

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091423\
 Data File : BG059066.D
 Acq On : 14 Sep 2023 16:07
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV420

Quant Time: Sep 15 05:45:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 15 05:41:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.302	152	66529	20.000	ng/ul	0.00
20) Naphthalene-d8	11.146	136	305991	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.930	164	232633	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.679	188	661842	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.004	240	660807	20.000	ng/ul	0.00
88) Perylene-d12	25.558	264	757490	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.614	96	10677	6.671	ng/uL	0.00
4) Pyridine-d5	4.037	84	99124	21.207	ng/ul	0.00
7) Phenol-d5	7.409	99	131201	19.037	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.621	67	71601	18.228	ng/ul	0.00
11) 2-Chlorophenol-d4	7.815	132	84536	18.468	ng/ul	0.00
15) 4-Methylphenol-d8	8.984	113	106934	19.098	ng/ul	0.00
21) Nitrobenzene-d5	9.501	128	45880	19.678	ng/ul	0.00
24) 2-Nitrophenol-d4	10.218	143	52984	18.695	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.741	165	108043	19.718	ng/ul	0.00
31) 4-Chloroaniline-d4	11.287	131	143367	19.455	ng/ul	0.00
46) Dimethylphthalate-d6	14.325	166	380942	19.980	ng/ul	0.00
49) Acenaphthylene-d8	14.636	160	420362	20.474	ng/ul	0.00
54) 4-Nitrophenol-d4	15.100	143	74874	22.702	ng/ul	0.00
60) Fluorene-d10	15.917	176	355631	20.514	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.023	200	80256	20.309	ng/ul	0.00
73) Anthracene-d10	17.779	188	608305	20.308	ng/ul	0.00
81) Pyrene-d10	20.053	212	733986	20.021	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.306	264	752878	19.984	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.643	88	13768	6.607	ng/uL#	74
5) Pyridine	4.060	79	99158	20.295	ng/ul	90
6) Benzaldehyde	7.444	77	85065	21.997	ng/ul	88
8) Phenol	7.439	94	136812	18.363	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.709	93	91849	17.826	ng/ul	88
12) 2-Chlorophenol	7.844	128	86724	18.815	ng/ul	94
13) 2-Methylphenol	8.713	108	103347	17.942	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.802	45	112883	18.487	ng/ul#	87
16) Acetophenone	9.142	105	171028	18.252	ng/ul#	96
17) N-Nitroso-di-n-propyla...	9.107	70	91154	17.958	ng/ul	98
18) 4-Methylphenol	9.048	108	114634	18.036	ng/ul	99
19) Hexachloroethane	9.383	117	38060	19.092	ng/ul	91
22) Nitrobenzene	9.542	77	133126	19.355	ng/ul	97
23) Isophorone	10.047	82	281195	18.709	ng/ul	99
25) 2-Nitrophenol	10.247	139	54224	19.418	ng/ul#	92
26) 2,4-Dimethylphenol	10.270	107	136364	20.370	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.529	93	132814	18.035	ng/ul	92
29) 2,4-Dichlorophenol	10.764	162	99875	19.928	ng/ul	88
30) Naphthalene	11.193	128	313221	19.750	ng/ul	98
32) 4-Chloroaniline	11.310	127	139375	19.821	ng/ul	97
33) Hexachlorobutadiene	11.428	225	81239	20.368	ng/ul	92
34) Caprolactam	12.074	113	17538	9.003	ng/ul#	76
35) 4-Chloro-3-methylphenol	12.374	107	129052	19.201	ng/ul	90
36) 2-Methylnaphthalene	12.779	142	245909	20.442	ng/ul	94

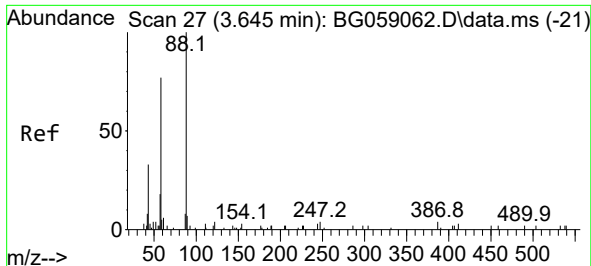
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091423\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.991	142	247895	20.161	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	13.120	216	146688	19.462	ng/ul#	88
40) Hexachlorocyclopentadiene	13.067	237	110924	20.361	ng/ul#	89
41) 2,4,6-Trichlorophenol	13.361	196	100844	19.976	ng/ul#	91
42) 2,4,5-Trichlorophenol	13.426	196	109002	20.141	ng/ul	95
43) 1,1'-Biphenyl	13.766	154	350084	20.347	ng/ul	95
44) 2-Chloronaphthalene	13.819	162	269344	20.382	ng/ul	100
45) 2-Nitroaniline	14.031	65	89559	19.407	ng/ul	97
47) Dimethylphthalate	14.372	163	360266	19.825	ng/ul	98
48) 2,6-Dinitrotoluene	14.513	165	77691	20.413	ng/ul	95
50) Acenaphthylene	14.659	152	458623	20.629	ng/ul	98
51) 3-Nitroaniline	14.853	138	74844	21.670	ng/ul	95
52) Acenaphthene	14.994	153	305258	20.405	ng/ul	95
53) 2,4-Dinitrophenol	15.041	184	46407	19.600	ng/ul	94
55) 4-Nitrophenol	15.118	109	92913	22.469	ng/ul	88
56) Dibenzofuran	15.323	168	450005	20.383	ng/ul	98
57) 2,4-Dinitrotoluene	15.288	165	115002	20.957	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.529	232	121154	21.462	ng/ul#	98
59) Diethylphthalate	15.717	149	380956	20.448	ng/ul	97
61) Fluorene	15.976	166	382933	20.509	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.958	204	211078	20.623	ng/ul	97
63) 4-Nitroaniline	16.011	138	77817	24.362	ng/ul	94
66) 4,6-Dinitro-2-methylph...	16.040	198	86625	20.527	ng/ul	99
67) N-Nitrosodiphenylamine	16.175	169	335290	19.994	ng/ul	98
68) 4-Bromophenyl-phenylether	16.857	248	147282	19.219	ng/ul	90
69) Hexachlorobenzene	16.945	284	173451	20.710	ng/ul	97
70) Atrazine	17.110	200	157507	21.677	ng/ul	95
71) Pentachlorophenol	17.298	266	108779	20.205	ng/ul	93
72) Phenanthrene	17.726	178	683618	20.700	ng/ul	97
74) Anthracene	17.815	178	712406	20.847	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.731	216	163064	18.828	ng/uL	95
76) Pentachlorobenzene	15.218	250	177957	19.647	ng/uL	97
77) Carbazole	18.091	167	605383	21.750	ng/ul	96
78) Di-n-butylphthalate	18.596	149	690467	20.680	ng/ul	100
80) Fluoranthene	19.718	202	847538	20.979	ng/ul#	97
82) Pyrene	20.083	202	873762	20.098	ng/ul	97
83) Butylbenzylphthalate	20.940	149	305252	19.780	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.892	252	334232	22.362	ng/ul#	98
85) Benzo(a)anthracene	21.980	228	916138	20.385	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.822	149	449510	20.140	ng/ul	99
87) Chrysene	22.051	228	837550	20.142	ng/ul	97
89) Di-n-octyl phthalate	23.144	149	755805	20.452	ng/ul	100
90) Benzo(b)fluoranthene	24.407	252	929937	20.905	ng/ul	93
91) Benzo(k)fluoranthene	24.483	252	916233	20.220	ng/ul	99
93) Benzo(a)pyrene	25.382	252	856848	20.448	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.660	276	934197	17.951	ng/ul	94
95) Dibenzo(a,h)anthracene	29.759	278	834268	19.939	ng/ul#	92
96) Benzo(g,h,i)perylene	30.970	276	828657	19.775	ng/ul#	95

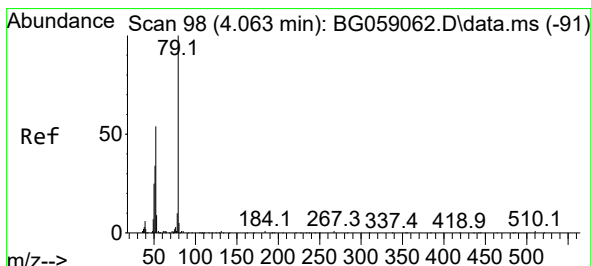
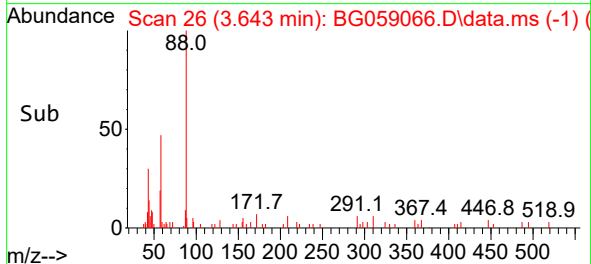
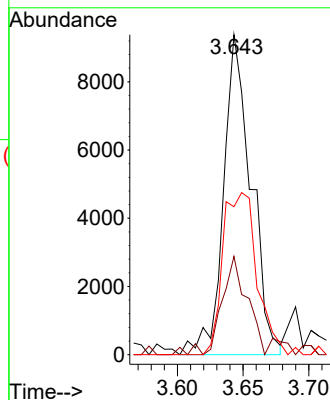
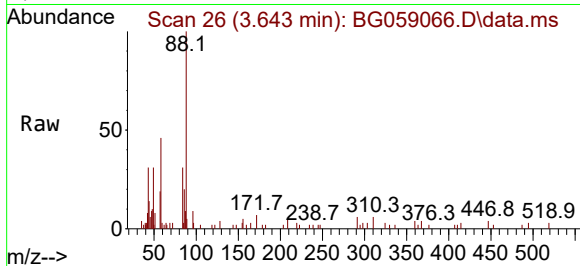
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#2
1,4-Dioxane
Concen: 6.607 ng/uL
RT: 3.643 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG059066.D
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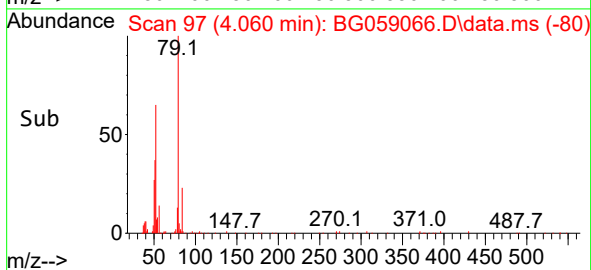
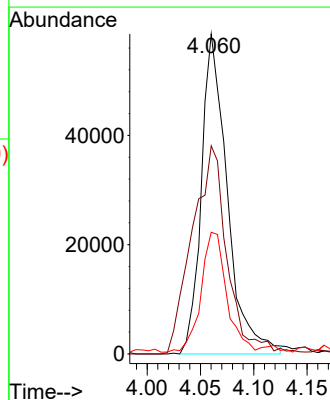
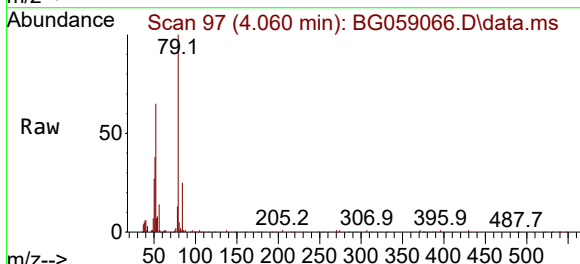
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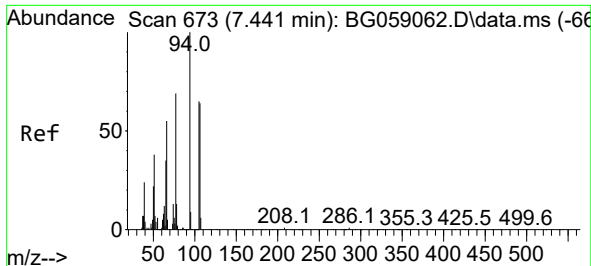
Tgt Ion: 88 Resp: 13768
Ion Ratio Lower Upper
88 100
43 30.7 26.6 40.0
58 46.2 61.6 92.4#



#5
Pyridine
Concen: 20.295 ng/uL
RT: 4.060 min Scan# 97
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion: 79 Resp: 99158
Ion Ratio Lower Upper
79 100
52 65.0 44.8 67.2
51 38.1 27.9 41.9

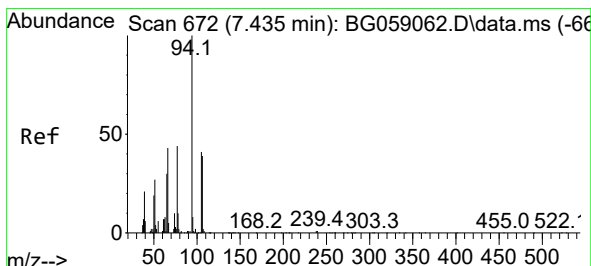
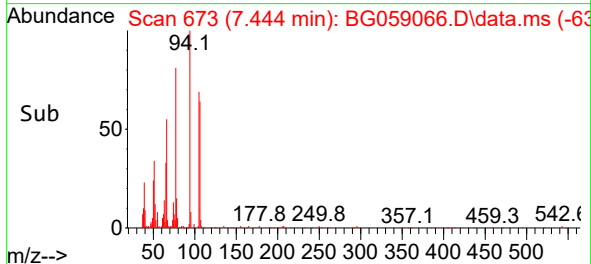
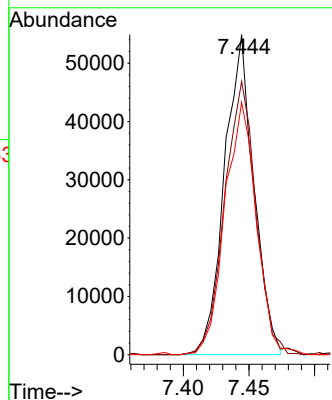
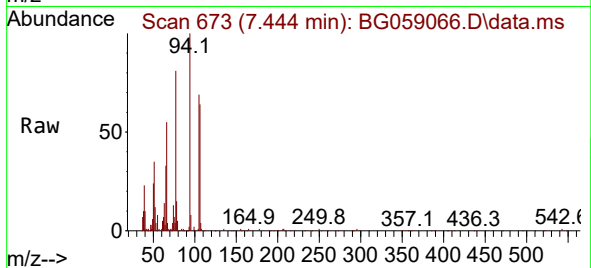




#6
Benzaldehyde
Concen: 21.997 ng/ul
RT: 7.444 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

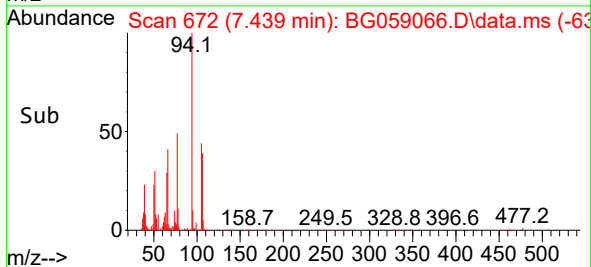
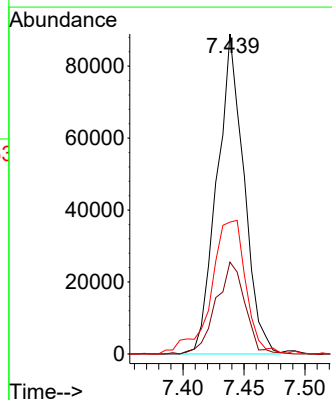
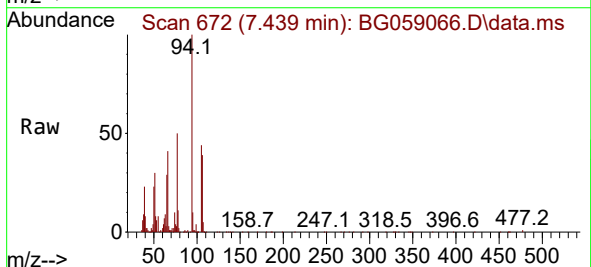
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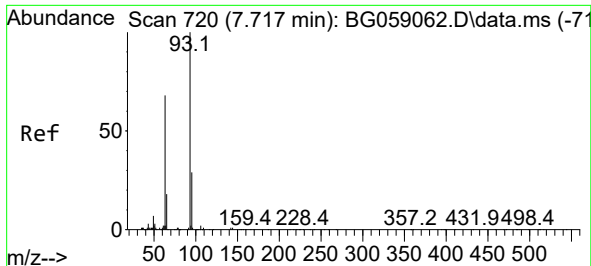
Tgt Ion: 77 Resp: 85065
Ion Ratio Lower Upper
77 100
105 85.4 76.2 114.2
106 78.8 74.2 111.4



#8
Phenol
Concen: 18.363 ng/ul
RT: 7.439 min Scan# 672
Delta R.T. 0.003 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion: 94 Resp: 136812
Ion Ratio Lower Upper
94 100
65 28.7 24.6 36.8
66 41.2 35.7 53.5

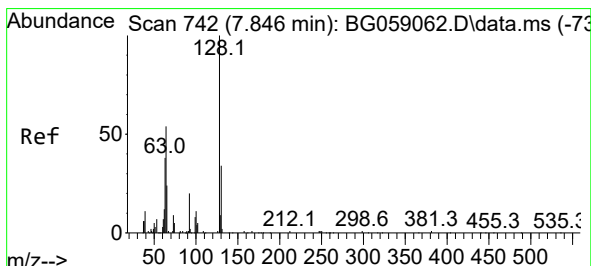
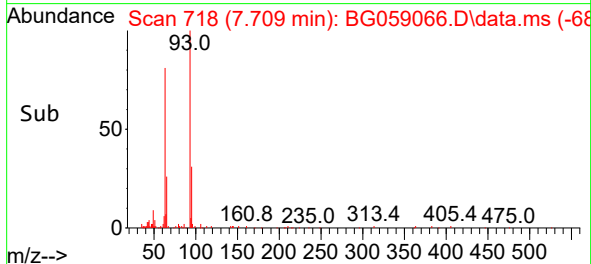
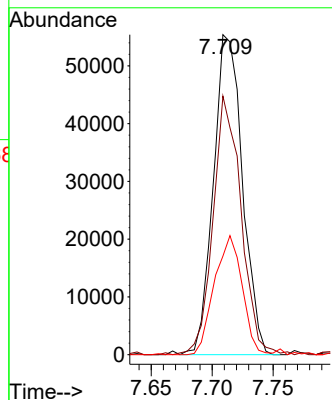
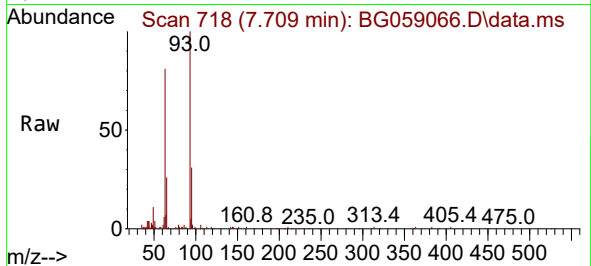




#10
Bis(2-Chloroethyl)ether
Concen: 17.826 ng/ul
RT: 7.709 min Scan# 718
Delta R.T. -0.008 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

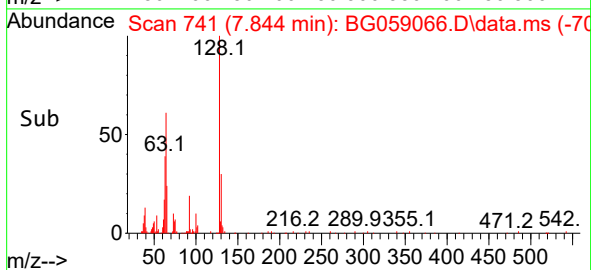
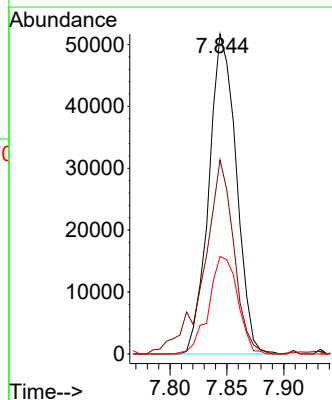
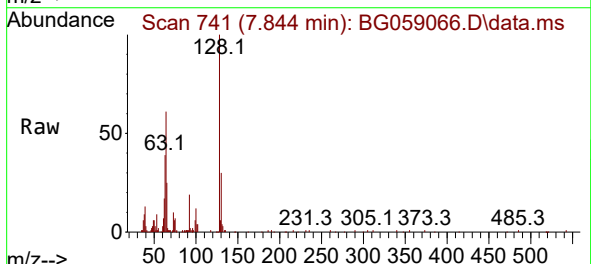
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ClientSampleId :
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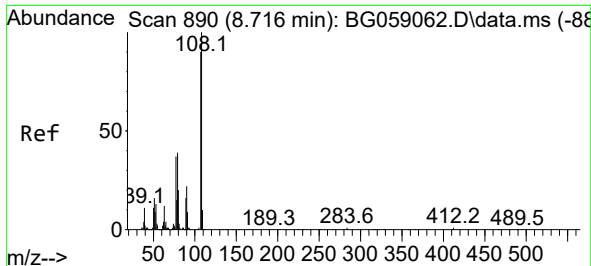
Tgt Ion: 93 Resp: 91849
Ion Ratio Lower Upper
93 100
63 80.8 54.7 82.1
95 30.8 23.2 34.8



#12
2-Chlorophenol
Concen: 18.815 ng/ul
RT: 7.844 min Scan# 741
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion:128 Resp: 86724
Ion Ratio Lower Upper
128 100
64 60.7 45.6 68.4
130 30.4 27.5 41.3





#13

2-Methylphenol

Concen: 17.942 ng/ul

RT: 8.713 min Scan# 890

Delta R.T. -0.002 min

Lab File: BG059066.D

Acq: 14 Sep 2023 16:07

Instrument :

BNA_G

ClientSampleId :

