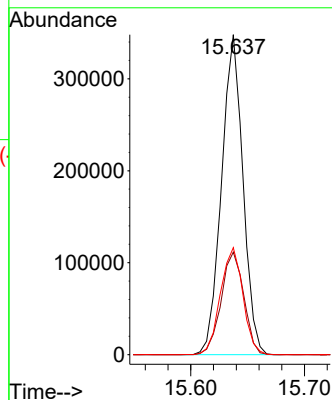
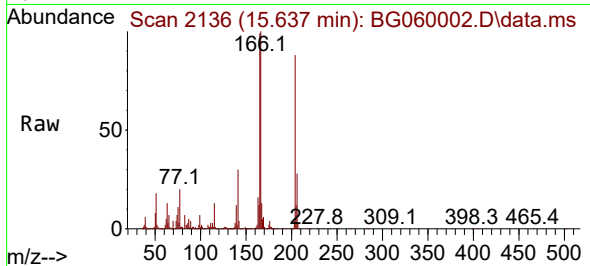




#61
4-Chlorophenyl-phenylether
Concen: 43.710 ng
RT: 15.637 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

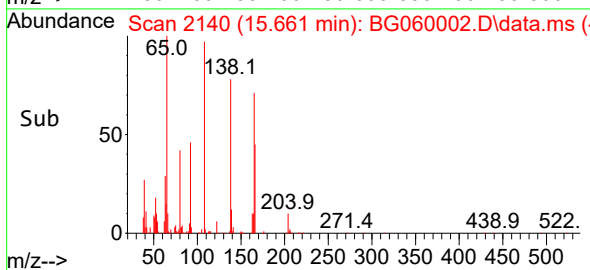
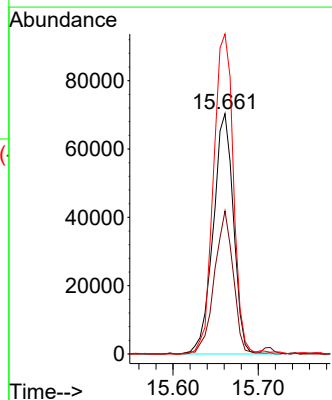
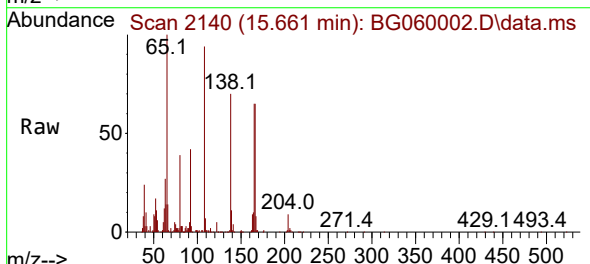
Instrument :
BNA_G
ClientSampleId :
PB157585BS

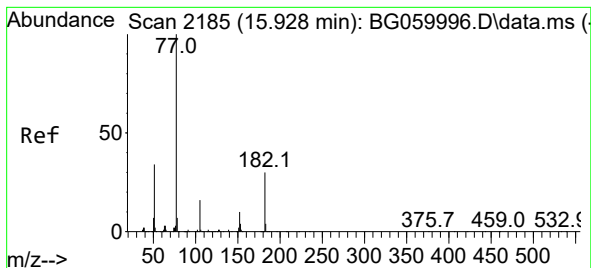
Tgt Ion:204 Resp: 455470
Ion Ratio Lower Upper
204 100
206 32.0 25.9 38.9
141 33.5 25.6 38.4



#62
4-Nitroaniline
Concen: 47.565 ng
RT: 15.661 min Scan# 2140
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:138 Resp: 116006
Ion Ratio Lower Upper
138 100
92 59.5 36.3 76.3
108 133.1 109.3 149.3





#63

Azobenzene

Concen: 44.366 ng

RT: 15.931 min Scan# 2185

Delta R.T. 0.003 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS

Tgt Ion: 77 Resp: 544574

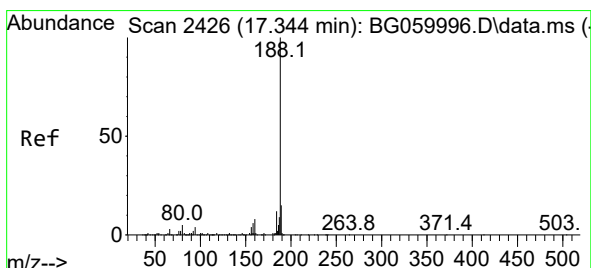
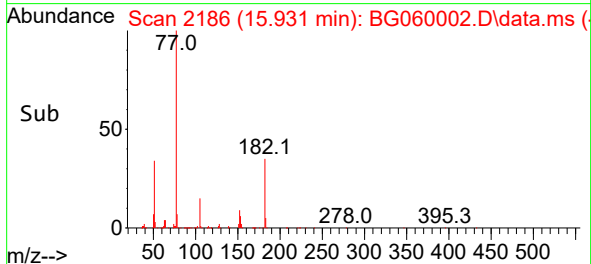
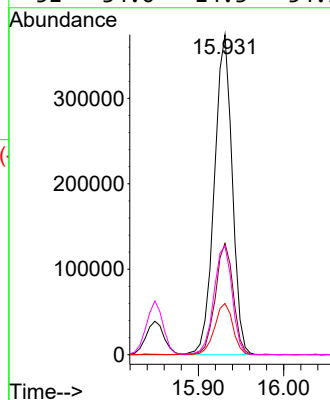
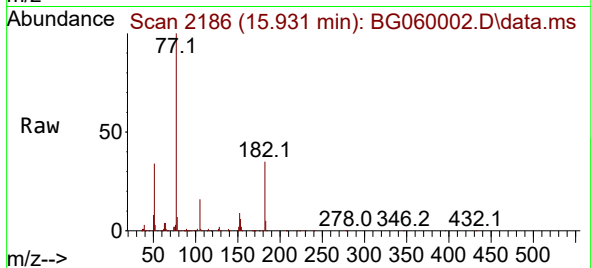
Ion Ratio Lower Upper

77 100

182 34.8 10.2 50.2

105 16.0 0.0 36.5

51 34.0 14.3 54.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.341 min Scan# 2426

Delta R.T. -0.002 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

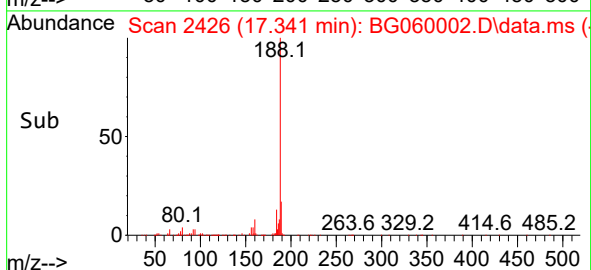
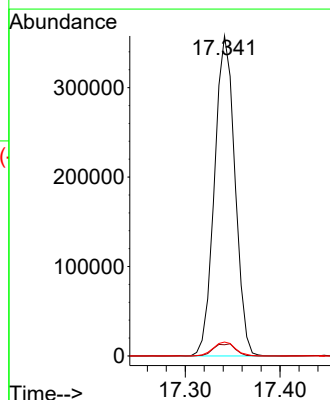
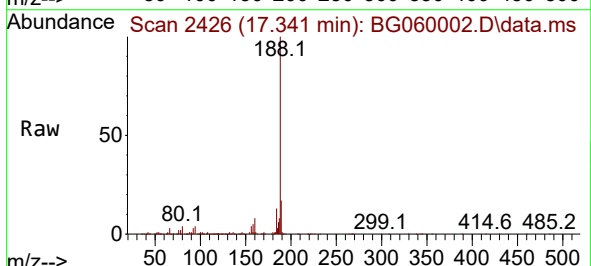
Tgt Ion:188 Resp: 536123

