

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060231.D
 Acq On : 3 Jan 2024 17:39
 Operator : MA/JU
 Sample : 05898-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-15-0-2MS

Quant Time: Jan 04 00:39:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	198577	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	832286	20.000	ng	0.00
39) Acenaphthene-d10	14.576	164	656686	20.000	ng	0.00
64) Phenanthrene-d10	17.320	188	1660010	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1488911	20.000	ng	0.00
86) Perylene-d12	24.765	264	1664913	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1178008	89.538	ng	0.00
7) Phenol-d6	7.097	99	1761105	90.154	ng	0.00
23) Nitrobenzene-d5	9.095	82	1049582	58.249	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	806164	91.709	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	2525192	55.266	ng	0.00
79) Terphenyl-d14	19.941	244	4005537	51.720	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.407	88	220314	37.638	ng	97
3) Pyridine	3.801	79	560124	33.741	ng	98
4) n-Nitrosodimethylamine	3.719	42	238850	38.568	ng	93
6) Aniline	7.256	93	649525	33.187	ng	95
8) 2-Chlorophenol	7.497	128	590713	46.718	ng	99
9) Benzaldehyde	7.073	77	174510	14.859	ng	89
10) Phenol	7.126	94	915229	46.461	ng	97
11) bis(2-Chloroethyl)ether	7.356	93	653688	41.008	ng	95
12) 1,3-Dichlorobenzene	7.826	146	643025	41.197	ng	100
13) 1,4-Dichlorobenzene	7.972	146	664882	42.134	ng	97
14) 1,2-Dichlorobenzene	8.284	146	630571	40.875	ng	97
15) Benzyl Alcohol	8.172	79	583868	48.154	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.460	45	815751	39.875	ng	99
17) 2-Methylphenol	8.378	107	583268	47.287	ng	98
18) Hexachloroethane	9.018	117	221150	44.499	ng	95
19) n-Nitroso-di-n-propyla...	8.736	70	539555	40.431	ng	98
20) 3+4-Methylphenols	8.701	107	798285	45.664	ng	98
22) Acetophenone	8.754	105	1013309	41.093	ng	# 99
24) Nitrobenzene	9.142	77	755351	40.972	ng	99
25) Isophorone	9.659	82	1491364	39.560	ng	98
26) 2-Nitrophenol	9.847	139	321526	49.979	ng	97
27) 2,4-Dimethylphenol	9.905	122	501441	55.027	ng	98
28) bis(2-Chloroethoxy)met...	10.140	93	913366	41.366	ng	97
29) 2,4-Dichlorophenol	10.387	162	684951	47.560	ng	97
30) 1,2,4-Trichlorobenzene	10.599	180	710608	40.539	ng	100
31) Naphthalene	10.787	128	1825449	41.545	ng	99
32) Benzoic acid	10.046	122	389894	47.904	ng	95
33) 4-Chloroaniline	10.898	127	417173	24.311	ng	98
34) Hexachlorobutadiene	11.075	225	398109	38.187	ng	98
35) Caprolactam	11.662	113	137985	28.803	ng	# 85
36) 4-Chloro-3-methylphenol	12.021	107	700311	47.249	ng	97
37) 2-Methylnaphthalene	12.397	142	1344322	42.357	ng	98
38) 1-Methylnaphthalene	12.614	142	1327026	41.355	ng	99
40) 1,2,4,5-Tetrachloroben...	12.767	216	886908	42.164	ng	99
41) Hexachlorocyclopentadiene	12.743	237	880406	129.489	ng	99
43) 2,4,6-Trichlorophenol	13.002	196	615502	44.528	ng	97

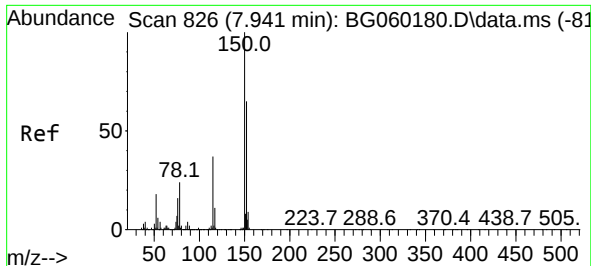
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 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.078	196	707166	45.732	ng	96
46) 1,1'-Biphenyl	13.407	154	2054987	42.533	ng	99
47) 2-Chloronaphthalene	13.448	162	1685160	40.939	ng	99
48) 2-Nitroaniline	13.654	65	534721	49.707	ng	98
49) Acenaphthylene	14.294	152	2755603	46.462	ng	99
50) Dimethylphthalate	14.030	163	2138245	42.173	ng	99
51) 2,6-Dinitrotoluene	14.148	165	480208	45.536	ng	99
52) Acenaphthene	14.641	154	1542118	41.667	ng	99
53) 3-Nitroaniline	14.482	138	342782	34.496	ng	98
54) 2,4-Dinitrophenol	14.682	184	594006	95.004	ng	97
55) Dibenzofuran	14.976	168	2675248	43.153	ng	99
56) 4-Nitrophenol	14.788	139	793575	105.653	ng	97
57) 2,4-Dinitrotoluene	14.935	165	670759	46.776	ng	# 96
58) Fluorene	15.622	166	2196689	43.203	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.199	232	635191	47.128	ng	98
60) Diethylphthalate	15.393	149	2079091	43.001	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	1107239	41.821	ng	99
62) 4-Nitroaniline	15.646	138	486185	46.422	ng	91
63) Azobenzene	15.910	77	2179757	43.484	ng	97
65) 4,6-Dinitro-2-methylph...	15.699	198	396525	47.738	ng	99
66) n-Nitrosodiphenylamine	15.828	169	1941587	43.405	ng	99
67) 4-Bromophenyl-phenylether	16.509	248	701668	39.868	ng	98
68) Hexachlorobenzene	16.627	284	833348	40.385	ng	98
69) Atrazine	16.780	200	764065	46.474	ng	98
70) Pentachlorophenol	16.968	266	1029545	90.822	ng	98
71) Phenanthrene	17.367	178	3516965	42.862	ng	99
72) Anthracene	17.455	178	3536203	43.387	ng	97
73) Carbazole	17.726	167	3259513	42.166	ng	97
74) Di-n-butylphthalate	18.284	149	3444348	45.978	ng	98
75) Fluoranthene	19.377	202	3963965	41.186	ng	98
77) Benzidine	19.559	184	1107886	26.885	ng	99
78) Pyrene	19.741	202	4085033	40.815	ng	97
80) Butylbenzylphthalate	20.628	149	1651375	55.957	ng	98
81) Benzo(a)anthracene	21.568	228	4098976	43.299	ng	97
82) 3,3'-Dichlorobenzidine	21.486	252	1125182	32.685	ng	99
83) Chrysene	21.633	228	3841395	41.768	ng	96
84) Bis(2-ethylhexyl)phtha...	21.474	149	2448602	54.712	ng	98
85) Di-n-octyl phthalate	22.673	149	4067296	55.520	ng	100
87) Indeno(1,2,3-cd)pyrene	28.384	276	5208209	44.370	ng	# 93
88) Benzo(b)fluoranthene	23.754	252	4330696	43.285	ng	98
89) Benzo(k)fluoranthene	23.824	252	4171282	41.422	ng	97
90) Benzo(a)pyrene	24.612	252	3873866	42.796	ng	99
91) Dibenzo(a,h)anthracene	28.448	278	4336992	44.968	ng	99
92) Benzo(g,h,i)perylene	29.518	276	4191692	42.908	ng	98

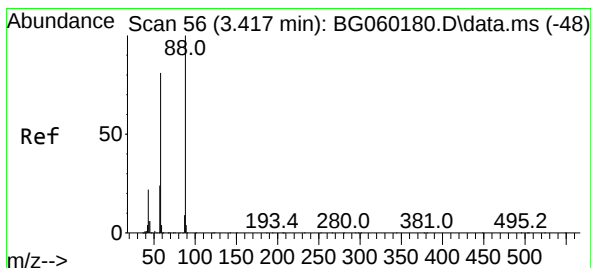
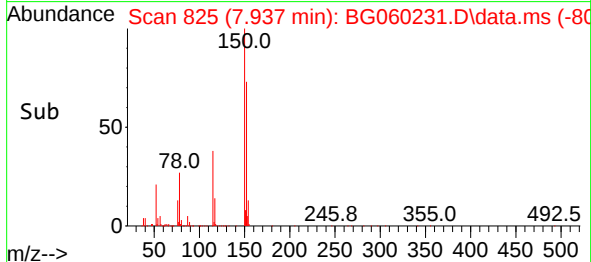
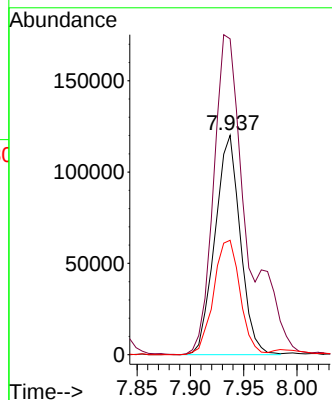
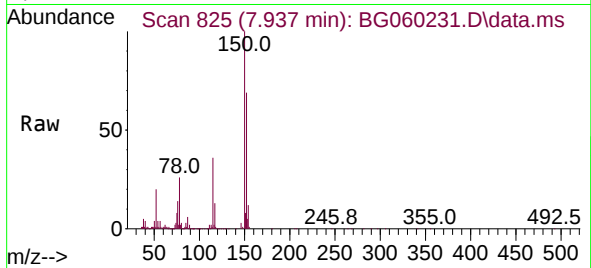
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060231.D
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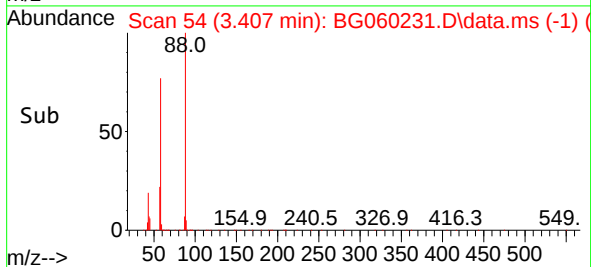
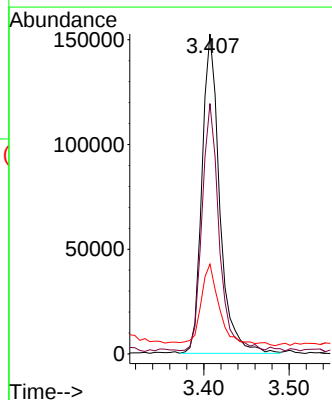
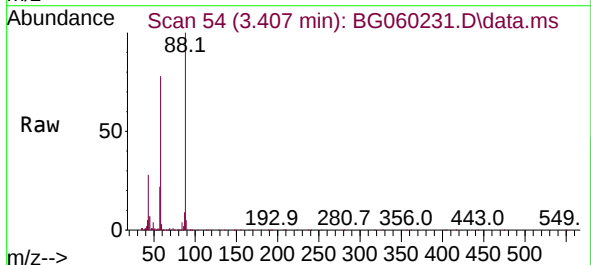
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

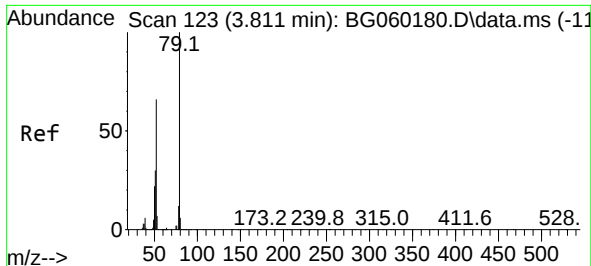
Tgt Ion:152 Resp: 198577
Ion Ratio Lower Upper
152 100
150 143.9 123.4 185.0
115 52.2 45.4 68.0



#2
1,4-Dioxane
Concen: 37.638 ng
RT: 3.407 min Scan# 54
Delta R.T. -0.010 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion: 88 Resp: 220314
Ion Ratio Lower Upper
88 100
58 74.5 60.5 90.7
43 27.3 18.9 28.3

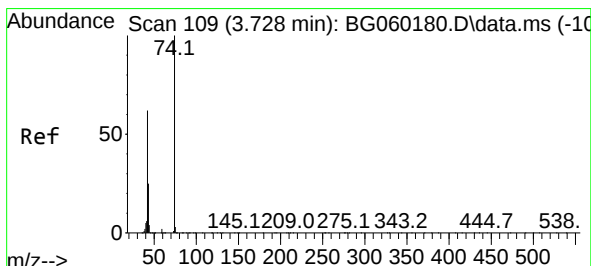
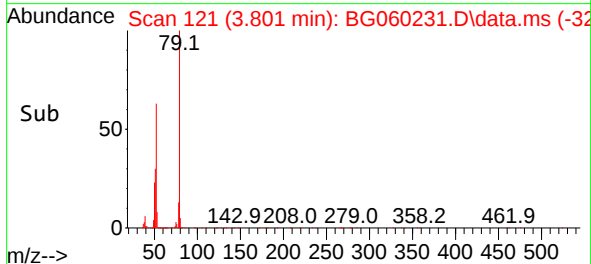
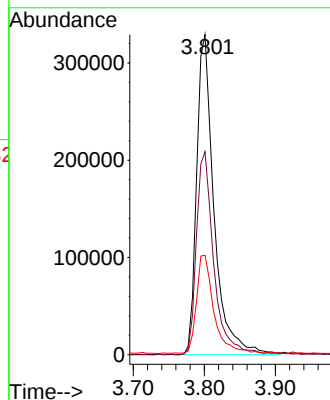
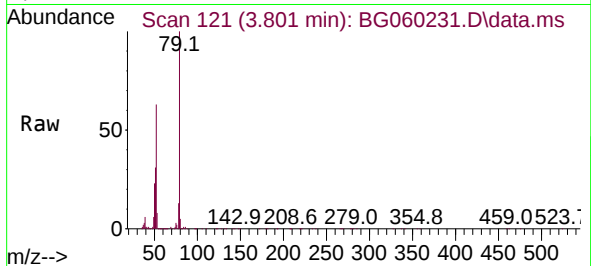




#3
Pyridine
Concen: 33.741 ng
RT: 3.801 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

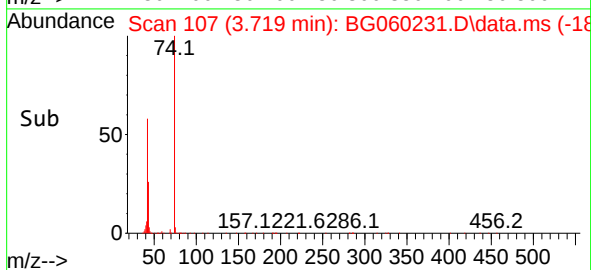
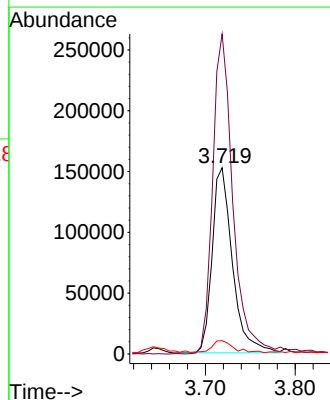
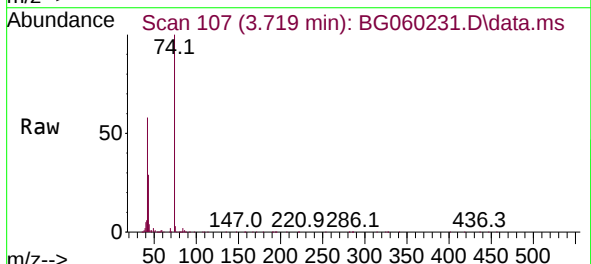
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

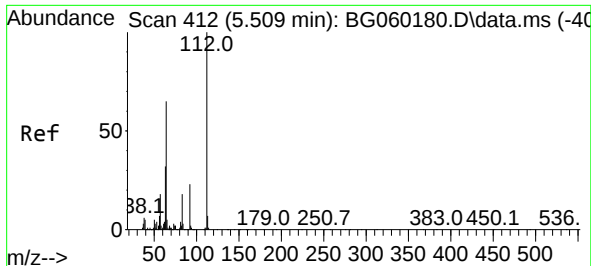
Tgt Ion: 79 Resp: 560124
Ion Ratio Lower Upper
79 100
52 63.5 52.9 79.3
51 31.1 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 38.568 ng
RT: 3.719 min Scan# 107
Delta R.T. -0.010 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion: 42 Resp: 238850
Ion Ratio Lower Upper
42 100
74 171.8 129.5 194.3
44 7.2 5.9 8.9

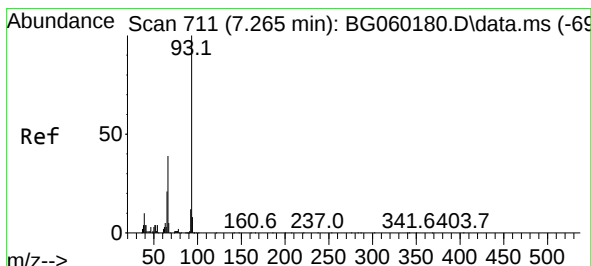
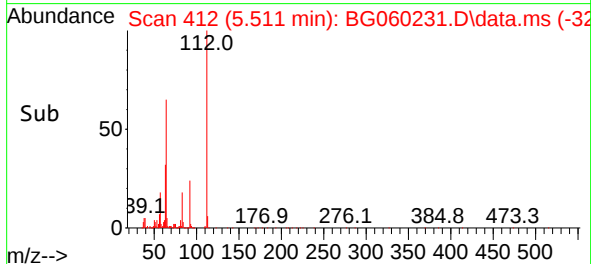
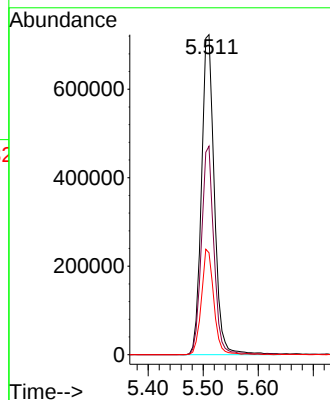
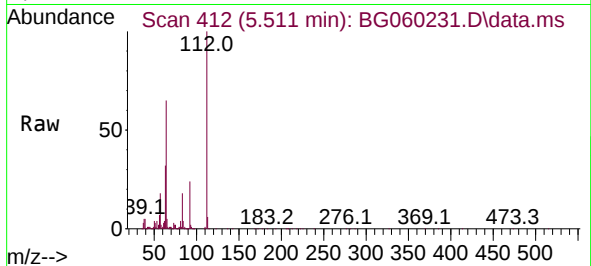




#5
2-Fluorophenol
Concen: 89.538 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

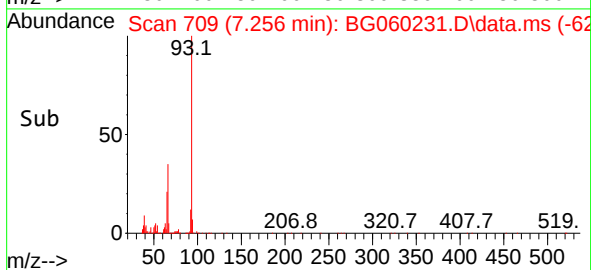
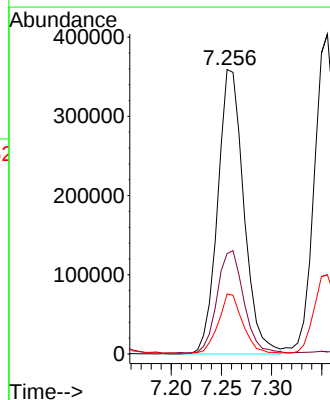
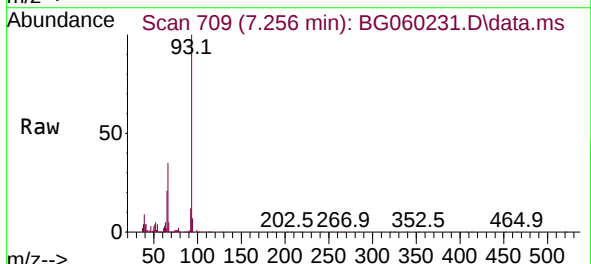
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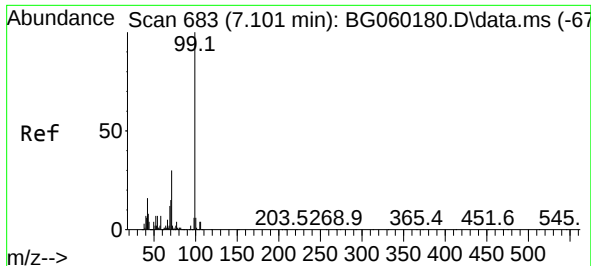
Tgt Ion:112 Resp: 1178008
Ion Ratio Lower Upper
112 100
64 65.1 52.2 78.4
63 31.8 25.4 38.0



#6
Aniline
Concen: 33.187 ng
RT: 7.256 min Scan# 709
Delta R.T. -0.010 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion: 93 Resp: 649525
Ion Ratio Lower Upper
93 100
66 35.3 31.7 47.5
65 21.1 16.7 25.1

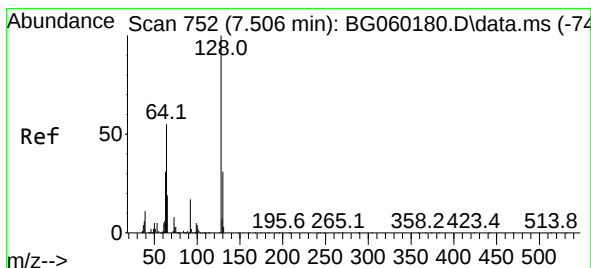
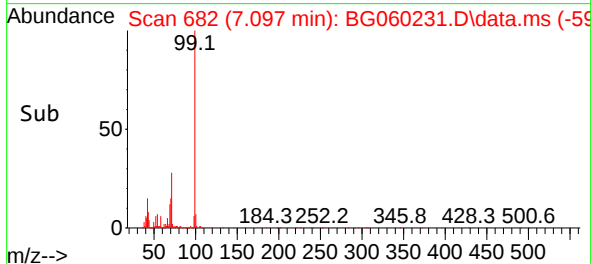
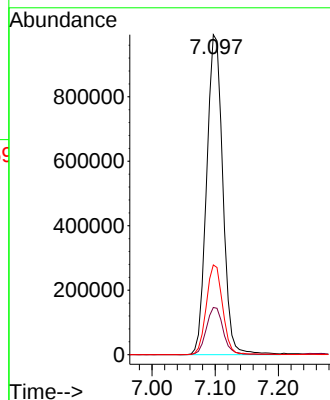
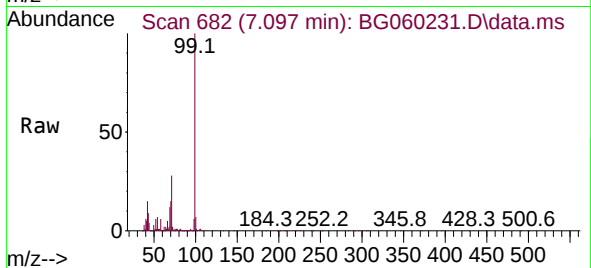