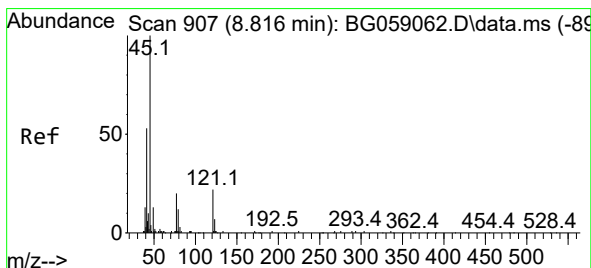
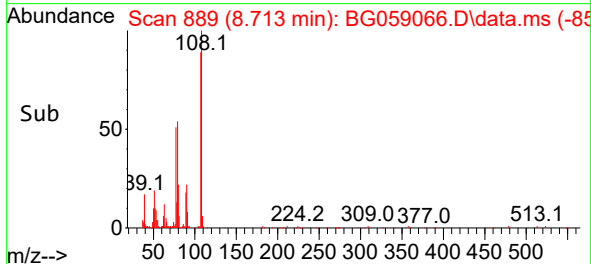
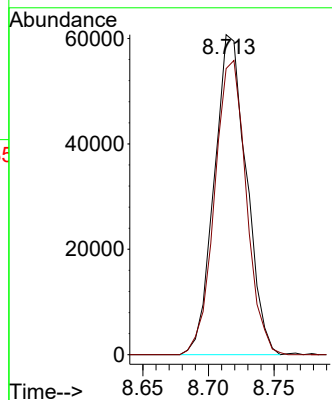
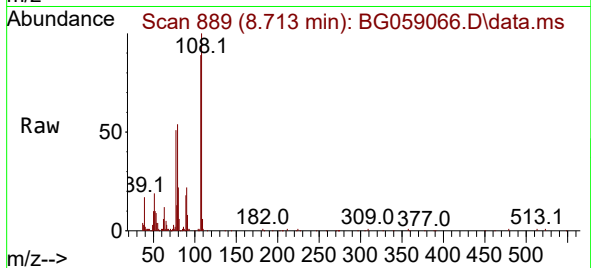
SICV420

Tgt Ion:108 Resp: 103347

Ion Ratio Lower Upper

108 100

107 89.4 72.0 108.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 18.487 ng/ul

RT: 8.802 min Scan# 904

Delta R.T. -0.014 min

Lab File: BG059066.D

Acq: 14 Sep 2023 16:07

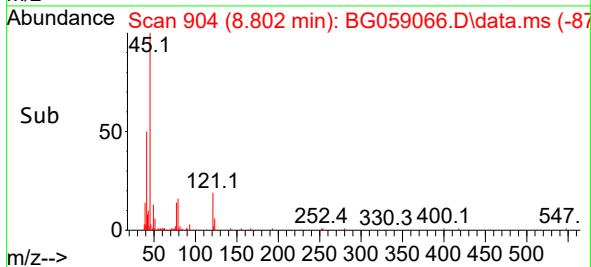
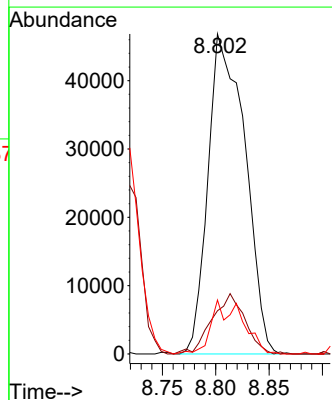
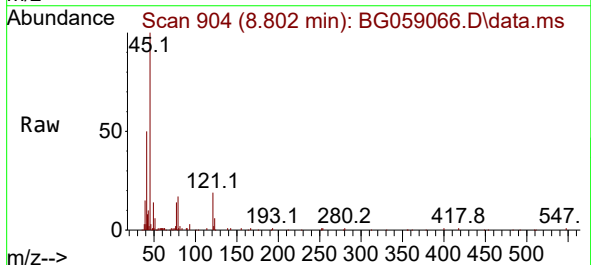
Tgt Ion: 45 Resp: 112883

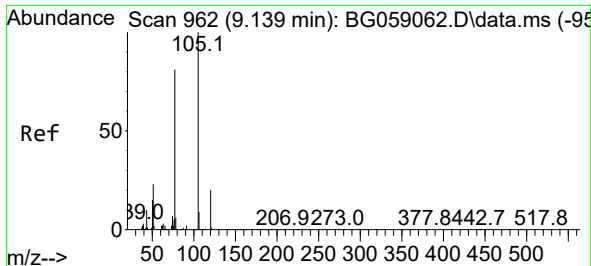
Ion Ratio Lower Upper

45 100

77 13.5 16.3 24.5#

79 16.8 10.4 15.6#

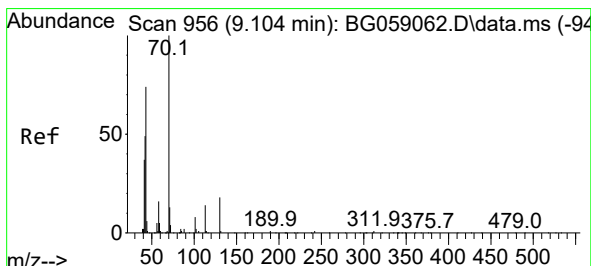
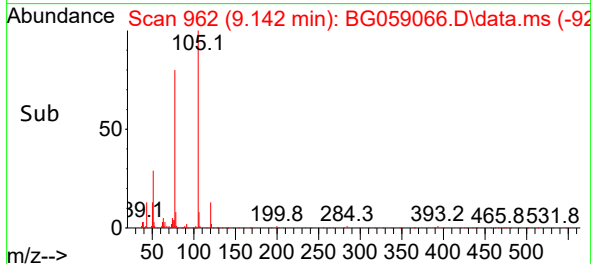
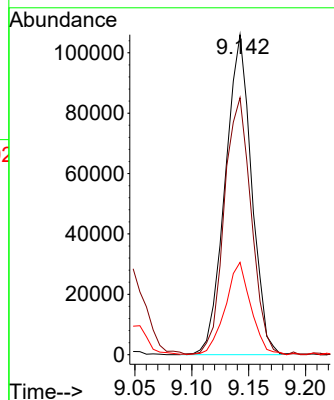
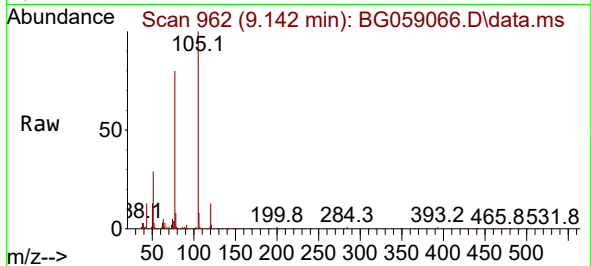




#16
Acetophenone
Concen: 18.252 ng/ul
RT: 9.142 min Scan# 90
Delta R.T. 0.003 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

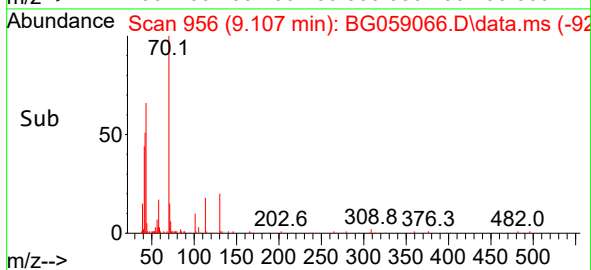
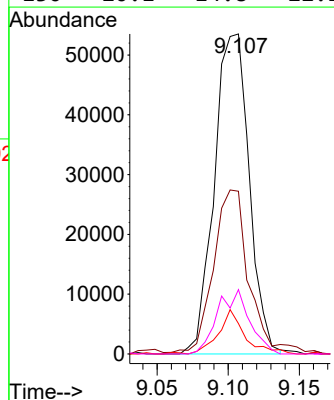
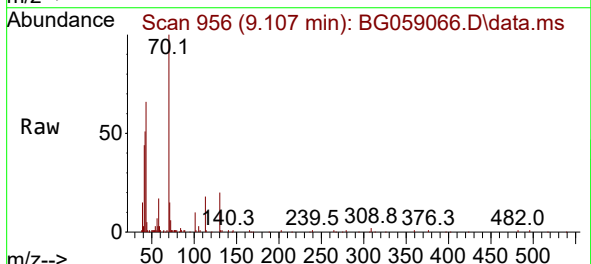
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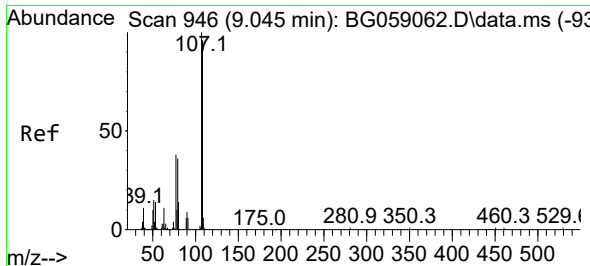
Tgt Ion:105 Resp: 171028
Ion Ratio Lower Upper
105 100
77 80.3 66.1 99.1
51 28.9 18.8 28.2#



#17
N-Nitroso-di-n-propylamine
Concen: 17.958 ng/ul
RT: 9.107 min Scan# 956
Delta R.T. 0.003 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion: 70 Resp: 91154
Ion Ratio Lower Upper
70 100
42 50.9 39.8 59.8
101 9.5 6.5 9.7
130 20.1 14.8 22.2

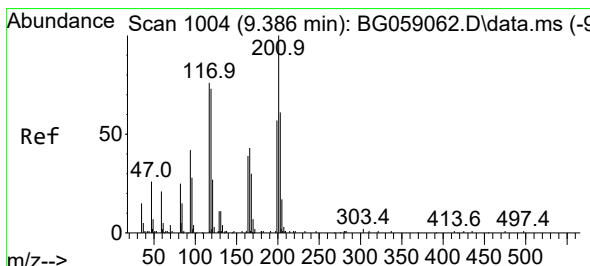
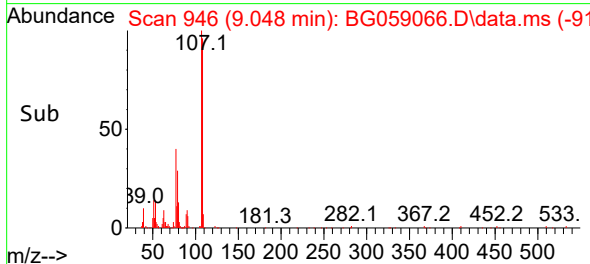
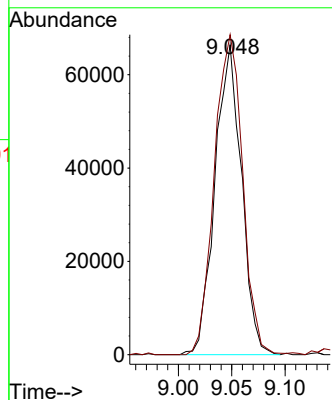
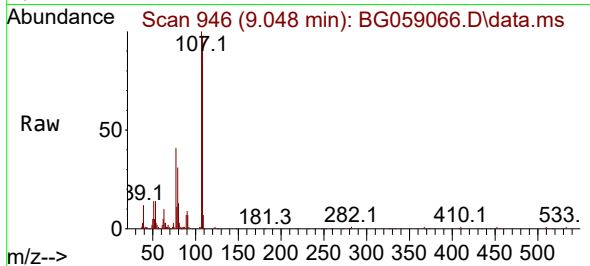




#18
4-Methylphenol
Concen: 18.036 ng/ul
RT: 9.048 min Scan# 946
Delta R.T. 0.003 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

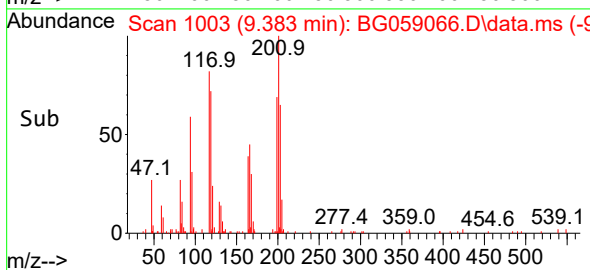
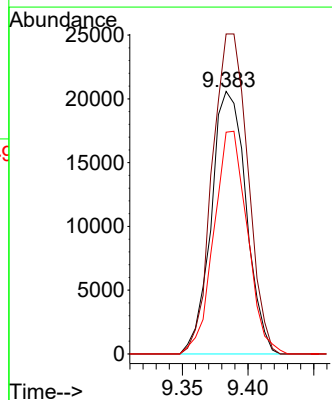
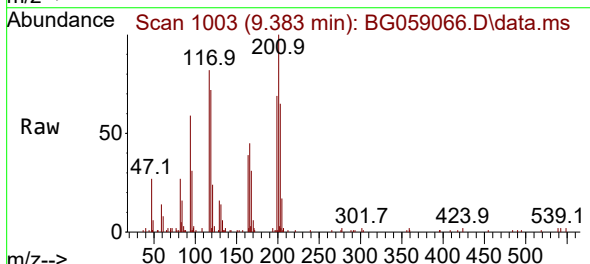
Instrument :
BNA_G
ClientSampleId :
SICV420

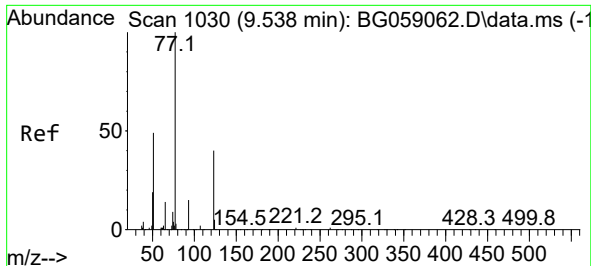
Tgt Ion:108 Resp: 114634
Ion Ratio Lower Upper
108 100
107 103.2 83.1 124.7



#19
Hexachloroethane
Concen: 19.092 ng/ul
RT: 9.383 min Scan# 1003
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion:117 Resp: 38060
Ion Ratio Lower Upper
117 100
201 121.9 104.2 156.4
199 84.5 59.6 89.4

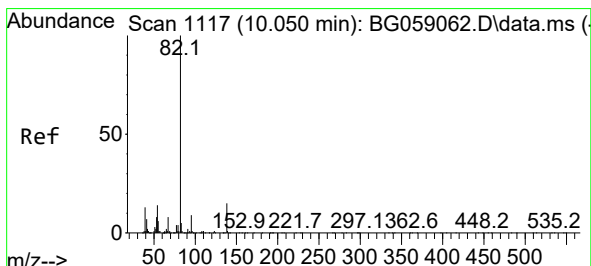
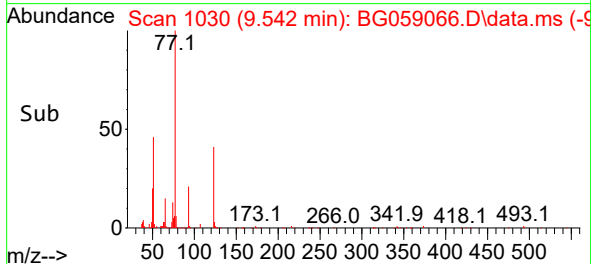
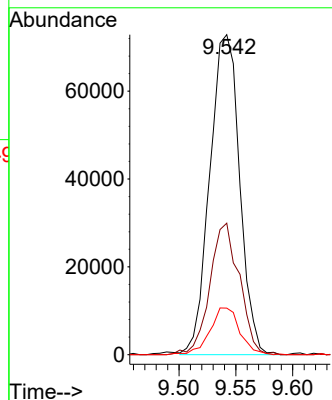
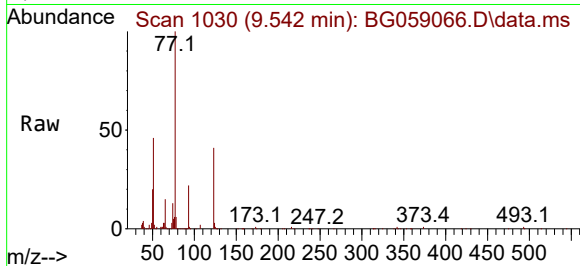




#22
Nitrobenzene
Concen: 19.355 ng/ul
RT: 9.542 min Scan# 1030
Delta R.T. 0.003 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

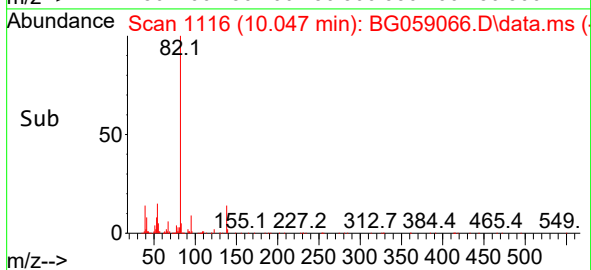
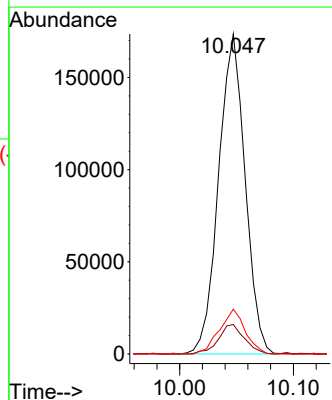
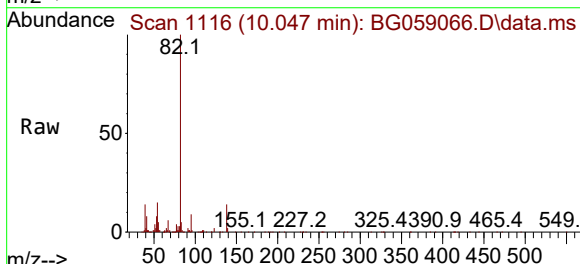
Instrument :
BNA_G
ClientSampleId :
SICV420

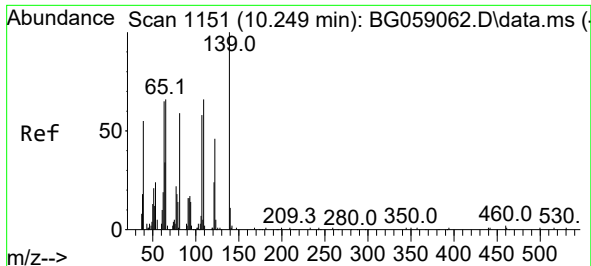
Tgt Ion: 77 Resp: 133126
Ion Ratio Lower Upper
77 100
123 41.1 31.5 47.3
65 14.6 10.9 16.3



#23
Isophorone
Concen: 18.709 ng/ul
RT: 10.047 min Scan# 1116
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion: 82 Resp: 281195
Ion Ratio Lower Upper
82 100
95 9.2 7.1 10.7
138 14.0 11.7 17.5

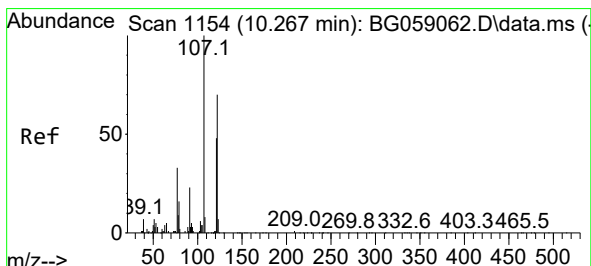
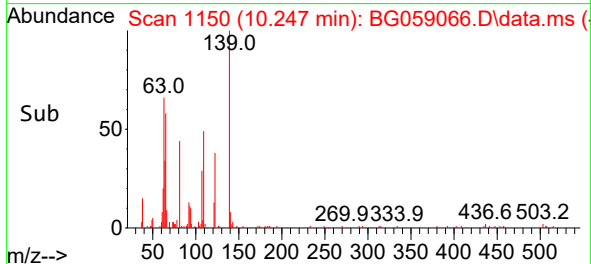
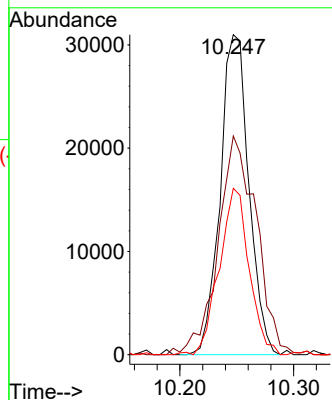
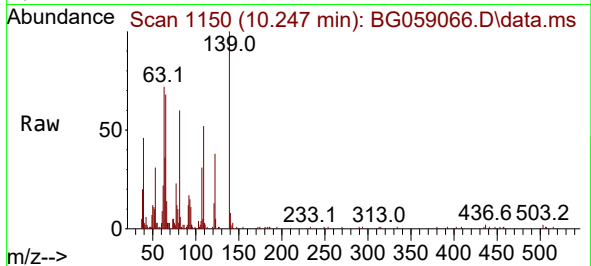




#25
2-Nitrophenol
Concen: 19.418 ng/ul
RT: 10.247 min Scan# 1151
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

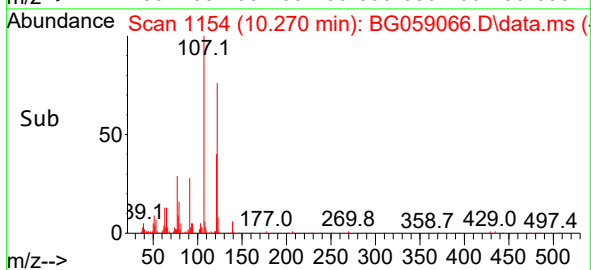
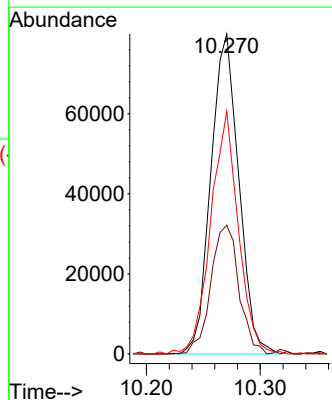
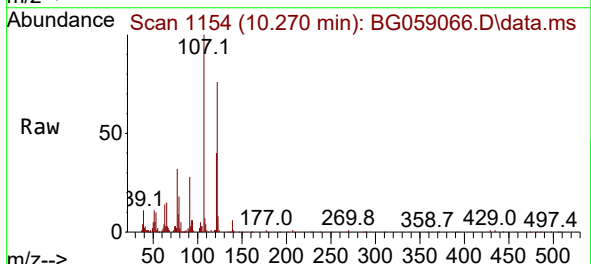
Instrument :
BNA_G
ClientSampleId :
SICV420