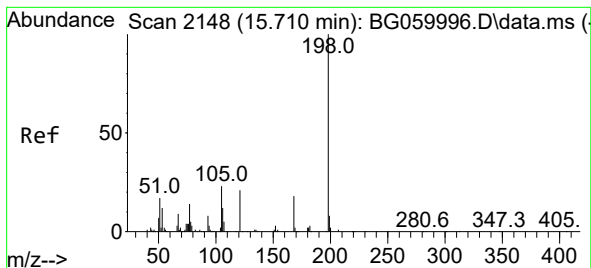
Ion Ratio Lower Upper

188 100

94 3.5 3.0 4.6

80 4.4 4.0 6.0

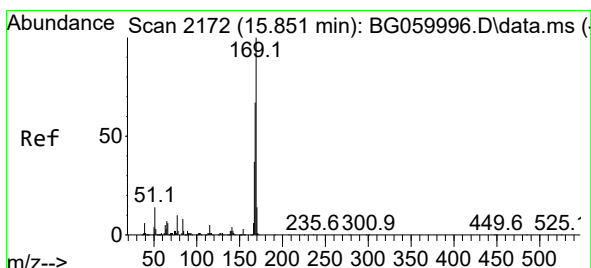
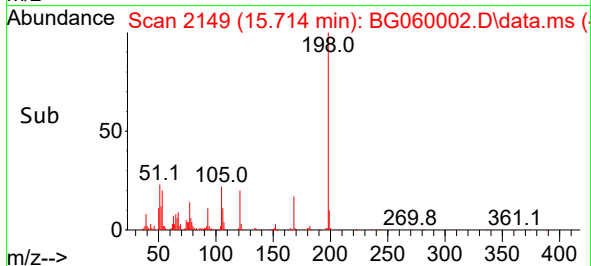
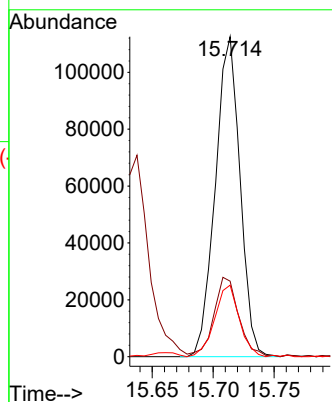
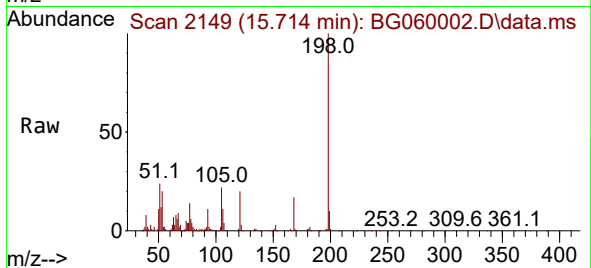




#65
4,6-Dinitro-2-methylphenol
Concen: 47.181 ng
RT: 15.714 min Scan# 2148
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

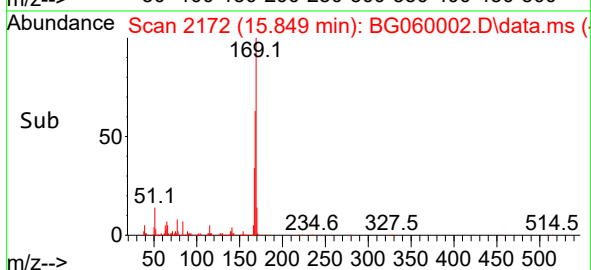
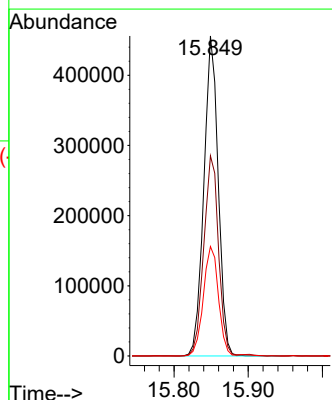
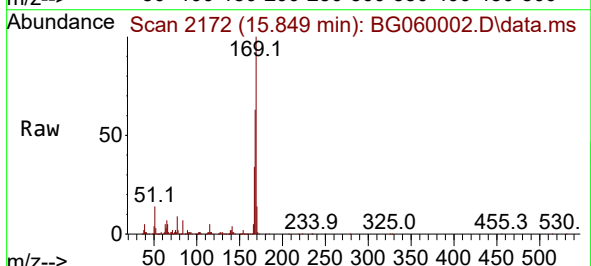
Instrument :
BNA_G
ClientSampleId :
PB157585BS

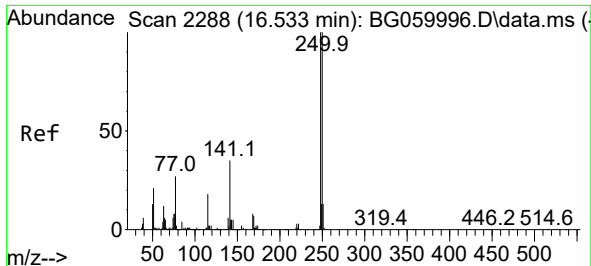
Tgt Ion:198 Resp: 158596
Ion Ratio Lower Upper
198 100
51 23.6 0.0 39.7
105 22.3 3.3 43.3



#66
n-Nitrosodiphenylamine
Concen: 46.828 ng
RT: 15.849 min Scan# 2172
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:169 Resp: 613322
Ion Ratio Lower Upper
169 100
168 62.5 53.4 80.2
167 34.2 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 44.755 ng
RT: 16.531 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

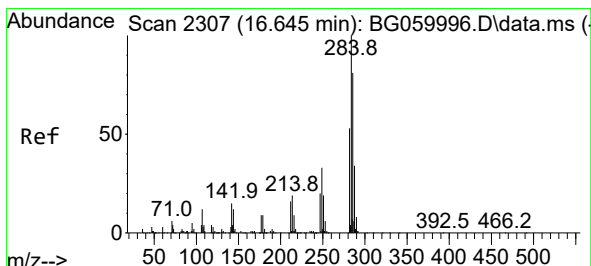
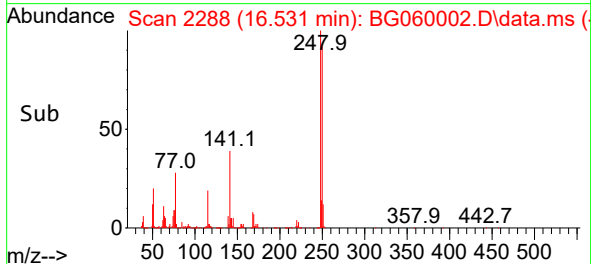
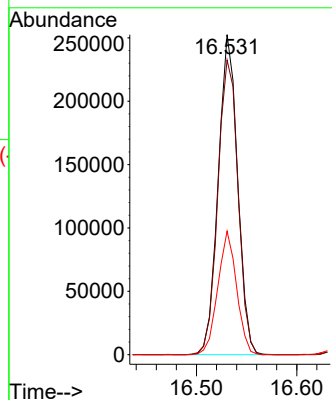
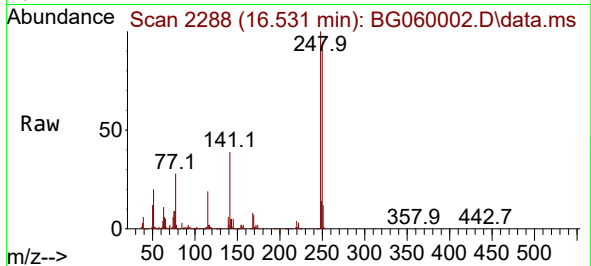
Instrument :

BNA_G

ClientSampleId :

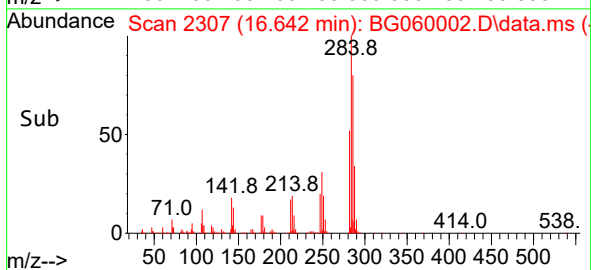
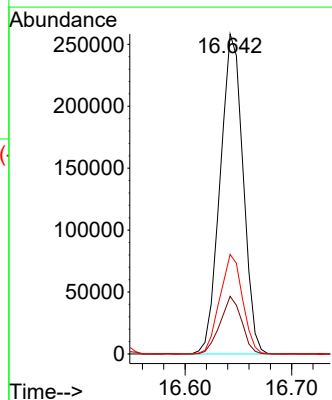
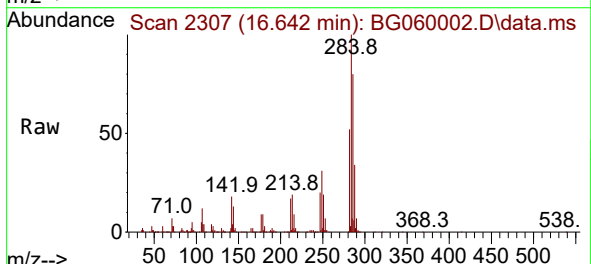
PB157585BS

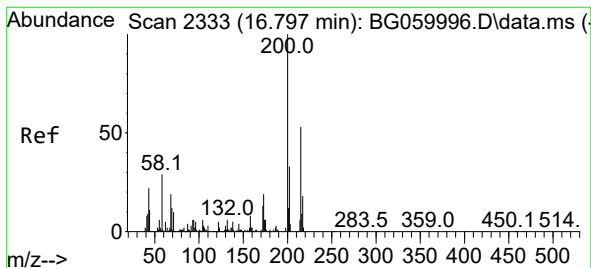
Tgt Ion:248 Resp: 338539
Ion Ratio Lower Upper
248 100
250 92.1 79.9 119.9
141 38.6 28.3 42.5



#68
Hexachlorobenzene
Concen: 43.510 ng
RT: 16.642 min Scan# 2307
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:284 Resp: 384756
Ion Ratio Lower Upper
284 100
142 18.0 11.7 17.5#
249 31.1 26.1 39.1