#7
Phenol-d6
Concen: 90.154 ng
RT: 7.097 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

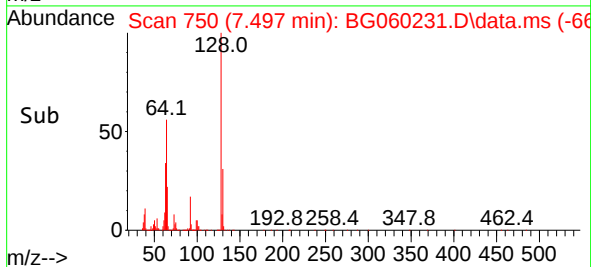
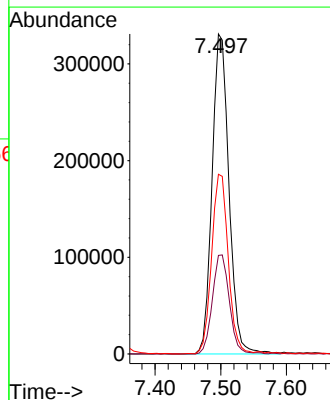
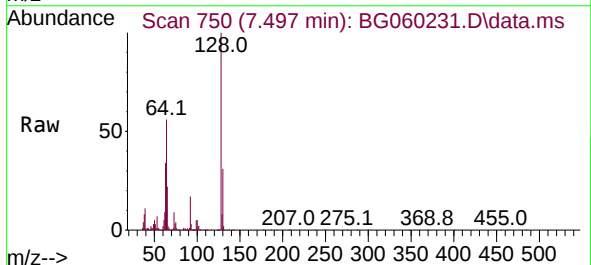
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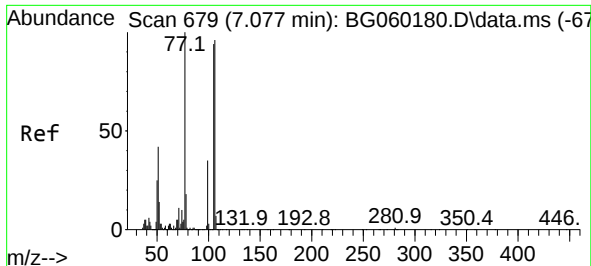
Tgt Ion: 99 Resp: 1761105
Ion Ratio Lower Upper
99 100
42 14.8 12.5 18.7
71 28.0 24.1 36.1



#8
2-Chlorophenol
Concen: 46.718 ng
RT: 7.497 min Scan# 750
Delta R.T. -0.010 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:128 Resp: 590713
Ion Ratio Lower Upper
128 100
130 30.8 11.3 51.3
64 56.1 36.4 76.4

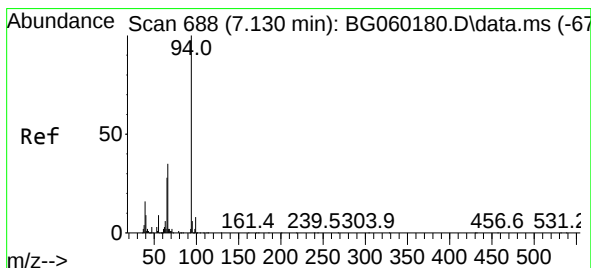
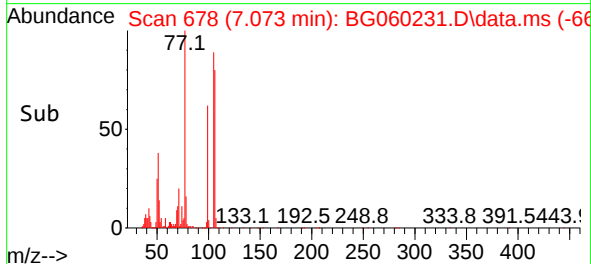
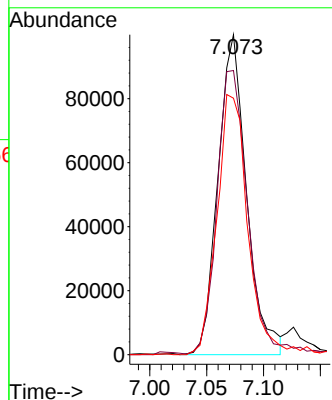
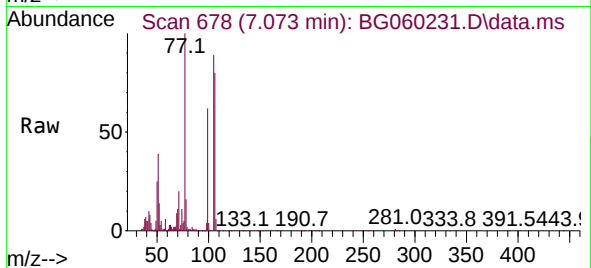




#9
Benzaldehyde
Concen: 14.859 ng
RT: 7.073 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

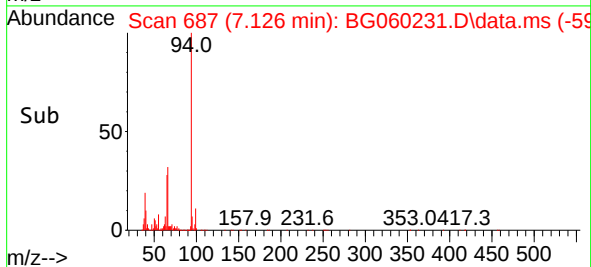
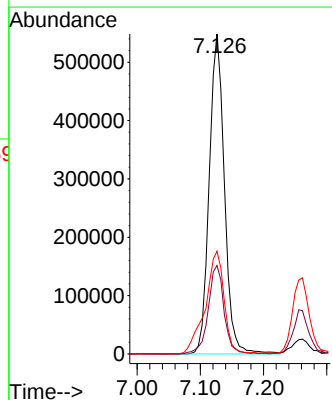
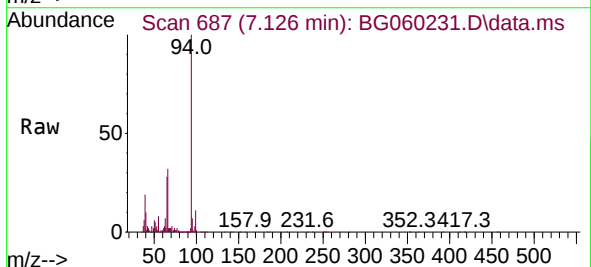
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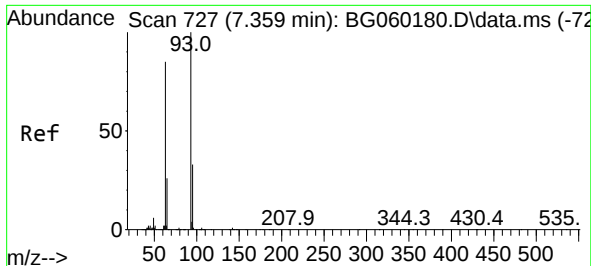
Tgt Ion: 77 Resp: 174510
Ion Ratio Lower Upper
77 100
105 88.8 73.8 113.8
106 80.1 76.2 116.2



#10
Phenol
Concen: 46.461 ng
RT: 7.126 min Scan# 687
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion: 94 Resp: 915229
Ion Ratio Lower Upper
94 100
65 27.6 8.4 48.4
66 32.1 15.0 55.0

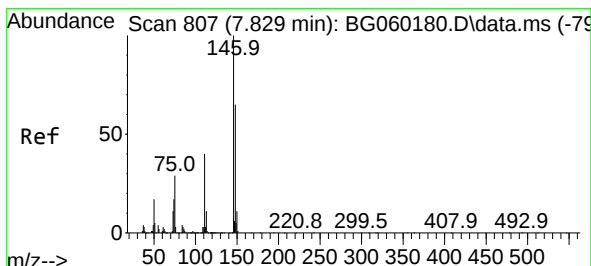
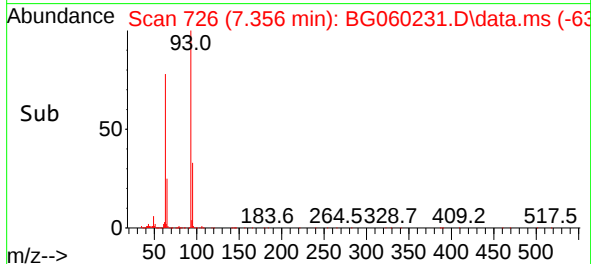
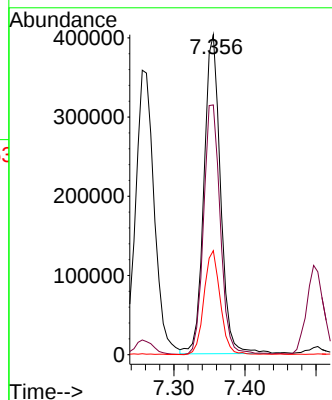
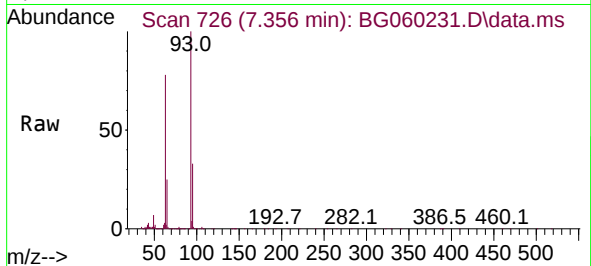




#11
bis(2-Chloroethyl)ether
Concen: 41.008 ng
RT: 7.356 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

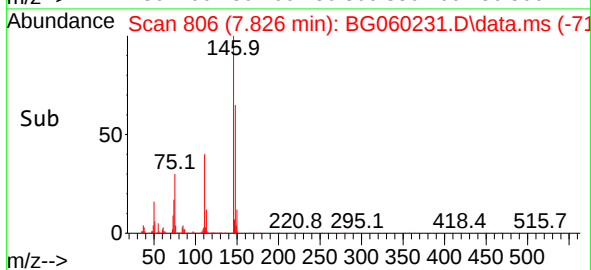
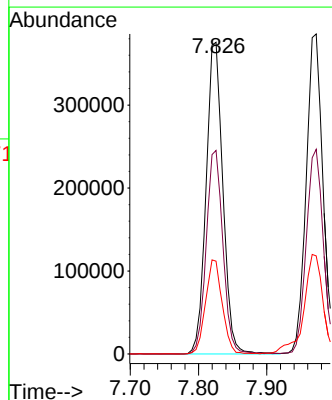
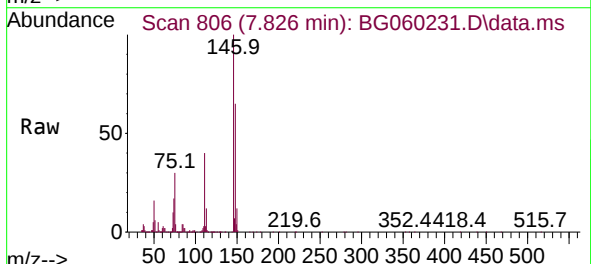
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

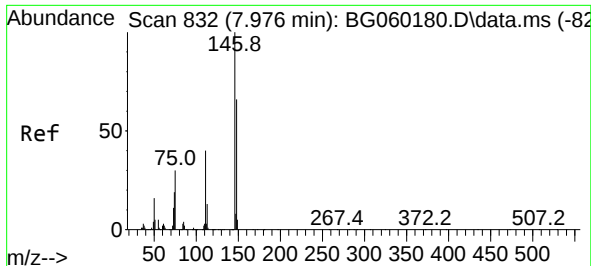
Tgt Ion: 93 Resp: 653688
Ion Ratio Lower Upper
93 100
63 78.0 63.8 103.8
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.197 ng
RT: 7.826 min Scan# 806
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion: 146 Resp: 643025
Ion Ratio Lower Upper
146 100
148 65.3 52.2 78.4
75 29.8 23.4 35.2

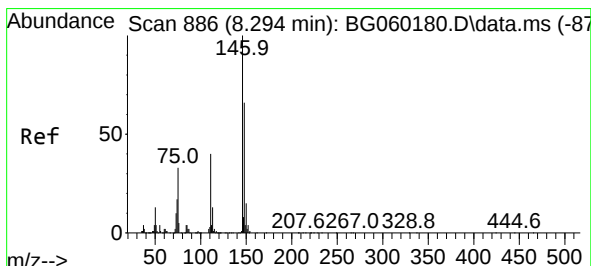
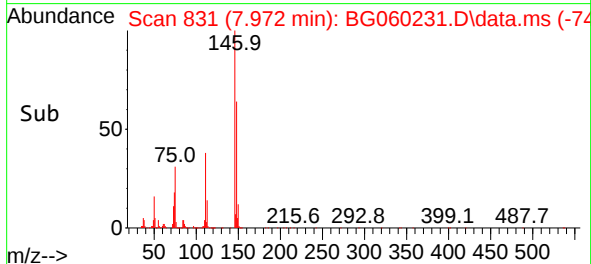
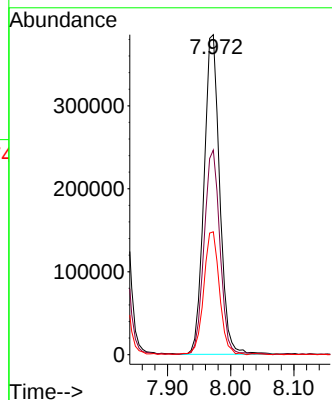
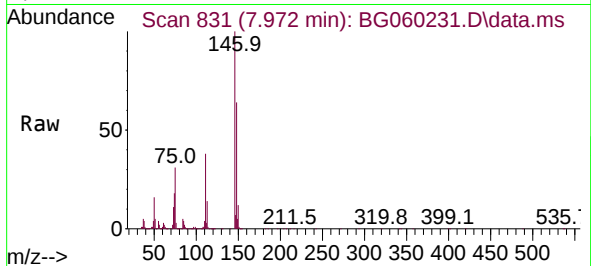




#13
1,4-Dichlorobenzene
Concen: 42.134 ng
RT: 7.972 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

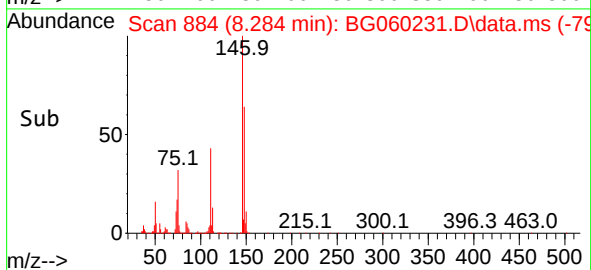
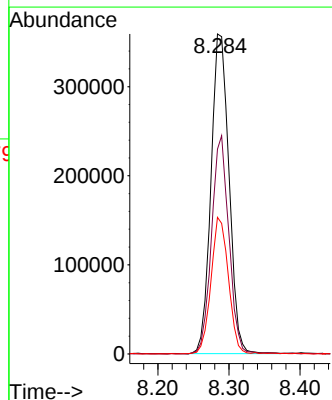
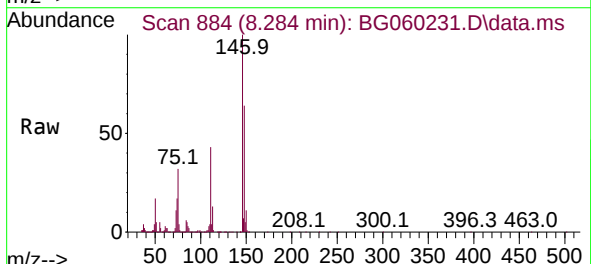
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

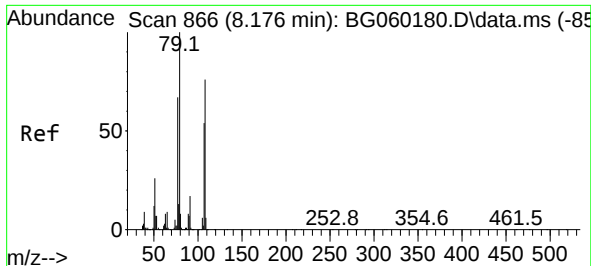
Tgt Ion:146 Resp: 664882
Ion Ratio Lower Upper
146 100
148 63.9 53.0 79.4
111 38.4 32.0 48.0



#14
1,2-Dichlorobenzene
Concen: 40.875 ng
RT: 8.284 min Scan# 884
Delta R.T. -0.010 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:146 Resp: 630571
Ion Ratio Lower Upper
146 100
148 64.0 52.9 79.3
111 42.7 31.8 47.8

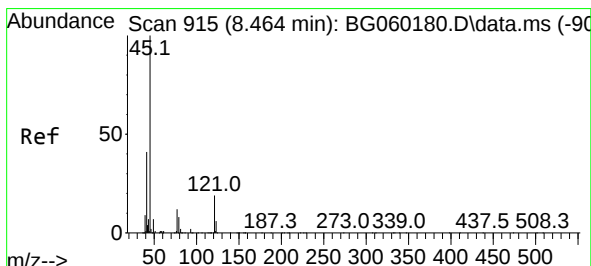
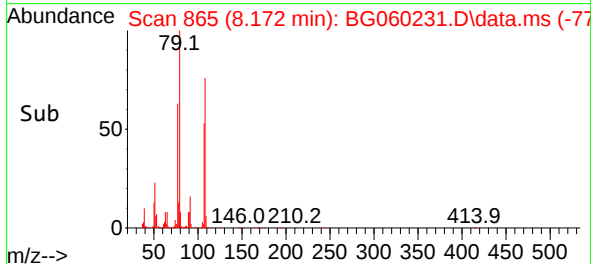
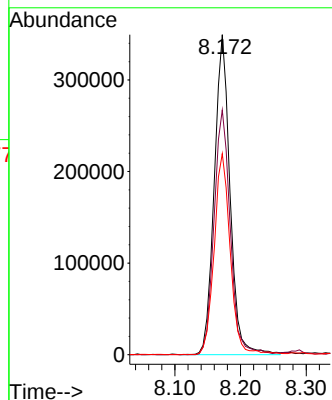
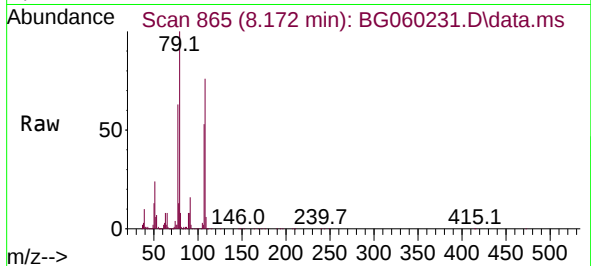




#15
Benzyl Alcohol
Concen: 48.154 ng
RT: 8.172 min Scan# 80
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

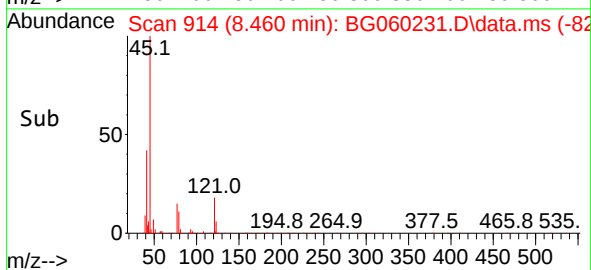
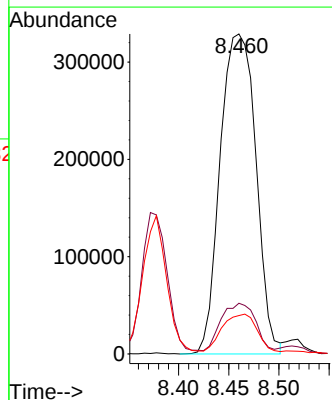
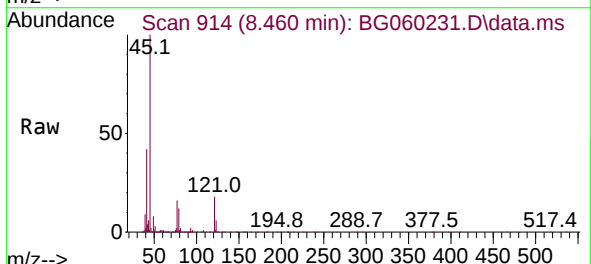
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

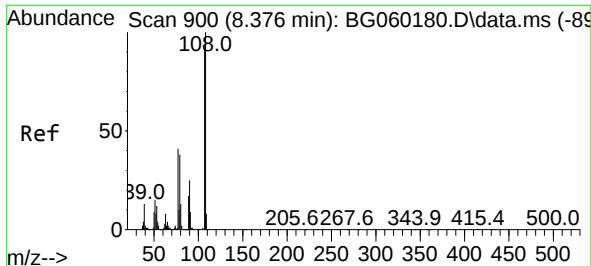
Tgt Ion: 79 Resp: 583868
Ion Ratio Lower Upper
79 100
108 76.5 60.6 91.0
77 62.8 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.875 ng
RT: 8.460 min Scan# 914
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion: 45 Resp: 815751
Ion Ratio Lower Upper
45 100
77 15.9 0.0 35.5
79 12.0 0.0 31.5

