

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091923\
 Data File : BG059098.D
 Acq On : 19 Sep 2023 21:06
 Operator : MA/JU
 Sample : SSTD16030
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD160433

Quant Time: Sep 20 03:53:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 03:48:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	32878	20.000	ng/ul	0.00
20) Naphthalene-d8	11.143	136	158469	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.933	164	96746	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.683	188	212354	20.000	ng/ul	0.00
79) Chrysene-d12	22.007	240	179134	20.000	ng/ul	0.01
88) Perylene-d12	25.433	264	285	20.000	ng/ul	-0.11
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.611	96	53431	70.860	ng/uL	0.00
4) Pyridine-d5	4.040	84	392887	152.549	ng/ul	0.00
7) Phenol-d5	7.424	99	508963	155.991	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.630	67	304454	151.161	ng/ul	0.01
11) 2-Chlorophenol-d4	7.824	132	388471	159.535	ng/ul	0.01
15) 4-Methylphenol-d8	8.999	113	402121	151.236	ng/ul	0.02
21) Nitrobenzene-d5	9.510	128	207630	161.189	ng/ul	0.02
24) 2-Nitrophenol-d4	10.227	143	222202	175.137	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.750	165	388292	157.874	ng/ul	0.01
31) 4-Chloroaniline-d4	11.296	131	562306	146.463	ng/ul	0.01
46) Dimethylphthalate-d6	14.334	166	1120520	150.134	ng/ul	0.01
49) Acenaphthylene-d8	14.639	160	1388367	168.354	ng/ul	0.01
54) 4-Nitrophenol-d4	15.133	143	217831	150.150	ng/ul	0.03
60) Fluorene-d10	15.920	176	1009075	155.114	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.049	200	207291	171.129	ng/ul	0.03
73) Anthracene-d10	17.789	188	1442944	149.281	ng/ul	0.01
81) Pyrene-d10	20.056	212	1524556	148.650	ng/ul	0.01
92) Benzo(a)pyrene-d12	25.327	264	1537336	109289.011	ng/ul	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.646	88	57722	55.267	ng/uL#	81
5) Pyridine	4.063	79	392866	149.958	ng/ul	98
6) Benzaldehyde	7.448	77	200223	116.875	ng/ul	95
8) Phenol	7.454	94	515313	152.827	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.724	93	408087	155.051	ng/ul	97
12) 2-Chlorophenol	7.853	128	402111	160.254	ng/ul	97
13) 2-Methylphenol	8.723	108	384318	142.140	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.811	45	853615	154.123	ng/ul	100
16) Acetophenone	9.157	105	604805	140.973	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.134	70	299178	132.816	ng/ul	94
18) 4-Methylphenol	9.075	108	420054	141.716	ng/ul	93
19) Hexachloroethane	9.387	117	150518	149.198	ng/ul	95
22) Nitrobenzene	9.551	77	445182	143.141	ng/ul	95
23) Isophorone	10.074	82	906273	144.574	ng/ul	99
25) 2-Nitrophenol	10.256	139	229070	161.568	ng/ul	98
26) 2,4-Dimethylphenol	10.280	107	411664	147.062	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.544	93	568317	155.246	ng/ul	99
29) 2,4-Dichlorophenol	10.779	162	382362	154.152	ng/ul	93
30) Naphthalene	11.202	128	1318232	154.071	ng/ul	99
32) 4-Chloroaniline	11.326	127	548298	148.446	ng/ul	97
33) Hexachlorobutadiene	11.431	225	246924	169.255	ng/ul#	89
34) Caprolactam	12.148	113	67534	70.758	ng/ul#	63
35) 4-Chloro-3-methylphenol	12.401	107	390058	135.074	ng/ul	98
36) 2-Methylnaphthalene	12.783	142	865688	149.417	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.000	142	870862	147.202	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.123	216	452859	173.857	ng/ul	98
40) Hexachlorocyclopentadiene	13.076	237	306955	194.078	ng/ul	95
41) 2,4,6-Trichlorophenol	13.364	196	300527	160.134	ng/ul	92
42) 2,4,5-Trichlorophenol	13.441	196	326890	160.334	ng/ul	97
43) 1,1'-Biphenyl	13.776	154	1199412	168.874	ng/ul	97
44) 2-Chloronaphthalene	13.828	162	921476	158.945	ng/ul	96
45) 2-Nitroaniline	14.046	65	303682	151.955	ng/ul	99
47) Dimethylphthalate	14.387	163	1129445	149.027	ng/ul	98
48) 2,6-Dinitrotoluene	14.528	165	237509	158.352	ng/ul#	91
50) Acenaphthylene	14.669	152	1461433	152.533	ng/ul	99
51) 3-Nitroaniline	14.868	138	234099	149.672	ng/ul	99
52) Acenaphthene	15.004	153	990851	157.812	ng/ul	99
53) 2,4-Dinitrophenol	15.062	184	164664	199.301	ng/ul	93
55) 4-Nitrophenol	15.150	109	141236	135.186	ng/ul	92
56) Dibenzofuran	15.333	168	1289699	145.089	ng/ul	92
57) 2,4-Dinitrotoluene	15.309	165	327847	152.399	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.538	232	287953	158.206	ng/ul#	83
59) Diethylphthalate	15.732	149	1085487	141.011	ng/ul	100
61) Fluorene	15.985	166	1075310	141.417	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.961	204	527330	149.916	ng/ul	97
63) 4-Nitroaniline	15.985	138	12897	8.753	ng/ul#	24
66) 4,6-Dinitro-2-methylph...	16.061	198	223188	171.403	ng/ul#	97
67) N-Nitrosodiphenylamine	16.185	169	879124	143.224	ng/ul	96
68) 4-Bromophenyl-phenylether	16.860	248	314768	149.808	ng/ul	96
69) Hexachlorobenzene	16.948	284	337975	142.635	ng/ul#	92
70) Atrazine	17.125	200	318735	141.130	ng/ul	97
71) Pentachlorophenol	17.307	266	245746	161.986	ng/ul	97
72) Phenanthrene	17.730	178	1724523	145.688	ng/ul	96
74) Anthracene	17.824	178	1760831	143.618	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.729	216	469989	180.593	ng/uL	93
76) Pentachlorobenzene	15.227	250	399664	160.160	ng/uL	97
77) Carbazole	18.100	167	1506773	139.306	ng/ul	97
78) Di-n-butylphthalate	18.599	149	1773173	125.578	ng/ul	99
80) Fluoranthene	19.722	202	1878962	146.008	ng/ul	98
82) Pyrene	20.092	202	1915567	142.533	ng/ul	99
83) Butylbenzylphthalate	20.944	149	791884	147.646	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.901	252	595126	138.223	ng/ul	99
85) Benzo(a)anthracene	21.989	228	1970654	152.571	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.819	149	1206822	148.022	ng/ul	98
87) Chrysene	22.066	228	1826790	152.596	ng/ul	99
89) Di-n-octyl phthalate	23.147	149	2089032	109265.100	ng/ul	100
90) Benzo(b)fluoranthene	24.416	252	2080830	116455.924	ng/ul	99
91) Benzo(k)fluoranthene	24.416	252	2080830	116545.627	ng/ul	98
93) Benzo(a)pyrene	25.421	252	1802348	106660.288	ng/ul	98
95) Dibenzo(a,h)anthracene	29.581	278	385	25.406	ng/ul#	55
96) Benzo(g,h,i)perylene	30.803	276	347	22.421	ng/ul#	53

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

Instrument :

BNA G

ClientSampleId :

SSTD160433

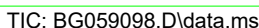
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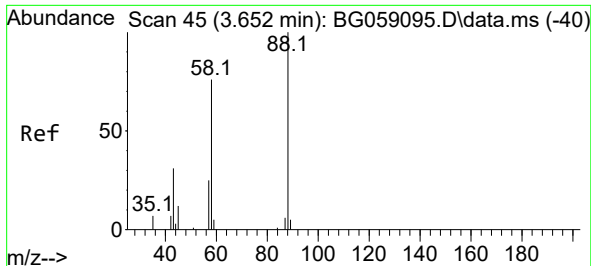
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QLast Update : Wed Sep 20 03:48:48 2023

Response via : Initial Calibration

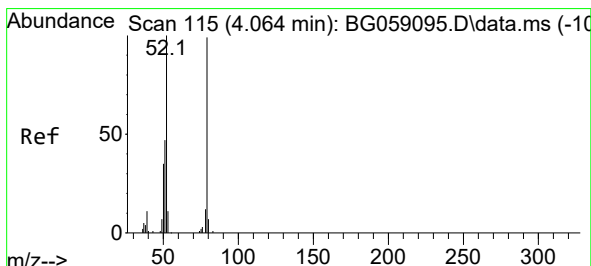
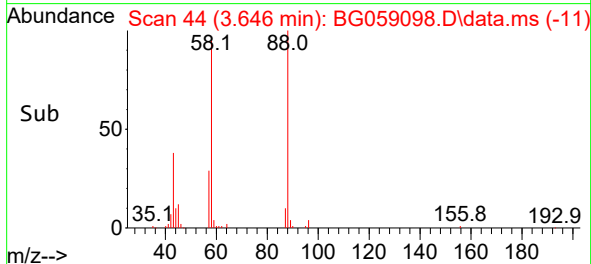
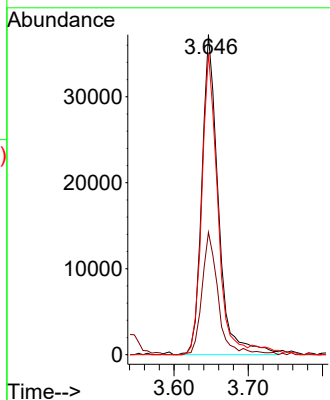
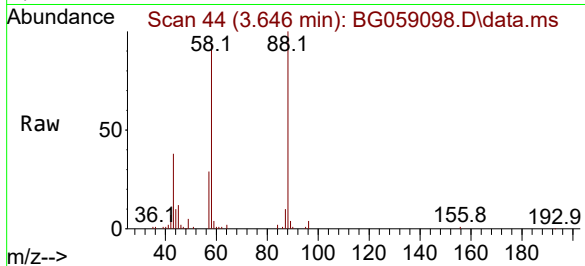




#2
1,4-Dioxane
Concen: 55.267 ng/uL
RT: 3.646 min Scan# 44
Delta R.T. -0.006 min
Lab File: BG059098.D
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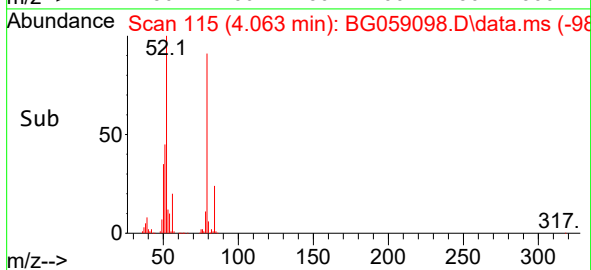
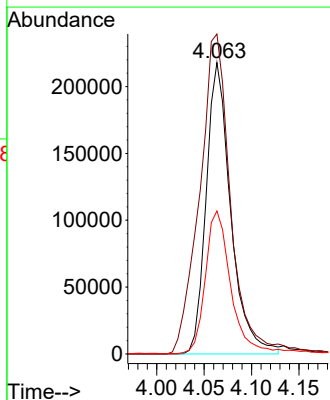
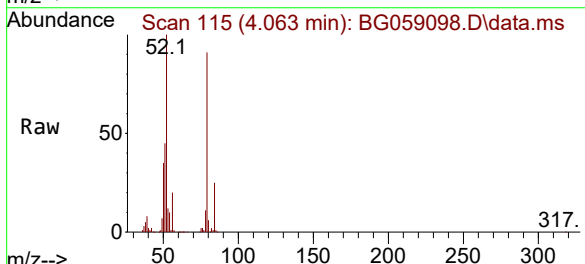
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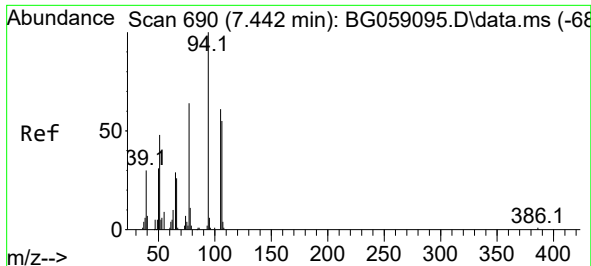
Tgt Ion: 88 Resp: 57722
Ion Ratio Lower Upper
88 100
43 38.2 24.5 36.7#
58 94.3 60.6 91.0#



#5
Pyridine
Concen: 149.958 ng/uL
RT: 4.063 min Scan# 115
Delta R.T. -0.000 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion: 79 Resp: 392866
Ion Ratio Lower Upper
79 100
52 109.8 90.6 135.8
51 49.1 39.6 59.4

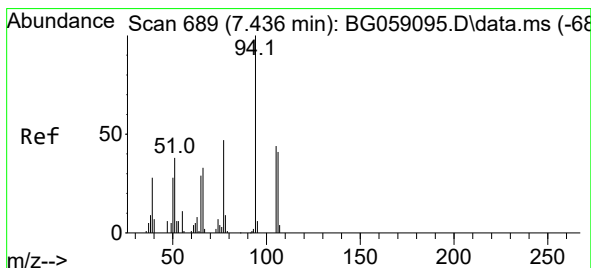
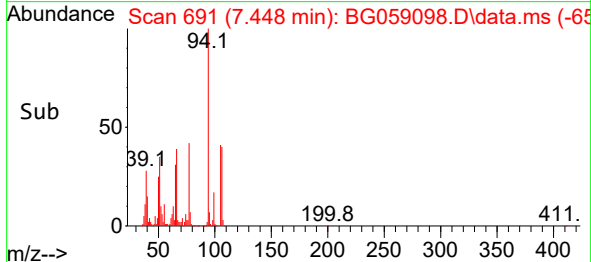
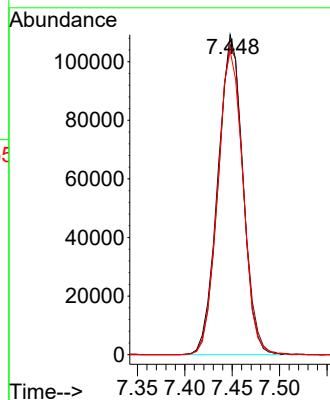
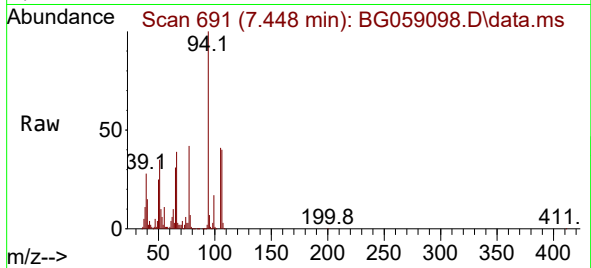




#6
Benzaldehyde
Concen: 116.875 ng/ul
RT: 7.448 min Scan# 691
Delta R.T. 0.006 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

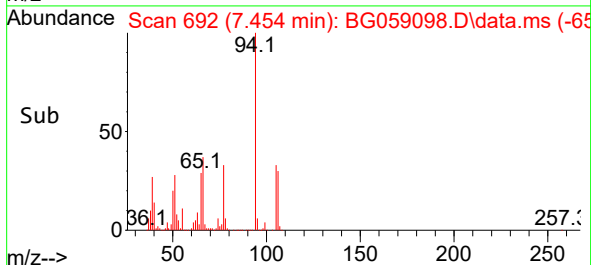
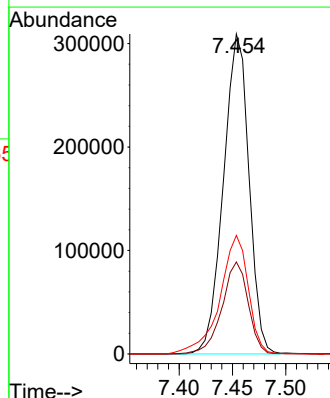
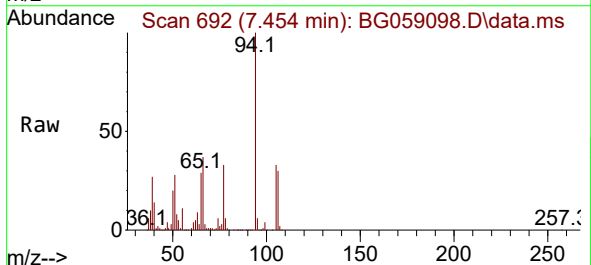
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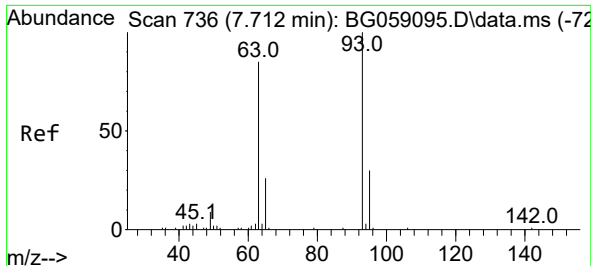
Tgt Ion: 77 Resp: 200223
Ion Ratio Lower Upper
77 100
105 96.8 76.9 115.3
106 95.0 69.4 104.0



#8
Phenol
Concen: 152.827 ng/ul
RT: 7.454 min Scan# 692
Delta R.T. 0.017 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion: 94 Resp: 515313
Ion Ratio Lower Upper
94 100
65 28.8 24.4 36.6
66 37.1 28.4 42.6

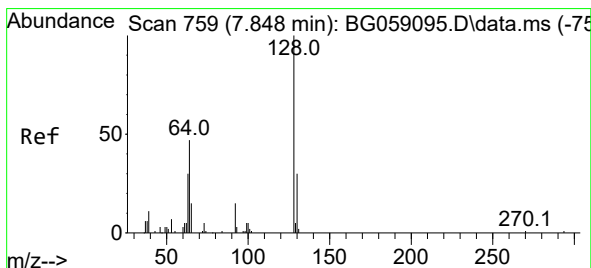
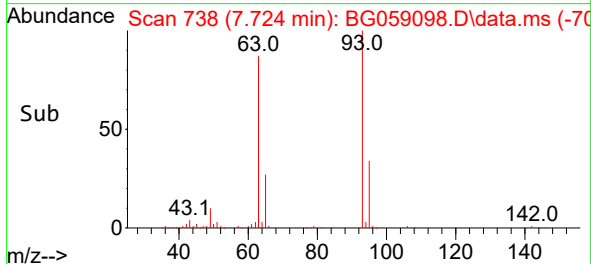
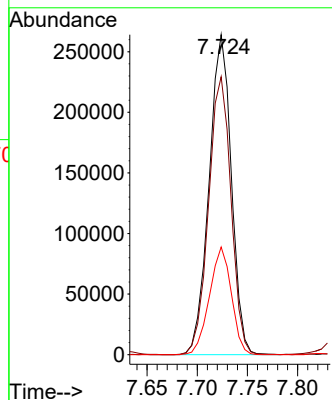
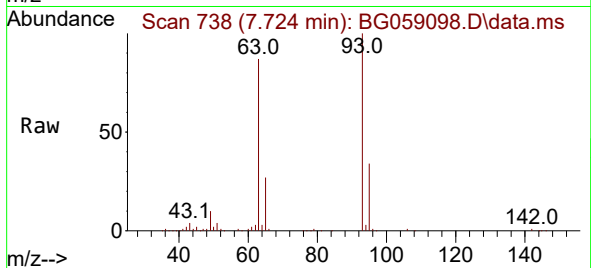




#10
Bis(2-Chloroethyl)ether
Concen: 155.051 ng/ul
RT: 7.724 min Scan# 71
Delta R.T. 0.011 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

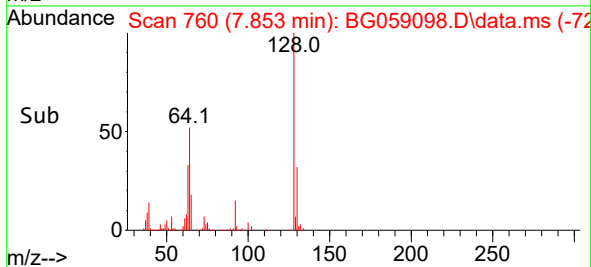
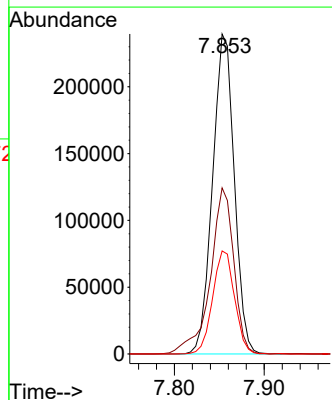
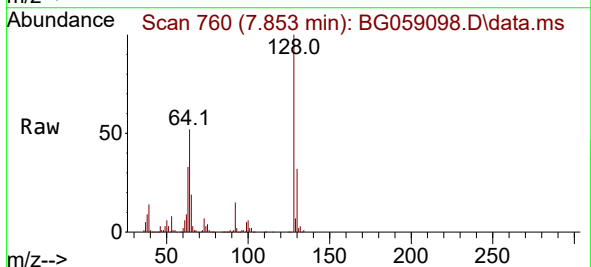
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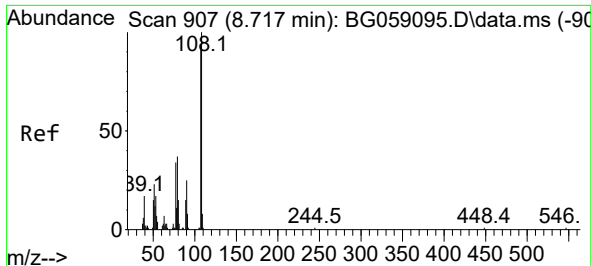
Tgt Ion: 93 Resp: 408087
Ion Ratio Lower Upper
93 100
63 86.9 68.3 102.5
95 33.7 23.8 35.8