#69

Atrazine

Concen: Below Cal

RT: 16.801 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS

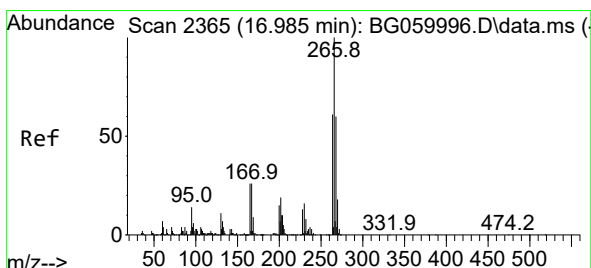
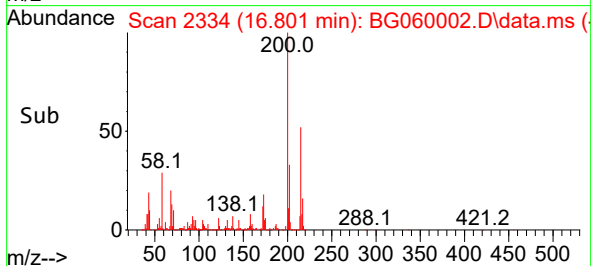
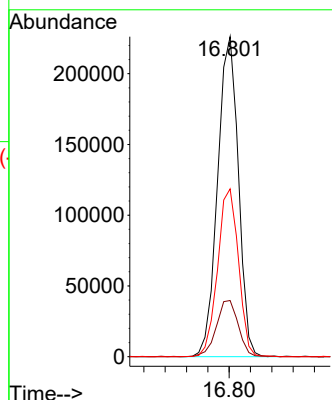
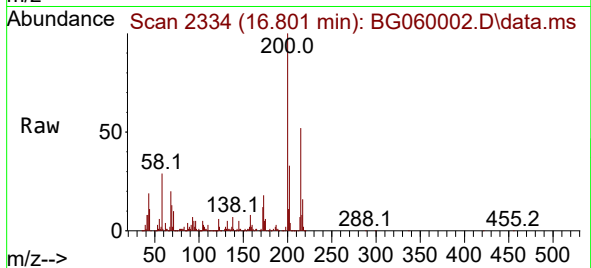
Tgt Ion:200 Resp: 305283

Ion Ratio Lower Upper

200 100

173 17.5 0.0 39.3

215 52.5 33.1 73.1



#70

Pentachlorophenol

Concen: 100.581 ng

RT: 16.989 min Scan# 2366

Delta R.T. 0.003 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

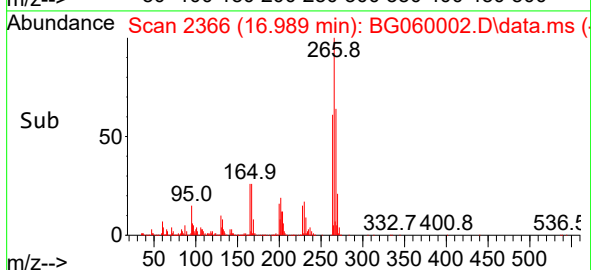
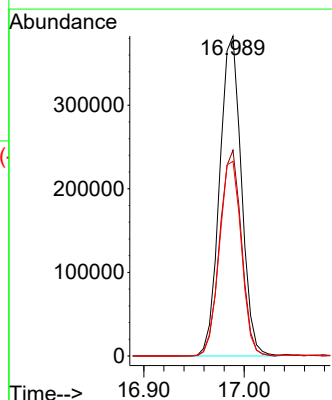
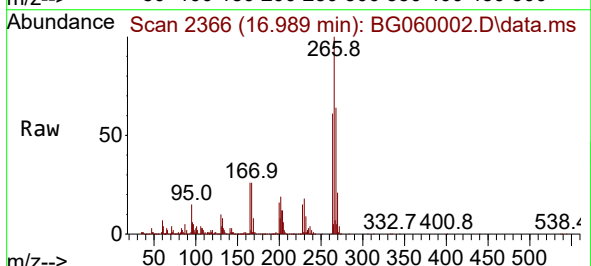
Tgt Ion:266 Resp: 576186

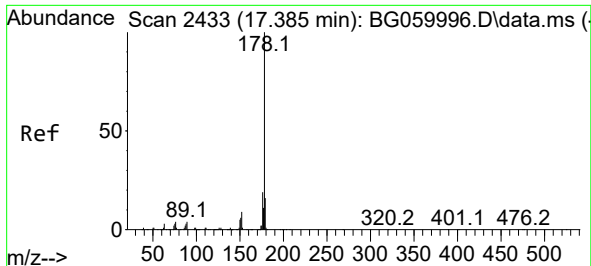
Ion Ratio Lower Upper

266 100

268 64.3 47.9 71.9

264 60.8 48.8 73.2

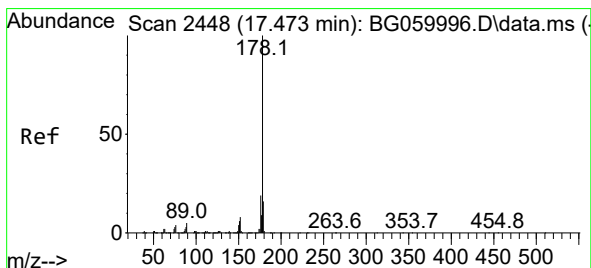
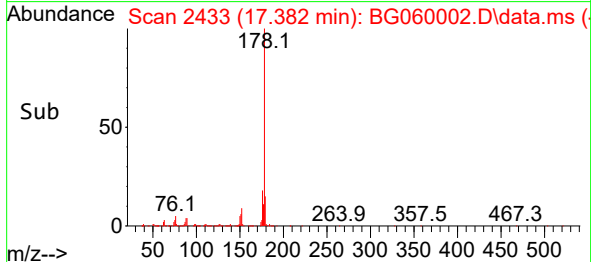
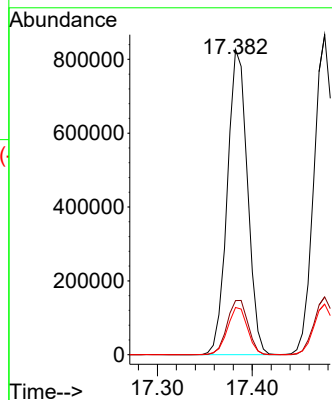
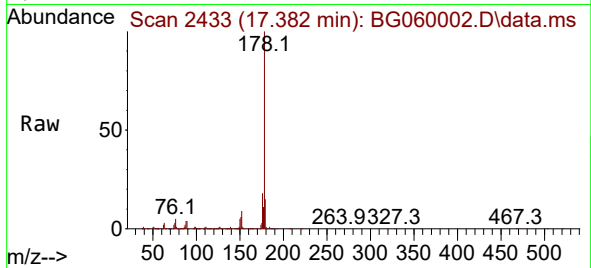




#71
Phenanthrene
Concen: 46.903 ng
RT: 17.382 min Scan# 2433
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

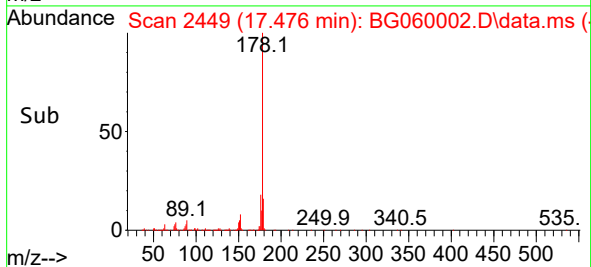
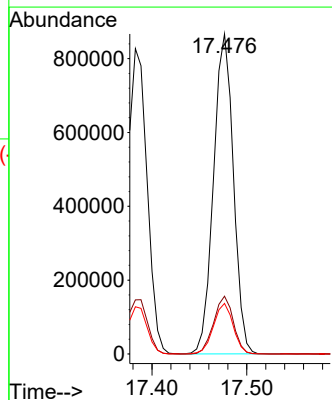
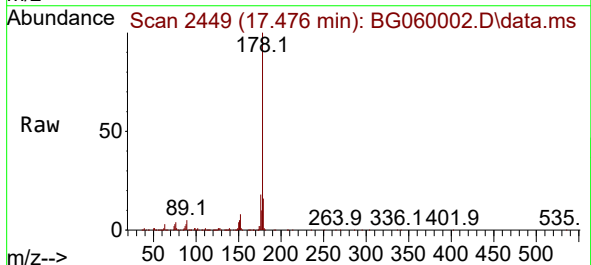
Instrument :
BNA_G
ClientSampleId :
PB157585BS

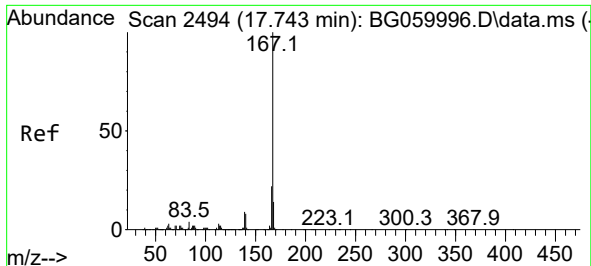
Tgt Ion:178 Resp: 1217996
Ion Ratio Lower Upper
178 100
176 17.7 15.6 23.4
179 15.5 12.6 19.0