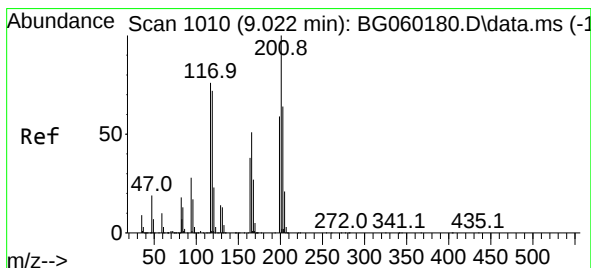
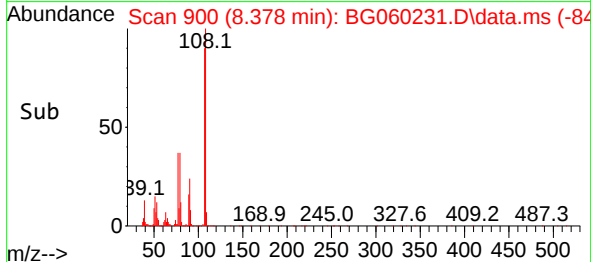
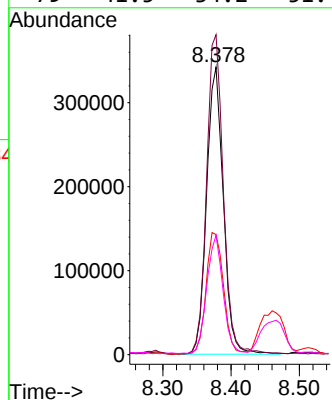
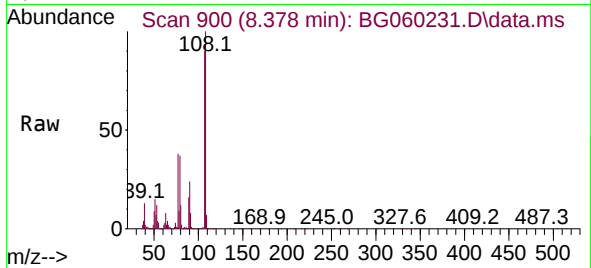




#17
2-Methylphenol
Concen: 47.287 ng
RT: 8.378 min Scan# 900
Delta R.T. 0.002 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

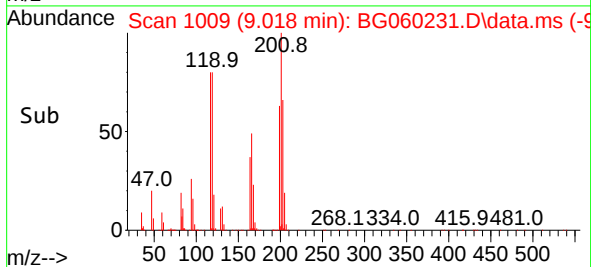
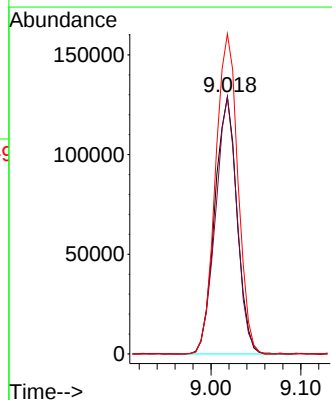
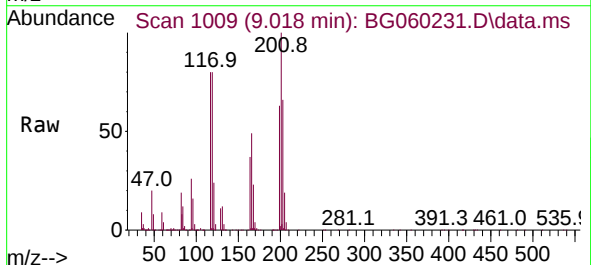
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

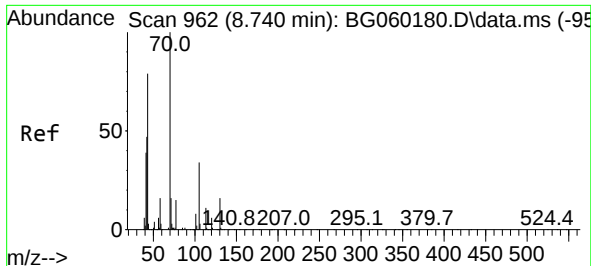
Tgt Ion:107 Resp: 583268
Ion Ratio Lower Upper
107 100
108 111.3 88.7 133.1
77 41.8 36.4 54.6
79 41.5 34.2 51.4



#18
Hexachloroethane
Concen: 44.499 ng
RT: 9.018 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:117 Resp: 221150
Ion Ratio Lower Upper
117 100
119 99.9 76.0 114.0
201 128.0 107.5 161.3

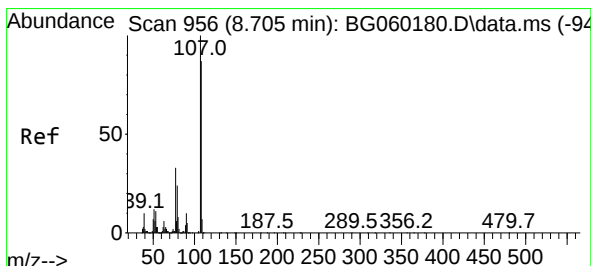
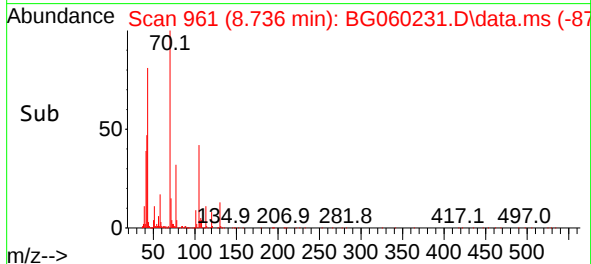
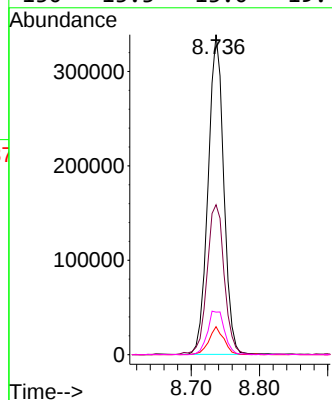
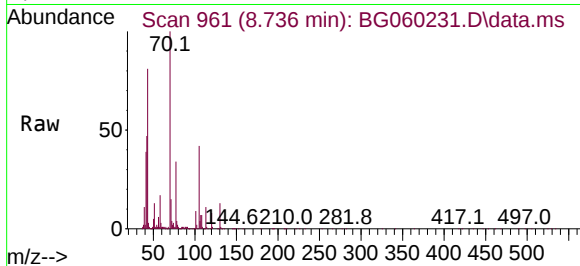




#19
n-Nitroso-di-n-propylamine
Concen: 40.431 ng
RT: 8.736 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

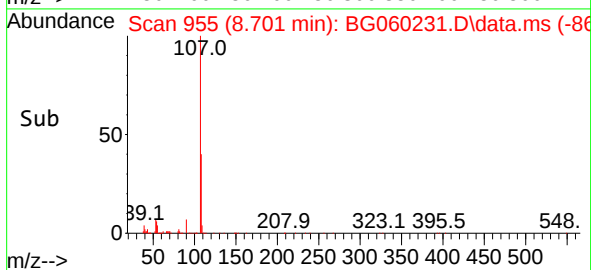
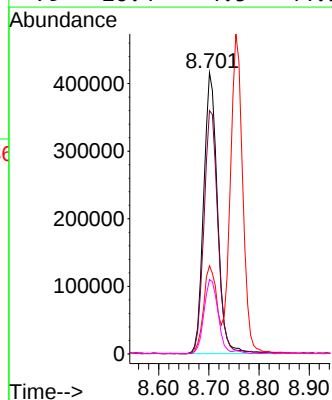
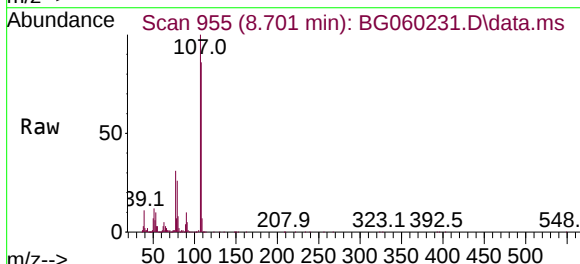
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

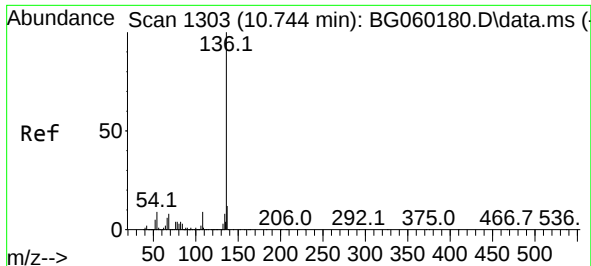
Tgt Ion: 70 Resp: 539555
Ion Ratio Lower Upper
70 100
42 46.9 37.9 56.9
101 8.8 6.2 9.2
130 13.3 13.0 19.4



#20
3+4-Methylphenols
Concen: 45.664 ng
RT: 8.701 min Scan# 955
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion: 107 Resp: 798285
Ion Ratio Lower Upper
107 100
108 86.5 67.4 107.4
77 31.4 12.8 52.8
79 26.4 4.5 44.5



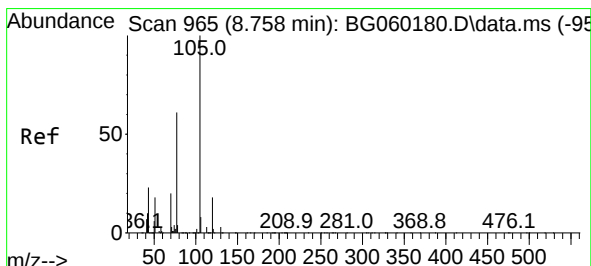
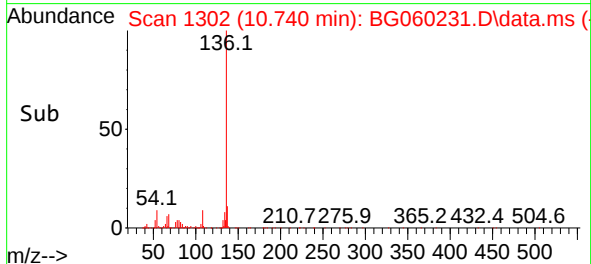
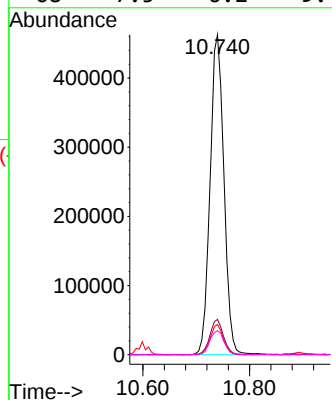
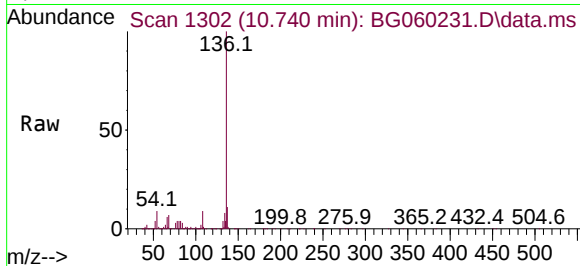


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

Tgt Ion:136 Resp: 832286

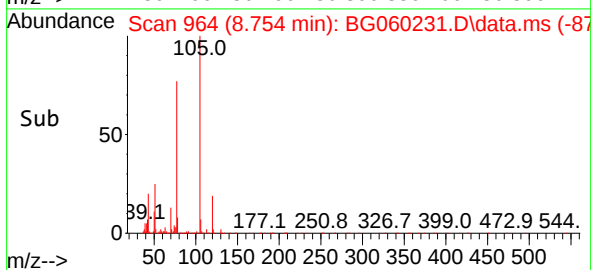
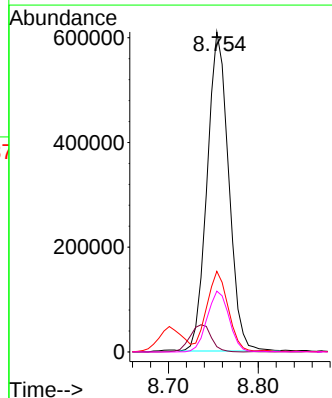
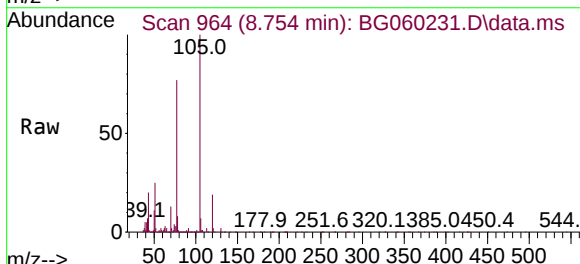
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.0
54	9.4	7.4	11.2
68	7.5	6.2	9.4

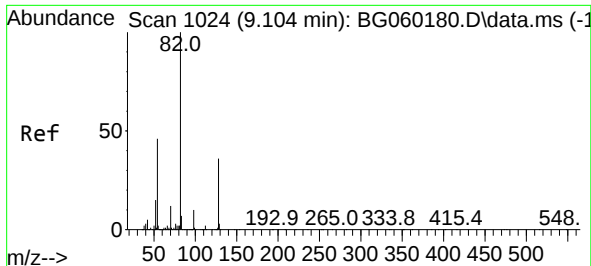


#22
Acetophenone
Concen: 41.093 ng
RT: 8.754 min Scan# 964
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:105 Resp: 1013309

Ion	Ratio	Lower	Upper
105	100		
71	1.7	2.6	3.8
51	25.2	20.0	30.0
120	19.0	14.6	22.0



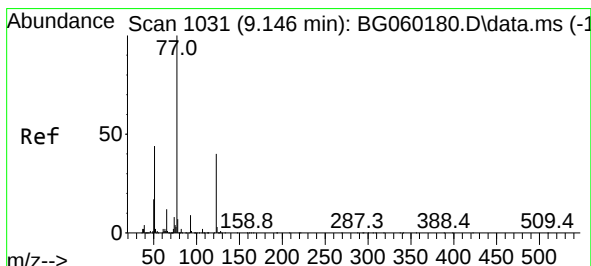
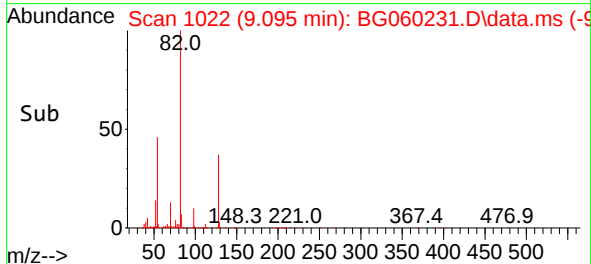
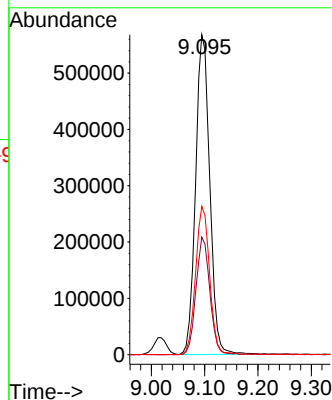
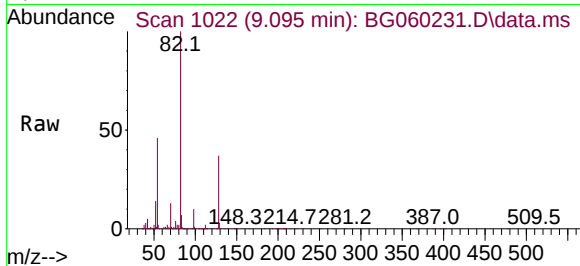


#23
Nitrobenzene-d5
Concen: 58.249 ng
RT: 9.095 min Scan# 1022
Delta R.T. -0.010 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

Tgt Ion: 82 Resp: 1049582

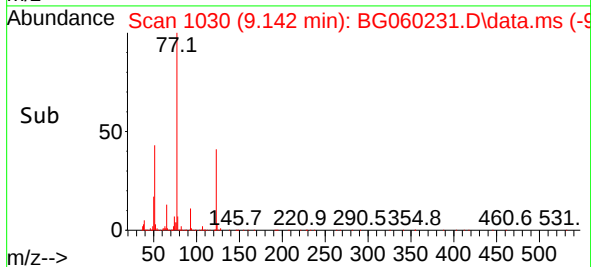
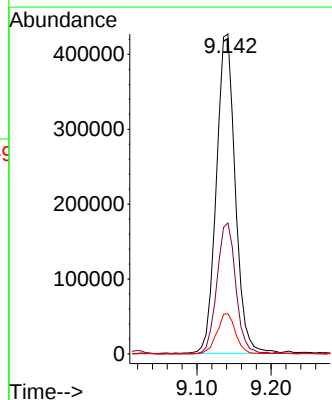
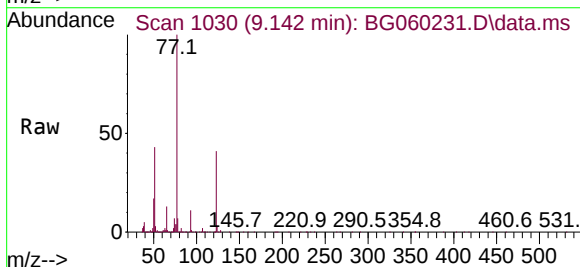
Ion	Ratio	Lower	Upper
82	100		
128	36.7	28.7	43.1
54	46.3	36.9	55.3

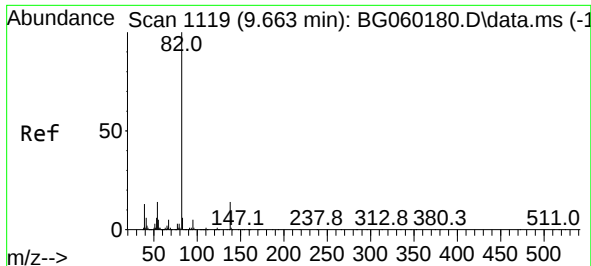


#24
Nitrobenzene
Concen: 40.972 ng
RT: 9.142 min Scan# 1030
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion: 77 Resp: 755351

Ion	Ratio	Lower	Upper
77	100		
123	41.0	31.9	47.9
65	12.6	9.9	14.9

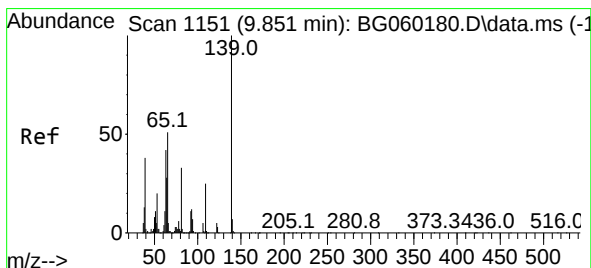
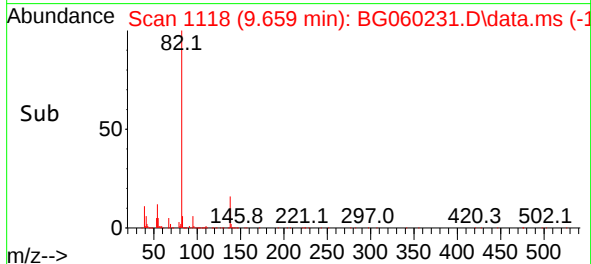
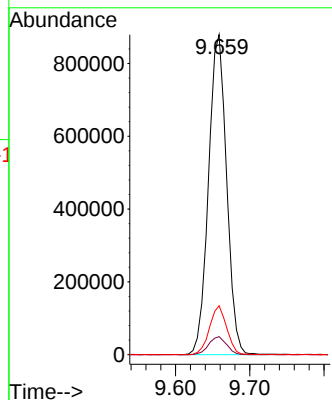
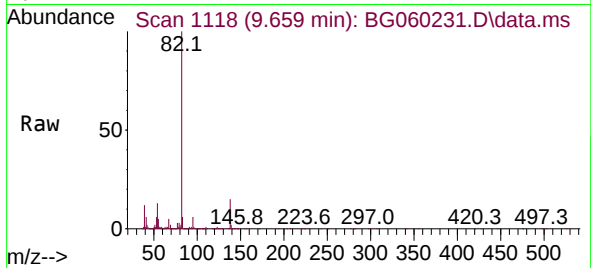




#25
Isophorone
Concen: 39.560 ng
RT: 9.659 min Scan# 1119
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

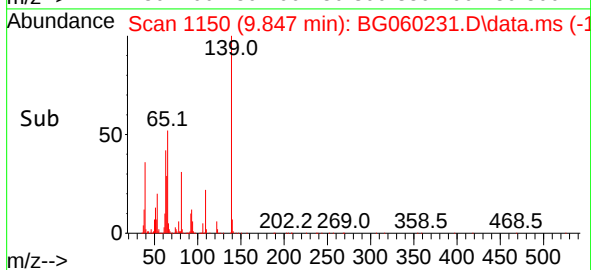
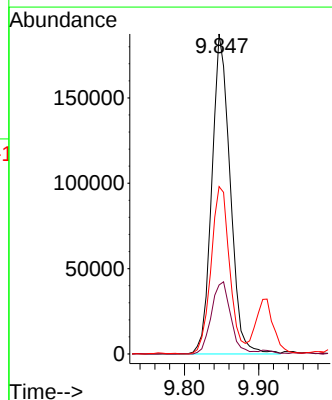
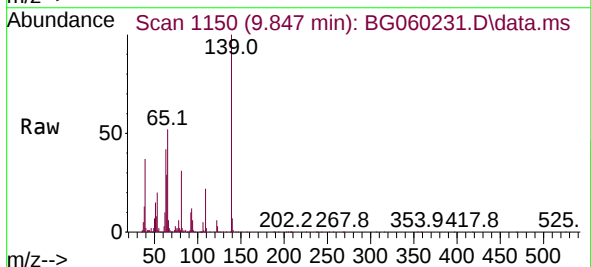
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

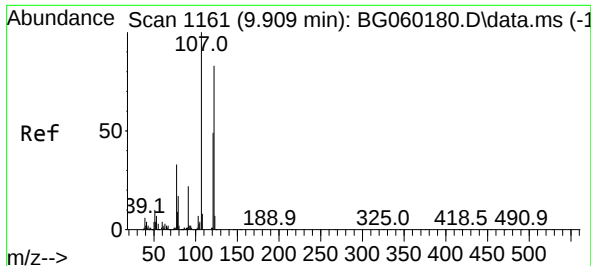
Tgt Ion: 82 Resp: 1491364
Ion Ratio Lower Upper
82 100
95 5.7 4.4 6.6
138 15.3 11.5 17.3