#12
2-Chlorophenol
Concen: 160.254 ng/ul
RT: 7.853 min Scan# 760
Delta R.T. 0.006 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion:128 Resp: 402111
Ion Ratio Lower Upper
128 100
64 51.9 40.3 60.5
130 32.2 24.0 36.0

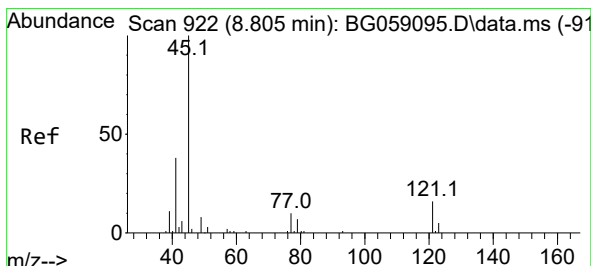
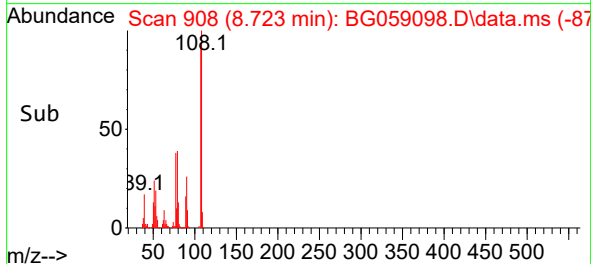
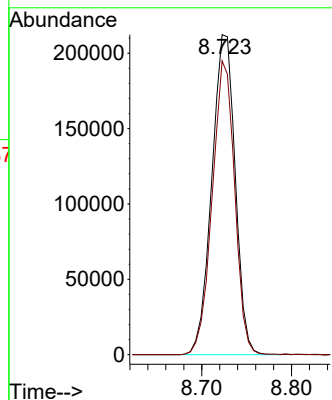
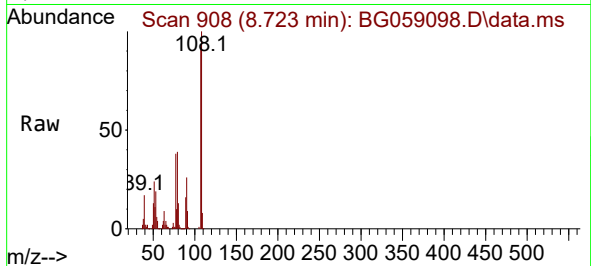




#13
2-Methylphenol
Concen: 142.140 ng/ul
RT: 8.723 min Scan# 907
Delta R.T. 0.006 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

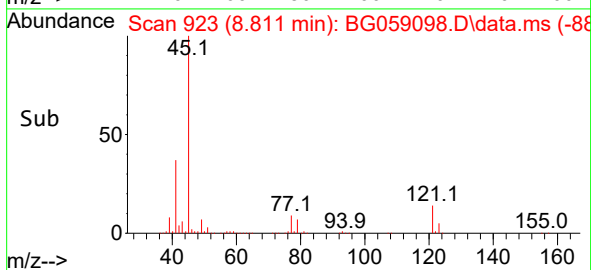
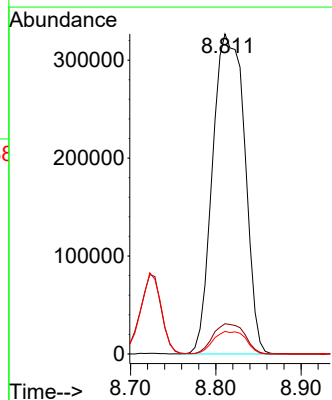
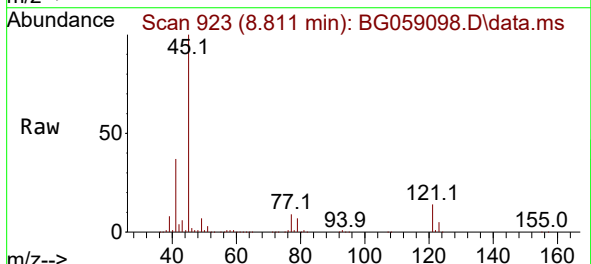
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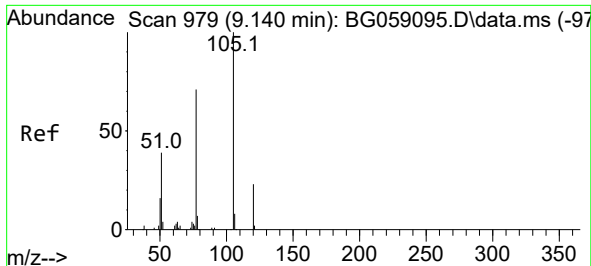
Tgt Ion:108 Resp: 384318
Ion Ratio Lower Upper
108 100
107 91.8 75.1 112.7



#14
2,2'-oxybis(1-Chloropropane)
Concen: 154.123 ng/ul
RT: 8.811 min Scan# 923
Delta R.T. 0.006 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion: 45 Resp: 853615
Ion Ratio Lower Upper
45 100
77 9.5 7.8 11.6
79 7.1 5.6 8.4

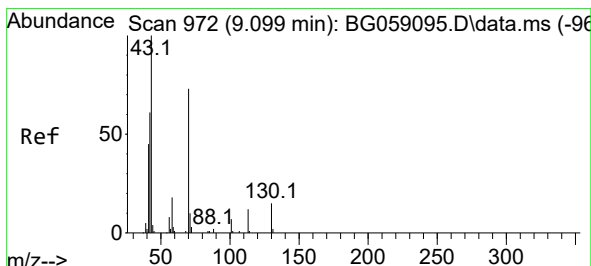
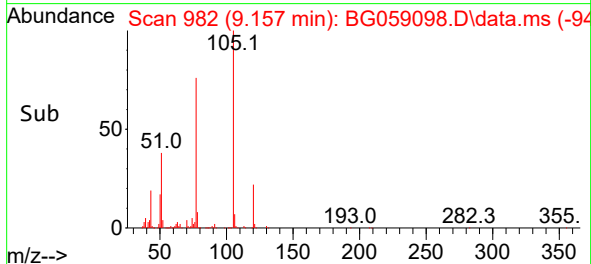
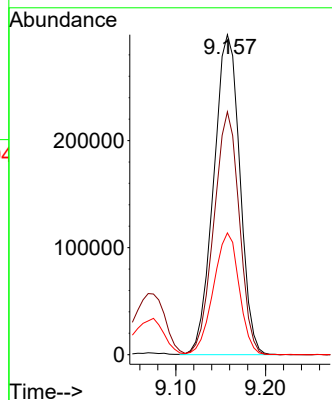
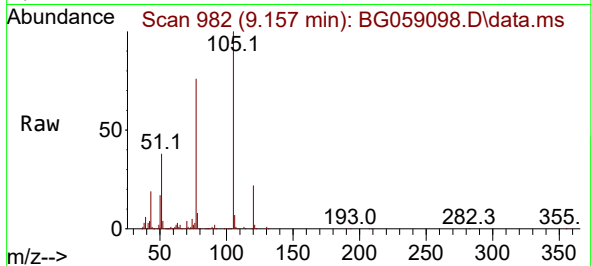




#16
Acetophenone
Concen: 140.973 ng/ul
RT: 9.157 min Scan# 91
Delta R.T. 0.017 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

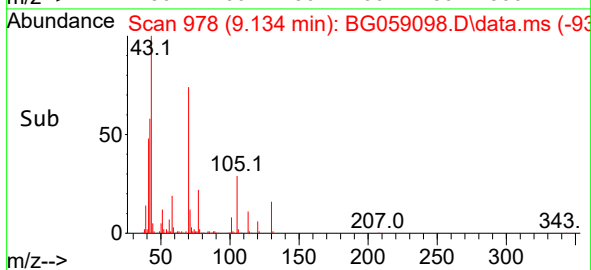
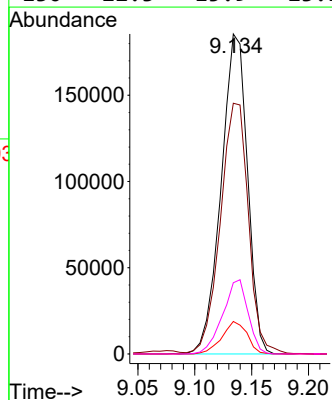
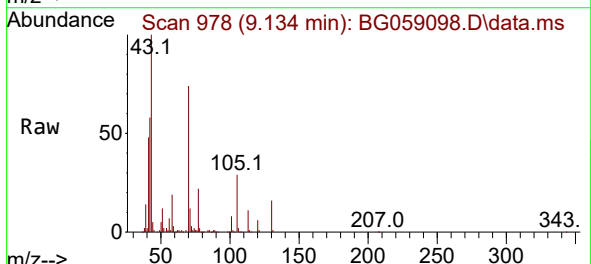
Instrument :
BNA_G
ClientSampleId :
SSTD160433

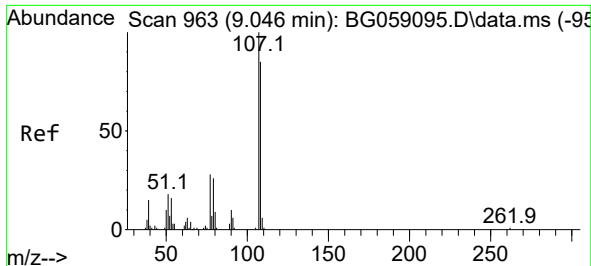
Tgt Ion:105 Resp: 604805
Ion Ratio Lower Upper
105 100
77 75.9 57.2 85.8
51 38.0 31.6 47.4



#17
N-Nitroso-di-n-propylamine
Concen: 132.816 ng/ul
RT: 9.134 min Scan# 978
Delta R.T. 0.035 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion: 70 Resp: 299178
Ion Ratio Lower Upper
70 100
42 78.4 67.1 100.7
101 10.2 7.6 11.4
130 22.3 15.9 23.9

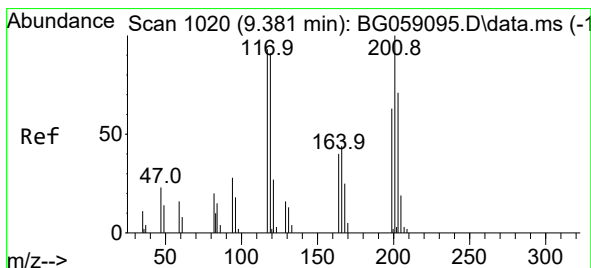
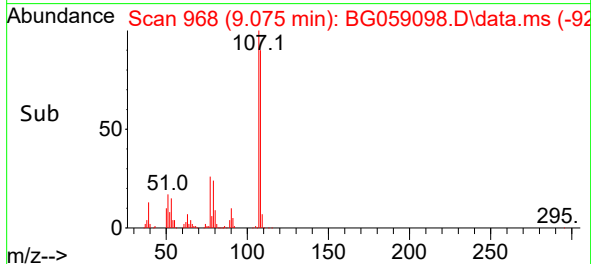
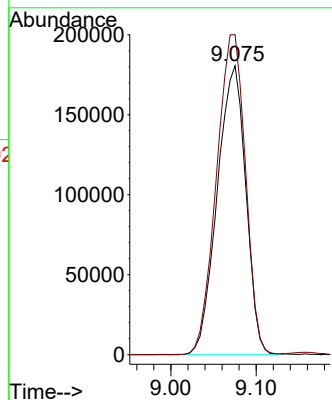
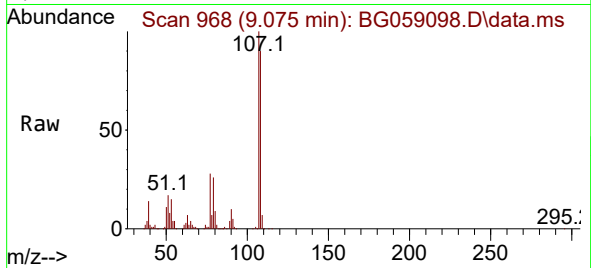




#18
4-Methylphenol
Concen: 141.716 ng/ul
RT: 9.075 min Scan# 90
Delta R.T. 0.029 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

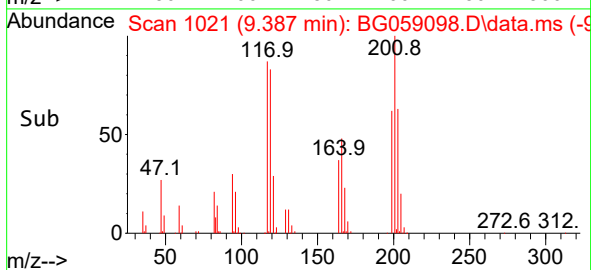
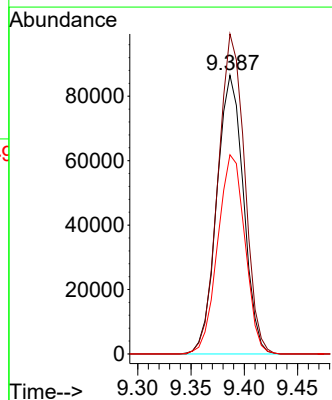
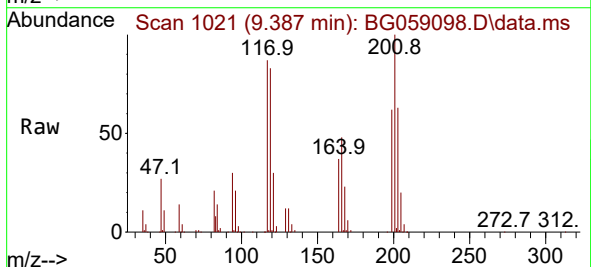
Instrument :
BNA_G
ClientSampleId :
SSTD160433

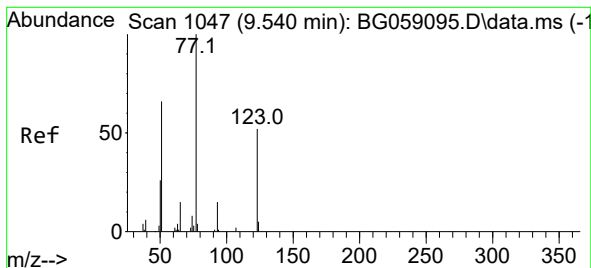
Tgt Ion:108 Resp: 420054
Ion Ratio Lower Upper
108 100
107 110.7 94.4 141.6



#19
Hexachloroethane
Concen: 149.198 ng/ul
RT: 9.387 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion:117 Resp: 150518
Ion Ratio Lower Upper
117 100
201 114.8 86.4 129.6
199 71.4 56.2 84.2

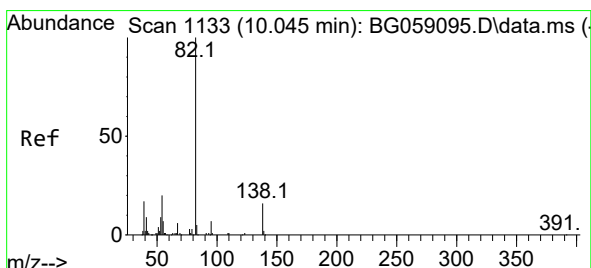
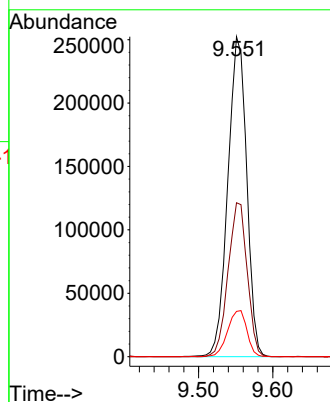
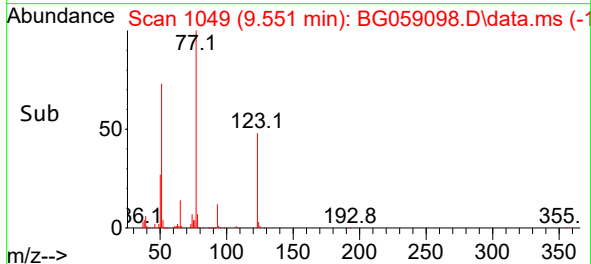
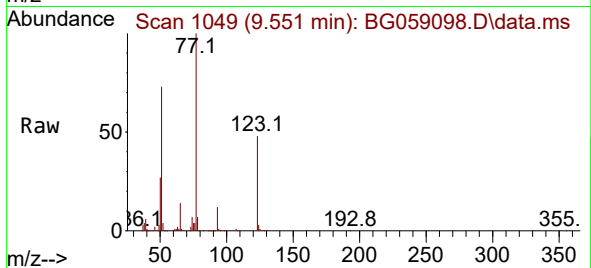




#22
Nitrobenzene
Concen: 143.141 ng/ul
RT: 9.551 min Scan# 1049
Delta R.T. 0.011 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

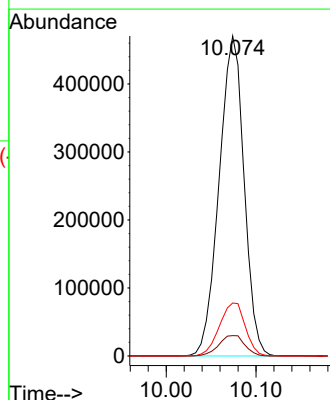
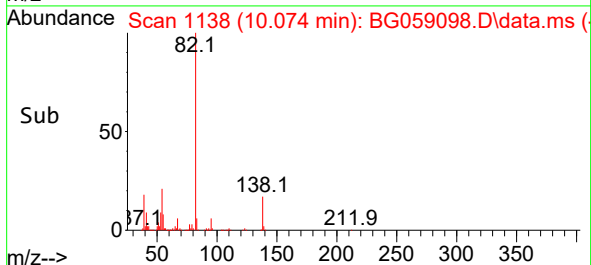
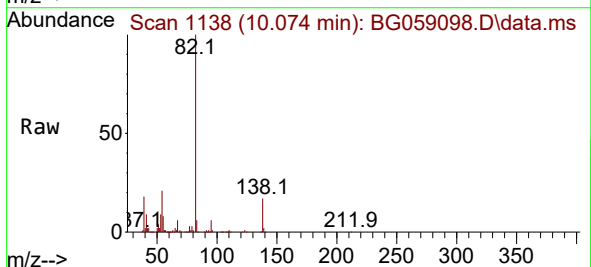
Instrument :
BNA_G
ClientSampleId :
SSTD160433

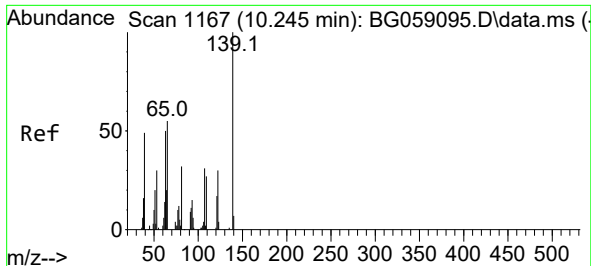
Tgt Ion: 77 Resp: 445182
Ion Ratio Lower Upper
77 100
123 48.1 41.8 62.8
65 14.2 12.3 18.5



#23
Isophorone
Concen: 144.574 ng/ul
RT: 10.074 min Scan# 1138
Delta R.T. 0.029 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion: 82 Resp: 906273
Ion Ratio Lower Upper
82 100
95 6.4 5.4 8.2
138 16.6 12.7 19.1

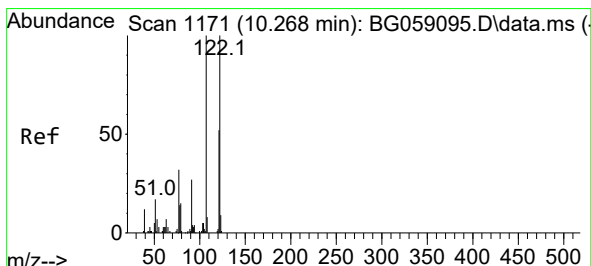
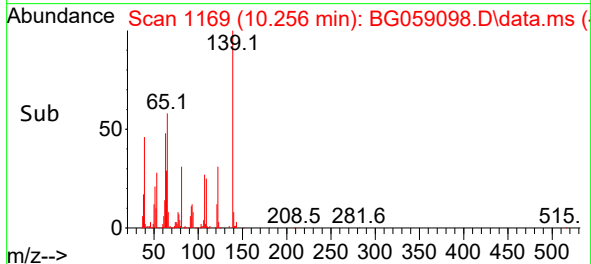
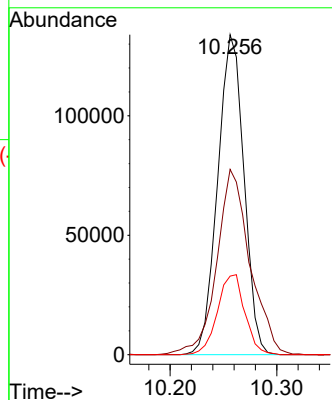
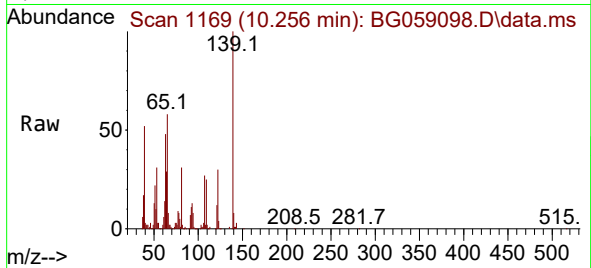




#25
2-Nitrophenol
Concen: 161.568 ng/ul
RT: 10.256 min Scan# 1169
Delta R.T. 0.011 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

