

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030723\
 Data File : BG056873.D
 Acq On : 7 Mar 2023 16:00
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV427

Quant Time: Mar 07 23:57:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 07 23:54:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	14085	20.000	ng/ul	0.00
20) Naphthalene-d8	11.264	136	60697	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.036	164	51693	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.780	188	141362	20.000	ng/ul	0.00
79) Chrysene-d12	22.104	240	133252	20.000	ng/ul	0.00
88) Perylene-d12	25.659	264	145693	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.690	96	2183	6.011	ng/uL	0.00
4) Pyridine-d5	4.137	84	21096	17.855	ng/ul	0.00
7) Phenol-d5	7.539	99	25653	17.770	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.721	67	18203	20.075	ng/ul	0.00
11) 2-Chlorophenol-d4	7.944	132	16474	18.234	ng/ul	0.00
15) 4-Methylphenol-d8	9.107	113	19641	18.031	ng/ul	0.00
21) Nitrobenzene-d5	9.595	128	9406	18.684	ng/ul	0.00
24) 2-Nitrophenol-d4	10.324	143	11162	18.742	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.870	165	21499	18.637	ng/ul	0.00
31) 4-Chloroaniline-d4	11.387	131	27304	17.963	ng/ul	0.00
46) Dimethylphthalate-d6	14.419	166	79402	17.958	ng/ul	0.00
49) Acenaphthylene-d8	14.736	160	87110	17.943	ng/ul	0.00
54) 4-Nitrophenol-d4	15.194	143	13961	18.634	ng/ul	0.00
60) Fluorene-d10	16.023	176	72938	17.789	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.123	200	18019	17.637	ng/ul	0.00
73) Anthracene-d10	17.874	188	123664	18.100	ng/ul	0.00
81) Pyrene-d10	20.141	212	151898	18.715	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.418	264	142526	17.866	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.731	88	2848	7.036	ng/uL#	76
5) Pyridine	4.154	79	22239	17.568	ng/ul	97
6) Benzaldehyde	7.539	77	20618	27.134	ng/ul	94
8) Phenol	7.568	94	27038	18.371	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.815	93	19183	18.553	ng/ul	98
12) 2-Chlorophenol	7.973	128	17189	18.517	ng/ul	96
13) 2-Methylphenol	8.849	108	20217	18.684	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.931	45	27615	19.460	ng/ul#	91
16) Acetophenone	9.242	105	36708	19.692	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.219	70	20422	18.835	ng/ul	92
18) 4-Methylphenol	9.178	108	21313	18.147	ng/ul	87
19) Hexachloroethane	9.524	117	7029	18.335	ng/ul	84
22) Nitrobenzene	9.636	77	29733	18.927	ng/ul#	94
23) Isophorone	10.159	82	56025	18.269	ng/ul	99
25) 2-Nitrophenol	10.359	139	11627	18.673	ng/ul	90
26) 2,4-Dimethylphenol	10.394	107	26087	19.111	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.635	93	28263	18.933	ng/ul#	89
29) 2,4-Dichlorophenol	10.899	162	21527	19.356	ng/ul	93
30) Naphthalene	11.311	128	62013	18.496	ng/ul	96
32) 4-Chloroaniline	11.411	127	28327	19.021	ng/ul	98
33) Hexachlorobutadiene	11.593	225	16909	19.319	ng/ul	91
34) Caprolactam	12.151	113	8507	20.876	ng/ul	86
35) 4-Chloro-3-methylphenol	12.492	107	26143	20.246	ng/ul	97
36) 2-Methylnaphthalene	12.891	142	49037	20.333	ng/ul	91

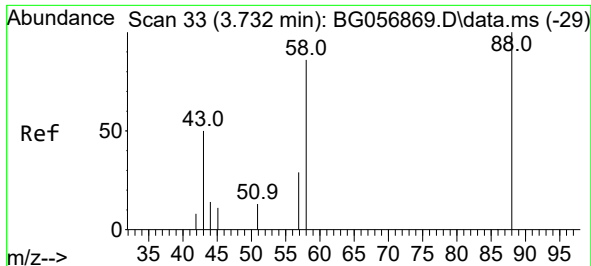
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030723\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.103	142	44098	18.300	ng/ul#	90
39) 1,2,4,5-Tetrachloroben...	13.250	216	34625	18.126	ng/ul#	96
40) Hexachlorocyclopentadiene	13.226	237	22763	17.525	ng/ul	91
41) 2,4,6-Trichlorophenol	13.473	196	23326	18.752	ng/ul	92
42) 2,4,5-Trichlorophenol	13.543	196	25308	18.278	ng/ul	93
43) 1,1'-Biphenyl	13.872	154	70630	18.244	ng/ul	98
44) 2-Chloronaphthalene	13.925	162	57762	18.095	ng/ul	93
45) 2-Nitroaniline	14.113	65	22648	19.240	ng/ul	90
47) Dimethylphthalate	14.466	163	81344	18.199	ng/ul	97
48) 2,6-Dinitrotoluene	14.595	165	16817	18.710	ng/ul	97
50) Acenaphthylene	14.765	152	88941	18.128	ng/ul	99
51) 3-Nitroaniline	14.924	138	17543	21.632	ng/ul	99
52) Acenaphthene	15.100	153	60744	17.702	ng/ul	94
53) 2,4-Dinitrophenol	15.130	184	12196	18.510	ng/ul	97
55) 4-Nitrophenol	15.212	109	17799	18.430	ng/ul	96
56) Dibenzofuran	15.429	168	95642	18.233	ng/ul	99
57) 2,4-Dinitrotoluene	15.376	165	25341	18.288	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.647	232	25836	19.362	ng/ul	100
59) Diethylphthalate	15.817	149	82034	18.158	ng/ul	97
61) Fluorene	16.076	166	76451	18.302	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.058	204	45569	18.183	ng/ul	95
63) 4-Nitroaniline	16.082	138	18632	23.159	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.140	198	17738	18.142	ng/ul#	97
67) N-Nitrosodiphenylamine	16.270	169	71793	18.912	ng/ul	97
68) 4-Bromophenyl-phenylether	16.951	248	31683	18.070	ng/ul	99
69) Hexachlorobenzene	17.080	284	35258	18.537	ng/ul	96
70) Atrazine	17.198	200	33140	19.416	ng/ul	96
71) Pentachlorophenol	17.421	266	20204	18.021	ng/ul	97
72) Phenanthrene	17.821	178	138467	18.201	ng/ul	99
74) Anthracene	17.909	178	141228	18.223	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.849	216	34961	17.256	ng/uL	98
76) Pentachlorobenzene	15.347	250	36826	17.410	ng/uL	95
77) Carbazole	18.173	167	126684	19.262	ng/ul	99
78) Di-n-butylphthalate	18.696	149	140224	18.433	ng/ul	100
80) Fluoranthene	19.807	202	182345	18.847	ng/ul	99
82) Pyrene	20.171	202	181889	18.775	ng/ul	99
83) Butylbenzylphthalate	21.029	149	60872	18.945	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.980	252	72774	22.545	ng/ul	97
85) Benzo(a)anthracene	22.086	228	183073	18.793	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.939	149	86303	18.796	ng/ul	97
87) Chrysene	22.157	228	168338	18.648	ng/ul	98
89) Di-n-octyl phthalate	23.267	149	146324	18.441	ng/ul	100
90) Benzo(b)fluoranthene	24.519	252	180868	18.161	ng/ul	100
91) Benzo(k)fluoranthene	24.595	252	177986	18.603	ng/ul	98
93) Benzo(a)pyrene	25.488	252	157463	18.505	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.760	276	210322	18.087	ng/ul	99
95) Dibenzo(a,h)anthracene	29.830	278	176817	18.426	ng/ul#	98
96) Benzo(g,h,i)perylene	31.052	276	167805	17.997	ng/ul#	90

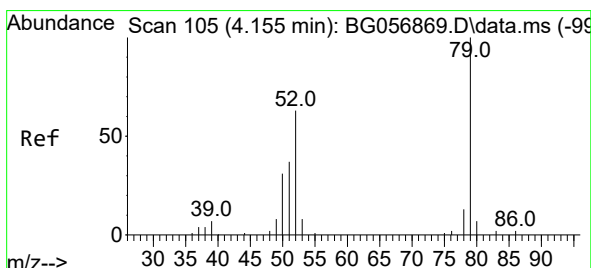
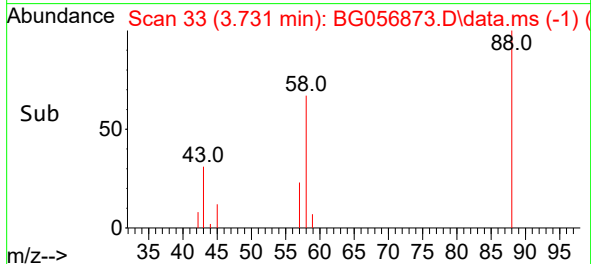
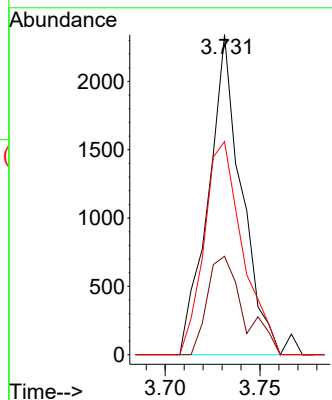
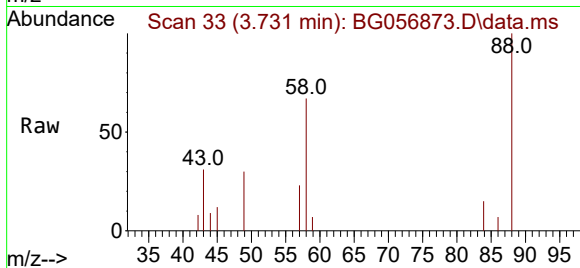
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#2
1,4-Dioxane
Concen: 7.036 ng/uL
RT: 3.731 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

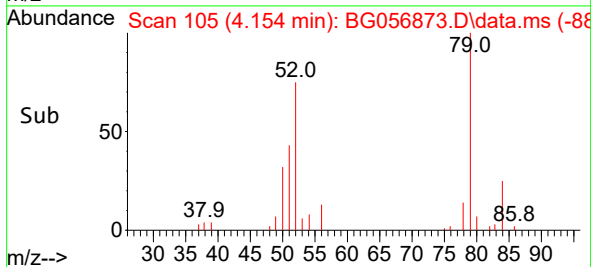
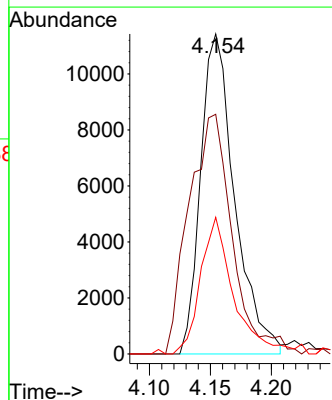
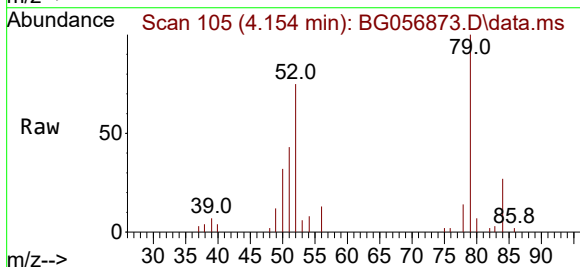
Instrument :
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SICV427

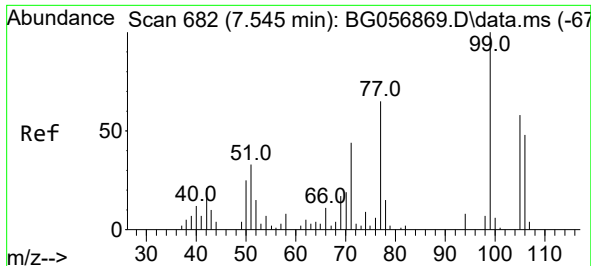
Tgt Ion: 88 Resp: 2848
Ion Ratio Lower Upper
88 100
43 30.7 40.2 60.4#
58 66.6 69.0 103.6#



#5
Pyridine
Concen: 17.568 ng/uL
RT: 4.154 min Scan# 105
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion: 79 Resp: 22239
Ion Ratio Lower Upper
79 100
52 74.9 60.3 90.5
51 42.7 31.0 46.4

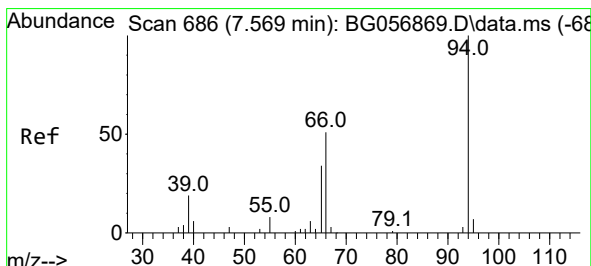
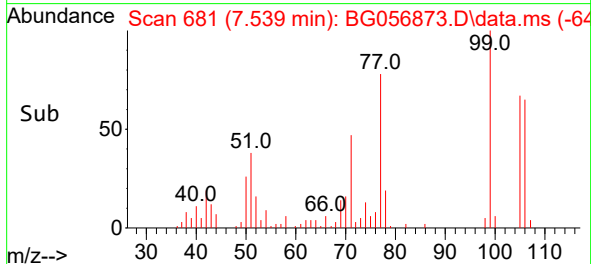
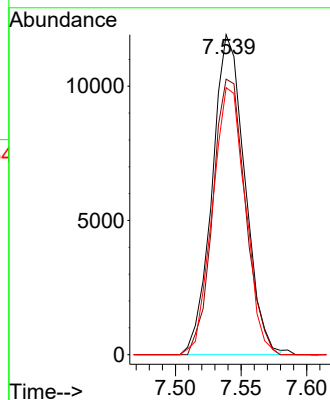
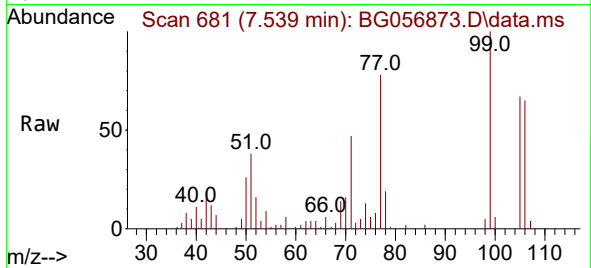




#6
Benzaldehyde
Concen: 27.134 ng/ul
RT: 7.539 min Scan# 681
Delta R.T. -0.006 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

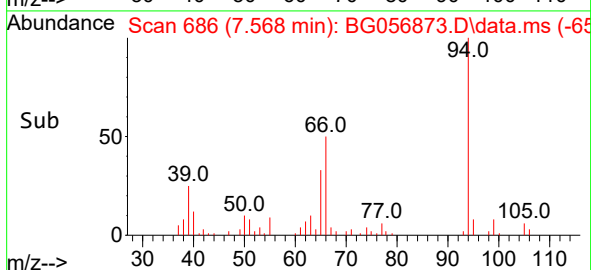
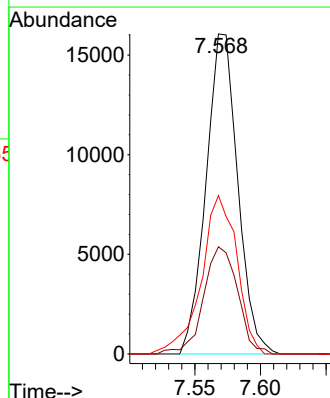
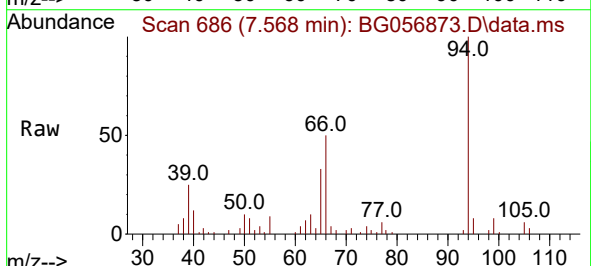
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ClientSampleId :
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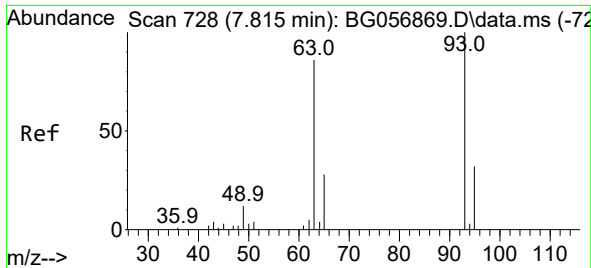
Tgt Ion: 77 Resp: 20618
Ion Ratio Lower Upper
77 100
105 86.1 70.3 105.5
106 83.5 59.0 88.6



#8
Phenol
Concen: 18.371 ng/ul
RT: 7.568 min Scan# 686
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion: 94 Resp: 27038
Ion Ratio Lower Upper
94 100
65 33.5 27.2 40.8
66 49.5 44.6 66.8

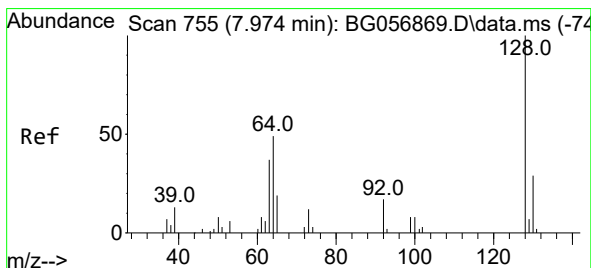
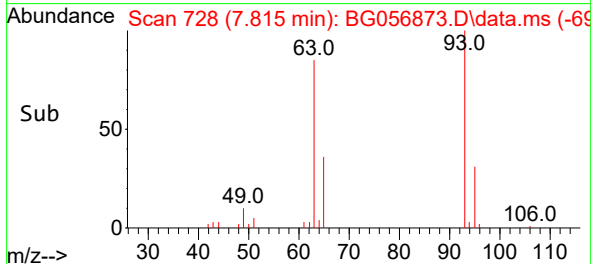
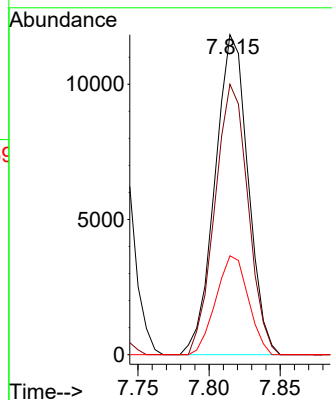
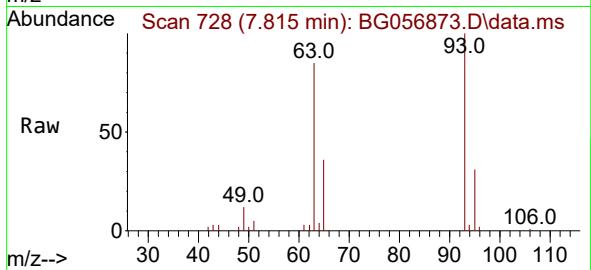




#10
 Bis(2-Chloroethyl)ether
 Concen: 18.553 ng/ul
 RT: 7.815 min Scan# 728
 Delta R.T. -0.001 min
 Lab File: BG056873.D
 Acq: 7 Mar 2023 16:00

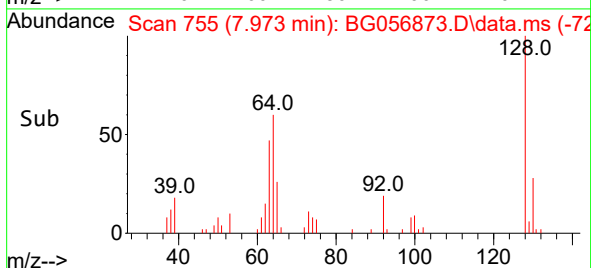
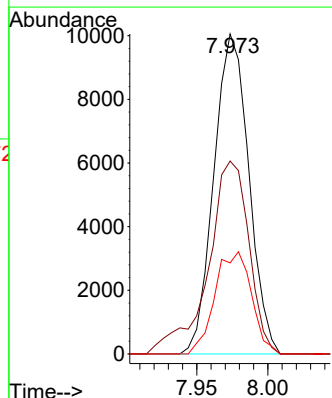
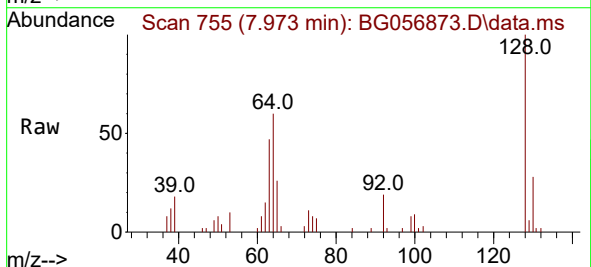
Instrument :
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 ClientSampleId :
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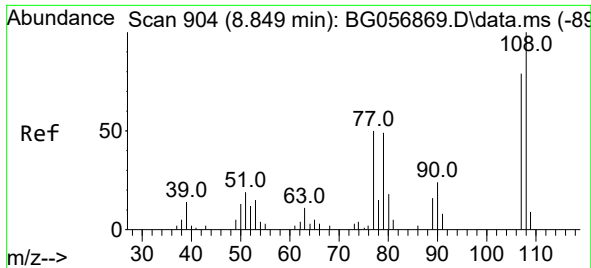
Tgt Ion: 93	Resp:	19183	
Ion	Ratio	Lower	Upper
93	100		
63	84.5	69.0	103.4
95	30.9	25.6	38.4



#12
 2-Chlorophenol
 Concen: 18.517 ng/ul
 RT: 7.973 min Scan# 755
 Delta R.T. -0.001 min
 Lab File: BG056873.D
 Acq: 7 Mar 2023 16:00

Tgt Ion:128	Resp:	17189	
Ion Ratio	Lower	Upper	
128 100			
64 60.3	45.0	67.4	
130 28.4	23.0	34.4	





#13

2-Methylphenol

Concen: 18.684 ng/ul

RT: 8.849 min Scan# 904

Delta R.T. -0.001 min

Lab File: BG056873.D

Acq: 7 Mar 2023 16:00

Instrument :