#72
Anthracene
Concen: 48.338 ng
RT: 17.476 min Scan# 2449
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:178 Resp: 1262087
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.6
179 15.8 12.6 19.0

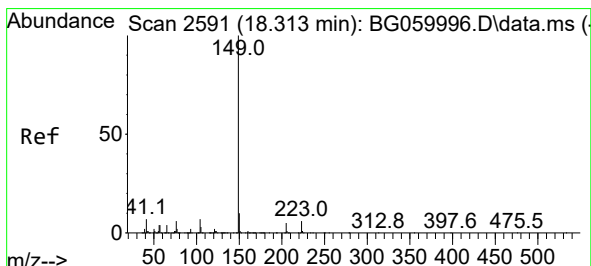
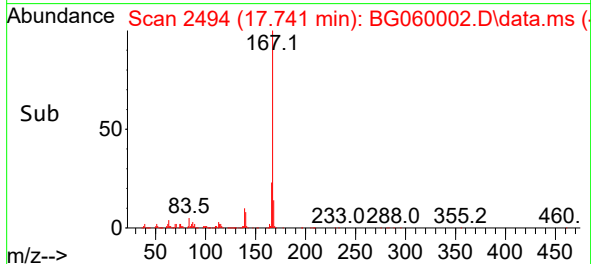
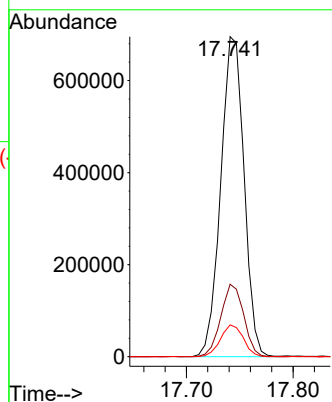
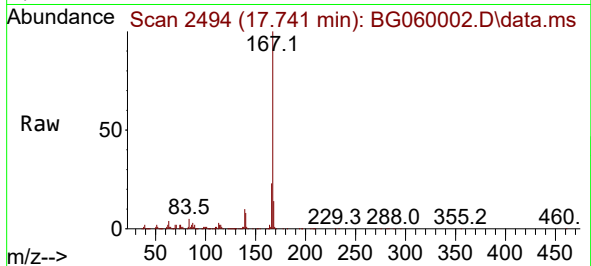




#73
 Carbazole
 Concen: 47.546 ng
 RT: 17.741 min Scan# 2494
 Delta R.T. -0.002 min
 Lab File: BG060002.D
 Acq: 13 Dec 2023 18:44

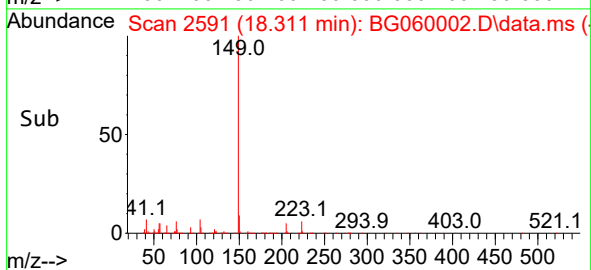
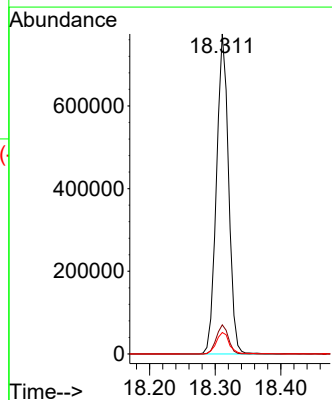
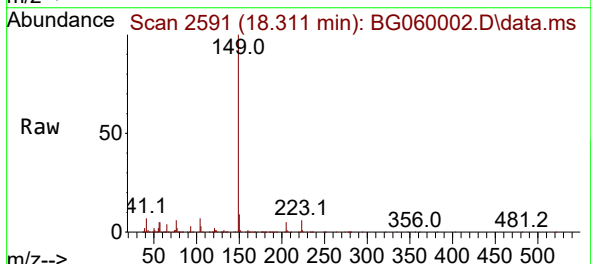
Instrument :
 BNA_G
 ClientSampleId :
 PB157585BS

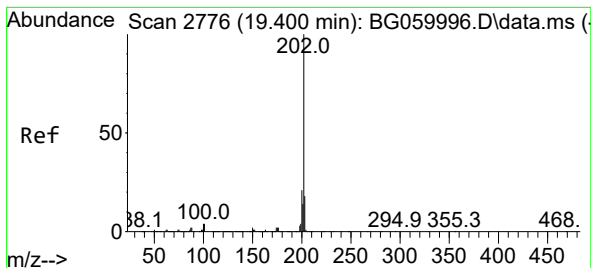
Tgt Ion:167 Resp: 1054914
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.4 26.0
 139 10.0 7.5 11.3



#74
 Di-n-butylphthalate
 Concen: 48.890 ng
 RT: 18.311 min Scan# 2591
 Delta R.T. -0.002 min
 Lab File: BG060002.D
 Acq: 13 Dec 2023 18:44

Tgt Ion:149 Resp: 989549
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.9 11.9
 104 6.7 5.6 8.4





#75

Fluoranthene

Concen: 48.273 ng

RT: 19.398 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS

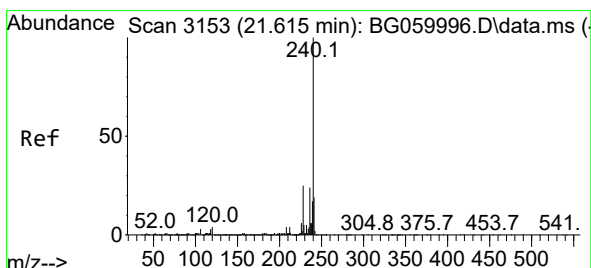
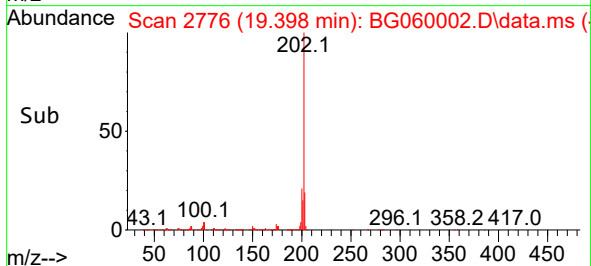
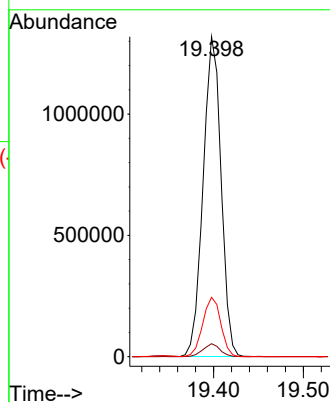
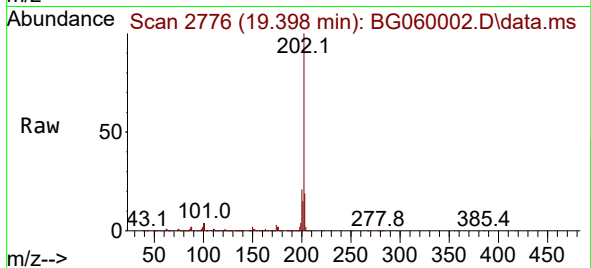
Tgt Ion:202 Resp: 1829294

Ion Ratio Lower Upper

202 100

101 4.1 0.0 24.2

203 18.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.613 min Scan# 3153

Delta R.T. -0.002 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

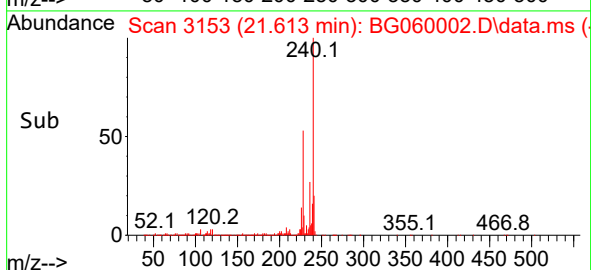
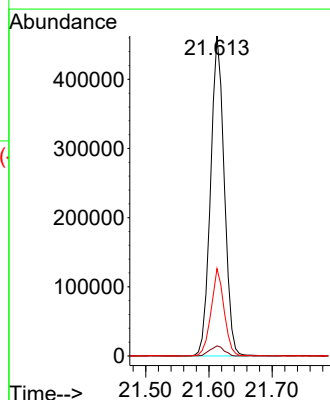
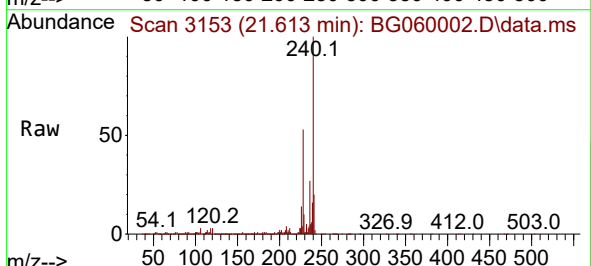
Tgt Ion:240 Resp: 694729