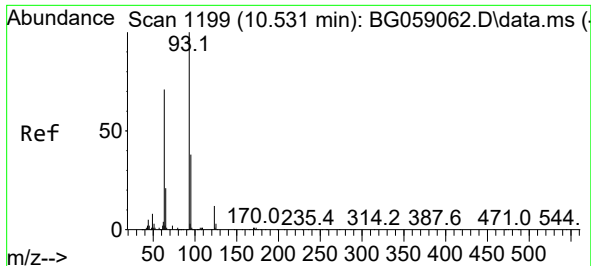
Tgt Ion:139 Resp: 54224
Ion Ratio Lower Upper
139 100
65 68.3 54.6 81.8
109 52.0 52.4 78.6#



#26
2,4-Dimethylphenol
Concen: 20.370 ng/ul
RT: 10.270 min Scan# 1154
Delta R.T. 0.003 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion:107 Resp: 136364
Ion Ratio Lower Upper
107 100
121 40.2 38.9 58.3
122 75.7 57.5 86.3

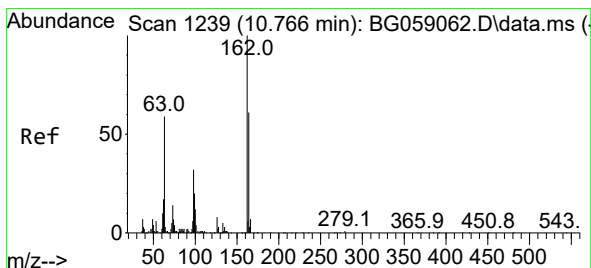
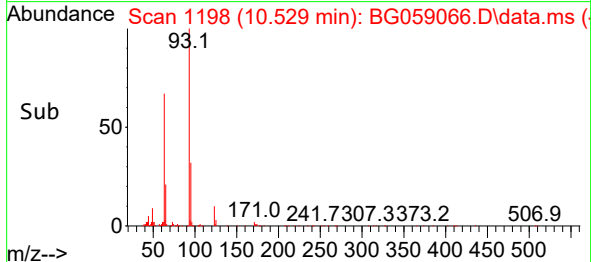
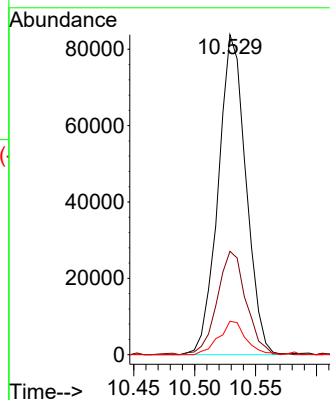
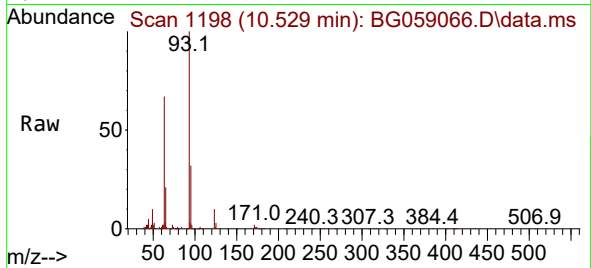




#27
 Bis(2-Chloroethoxy)methane
 Concen: 18.035 ng/ul
 RT: 10.529 min Scan# 1198
 Delta R.T. -0.002 min
 Lab File: BG059066.D
 Acq: 14 Sep 2023 16:07

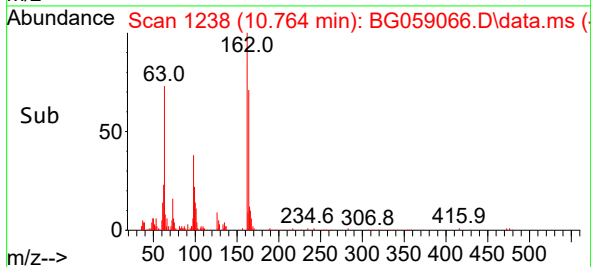
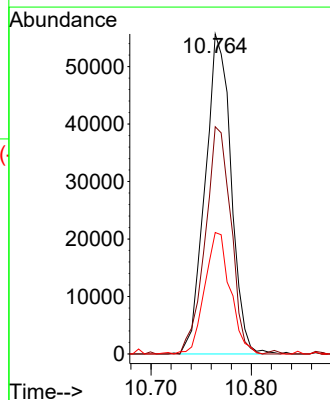
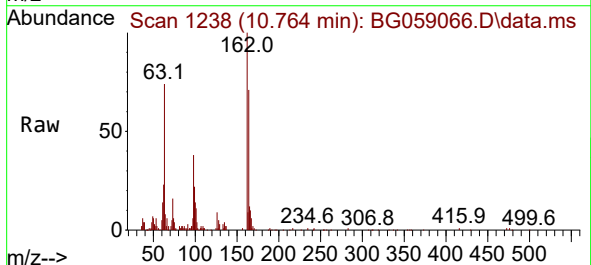
Instrument :
 BNA_G
 ClientSampleId :
 SICV420

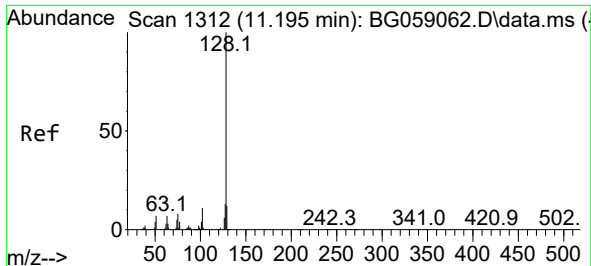
Tgt Ion: 93 Resp: 132814
 Ion Ratio Lower Upper
 93 100
 95 32.3 30.5 45.7
 123 10.4 9.2 13.8



#29
 2,4-Dichlorophenol
 Concen: 19.928 ng/ul
 RT: 10.764 min Scan# 1238
 Delta R.T. -0.002 min
 Lab File: BG059066.D
 Acq: 14 Sep 2023 16:07

Tgt Ion:162 Resp: 99875
 Ion Ratio Lower Upper
 162 100
 164 71.0 48.4 72.6
 98 38.0 26.1 39.1

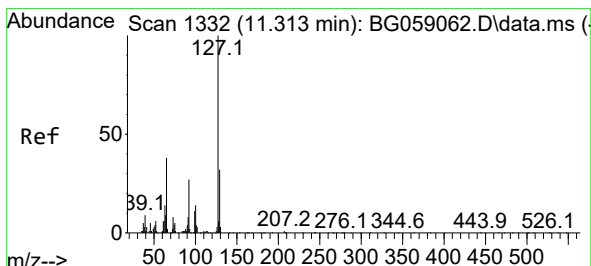
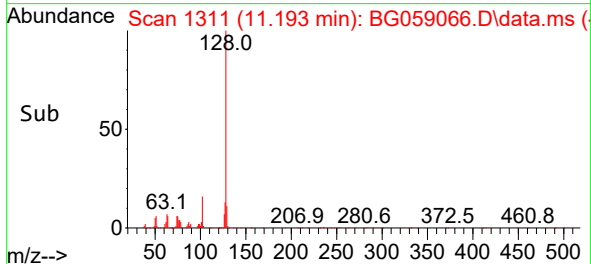
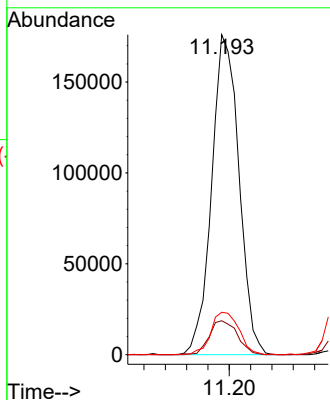
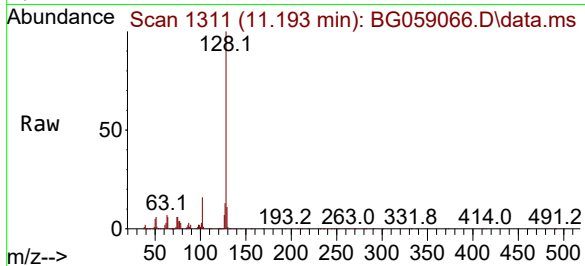




#30
Naphthalene
Concen: 19.750 ng/ul
RT: 11.193 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

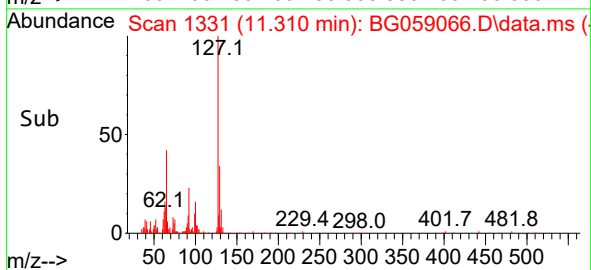
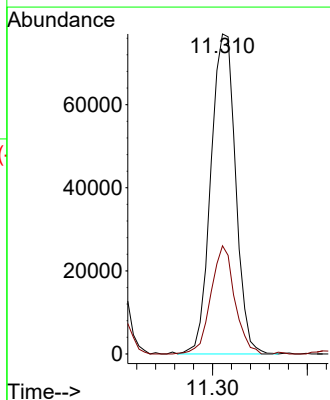
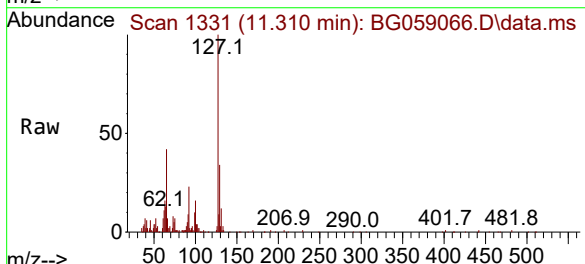
Instrument :
BNA_G
ClientSampleId :
SICV420

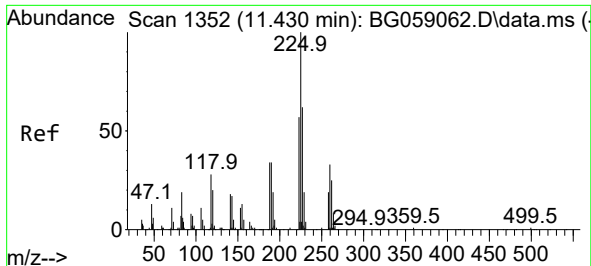
Tgt Ion:128 Resp: 313221
Ion Ratio Lower Upper
128 100
129 10.6 9.4 14.2
127 13.3 10.2 15.2



#32
4-Chloroaniline
Concen: 19.821 ng/ul
RT: 11.310 min Scan# 1331
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion:127 Resp: 139375
Ion Ratio Lower Upper
127 100
129 33.8 25.8 38.8

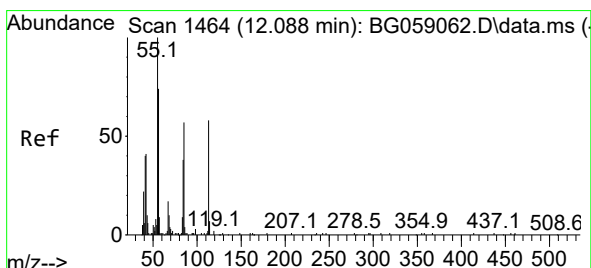
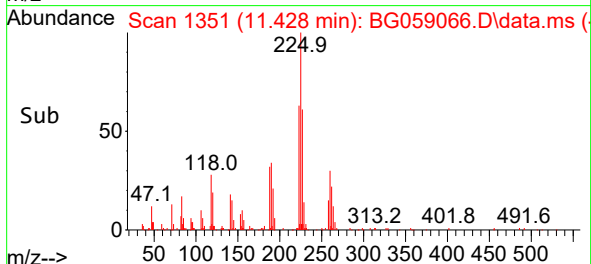
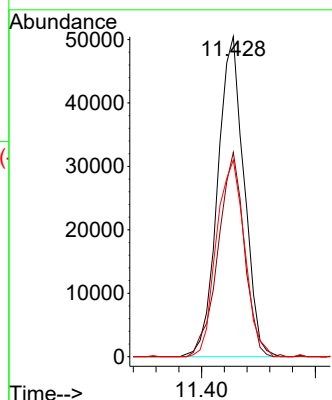
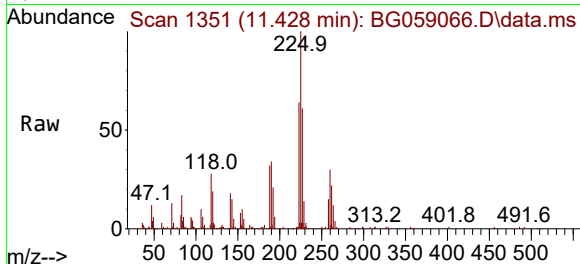




#33
Hexachlorobutadiene
Concen: 20.368 ng/ul
RT: 11.428 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

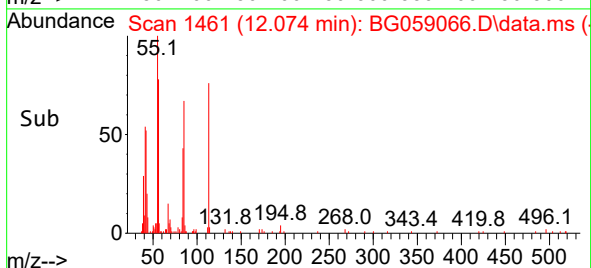
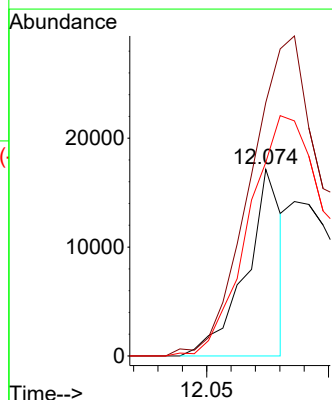
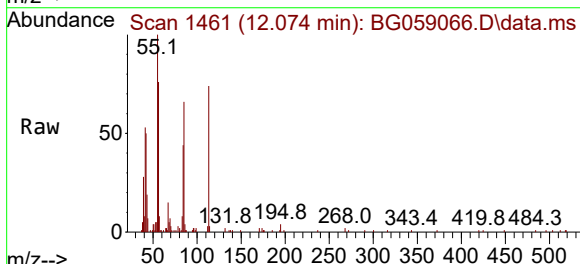
Instrument :
BNA_G
ClientSampleId :
SICV420

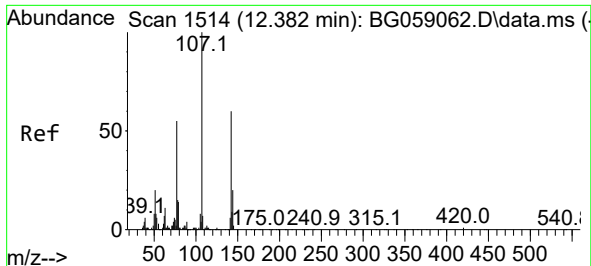
Tgt Ion:225 Resp: 81239
Ion Ratio Lower Upper
225 100
223 64.8 43.8 65.6
227 62.5 48.0 72.0



#34
Caprolactam
Concen: 9.003 ng/ul
RT: 12.074 min Scan# 1461
Delta R.T. -0.014 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion:113 Resp: 17538
Ion Ratio Lower Upper
113 100
55 135.8 137.6 206.4#
56 103.8 102.3 153.5

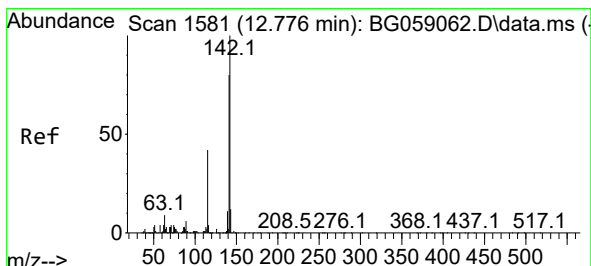
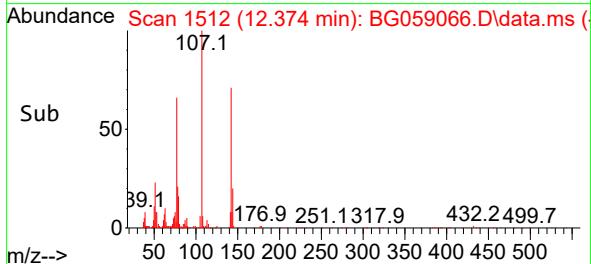
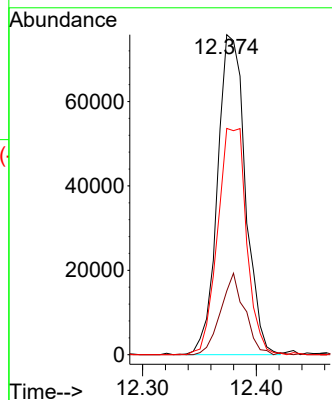
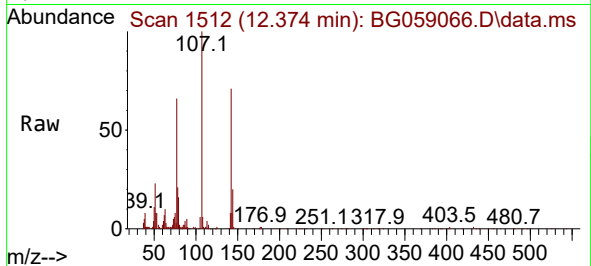




#35
4-Chloro-3-methylphenol
Concen: 19.201 ng/ul
RT: 12.374 min Scan# 1512
Delta R.T. -0.008 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

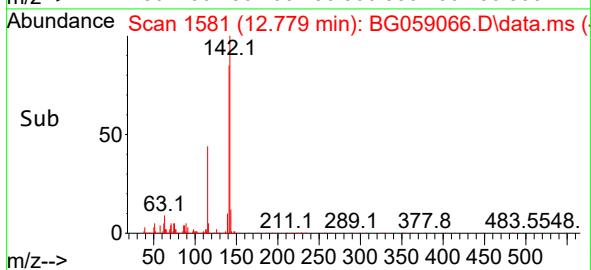
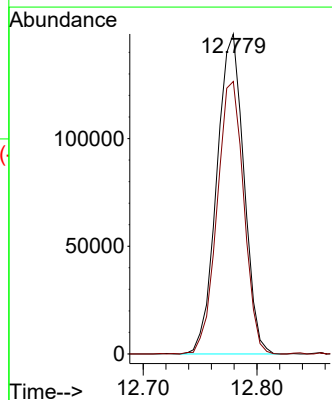
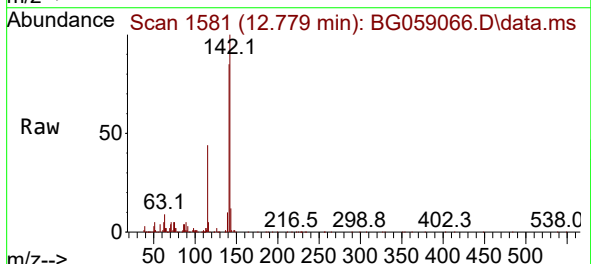
Instrument :
BNA_G
ClientSampleId :
SICV420

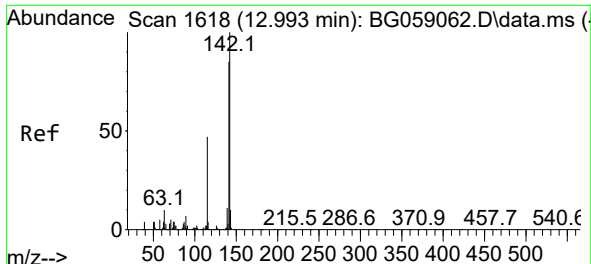
Tgt Ion:107 Resp: 129052
Ion Ratio Lower Upper
107 100
144 19.9 15.8 23.8
142 70.7 48.2 72.4



#36
2-Methylnaphthalene
Concen: 20.442 ng/ul
RT: 12.779 min Scan# 1581
Delta R.T. 0.003 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion:142 Resp: 245909
Ion Ratio Lower Upper
142 100
141 85.2 64.1 96.1





#37

1-Methylnaphthalene

Concen: 20.161 ng/ul

RT: 12.991 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG059066.D

Acq: 14 Sep 2023 16:07

Instrument :

BNA_G

ClientSampleId :

SICV420

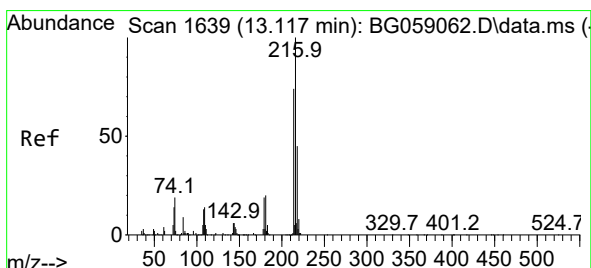
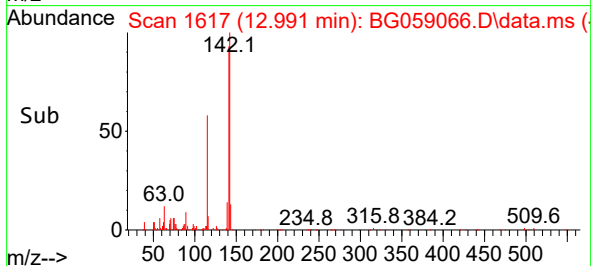
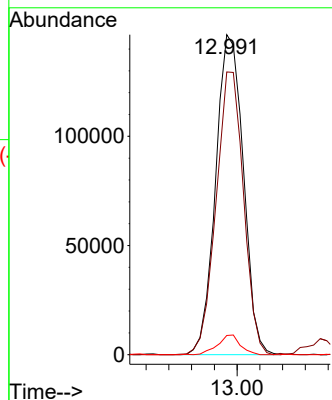
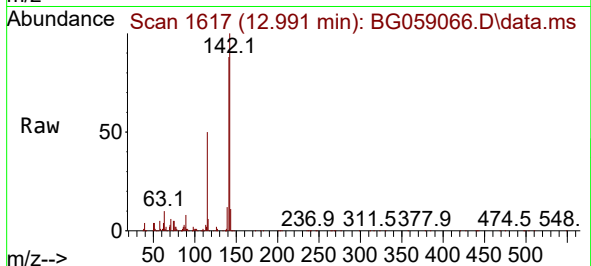
Tgt Ion:142 Resp: 247895