BNA_G

ClientSampleId :

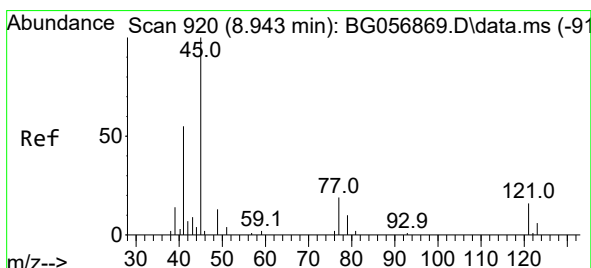
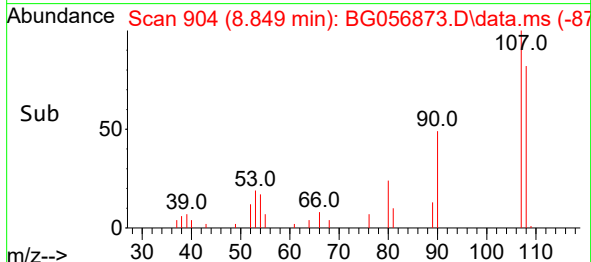
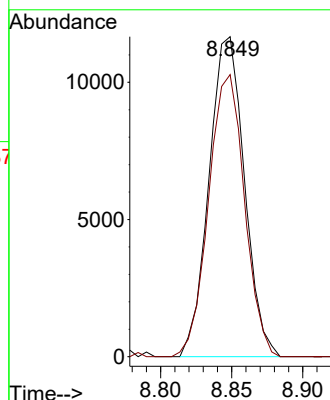
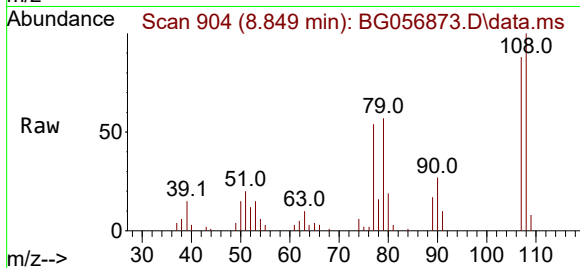
SICV427

Tgt Ion:108 Resp: 20217

Ion Ratio Lower Upper

108 100

107 88.2 63.4 95.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.460 ng/ul

RT: 8.931 min Scan# 918

Delta R.T. -0.012 min

Lab File: BG056873.D

Acq: 7 Mar 2023 16:00

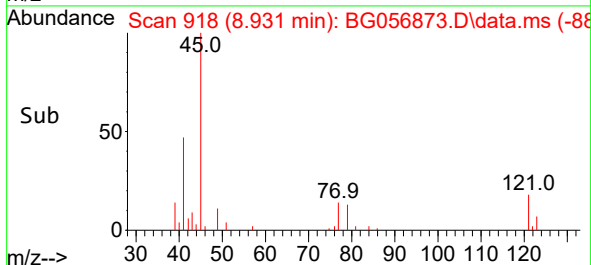
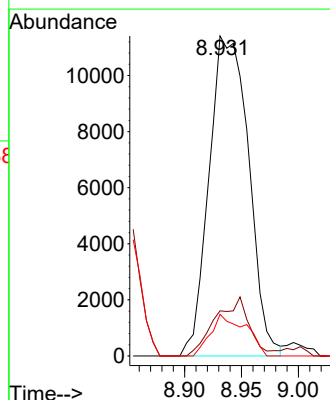
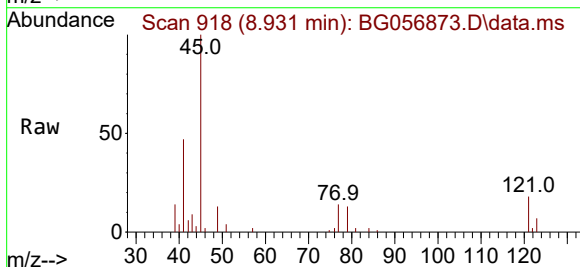
Tgt Ion: 45 Resp: 27615

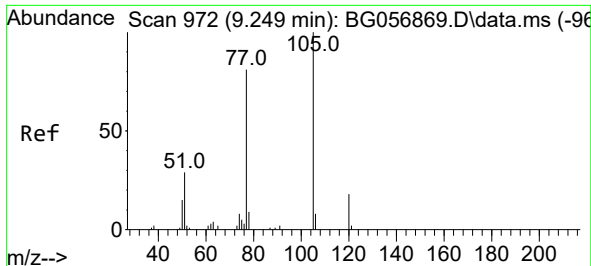
Ion Ratio Lower Upper

45 100

77 14.1 15.0 22.4#

79 13.0 8.3 12.5#

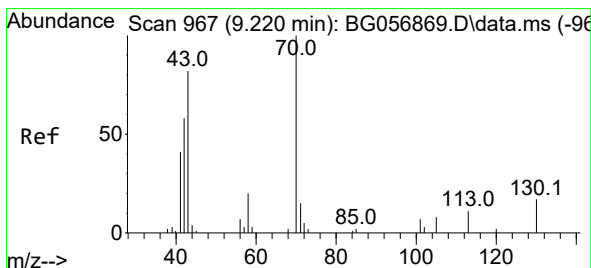
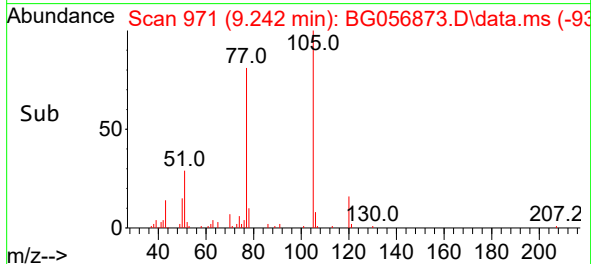
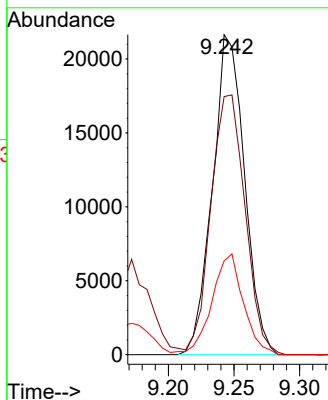
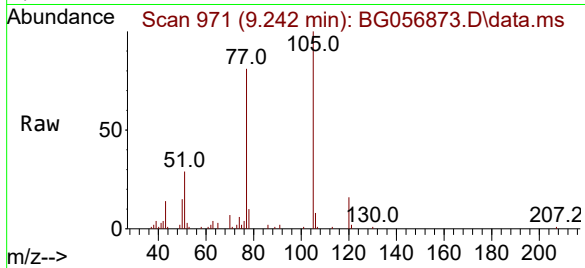




#16
Acetophenone
Concen: 19.692 ng/ul
RT: 9.242 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

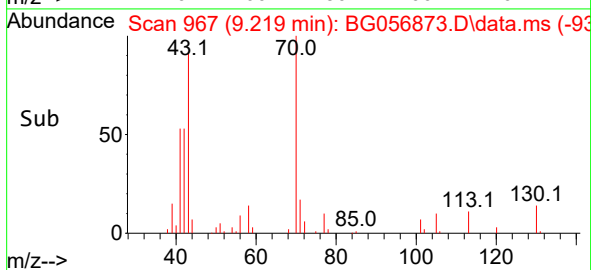
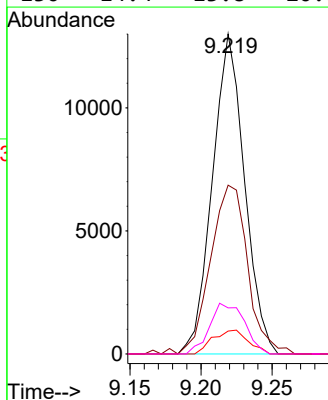
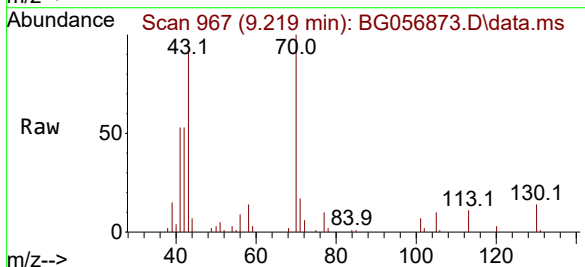
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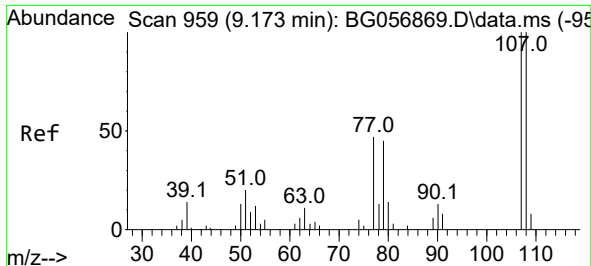
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Ion Ratio Lower Upper
105 100
77 80.7 65.9 98.9
51 29.3 23.3 34.9



#17
N-Nitroso-di-n-propylamine
Concen: 18.835 ng/ul
RT: 9.219 min Scan# 967
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion: 70 Resp: 20422
Ion Ratio Lower Upper
70 100
42 52.7 47.8 71.6
101 7.1 5.4 8.2
130 14.4 13.8 20.8

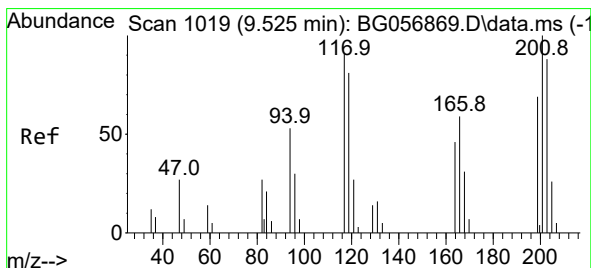
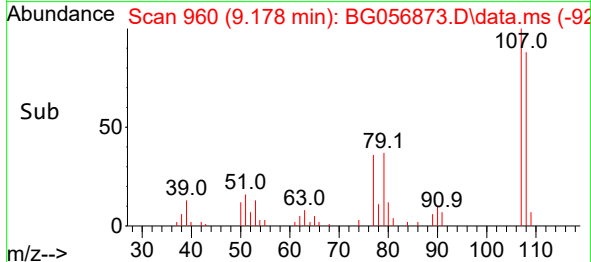
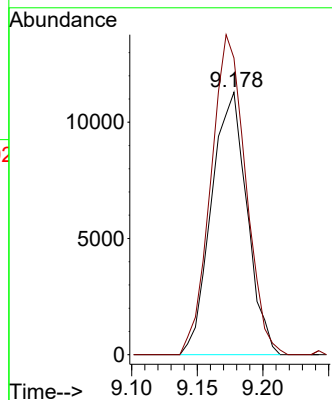
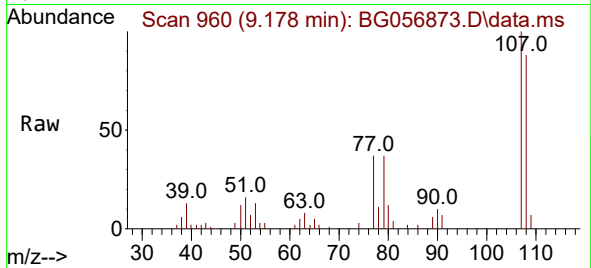




#18
4-Methylphenol
Concen: 18.147 ng/ul
RT: 9.178 min Scan# 90
Delta R.T. 0.005 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

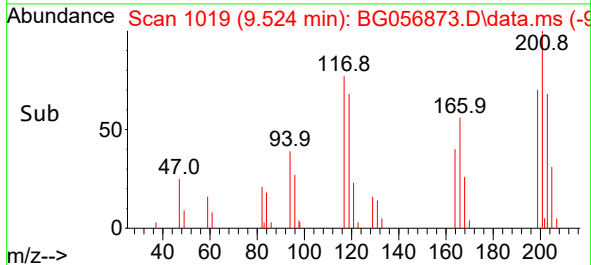
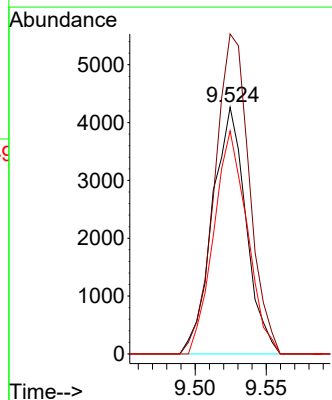
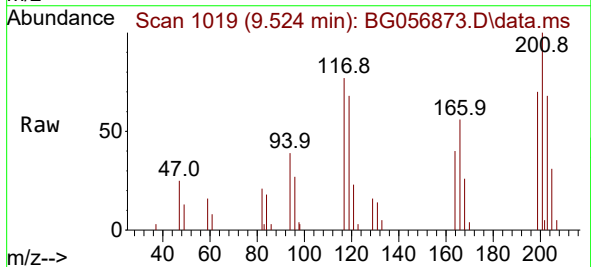
Instrument :
BNA_G
ClientSampleId :
SICV427

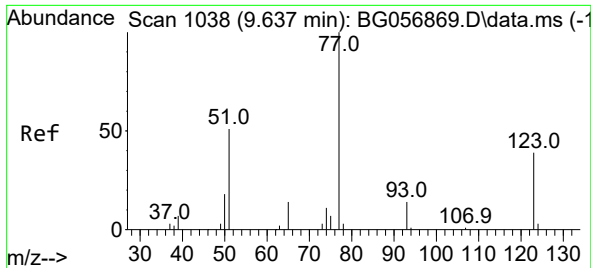
Tgt Ion:108 Resp: 21313
Ion Ratio Lower Upper
108 100
107 113.0 80.2 120.2



#19
Hexachloroethane
Concen: 18.335 ng/ul
RT: 9.524 min Scan# 1019
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion:117 Resp: 7029
Ion Ratio Lower Upper
117 100
201 129.7 87.5 131.3
199 90.4 63.8 95.6

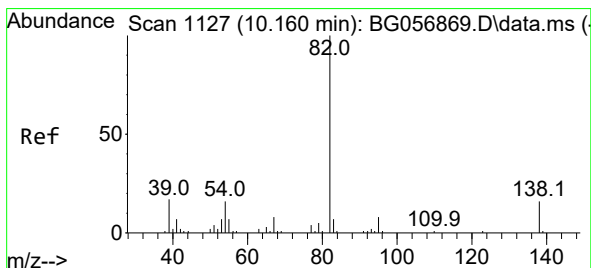
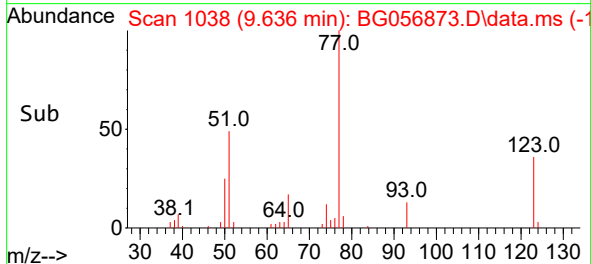
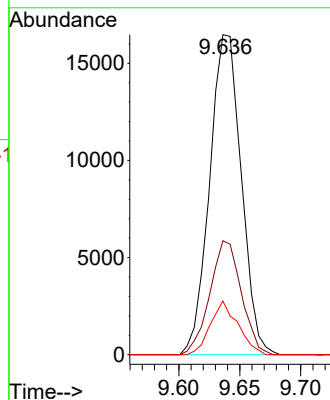
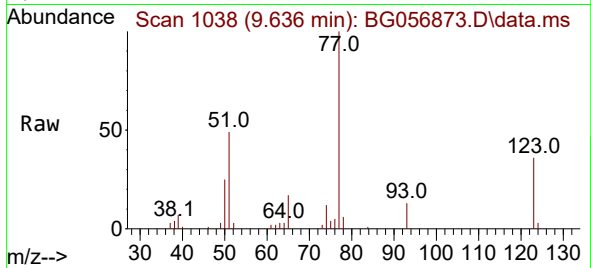




#22
Nitrobenzene
Concen: 18.927 ng/ul
RT: 9.636 min Scan# 1038
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

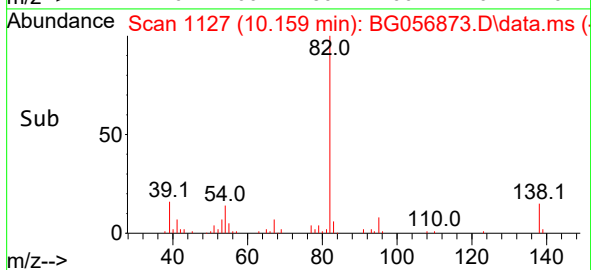
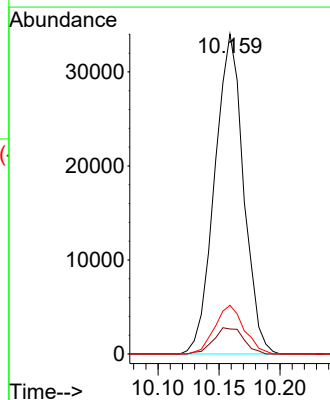
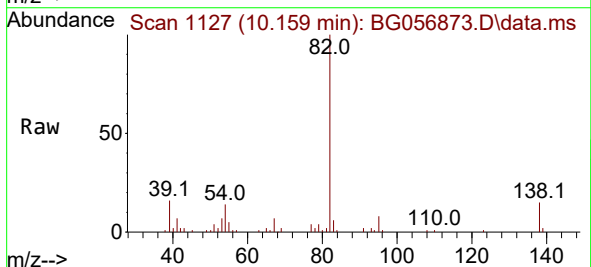
Instrument :
BNA_G
ClientSampleId :
SICV427

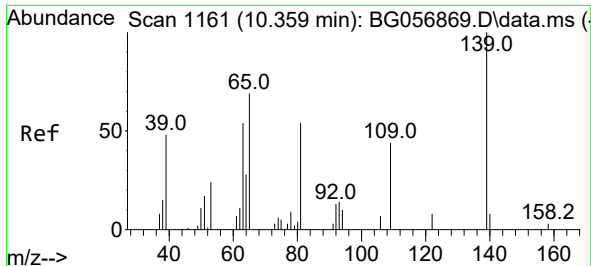
Tgt Ion: 77 Resp: 29733
Ion Ratio Lower Upper
77 100
123 35.6 31.0 46.4
65 16.8 11.1 16.7#



#23
Isophorone
Concen: 18.269 ng/ul
RT: 10.159 min Scan# 1127
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion: 82 Resp: 56025
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 15.2 12.6 18.8

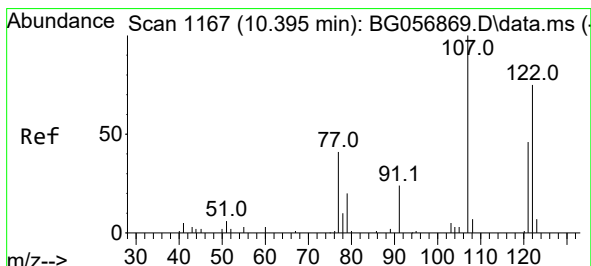
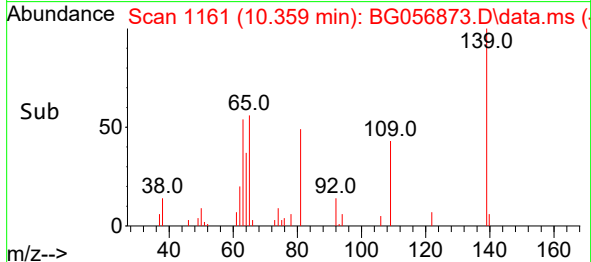
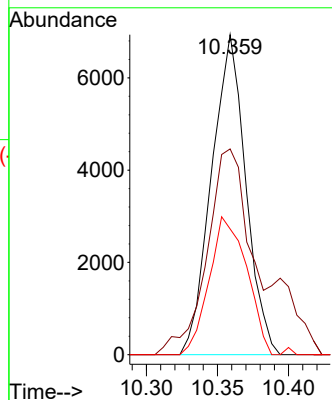
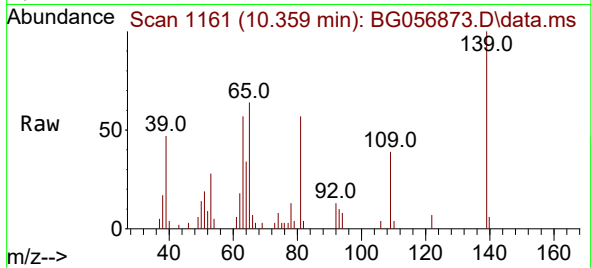




#25
2-Nitrophenol
Concen: 18.673 ng/ul
RT: 10.359 min Scan# 1161
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

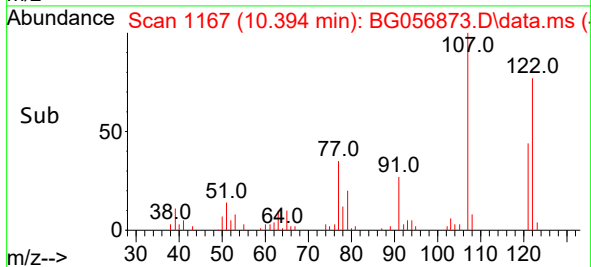
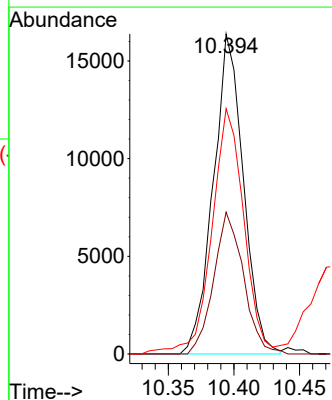
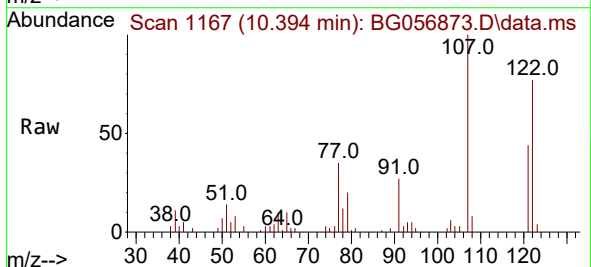
Instrument :
BNA_G
ClientSampleId :
SICV427