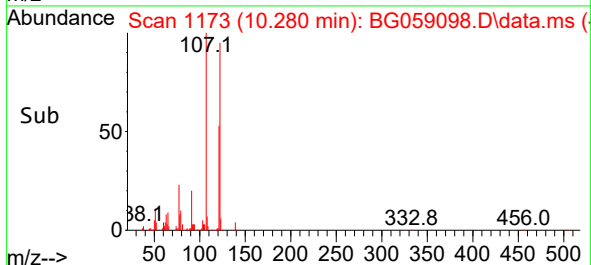
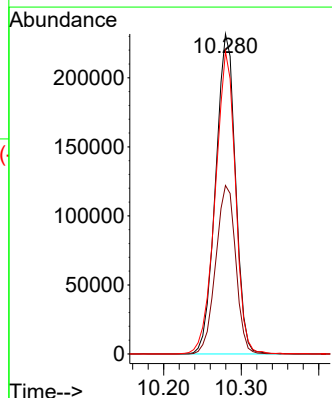
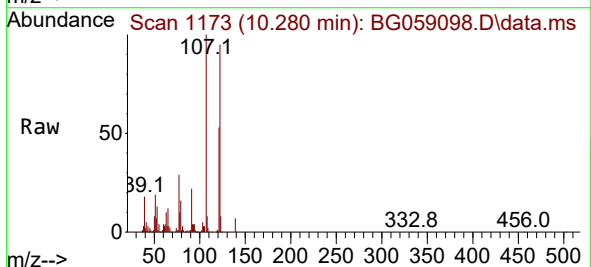
Instrument :
BNA_G
ClientSampleId :
SSTD160433

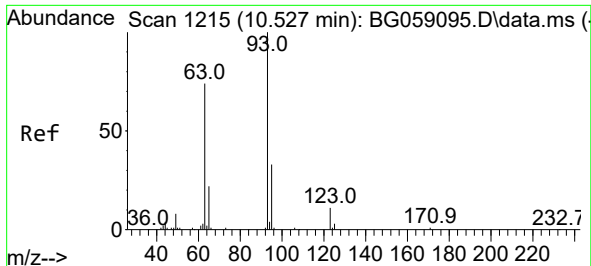
Tgt Ion:139 Resp: 229070
Ion Ratio Lower Upper
139 100
65 57.9 46.4 69.6
109 24.6 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 147.062 ng/ul
RT: 10.280 min Scan# 1173
Delta R.T. 0.011 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion:107 Resp: 411664
Ion Ratio Lower Upper
107 100
121 52.7 41.4 62.0
122 94.5 80.6 120.8

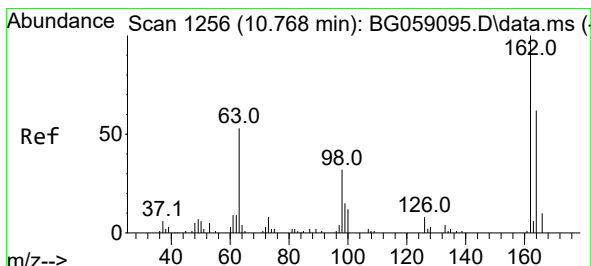
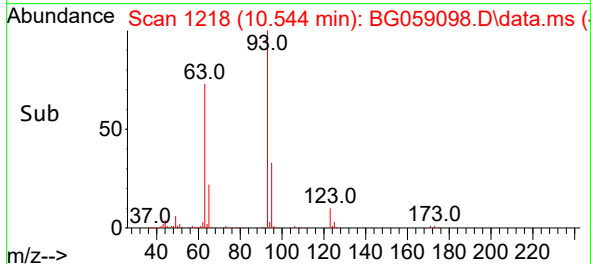
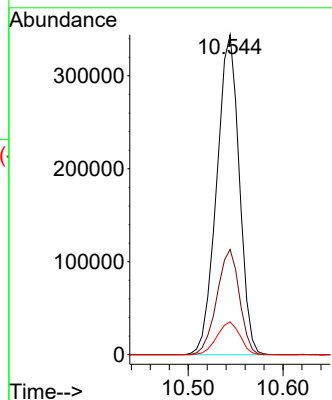
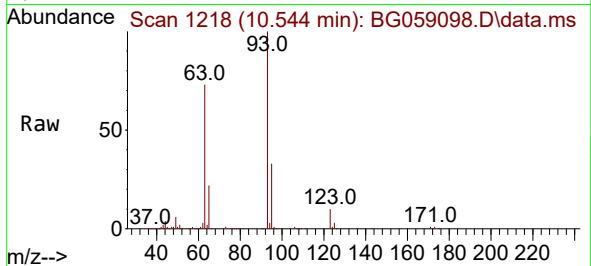




#27
 Bis(2-Chloroethoxy)methane
 Concen: 155.246 ng/ul
 RT: 10.544 min Scan# 11
 Delta R.T. 0.017 min
 Lab File: BG059098.D
 Acq: 19 Sep 2023 21:06

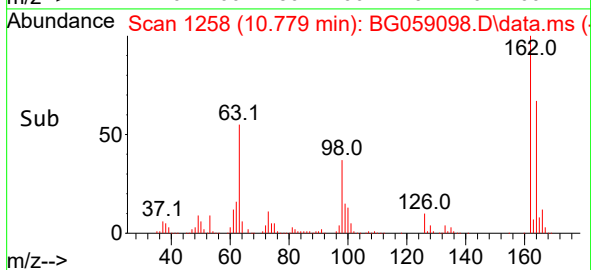
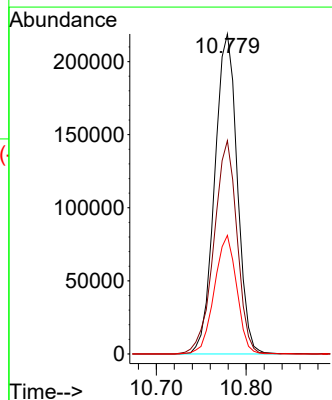
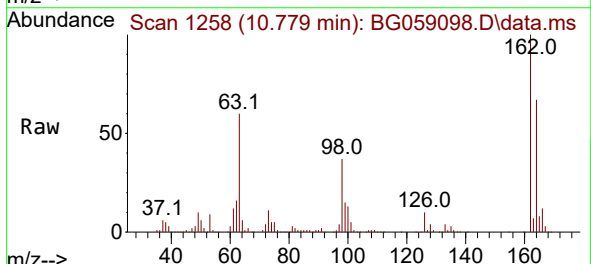
Instrument :
 BNA_G
 ClientSampleId :
 SSTD160433

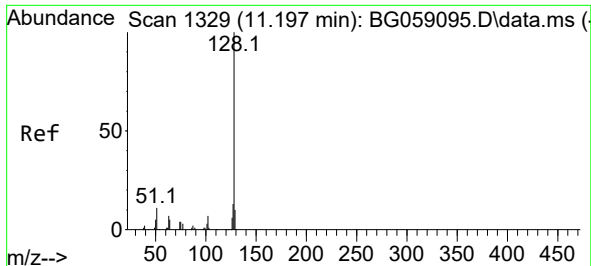
Tgt Ion: 93 Resp: 568317
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.1 39.1
 123 10.2 8.7 13.1



#29
 2,4-Dichlorophenol
 Concen: 154.152 ng/ul
 RT: 10.779 min Scan# 1258
 Delta R.T. 0.011 min
 Lab File: BG059098.D
 Acq: 19 Sep 2023 21:06

Tgt Ion:162 Resp: 382362
 Ion Ratio Lower Upper
 162 100
 164 66.7 49.8 74.8
 98 37.1 25.9 38.9

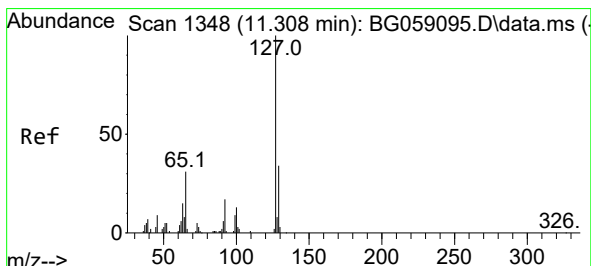
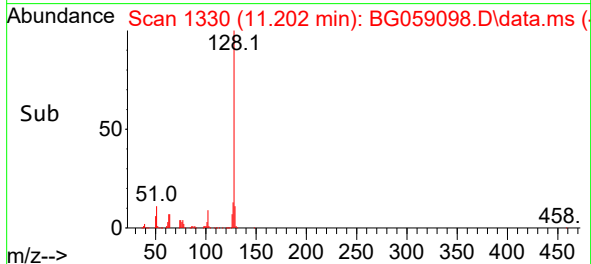
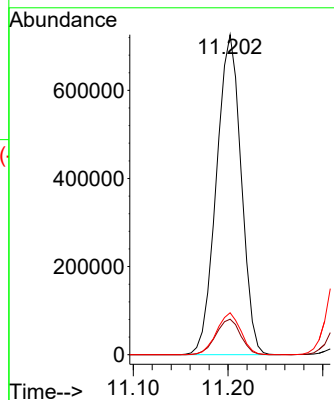
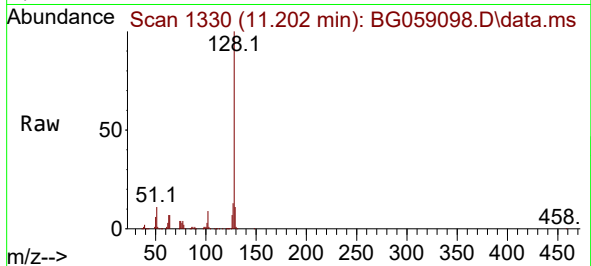




#30
Naphthalene
Concen: 154.071 ng/ul
RT: 11.202 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

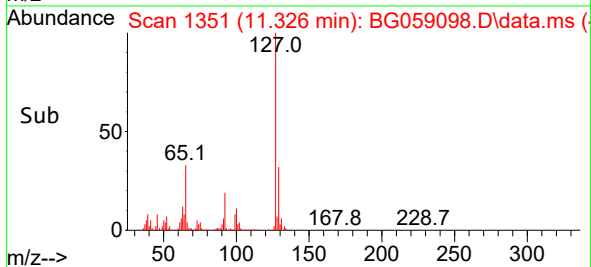
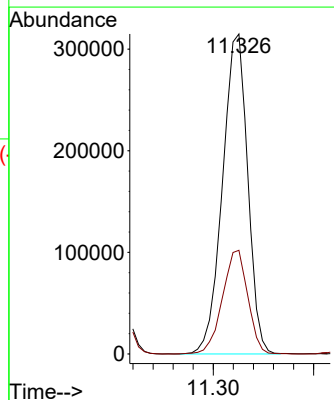
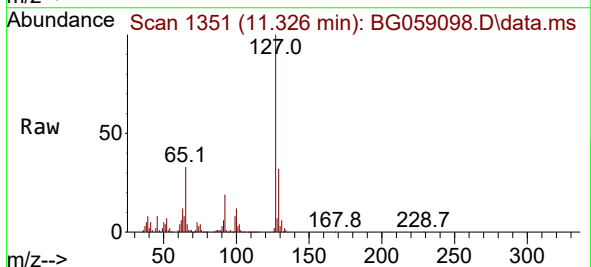
Instrument :
BNA_G
ClientSampleId :
SSTD160433

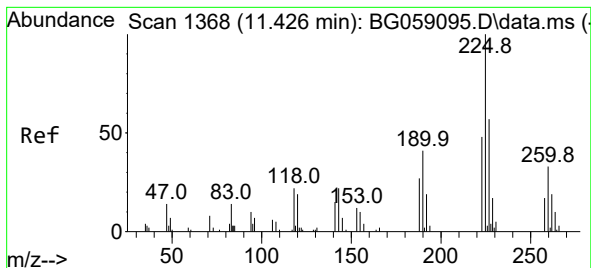
Tgt Ion:128 Resp: 1318232
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.1 10.2 15.4



#32
4-Chloroaniline
Concen: 148.446 ng/ul
RT: 11.326 min Scan# 1351
Delta R.T. 0.017 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion:127 Resp: 548298
Ion Ratio Lower Upper
127 100
129 32.4 27.2 40.8





#33

Hexachlorobutadiene

Concen: 169.255 ng/ul

RT: 11.431 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG059098.D

Acq: 19 Sep 2023 21:06

Instrument :

BNA_G

ClientSampleId :

SSTD160433

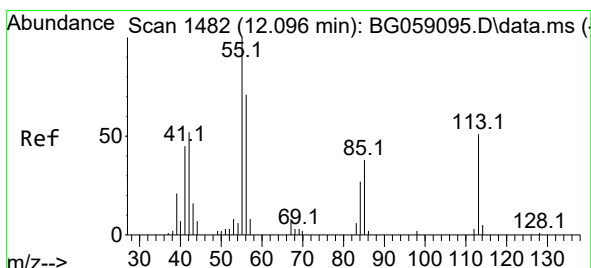
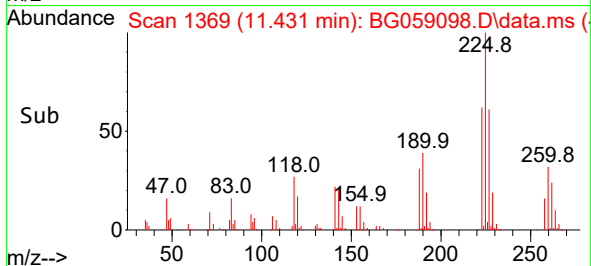
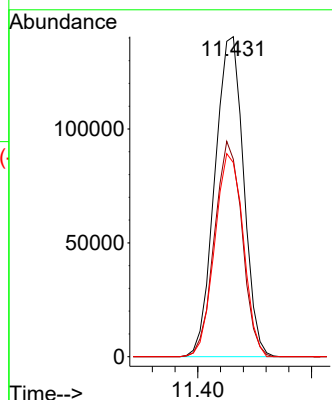
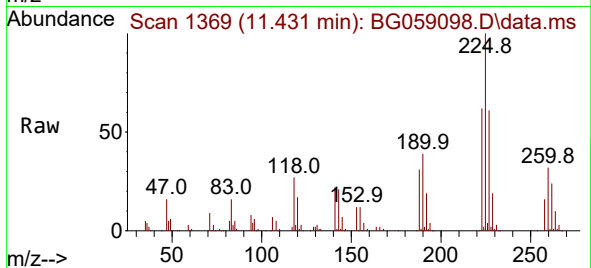
Tgt Ion:225 Resp: 246924

Ion Ratio Lower Upper

225 100

223 61.7 39.0 58.4#

227 60.6 45.7 68.5



#34

Caprolactam

Concen: 70.758 ng/ul

RT: 12.148 min Scan# 1491

Delta R.T. 0.053 min

Lab File: BG059098.D

Acq: 19 Sep 2023 21:06

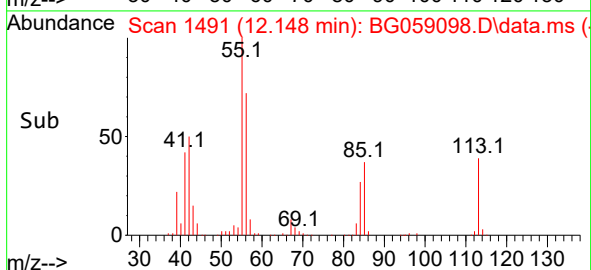
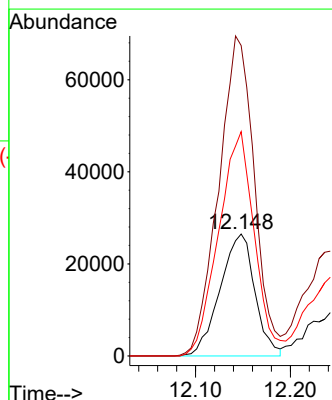
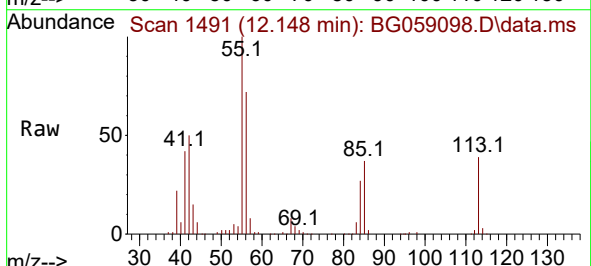
Tgt Ion:113 Resp: 67534

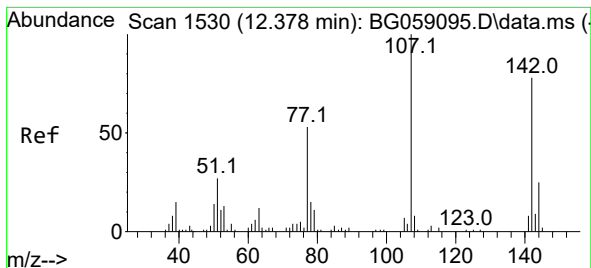
Ion Ratio Lower Upper

113 100

55 254.4 157.6 236.4#

56 183.9 112.3 168.5#

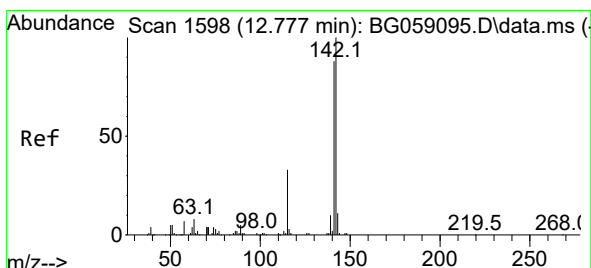
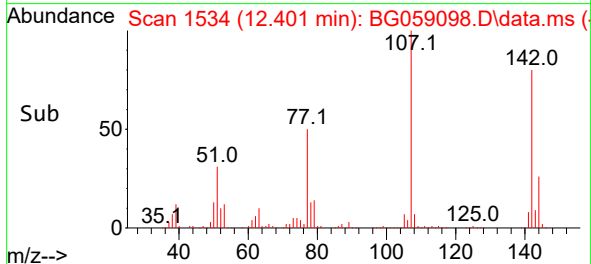
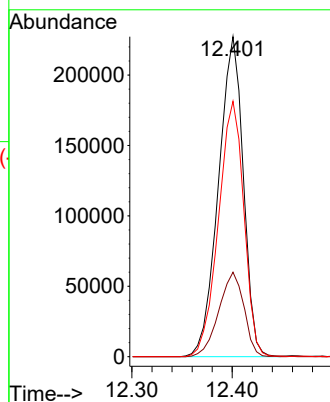
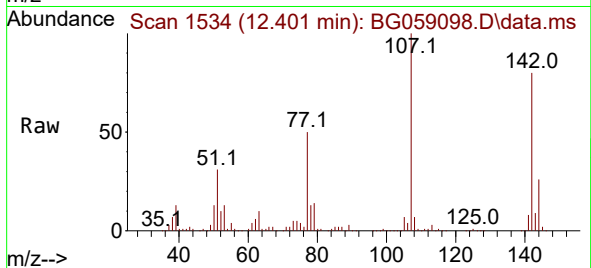




#35
 4-Chloro-3-methylphenol
 Concen: 135.074 ng/ul
 RT: 12.401 min Scan# 1534
 Delta R.T. 0.023 min
 Lab File: BG059098.D
 Acq: 19 Sep 2023 21:06

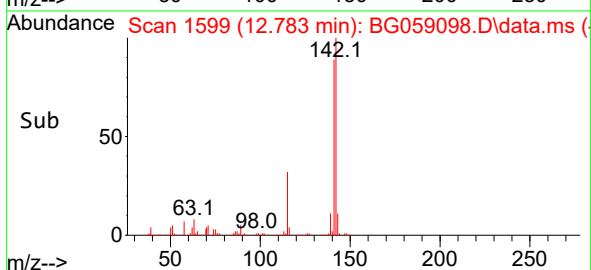
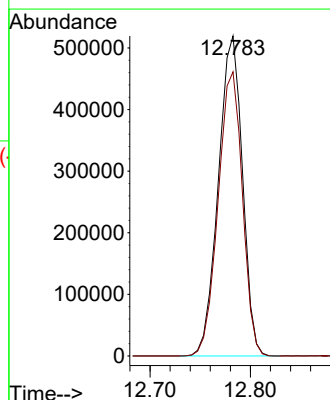
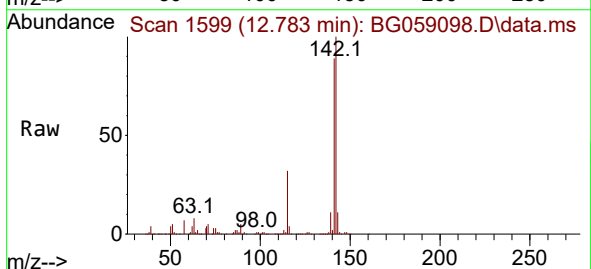
Instrument :
 BNA_G
 ClientSampleId :
 SSTD160433

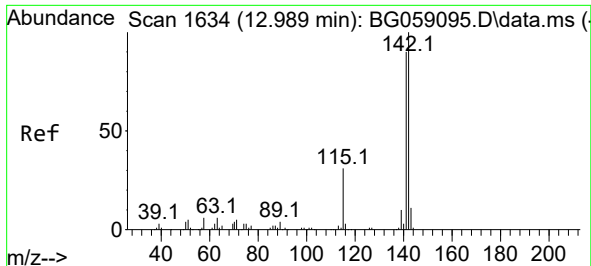
Tgt Ion:107 Resp: 390058
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.1 30.1
 142 79.8 62.7 94.1



#36
 2-Methylnaphthalene
 Concen: 149.417 ng/ul
 RT: 12.783 min Scan# 1599
 Delta R.T. 0.006 min
 Lab File: BG059098.D
 Acq: 19 Sep 2023 21:06

Tgt Ion:142 Resp: 865688
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.6 106.0





#37

1-Methylnaphthalene

Concen: 147.202 ng/ul

RT: 13.000 min Scan# 1

Delta R.T. 0.011 min

Lab File: BG059098.D

Acq: 19 Sep 2023 21:06

Instrument :

BNA_G

ClientSampleId :