#26
2-Nitrophenol
Concen: 49.979 ng
RT: 9.847 min Scan# 1150
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion: 139 Resp: 321526
Ion Ratio Lower Upper
139 100
109 21.5 19.8 29.8
65 52.3 40.8 61.2





#27

2,4-Dimethylphenol

Concen: 55.027 ng

RT: 9.905 min Scan# 1161

Delta R.T. -0.004 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2MS

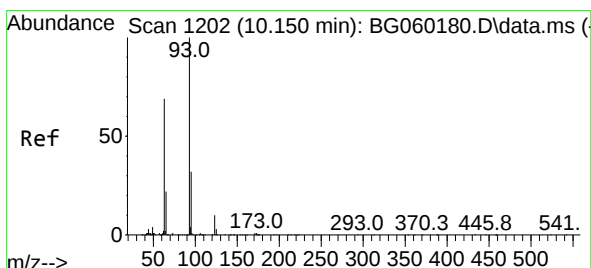
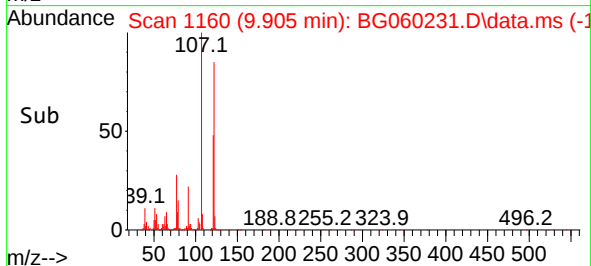
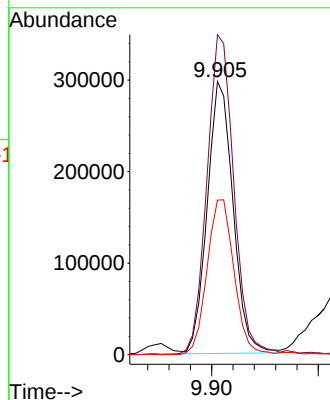
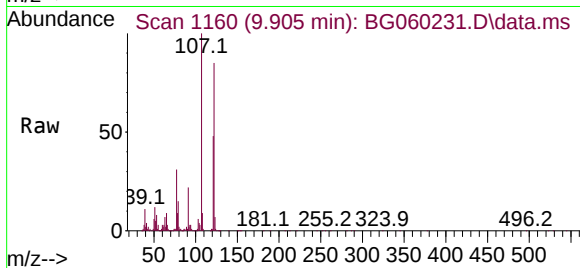
Tgt Ion:122 Resp: 501441

Ion Ratio Lower Upper

122 100

107 117.1 95.8 143.6

121 56.6 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.366 ng

RT: 10.140 min Scan# 1200

Delta R.T. -0.010 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

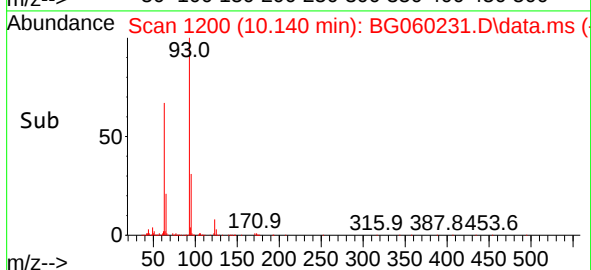
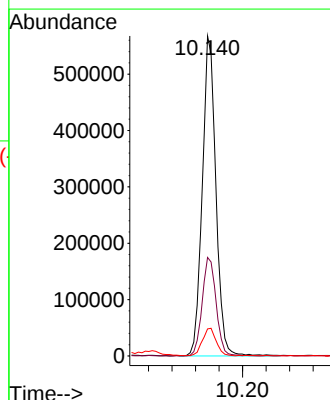
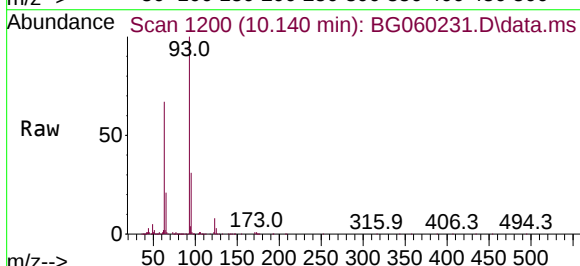
Tgt Ion: 93 Resp: 913366

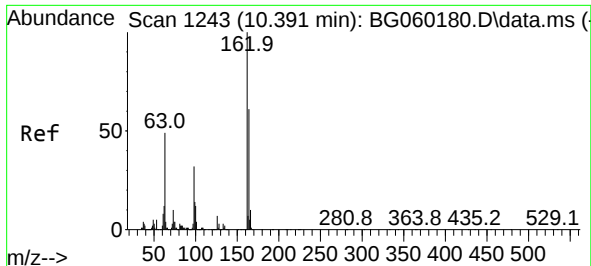
Ion Ratio Lower Upper

93 100

95 30.8 25.8 38.6

123 8.4 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 47.560 ng

RT: 10.387 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2MS

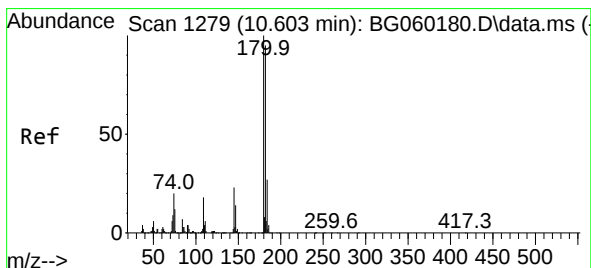
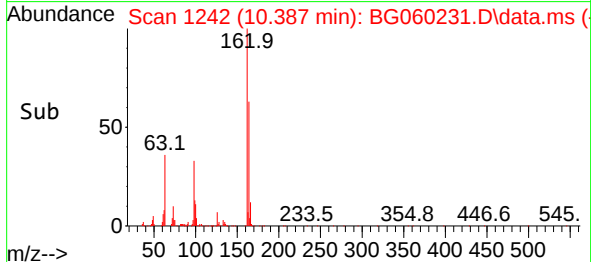
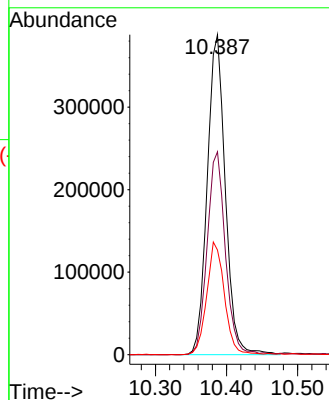
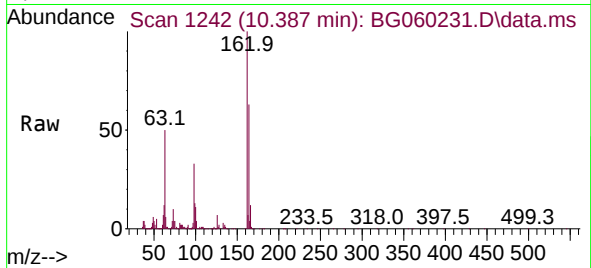
Tgt Ion:162 Resp: 684951

Ion Ratio Lower Upper

162 100

164 63.4 40.7 80.7

98 32.7 11.7 51.7



#30

1,2,4-Trichlorobenzene

Concen: 40.539 ng

RT: 10.599 min Scan# 1278

Delta R.T. -0.004 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

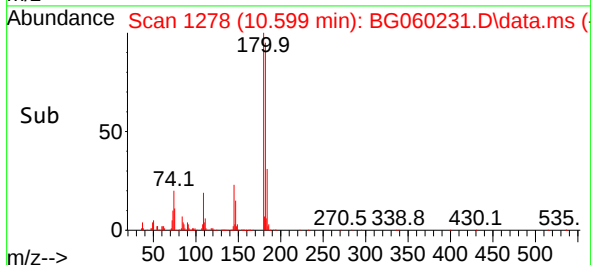
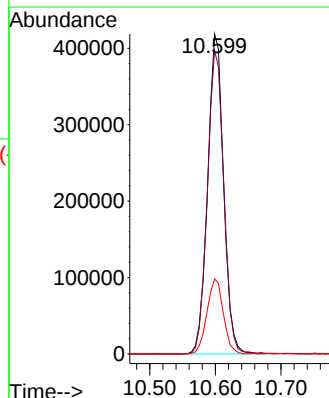
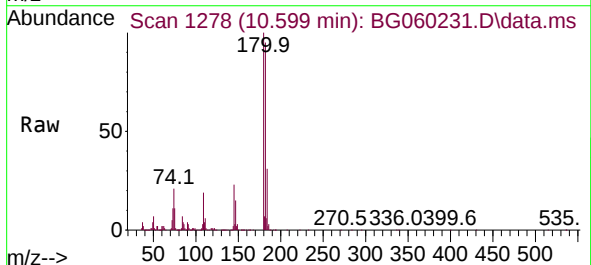
Tgt Ion:180 Resp: 710608

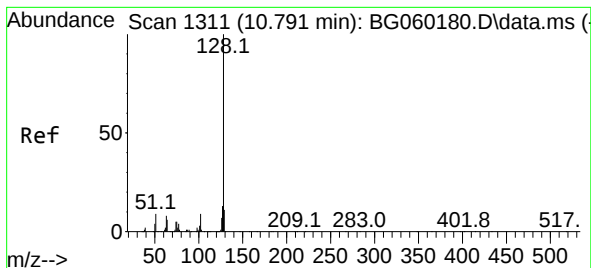
Ion Ratio Lower Upper

180 100

182 94.8 75.7 113.5

145 23.5 18.4 27.6

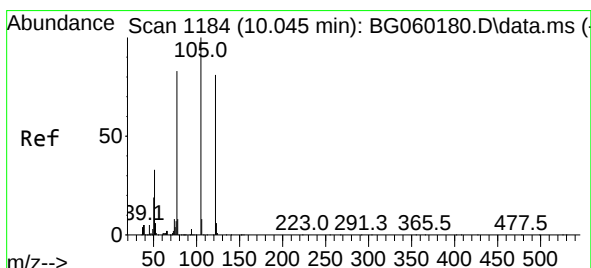
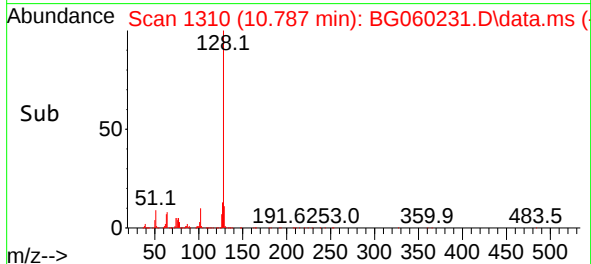
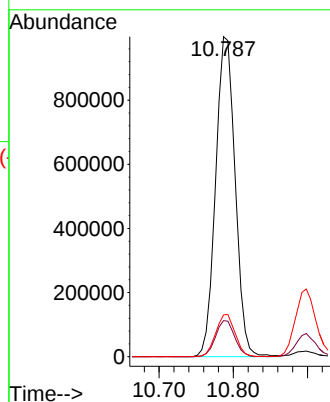
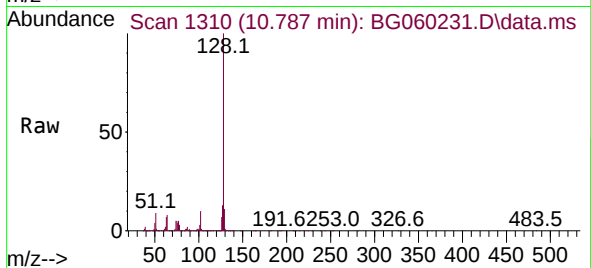




#31
Naphthalene
Concen: 41.545 ng
RT: 10.787 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

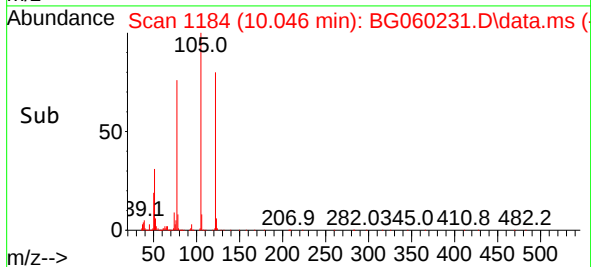
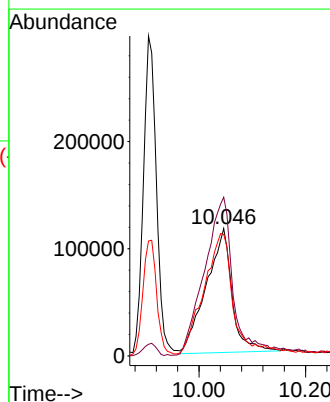
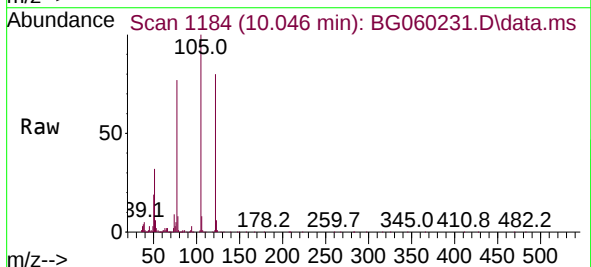
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

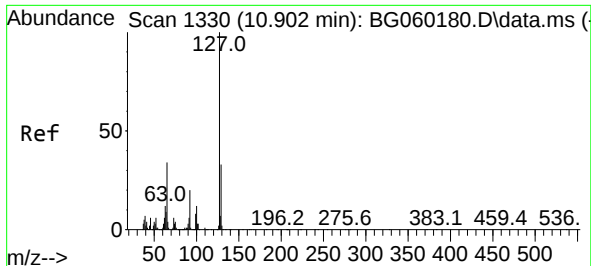
Tgt Ion:128 Resp: 1825449
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 47.904 ng
RT: 10.046 min Scan# 1184
Delta R.T. 0.001 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:122 Resp: 389894
Ion Ratio Lower Upper
122 100
105 124.7 99.2 139.2
77 95.5 81.0 121.0

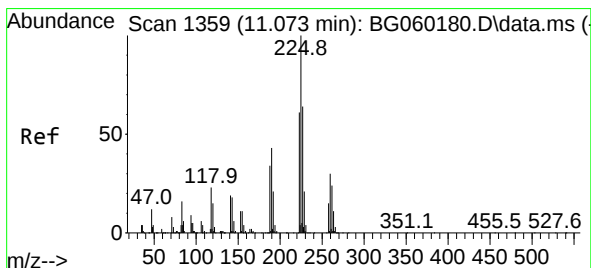
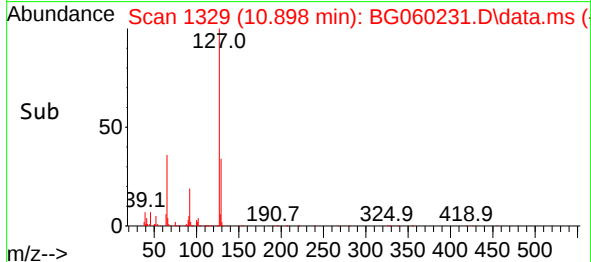
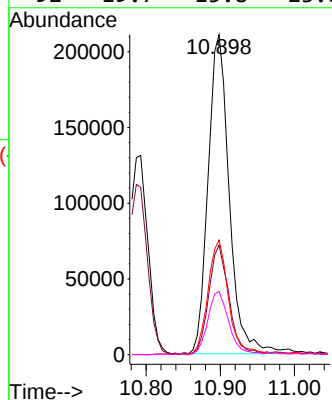
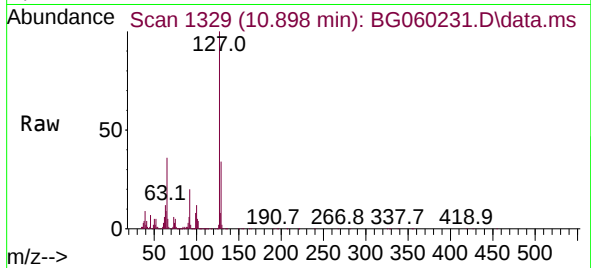




#33
4-Chloroaniline
Concen: 24.311 ng
RT: 10.898 min Scan# 1329
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

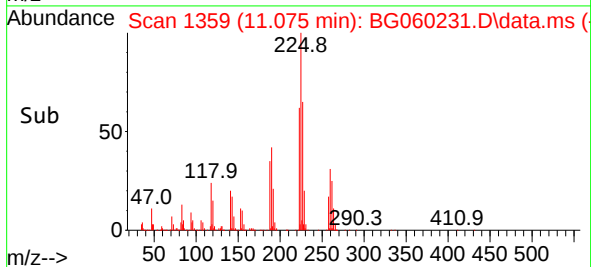
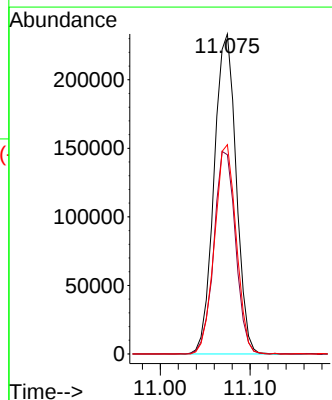
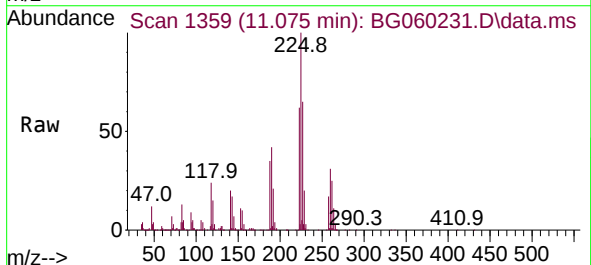
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

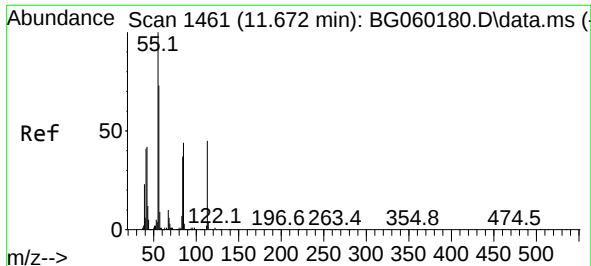
Tgt Ion:127 Resp: 417173
Ion Ratio Lower Upper
127 100
129 34.2 26.0 39.0
65 35.8 27.4 41.0
92 19.7 15.8 23.8



#34
Hexachlorobutadiene
Concen: 38.187 ng
RT: 11.075 min Scan# 1359
Delta R.T. 0.002 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:225 Resp: 398109
Ion Ratio Lower Upper
225 100
223 62.2 49.0 73.6
227 65.4 51.0 76.4

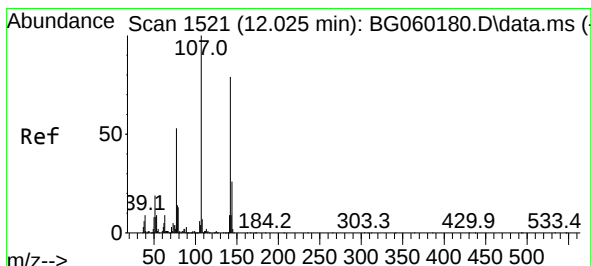
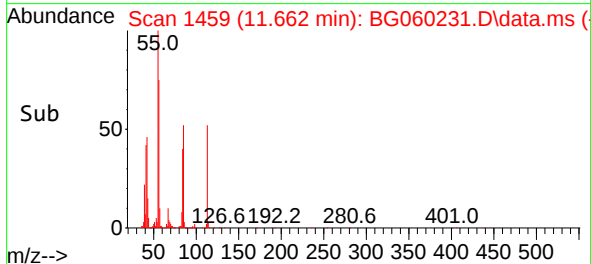
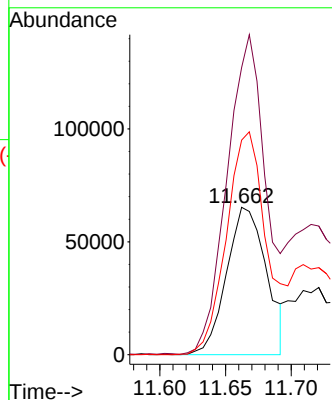
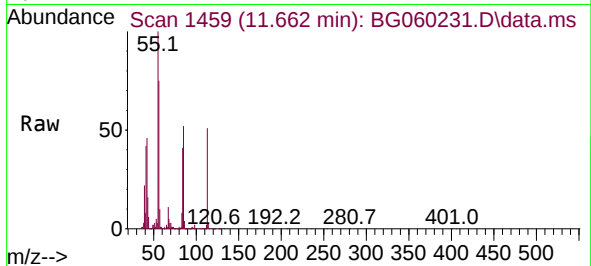




#35
Caprolactam
Concen: 28.803 ng
RT: 11.662 min Scan# 1459
Delta R.T. -0.010 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

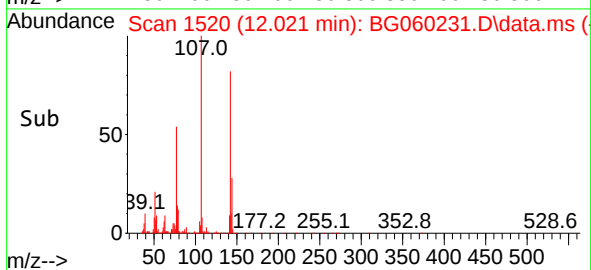
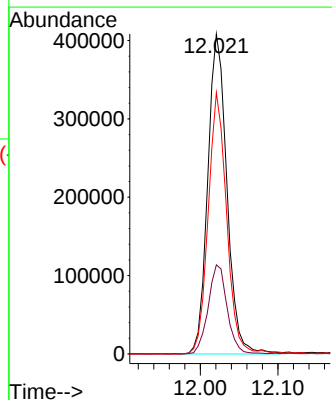
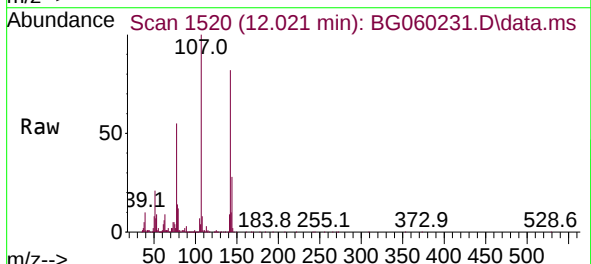
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