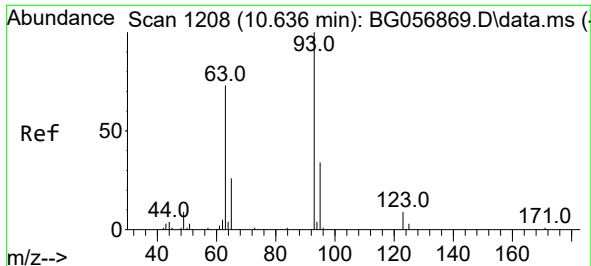
Tgt Ion:139 Resp: 11627
Ion Ratio Lower Upper
139 100
65 64.3 59.4 89.2
109 39.3 35.3 52.9



#26
2,4-Dimethylphenol
Concen: 19.111 ng/ul
RT: 10.394 min Scan# 1167
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion:107 Resp: 26087
Ion Ratio Lower Upper
107 100
121 44.3 36.6 55.0
122 76.6 63.2 94.8





#27

Bis(2-Chloroethoxy)methane

Concen: 18.933 ng/ul

RT: 10.635 min Scan# 1208

Delta R.T. -0.001 min

Lab File: BG056873.D

Acq: 7 Mar 2023 16:00

Instrument :

BNA_G

ClientSampleId :

SICV427

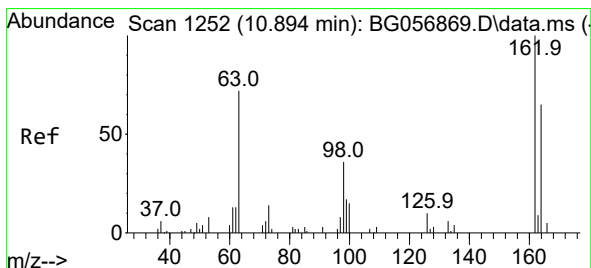
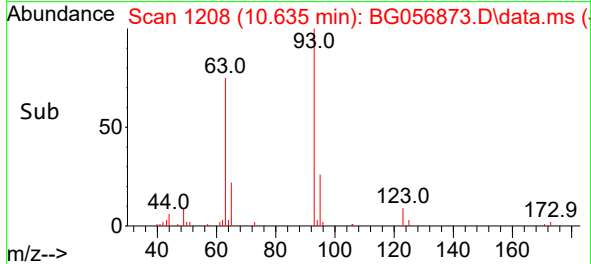
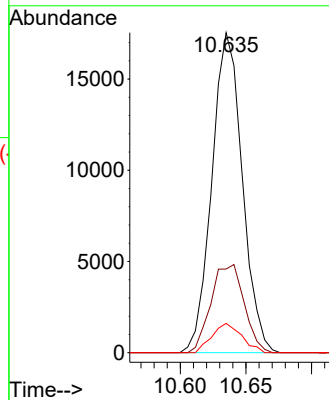
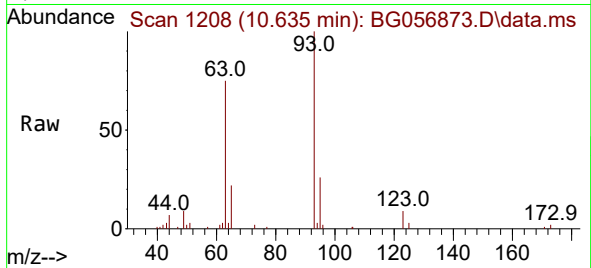
Tgt Ion: 93 Resp: 28263

Ion Ratio Lower Upper

93 100

95 26.2 27.3 40.9#

123 9.1 7.1 10.7



#29

2,4-Dichlorophenol

Concen: 19.356 ng/ul

RT: 10.899 min Scan# 1253

Delta R.T. 0.005 min

Lab File: BG056873.D

Acq: 7 Mar 2023 16:00

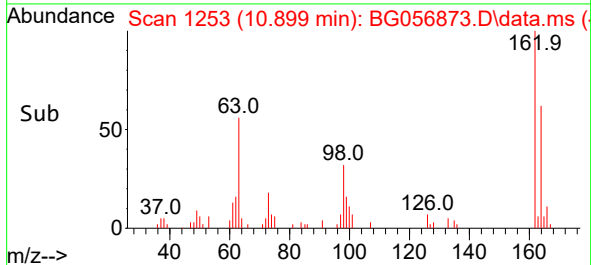
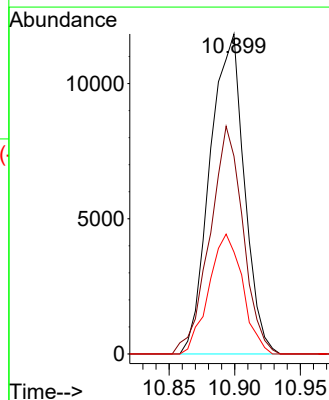
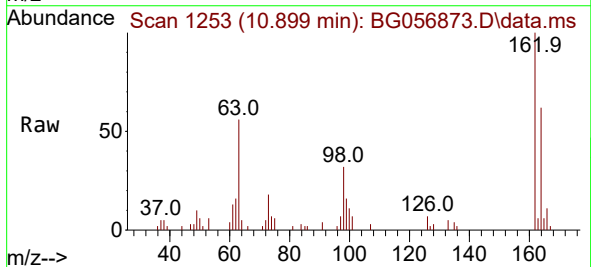
Tgt Ion:162 Resp: 21527

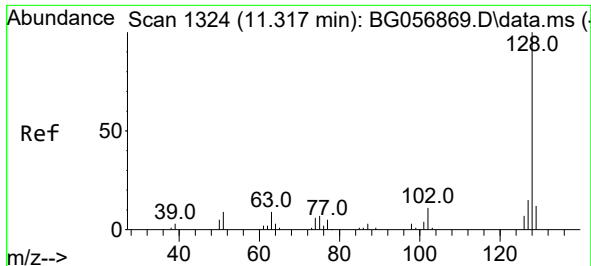
Ion Ratio Lower Upper

162 100

164 61.8 53.7 80.5

98 31.8 28.7 43.1

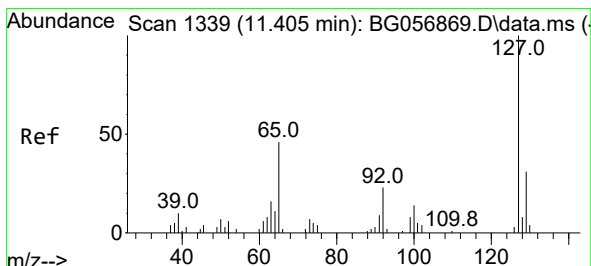
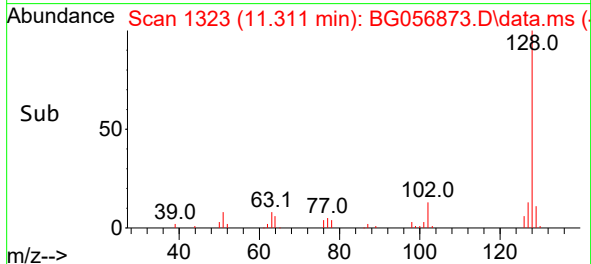
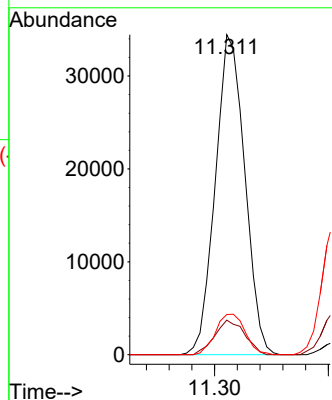
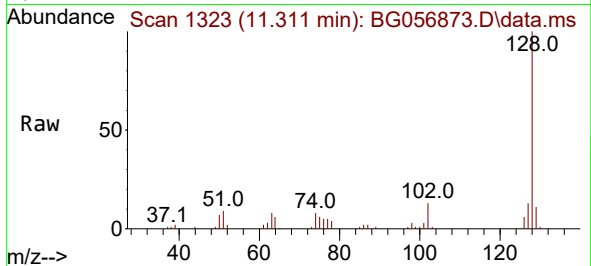




#30
Naphthalene
Concen: 18.496 ng/ul
RT: 11.311 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

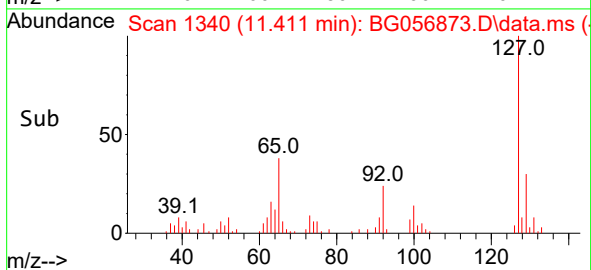
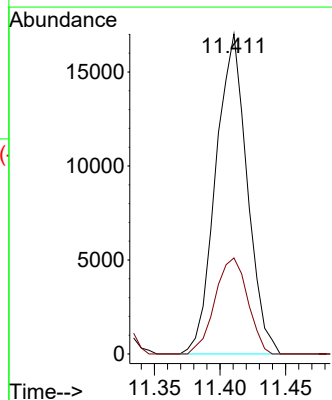
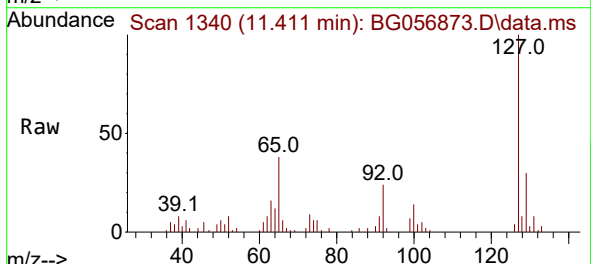
Instrument :
BNA_G
ClientSampleId :
SICV427

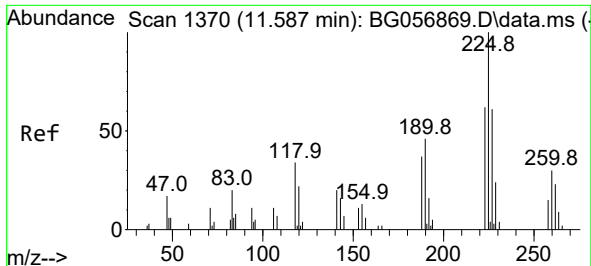
Tgt Ion:128 Resp: 62013
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.0
127 12.6 11.8 17.6



#32
4-Chloroaniline
Concen: 19.021 ng/ul
RT: 11.411 min Scan# 1340
Delta R.T. 0.005 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion:127 Resp: 28327
Ion Ratio Lower Upper
127 100
129 30.0 25.1 37.7

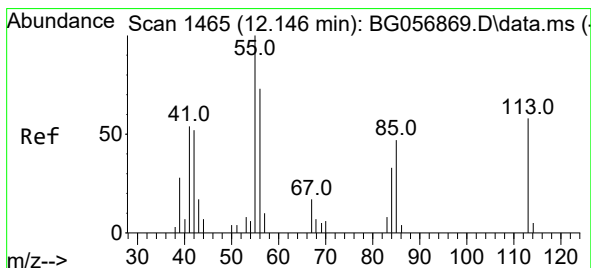
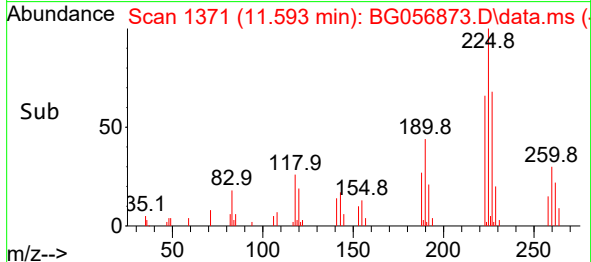
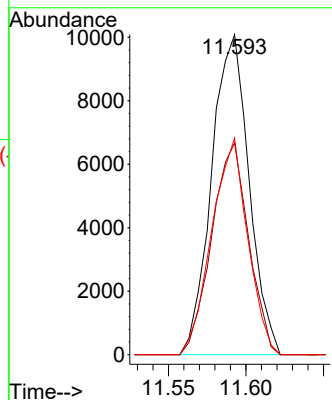
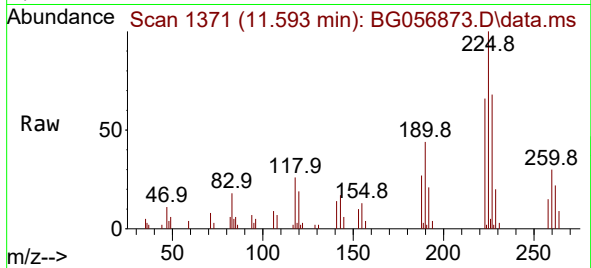




#33
Hexachlorobutadiene
Concen: 19.319 ng/ul
RT: 11.593 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

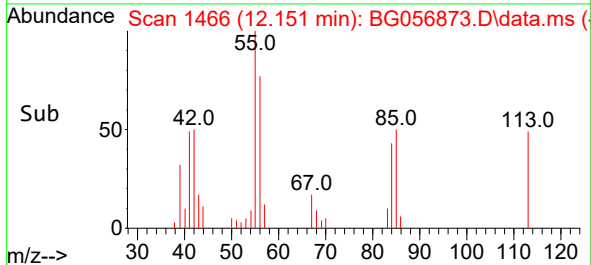
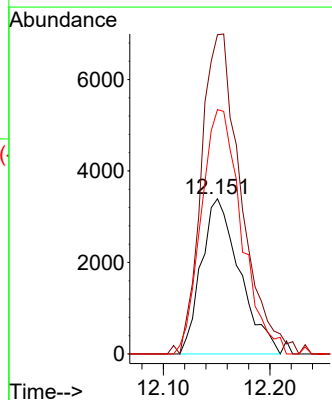
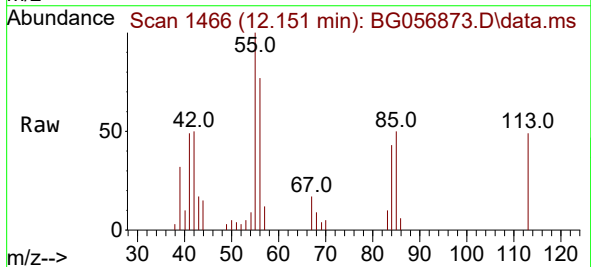
Instrument :
BNA_G
ClientSampleId :
SICV427

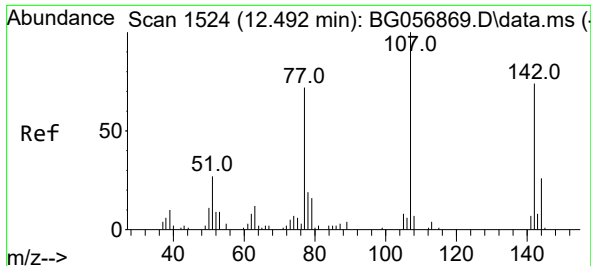
Tgt Ion:225 Resp: 16909
Ion Ratio Lower Upper
225 100
223 68.1 49.8 74.6
227 69.7 49.0 73.4



#34
Caprolactam
Concen: 20.876 ng/ul
RT: 12.151 min Scan# 1466
Delta R.T. 0.005 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion:113 Resp: 8507
Ion Ratio Lower Upper
113 100
55 205.6 150.8 226.2
56 157.4 110.0 165.0

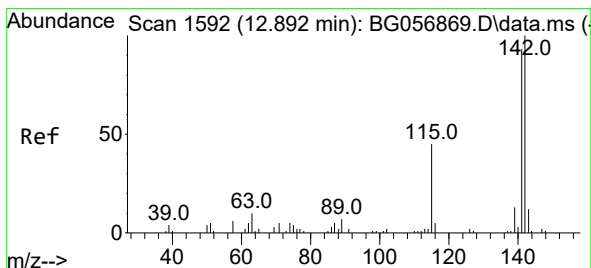
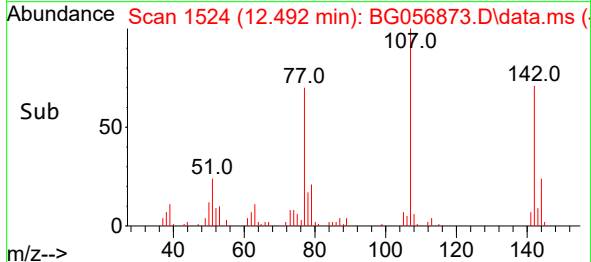
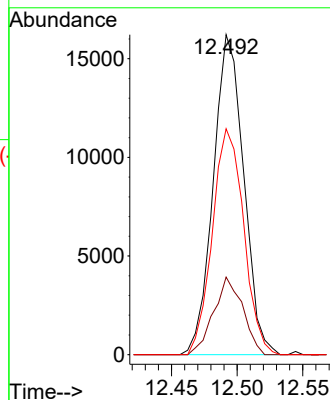
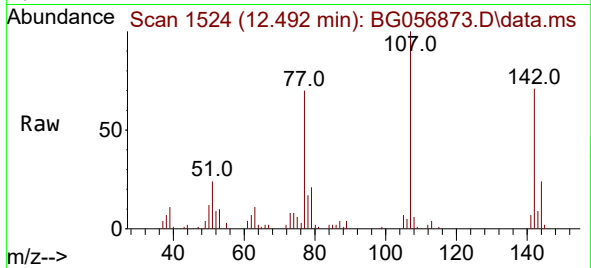




#35
4-Chloro-3-methylphenol
Concen: 20.246 ng/ul
RT: 12.492 min Scan# 1524
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

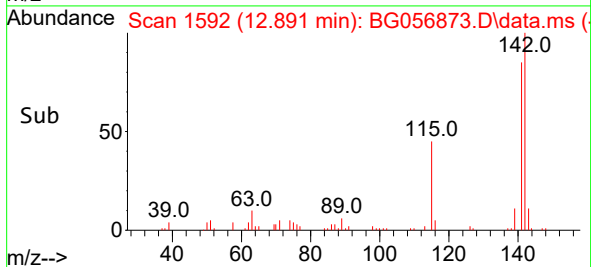
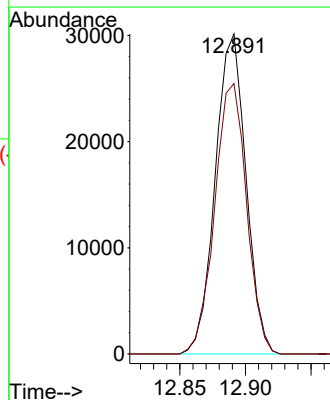
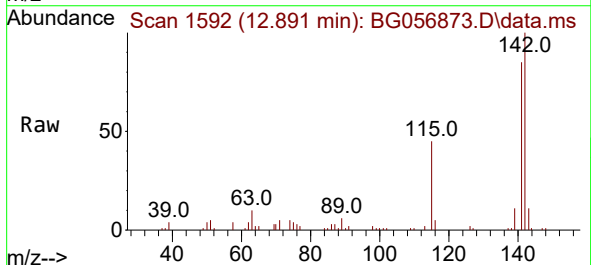
Instrument :
BNA_G
ClientSampleId :
SICV427

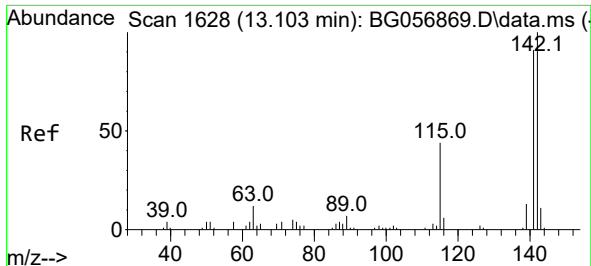
Tgt Ion:107 Resp: 26143
Ion Ratio Lower Upper
107 100
144 24.3 20.6 30.8
142 70.6 59.0 88.4



#36
2-Methylnaphthalene
Concen: 20.333 ng/ul
RT: 12.891 min Scan# 1592
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion:142 Resp: 49037
Ion Ratio Lower Upper
142 100
141 84.5 74.6 111.8





#37

1-Methylnaphthalene

Concen: 18.300 ng/ul

RT: 13.103 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG056873.D

Acq: 7 Mar 2023 16:00

Instrument :

BNA_G

ClientSampleId :

SICV427

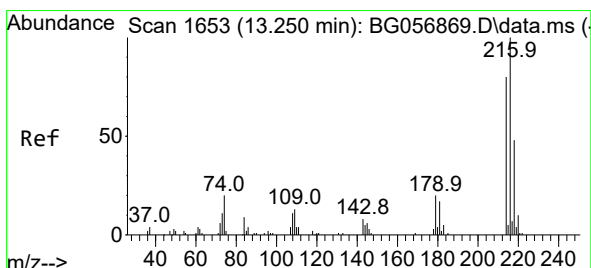
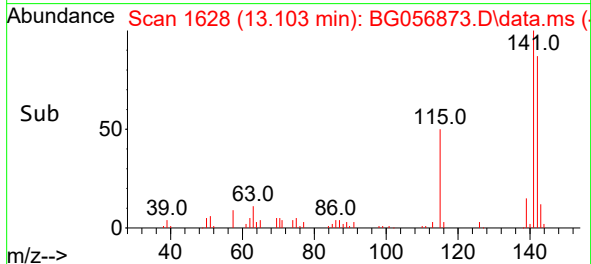
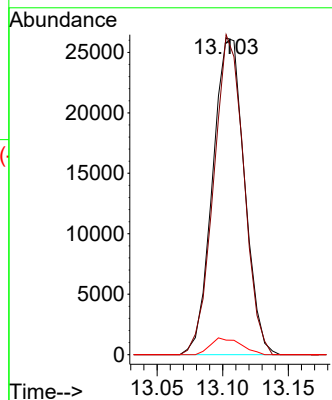
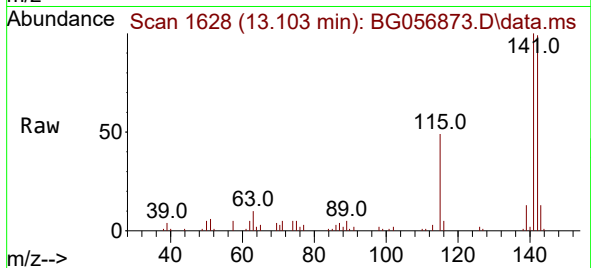
Tgt Ion:142 Resp: 44098