SSTD160433

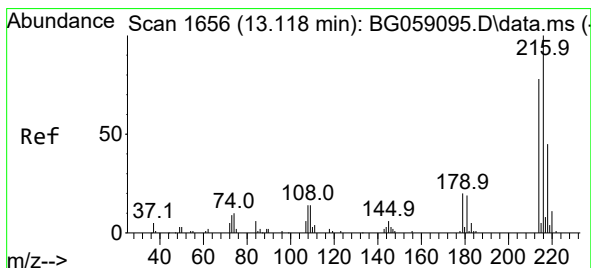
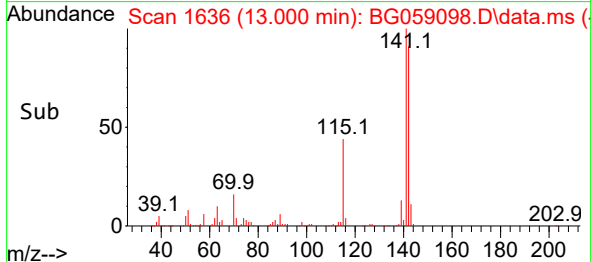
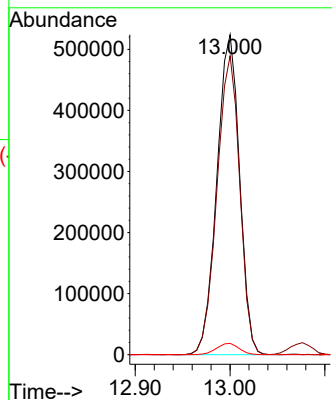
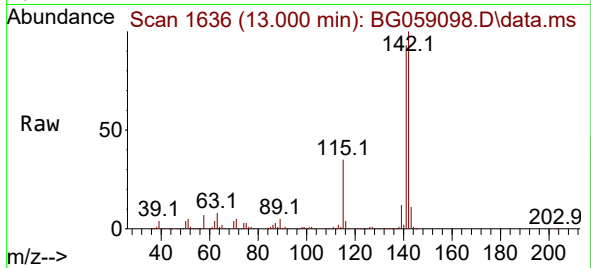
Tgt Ion:142 Resp: 870862

Ion Ratio Lower Upper

142 100

141 93.4 72.0 108.0

116 3.6 2.7 4.1



#39

1,2,4,5-Tetrachlorobenzene

Concen: 173.857 ng/ul

RT: 13.123 min Scan# 1657

Delta R.T. 0.006 min

Lab File: BG059098.D

Acq: 19 Sep 2023 21:06

Tgt Ion:216 Resp: 452859

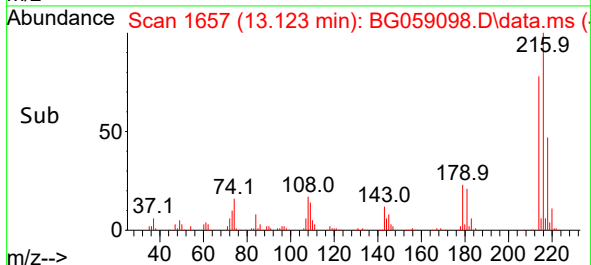
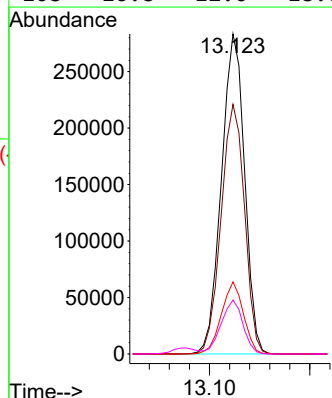
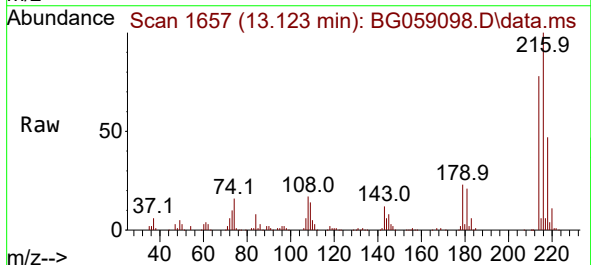
Ion Ratio Lower Upper

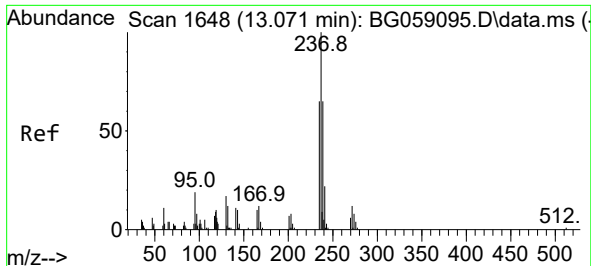
216 100

214 78.0 62.6 94.0

179 22.5 16.0 24.0

108 16.8 12.0 18.0

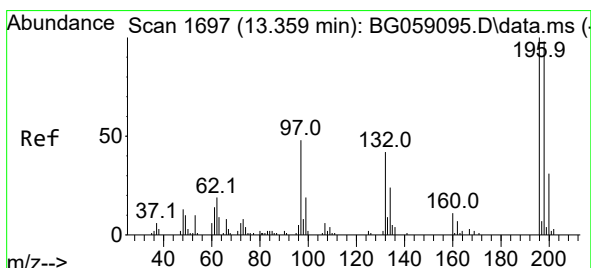
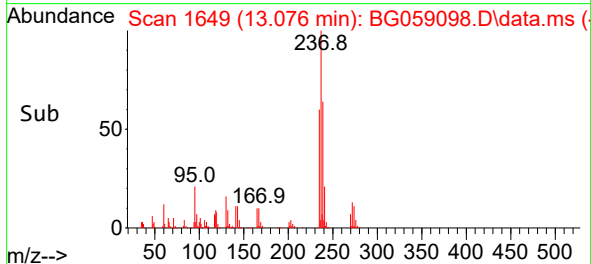
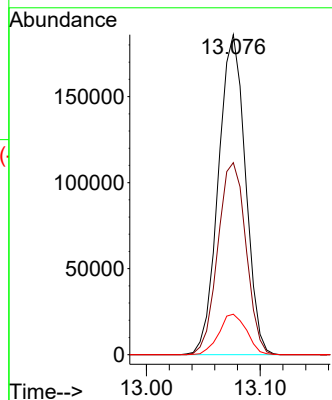
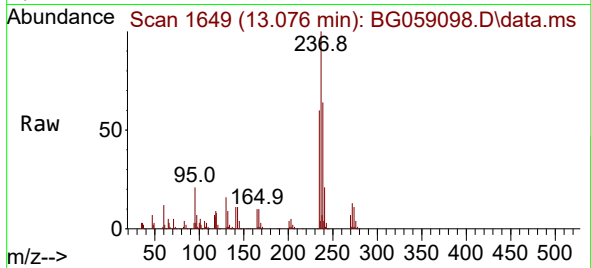




#40
Hexachlorocyclopentadiene
Concen: 194.078 ng/ul
RT: 13.076 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

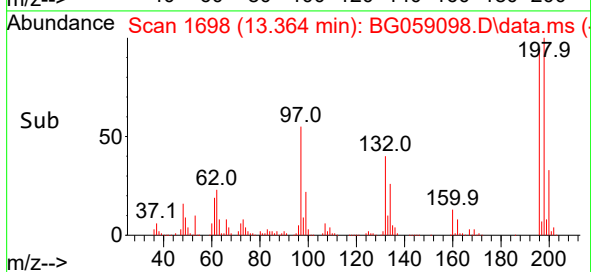
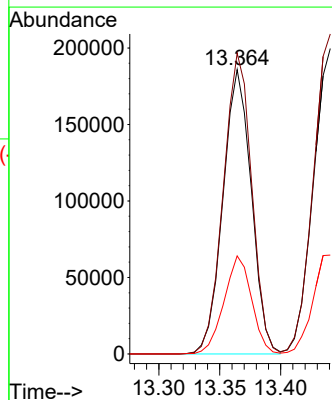
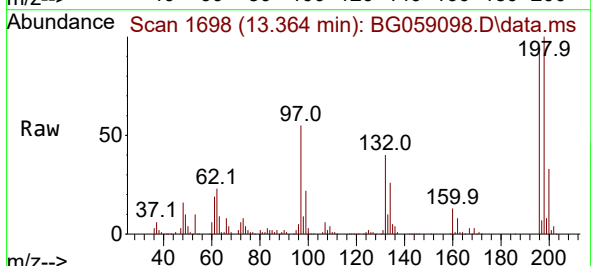
Instrument :
BNA_G
ClientSampleId :
SSTD160433

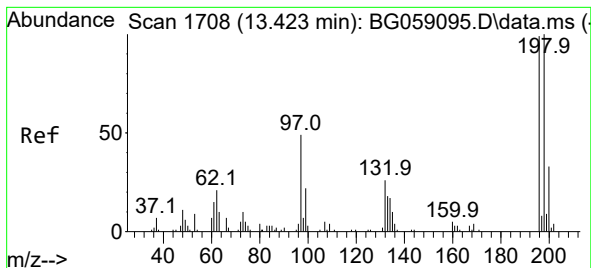
Tgt Ion:237 Resp: 306955
Ion Ratio Lower Upper
237 100
235 60.0 51.6 77.4
272 13.5 10.6 15.8



#41
2,4,6-Trichlorophenol
Concen: 160.134 ng/ul
RT: 13.364 min Scan# 1698
Delta R.T. 0.006 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion:196 Resp: 300527
Ion Ratio Lower Upper
196 100
198 105.8 78.5 117.7
200 34.5 24.4 36.6





#42

2,4,5-Trichlorophenol

Concen: 160.334 ng/ul

RT: 13.441 min Scan# 1

Delta R.T. 0.017 min

Lab File: BG059098.D

Acq: 19 Sep 2023 21:06

Instrument :

BNA_G

ClientSampleId :

SSTD160433

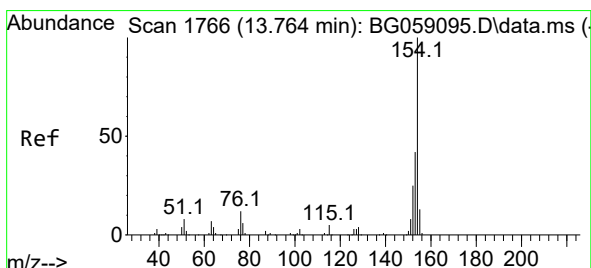
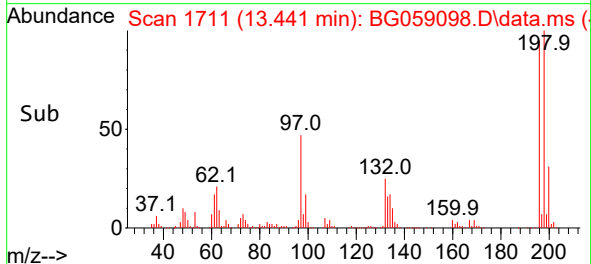
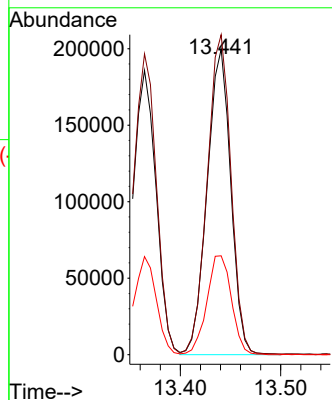
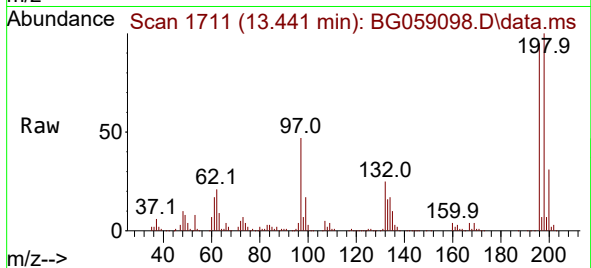
Tgt Ion:196 Resp: 326890

Ion Ratio Lower Upper

196 100

198 104.7 81.0 121.6

200 32.4 27.1 40.7



#43

1,1'-Biphenyl

Concen: 168.874 ng/ul

RT: 13.776 min Scan# 1768

Delta R.T. 0.011 min

Lab File: BG059098.D

Acq: 19 Sep 2023 21:06

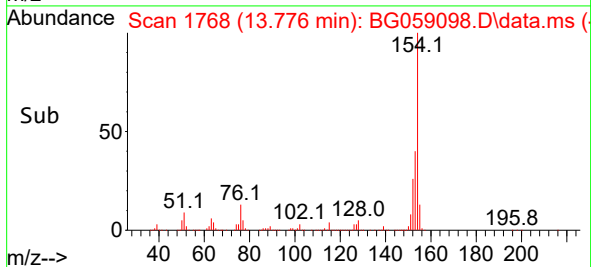
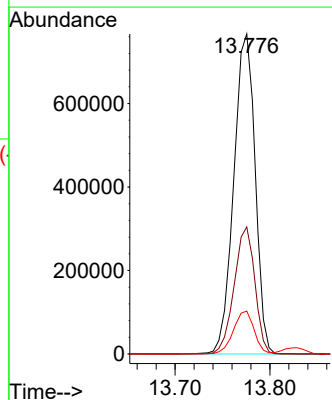
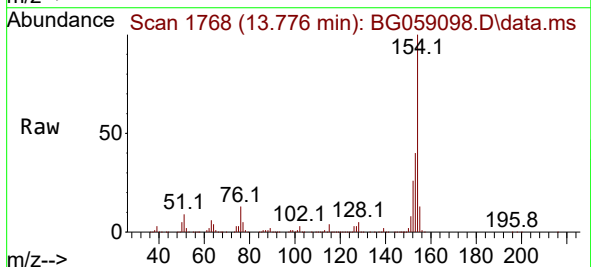
Tgt Ion:154 Resp: 1199412

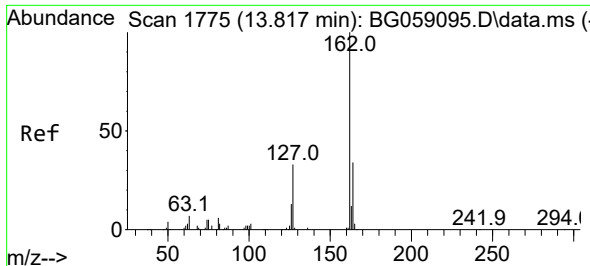
Ion Ratio Lower Upper

154 100

153 39.7 33.2 49.8

76 13.4 9.8 14.8

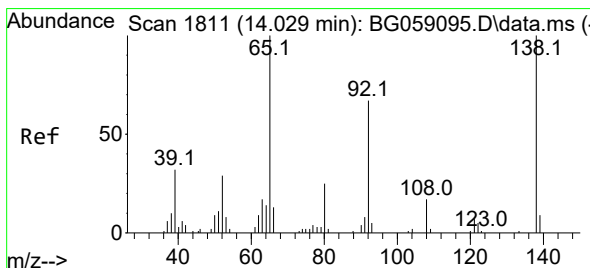
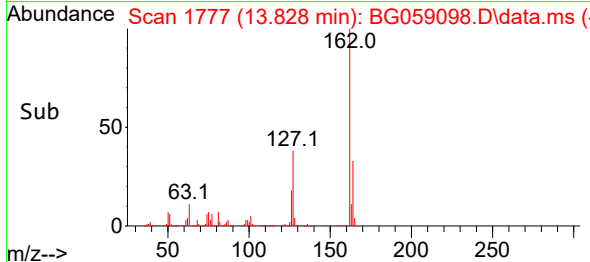
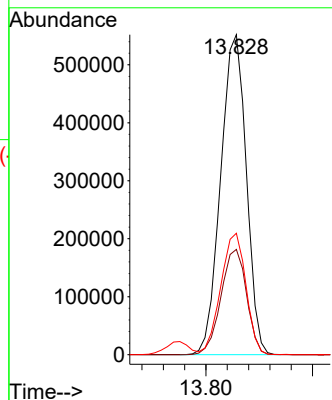
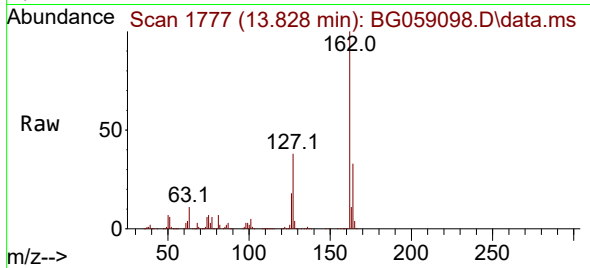




#44
2-Chloronaphthalene
Concen: 158.945 ng/ul
RT: 13.828 min Scan# 1777
Delta R.T. 0.011 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

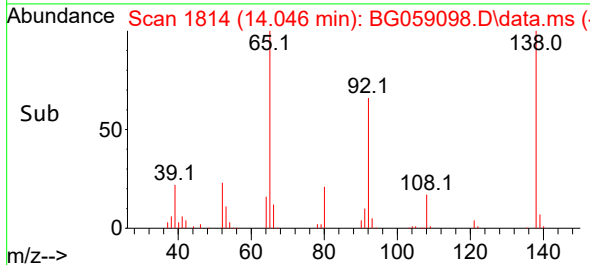
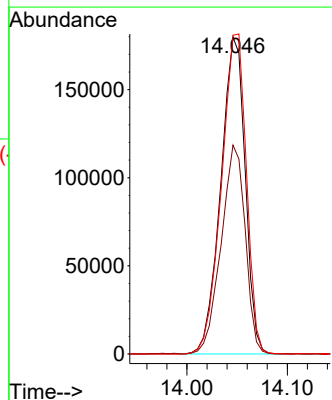
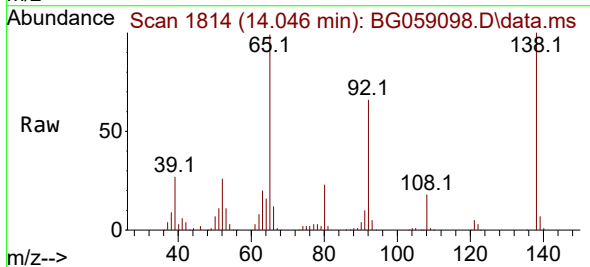
Instrument :
BNA_G
ClientSampleId :
SSTD160433

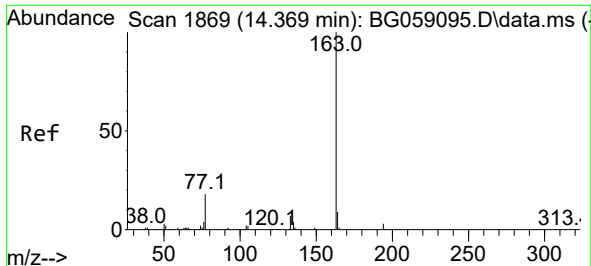
Tgt Ion:162 Resp: 921476
Ion Ratio Lower Upper
162 100
164 32.9 27.2 40.8
127 37.9 27.4 41.2



#45
2-Nitroaniline
Concen: 151.955 ng/ul
RT: 14.046 min Scan# 1814
Delta R.T. 0.017 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion: 65 Resp: 303682
Ion Ratio Lower Upper
65 100
92 65.9 53.6 80.4
138 100.5 79.8 119.6

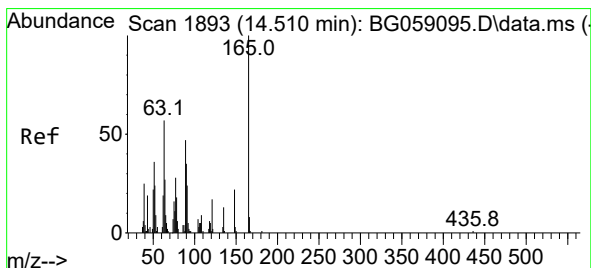
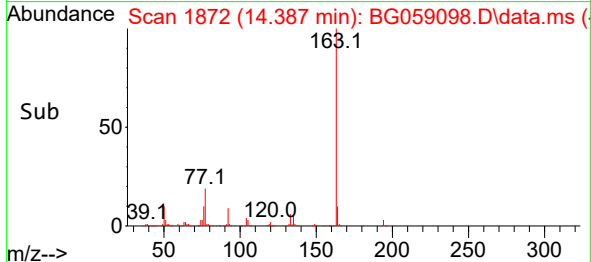
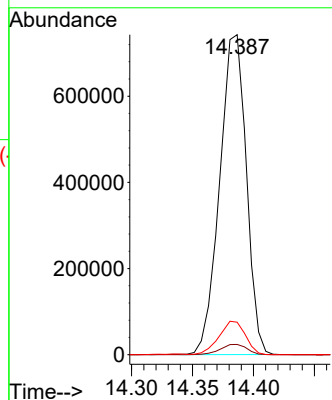
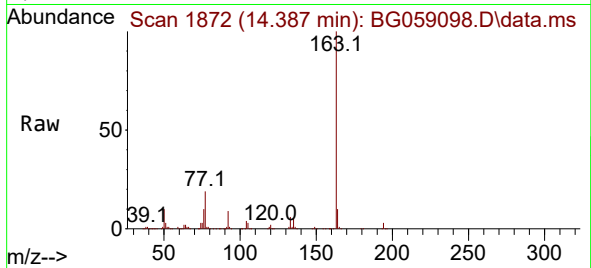




#47
Dimethylphthalate
Concen: 149.027 ng/ul
RT: 14.387 min Scan# 1872
Delta R.T. 0.017 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

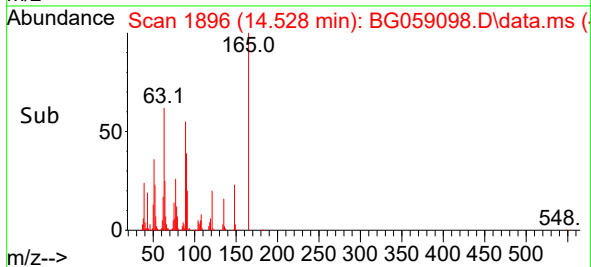
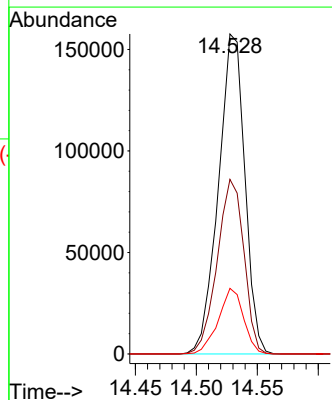
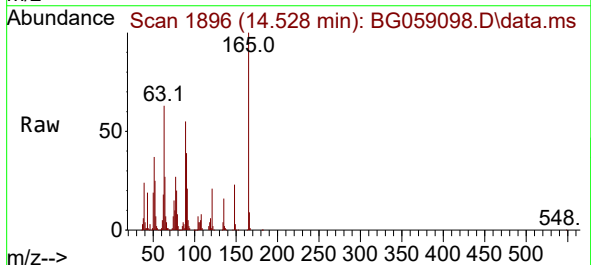
Instrument :
BNA_G
ClientSampleId :
SSTD160433