Ion Ratio Lower Upper

142 100

141 88.4 68.0 102.0

116 6.0 3.6 5.4#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.462 ng/ul

RT: 13.120 min Scan# 1639

Delta R.T. 0.003 min

Lab File: BG059066.D

Acq: 14 Sep 2023 16:07

Tgt Ion:216 Resp: 146688

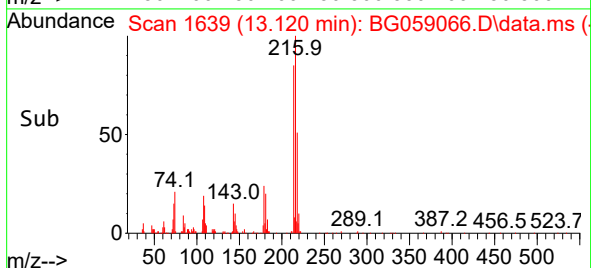
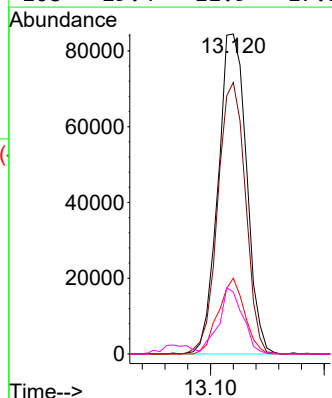
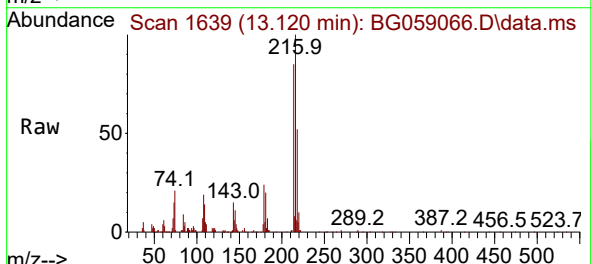
Ion Ratio Lower Upper

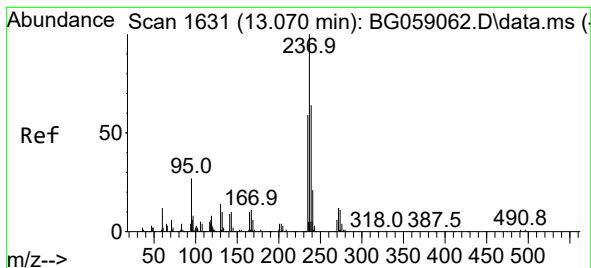
216 100

214 84.8 58.8 88.2

179 23.7 15.4 23.0#

108 19.4 11.9 17.9#





#40

Hexachlorocyclopentadiene

Concen: 20.361 ng/ul

RT: 13.067 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG059066.D

Acq: 14 Sep 2023 16:07

Instrument :

BNA_G

ClientSampleId :

SICV420

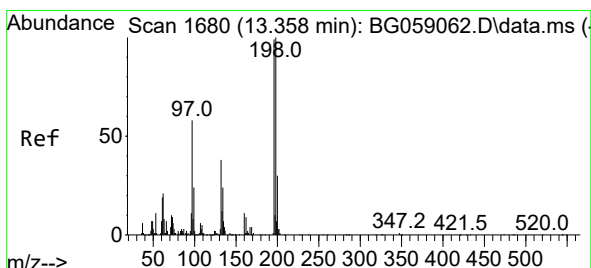
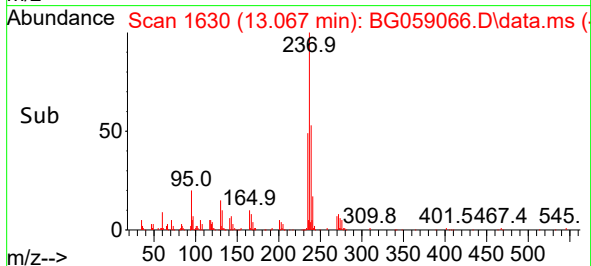
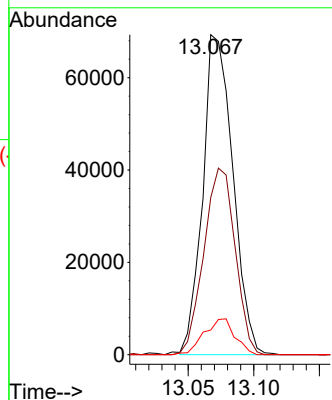
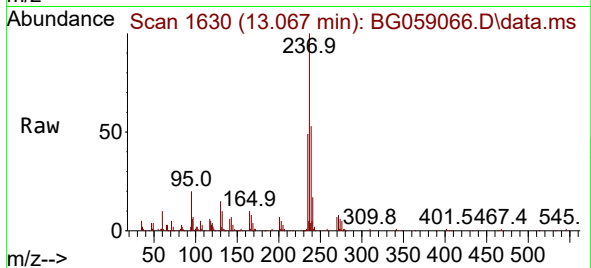
Tgt Ion:237 Resp: 110924

Ion Ratio Lower Upper

237 100

235 49.1 45.4 68.2

272 7.7 9.7 14.5#



#41

2,4,6-Trichlorophenol

Concen: 19.976 ng/ul

RT: 13.361 min Scan# 1680

Delta R.T. 0.003 min

Lab File: BG059066.D

Acq: 14 Sep 2023 16:07

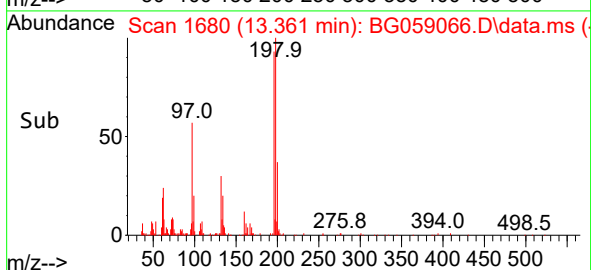
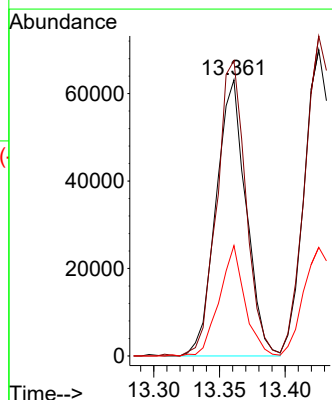
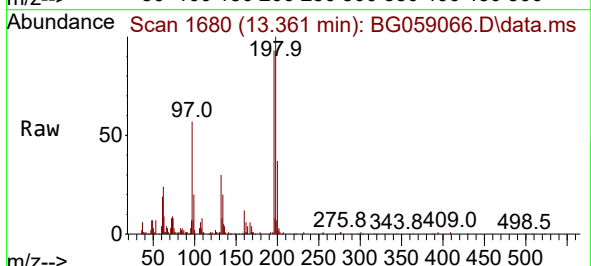
Tgt Ion:196 Resp: 100844

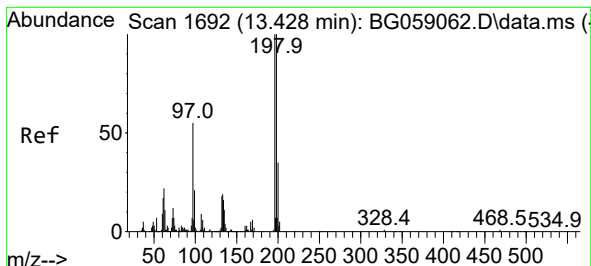
Ion Ratio Lower Upper

196 100

198 107.0 80.6 121.0

200 40.0 24.2 36.2#





#42

2,4,5-Trichlorophenol

Concen: 20.141 ng/ul

RT: 13.426 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG059066.D

Acq: 14 Sep 2023 16:07

Instrument :

BNA_G

ClientSampleId :

SICV420

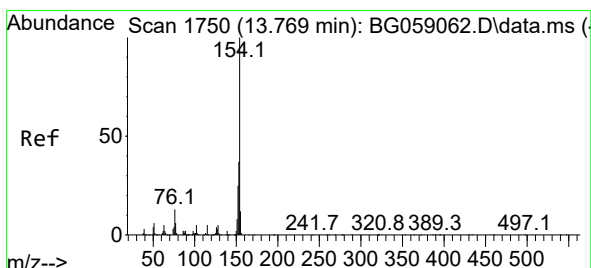
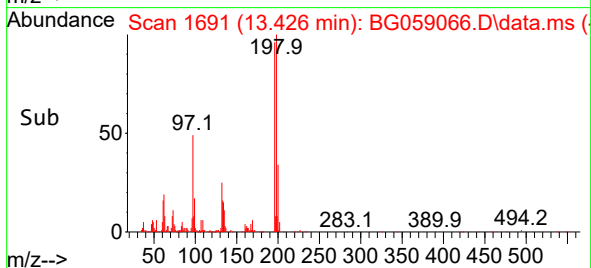
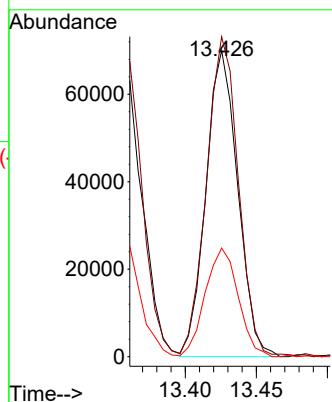
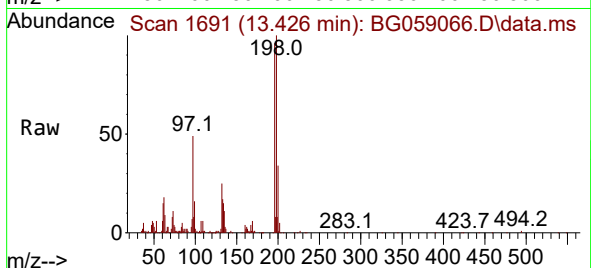
Tgt Ion:196 Resp: 109002

Ion Ratio Lower Upper

196 100

198 104.5 78.9 118.3

200 35.5 27.4 41.2



#43

1,1'-Biphenyl

Concen: 20.347 ng/ul

RT: 13.766 min Scan# 1749

Delta R.T. -0.002 min

Lab File: BG059066.D

Acq: 14 Sep 2023 16:07

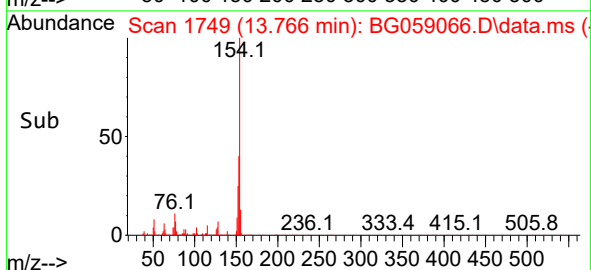
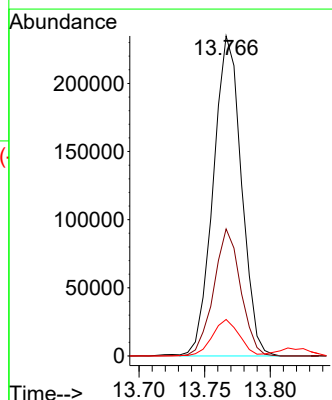
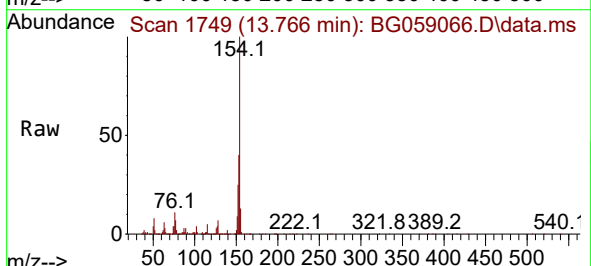
Tgt Ion:154 Resp: 350084

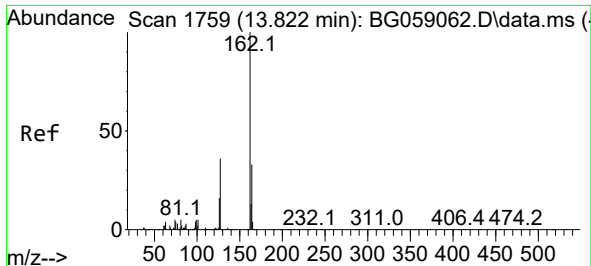
Ion Ratio Lower Upper

154 100

153 39.7 29.3 43.9

76 11.4 10.0 15.0

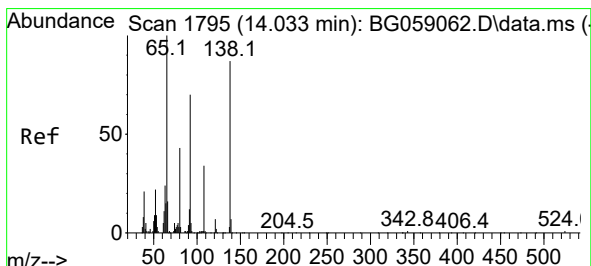
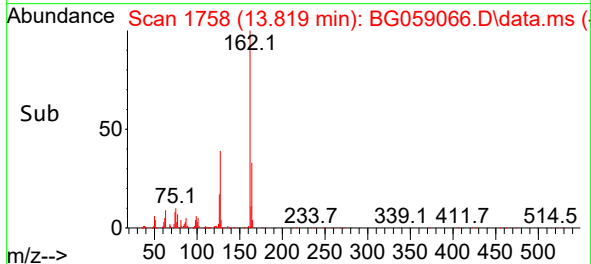
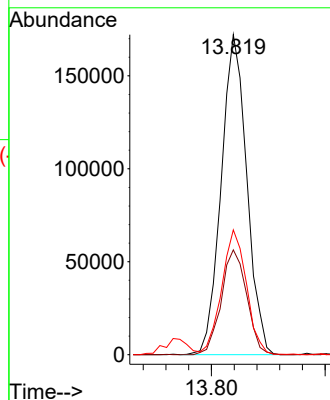
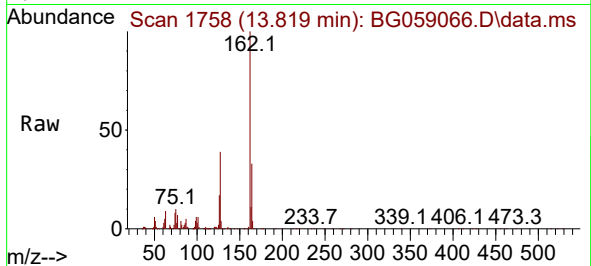




#44
2-Chloronaphthalene
Concen: 20.382 ng/ul
RT: 13.819 min Scan# 1758
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

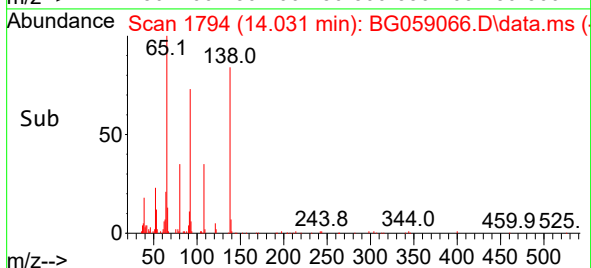
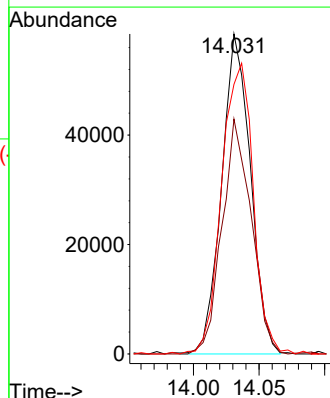
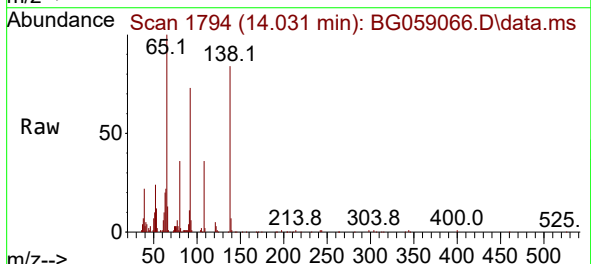
Instrument :
BNA_G
ClientSampleId :
SICV420

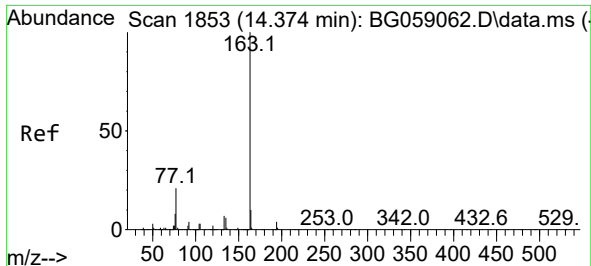
Tgt Ion:162 Resp: 269344
Ion Ratio Lower Upper
162 100
164 32.7 26.1 39.1
127 39.0 31.3 46.9



#45
2-Nitroaniline
Concen: 19.407 ng/ul
RT: 14.031 min Scan# 1794
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion: 65 Resp: 89559
Ion Ratio Lower Upper
65 100
92 73.4 56.0 84.0
138 84.3 69.3 103.9

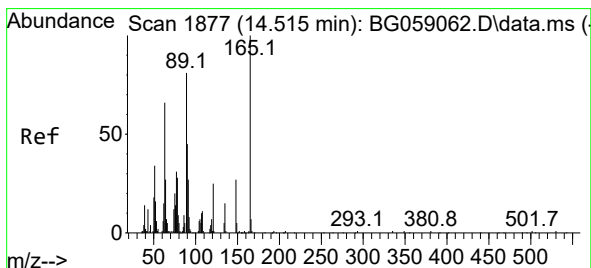
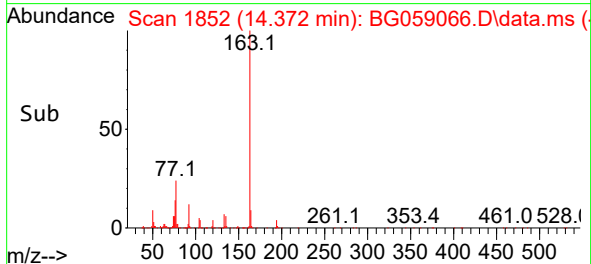
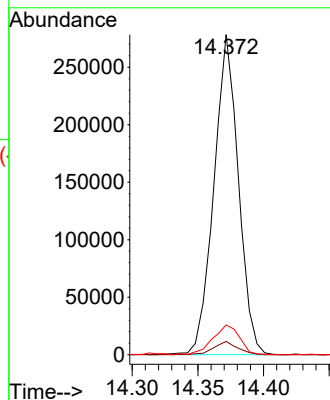
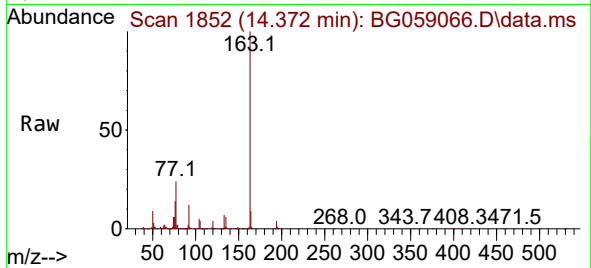




#47
Dimethylphthalate
Concen: 19.825 ng/ul
RT: 14.372 min Scan# 1852
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

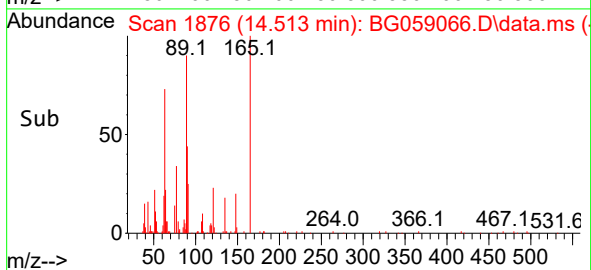
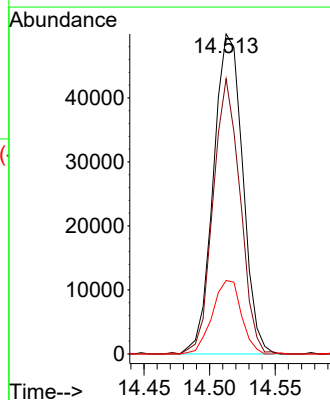
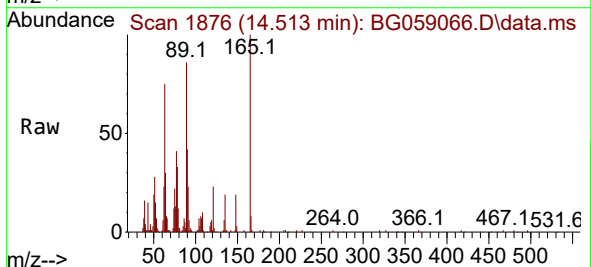
Instrument :
BNA_G
ClientSampleId :
SICV420

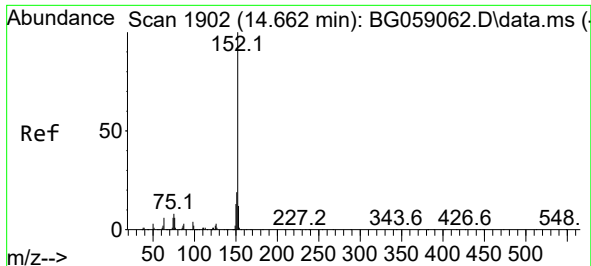
Tgt Ion:163 Resp: 360266
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 9.3 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 20.413 ng/ul
RT: 14.513 min Scan# 1876
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion:165 Resp: 77691
Ion Ratio Lower Upper
165 100
89 86.0 65.1 97.7
121 22.9 20.6 30.8