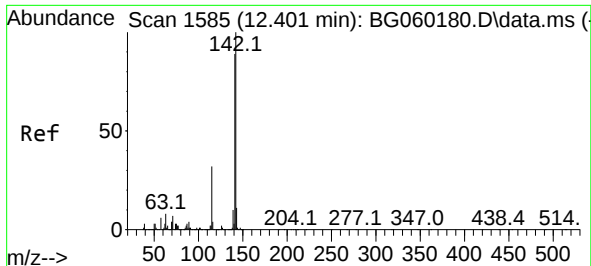
Tgt Ion:113 Resp: 137985
Ion Ratio Lower Upper
113 100
55 195.0 202.1 242.1#
56 145.6 142.4 182.4



#36
4-Chloro-3-methylphenol
Concen: 47.249 ng
RT: 12.021 min Scan# 1520
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:107 Resp: 700311
Ion Ratio Lower Upper
107 100
144 27.8 20.8 31.2
142 81.7 63.4 95.2





#37

2-Methylnaphthalene

Concen: 42.357 ng

RT: 12.397 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2MS

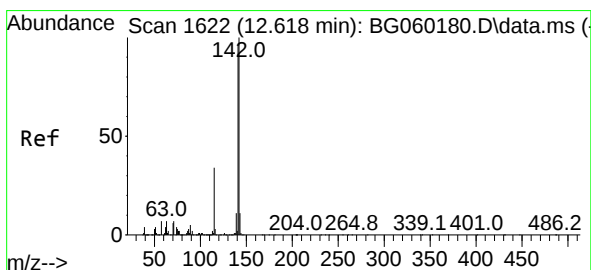
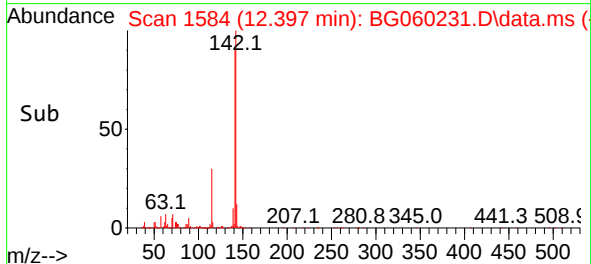
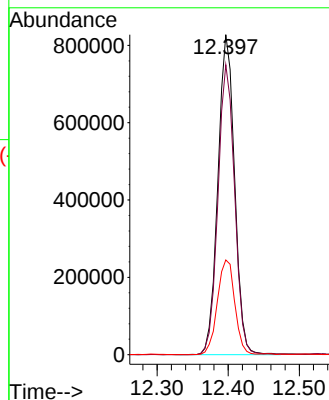
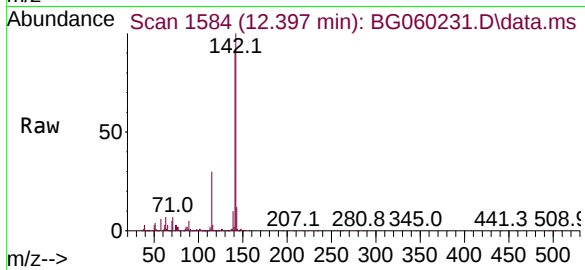
Tgt Ion:142 Resp: 1344322

Ion Ratio Lower Upper

142 100

141 90.6 71.1 106.7

115 29.6 25.5 38.3



#38

1-Methylnaphthalene

Concen: 41.355 ng

RT: 12.614 min Scan# 1621

Delta R.T. -0.004 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

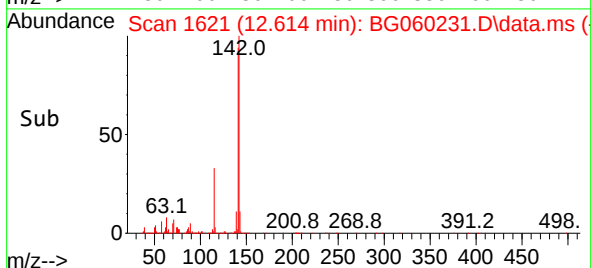
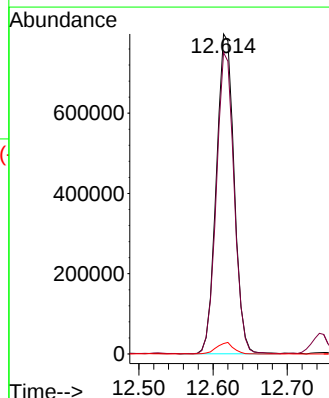
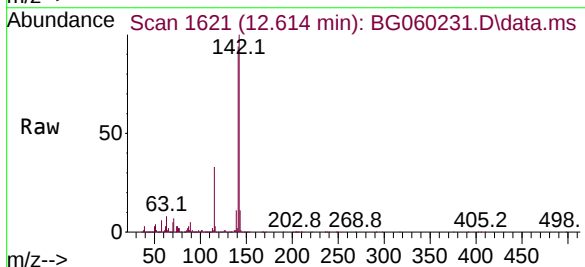
Tgt Ion:142 Resp: 1327026

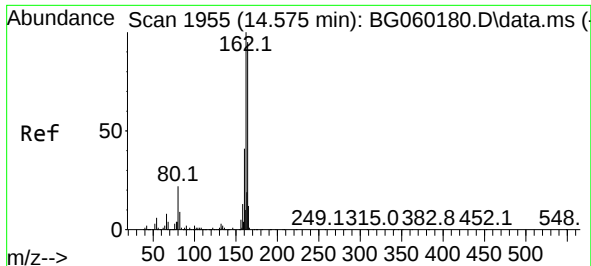
Ion Ratio Lower Upper

142 100

141 94.2 76.6 114.8

116 3.2 2.6 3.8

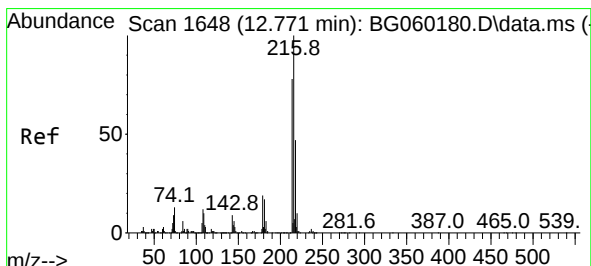
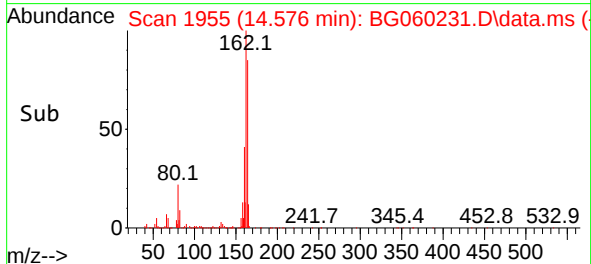
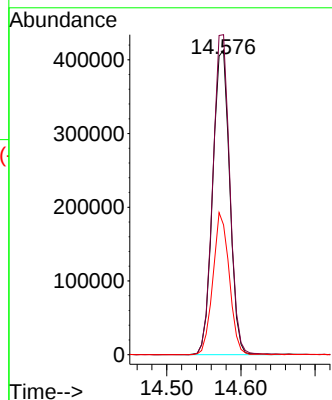
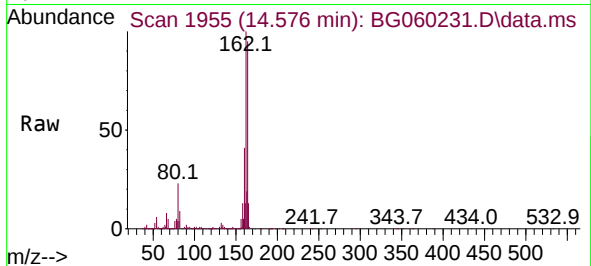




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.576 min Scan# 1955
Delta R.T. 0.002 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

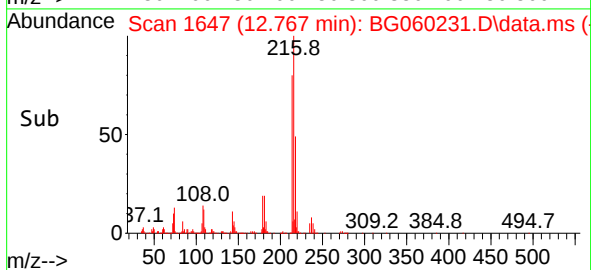
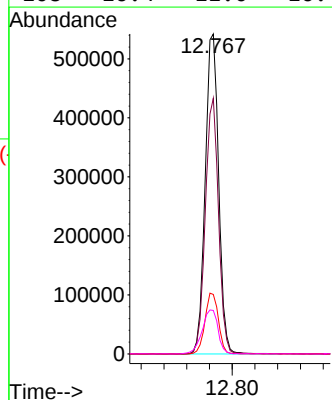
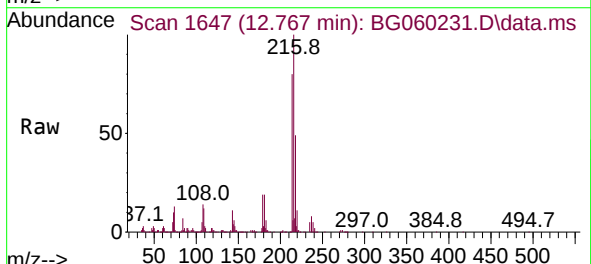
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

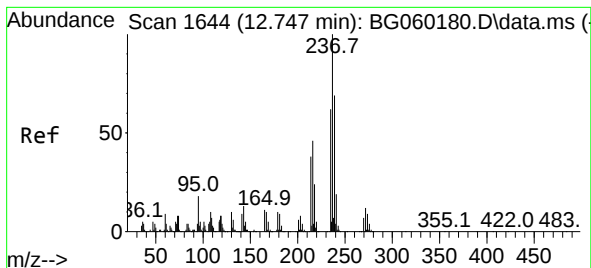
Tgt Ion:164 Resp: 656686
Ion Ratio Lower Upper
164 100
162 105.0 83.9 125.9
160 42.6 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.164 ng
RT: 12.767 min Scan# 1647
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:216 Resp: 886908
Ion Ratio Lower Upper
216 100
214 78.4 63.4 95.0
179 19.0 15.2 22.8
108 16.4 11.0 16.4





#41

Hexachlorocyclopentadiene

Concen: 129.489 ng

RT: 12.743 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2MS

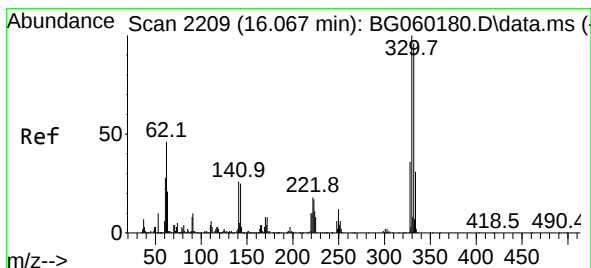
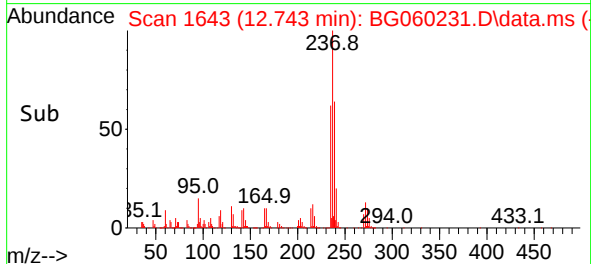
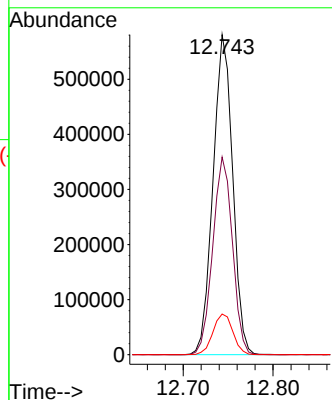
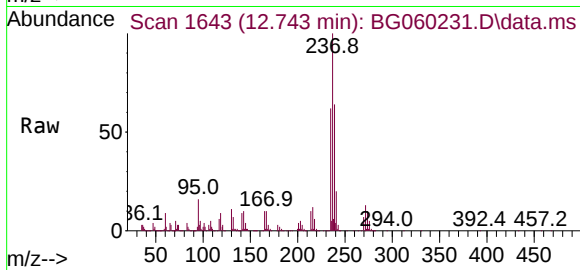
Tgt Ion:237 Resp: 880406

Ion Ratio Lower Upper

237 100

235 61.8 42.2 82.2

272 12.7 0.0 32.0



#42

2,4,6-Tribromophenol

Concen: 91.709 ng

RT: 16.063 min Scan# 2208

Delta R.T. -0.004 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

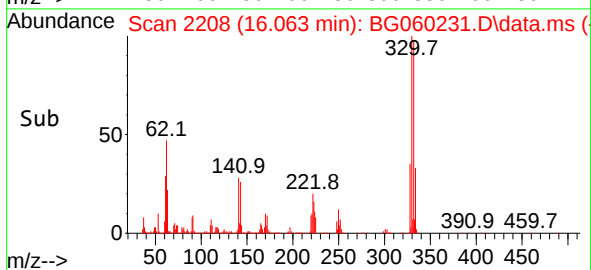
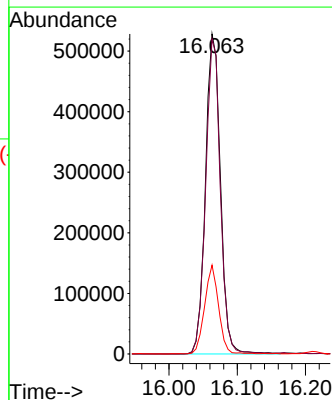
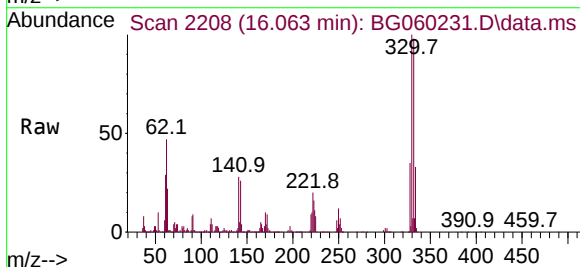
Tgt Ion:330 Resp: 806164

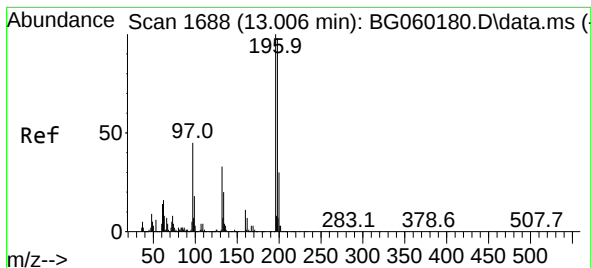
Ion Ratio Lower Upper

330 100

332 96.3 76.7 115.1

141 25.7 21.0 31.4





#43

2,4,6-Trichlorophenol

Concen: 44.528 ng

RT: 13.002 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2MS

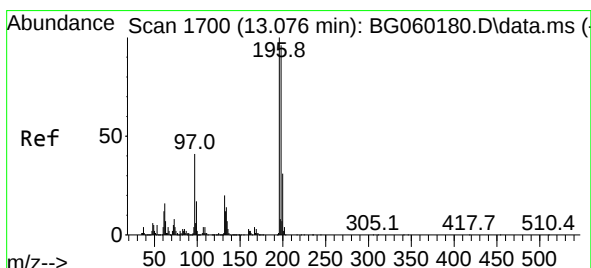
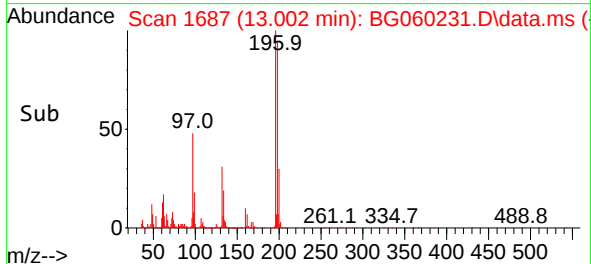
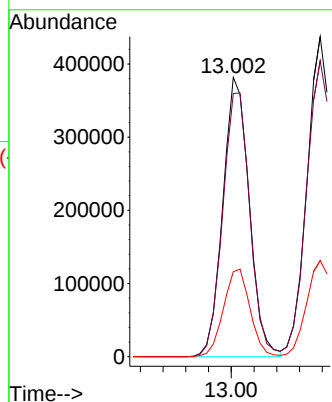
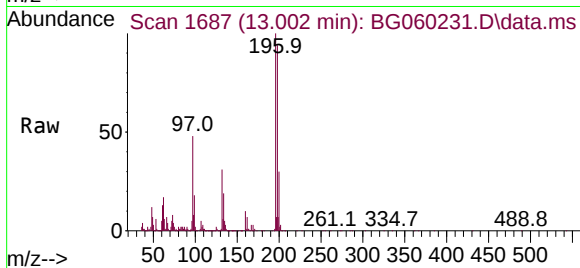
Tgt Ion:196 Resp: 615502

Ion Ratio Lower Upper

196 100

198 94.2 78.3 117.5

200 30.4 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 45.732 ng

RT: 13.078 min Scan# 1700

Delta R.T. 0.002 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

Tgt Ion:196 Resp: 707166

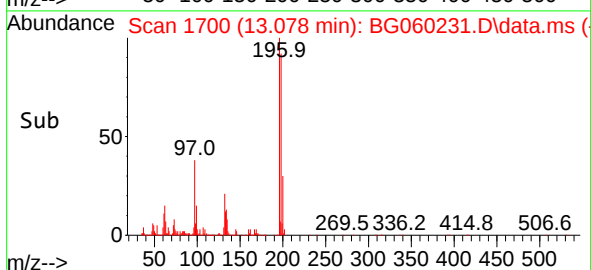
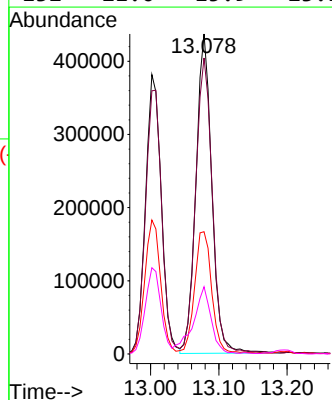
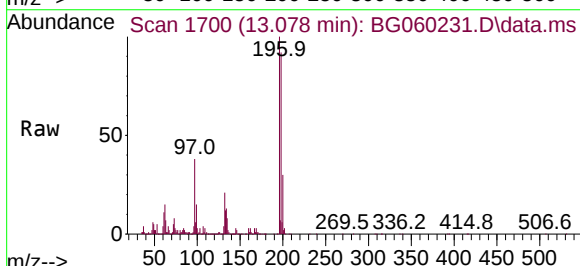
Ion Ratio Lower Upper

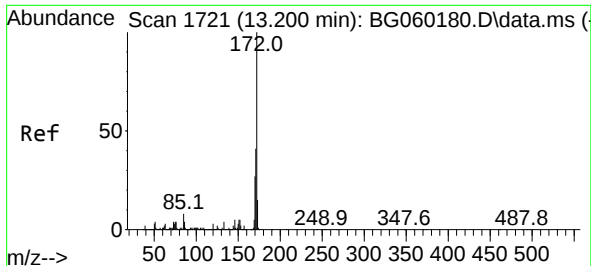
196 100

198 92.5 76.6 115.0

97 38.2 32.9 49.3

132 21.0 15.9 23.9

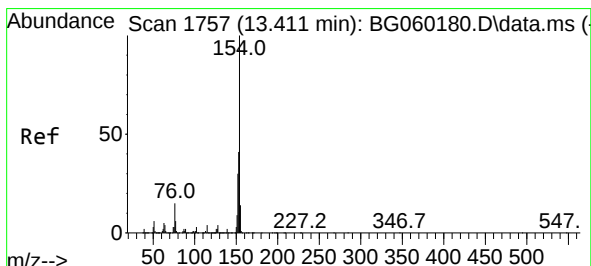
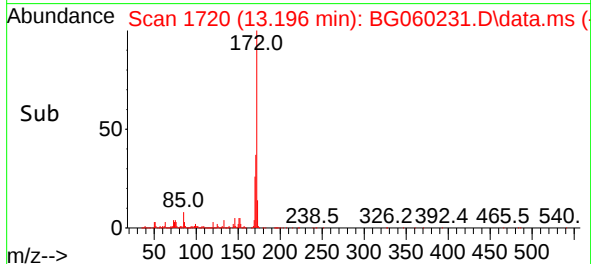
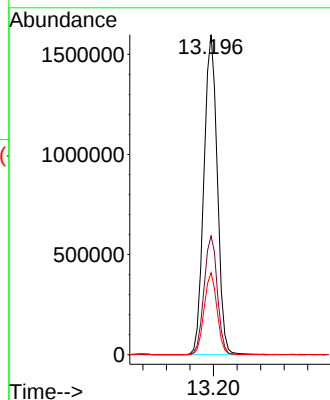
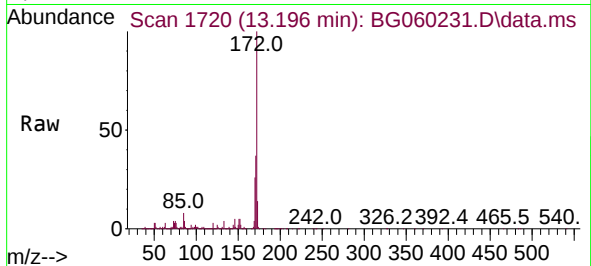




#45
2-Fluorobiphenyl
Concen: 55.266 ng
RT: 13.196 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