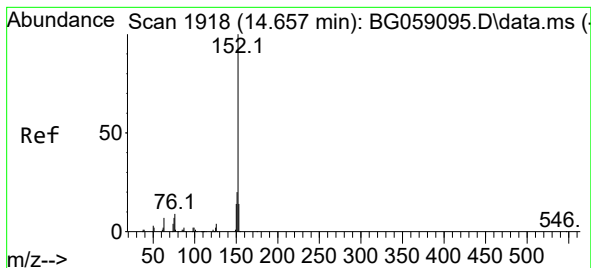
Tgt Ion:163 Resp: 1129445
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.1 7.6 11.4



#48
2,6-Dinitrotoluene
Concen: 158.352 ng/ul
RT: 14.528 min Scan# 1896
Delta R.T. 0.017 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion:165 Resp: 237509
Ion Ratio Lower Upper
165 100
89 54.5 38.7 58.1
121 20.5 13.4 20.0#





#50

Acenaphthylene

Concen: 152.533 ng/ul

RT: 14.669 min Scan# 1918

Delta R.T. 0.011 min

Lab File: BG059098.D

Acq: 19 Sep 2023 21:06

Instrument :

BNA_G

ClientSampleId :

SSTD160433

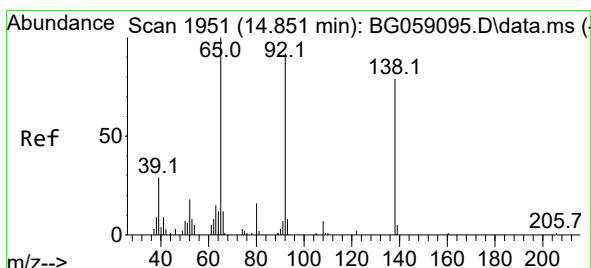
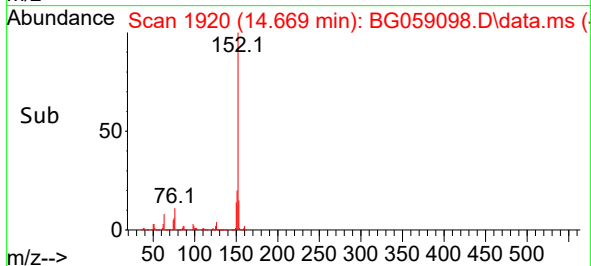
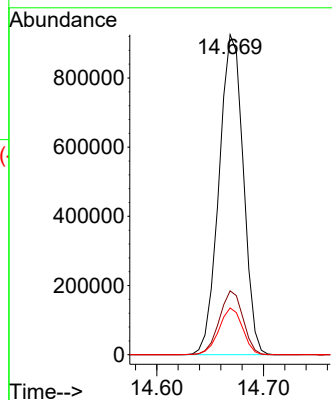
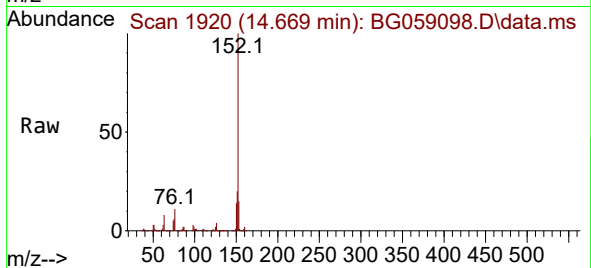
Tgt Ion:152 Resp: 1461433

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.6

153 14.6 11.3 16.9



#51

3-Nitroaniline

Concen: 149.672 ng/ul

RT: 14.868 min Scan# 1954

Delta R.T. 0.017 min

Lab File: BG059098.D

Acq: 19 Sep 2023 21:06

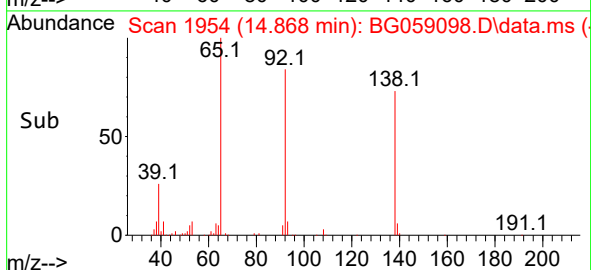
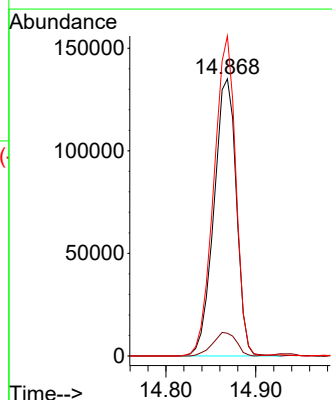
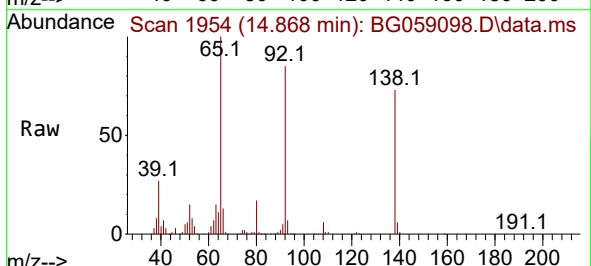
Tgt Ion:138 Resp: 234099

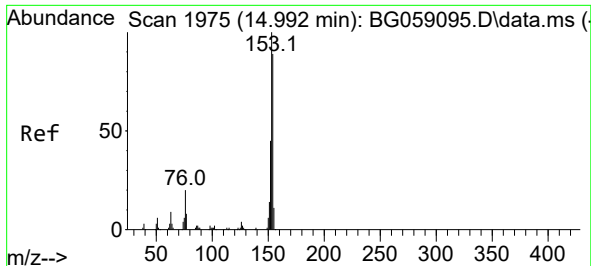
Ion Ratio Lower Upper

138 100

108 8.2 7.4 11.2

92 115.4 93.4 140.0

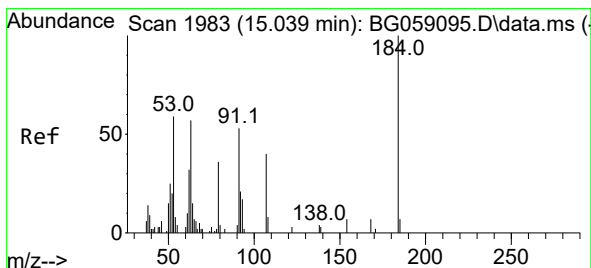
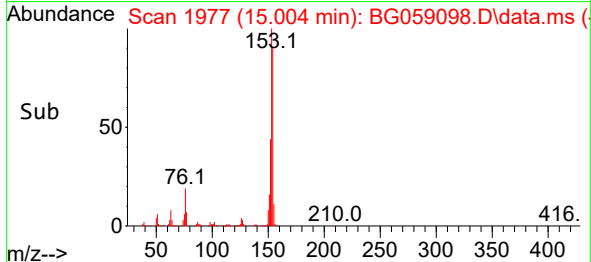
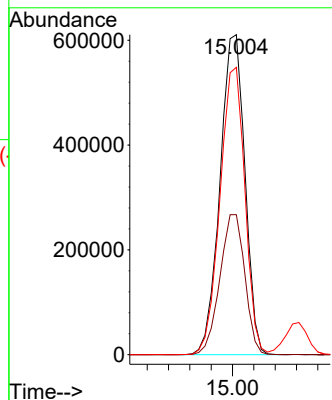
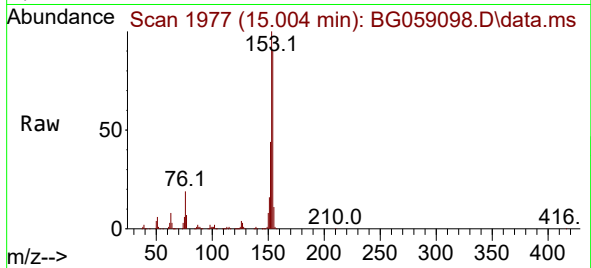




#52
Acenaphthene
Concen: 157.812 ng/ul
RT: 15.004 min Scan# 1977
Delta R.T. 0.011 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

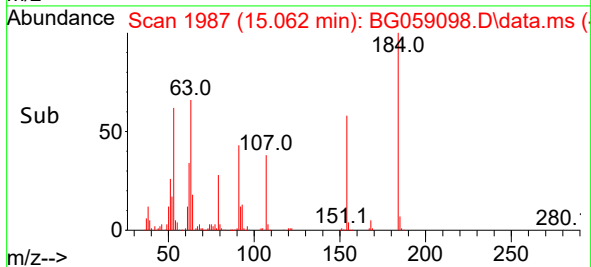
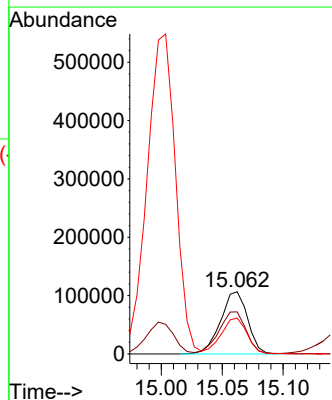
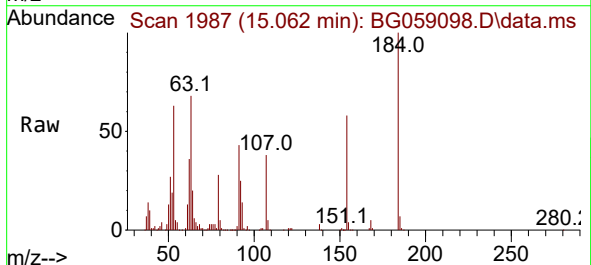
Instrument :
BNA_G
ClientSampleId :
SSTD160433

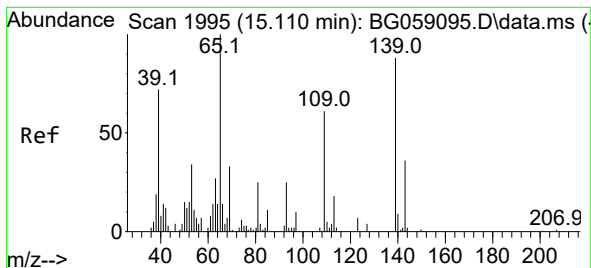
Tgt Ion:153 Resp: 990851
Ion Ratio Lower Upper
153 100
152 43.8 36.0 54.0
154 89.8 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 199.301 ng/ul
RT: 15.062 min Scan# 1987
Delta R.T. 0.023 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion:184 Resp: 164664
Ion Ratio Lower Upper
184 100
63 67.7 53.5 80.3
154 57.7 54.6 81.8

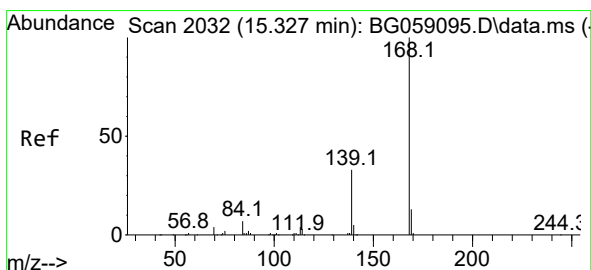
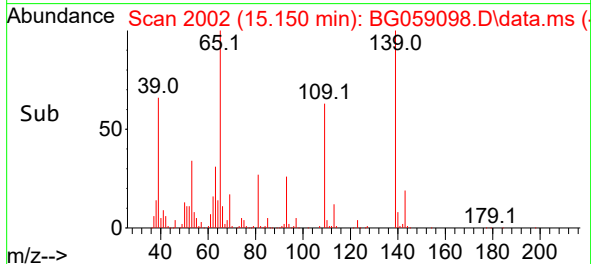
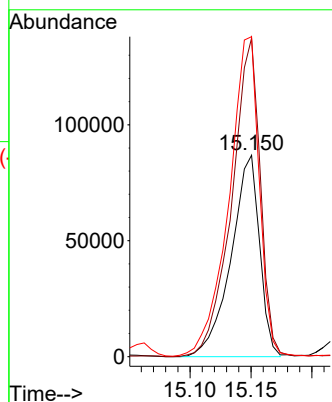
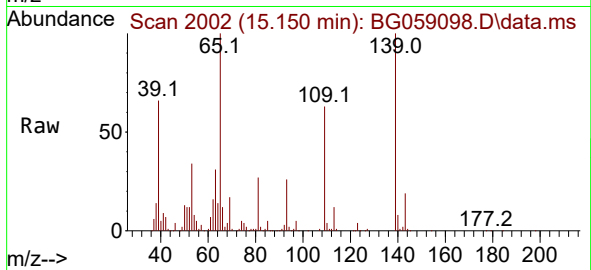




#55
4-Nitrophenol
Concen: 135.186 ng/ul
RT: 15.150 min Scan# 2002
Delta R.T. 0.041 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

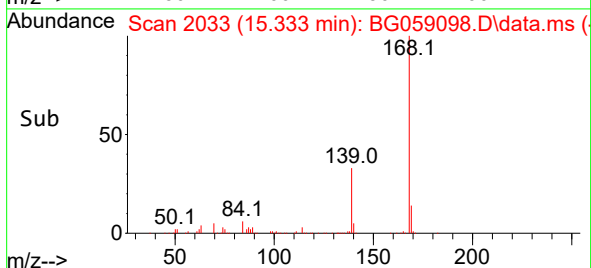
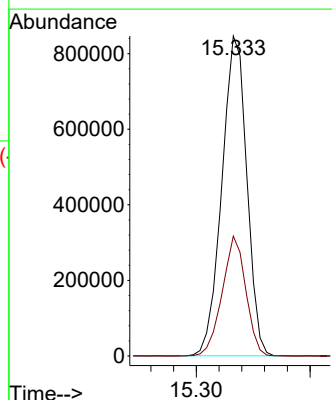
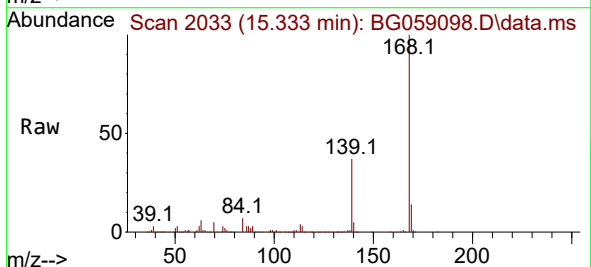
Instrument :
BNA_G
ClientSampleId :
SSTD160433

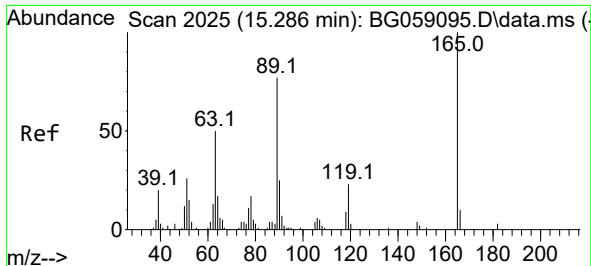
Tgt Ion:109 Resp: 141236
Ion Ratio Lower Upper
109 100
139 158.2 114.5 171.7
65 158.9 132.1 198.1



#56
Dibenzofuran
Concen: 145.089 ng/ul
RT: 15.333 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion:168 Resp: 1289699
Ion Ratio Lower Upper
168 100
139 37.4 26.3 39.5





#57

2,4-Dinitrotoluene

Concen: 152.399 ng/ul

RT: 15.309 min Scan# 2025

Delta R.T. 0.023 min

Lab File: BG059098.D

Acq: 19 Sep 2023 21:06

Instrument :

BNA_G

ClientSampleId :

SSTD160433

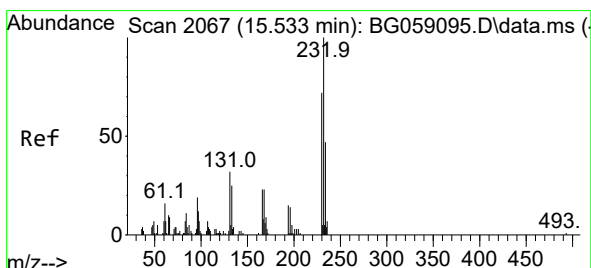
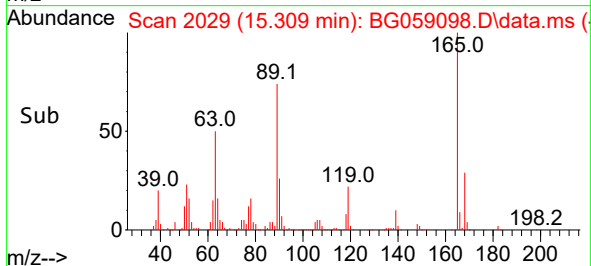
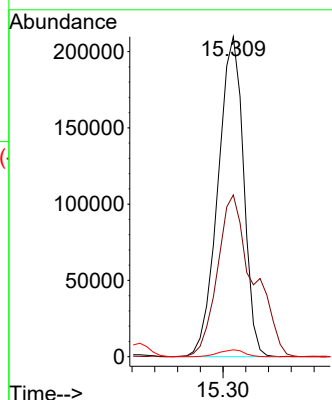
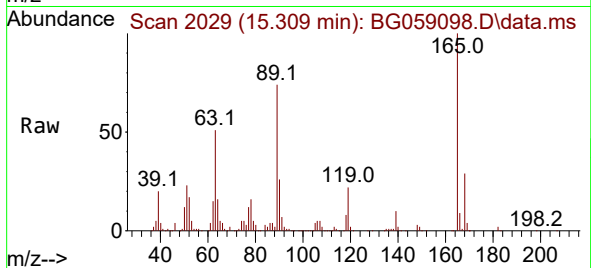
Tgt Ion:165 Resp: 327847

Ion Ratio Lower Upper

165 100

63 50.6 40.0 60.0

182 2.2 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 158.206 ng/ul

RT: 15.538 min Scan# 2068

Delta R.T. 0.006 min

Lab File: BG059098.D

Acq: 19 Sep 2023 21:06

Tgt Ion:232 Resp: 287953

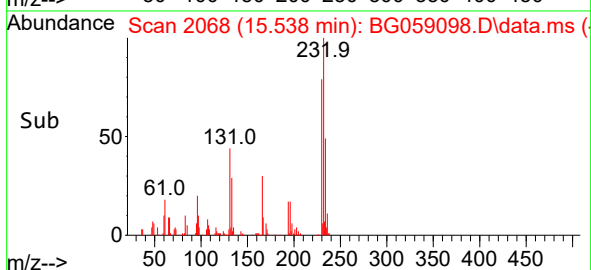
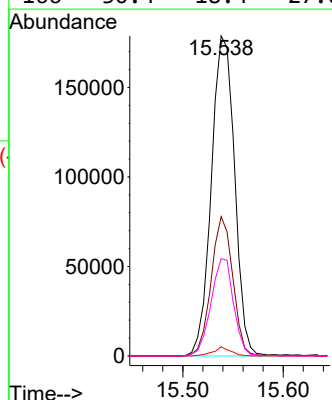
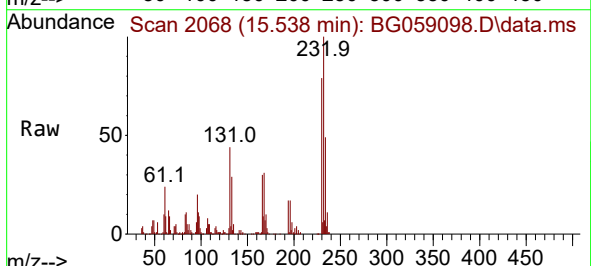
Ion Ratio Lower Upper

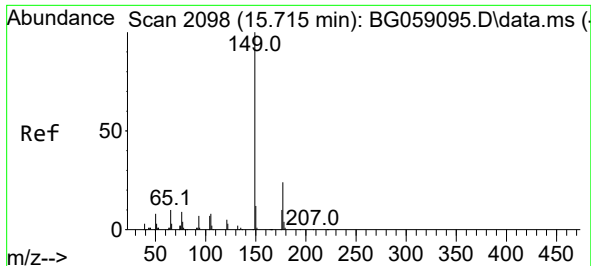
232 100

131 43.6 25.8 38.8#

130 2.9 1.8 2.6#

166 30.4 18.4 27.6#

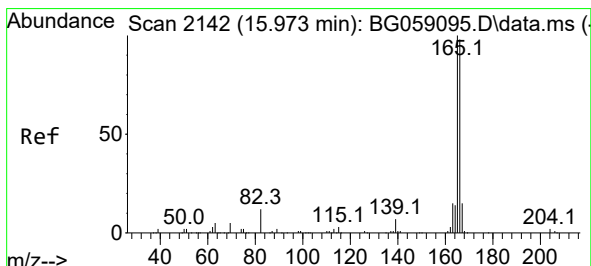
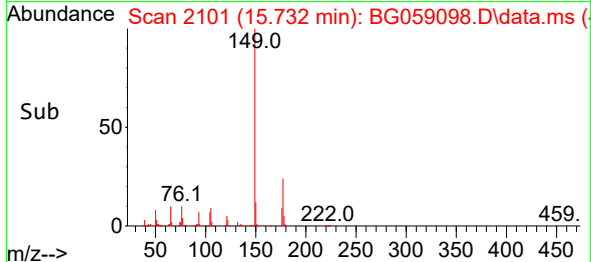
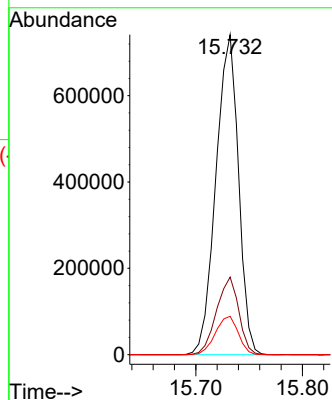
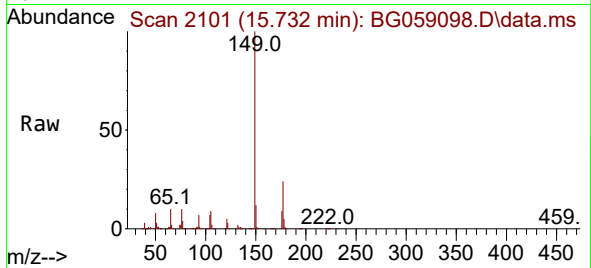