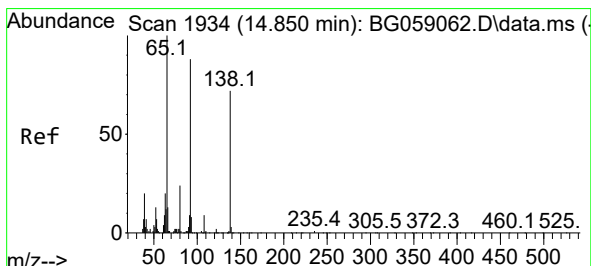
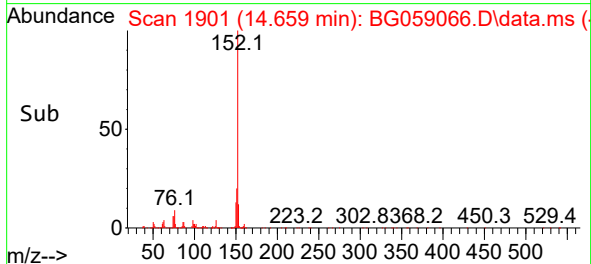
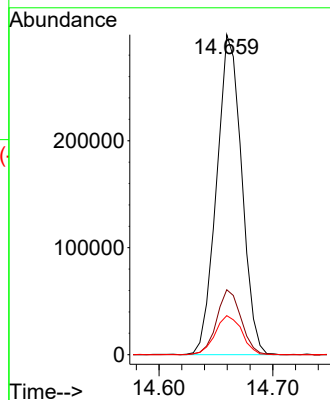
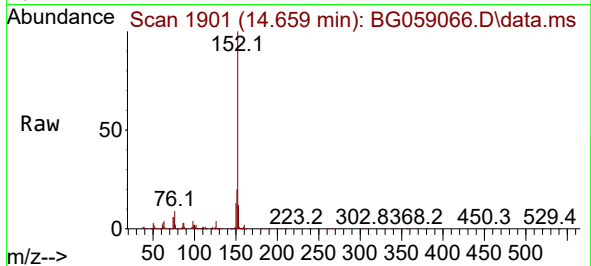




#50
Acenaphthylene
Concen: 20.629 ng/ul
RT: 14.659 min Scan# 1901
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

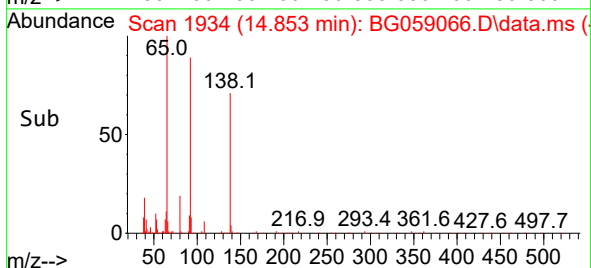
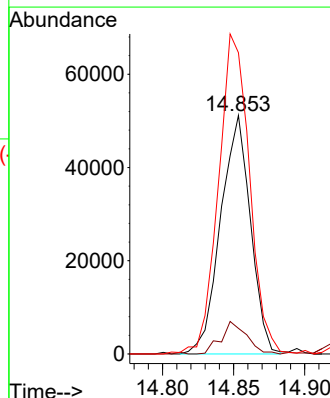
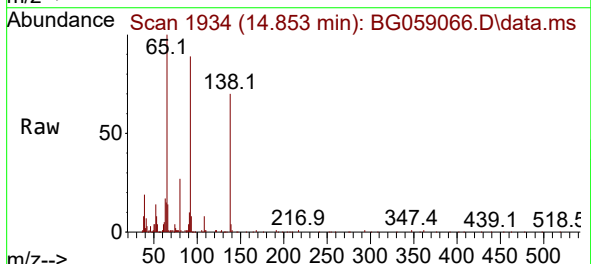
Instrument :
BNA_G
ClientSampleId :
SICV420

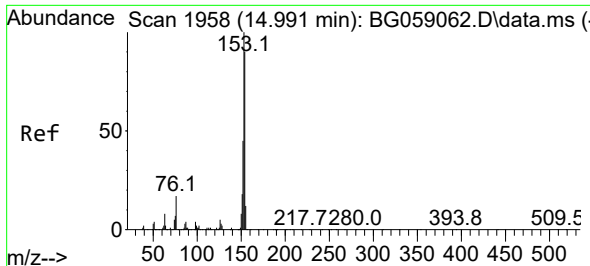
Tgt Ion:152 Resp: 458623
Ion Ratio Lower Upper
152 100
151 20.3 15.1 22.7
153 12.2 9.4 14.0



#51
3-Nitroaniline
Concen: 21.670 ng/ul
RT: 14.853 min Scan# 1934
Delta R.T. 0.003 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion:138 Resp: 74844
Ion Ratio Lower Upper
138 100
108 10.7 10.2 15.4
92 126.3 97.0 145.4

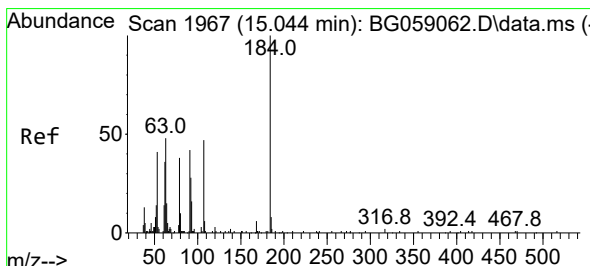
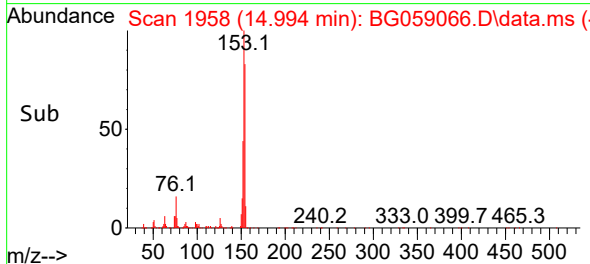
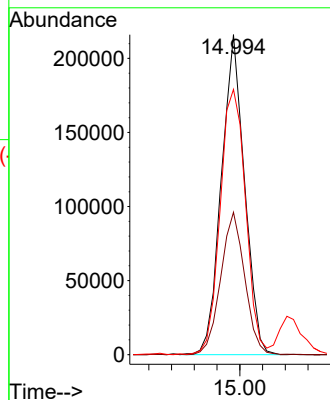
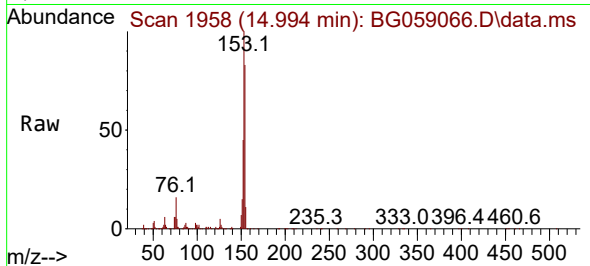




#52
Acenaphthene
Concen: 20.405 ng/ul
RT: 14.994 min Scan# 1958
Delta R.T. 0.003 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

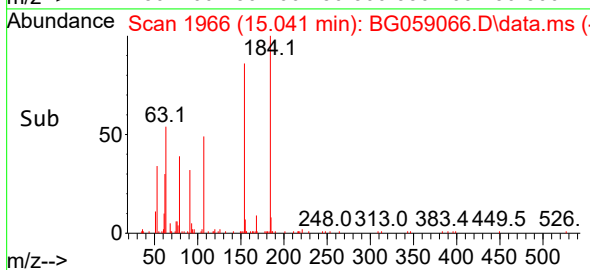
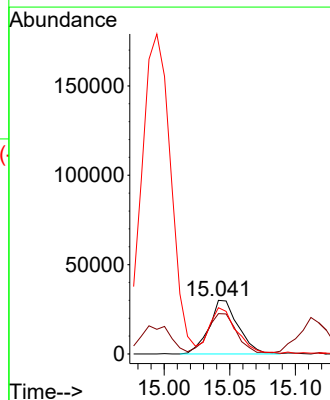
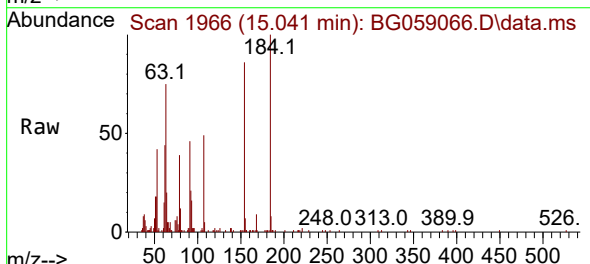
Instrument :
BNA_G
ClientSampleId :
SICV420

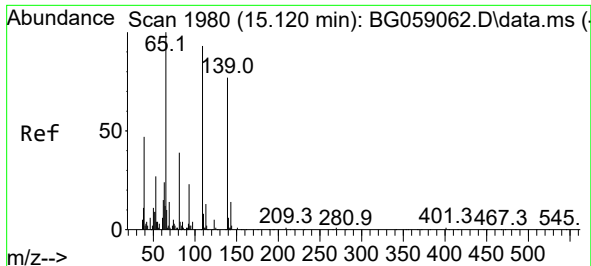
Tgt Ion:153 Resp: 305258
Ion Ratio Lower Upper
153 100
152 44.5 35.7 53.5
154 82.9 72.0 108.0



#53
2,4-Dinitrophenol
Concen: 19.600 ng/ul
RT: 15.041 min Scan# 1966
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion:184 Resp: 46407
Ion Ratio Lower Upper
184 100
63 75.2 54.3 81.5
154 86.4 66.2 99.2

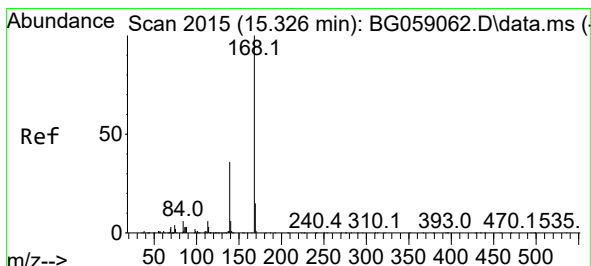
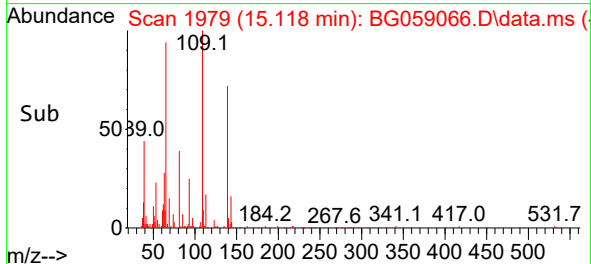
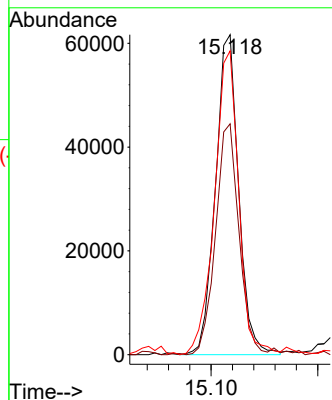
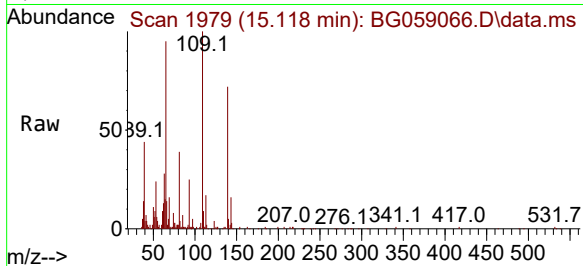




#55
4-Nitrophenol
Concen: 22.469 ng/ul
RT: 15.118 min Scan# 1980
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

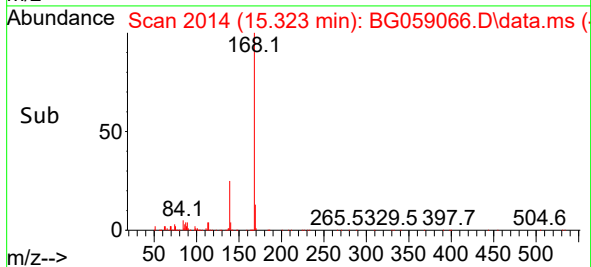
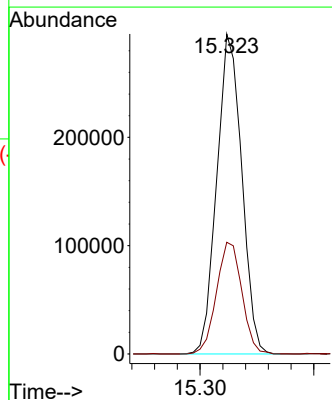
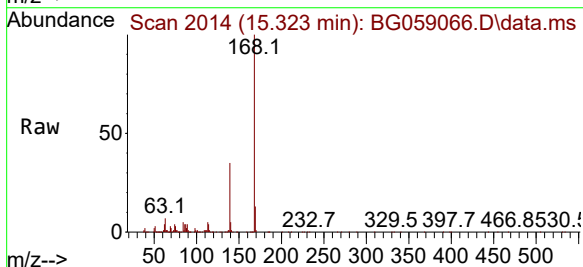
Instrument :
BNA_G
ClientSampleId :
SICV420

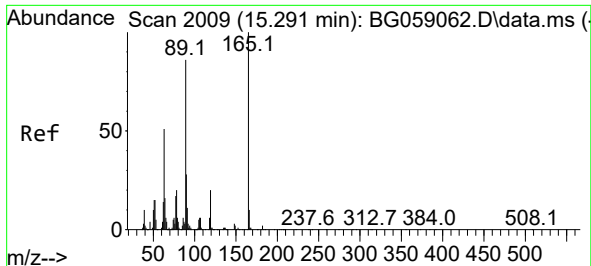
Tgt Ion:109 Resp: 92913
Ion Ratio Lower Upper
109 100
139 72.1 66.3 99.5
65 94.9 85.6 128.4



#56
Dibenzofuran
Concen: 20.383 ng/ul
RT: 15.323 min Scan# 2014
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion:168 Resp: 450005
Ion Ratio Lower Upper
168 100
139 34.9 28.9 43.3





#57

2,4-Dinitrotoluene

Concen: 20.957 ng/ul

RT: 15.288 min Scan# 20

Delta R.T. -0.002 min

Lab File: BG059066.D

Acq: 14 Sep 2023 16:07

Instrument :

BNA_G

ClientSampleId :

SICV420

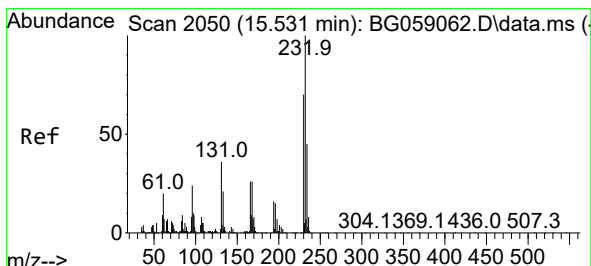
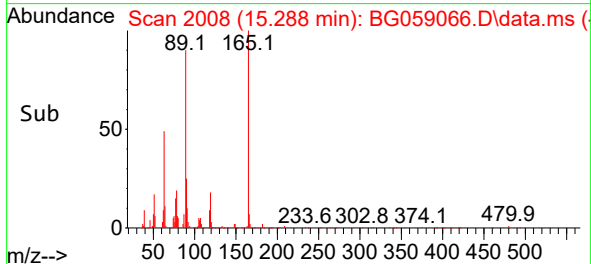
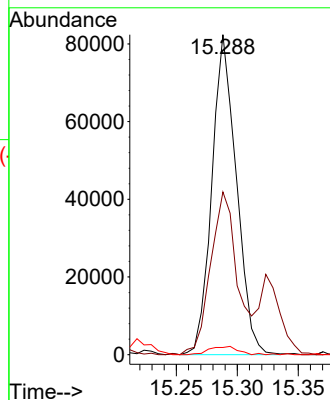
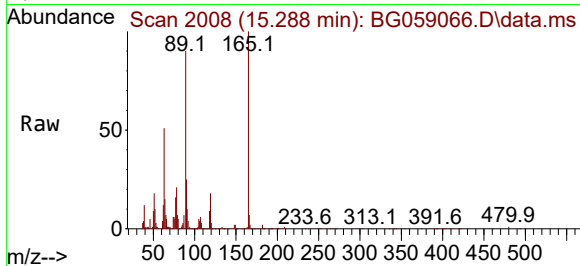
Tgt Ion:165 Resp: 115002

Ion Ratio Lower Upper

165 100

63 50.9 40.7 61.1

182 2.3 1.8 2.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.462 ng/ul

RT: 15.529 min Scan# 2049

Delta R.T. -0.002 min

Lab File: BG059066.D

Acq: 14 Sep 2023 16:07

Tgt Ion:232 Resp: 121154

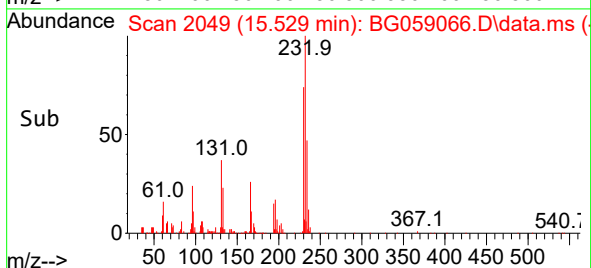
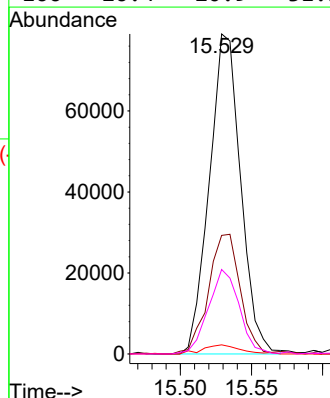
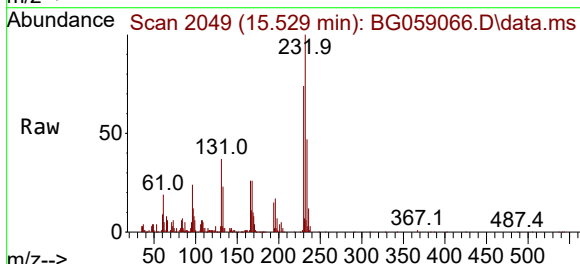
Ion Ratio Lower Upper

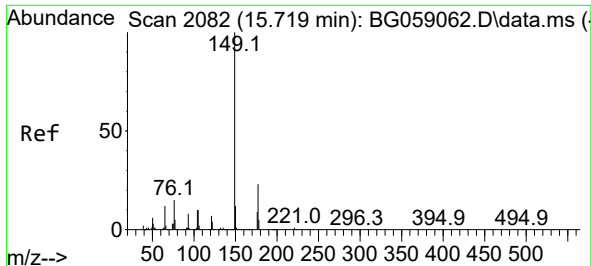
232 100

131 37.1 28.5 42.7

130 2.9 1.7 2.5#

166 26.4 20.9 31.3

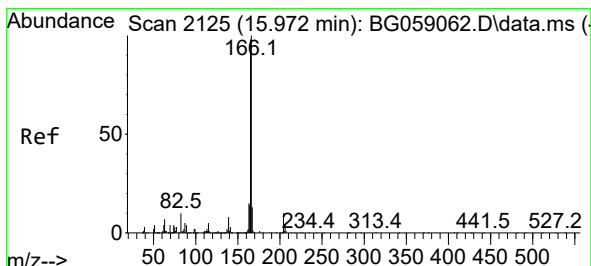
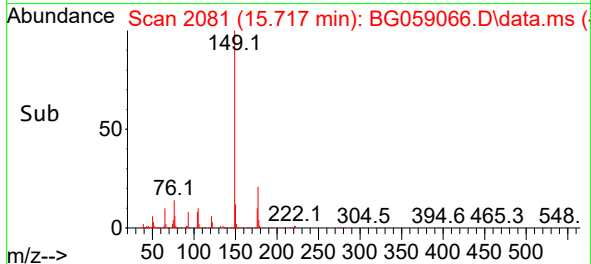
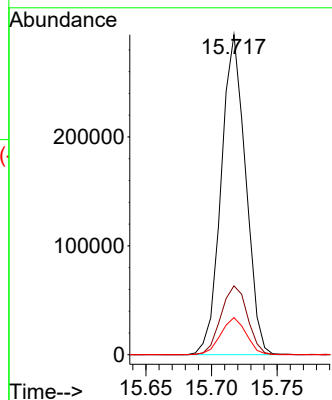
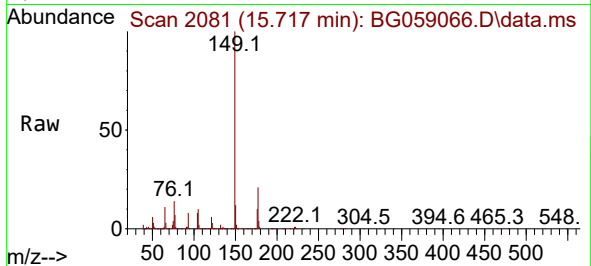




#59
Diethylphthalate
Concen: 20.448 ng/ul
RT: 15.717 min Scan# 2082
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

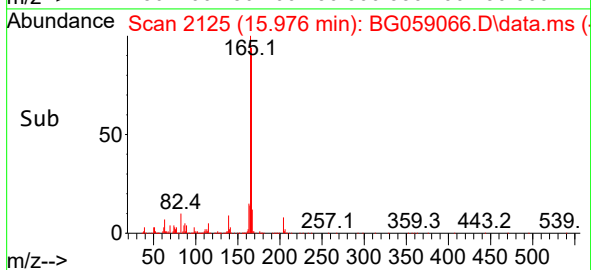
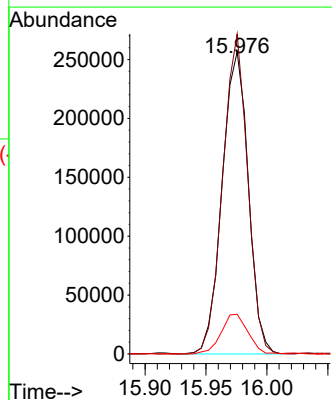
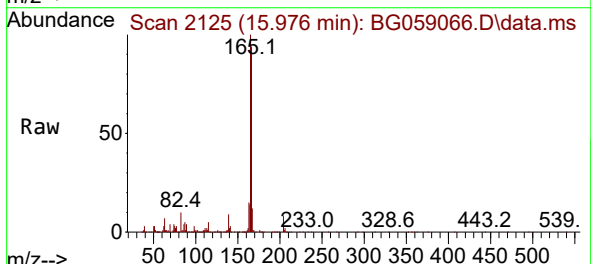
Instrument :
BNA_G
ClientSampleId :
SICV420