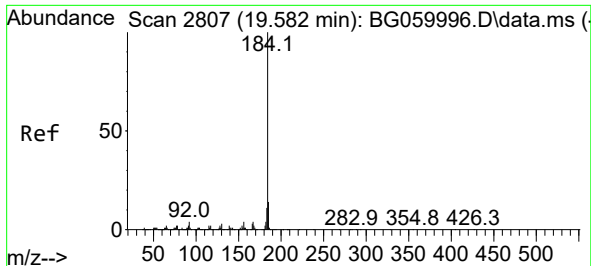
Ion Ratio Lower Upper

240 100

120 3.2 2.9 4.3

236 27.3 19.4 29.2

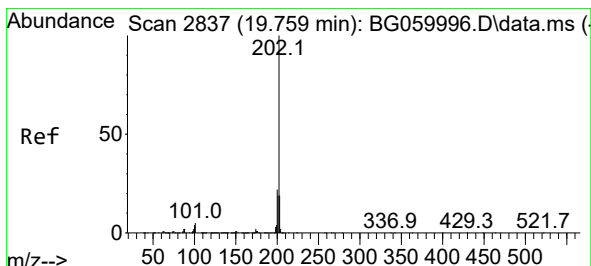
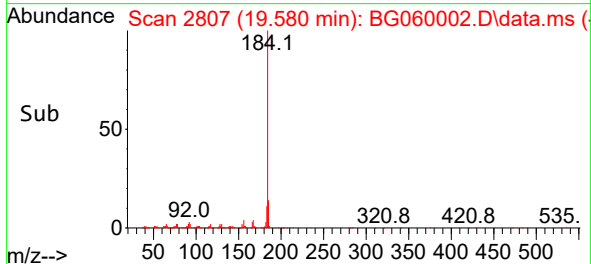
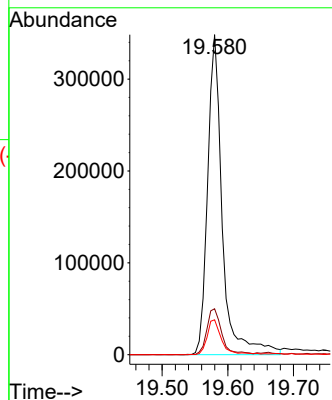
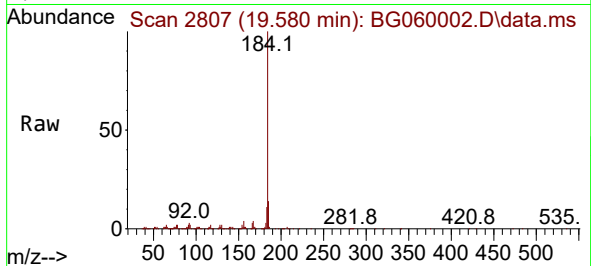




#77
Benzidine
Concen: 60.805 ng
RT: 19.580 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

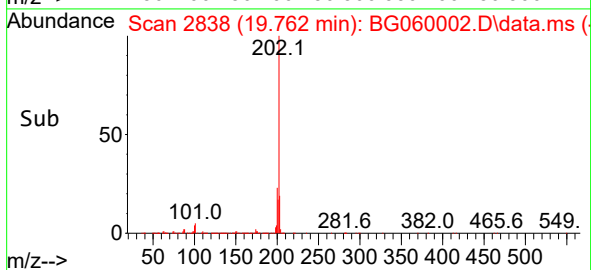
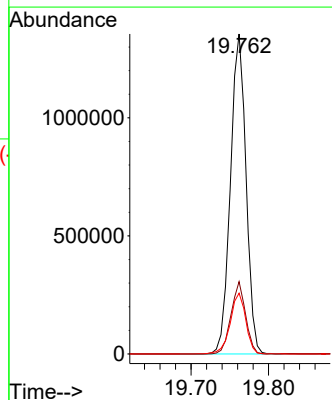
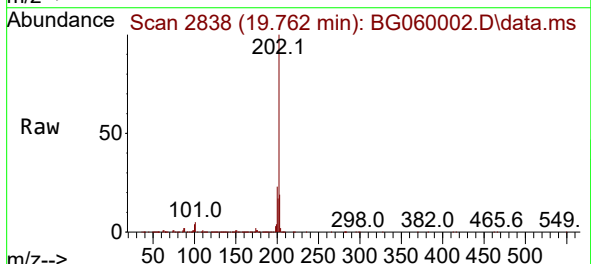
Instrument :
BNA_G
ClientSampleId :
PB157585BS

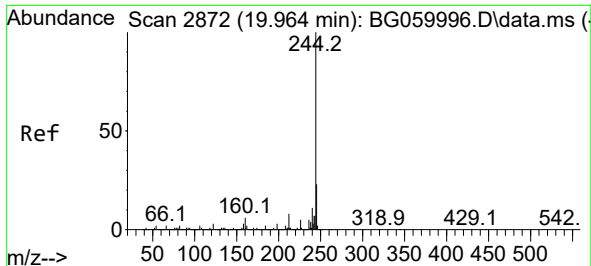
Tgt Ion:184 Resp: 542602
Ion Ratio Lower Upper
184 100
185 14.4 11.1 16.7
183 10.9 9.0 13.4



#78
Pyrene
Concen: 45.040 ng
RT: 19.762 min Scan# 2838
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:202 Resp: 1896772
Ion Ratio Lower Upper
202 100
200 22.6 17.6 26.4
203 19.0 14.9 22.3

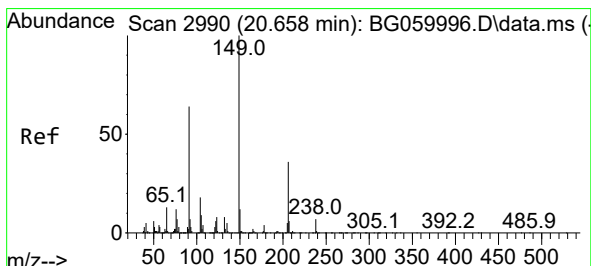
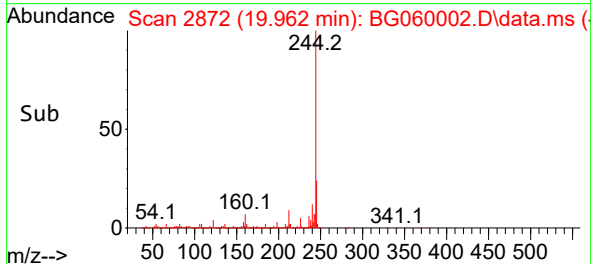
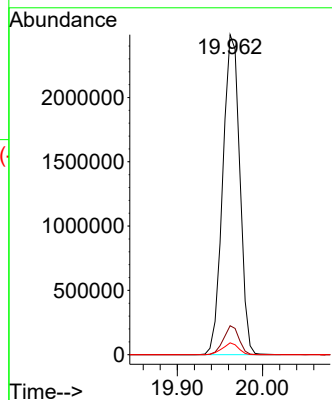
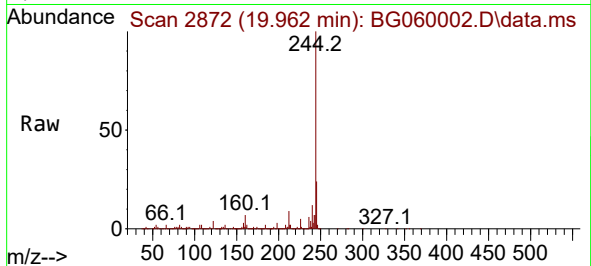




#79
 Terphenyl-d14
 Concen: 90.565 ng
 RT: 19.962 min Scan# 2872
 Delta R.T. -0.002 min
 Lab File: BG060002.D
 Acq: 13 Dec 2023 18:44

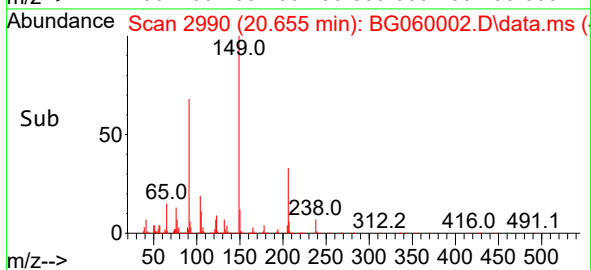
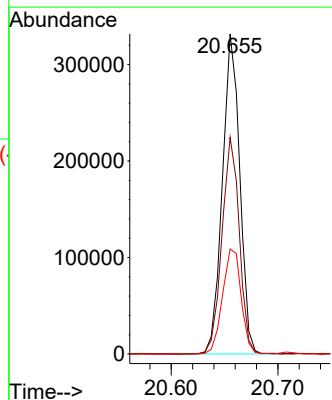
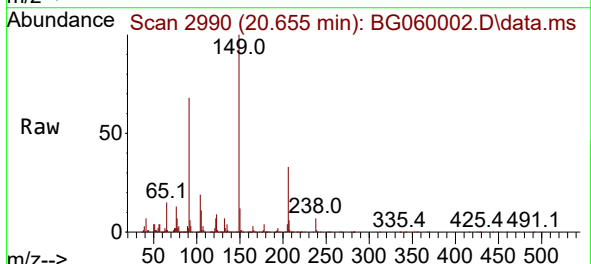
Instrument :
 BNA_G
 ClientSampleId :
 PB157585BS