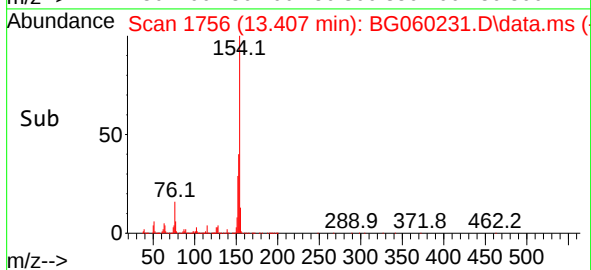
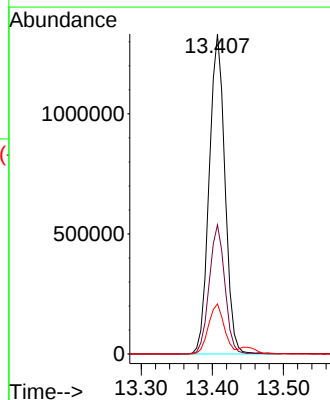
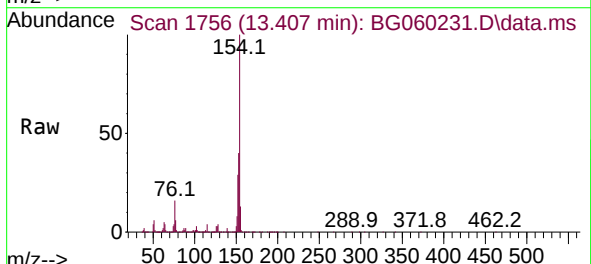
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

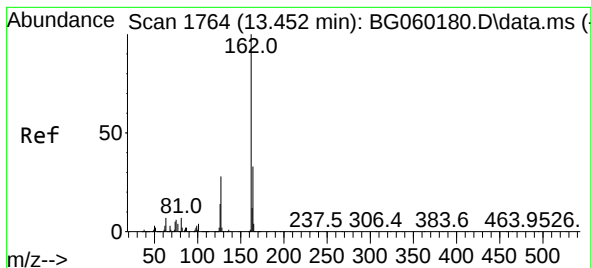
Tgt Ion:172 Resp: 2525192
Ion Ratio Lower Upper
172 100
171 37.1 32.6 48.8
170 25.6 21.8 32.6



#46
1,1'-Biphenyl
Concen: 42.533 ng
RT: 13.407 min Scan# 1756
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:154 Resp: 2054987
Ion Ratio Lower Upper
154 100
153 40.3 20.9 60.9
76 15.7 0.0 35.4





#47

2-Chloronaphthalene

Concen: 40.939 ng

RT: 13.448 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2MS

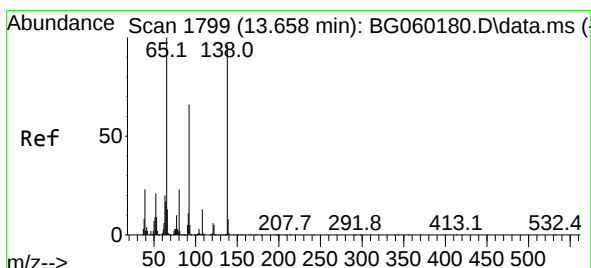
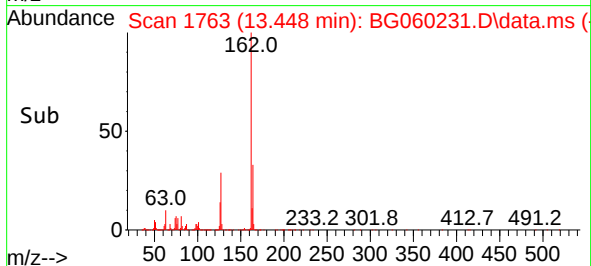
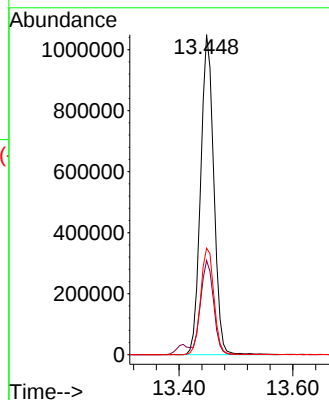
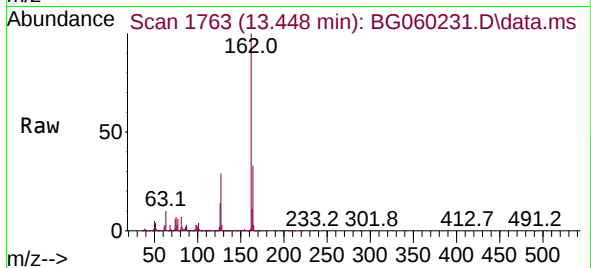
Tgt Ion:162 Resp: 1685160

Ion Ratio Lower Upper

162 100

127 29.5 23.0 34.6

164 33.3 26.7 40.1



#48

2-Nitroaniline

Concen: 49.707 ng

RT: 13.654 min Scan# 1798

Delta R.T. -0.004 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

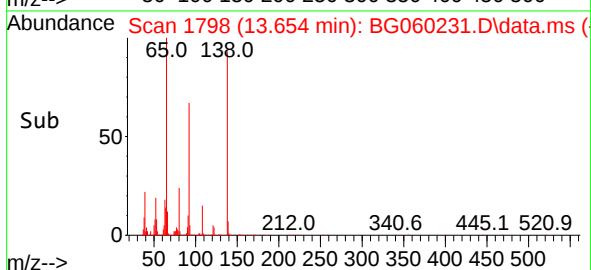
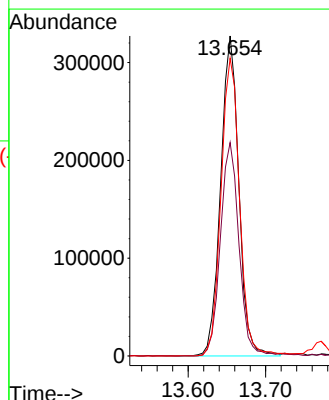
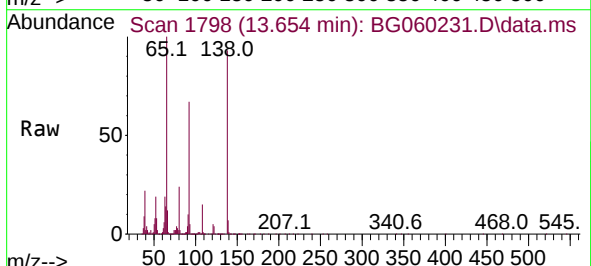
Tgt Ion: 65 Resp: 534721

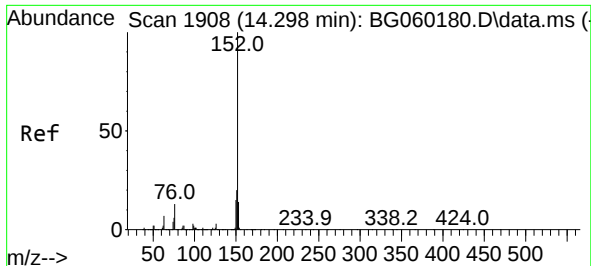
Ion Ratio Lower Upper

65 100

92 66.7 52.9 79.3

138 93.1 76.4 114.6

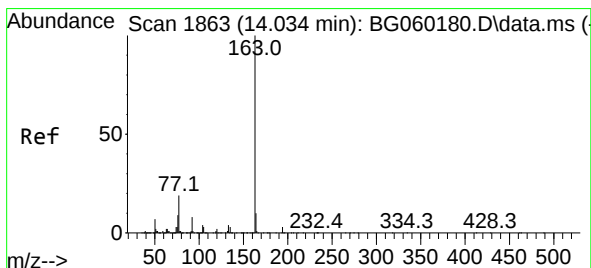
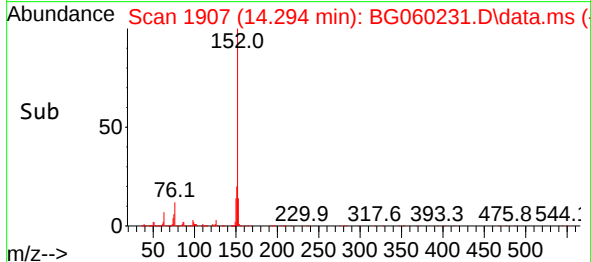
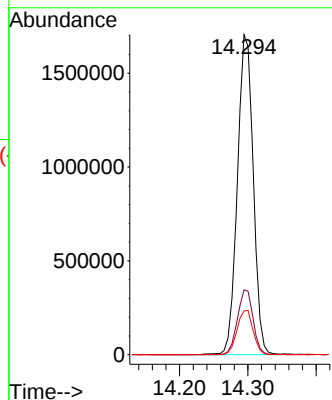
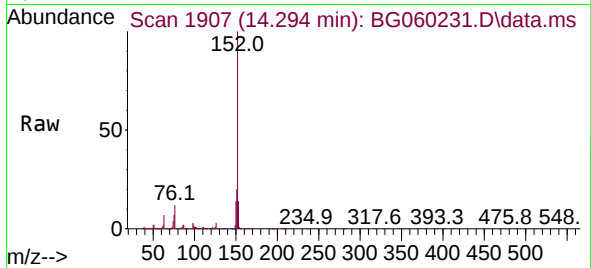




#49
Acenaphthylene
Concen: 46.462 ng
RT: 14.294 min Scan# 1907
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

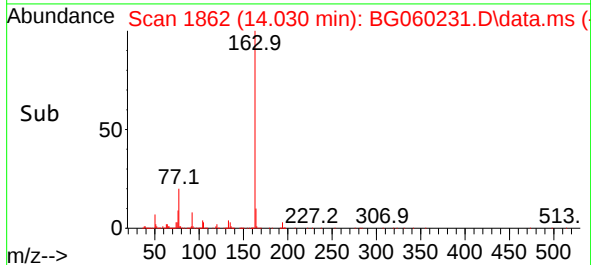
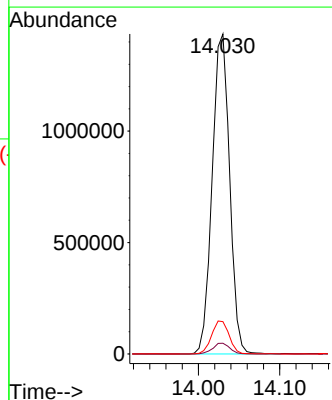
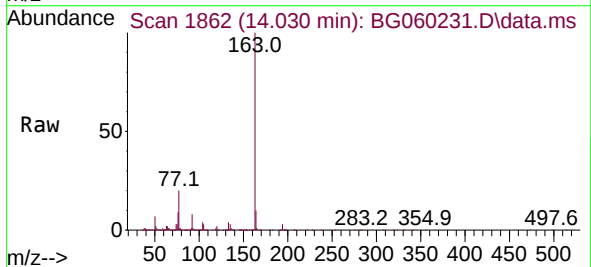
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

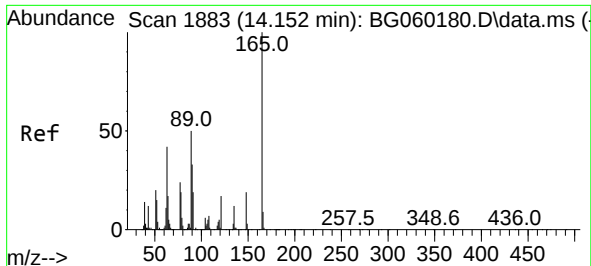
Tgt Ion:152 Resp: 2755603
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.6
153 13.6 11.0 16.6



#50
Dimethylphthalate
Concen: 42.173 ng
RT: 14.030 min Scan# 1862
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:163 Resp: 2138245
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.1 8.3 12.5

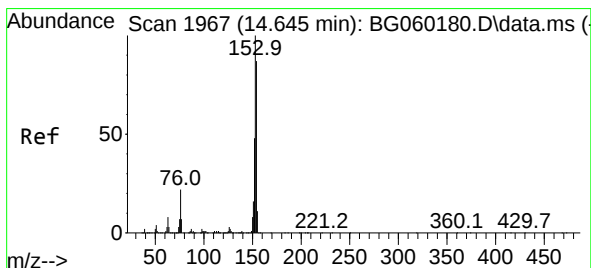
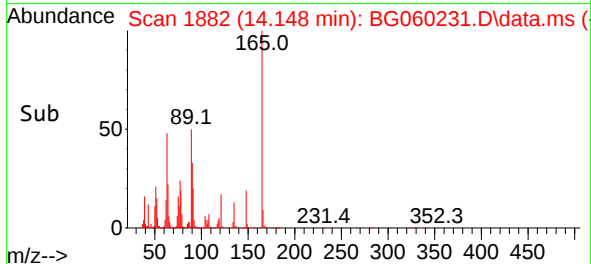
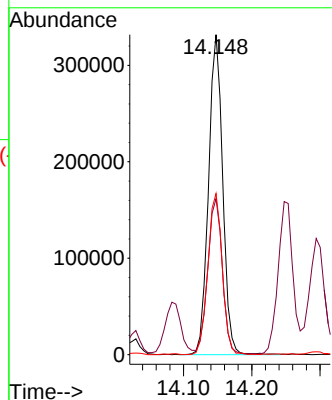
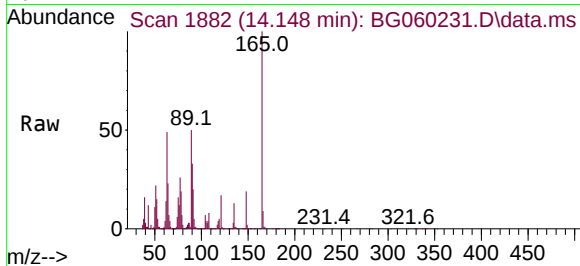




#51
2,6-Dinitrotoluene
Concen: 45.536 ng
RT: 14.148 min Scan# 1882
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

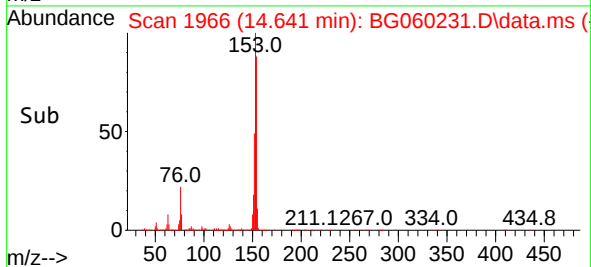
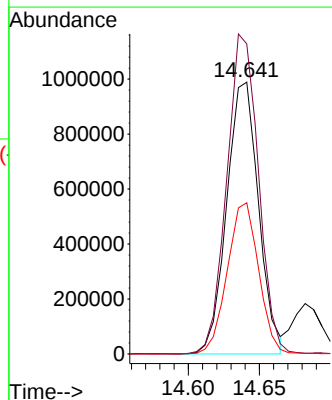
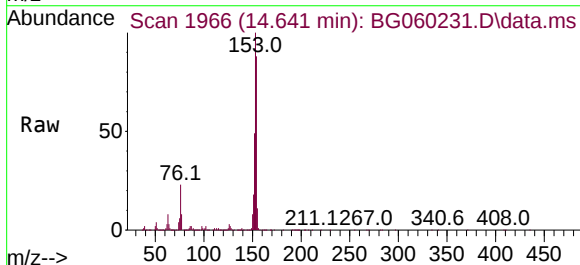
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

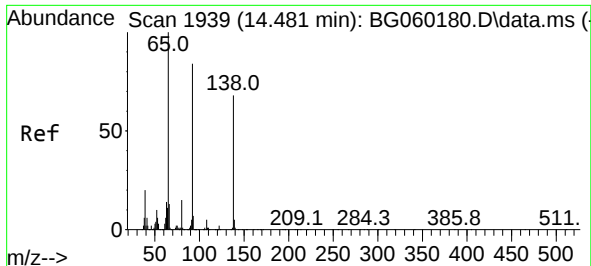
Tgt Ion:165 Resp: 480208
Ion Ratio Lower Upper
165 100
63 48.7 39.3 58.9
89 50.3 39.8 59.8



#52
Acenaphthene
Concen: 41.667 ng
RT: 14.641 min Scan# 1966
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:154 Resp: 1542118
Ion Ratio Lower Upper
154 100
153 114.1 91.5 137.3
152 55.6 43.8 65.8

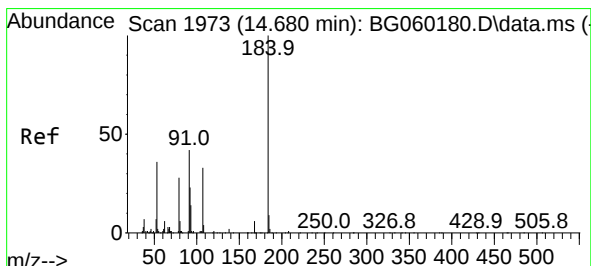
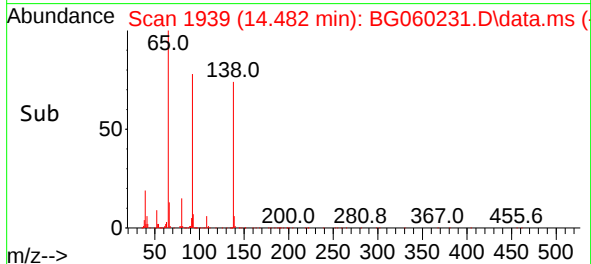
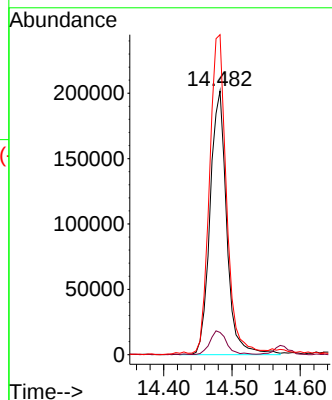
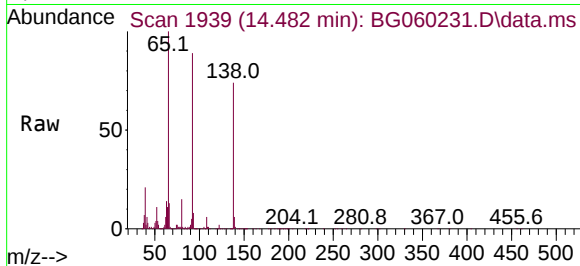




#53
3-Nitroaniline
Concen: 34.496 ng
RT: 14.482 min Scan# 1939
Delta R.T. 0.002 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

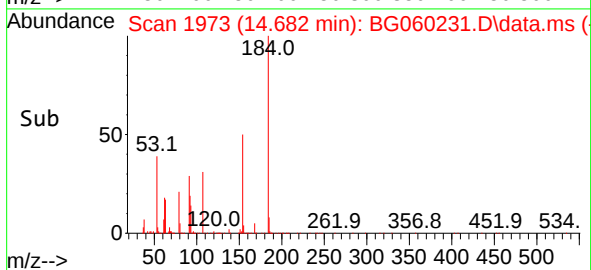
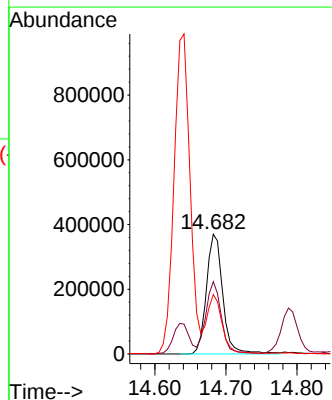
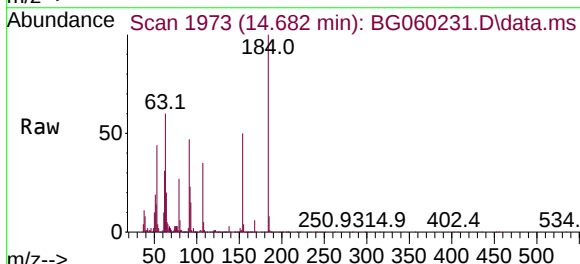
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

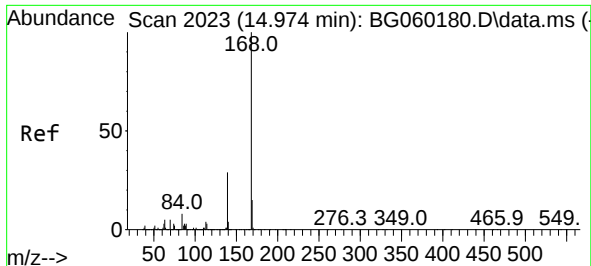
Tgt Ion:138 Resp: 342782
Ion Ratio Lower Upper
138 100
108 8.5 6.2 9.4
92 121.4 98.5 147.7



#54
2,4-Dinitrophenol
Concen: 95.004 ng
RT: 14.682 min Scan# 1973
Delta R.T. 0.002 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:184 Resp: 594006
Ion Ratio Lower Upper
184 100
63 60.4 45.4 68.2
154 49.5 40.0 60.0

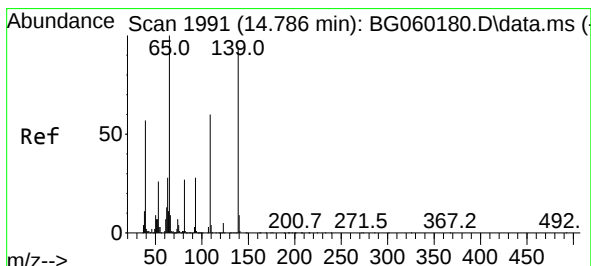
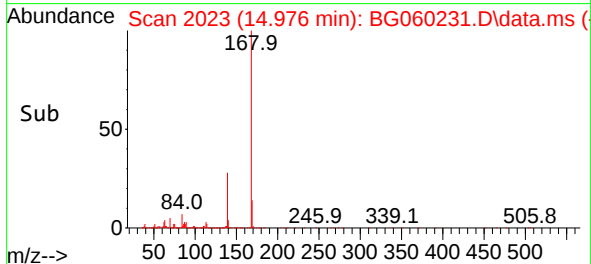
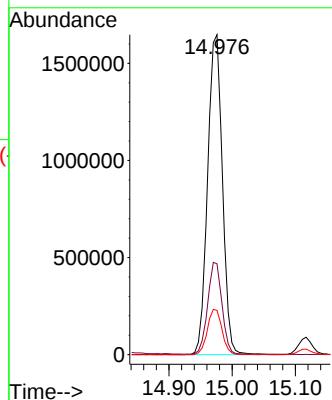
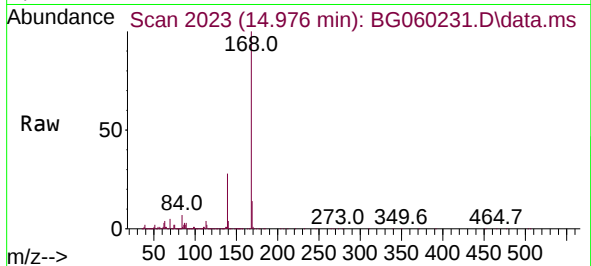




#55
Dibenzofuran
Concen: 43.153 ng
RT: 14.976 min Scan# 2023
Delta R.T. 0.002 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