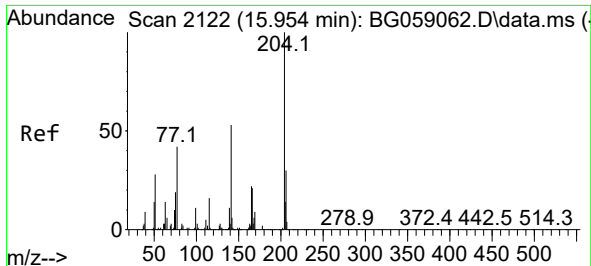
Tgt Ion:149 Resp: 380956
Ion Ratio Lower Upper
149 100
177 21.5 18.8 28.2
150 11.6 9.8 14.6



#61
Fluorene
Concen: 20.509 ng/ul
RT: 15.976 min Scan# 2125
Delta R.T. 0.003 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion:166 Resp: 382933
Ion Ratio Lower Upper
166 100
165 105.9 78.6 117.8
167 13.1 10.6 15.8

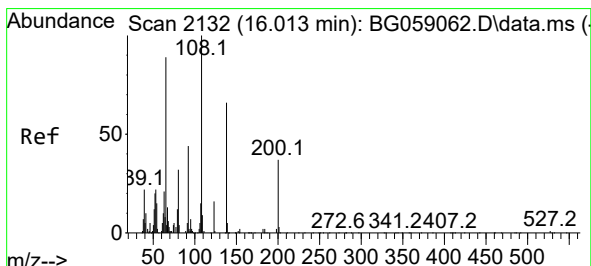
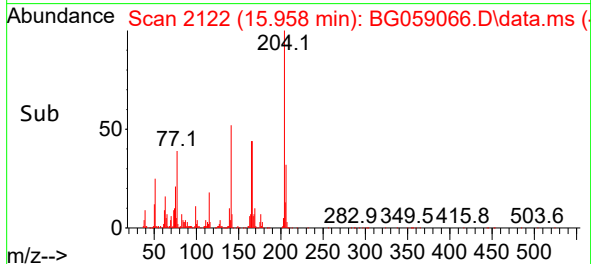
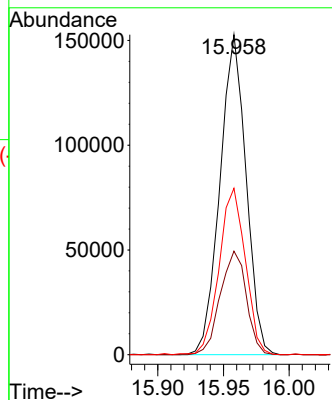
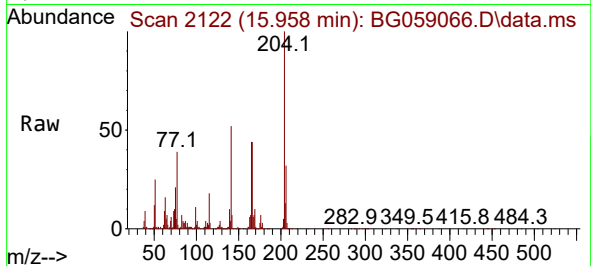




#62
4-Chlorophenyl-phenylether
Concen: 20.623 ng/ul
RT: 15.958 min Scan# 211078
Delta R.T. 0.003 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

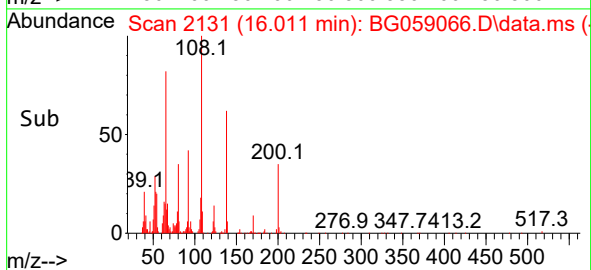
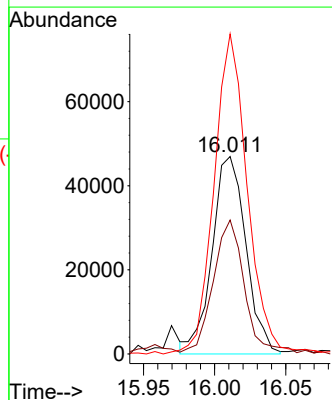
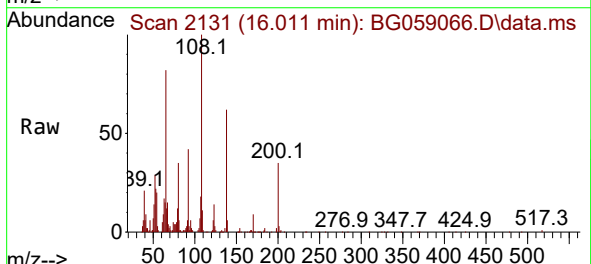
Instrument :
BNA_G
ClientSampleId :
SICV420

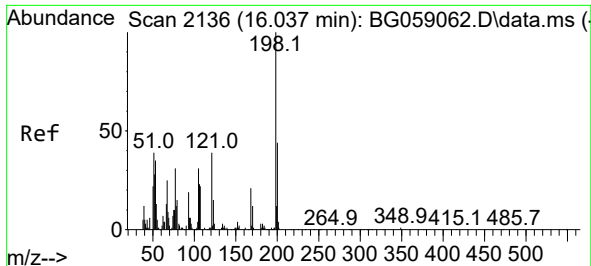
Tgt Ion:204 Resp: 211078
Ion Ratio Lower Upper
204 100
206 32.4 24.3 36.5
141 52.0 42.9 64.3



#63
4-Nitroaniline
Concen: 24.362 ng/ul
RT: 16.011 min Scan# 2131
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion:138 Resp: 77817
Ion Ratio Lower Upper
138 100
92 67.9 56.9 85.3
108 162.1 122.6 183.8

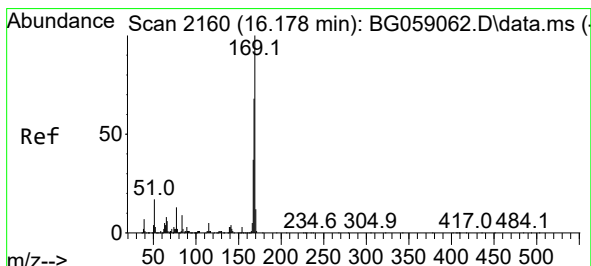
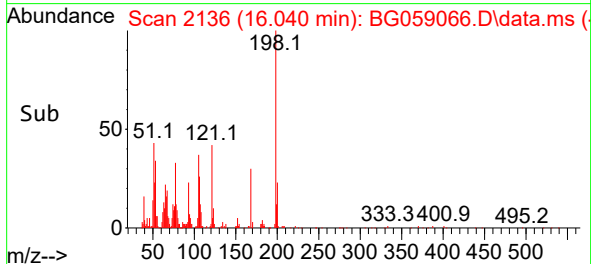
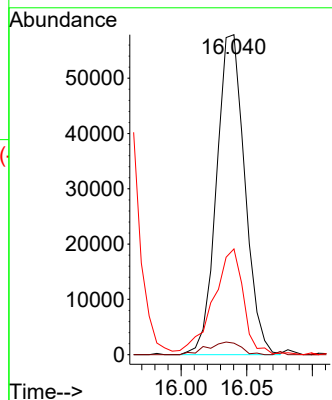
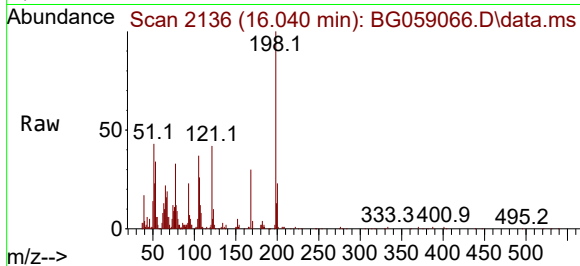




#66
4,6-Dinitro-2-methylphenol
Concen: 20.527 ng/ul
RT: 16.040 min Scan# 2136
Delta R.T. 0.003 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

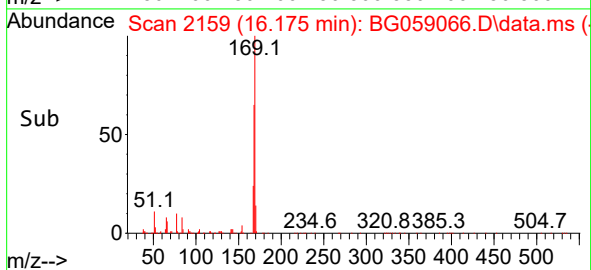
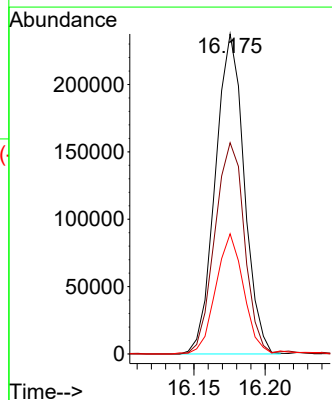
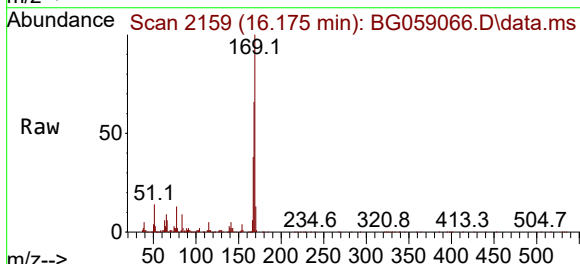
Instrument :
BNA_G
ClientSampleId :
SICV420

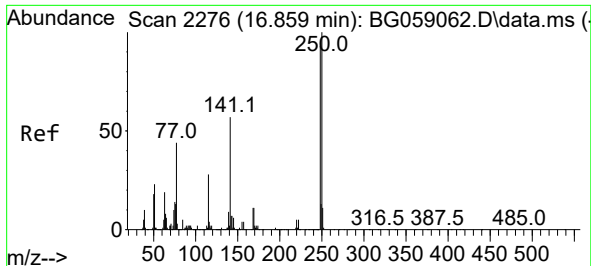
Tgt Ion:198 Resp: 86625
Ion Ratio Lower Upper
198 100
182 3.6 2.6 4.0
77 33.1 25.9 38.9



#67
N-Nitrosodiphenylamine
Concen: 19.994 ng/ul
RT: 16.175 min Scan# 2159
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion:169 Resp: 335290
Ion Ratio Lower Upper
169 100
168 66.0 54.8 82.2
167 37.6 29.6 44.4

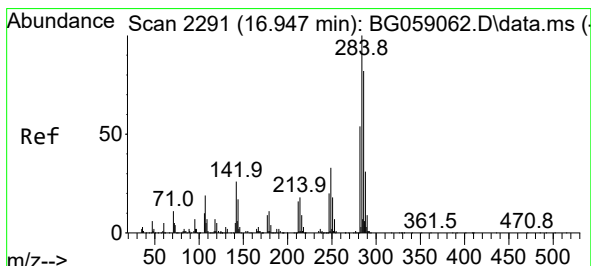
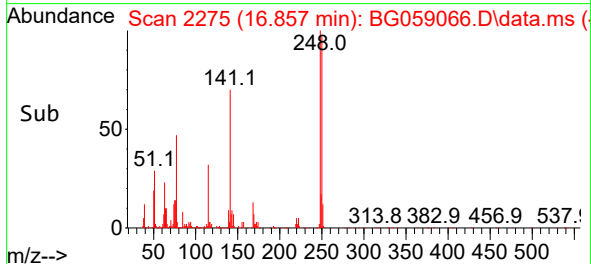
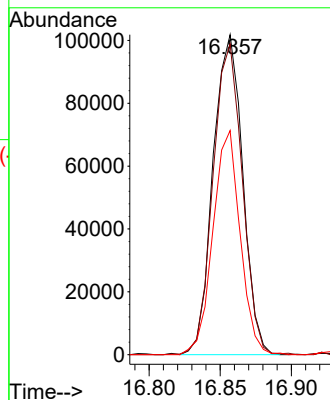
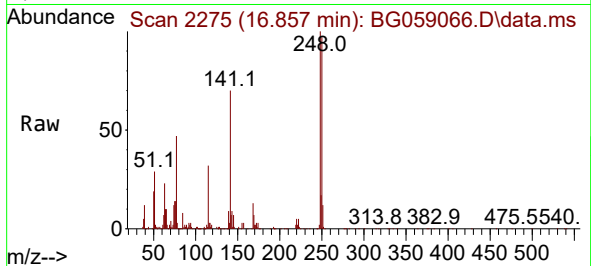




#68
4-Bromophenyl-phenylether
Concen: 19.219 ng/ul
RT: 16.857 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

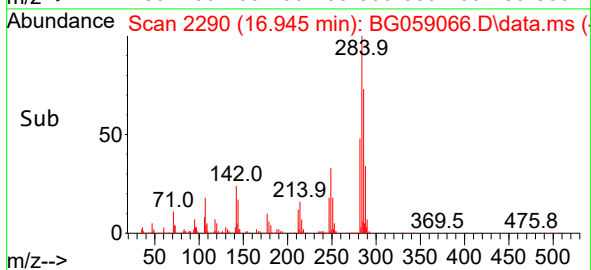
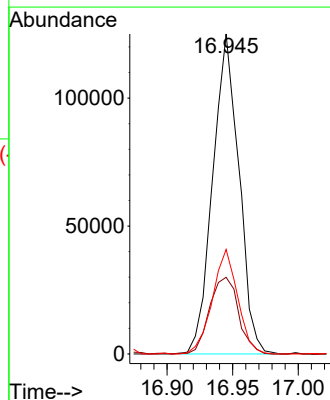
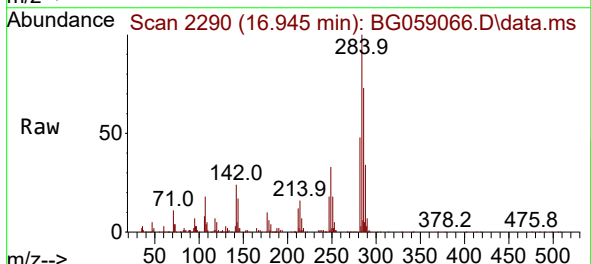
Instrument :
BNA_G
ClientSampleId :
SICV420

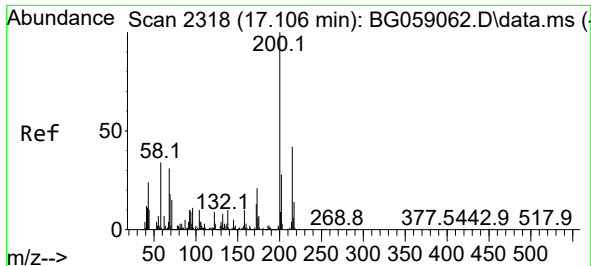
Tgt Ion:248 Resp: 147282
Ion Ratio Lower Upper
248 100
250 97.1 86.2 129.4
141 70.1 49.4 74.2



#69
Hexachlorobenzene
Concen: 20.710 ng/ul
RT: 16.945 min Scan# 2290
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion:284 Resp: 173451
Ion Ratio Lower Upper
284 100
142 23.9 21.2 31.8
249 32.7 26.7 40.1

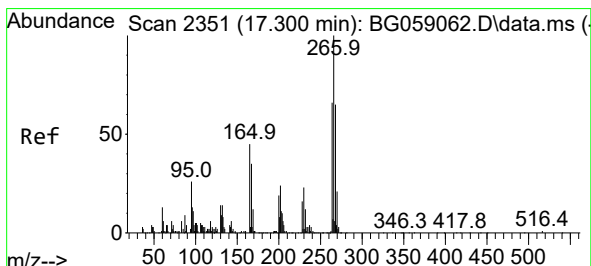
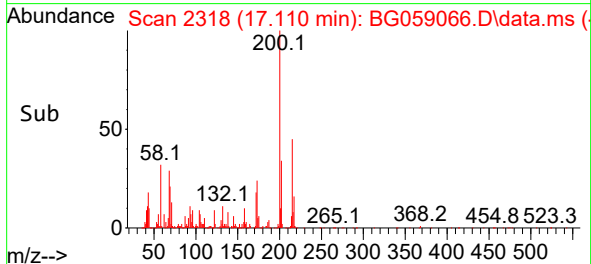
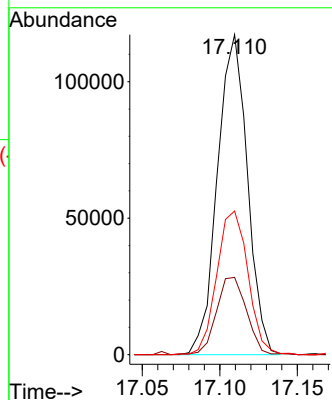
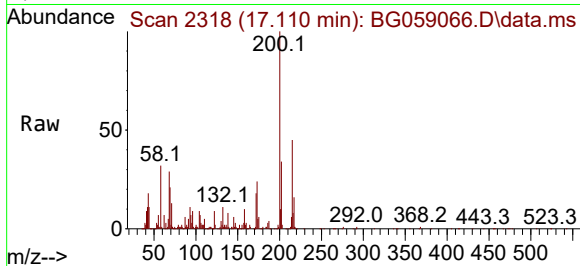




#70
Atrazine
Concen: 21.677 ng/ul
RT: 17.110 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

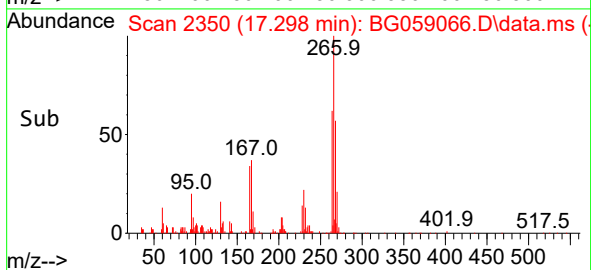
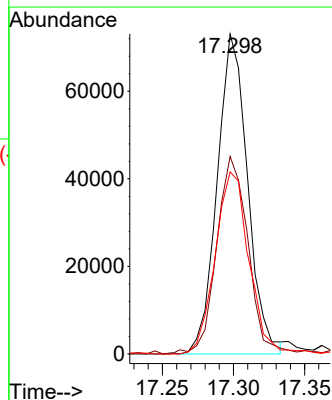
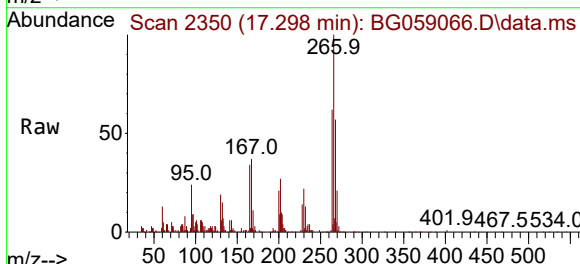
Instrument :
BNA_G
ClientSampleId :
SICV420

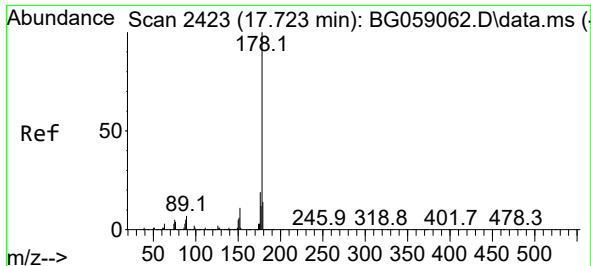
Tgt Ion:200 Resp: 157507
Ion Ratio Lower Upper
200 100
173 24.2 17.0 25.6
215 44.9 33.4 50.0



#71
Pentachlorophenol
Concen: 20.205 ng/ul
RT: 17.298 min Scan# 2350
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion:266 Resp: 108779
Ion Ratio Lower Upper
266 100
264 61.7 52.6 78.8
268 56.9 51.8 77.6

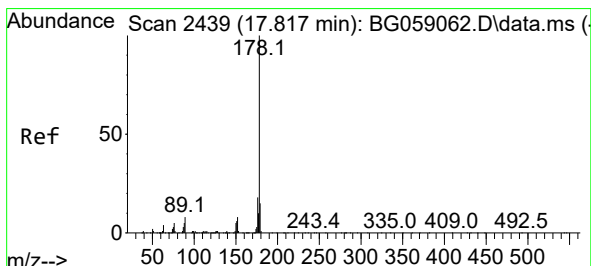
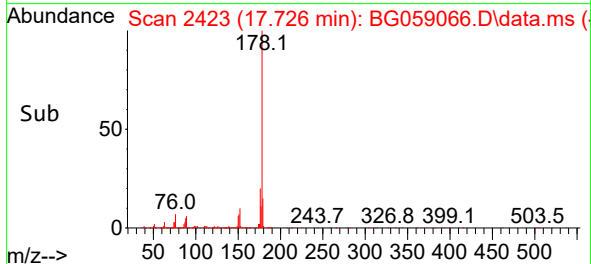
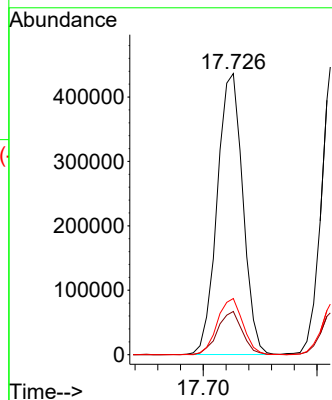
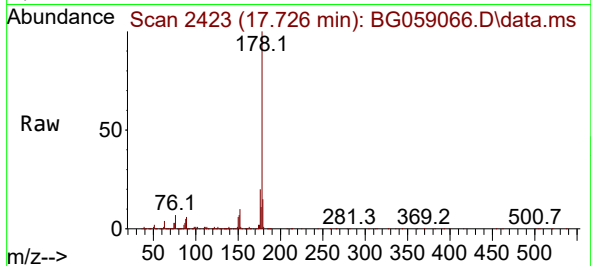