Ion Ratio Lower Upper

142 100

141 101.0 73.0 109.4

116 4.6 4.6 7.0#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.126 ng/ul

RT: 13.250 min Scan# 1653

Delta R.T. -0.001 min

Lab File: BG056873.D

Acq: 7 Mar 2023 16:00

Tgt Ion:216 Resp: 34625

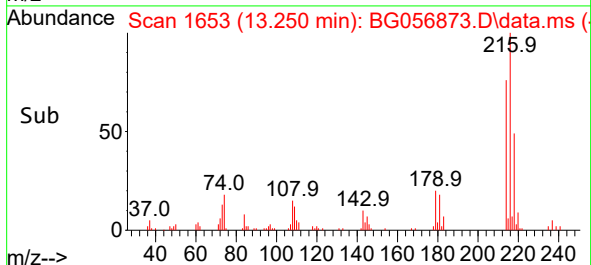
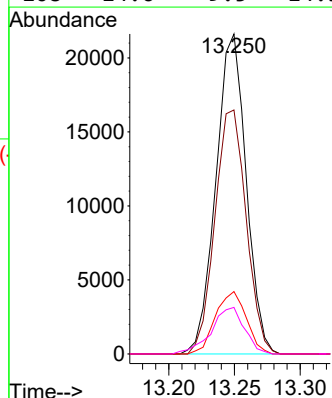
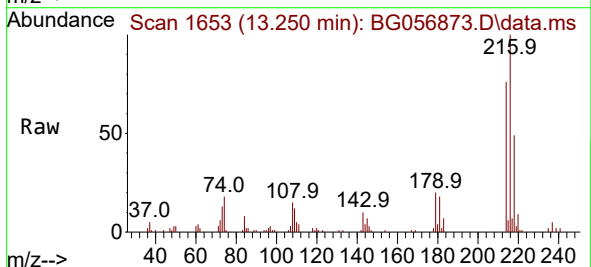
Ion Ratio Lower Upper

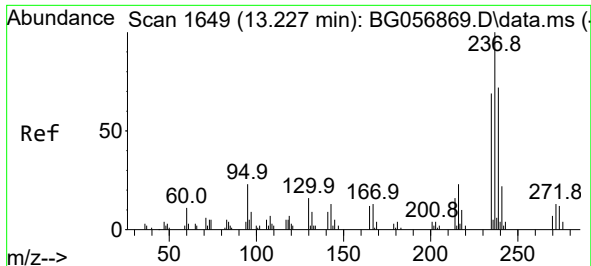
216 100

214 76.3 64.1 96.1

179 19.5 16.0 24.0

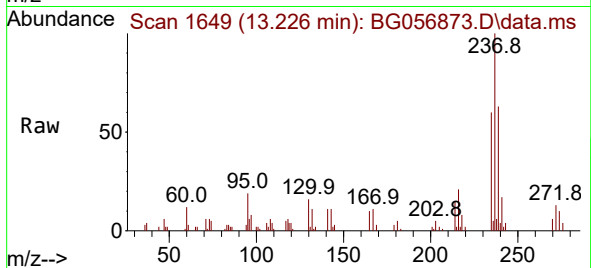
108 14.6 9.5 14.3#



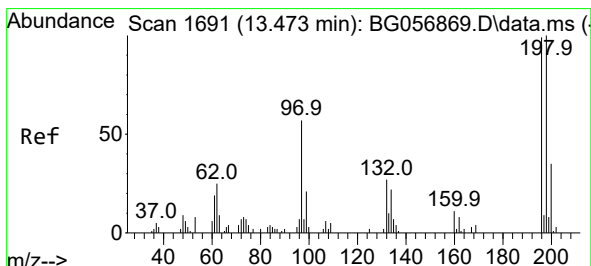
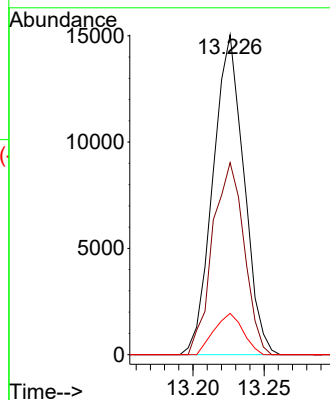
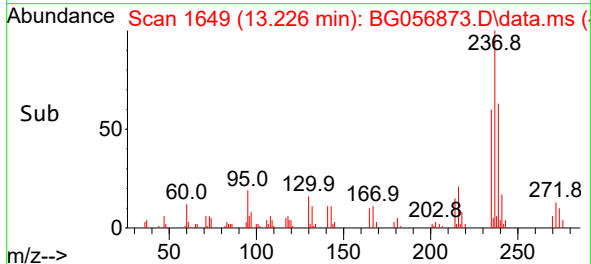


#40
Hexachlorocyclopentadiene
Concen: 17.525 ng/ul
RT: 13.226 min Scan# 1649
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

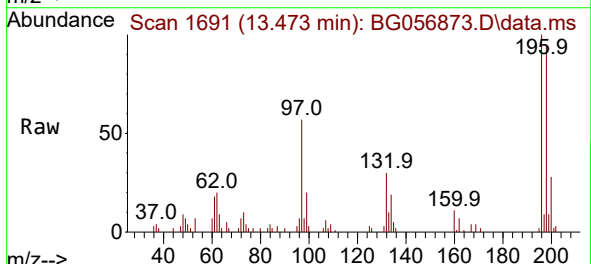
Instrument :
BNA_G
ClientSampleId :
SICV427



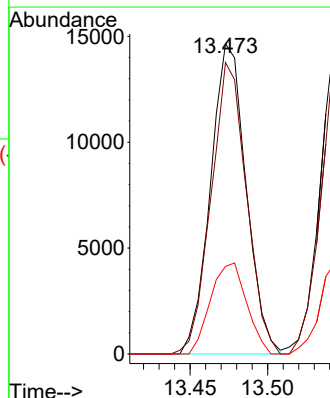
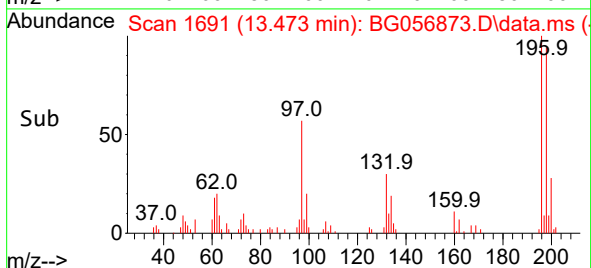
Tgt Ion:237 Resp: 22763
Ion Ratio Lower Upper
237 100
235 60.0 55.2 82.8
272 12.9 10.6 16.0

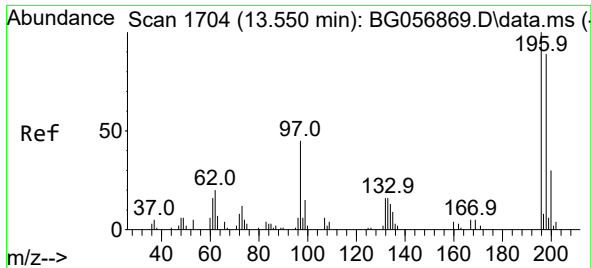


#41
2,4,6-Trichlorophenol
Concen: 18.752 ng/ul
RT: 13.473 min Scan# 1691
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00



Tgt Ion:196 Resp: 23326
Ion Ratio Lower Upper
196 100
198 94.0 80.9 121.3
200 28.2 27.9 41.9

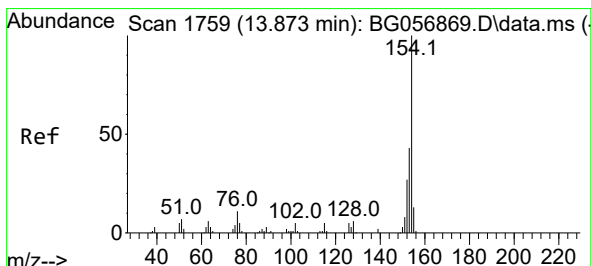
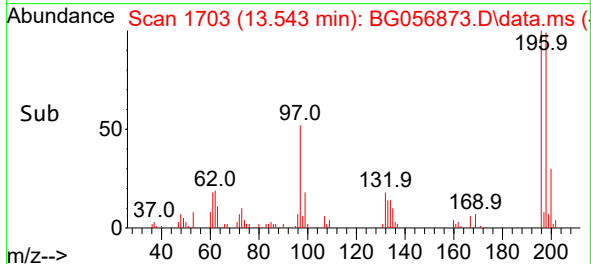
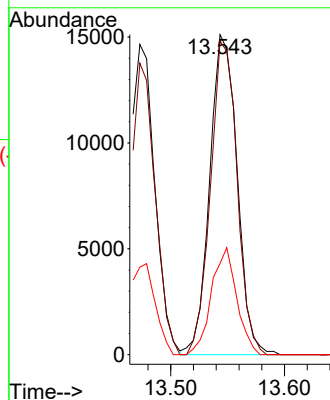
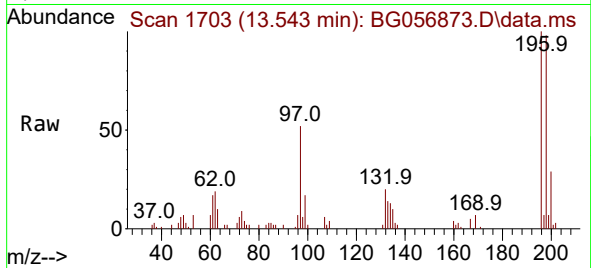




#42
 2,4,5-Trichlorophenol
 Concen: 18.278 ng/ul
 RT: 13.543 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BG056873.D
 Acq: 7 Mar 2023 16:00

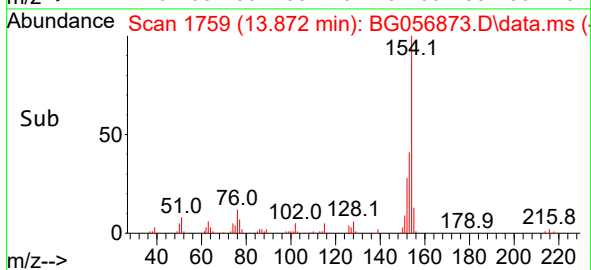
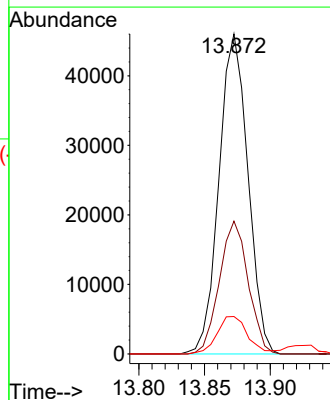
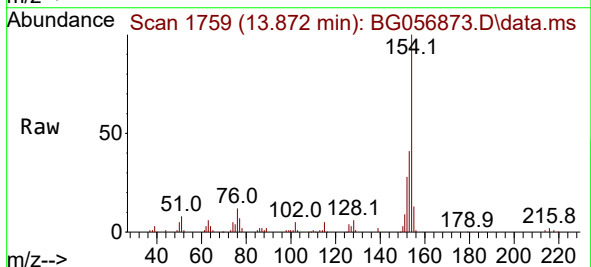
Instrument :
 BNA_G
 ClientSampleId :
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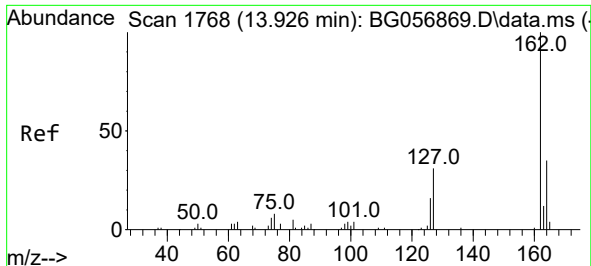
Tgt Ion:196 Resp: 25308
 Ion Ratio Lower Upper
 196 100
 198 98.1 72.7 109.1
 200 28.5 24.4 36.6



#43
 1,1'-Biphenyl
 Concen: 18.244 ng/ul
 RT: 13.872 min Scan# 1759
 Delta R.T. -0.001 min
 Lab File: BG056873.D
 Acq: 7 Mar 2023 16:00

Tgt Ion:154 Resp: 70630
 Ion Ratio Lower Upper
 154 100
 153 41.5 34.2 51.4
 76 11.7 9.2 13.8

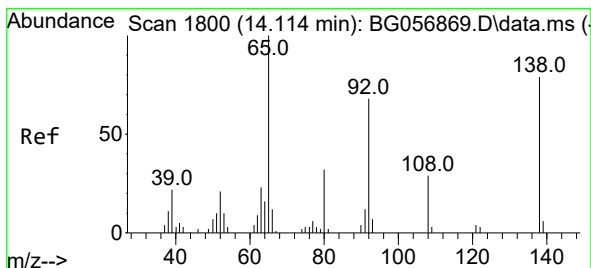
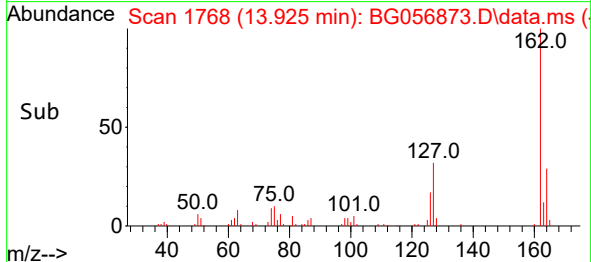
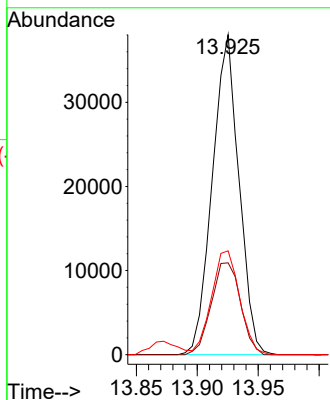
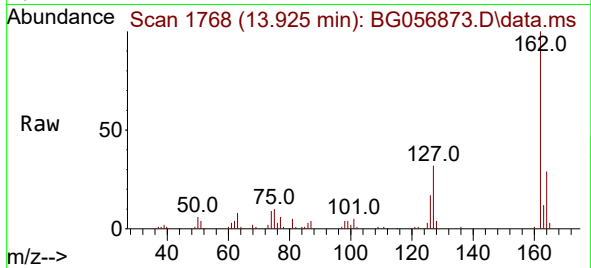




#44
2-Chloronaphthalene
Concen: 18.095 ng/ul
RT: 13.925 min Scan# 1768
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

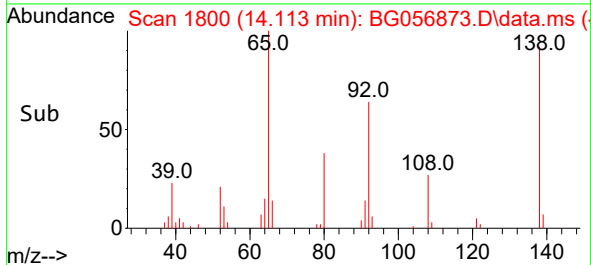
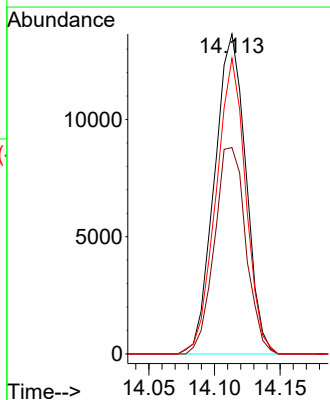
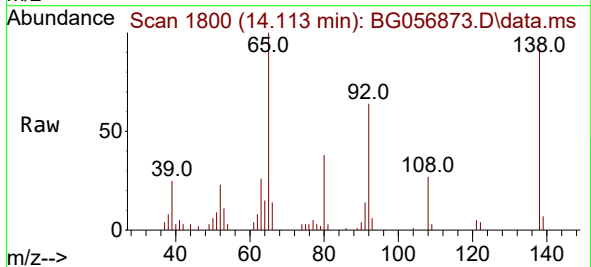
Instrument :
BNA_G
ClientSampleId :
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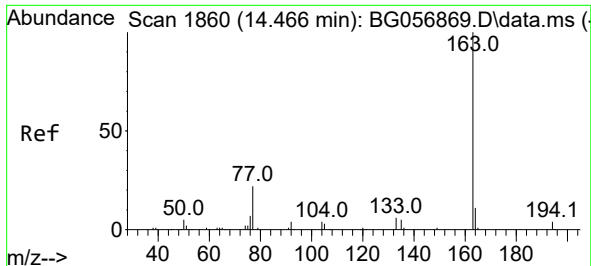
Tgt Ion:162 Resp: 57762
Ion Ratio Lower Upper
162 100
164 28.7 28.3 42.5
127 32.5 26.8 40.2



#45
2-Nitroaniline
Concen: 19.240 ng/ul
RT: 14.113 min Scan# 1800
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion: 65 Resp: 22648
Ion Ratio Lower Upper
65 100
92 64.5 54.7 82.1
138 92.4 63.4 95.0

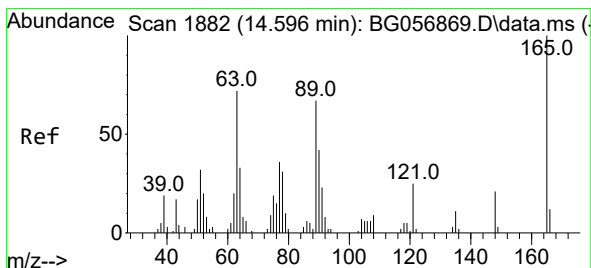
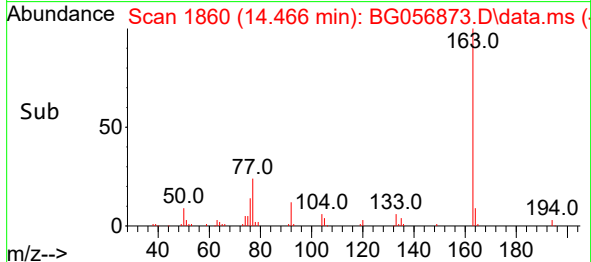
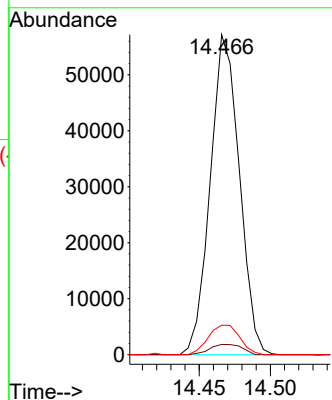
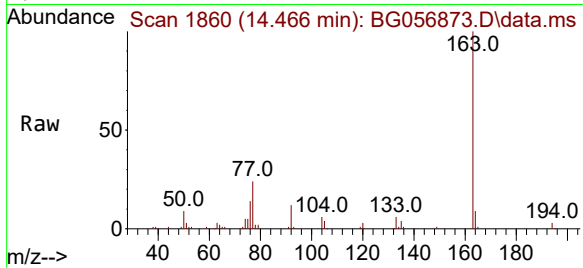




#47
Dimethylphthalate
Concen: 18.199 ng/ul
RT: 14.466 min Scan# 1860
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

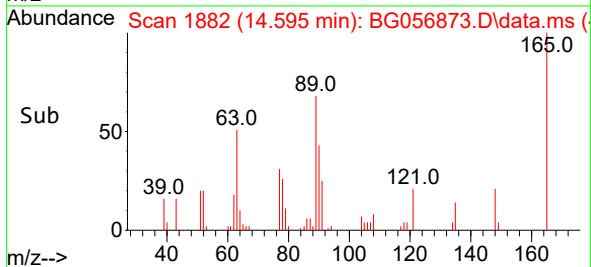
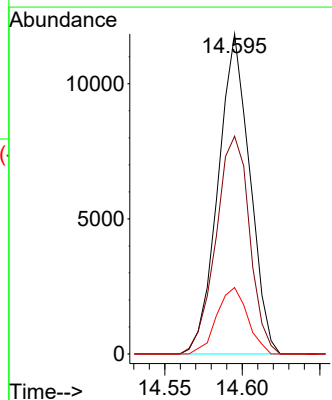
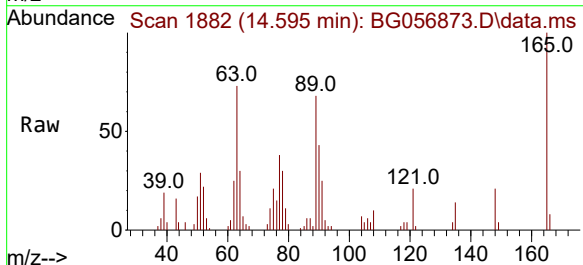
Instrument :
BNA_G
ClientSampleId :
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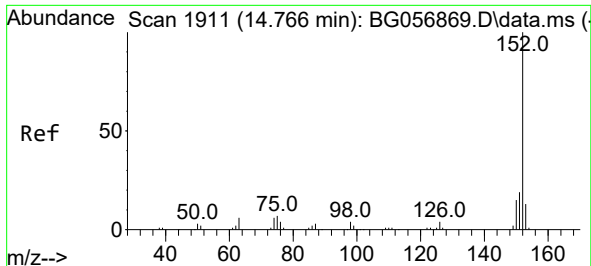
Tgt Ion:163 Resp: 81344
Ion Ratio Lower Upper
163 100
194 3.2 3.1 4.7
164 9.2 8.4 12.6



#48
2,6-Dinitrotoluene
Concen: 18.710 ng/ul
RT: 14.595 min Scan# 1882
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion:165 Resp: 16817
Ion Ratio Lower Upper
165 100
89 68.0 53.7 80.5
121 20.8 19.8 29.8