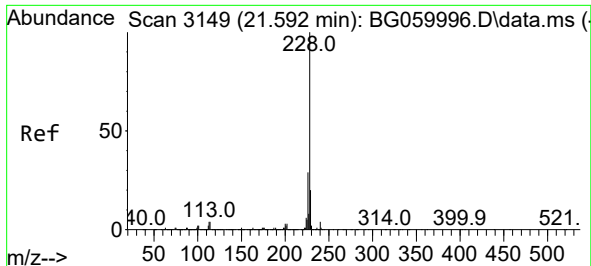
Tgt Ion:244 Resp: 3446224
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.8 10.2
 122 3.7 2.6 3.8



#80
 Butylbenzylphthalate
 Concen: 49.473 ng
 RT: 20.655 min Scan# 2990
 Delta R.T. -0.002 min
 Lab File: BG060002.D
 Acq: 13 Dec 2023 18:44

Tgt Ion:149 Resp: 374192
 Ion Ratio Lower Upper
 149 100
 91 67.7 51.3 76.9
 206 32.8 28.8 43.2

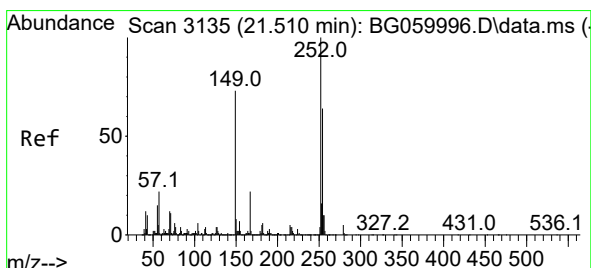
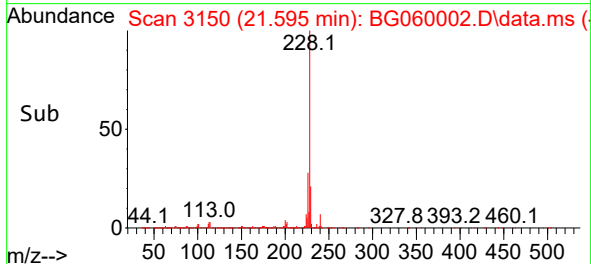
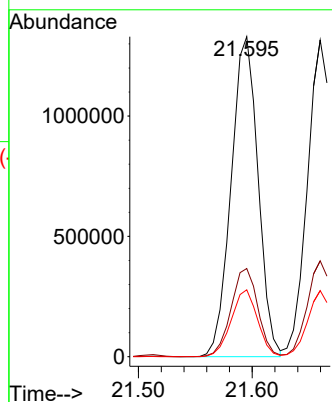
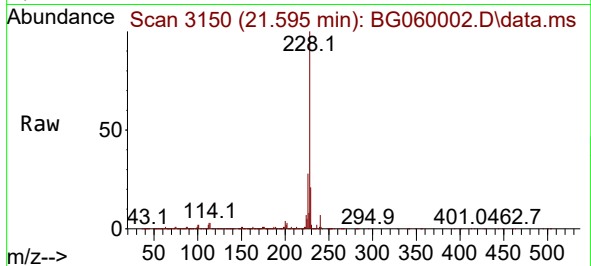




#81
Benzo(a)anthracene
Concen: 46.896 ng
RT: 21.595 min Scan# 3149
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

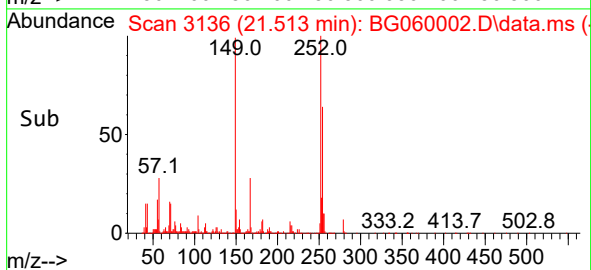
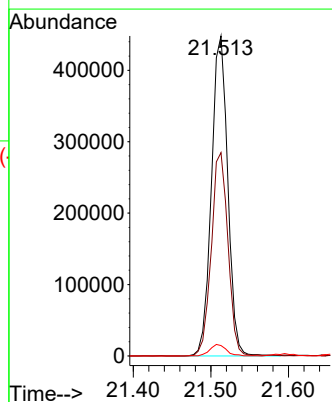
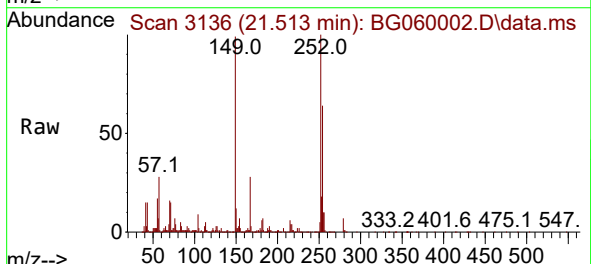
Instrument :
BNA_G
ClientSampleId :
PB157585BS

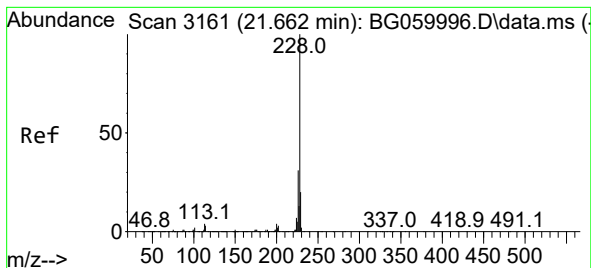
Tgt Ion:228 Resp: 2188504
Ion Ratio Lower Upper
228 100
226 27.6 22.9 34.3
229 20.9 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 42.603 ng
RT: 21.513 min Scan# 3136
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:252 Resp: 654209
Ion Ratio Lower Upper
252 100
254 63.5 51.0 76.4
126 3.2 3.0 4.4





#83

Chrysene

Concen: 45.793 ng

RT: 21.660 min Scan# 3161

Delta R.T. -0.002 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS

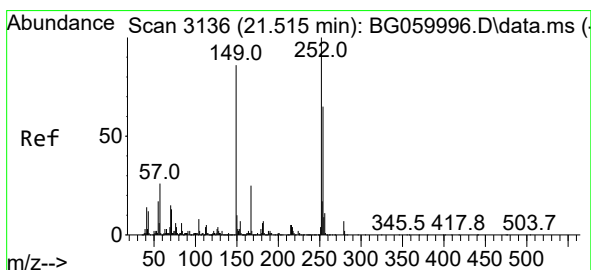
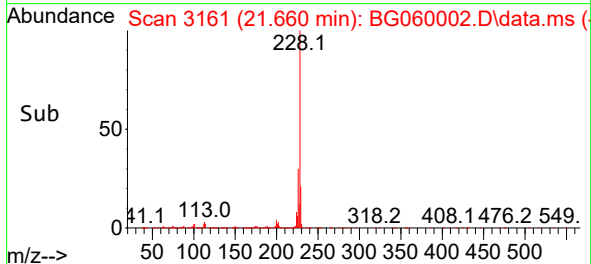
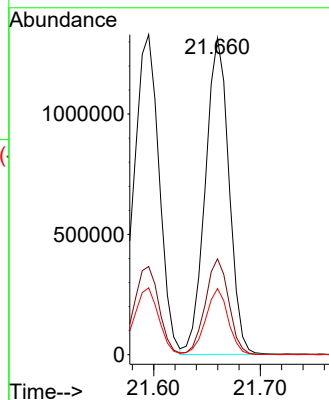
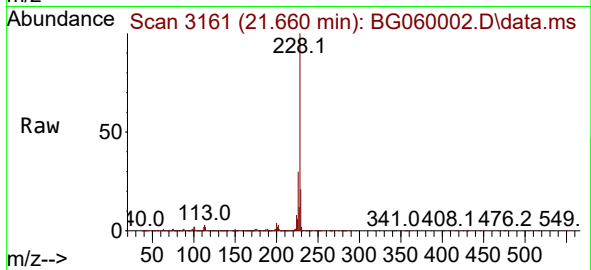
Tgt Ion:228 Resp: 2024608