#59
Diethylphthalate
Concen: 141.011 ng/ul
RT: 15.732 min Scan# 2101
Delta R.T. 0.017 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

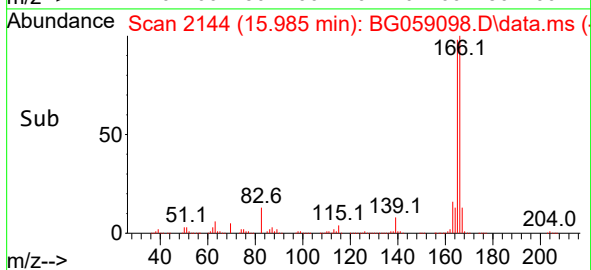
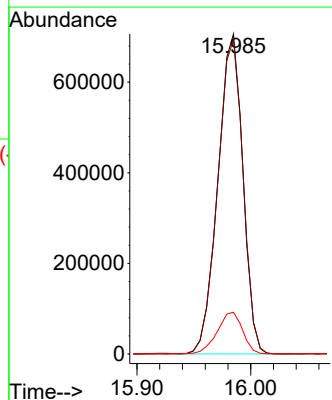
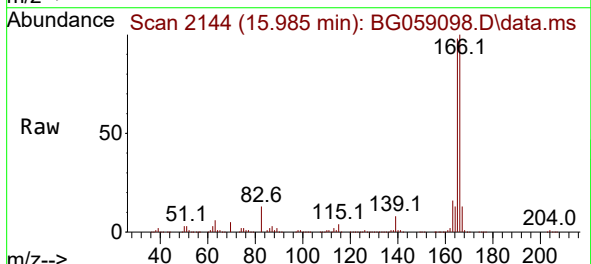
Instrument :
BNA_G
ClientSampleId :
SSTD160433

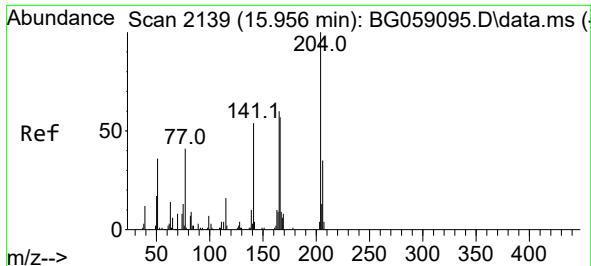
Tgt Ion:149 Resp: 1085487
Ion Ratio Lower Upper
149 100
177 24.3 19.4 29.2
150 12.0 9.8 14.8



#61
Fluorene
Concen: 141.417 ng/ul
RT: 15.985 min Scan# 2144
Delta R.T. 0.011 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion:166 Resp: 1075310
Ion Ratio Lower Upper
166 100
165 98.4 81.6 122.4
167 13.0 12.1 18.1

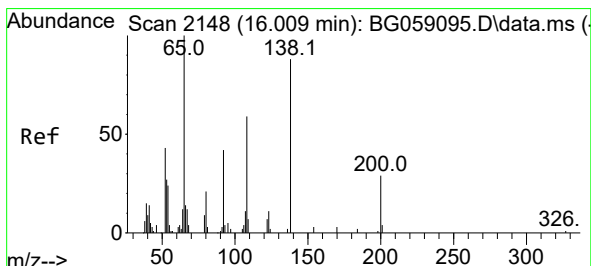
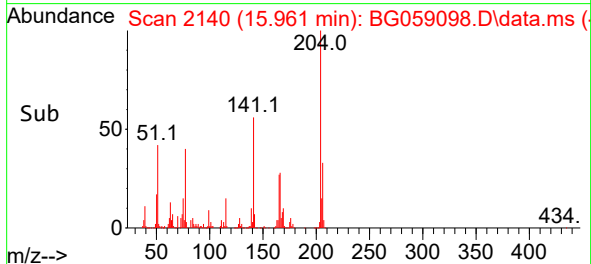
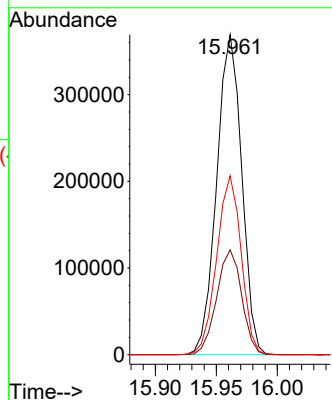
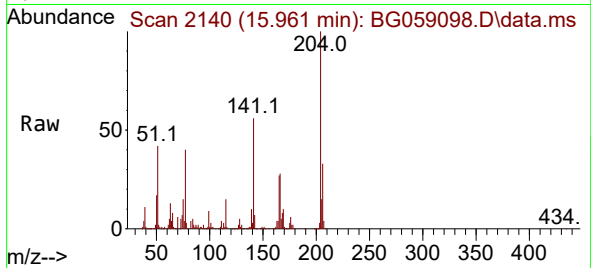




#62
4-Chlorophenyl-phenylether
Concen: 149.916 ng/ul
RT: 15.961 min Scan# 2139
Delta R.T. 0.006 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

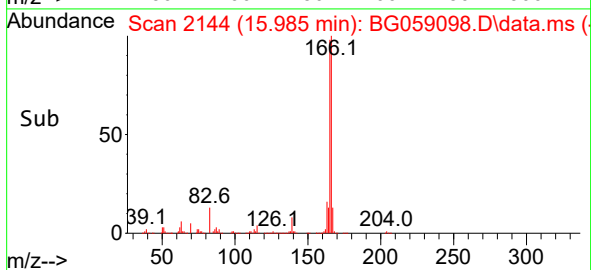
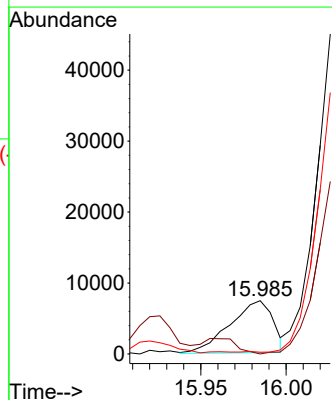
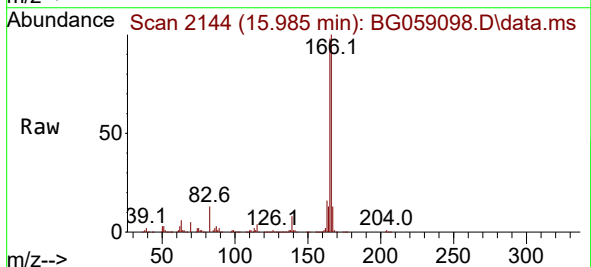
Instrument :
BNA_G
ClientSampleId :
SSTD160433

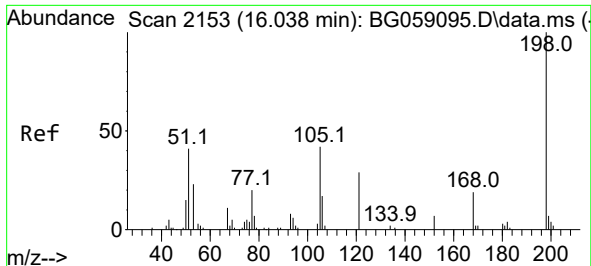
Tgt Ion:204 Resp: 527330
Ion Ratio Lower Upper
204 100
206 32.8 28.2 42.2
141 55.9 43.4 65.0



#63
4-Nitroaniline
Concen: 8.753 ng/ul
RT: 15.985 min Scan# 2144
Delta R.T. -0.024 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion:138 Resp: 12897
Ion Ratio Lower Upper
138 100
92 0.0 39.0 58.6#
108 3.4 53.5 80.3#

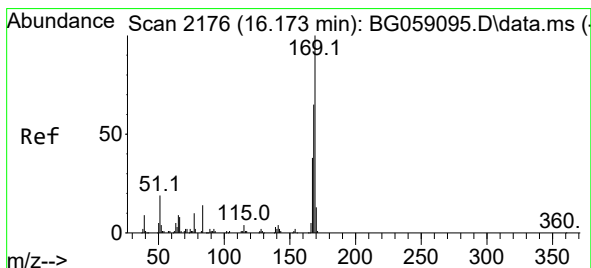
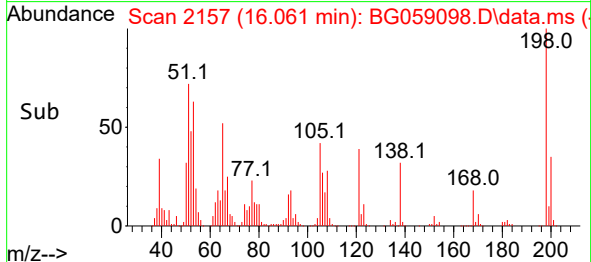
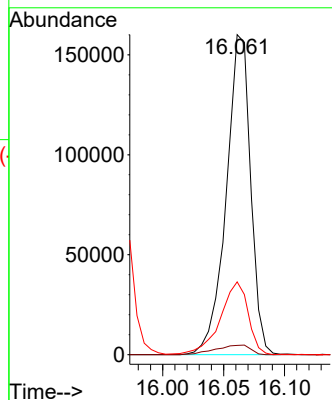
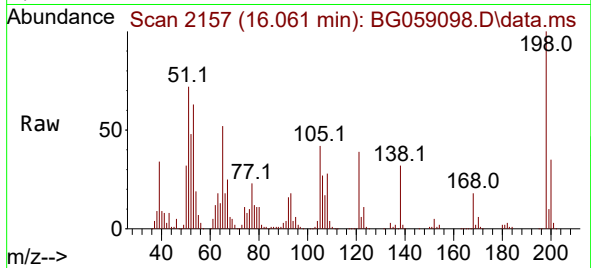




#66
4,6-Dinitro-2-methylphenol
Concen: 171.403 ng/ul
RT: 16.061 min Scan# 2157
Delta R.T. 0.023 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

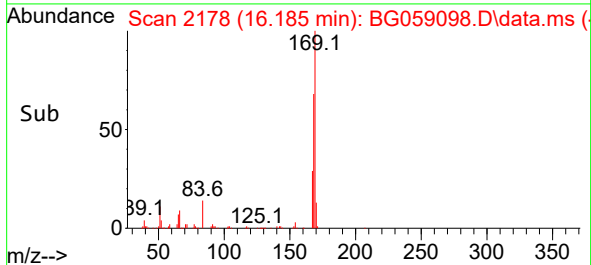
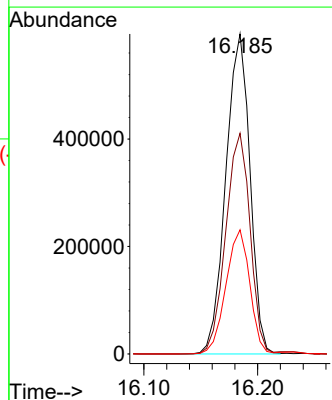
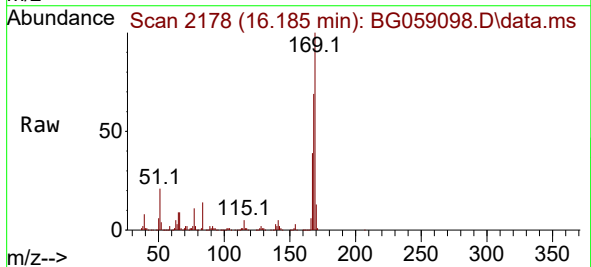
Instrument :
BNA_G
ClientSampleId :
SSTD160433

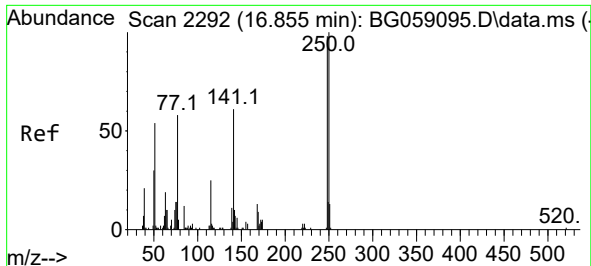
Tgt Ion:198 Resp: 223188
Ion Ratio Lower Upper
198 100
182 2.9 3.5 5.3#
77 22.8 17.3 25.9



#67
N-Nitrosodiphenylamine
Concen: 143.224 ng/ul
RT: 16.185 min Scan# 2178
Delta R.T. 0.011 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion:169 Resp: 879124
Ion Ratio Lower Upper
169 100
168 69.0 52.1 78.1
167 38.8 30.5 45.7

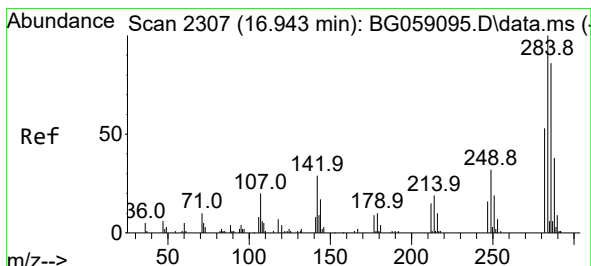
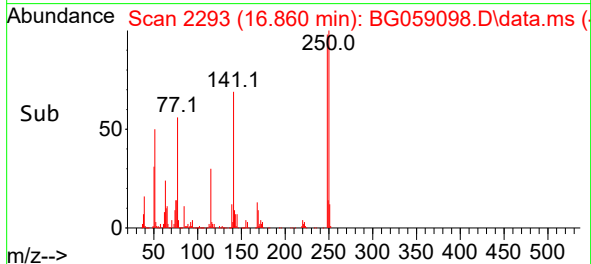
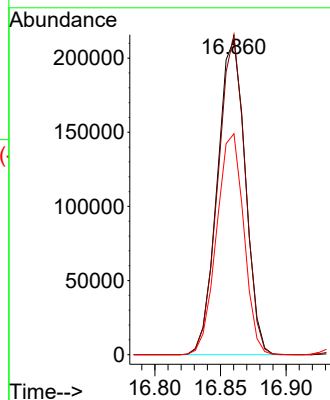
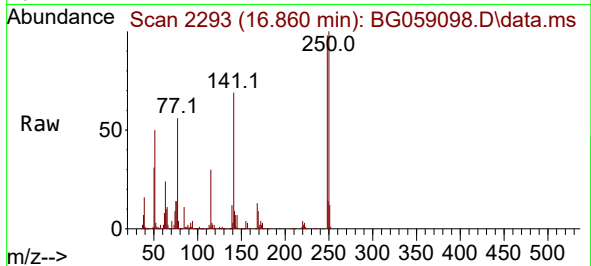




#68
4-Bromophenyl-phenylether
Concen: 149.808 ng/ul
RT: 16.860 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

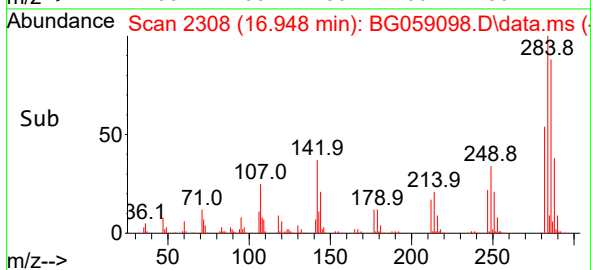
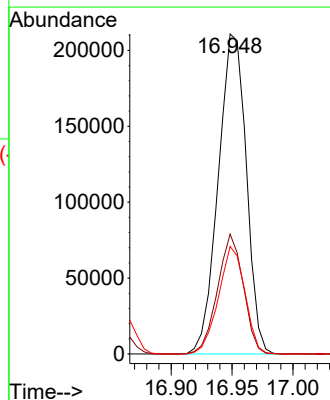
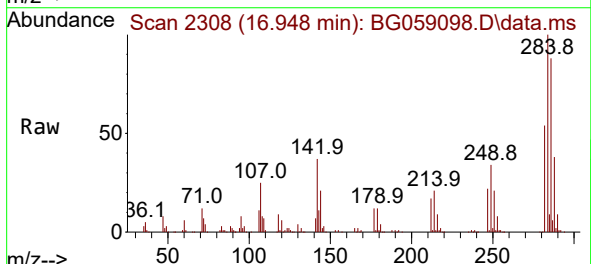
Instrument :
BNA_G
ClientSampleId :
SSTD160433

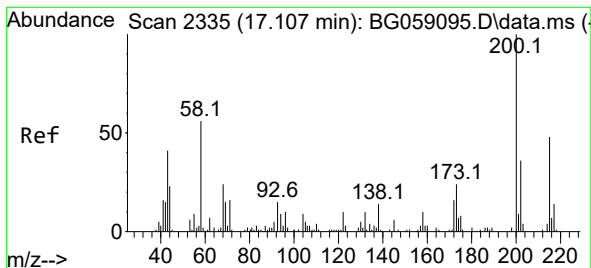
Tgt Ion:248 Resp: 314768
Ion Ratio Lower Upper
248 100
250 101.6 81.8 122.8
141 70.2 50.0 75.0



#69
Hexachlorobenzene
Concen: 142.635 ng/ul
RT: 16.948 min Scan# 2308
Delta R.T. 0.006 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion:284 Resp: 337975
Ion Ratio Lower Upper
284 100
142 37.5 23.2 34.8#
249 33.6 27.8 41.8





#70

Atrazine

Concen: 141.130 ng/ul

RT: 17.125 min Scan# 21

Delta R.T. 0.017 min

Lab File: BG059098.D

Acq: 19 Sep 2023 21:06

Instrument :

BNA_G

ClientSampleId :

SSTD160433

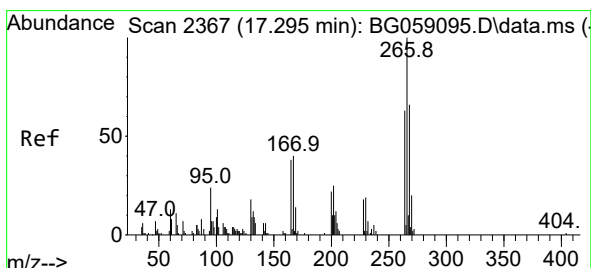
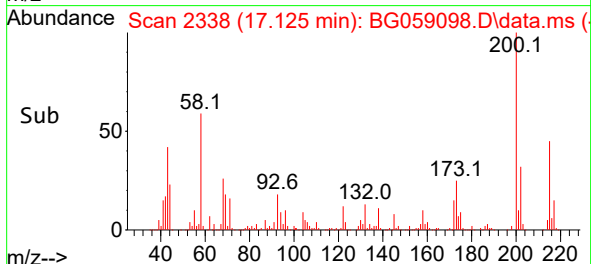
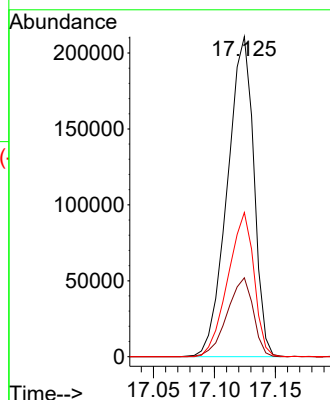
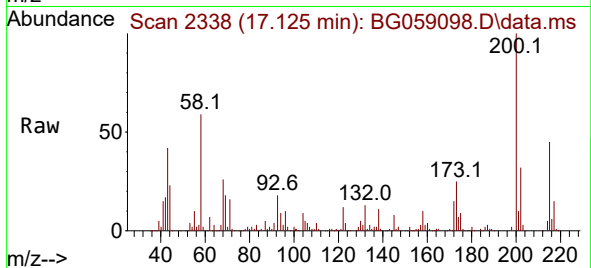
Tgt Ion:200 Resp: 318735

Ion Ratio Lower Upper

200 100

173 24.7 19.4 29.0

215 45.1 38.5 57.7



#71

Pentachlorophenol

Concen: 161.986 ng/ul

RT: 17.307 min Scan# 2369

Delta R.T. 0.011 min

Lab File: BG059098.D

Acq: 19 Sep 2023 21:06

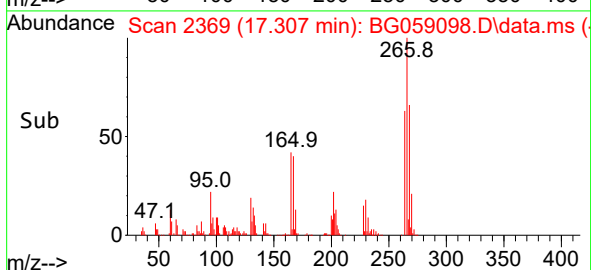
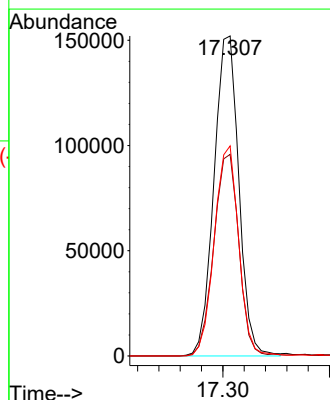
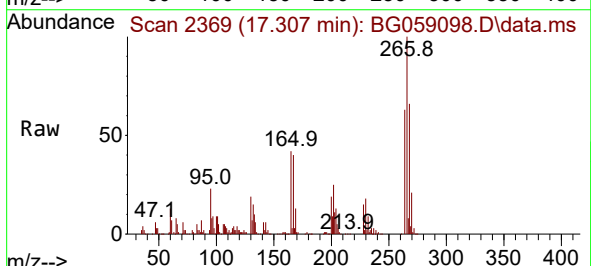
Tgt Ion:266 Resp: 245746