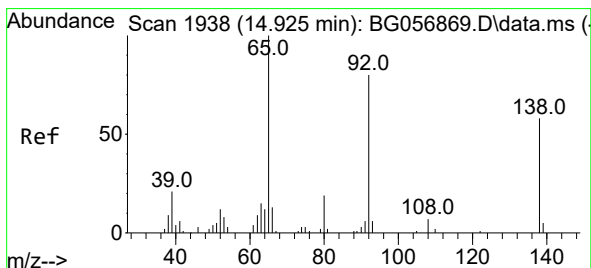
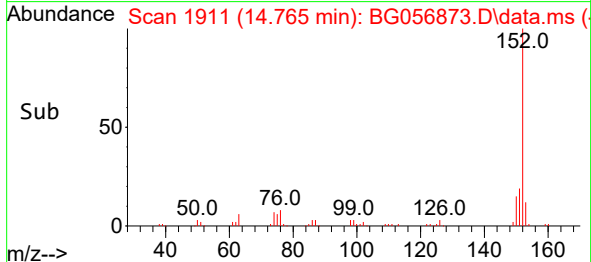
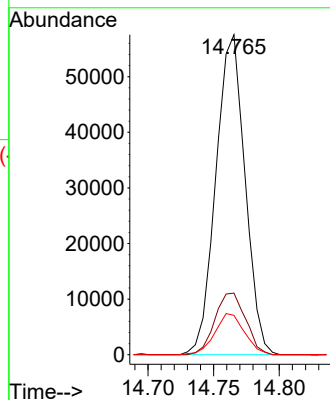
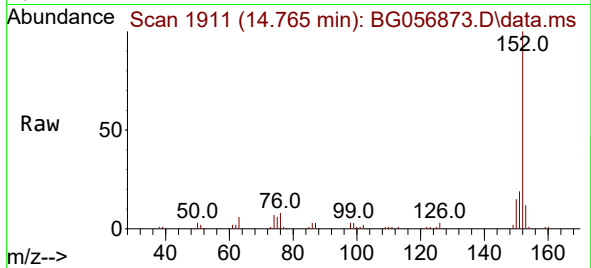




#50
Acenaphthylene
Concen: 18.128 ng/ul
RT: 14.765 min Scan# 1911
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

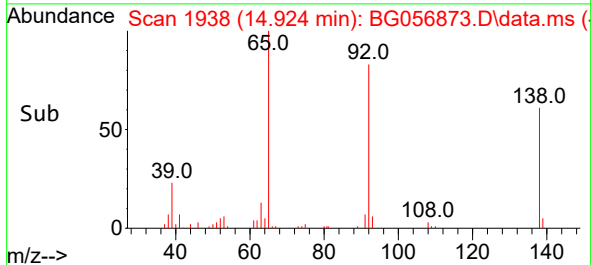
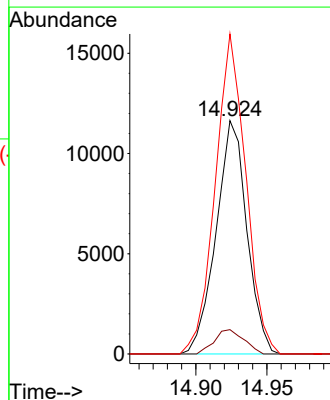
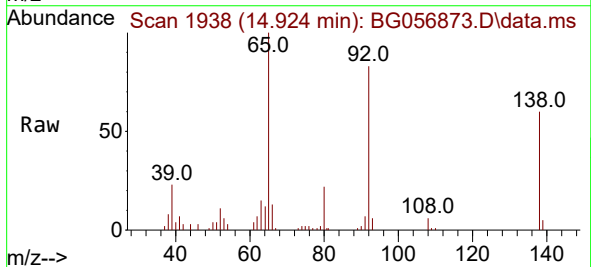
Instrument :
BNA_G
ClientSampleId :
SICV427

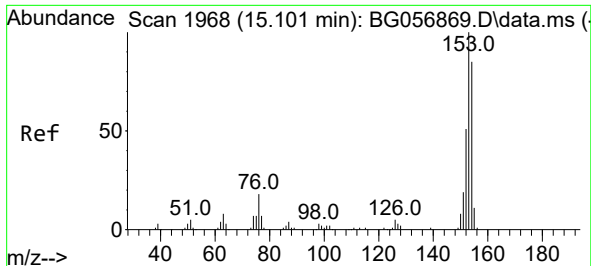
Tgt Ion:152 Resp: 88941
Ion Ratio Lower Upper
152 100
151 19.3 15.2 22.8
153 12.3 10.6 16.0



#51
3-Nitroaniline
Concen: 21.632 ng/ul
RT: 14.924 min Scan# 1938
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion:138 Resp: 17543
Ion Ratio Lower Upper
138 100
108 10.4 9.0 13.6
92 137.2 110.3 165.5

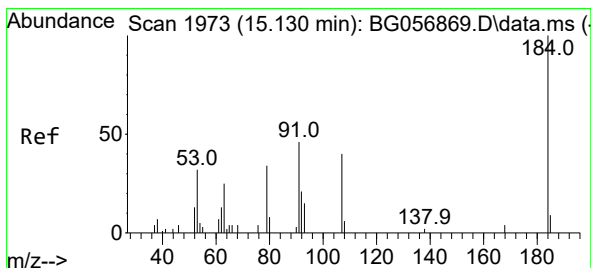
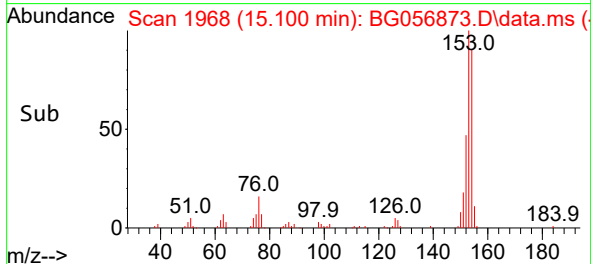
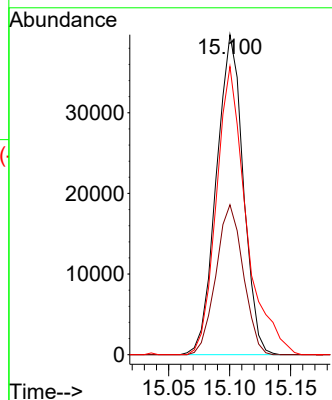
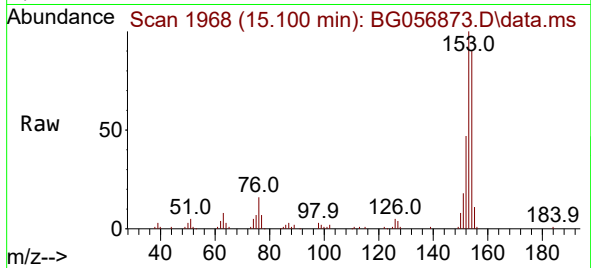




#52
Acenaphthene
Concen: 17.702 ng/ul
RT: 15.100 min Scan# 1968
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

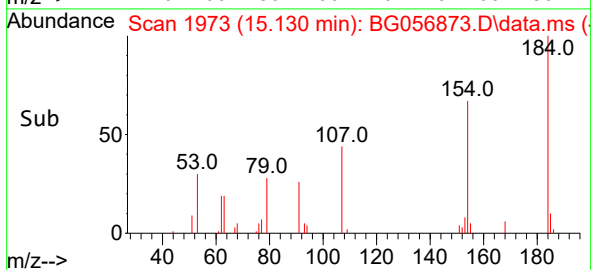
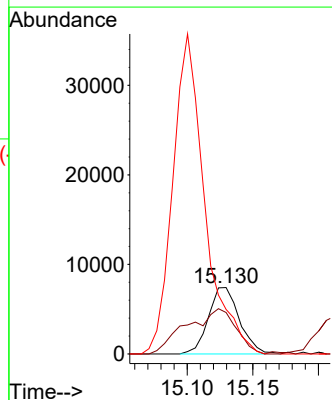
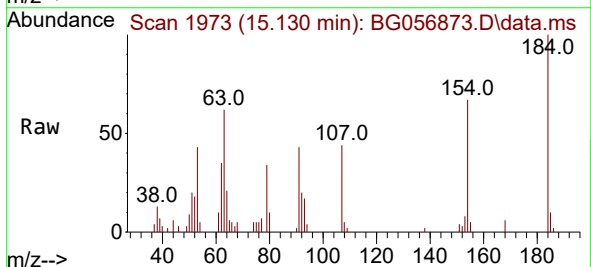
Instrument :
BNA_G
ClientSampleId :
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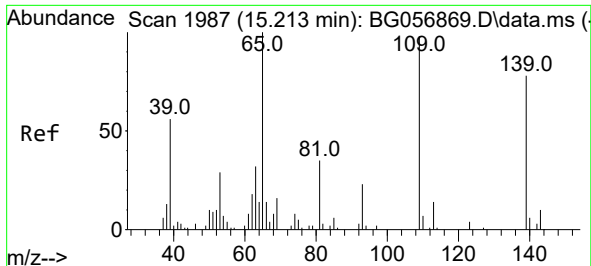
Tgt Ion:153 Resp: 60744
Ion Ratio Lower Upper
153 100
152 46.8 40.5 60.7
154 90.0 67.8 101.8



#53
2,4-Dinitrophenol
Concen: 18.510 ng/ul
RT: 15.130 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion:184 Resp: 12196
Ion Ratio Lower Upper
184 100
63 62.5 52.9 79.3
154 67.1 54.1 81.1

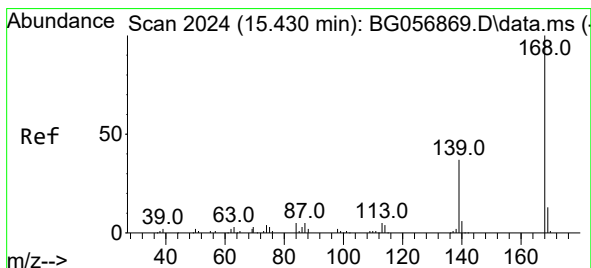
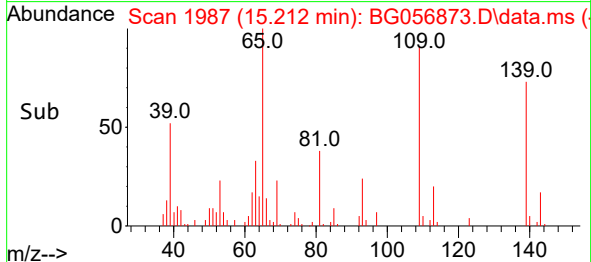
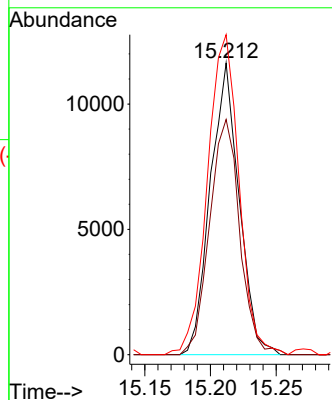
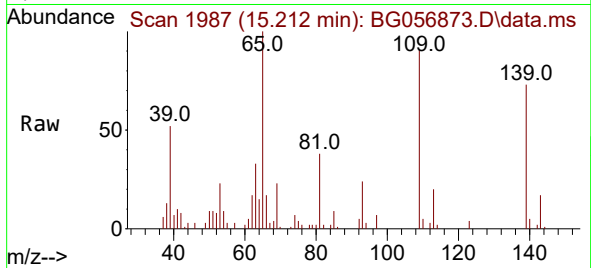




#55
4-Nitrophenol
Concen: 18.430 ng/ul
RT: 15.212 min Scan# 1987
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

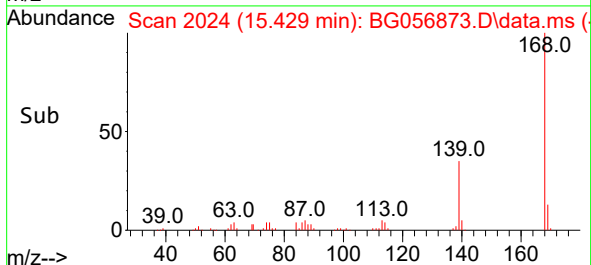
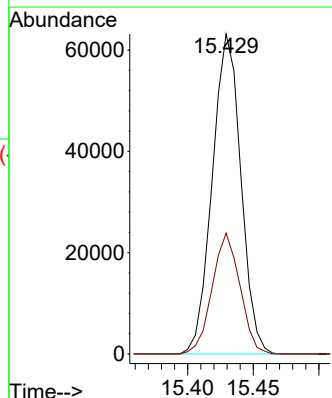
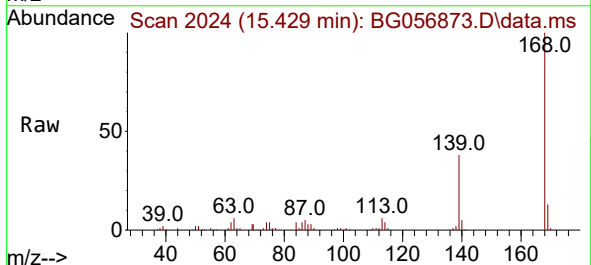
Instrument :
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ClientSampleId :
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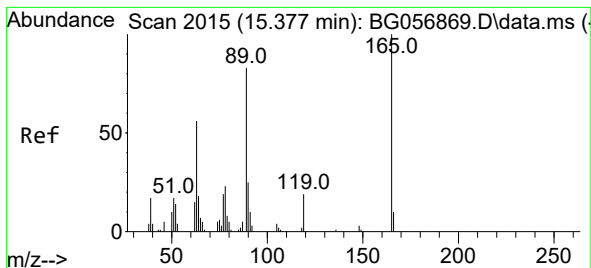
Tgt Ion:109 Resp: 17799
Ion Ratio Lower Upper
109 100
139 80.6 63.3 94.9
65 109.7 82.6 123.8



#56
Dibenzofuran
Concen: 18.233 ng/ul
RT: 15.429 min Scan# 2024
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion:168 Resp: 95642
Ion Ratio Lower Upper
168 100
139 37.7 29.5 44.3

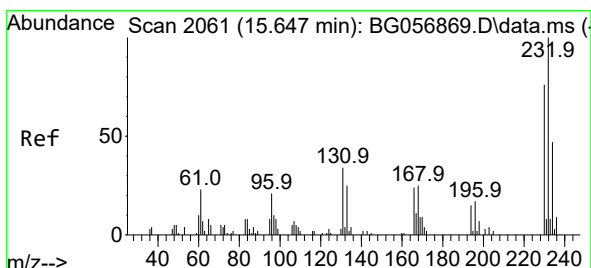
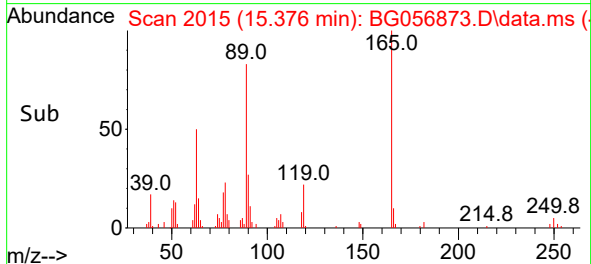
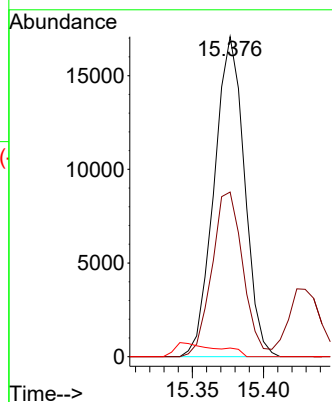
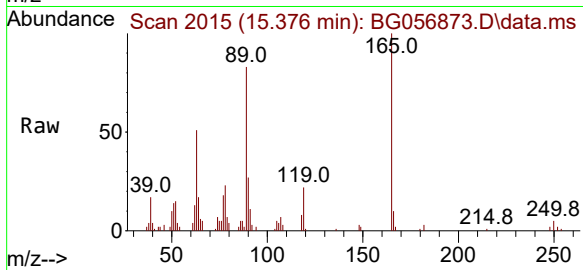




#57
2,4-Dinitrotoluene
Concen: 18.288 ng/ul
RT: 15.376 min Scan# 2015
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

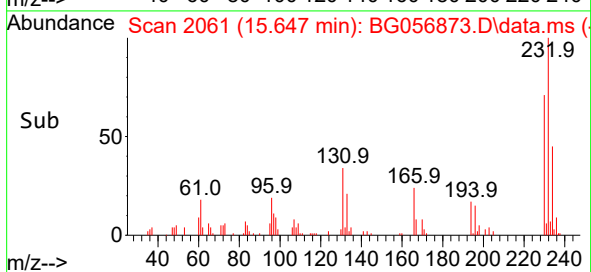
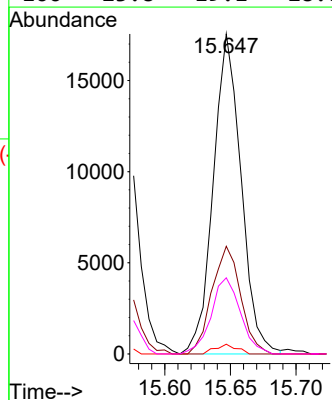
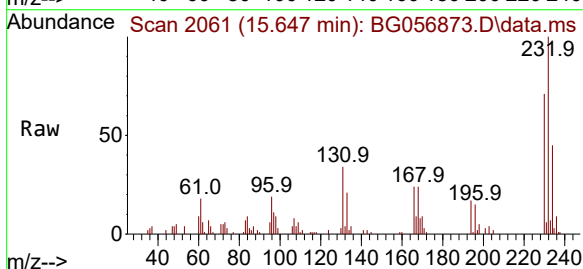
Instrument :
BNA_G
ClientSampleId :
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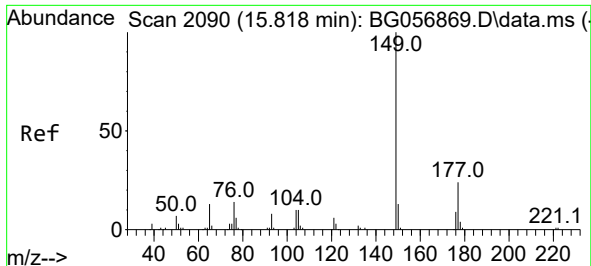
Tgt Ion:165 Resp: 25341
Ion Ratio Lower Upper
165 100
63 51.4 44.5 66.7
182 2.7 1.8 2.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 19.362 ng/ul
RT: 15.647 min Scan# 2061
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion:232 Resp: 25836
Ion Ratio Lower Upper
232 100
131 33.7 27.2 40.8
130 3.0 2.4 3.6
166 23.8 19.1 28.7

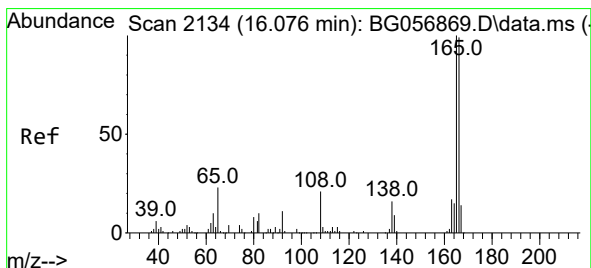
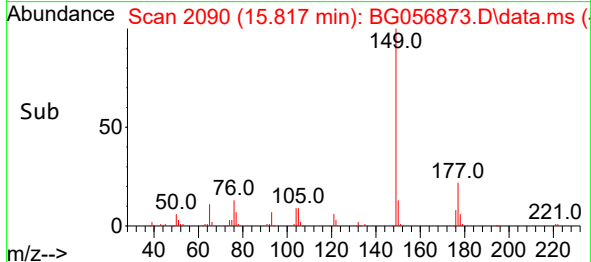
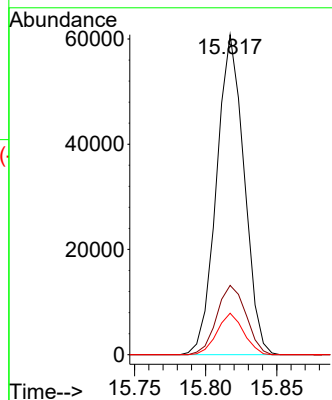
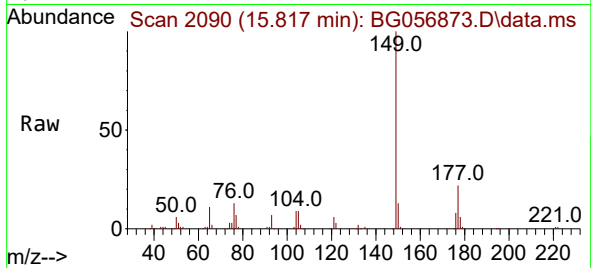




#59
Diethylphthalate
Concen: 18.158 ng/ul
RT: 15.817 min Scan# 2090
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

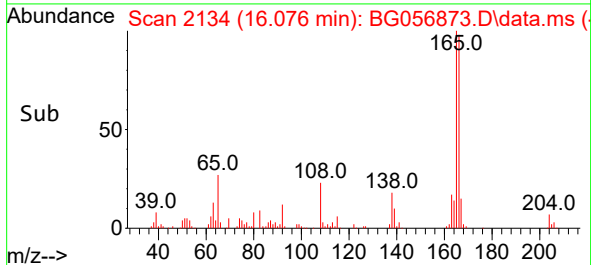
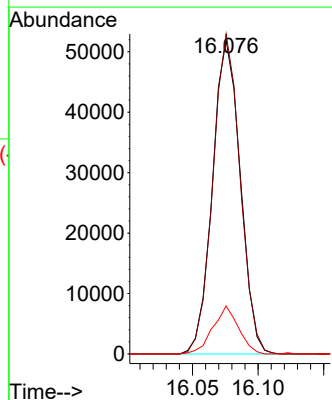
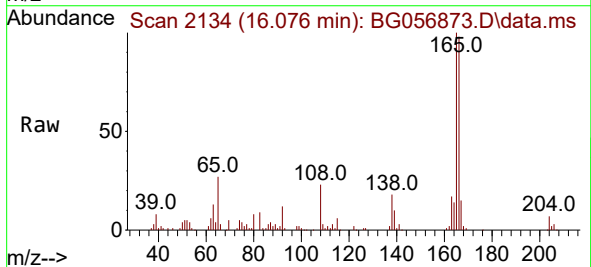
Instrument :
BNA_G
ClientSampleId :
SICV427