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

229 20.9 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.318 ng

RT: 21.513 min Scan# 3136

Delta R.T. -0.002 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

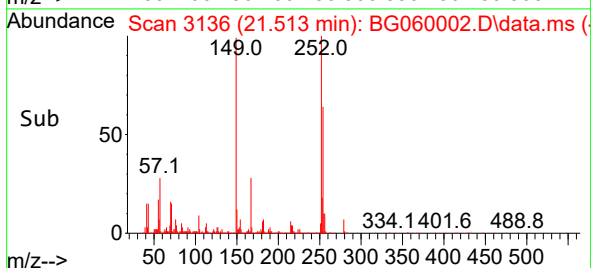
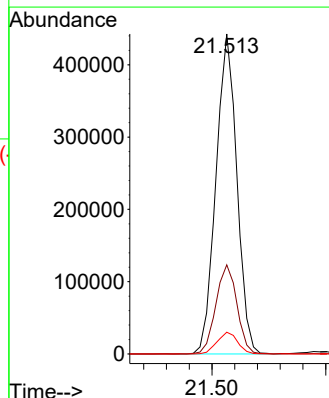
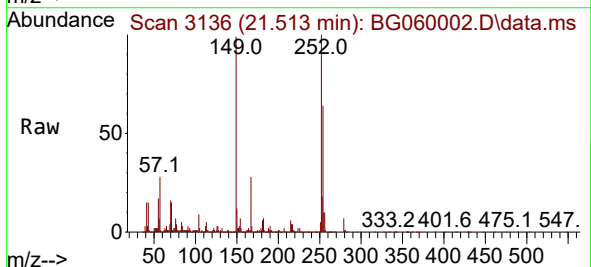
Tgt Ion:149 Resp: 565380

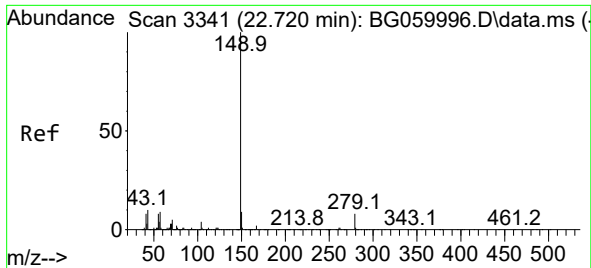
Ion Ratio Lower Upper

149 100

167 27.8 23.0 34.6

279 6.8 6.2 9.2

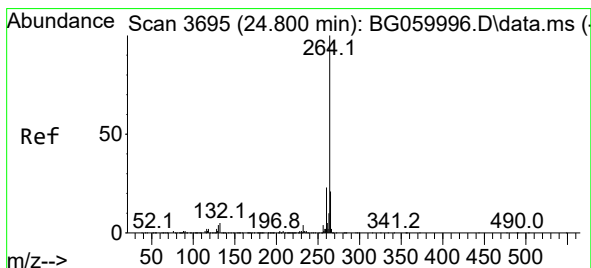
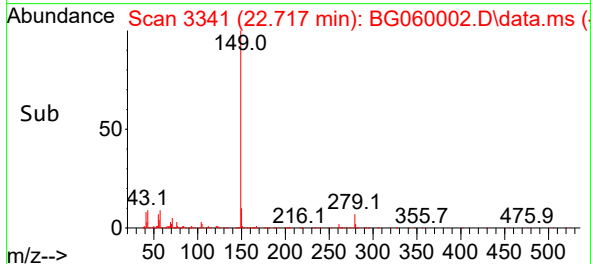
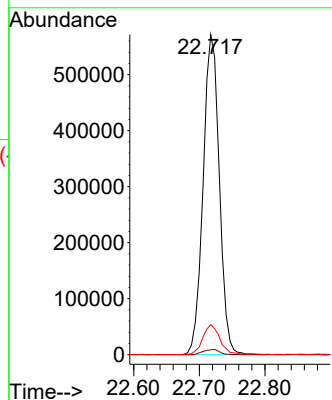
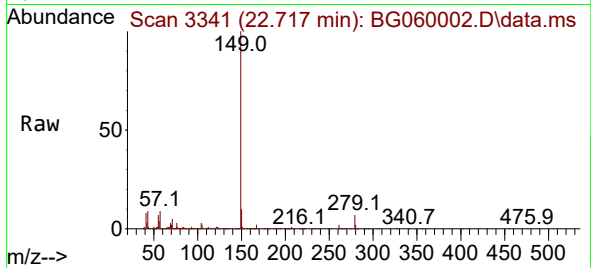




#85
Di-n-octyl phthalate
Concen: 49.558 ng
RT: 22.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

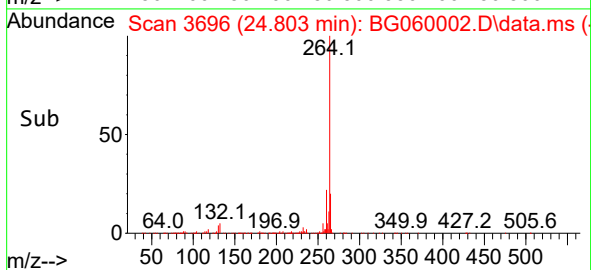
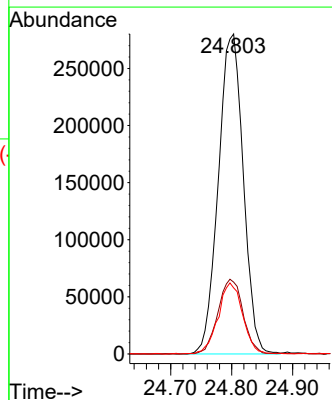
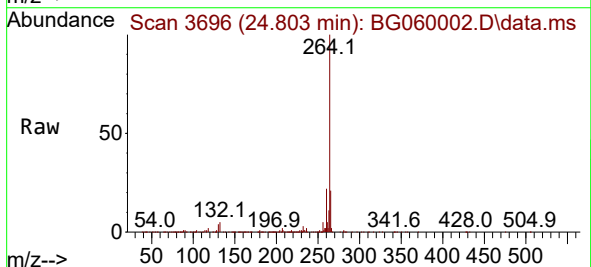
Instrument :
BNA_G
ClientSampleId :
PB157585BS

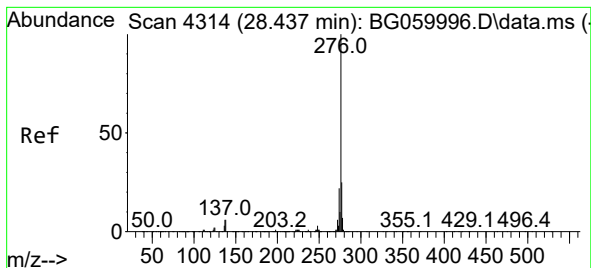
Tgt Ion:149 Resp: 982753
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 10.2 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.803 min Scan# 3696
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:264 Resp: 796643
Ion Ratio Lower Upper
264 100
260 22.5 18.5 27.7
265 20.6 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.722 ng

RT: 28.440 min Scan# 41

Delta R.T. 0.003 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS

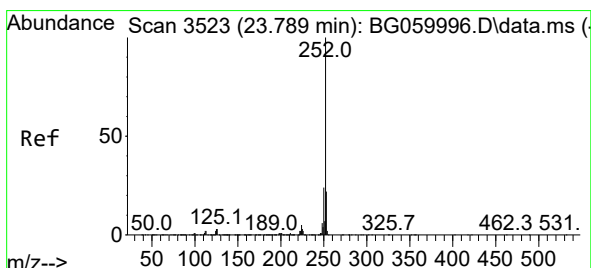
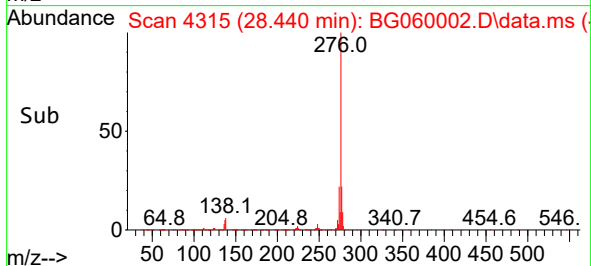
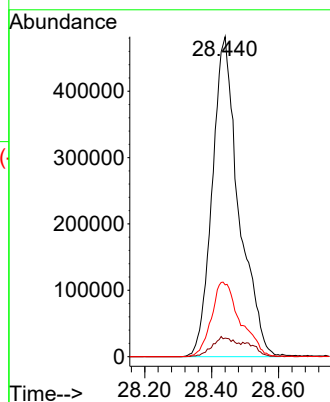
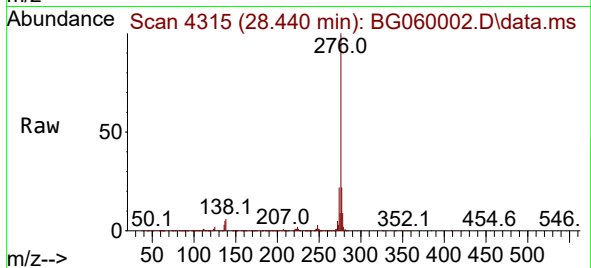
Tgt Ion:276 Resp: 2656345