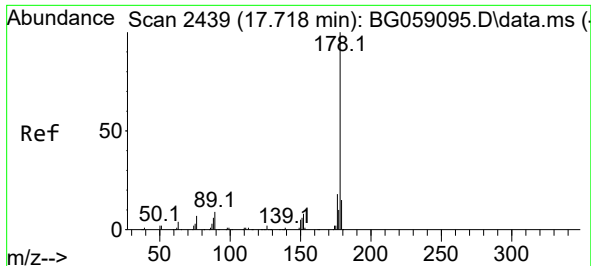
Ion Ratio Lower Upper

266 100

264 63.0 50.6 76.0

268 65.7 56.4 84.6

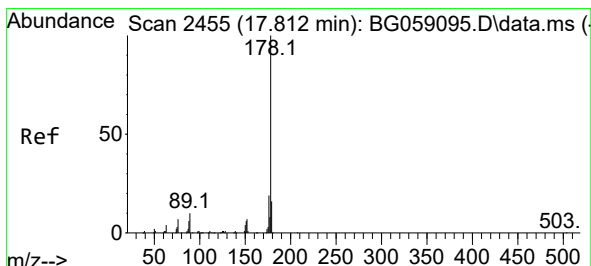
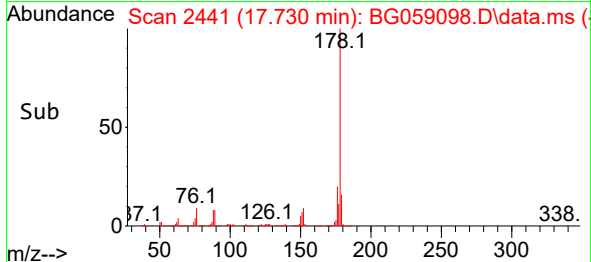
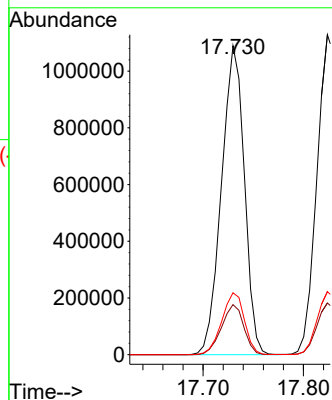
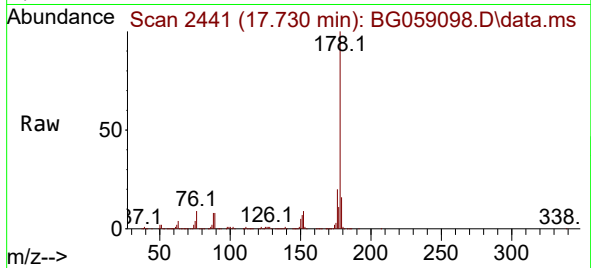




#72
Phenanthrene
Concen: 145.688 ng/ul
RT: 17.730 min Scan# 2441
Delta R.T. 0.011 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

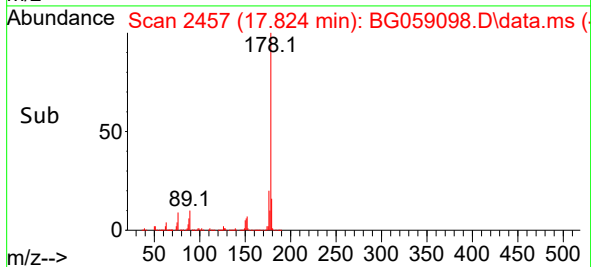
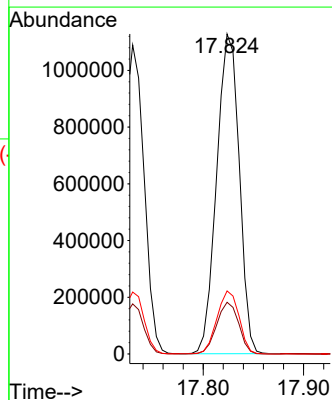
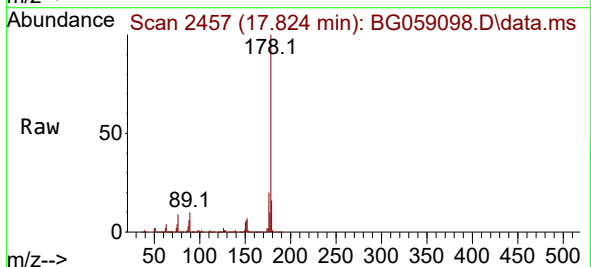
Instrument :
BNA_G
ClientSampleId :
SSTD160433

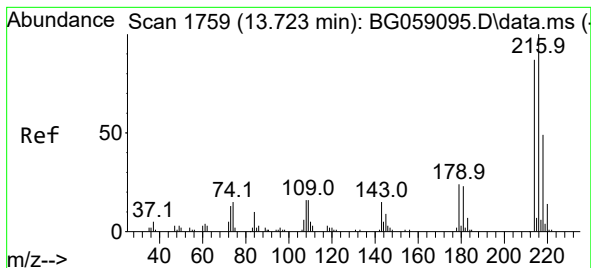
Tgt Ion:178 Resp: 1724523
Ion Ratio Lower Upper
178 100
179 16.2 11.8 17.8
176 20.0 14.6 21.8



#74
Anthracene
Concen: 143.618 ng/ul
RT: 17.824 min Scan# 2457
Delta R.T. 0.011 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion:178 Resp: 1760831
Ion Ratio Lower Upper
178 100
179 16.2 12.4 18.6
176 19.7 14.8 22.2

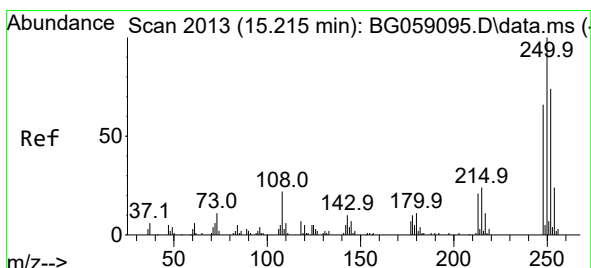
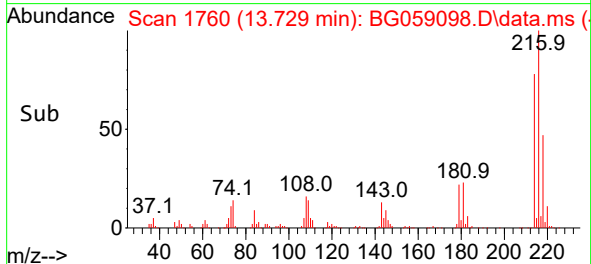
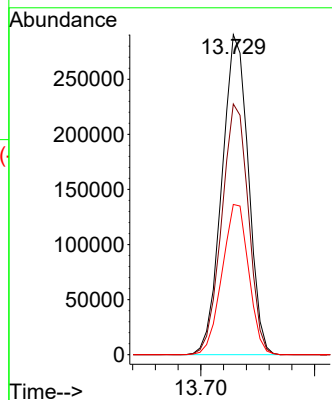
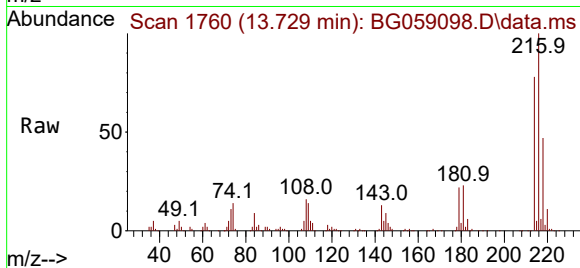




#75
1,2,3,4-Tetrachlorobenzene
Concen: 180.593 ng/uL
RT: 13.729 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

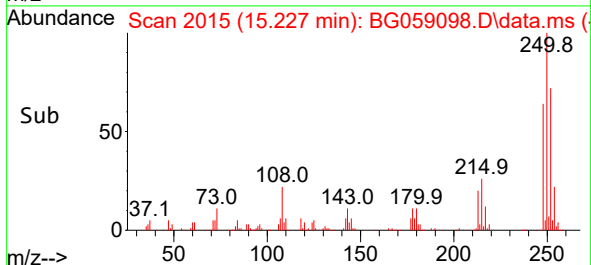
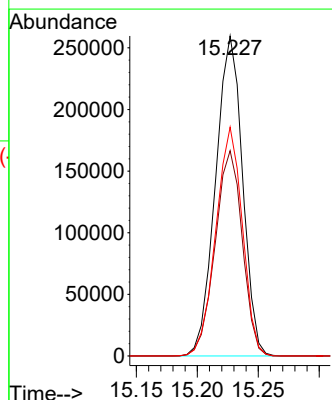
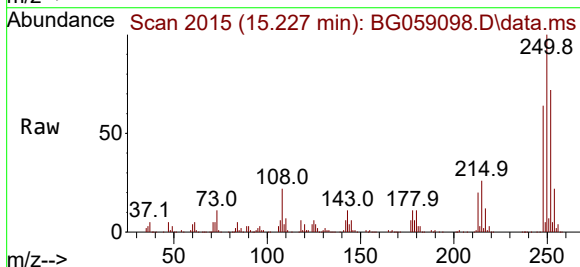
Instrument :
BNA_G
ClientSampleId :
SSTD160433

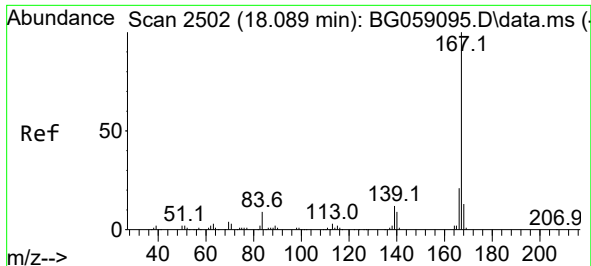
Tgt Ion:216 Resp: 469989
Ion Ratio Lower Upper
216 100
214 78.4 69.9 104.9
218 46.9 39.4 59.0



#76
Pentachlorobenzene
Concen: 160.160 ng/uL
RT: 15.227 min Scan# 2015
Delta R.T. 0.011 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion:250 Resp: 399664
Ion Ratio Lower Upper
250 100
248 64.2 52.5 78.7
252 71.5 59.4 89.2

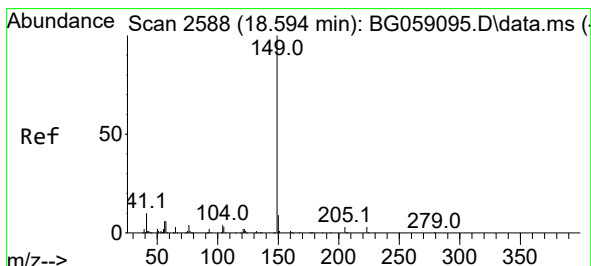
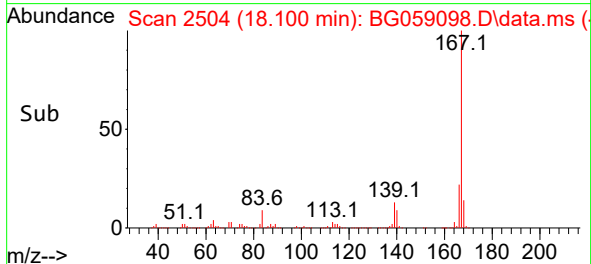
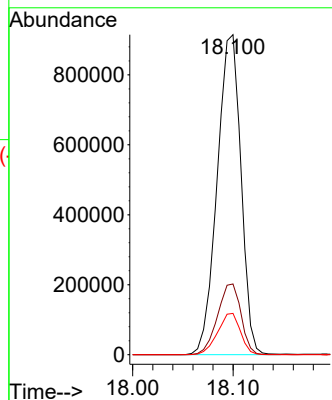
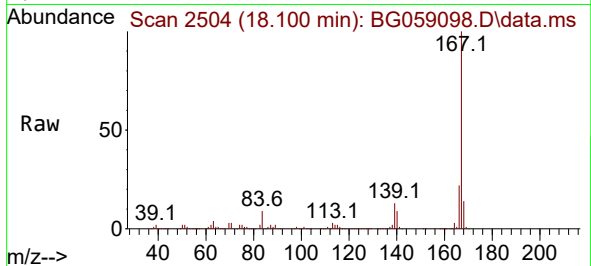




#77
Carbazole
Concen: 139.306 ng/ul
RT: 18.100 min Scan# 2504
Delta R.T. 0.011 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

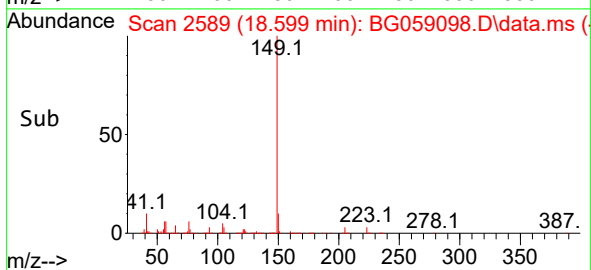
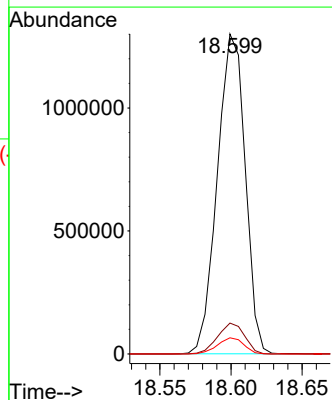
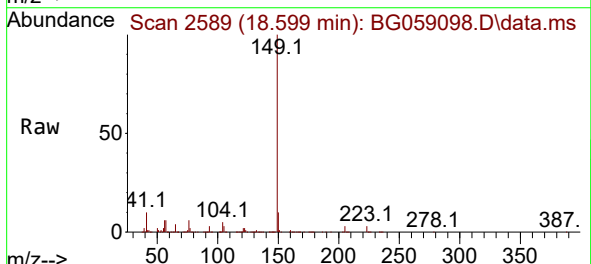
Instrument :
BNA_G
ClientSampleId :
SSTD160433

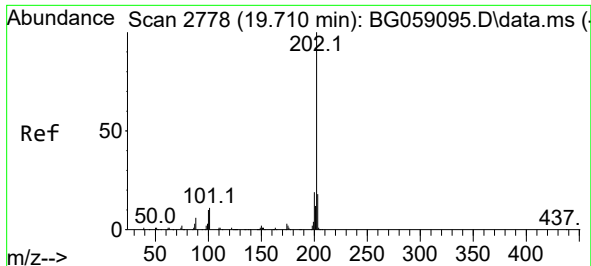
Tgt Ion:167 Resp: 1506773
Ion Ratio Lower Upper
167 100
166 22.1 16.7 25.1
139 12.9 9.4 14.0



#78
Di-n-butylphthalate
Concen: 125.578 ng/ul
RT: 18.599 min Scan# 2589
Delta R.T. 0.006 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion:149 Resp: 1773173
Ion Ratio Lower Upper
149 100
150 9.6 7.4 11.2
104 5.1 3.5 5.3

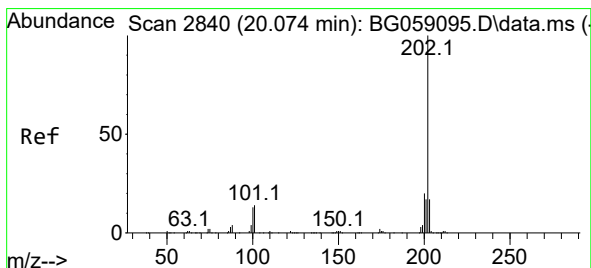
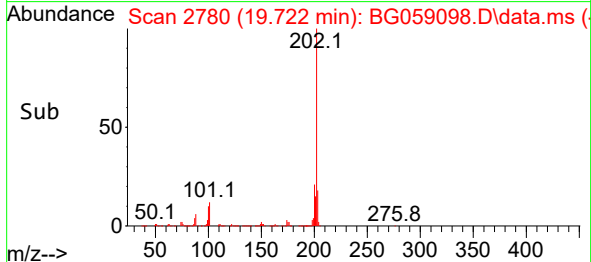
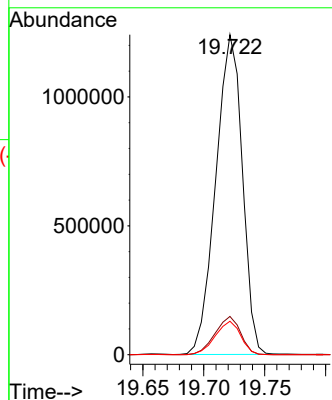
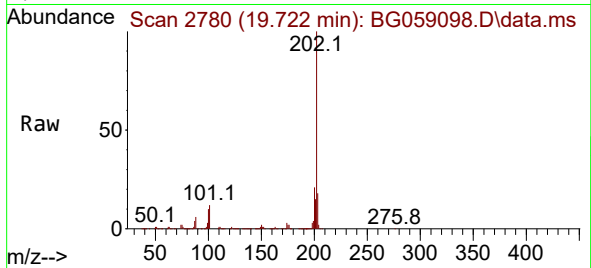




#80
Fluoranthene
Concen: 146.008 ng/uI
RT: 19.722 min Scan# 21
Delta R.T. 0.011 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

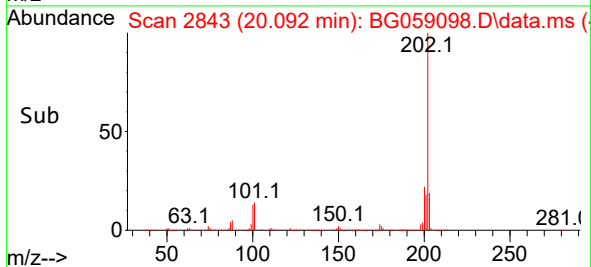
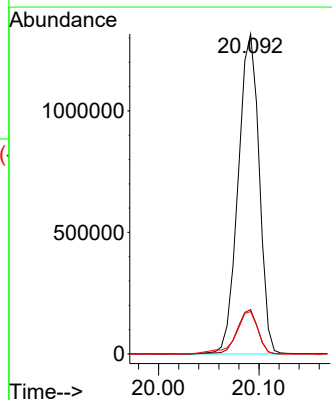
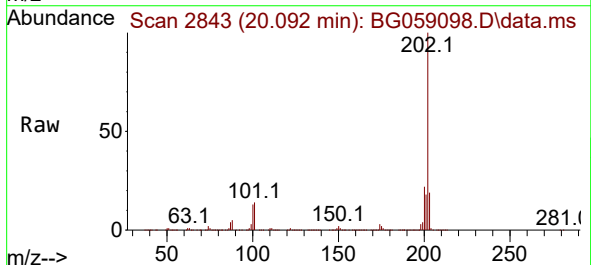
Instrument :
BNA_G
ClientSampleId :
SSTD160433

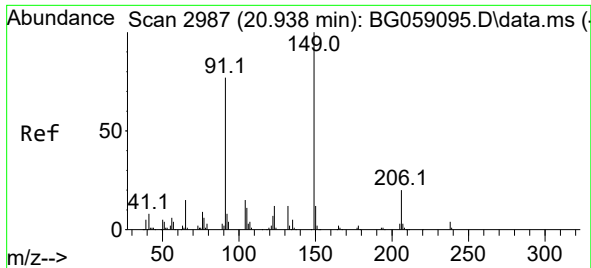
Tgt Ion:202 Resp: 1878962
Ion Ratio Lower Upper
202 100
101 11.9 9.2 13.8
100 10.4 7.7 11.5



#82
Pyrene
Concen: 142.533 ng/uI
RT: 20.092 min Scan# 2843
Delta R.T. 0.017 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion:202 Resp: 1915567
Ion Ratio Lower Upper
202 100
101 13.8 11.0 16.4
100 13.2 10.1 15.1

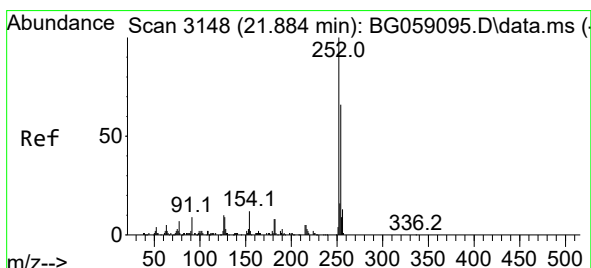
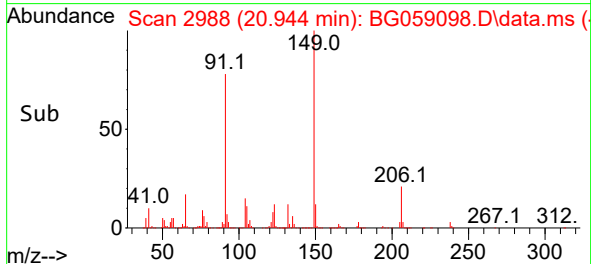
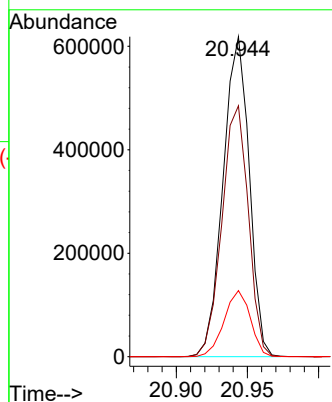
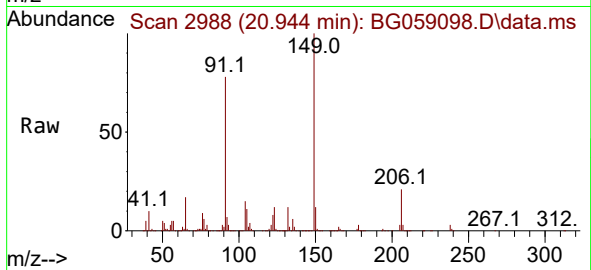




#83
Butylbenzylphthalate
Concen: 147.646 ng/ul
RT: 20.944 min Scan# 2988
Delta R.T. 0.006 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