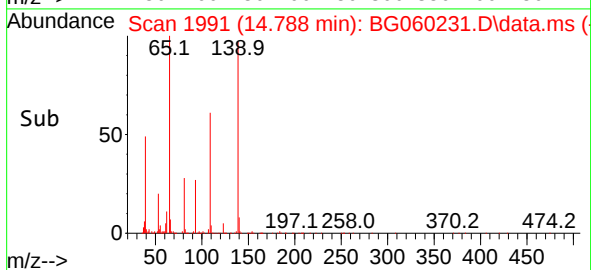
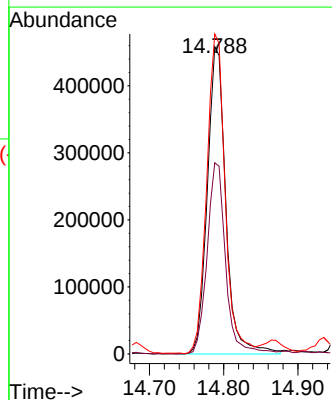
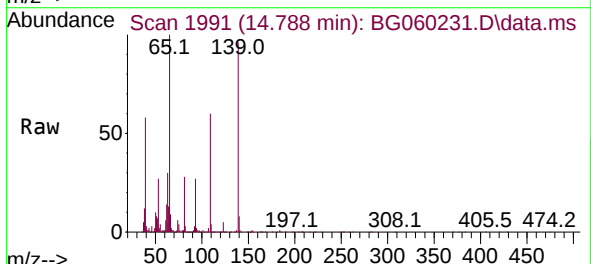
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

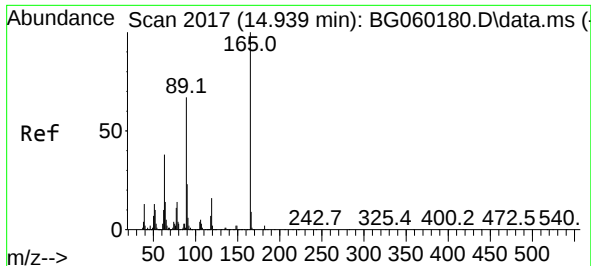
Tgt Ion:168 Resp: 2675248
Ion Ratio Lower Upper
168 100
139 28.4 23.1 34.7
169 13.8 11.9 17.9



#56
4-Nitrophenol
Concen: 105.653 ng
RT: 14.788 min Scan# 1991
Delta R.T. 0.002 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:139 Resp: 793575
Ion Ratio Lower Upper
139 100
109 62.3 44.4 84.4
65 104.2 87.4 127.4

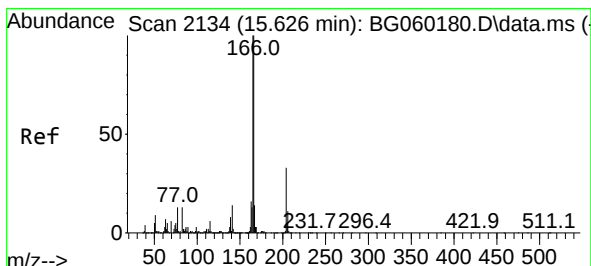
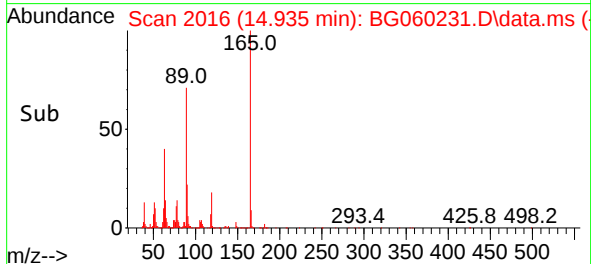
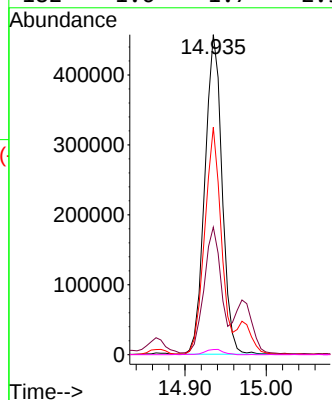
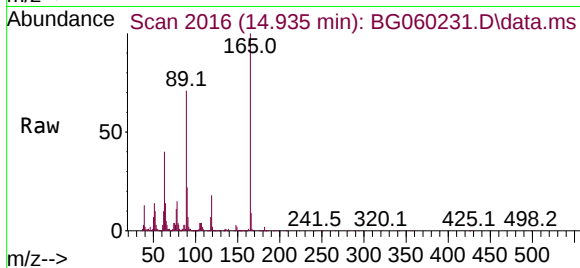




#57
2,4-Dinitrotoluene
Concen: 46.776 ng
RT: 14.935 min Scan# 2017
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

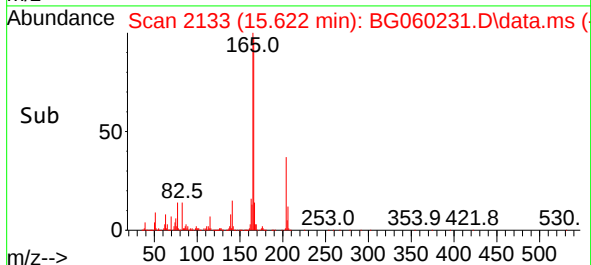
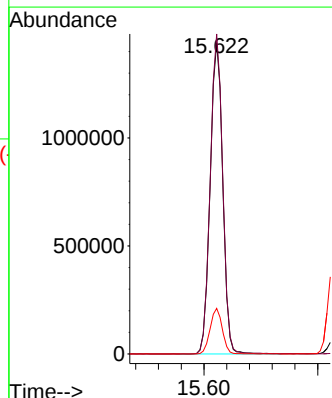
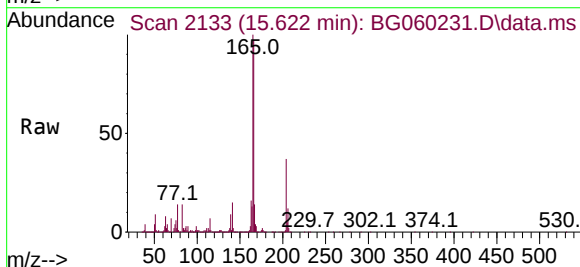
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

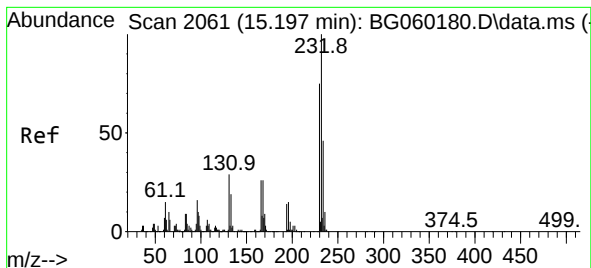
Tgt Ion:165 Resp: 670759
Ion Ratio Lower Upper
165 100
63 39.8 31.0 46.6
89 71.1 53.3 79.9
182 1.6 1.7 2.5#



#58
Fluorene
Concen: 43.203 ng
RT: 15.622 min Scan# 2133
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:166 Resp: 2196689
Ion Ratio Lower Upper
166 100
165 102.8 80.4 120.6
167 14.7 11.3 16.9



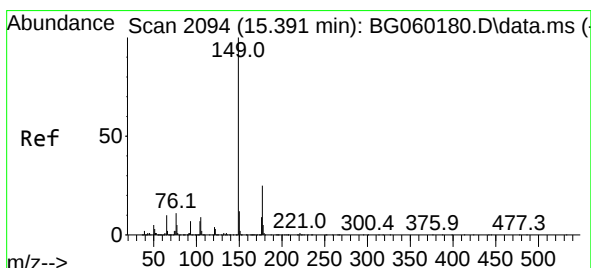
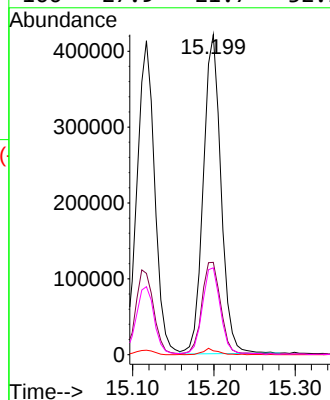
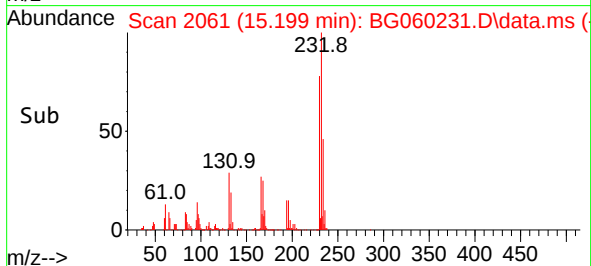
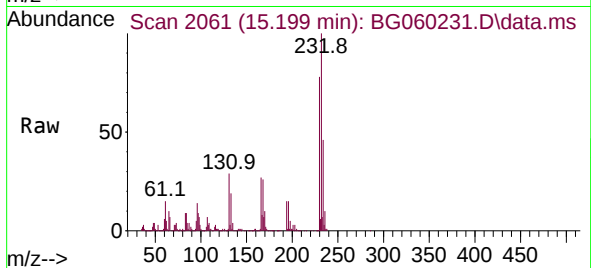


#59
2,3,4,6-Tetrachlorophenol
Concen: 47.128 ng
RT: 15.199 min Scan# 2061
Delta R.T. 0.002 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

Tgt Ion:232 Resp: 635191

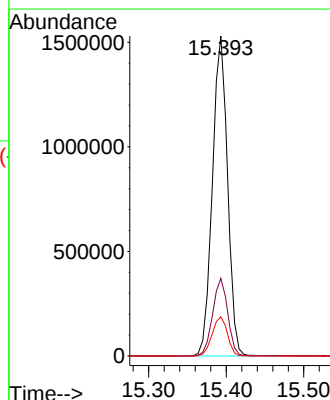
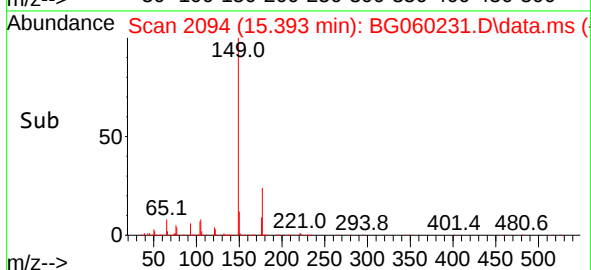
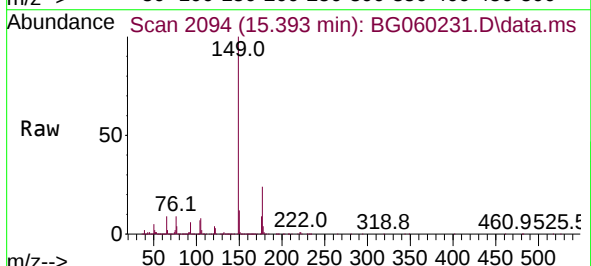
Ion	Ratio	Lower	Upper
232	100		
131	31.0	23.8	35.6
130	1.6	1.2	1.8
166	27.9	21.7	32.5

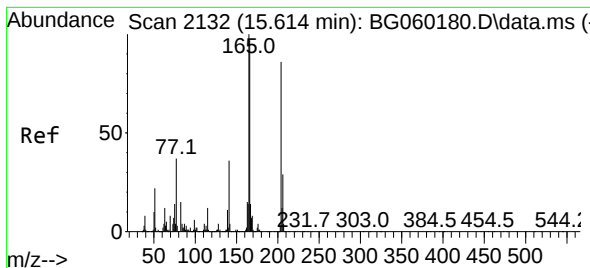


#60
Diethylphthalate
Concen: 43.001 ng
RT: 15.393 min Scan# 2094
Delta R.T. 0.002 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:149 Resp: 2079091

Ion	Ratio	Lower	Upper
149	100		
177	24.3	20.2	30.2
150	12.2	9.6	14.4

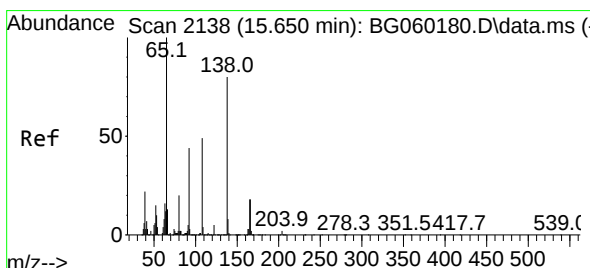
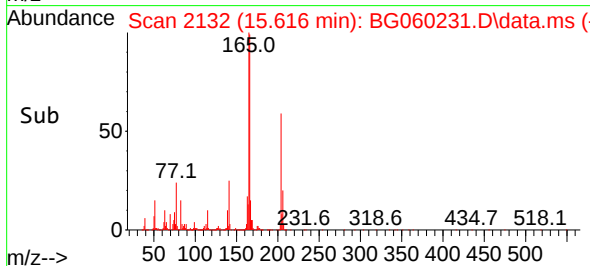
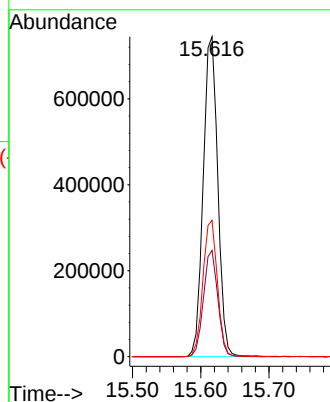
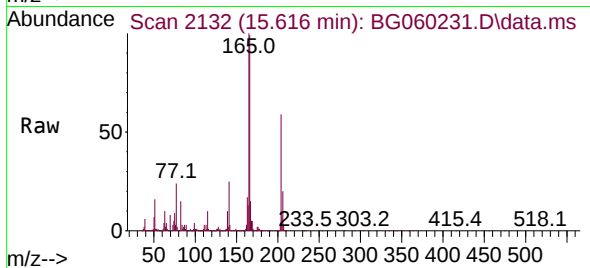




#61
4-Chlorophenyl-phenylether
Concen: 41.821 ng
RT: 15.616 min Scan# 2132
Delta R.T. 0.002 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

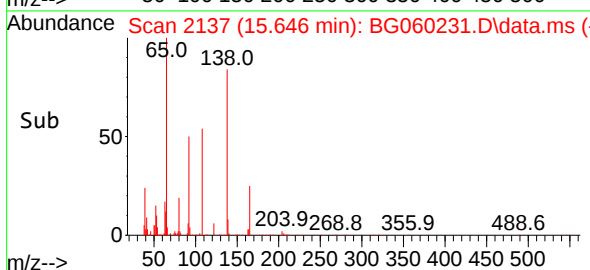
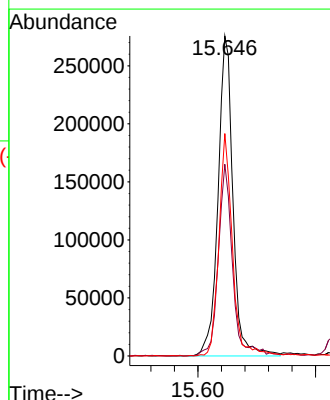
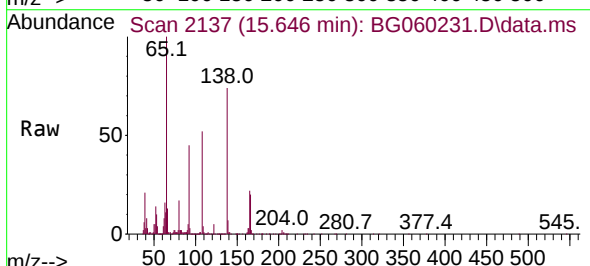
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

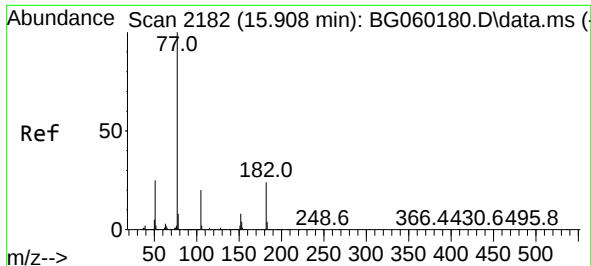
Tgt Ion:204 Resp: 1107239
Ion Ratio Lower Upper
204 100
206 33.2 26.9 40.3
141 42.6 33.2 49.8



#62
4-Nitroaniline
Concen: 46.422 ng
RT: 15.646 min Scan# 2137
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:138 Resp: 486185
Ion Ratio Lower Upper
138 100
92 59.9 35.1 75.1
108 69.5 40.9 80.9



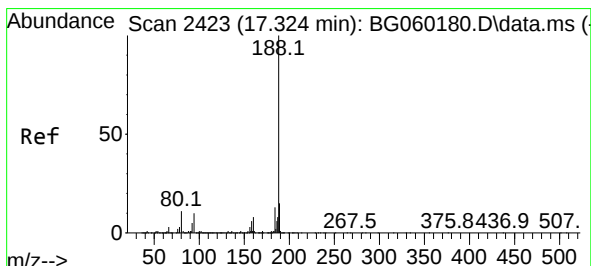
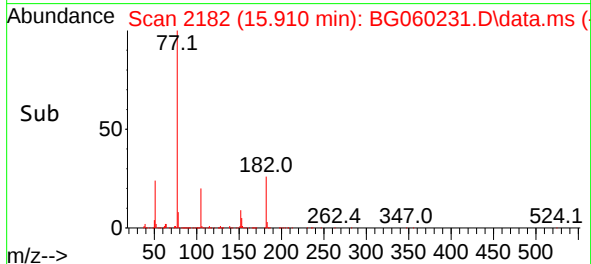
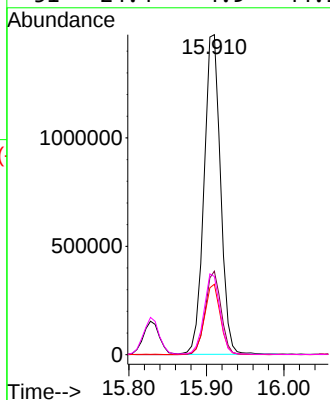
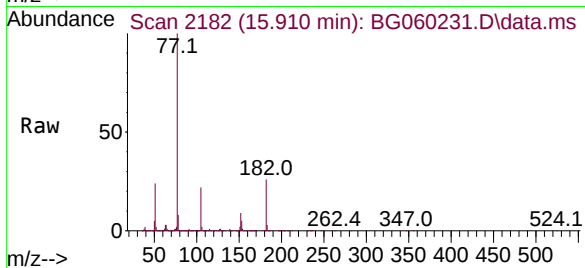


#63
Azobenzene
Concen: 43.484 ng
RT: 15.910 min Scan# 2182
Delta R.T. 0.002 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

Tgt Ion: 77 Resp: 2179757

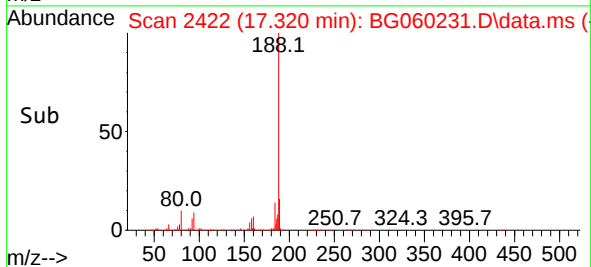
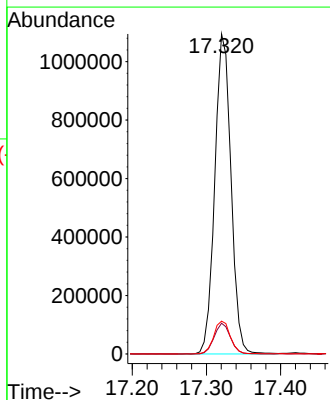
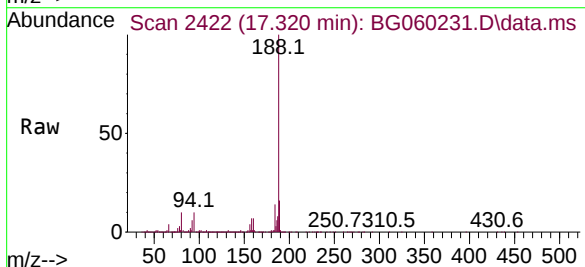
Ion	Ratio	Lower	Upper
77	100		
182	26.1	4.3	44.3
105	22.0	0.3	40.3
51	24.4	4.9	44.9

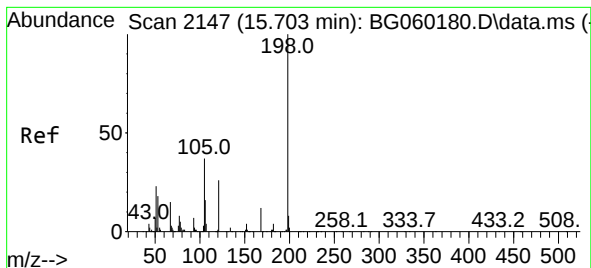


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.320 min Scan# 2422
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:188 Resp: 1660010

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.8	11.6
80	10.2	8.6	13.0

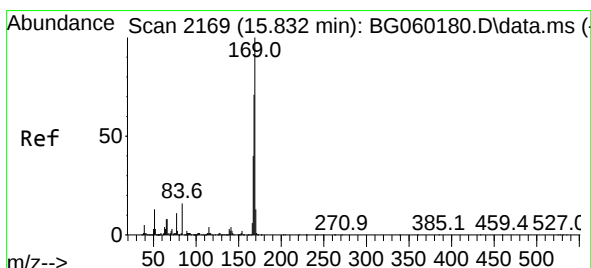
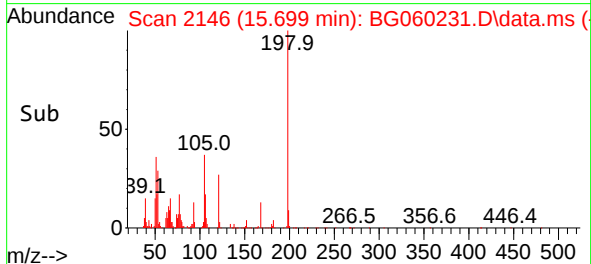
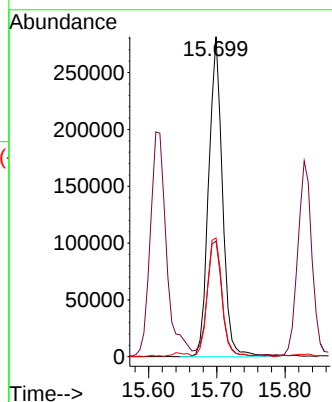
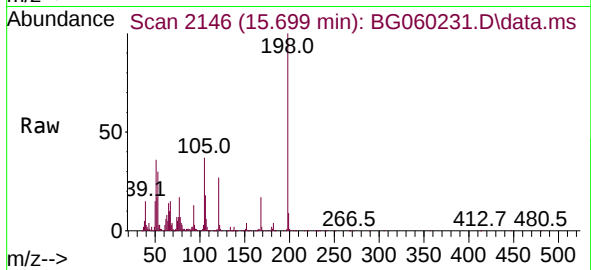