Ion Ratio Lower Upper

276 100

138 5.6 4.7 7.1

277 25.4 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 45.413 ng

RT: 23.793 min Scan# 3524

Delta R.T. 0.003 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

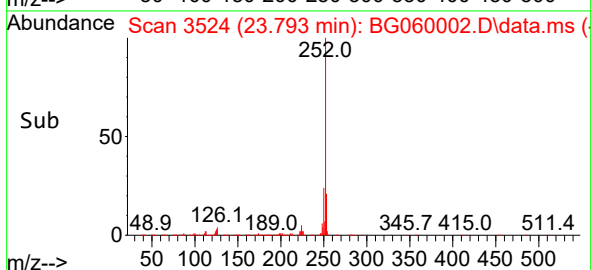
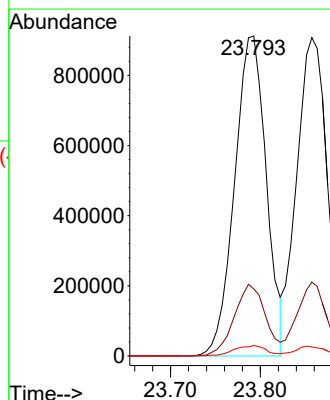
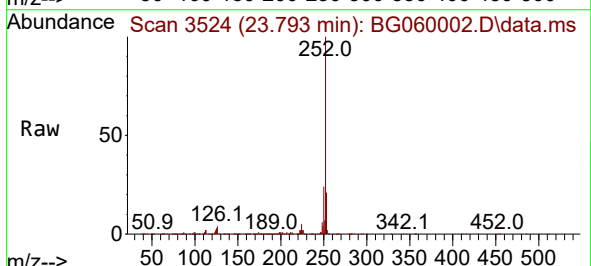
Tgt Ion:252 Resp: 2234355

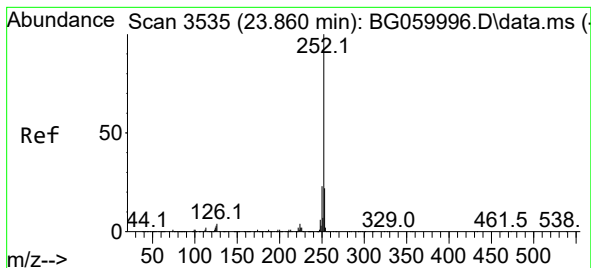
Ion Ratio Lower Upper

252 100

253 20.9 17.4 26.2

125 3.3 2.6 4.0





#89

Benzo(k)fluoranthene

Concen: 44.709 ng

RT: 23.857 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS

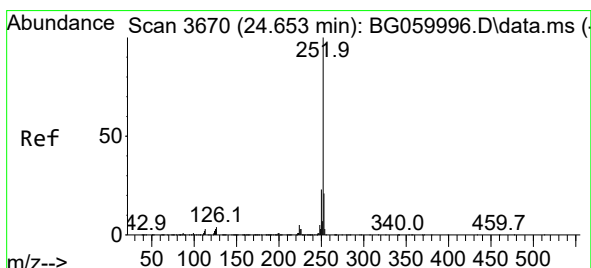
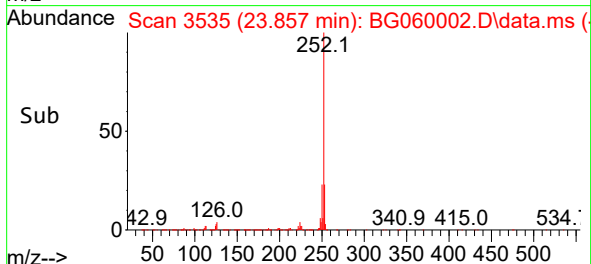
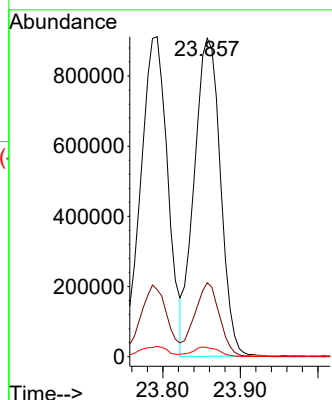
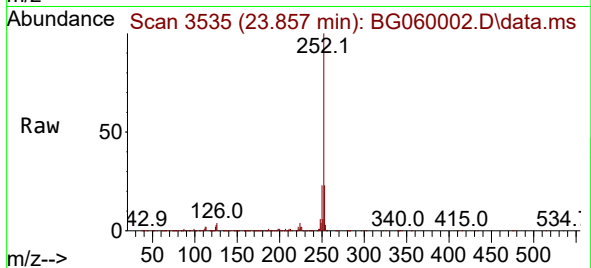
Tgt Ion:252 Resp: 2133679

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.6

125 2.8 2.5 3.7



#90

Benzo(a)pyrene

Concen: 45.522 ng

RT: 24.656 min Scan# 3671

Delta R.T. 0.003 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

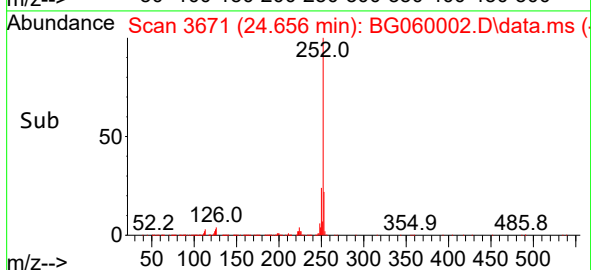
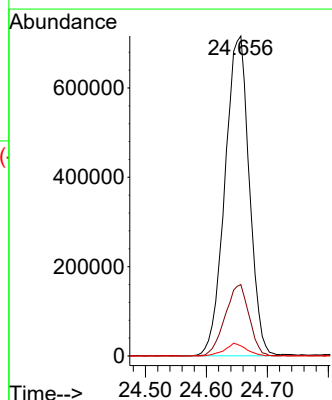
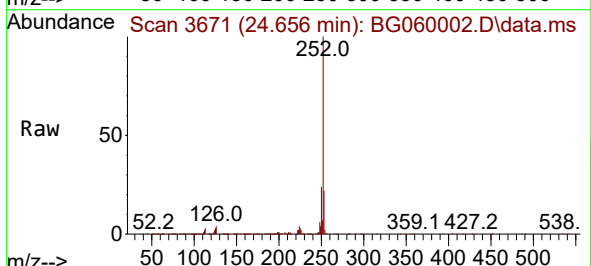
Tgt Ion:252 Resp: 1984292

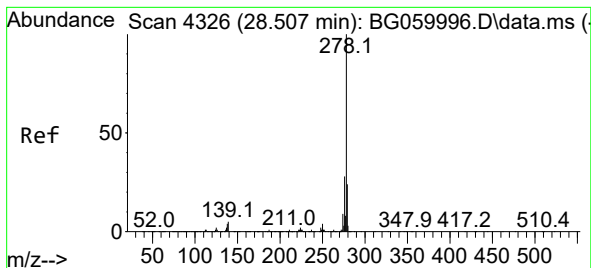
Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 3.2 2.6 4.0





#91

Dibenzo(a,h)anthracene

Concen: 47.806 ng

RT: 28.505 min Scan# 41

Delta R.T. -0.002 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS

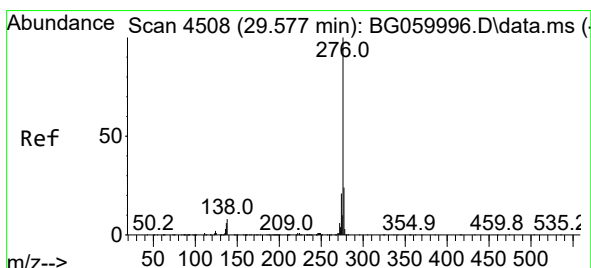
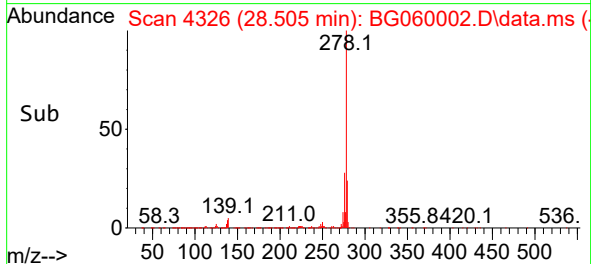
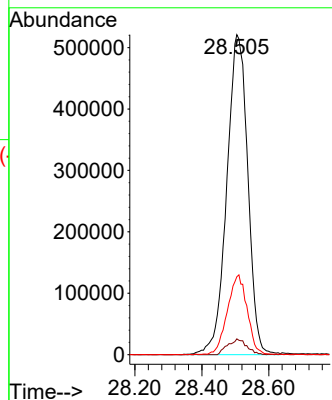
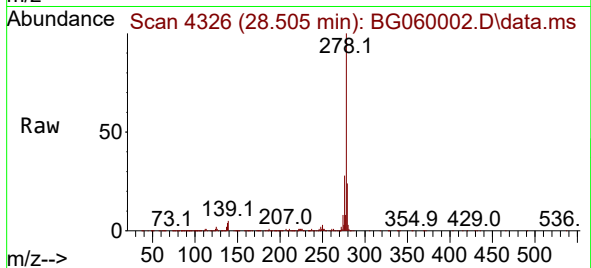
Tgt Ion:278 Resp: 2272801

Ion Ratio Lower Upper

278 100

139 5.0 4.4 6.6

279 24.3 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 44.858 ng

RT: 29.580 min Scan# 4509

Delta R.T. 0.003 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

Tgt Ion:276 Resp: 2121336

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.2

138 6.0 6.0 9.0#