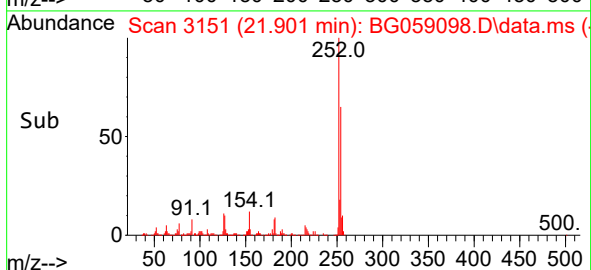
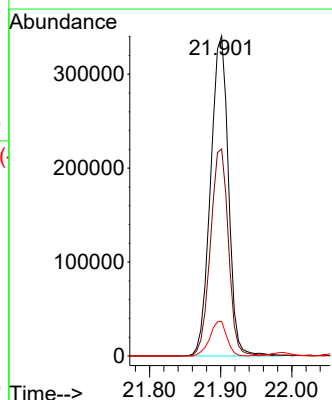
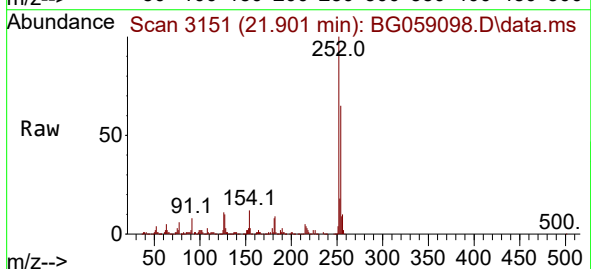
Instrument :
BNA_G
ClientSampleId :
SSTD160433

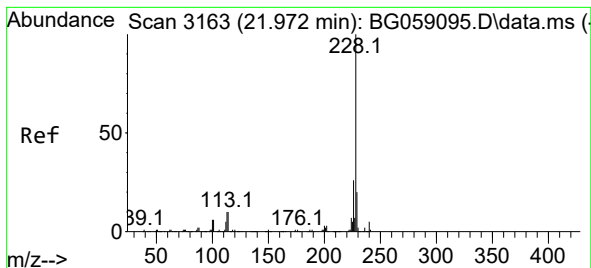
Tgt Ion:149 Resp: 791884
Ion Ratio Lower Upper
149 100
91 78.4 61.2 91.8
206 20.7 15.8 23.6



#84
3,3'-Dichlorobenzidine
Concen: 138.223 ng/ul
RT: 21.901 min Scan# 3151
Delta R.T. 0.017 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion:252 Resp: 595126
Ion Ratio Lower Upper
252 100
254 64.7 52.4 78.6
126 10.8 8.2 12.2





#85

Benzo(a)anthracene

Concen: 152.571 ng/ul

RT: 21.989 min Scan# 3166

Delta R.T. 0.017 min

Lab File: BG059098.D

Acq: 19 Sep 2023 21:06

Instrument :

BNA_G

ClientSampleId :

SSTD160433

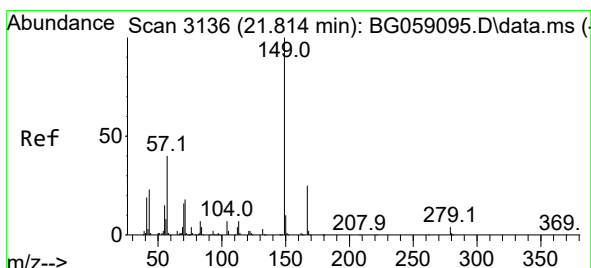
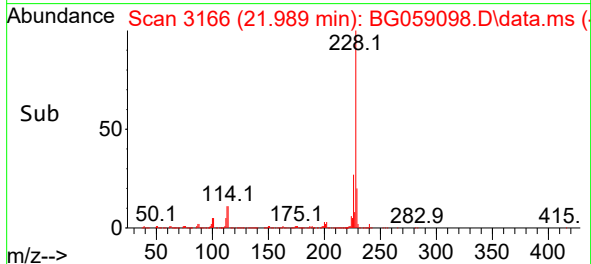
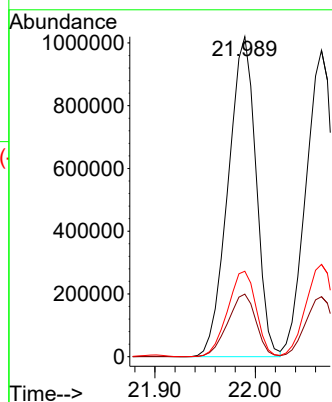
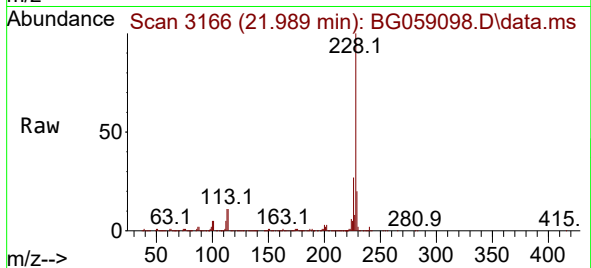
Tgt Ion:228 Resp: 1970654

Ion Ratio Lower Upper

228 100

229 19.6 16.1 24.1

226 26.7 20.6 30.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 148.022 ng/ul

RT: 21.819 min Scan# 3137

Delta R.T. 0.006 min

Lab File: BG059098.D

Acq: 19 Sep 2023 21:06

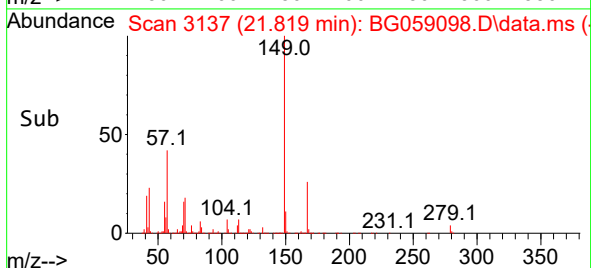
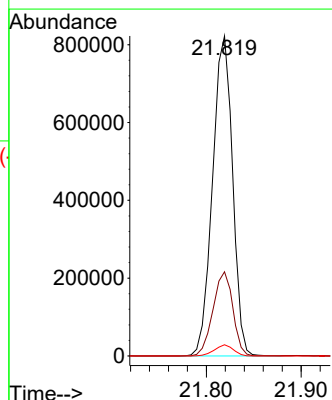
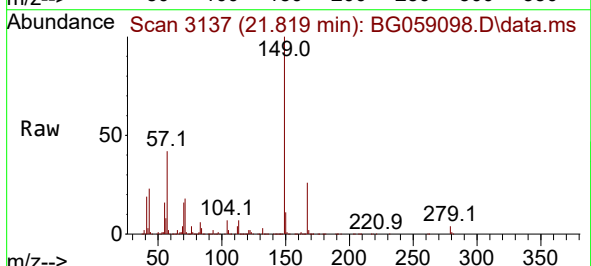
Tgt Ion:149 Resp: 1206822

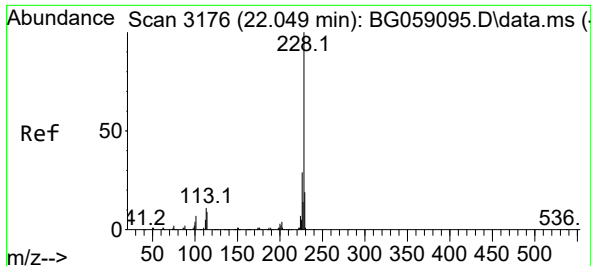
Ion Ratio Lower Upper

149 100

167 26.3 20.2 30.4

279 3.5 3.2 4.8

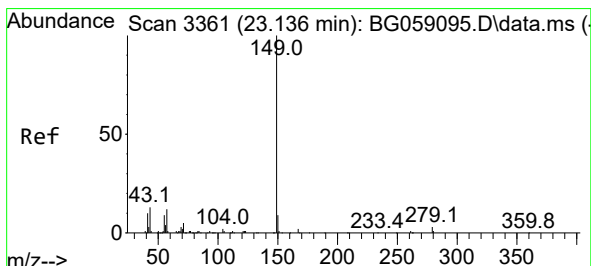
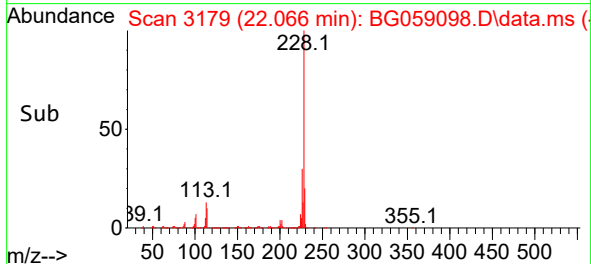
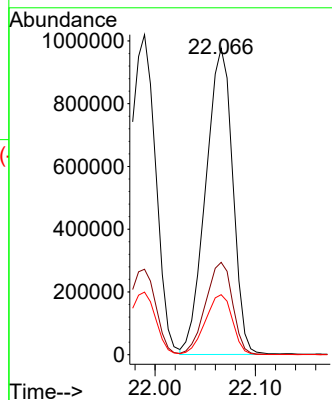
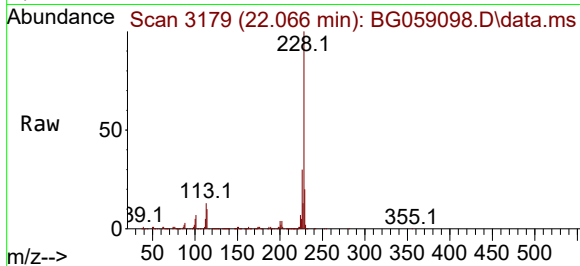




#87
Chrysene
Concen: 152.596 ng/ul
RT: 22.066 min Scan# 3176
Delta R.T. 0.017 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

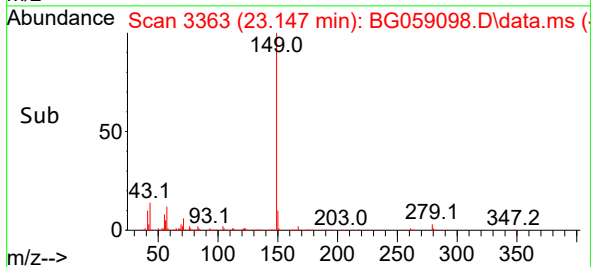
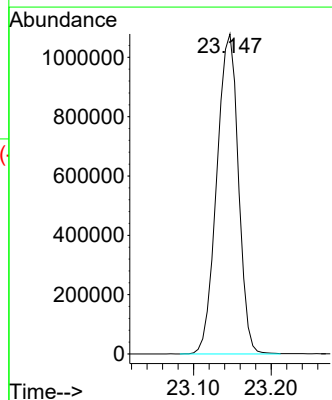
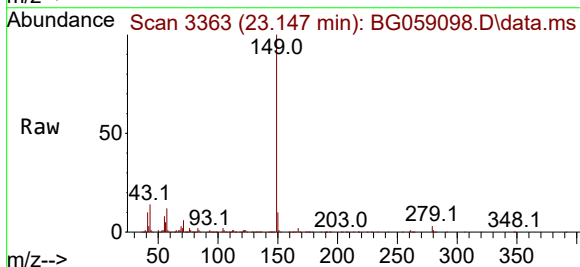
Instrument :
BNA_G
ClientSampleId :
SSTD160433

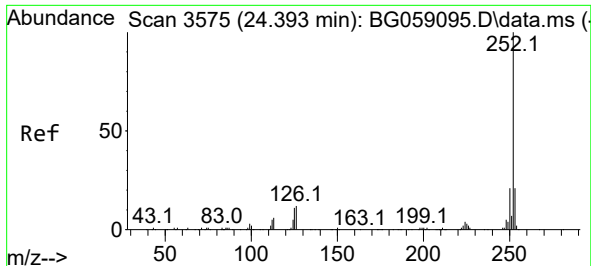
Tgt Ion:228 Resp: 1826790
Ion Ratio Lower Upper
228 100
226 30.1 23.3 34.9
229 19.6 15.6 23.4



#89
Di-n-octyl phthalate
Concen: 109265.100 ng/ul
RT: 23.147 min Scan# 3363
Delta R.T. 0.011 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion:149 Resp: 2089032

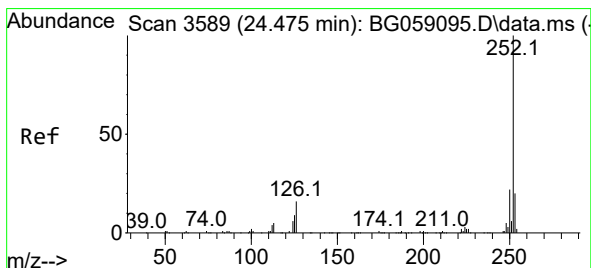
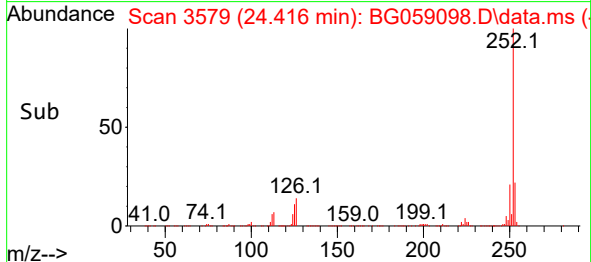
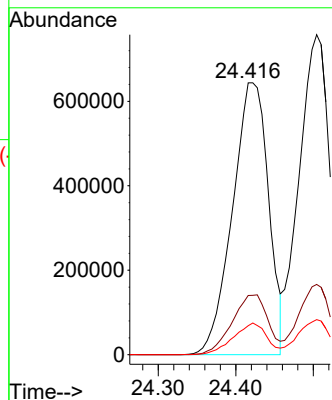
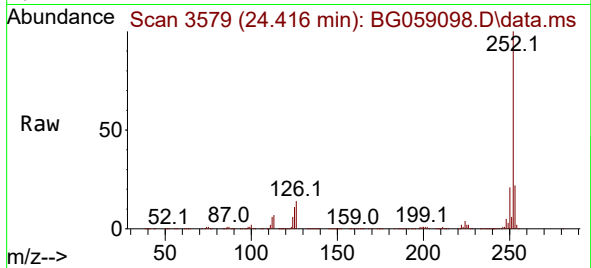




#90
Benzo(b)fluoranthene
Concen: 116455.924 ng/u1
RT: 24.416 min Scan# 3579
Delta R.T. 0.023 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

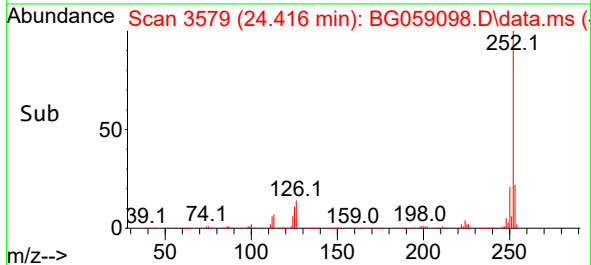
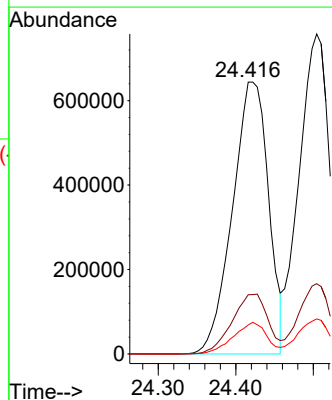
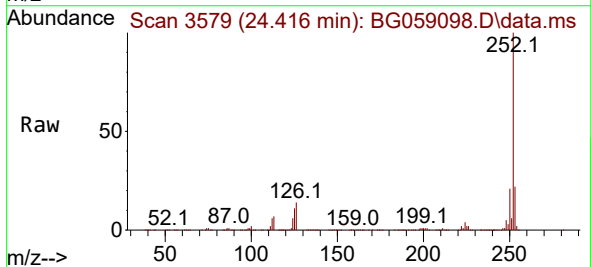
Instrument :
BNA_G
ClientSampleId :
SSTD160433

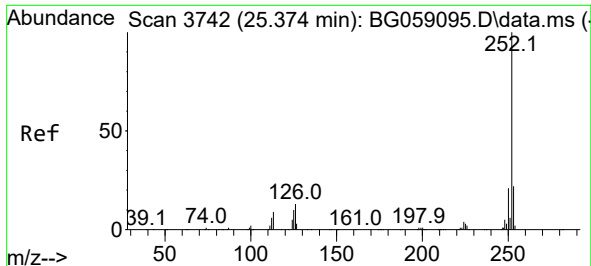
Tgt Ion:252 Resp: 2080830
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 10.6 8.6 13.0



#91
Benzo(k)fluoranthene
Concen: 116545.627 ng/u1
RT: 24.416 min Scan# 3579
Delta R.T. -0.059 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

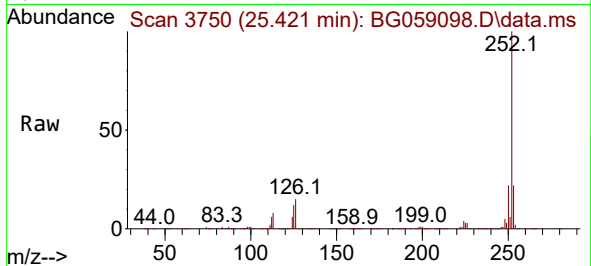
Tgt Ion:252 Resp: 2080830
Ion Ratio Lower Upper
252 100
253 21.8 16.5 24.7
125 10.6 7.9 11.9



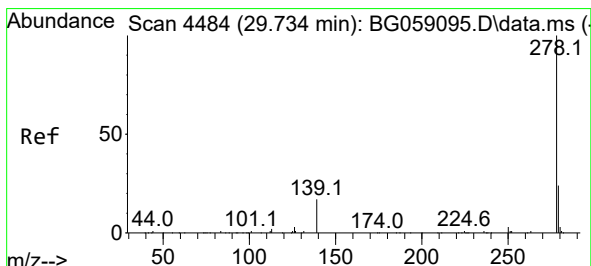
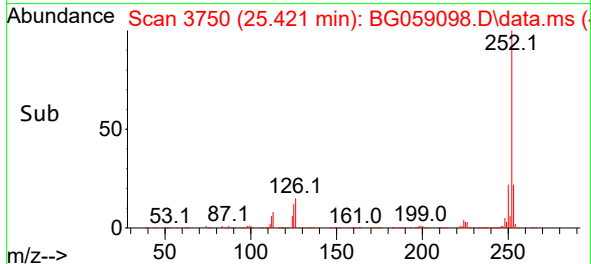
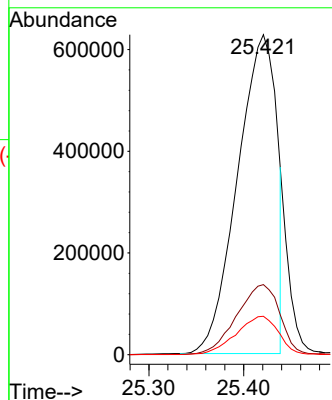


#93
Benzo(a)pyrene
Concen: 106660.288 ng/u1
RT: 25.421 min Scan# 3750
Delta R.T. 0.047 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Instrument :
BNA_G
ClientSampleId :
SSTD160433

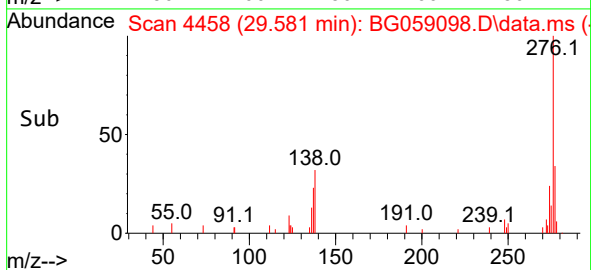
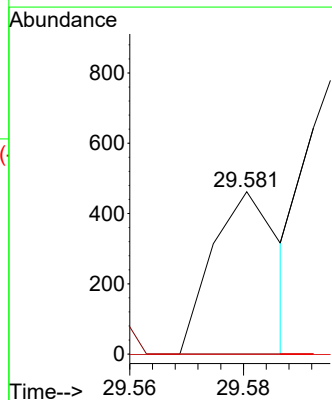
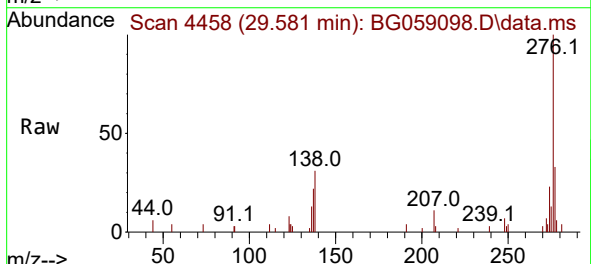


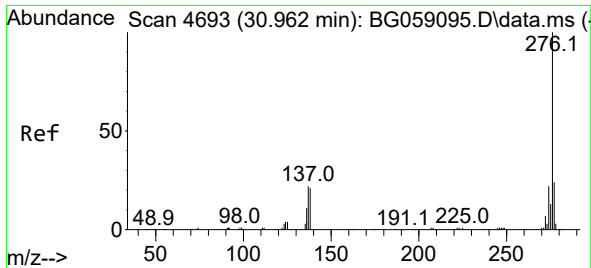
Tgt Ion:252 Resp: 1802348
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 12.0 8.3 12.5



#95
Dibenzo(a,h)anthracene
Concen: 25.406 ng/u1
RT: 29.581 min Scan# 4458
Delta R.T. -0.153 min
Lab File: BG059098.D
Acq: 19 Sep 2023 21:06

Tgt Ion:278 Resp: 385
Ion Ratio Lower Upper
278 100
139 0.0 13.8 20.6#
279 0.0 19.0 28.4#





#96
 Benzo(g,h,i)perylene
 Concen: 22.421 ng/ul
 RT: 30.803 min Scan# 4666
 Delta R.T. -0.159 min
 Lab File: BG059098.D
 Acq: 19 Sep 2023 21:06

Instrument :
 BNA_G
 ClientSampleId :
 SSTD160433

Tgt Ion:	276	Resp:	347
Ion Ratio	Lower	Upper	
276	100		
138	0.0	16.9	25.3#
277	0.0	19.3	28.9#