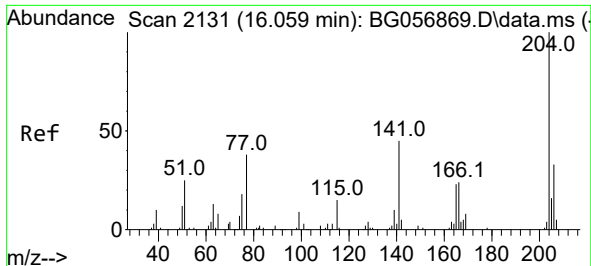
Tgt Ion:149 Resp: 82034
Ion Ratio Lower Upper
149 100
177 21.6 19.0 28.4
150 13.0 10.6 15.8



#61
Fluorene
Concen: 18.302 ng/ul
RT: 16.076 min Scan# 2134
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion:166 Resp: 76451
Ion Ratio Lower Upper
166 100
165 102.1 80.5 120.7
167 15.3 11.3 16.9





#62

4-Chlorophenyl-phenylether

Concen: 18.183 ng/ul

RT: 16.058 min Scan# 2131

Delta R.T. -0.001 min

Lab File: BG056873.D

Acq: 7 Mar 2023 16:00

Instrument :

BNA_G

ClientSampleId :

SICV427

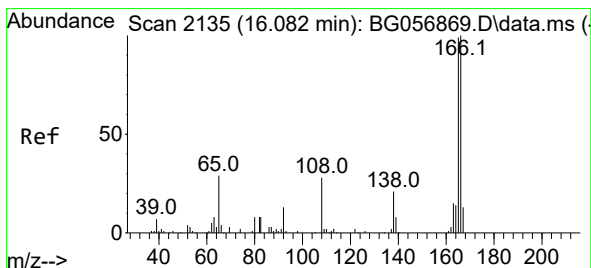
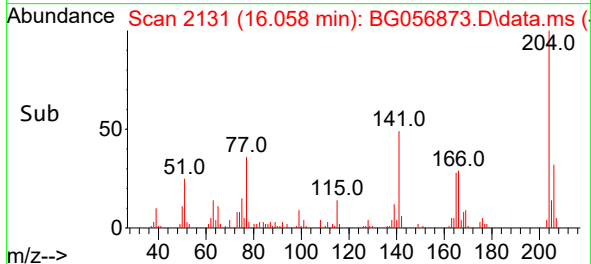
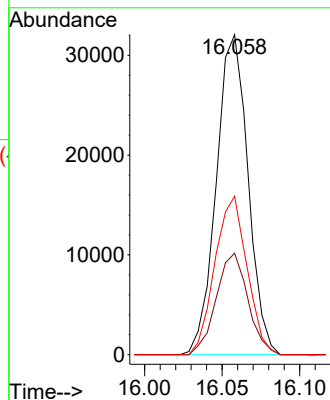
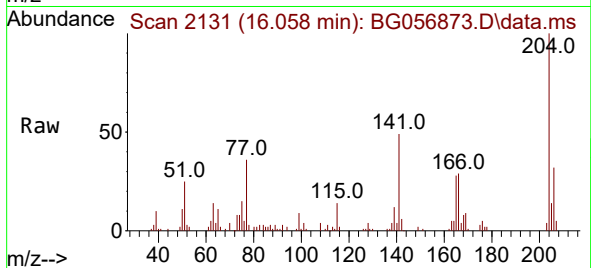
Tgt Ion:204 Resp: 45569

Ion Ratio Lower Upper

204 100

206 31.7 26.6 39.8

141 49.5 36.1 54.1



#63

4-Nitroaniline

Concen: 23.159 ng/ul

RT: 16.082 min Scan# 2135

Delta R.T. -0.001 min

Lab File: BG056873.D

Acq: 7 Mar 2023 16:00

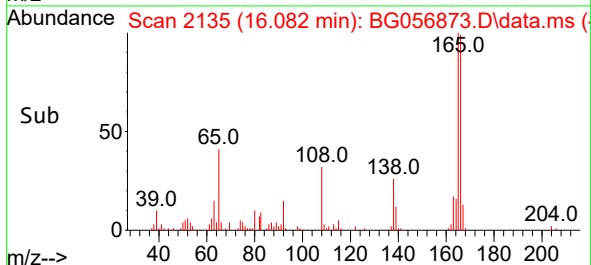
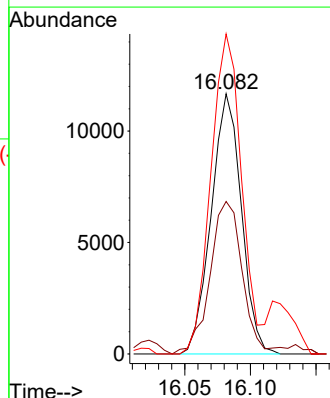
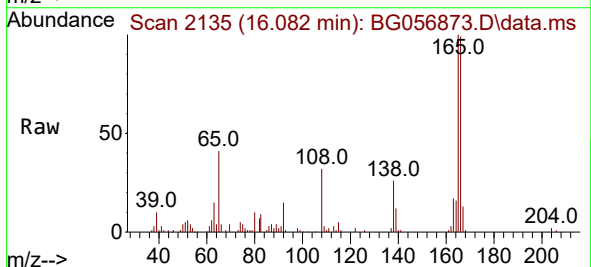
Tgt Ion:138 Resp: 18632

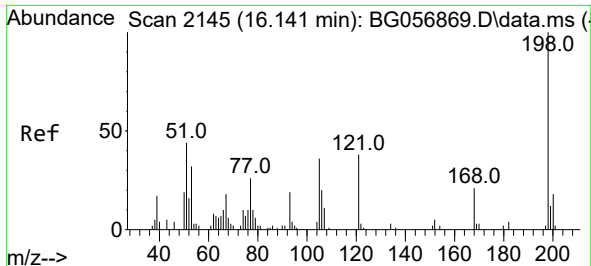
Ion Ratio Lower Upper

138 100

92 58.6 47.3 70.9

108 123.0 104.6 157.0

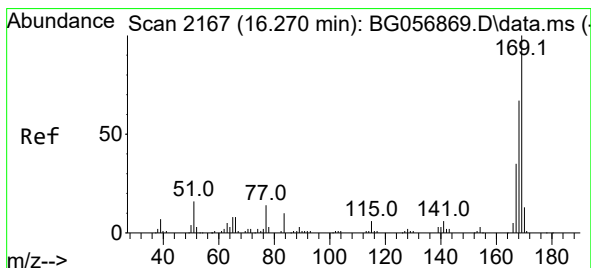
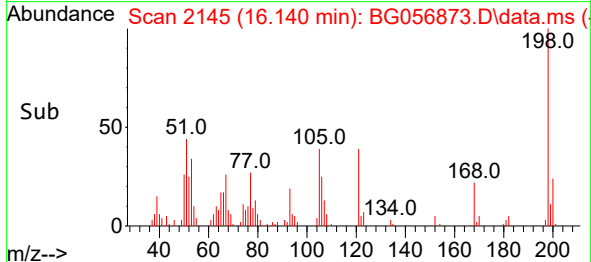
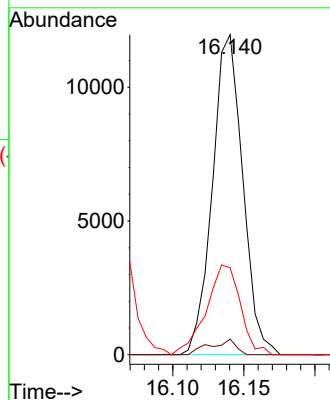
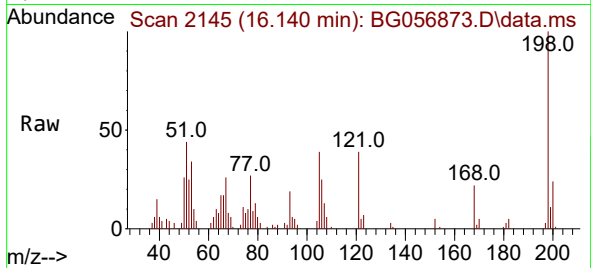




#66
 4,6-Dinitro-2-methylphenol
 Concen: 18.142 ng/ul
 RT: 16.140 min Scan# 2145
 Delta R.T. -0.001 min
 Lab File: BG056873.D
 Acq: 7 Mar 2023 16:00

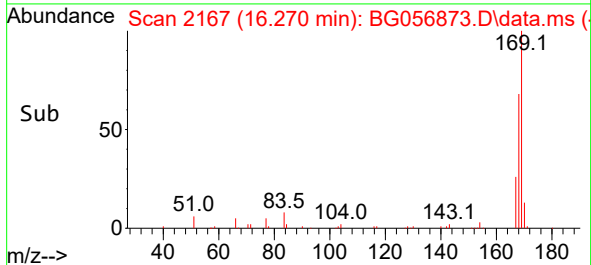
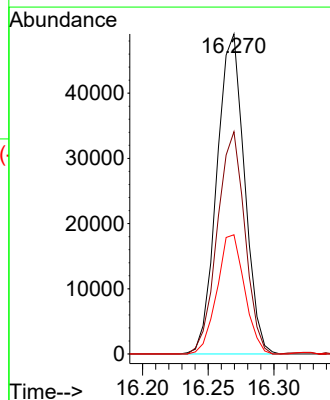
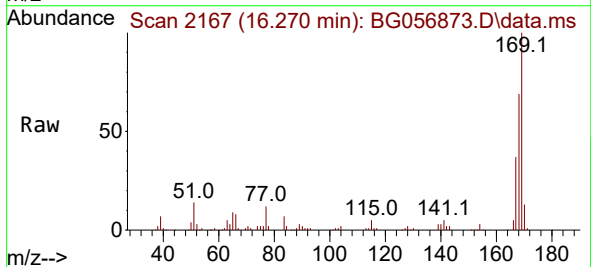
Instrument :
 BNA_G
 ClientSampleId :
 SICV427

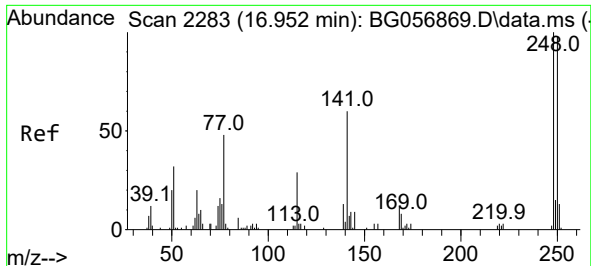
Tgt Ion:198 Resp: 17738
 Ion Ratio Lower Upper
 198 100
 182 4.9 3.1 4.7#
 77 27.2 20.5 30.7



#67
 N-Nitrosodiphenylamine
 Concen: 18.912 ng/ul
 RT: 16.270 min Scan# 2167
 Delta R.T. -0.001 min
 Lab File: BG056873.D
 Acq: 7 Mar 2023 16:00

Tgt Ion:169 Resp: 71793
 Ion Ratio Lower Upper
 169 100
 168 69.5 53.9 80.9
 167 37.2 28.2 42.4

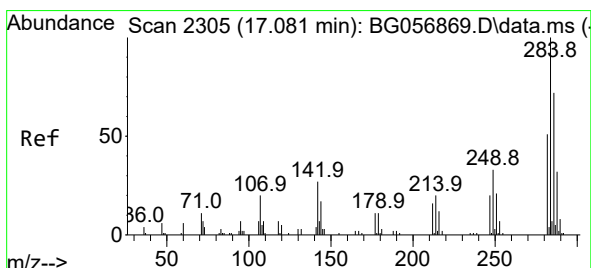
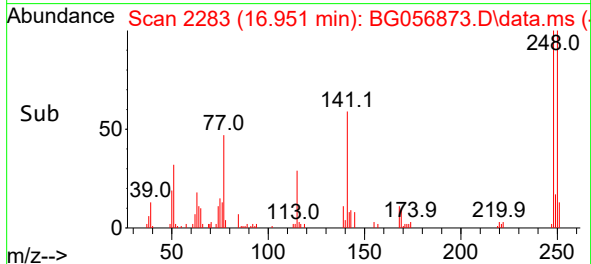
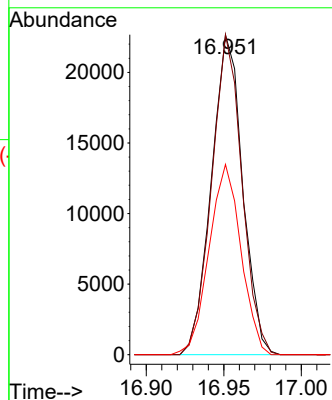
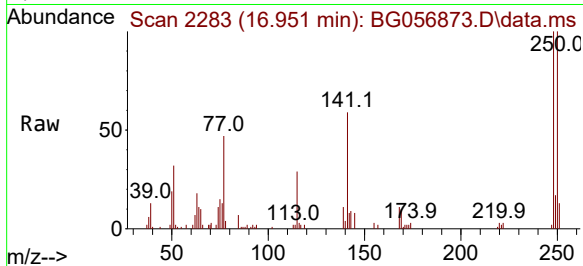




#68
4-Bromophenyl-phenylether
Concen: 18.070 ng/ul
RT: 16.951 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

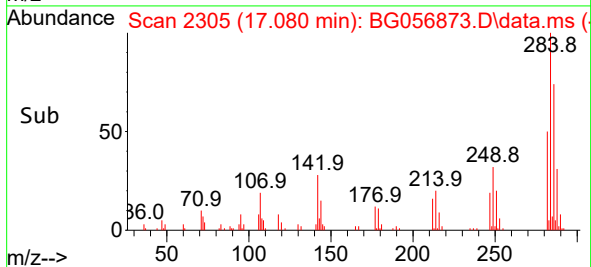
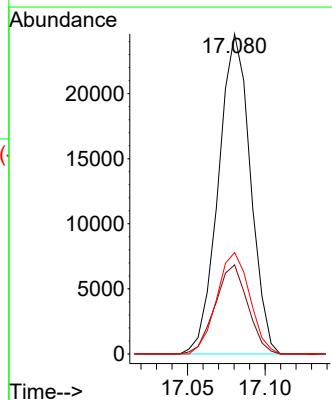
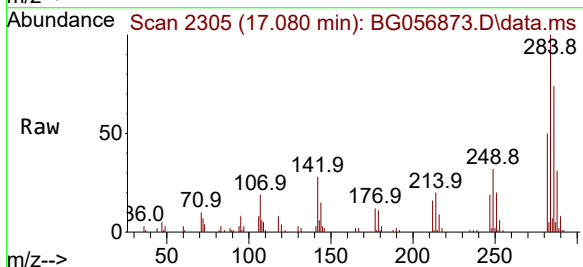
Instrument :
BNA_G
ClientSampleId :
SICV427

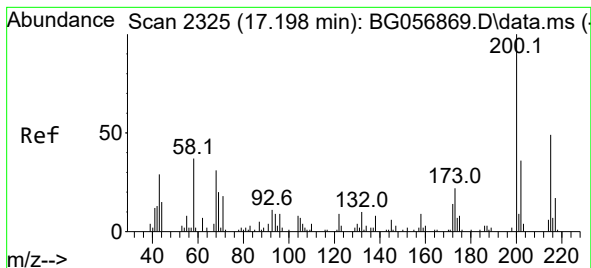
Tgt Ion:248 Resp: 31683
Ion Ratio Lower Upper
248 100
250 100.1 78.6 117.8
141 59.5 47.9 71.9



#69
Hexachlorobenzene
Concen: 18.537 ng/ul
RT: 17.080 min Scan# 2305
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion:284 Resp: 35258
Ion Ratio Lower Upper
284 100
142 27.9 20.2 30.4
249 31.7 24.2 36.4





#70

Atrazine

Concen: 19.416 ng/ul

RT: 17.198 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG056873.D

Acq: 7 Mar 2023 16:00

Instrument :

BNA_G

ClientSampleId :

SICV427

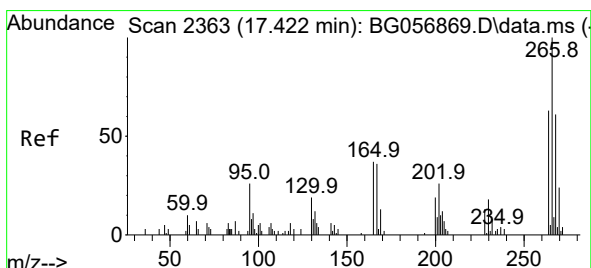
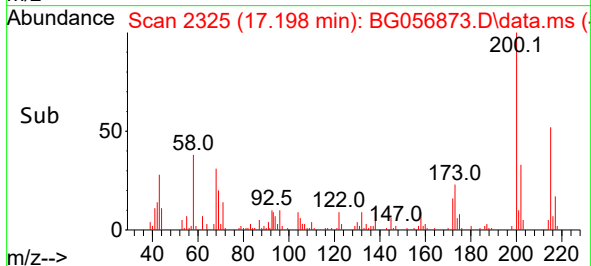
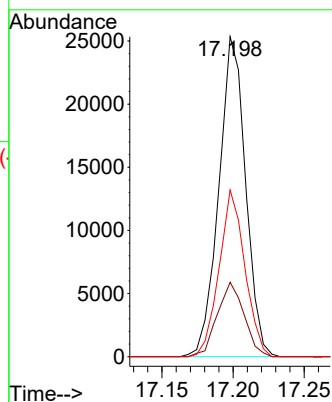
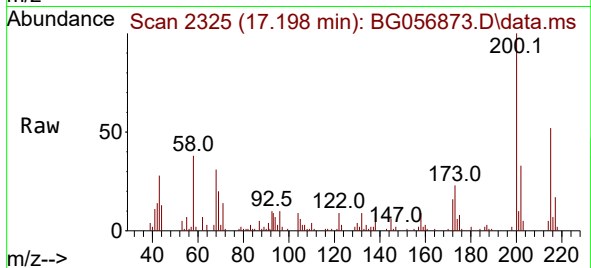
Tgt Ion:200 Resp: 33140

Ion Ratio Lower Upper

200 100

173 23.3 17.5 26.3

215 52.1 39.6 59.4



#71

Pentachlorophenol

Concen: 18.021 ng/ul

RT: 17.421 min Scan# 2363

Delta R.T. -0.001 min

Lab File: BG056873.D

Acq: 7 Mar 2023 16:00

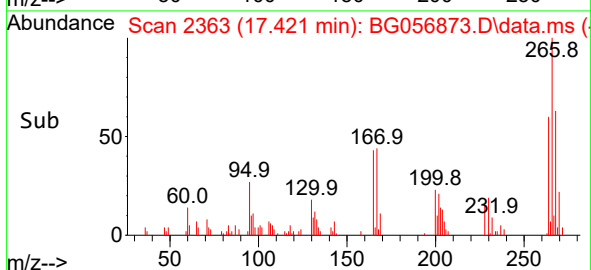
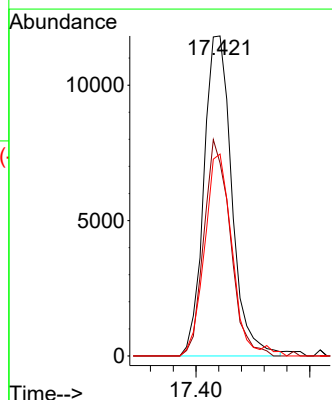
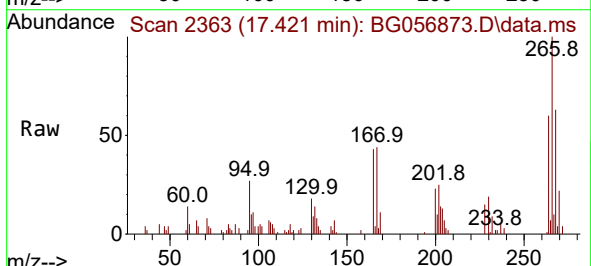
Tgt Ion:266 Resp: 20204

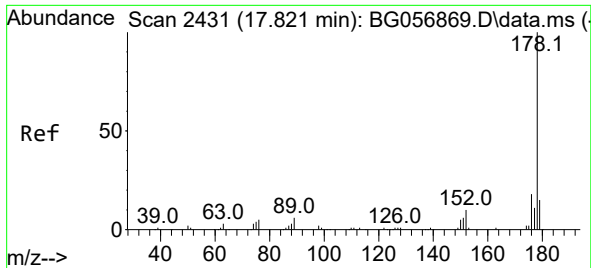
Ion Ratio Lower Upper

266 100

264 60.3 50.6 76.0

268 63.1 48.6 73.0

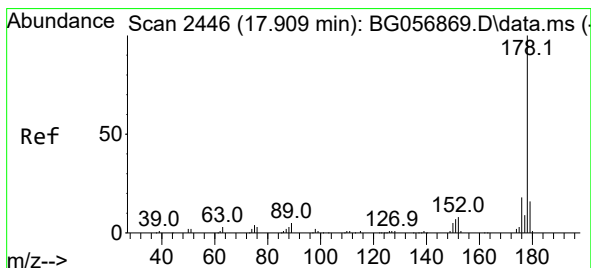
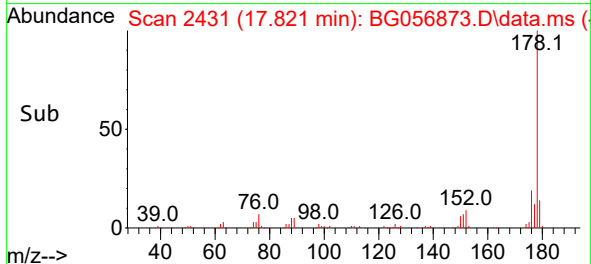
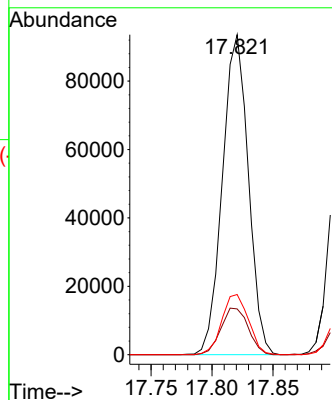
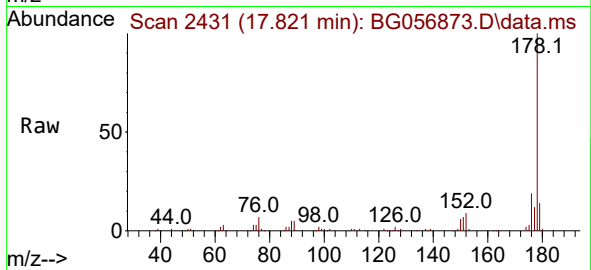