#72
Phenanthrene
Concen: 20.700 ng/ul
RT: 17.726 min Scan# 2423
Delta R.T. 0.003 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

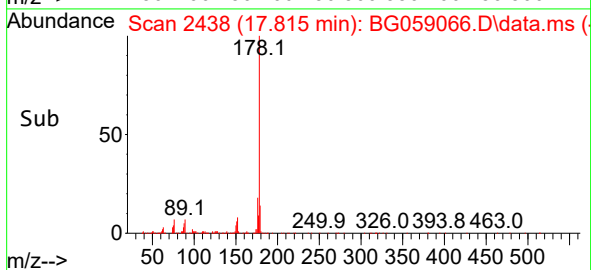
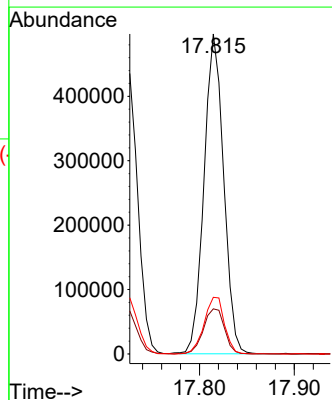
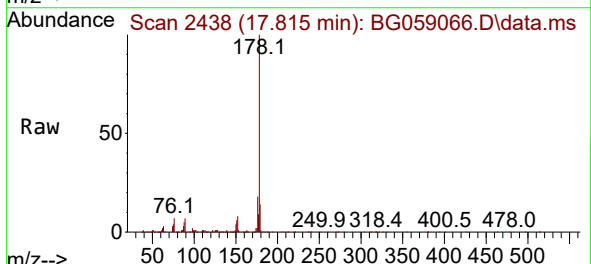
Instrument :
BNA_G
ClientSampleId :
SICV420

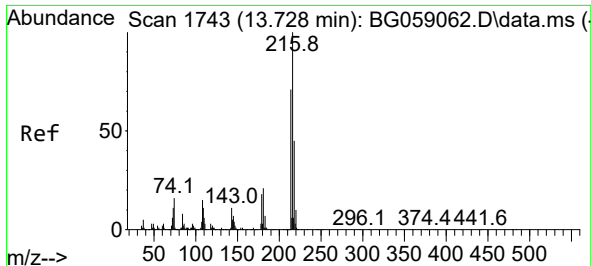
Tgt Ion:178 Resp: 683618
Ion Ratio Lower Upper
178 100
179 15.4 11.4 17.0
176 20.0 15.0 22.6



#74
Anthracene
Concen: 20.847 ng/ul
RT: 17.815 min Scan# 2438
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion:178 Resp: 712406
Ion Ratio Lower Upper
178 100
179 14.1 11.9 17.9
176 17.7 14.3 21.5

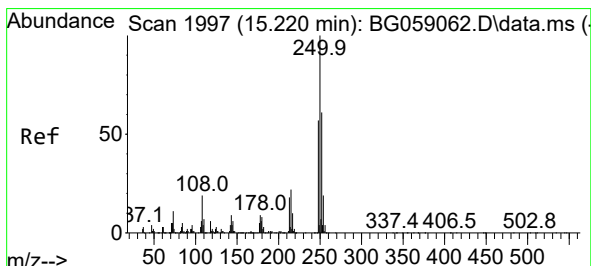
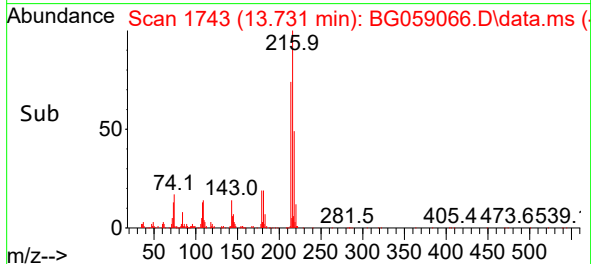
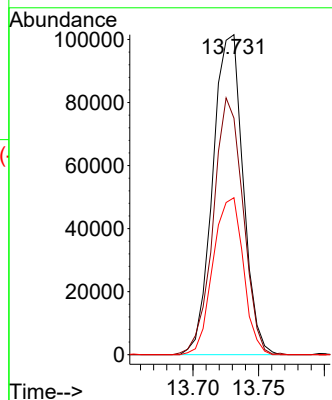
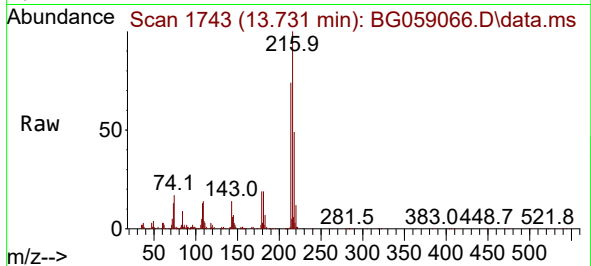




#75
1,2,3,4-Tetrachlorobenzene
Concen: 18.828 ng/uL
RT: 13.731 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

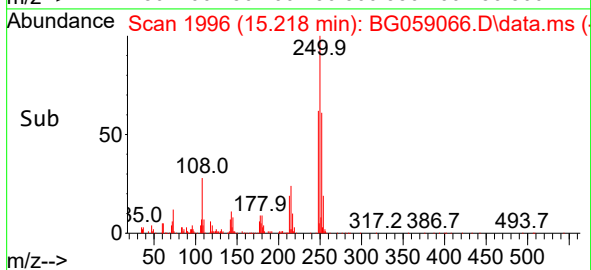
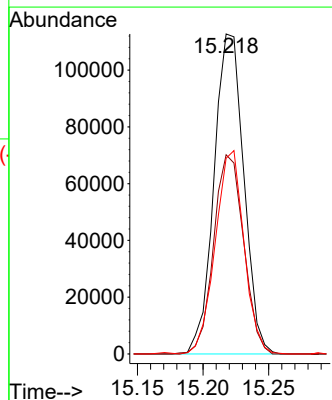
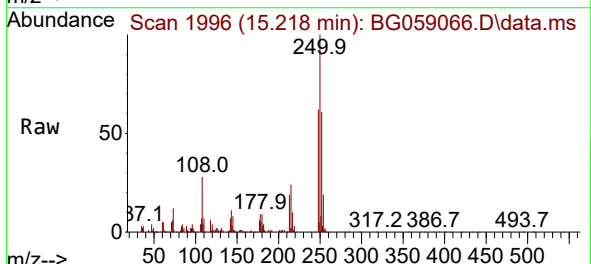
Instrument :
BNA_G
ClientSampleId :
SICV420

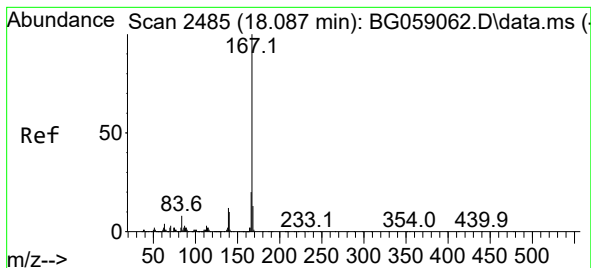
Tgt Ion:216 Resp: 163064
Ion Ratio Lower Upper
216 100
214 73.9 56.4 84.6
218 49.1 36.2 54.4



#76
Pentachlorobenzene
Concen: 19.647 ng/uL
RT: 15.218 min Scan# 1996
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion:250 Resp: 177957
Ion Ratio Lower Upper
250 100
248 62.2 45.8 68.8
252 61.1 48.6 73.0





#77

Carbazole

Concen: 21.750 ng/ul

RT: 18.091 min Scan# 2485

Delta R.T. 0.003 min

Lab File: BG059066.D

Acq: 14 Sep 2023 16:07

Instrument :

BNA_G

ClientSampleId :

SICV420

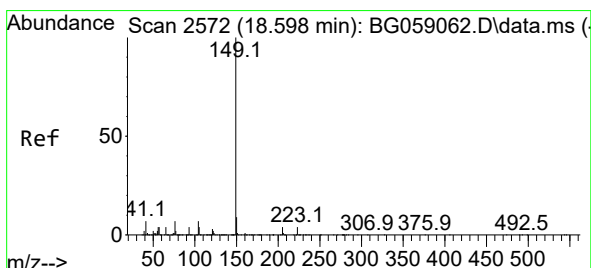
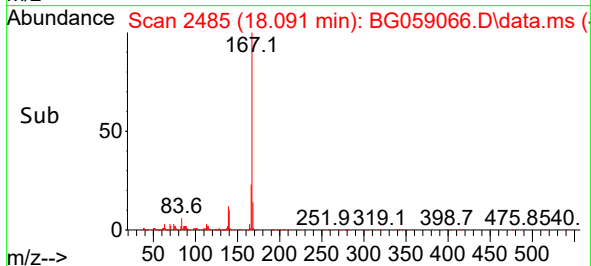
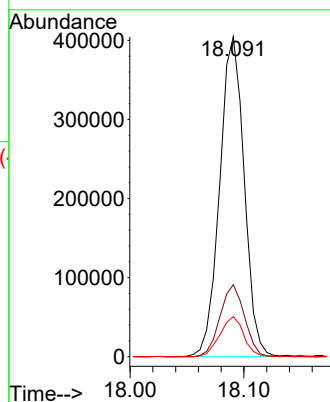
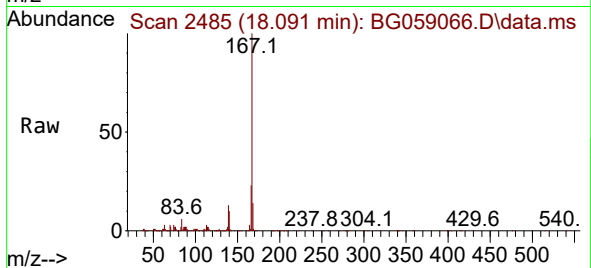
Tgt Ion:167 Resp: 605383

Ion Ratio Lower Upper

167 100

166 22.5 16.2 24.4

139 12.5 9.3 13.9



#78

Di-n-butylphthalate

Concen: 20.680 ng/ul

RT: 18.596 min Scan# 2571

Delta R.T. -0.002 min

Lab File: BG059066.D

Acq: 14 Sep 2023 16:07

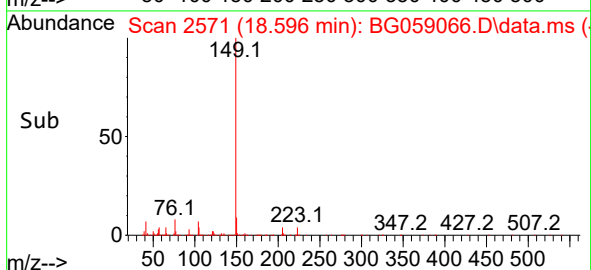
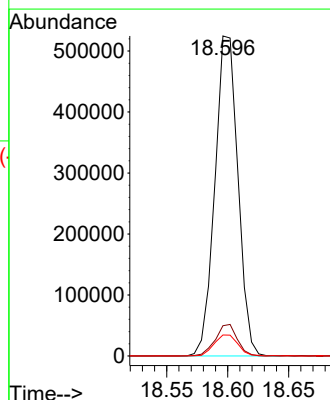
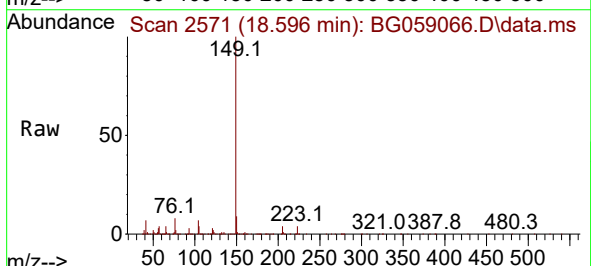
Tgt Ion:149 Resp: 690467

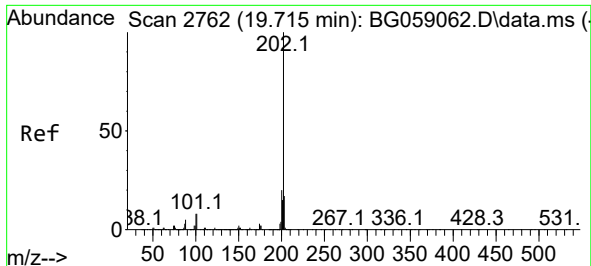
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 6.5 5.2 7.8

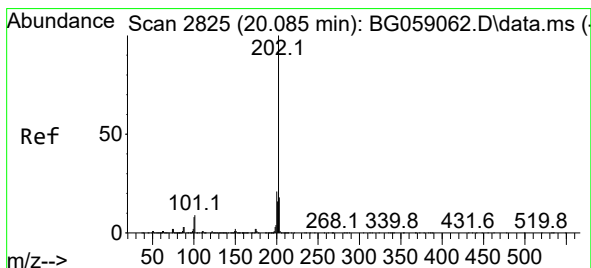
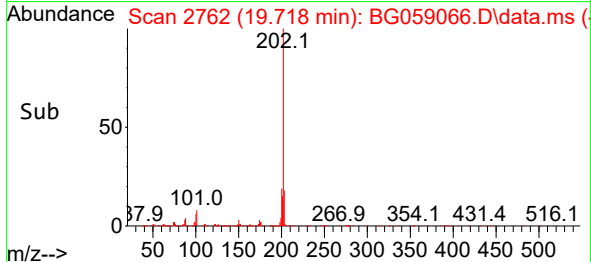
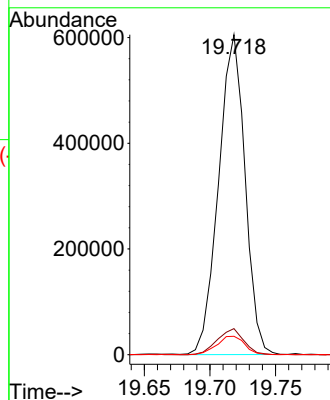
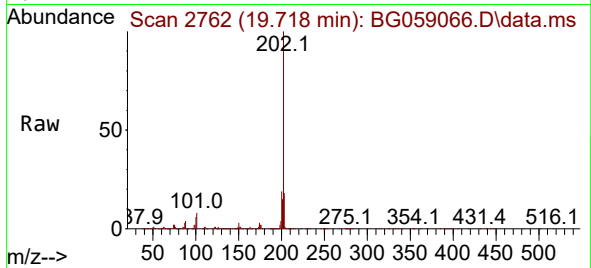




#80
Fluoranthene
Concen: 20.979 ng/ul
RT: 19.718 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

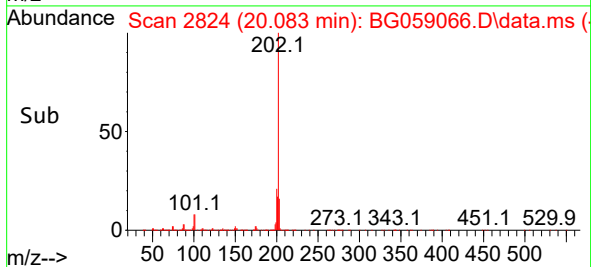
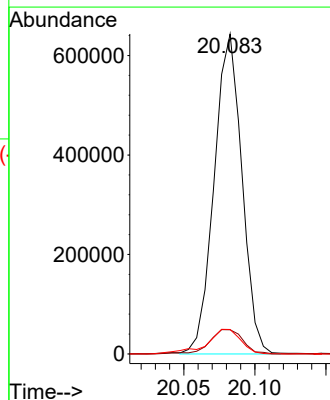
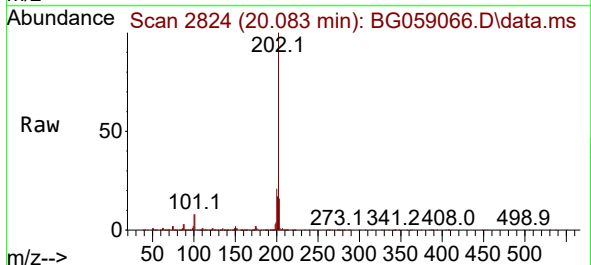
Instrument :
BNA_G
ClientSampleId :
SICV420

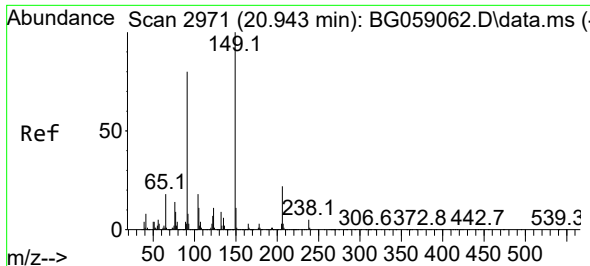
Tgt Ion:202 Resp: 847538
Ion Ratio Lower Upper
202 100
101 8.1 6.4 9.6
100 5.7 6.4 9.6#



#82
Pyrene
Concen: 20.098 ng/ul
RT: 20.083 min Scan# 2824
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion:202 Resp: 873762
Ion Ratio Lower Upper
202 100
101 7.6 7.2 10.8
100 7.7 6.5 9.7

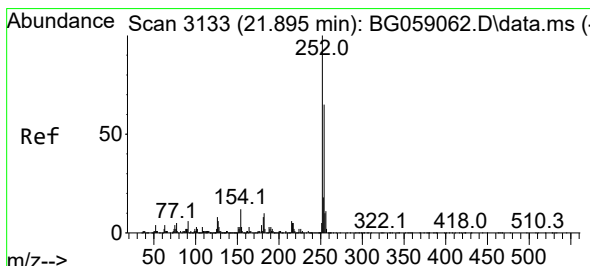
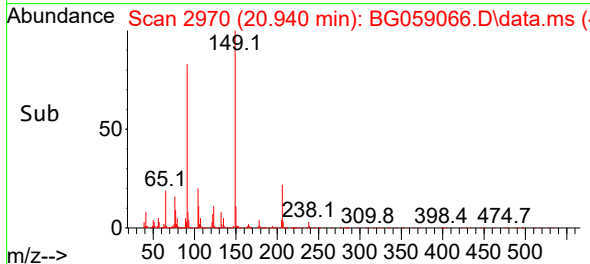
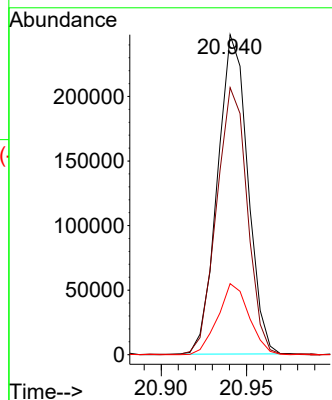
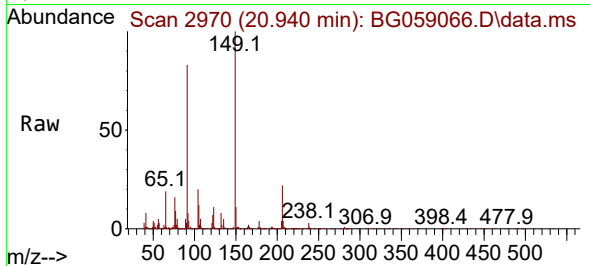




#83
Butylbenzylphthalate
Concen: 19.780 ng/ul
RT: 20.940 min Scan# 2971
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

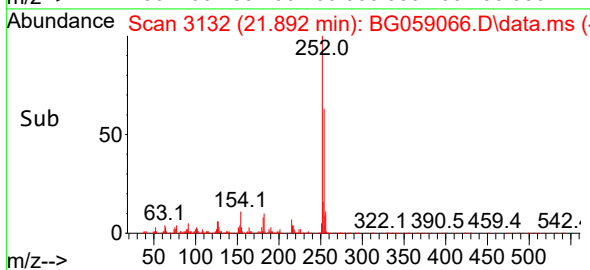
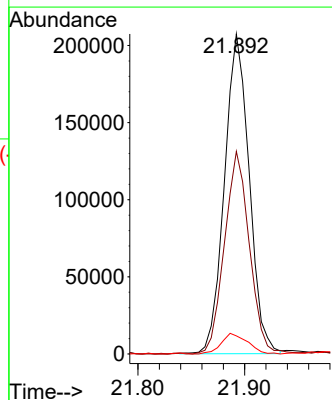
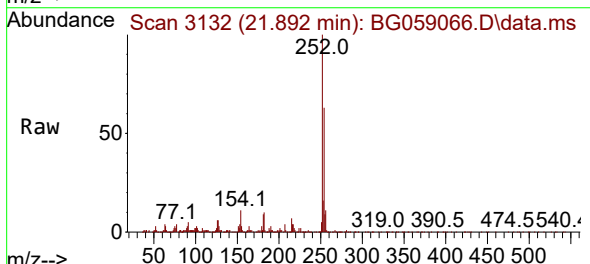
Instrument :
BNA_G
ClientSampleId :
SICV420

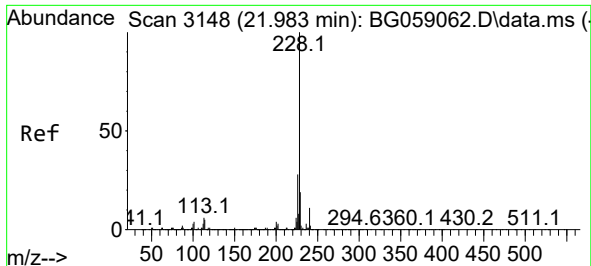
Tgt Ion:149 Resp: 305252
Ion Ratio Lower Upper
149 100
91 83.5 64.2 96.2
206 22.2 17.9 26.9



#84
3,3'-Dichlorobenzidine
Concen: 22.362 ng/ul
RT: 21.892 min Scan# 3132
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion:252 Resp: 334232
Ion Ratio Lower Upper
252 100
254 63.3 51.8 77.6
126 5.7 6.5 9.7#