#72
Phenanthrene
Concen: 18.201 ng/ul
RT: 17.821 min Scan# 2431
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

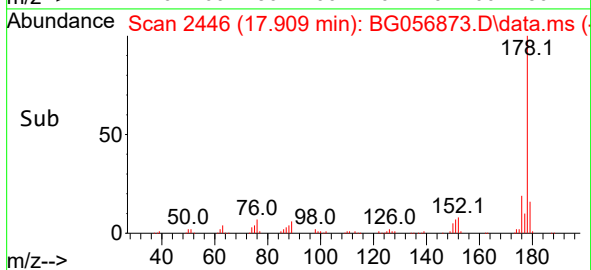
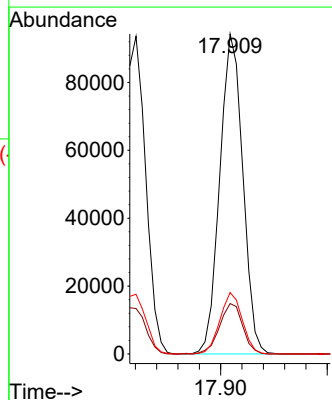
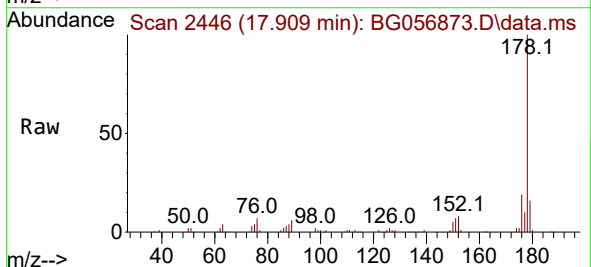
Instrument :
BNA_G
ClientSampleId :
SICV427

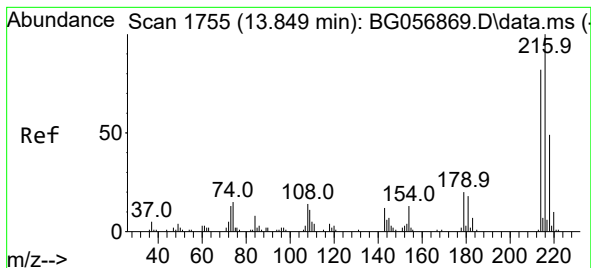
Tgt Ion:178 Resp: 138467
Ion Ratio Lower Upper
178 100
179 14.3 11.9 17.9
176 18.8 14.6 22.0



#74
Anthracene
Concen: 18.223 ng/ul
RT: 17.909 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion:178 Resp: 141228
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.2 14.2 21.2

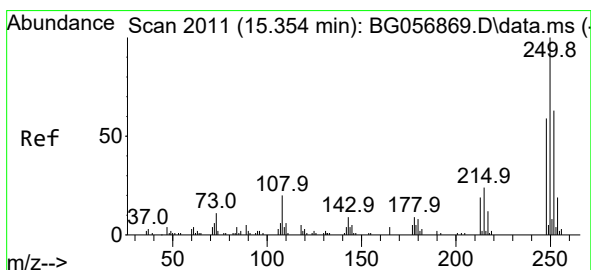
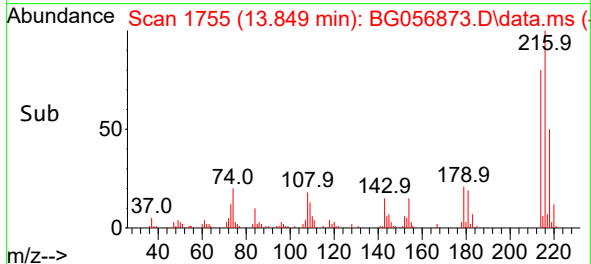
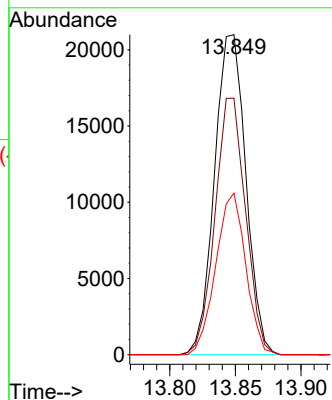
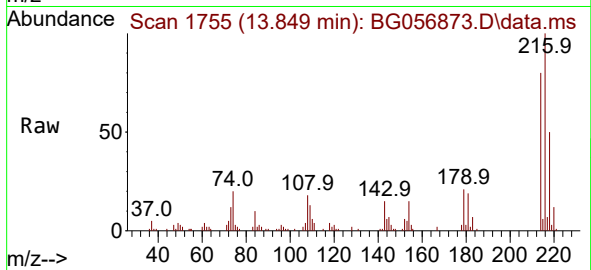




#75
1,2,3,4-Tetrachlorobenzene
Concen: 17.256 ng/uL
RT: 13.849 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

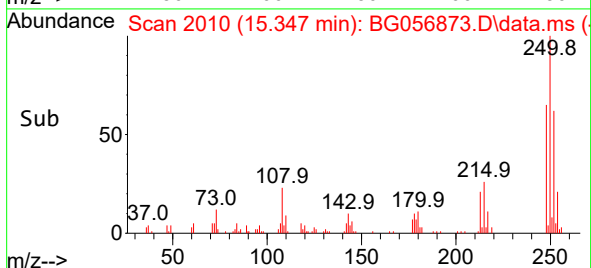
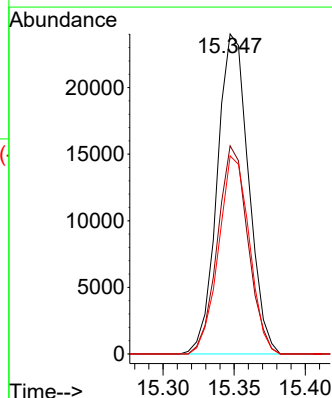
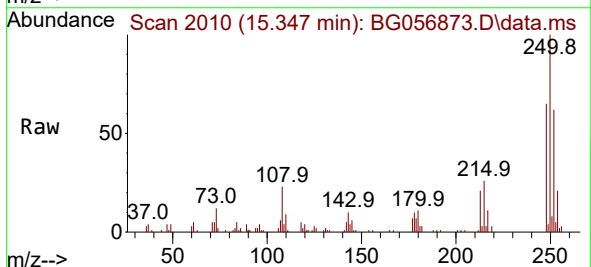
Instrument :
BNA_G
ClientSampleId :
SICV427

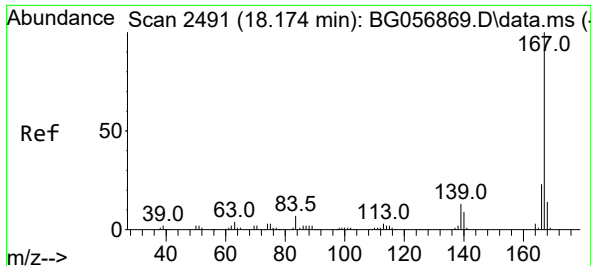
Tgt Ion:216 Resp: 34961
Ion Ratio Lower Upper
216 100
214 80.1 65.4 98.0
218 50.5 39.4 59.2



#76
Pentachlorobenzene
Concen: 17.410 ng/uL
RT: 15.347 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion:250 Resp: 36826
Ion Ratio Lower Upper
250 100
248 65.0 46.8 70.2
252 61.9 50.6 75.8

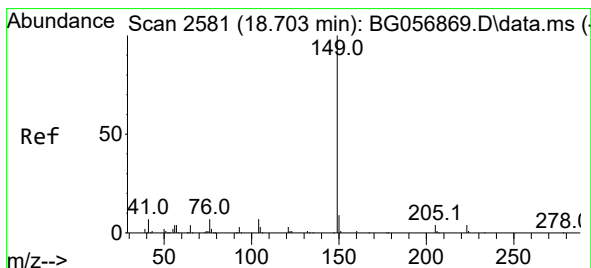
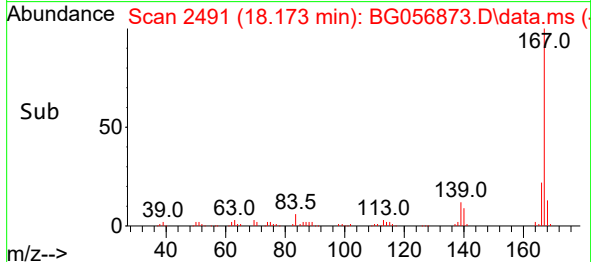
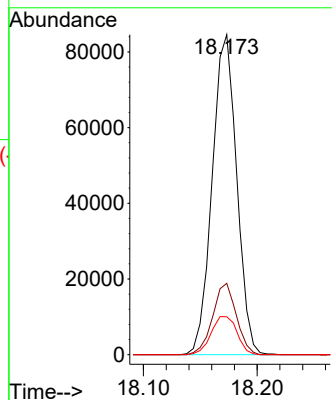
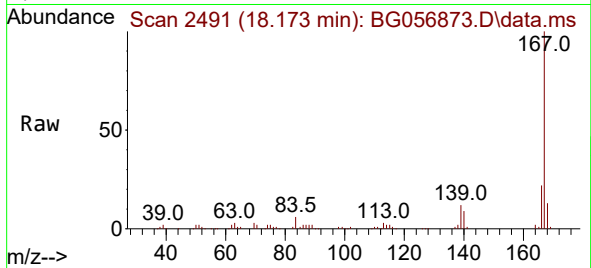




#77
 Carbazole
 Concen: 19.262 ng/ul
 RT: 18.173 min Scan# 2491
 Delta R.T. -0.001 min
 Lab File: BG056873.D
 Acq: 7 Mar 2023 16:00

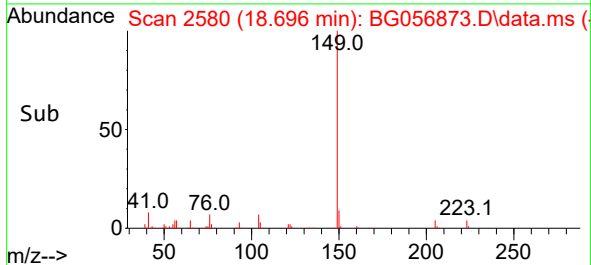
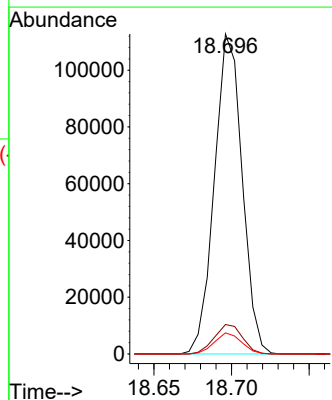
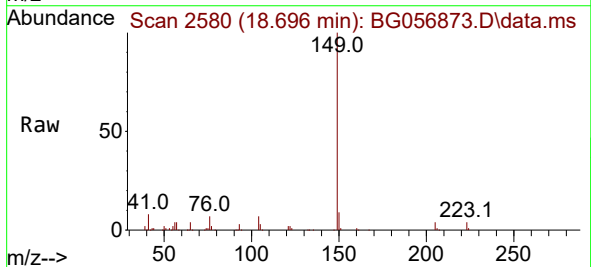
Instrument :
 BNA_G
 ClientSampleId :
 SICV427

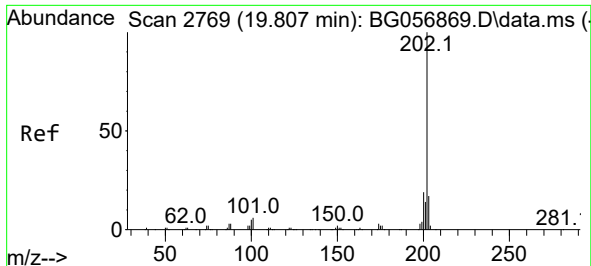
Tgt Ion:167 Resp: 126684
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 11.9 10.2 15.2



#78
 Di-n-butylphthalate
 Concen: 18.433 ng/ul
 RT: 18.696 min Scan# 2580
 Delta R.T. -0.006 min
 Lab File: BG056873.D
 Acq: 7 Mar 2023 16:00

Tgt Ion:149 Resp: 140224
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 6.6 5.4 8.2

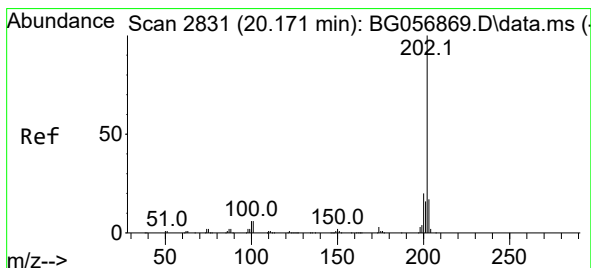
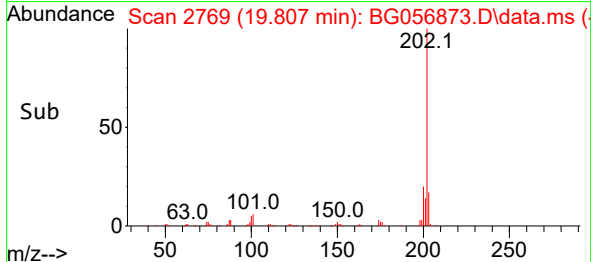
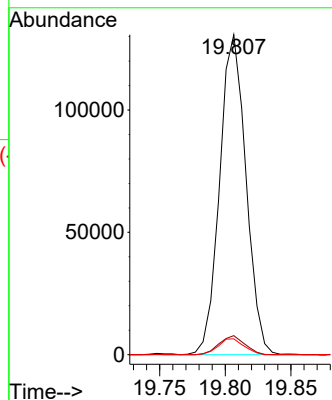
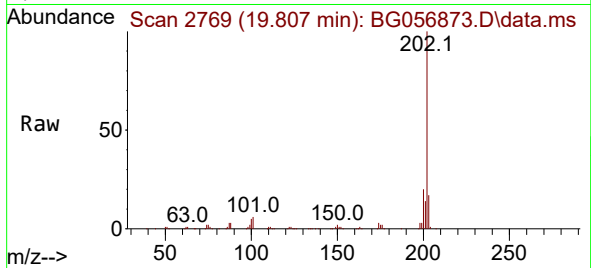




#80
Fluoranthene
Concen: 18.847 ng/ul
RT: 19.807 min Scan# 2769
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

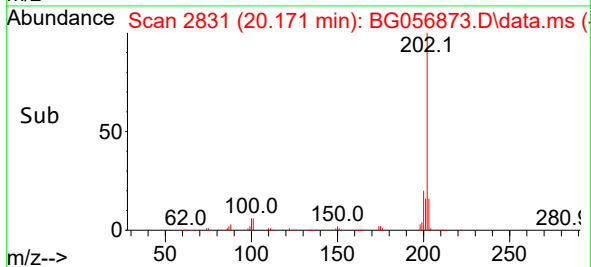
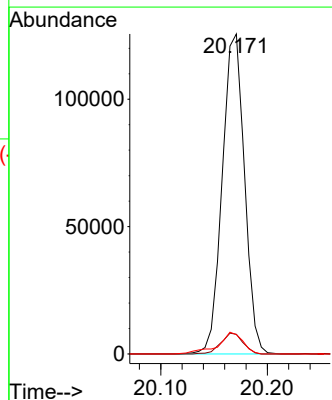
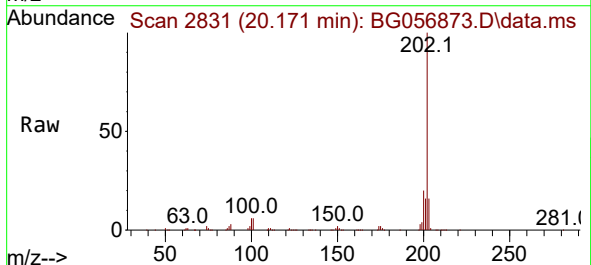
Instrument :
BNA_G
ClientSampleId :
SICV427

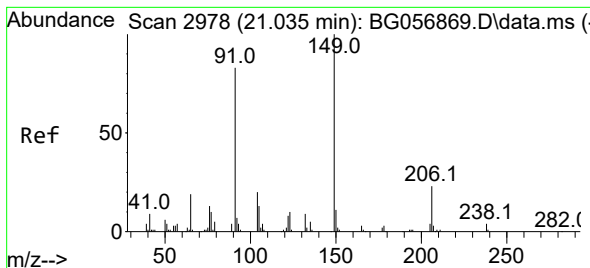
Tgt Ion:202 Resp: 182345
Ion Ratio Lower Upper
202 100
101 5.9 5.0 7.6
100 4.9 3.6 5.4



#82
Pyrene
Concen: 18.775 ng/ul
RT: 20.171 min Scan# 2831
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion:202 Resp: 181889
Ion Ratio Lower Upper
202 100
101 6.1 5.2 7.8
100 6.0 4.5 6.7





#83

Butylbenzylphthalate

Concen: 18.945 ng/ul

RT: 21.029 min Scan# 2977

Delta R.T. -0.006 min

Lab File: BG056873.D

Acq: 7 Mar 2023 16:00

Instrument :

BNA_G

ClientSampleId :

SICV427

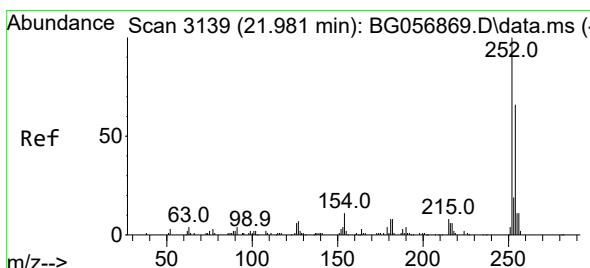
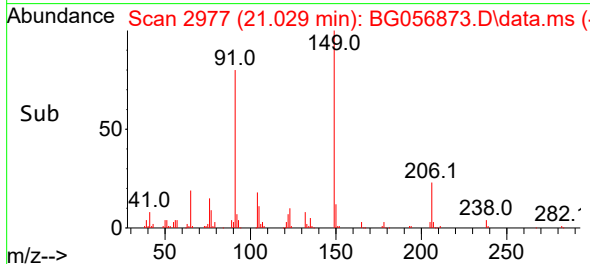
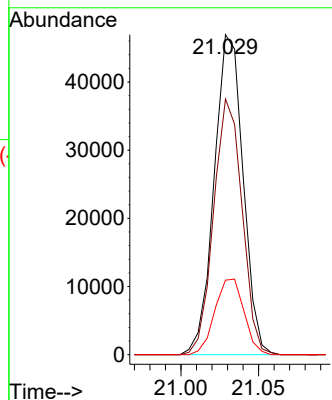
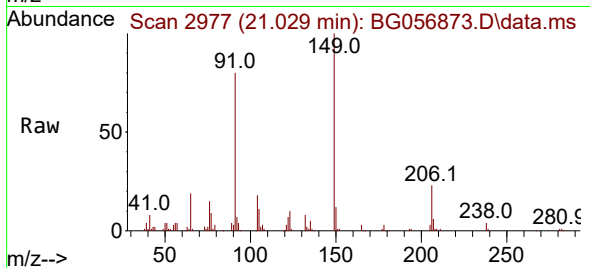
Tgt Ion:149 Resp: 60872

Ion Ratio Lower Upper

149 100

91 79.9 66.2 99.2

206 23.3 18.8 28.2



#84

3,3'-Dichlorobenzidine

Concen: 22.545 ng/ul

RT: 21.980 min Scan# 3139

Delta R.T. -0.001 min

Lab File: BG056873.D

Acq: 7 Mar 2023 16:00

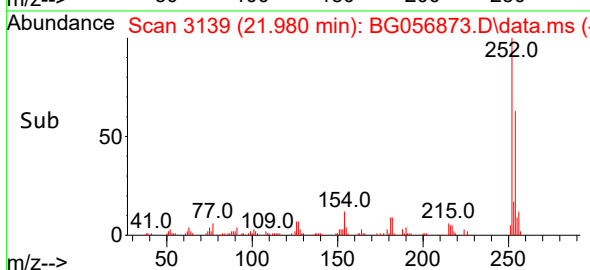
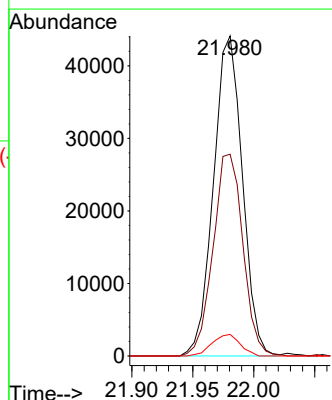
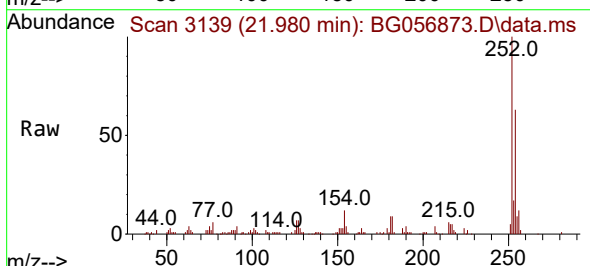
Tgt Ion:252 Resp: 72774

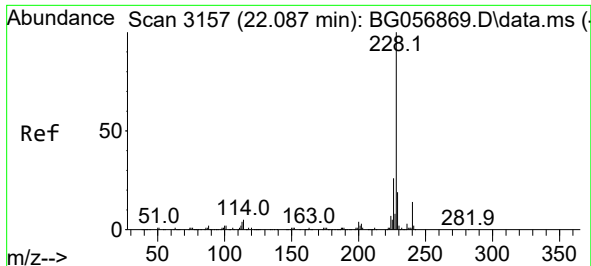
Ion Ratio Lower Upper

252 100

254 63.1 52.6 79.0

126 6.8 4.6 7.0

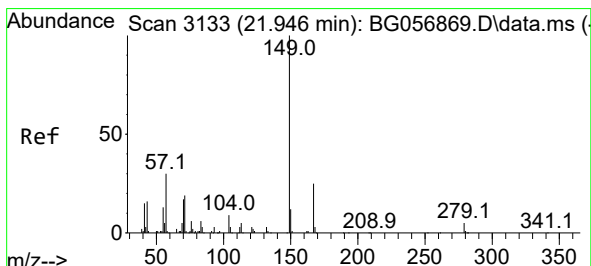
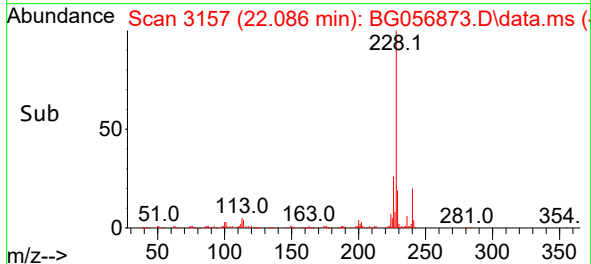
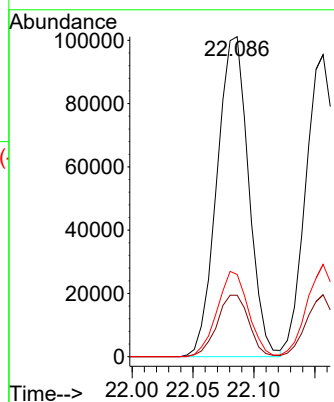
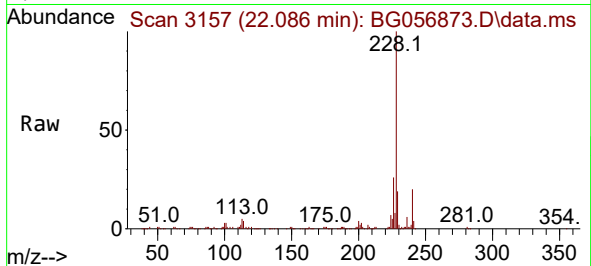




#85
Benzo(a)anthracene
Concen: 18.793 ng/ul
RT: 22.086 min Scan# 3157
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

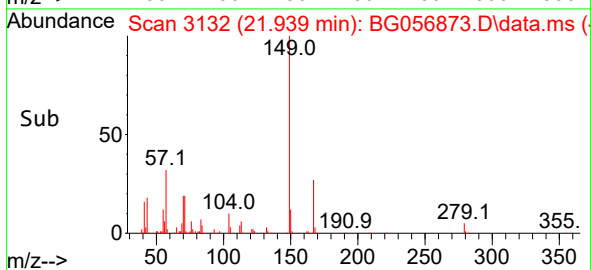
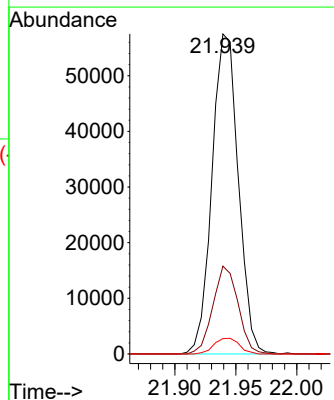
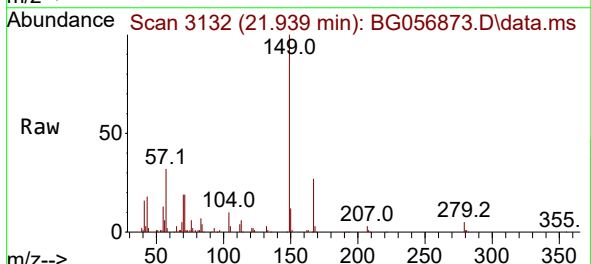
Instrument :
BNA_G
ClientSampleId :
SICV427

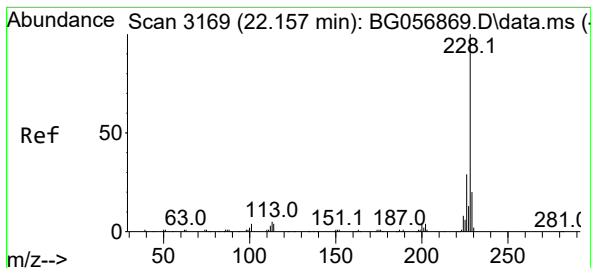
Tgt Ion:228 Resp: 183073
Ion Ratio Lower Upper
228 100
229 19.2 14.9 22.3
226 25.7 21.0 31.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 18.796 ng/ul
RT: 21.939 min Scan# 3132
Delta R.T. -0.006 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion:149 Resp: 86303
Ion Ratio Lower Upper
149 100
167 27.4 20.3 30.5
279 4.8 4.0 6.0





#87

Chrysene

Concen: 18.648 ng/ul

RT: 22.157 min Scan# 3169

Delta R.T. -0.001 min

Lab File: BG056873.D

Acq: 7 Mar 2023 16:00

Instrument :

BNA_G

ClientSampleId :

SICV427

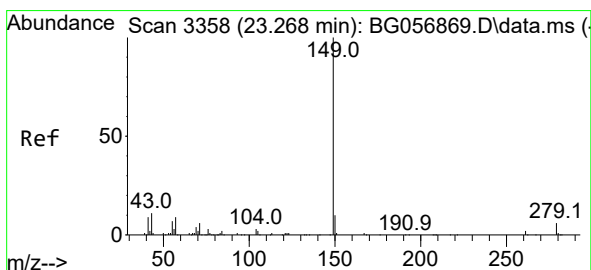
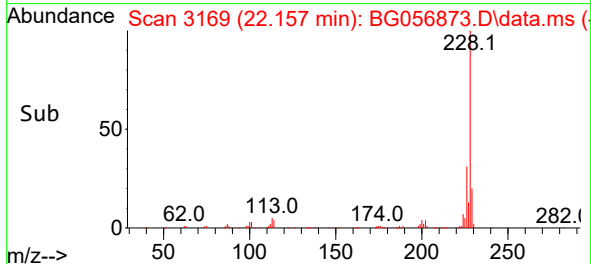
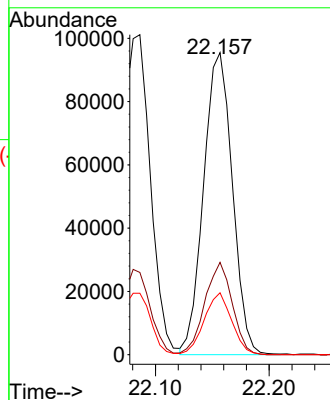
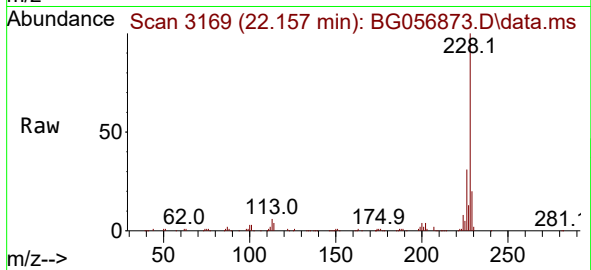
Tgt Ion:228 Resp: 168338

Ion Ratio Lower Upper

228 100

226 30.6 23.3 34.9

229 20.5 15.8 23.6



#89

Di-n-octyl phthalate

Concen: 18.441 ng/ul

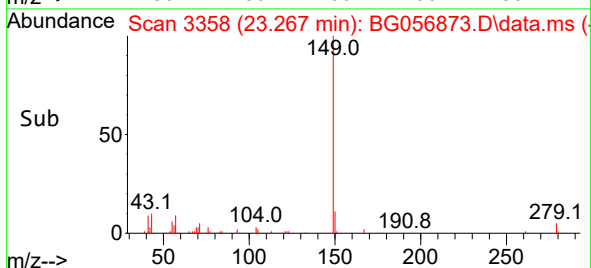
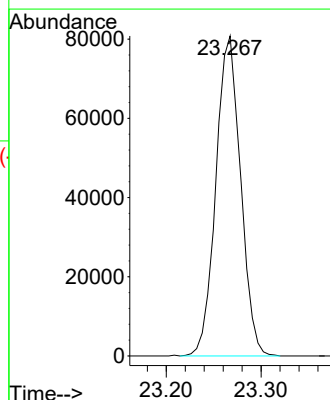
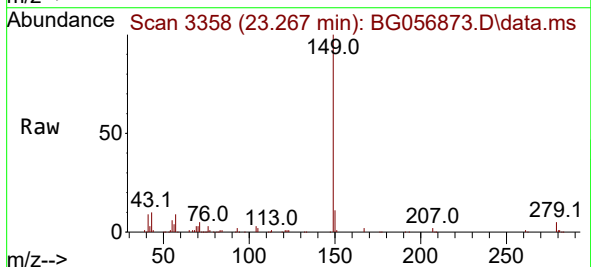
RT: 23.267 min Scan# 3358

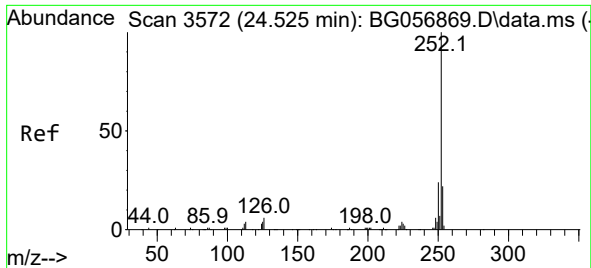
Delta R.T. -0.001 min

Lab File: BG056873.D

Acq: 7 Mar 2023 16:00

Tgt Ion:149 Resp: 146324

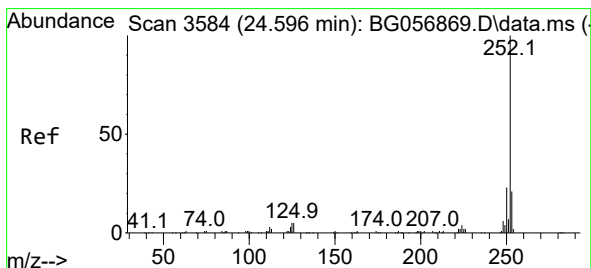
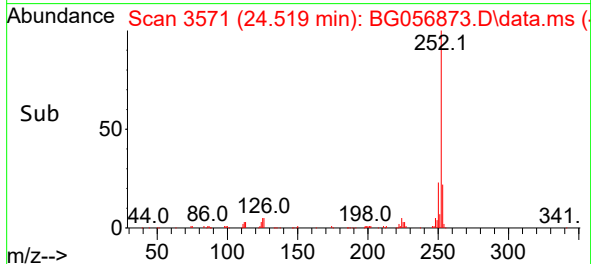
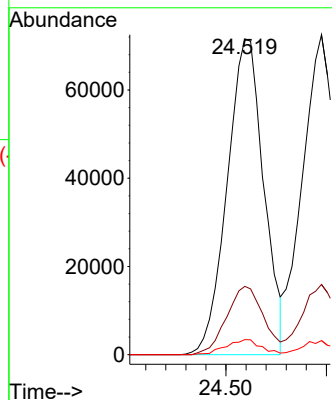
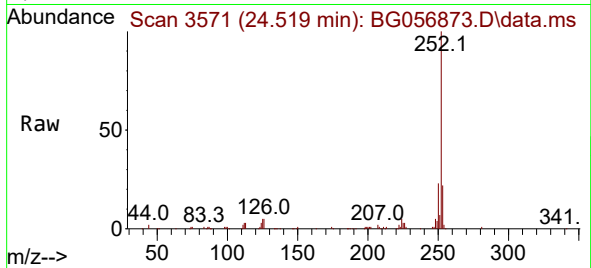




#90
Benzo(b)fluoranthene
Concen: 18.161 ng/ul
RT: 24.519 min Scan# 3571
Delta R.T. -0.006 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

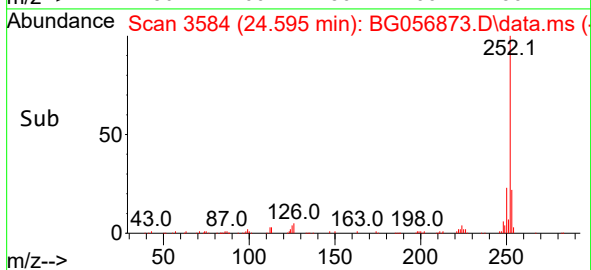
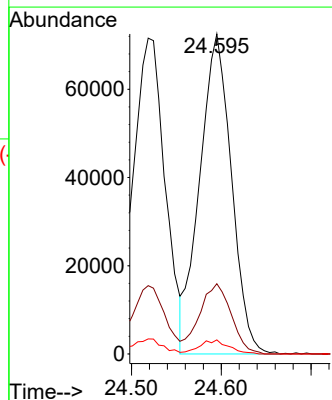
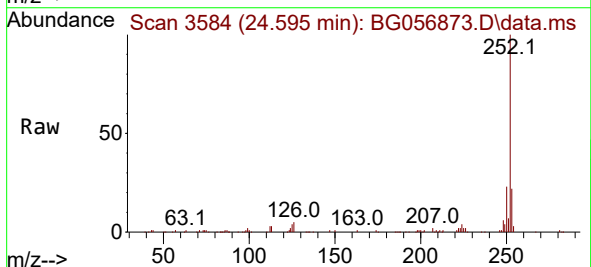
Instrument :
BNA_G
ClientSampleId :
SICV427

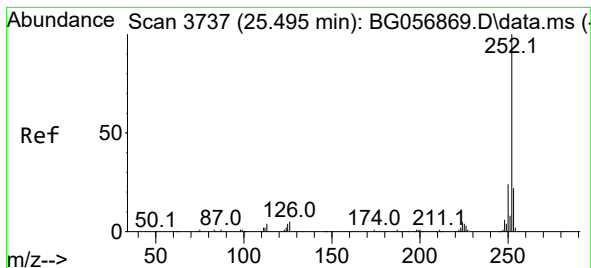
Tgt Ion:252 Resp: 180868
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 4.8 3.6 5.4



#91
Benzo(k)fluoranthene
Concen: 18.603 ng/ul
RT: 24.595 min Scan# 3584
Delta R.T. -0.001 min
Lab File: BG056873.D
Acq: 7 Mar 2023 16:00

Tgt Ion:252 Resp: 177986
Ion Ratio Lower Upper
252 100
253 22.0 16.6 24.8
125 4.4 3.5 5.3





#93

Benzo(a)pyrene

Concen: 18.505 ng/ul

RT: 25.488 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG056873.D

Acq: 7 Mar 2023 16:00

Instrument :

BNA_G

ClientSampleId :

SICV427

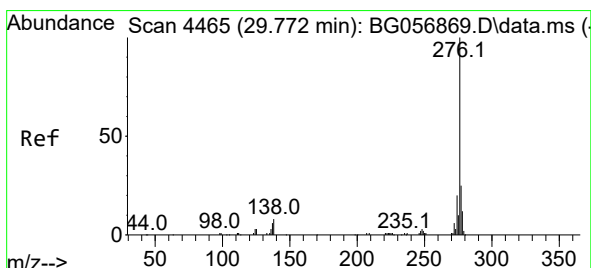
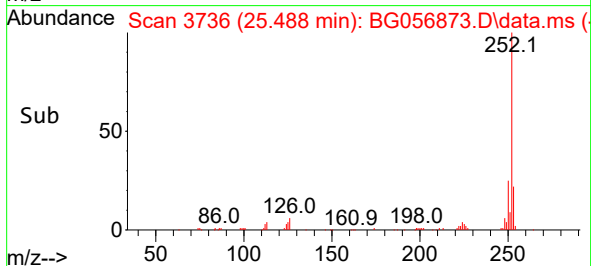
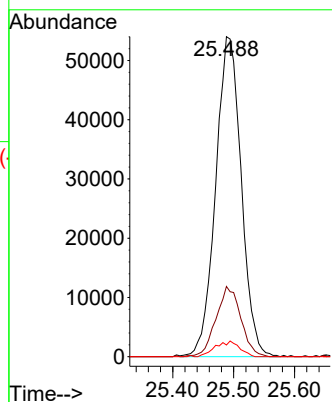
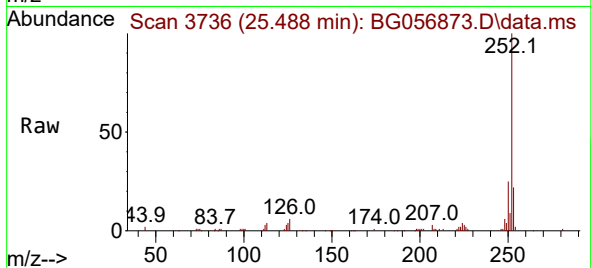
Tgt Ion:252 Resp: 157463

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 3.6 3.4 5.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.087 ng/ul

RT: 29.760 min Scan# 4463

Delta R.T. -0.012 min

Lab File: BG056873.D

Acq: 7 Mar 2023 16:00

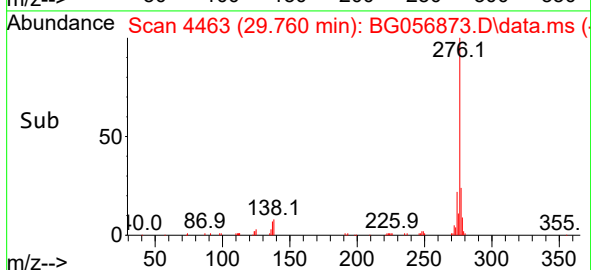
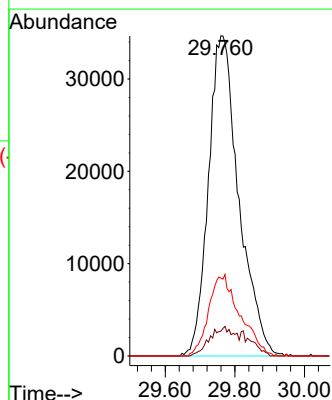
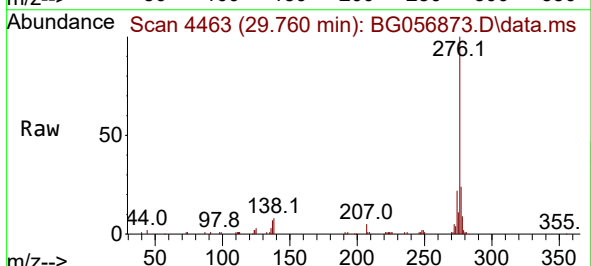
Tgt Ion:276 Resp: 210322

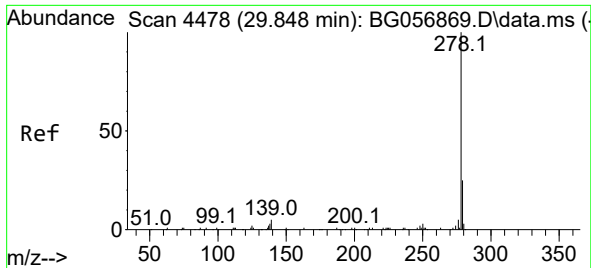
Ion Ratio Lower Upper

276 100

138 7.7 6.4 9.6

277 24.3 19.8 29.8

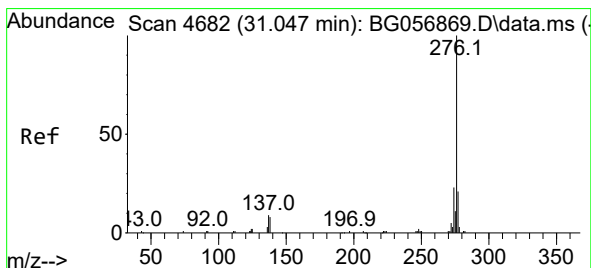
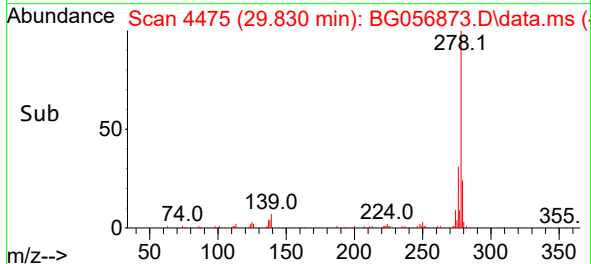
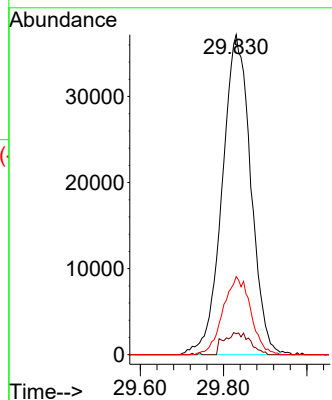
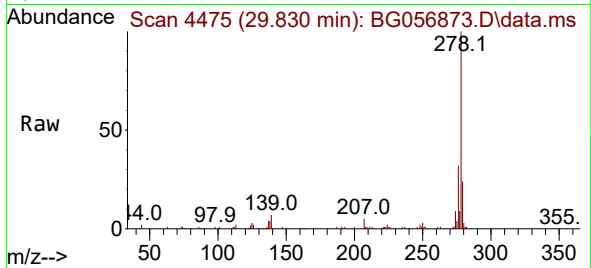




#95
 Dibenzo(a,h)anthracene
 Concen: 18.426 ng/ul
 RT: 29.830 min Scan# 4475
 Delta R.T. -0.018 min
 Lab File: BG056873.D
 Acq: 7 Mar 2023 16:00

Instrument :
 BNA_G
 ClientSampleId :
 SICV427

Tgt Ion:278 Resp: 176817
 Ion Ratio Lower Upper
 278 100
 139 6.6 3.8 5.8#
 279 24.4 20.0 30.0



#96
 Benzo(g,h,i)perylene
 Concen: 17.997 ng/ul
 RT: 31.052 min Scan# 4683
 Delta R.T. 0.005 min
 Lab File: BG056873.D
 Acq: 7 Mar 2023 16:00

Tgt Ion:276 Resp: 167805
 Ion Ratio Lower Upper
 276 100
 138 10.9 6.1 9.1#
 277 25.5 16.5 24.7#