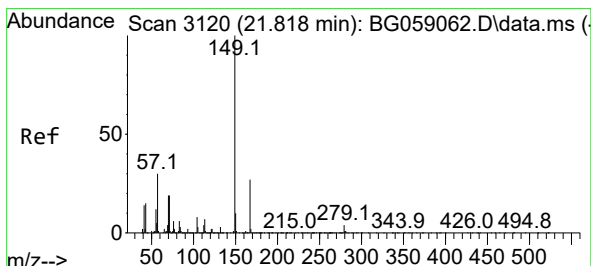
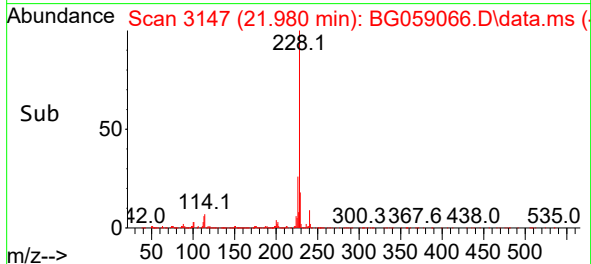
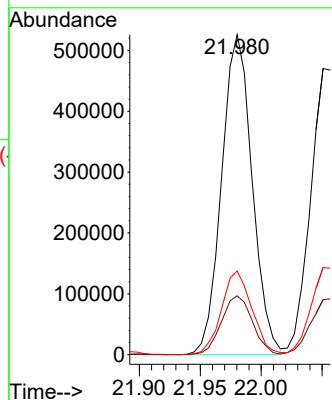
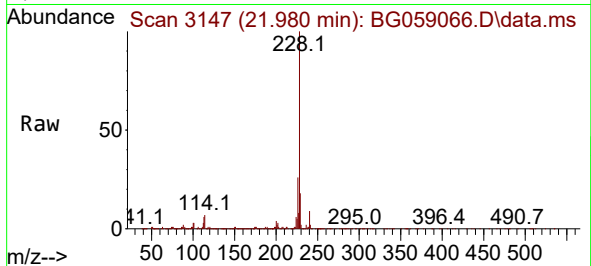




#85
Benzo(a)anthracene
Concen: 20.385 ng/ul
RT: 21.980 min Scan# 3148
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

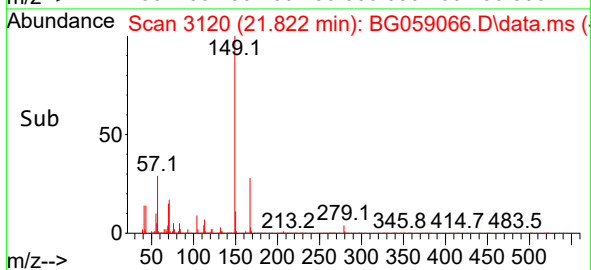
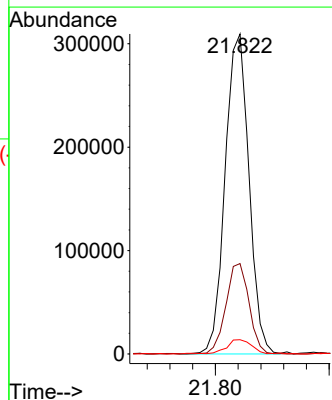
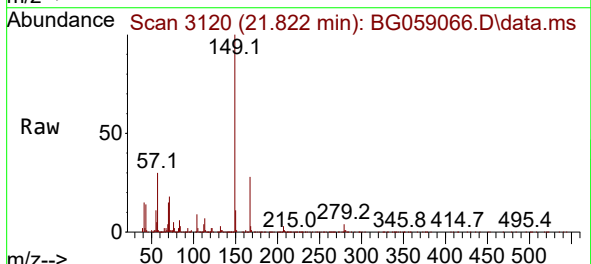
Instrument :
BNA_G
ClientSampleId :
SICV420

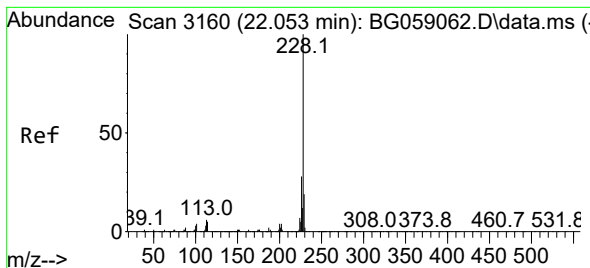
Tgt Ion:228 Resp: 916138
Ion Ratio Lower Upper
228 100
229 18.4 15.4 23.0
226 26.1 22.2 33.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 20.140 ng/ul
RT: 21.822 min Scan# 3120
Delta R.T. 0.003 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion:149 Resp: 449510
Ion Ratio Lower Upper
149 100
167 28.3 22.0 33.0
279 4.4 3.4 5.0





#87

Chrysene

Concen: 20.142 ng/ul

RT: 22.051 min Scan# 3160

Delta R.T. -0.002 min

Lab File: BG059066.D

Acq: 14 Sep 2023 16:07

Instrument :

BNA_G

ClientSampleId :

SICV420

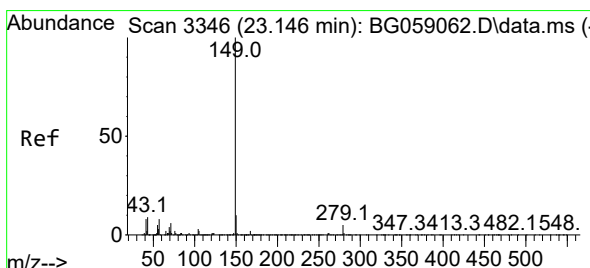
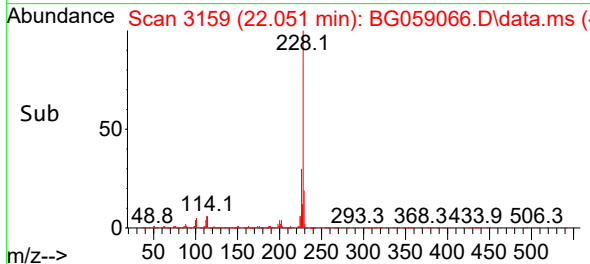
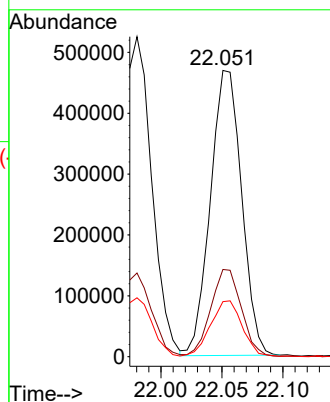
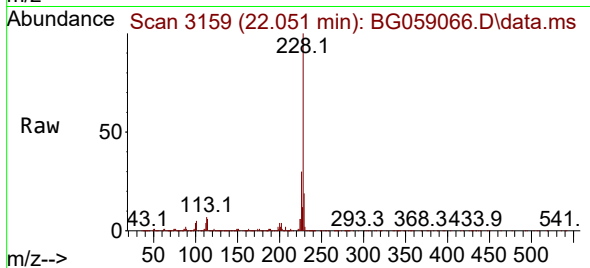
Tgt Ion:228 Resp: 837550

Ion Ratio Lower Upper

228 100

226 30.5 22.6 33.8

229 19.2 15.4 23.2



#89

Di-n-octyl phthalate

Concen: 20.452 ng/ul

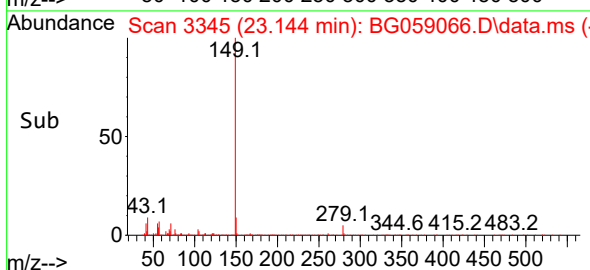
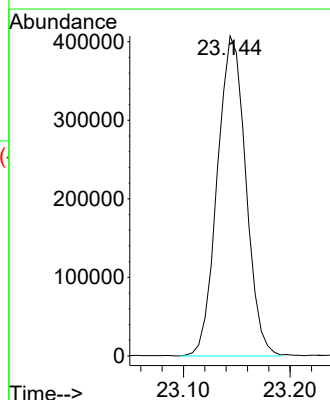
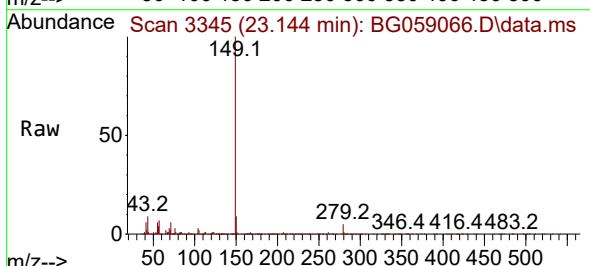
RT: 23.144 min Scan# 3345

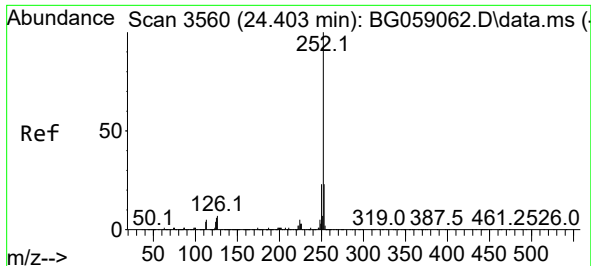
Delta R.T. -0.002 min

Lab File: BG059066.D

Acq: 14 Sep 2023 16:07

Tgt Ion:149 Resp: 755805

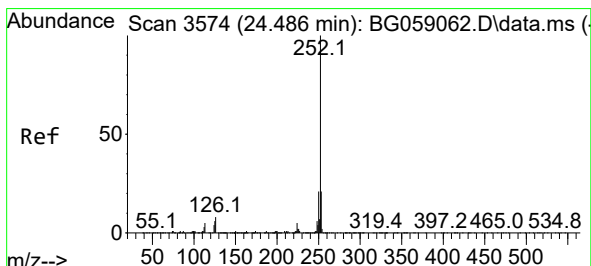
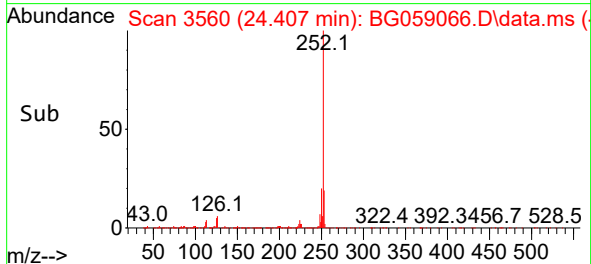
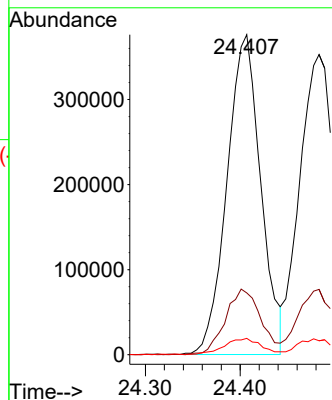
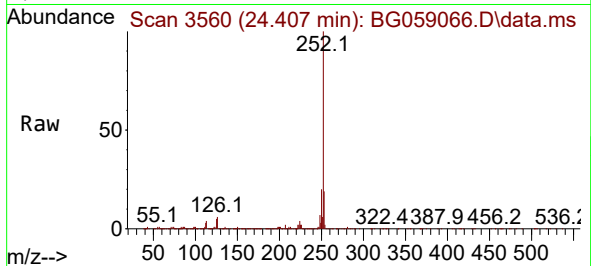




#90
Benzo(b)fluoranthene
Concen: 20.905 ng/ul
RT: 24.407 min Scan# 3560
Delta R.T. 0.003 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

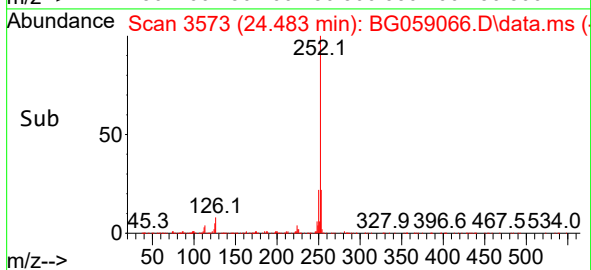
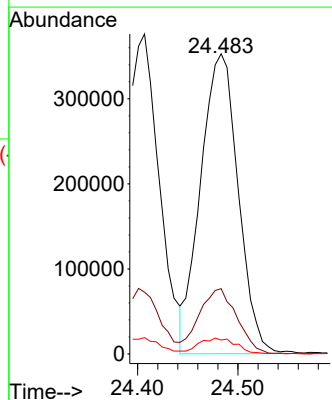
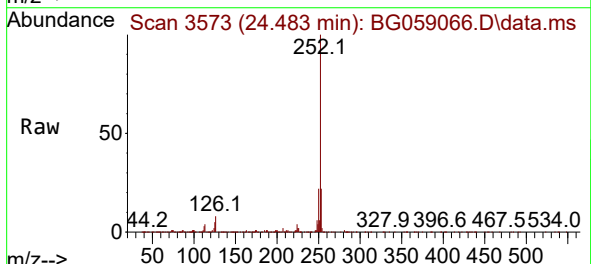
Instrument :
BNA_G
ClientSampleId :
SICV420

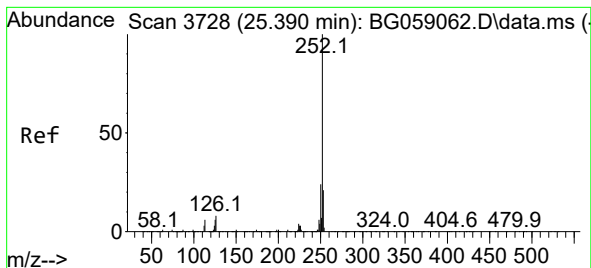
Tgt Ion:252 Resp: 929937
Ion Ratio Lower Upper
252 100
253 19.3 18.6 28.0
125 5.1 4.9 7.3



#91
Benzo(k)fluoranthene
Concen: 20.220 ng/ul
RT: 24.483 min Scan# 3573
Delta R.T. -0.002 min
Lab File: BG059066.D
Acq: 14 Sep 2023 16:07

Tgt Ion:252 Resp: 916233
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 4.6 4.5 6.7





#93

Benzo(a)pyrene

Concen: 20.448 ng/ul

RT: 25.382 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG059066.D

Acq: 14 Sep 2023 16:07

Instrument :

BNA_G

ClientSampleId :

SICV420

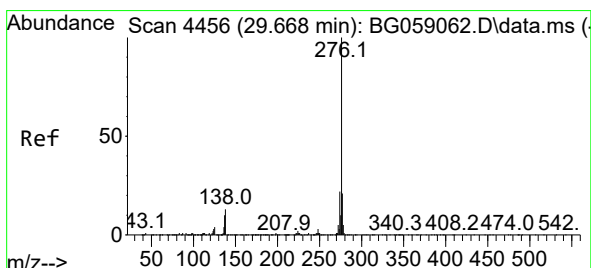
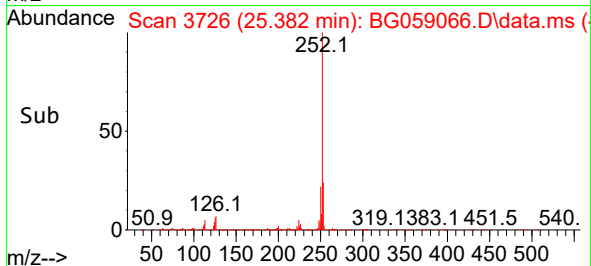
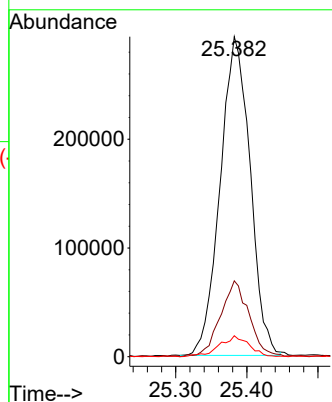
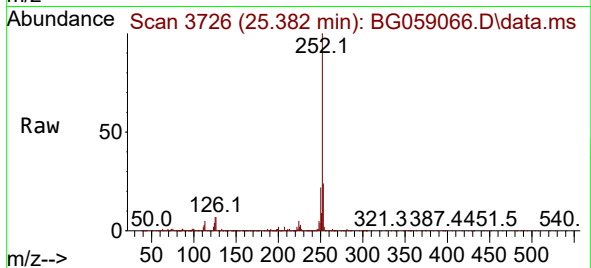
Tgt Ion:252 Resp: 856848

Ion Ratio Lower Upper

252 100

253 23.7 17.0 25.6

125 6.5 4.9 7.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 17.951 ng/ul

RT: 29.660 min Scan# 4454

Delta R.T. -0.008 min

Lab File: BG059066.D

Acq: 14 Sep 2023 16:07

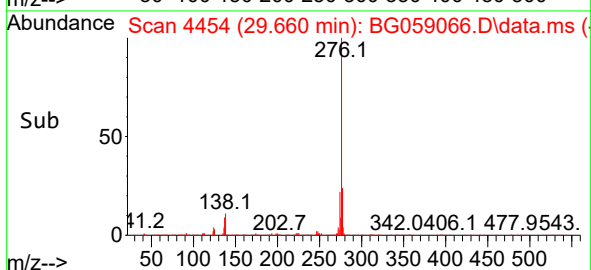
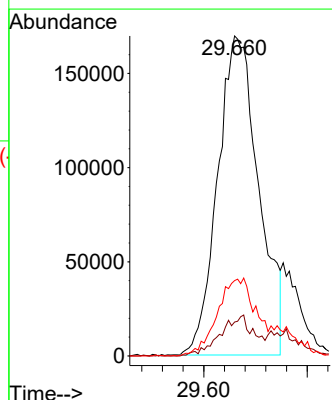
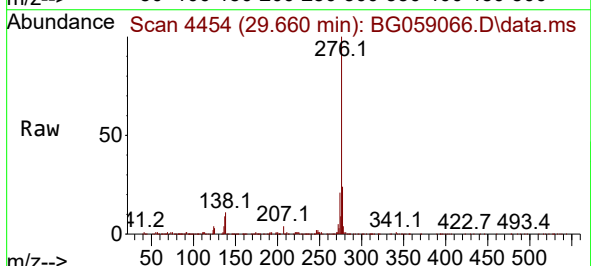
Tgt Ion:276 Resp: 934197

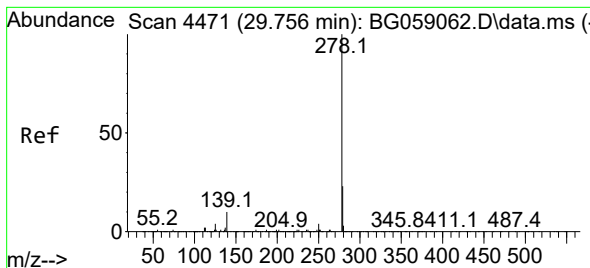
Ion Ratio Lower Upper

276 100

138 10.6 10.3 15.5

277 23.6 16.7 25.1





#95

Dibenzo(a,h)anthracene

Concen: 19.939 ng/ul

RT: 29.759 min Scan# 4471

Delta R.T. 0.003 min

Lab File: BG059066.D

Acq: 14 Sep 2023 16:07

Instrument :

BNA_G

ClientSampleId :

SICV420

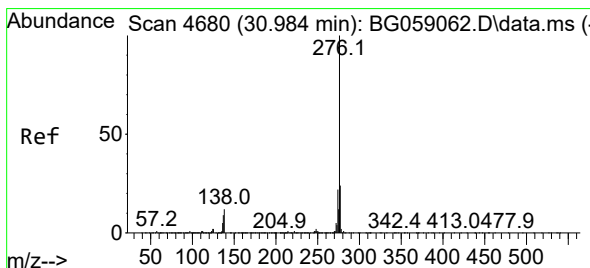
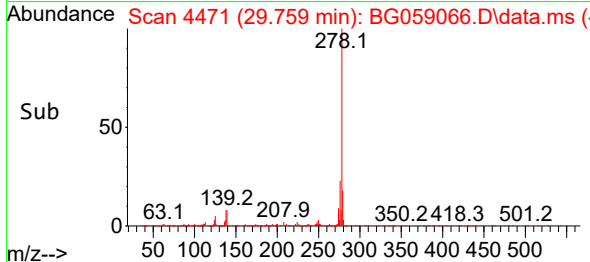
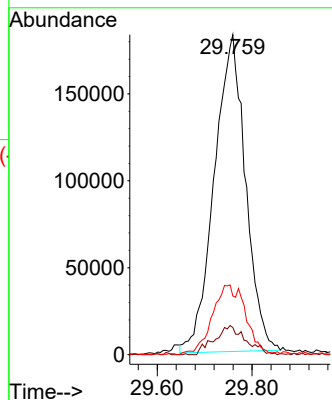
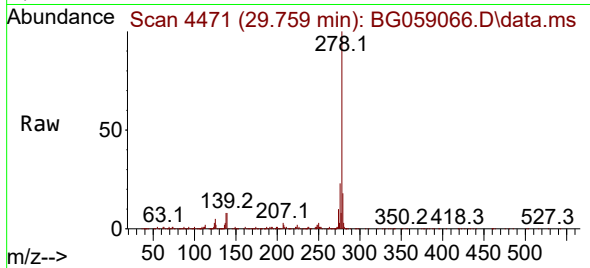
Tgt Ion:278 Resp: 834268

Ion Ratio Lower Upper

278 100

139 8.5 7.9 11.9

279 18.4 18.6 28.0#



#96

Benzo(g,h,i)perylene

Concen: 19.775 ng/ul

RT: 30.970 min Scan# 4677

Delta R.T. -0.014 min

Lab File: BG059066.D

Acq: 14 Sep 2023 16:07

Tgt Ion:276 Resp: 828657

Ion Ratio Lower Upper

276 100

138 9.6 9.9 14.9#

277 26.1 19.3 28.9