#65
4,6-Dinitro-2-methylphenol
Concen: 47.738 ng
RT: 15.699 min Scan# 2147
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

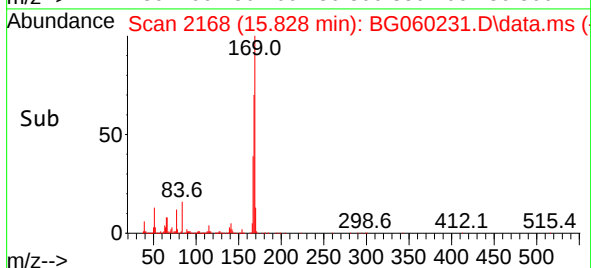
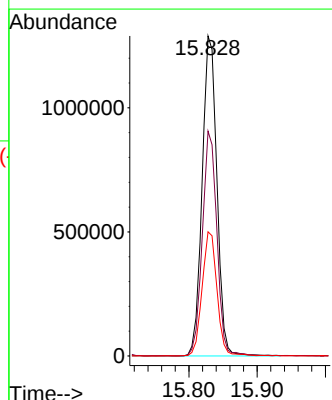
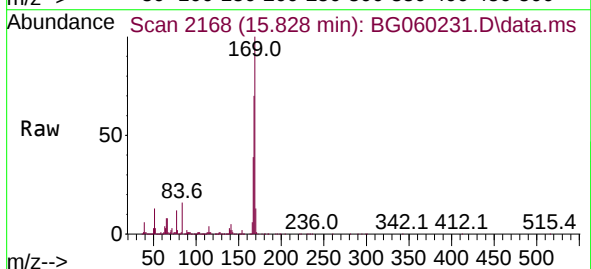
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

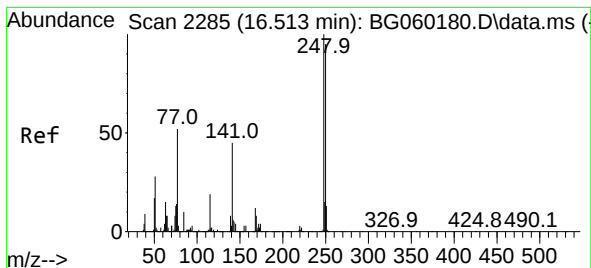
Tgt Ion:198 Resp: 396525
Ion Ratio Lower Upper
198 100
51 36.1 14.8 54.8
105 37.1 17.5 57.5



#66
n-Nitrosodiphenylamine
Concen: 43.405 ng
RT: 15.828 min Scan# 2168
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:169 Resp: 1941587
Ion Ratio Lower Upper
169 100
168 70.3 56.6 84.8
167 38.8 32.1 48.1

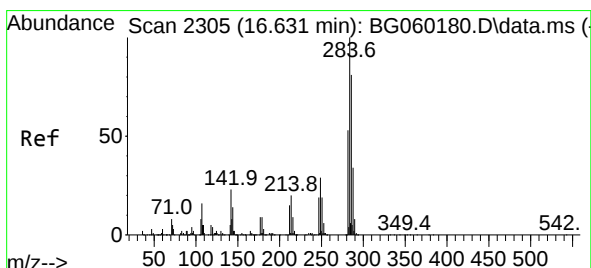
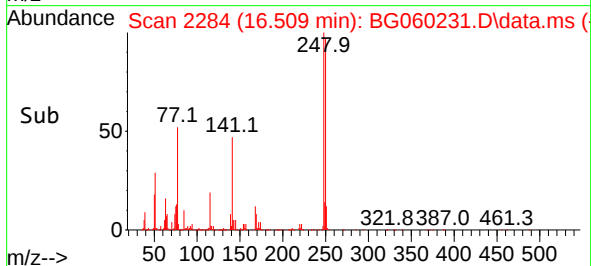
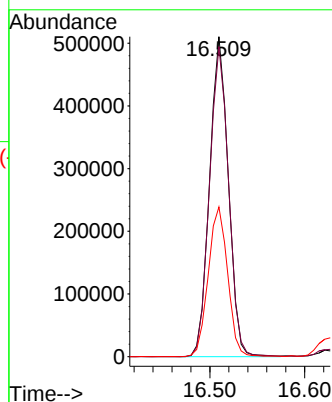
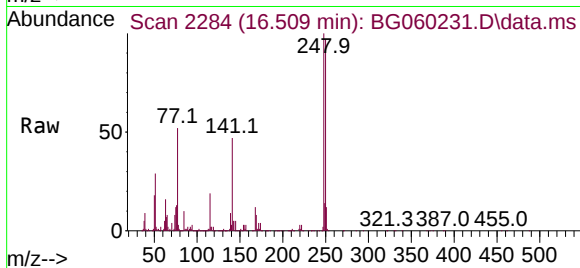




#67
4-Bromophenyl-phenylether
Concen: 39.868 ng
RT: 16.509 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

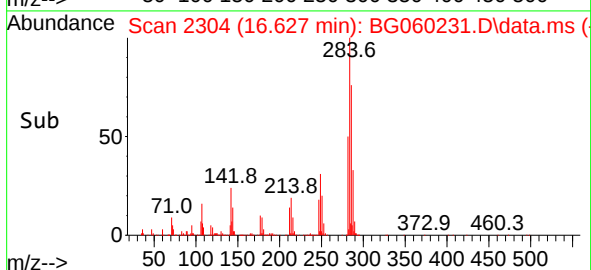
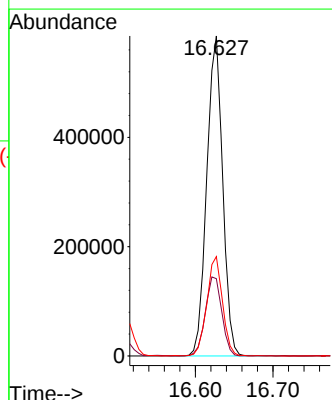
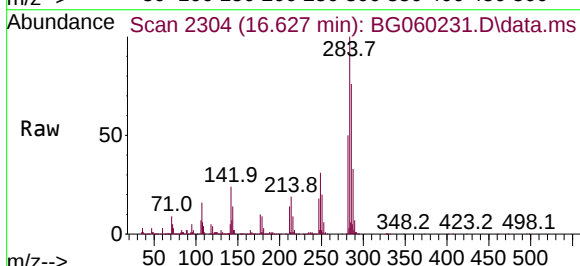
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

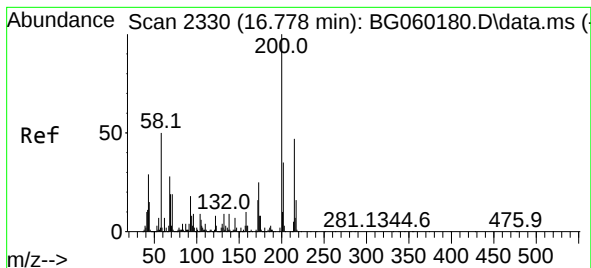
Tgt Ion:248 Resp: 701668
Ion Ratio Lower Upper
248 100
250 96.9 76.2 114.4
141 46.8 36.0 54.0



#68
Hexachlorobenzene
Concen: 40.385 ng
RT: 16.627 min Scan# 2304
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:284 Resp: 833348
Ion Ratio Lower Upper
284 100
142 24.1 18.7 28.1
249 31.1 23.5 35.3





#69

Atrazine

Concen: 46.474 ng

RT: 16.780 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2MS

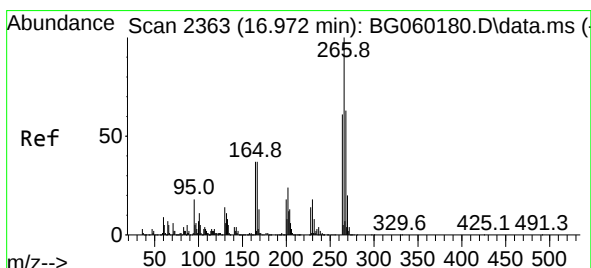
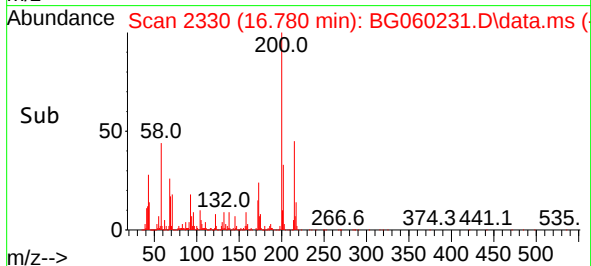
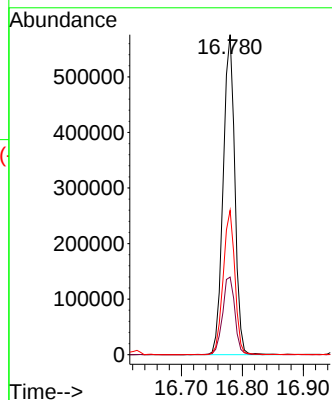
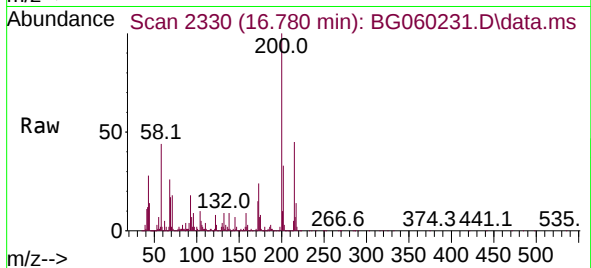
Tgt Ion:200 Resp: 764065

Ion Ratio Lower Upper

200 100

173 24.3 5.2 45.2

215 45.1 26.9 66.9



#70

Pentachlorophenol

Concen: 90.822 ng

RT: 16.968 min Scan# 2362

Delta R.T. -0.004 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

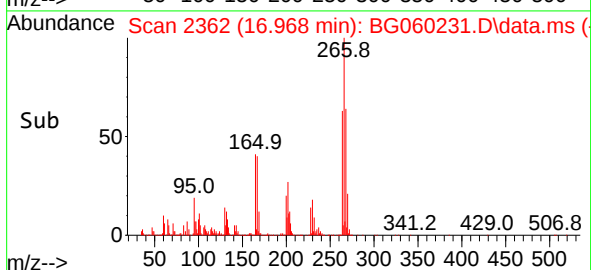
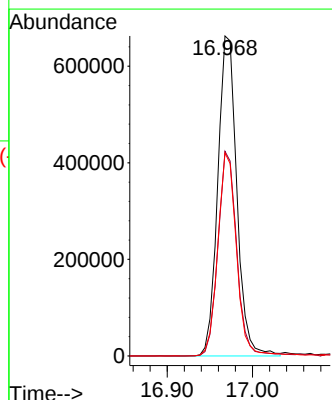
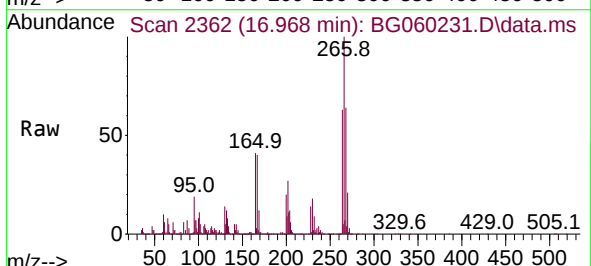
Tgt Ion:266 Resp: 1029545

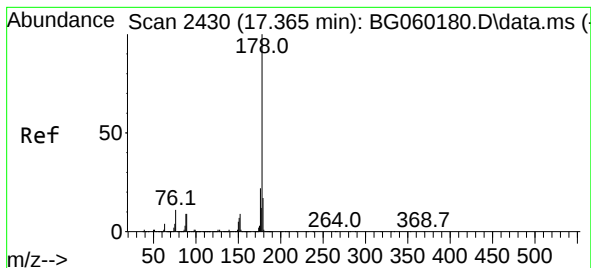
Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

264 63.5 52.6 79.0





#71

Phenanthrene

Concen: 42.862 ng

RT: 17.367 min Scan# 2430

Delta R.T. 0.002 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2MS

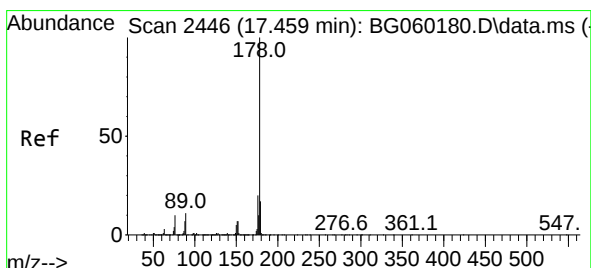
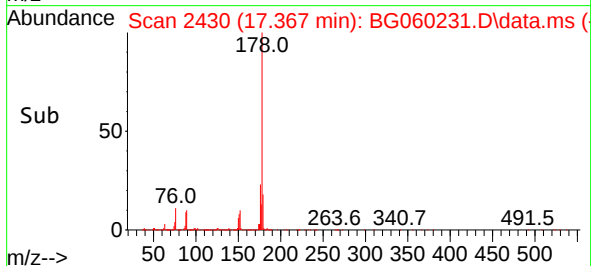
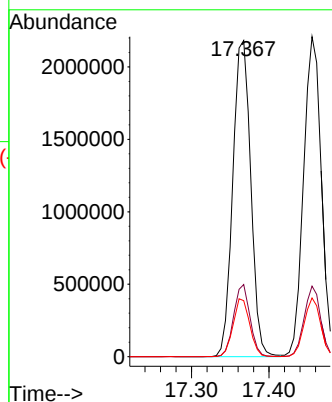
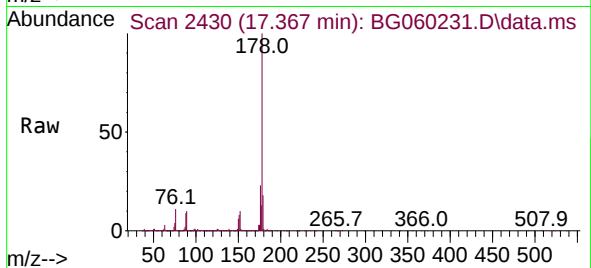
Tgt Ion:178 Resp: 3516965

Ion Ratio Lower Upper

178 100

176 22.8 17.5 26.3

179 17.7 13.8 20.8



#72

Anthracene

Concen: 43.387 ng

RT: 17.455 min Scan# 2445

Delta R.T. -0.004 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

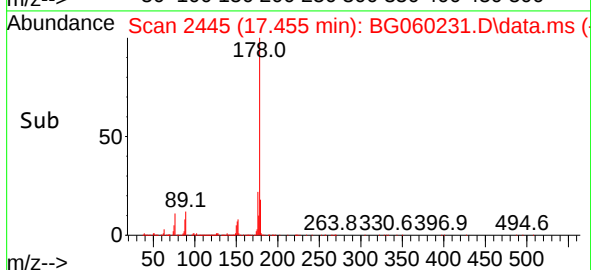
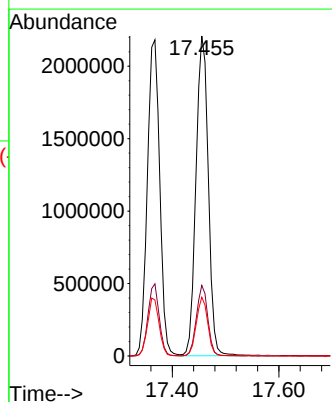
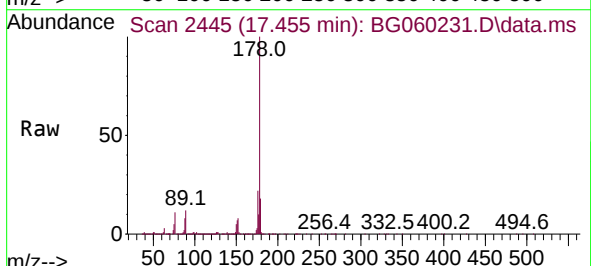
Tgt Ion:178 Resp: 3536203

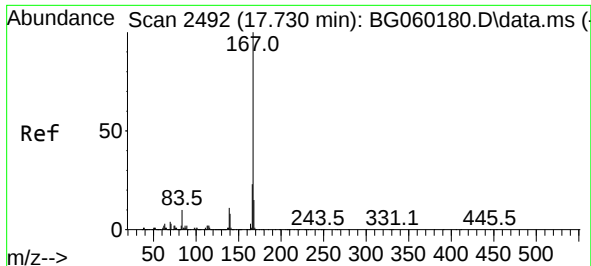
Ion Ratio Lower Upper

178 100

176 22.0 16.2 24.2

179 18.3 14.0 21.0

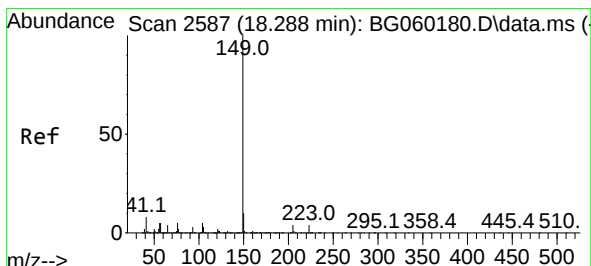
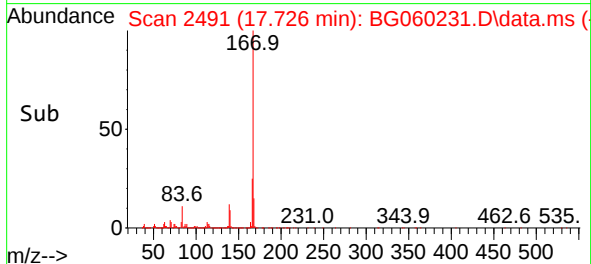
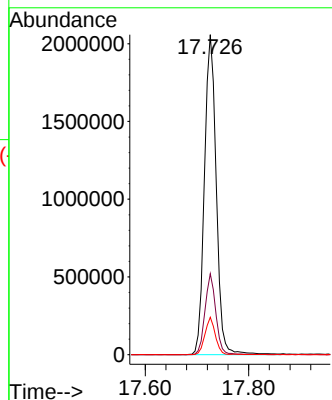
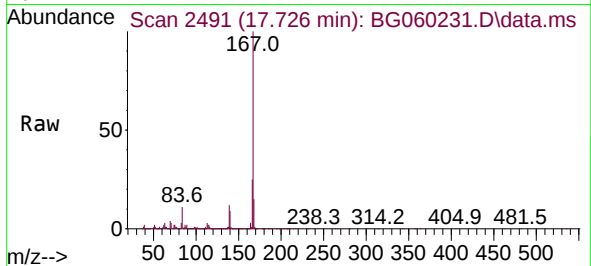




#73
 Carbazole
 Concen: 42.166 ng
 RT: 17.726 min Scan# 2491
 Delta R.T. -0.004 min
 Lab File: BG060231.D
 Acq: 3 Jan 2024 17:39

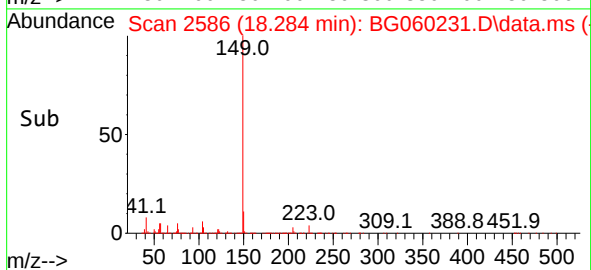
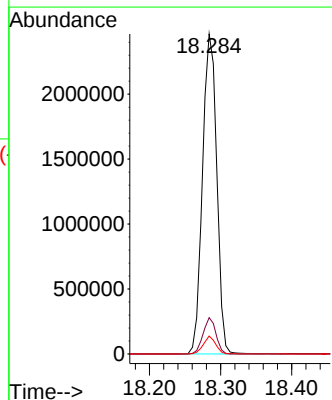
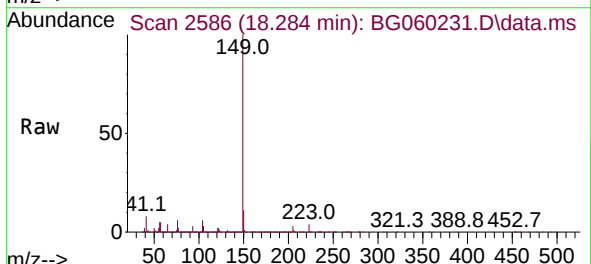
Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-15-0-2MS

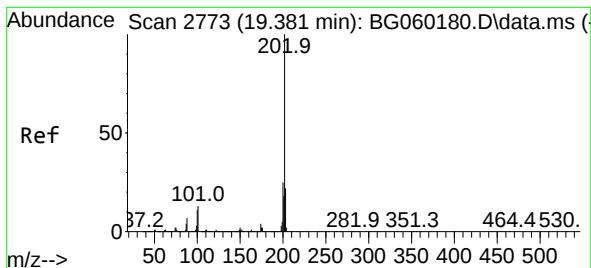
Tgt Ion:167 Resp: 3259513
 Ion Ratio Lower Upper
 167 100
 166 25.3 18.8 28.2
 139 11.7 8.8 13.2



#74
 Di-n-butylphthalate
 Concen: 45.978 ng
 RT: 18.284 min Scan# 2586
 Delta R.T. -0.004 min
 Lab File: BG060231.D
 Acq: 3 Jan 2024 17:39

Tgt Ion:149 Resp: 3444348
 Ion Ratio Lower Upper
 149 100
 150 11.4 8.3 12.5
 104 5.6 4.2 6.4





#75

Fluoranthene

Concen: 41.186 ng

RT: 19.377 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2MS

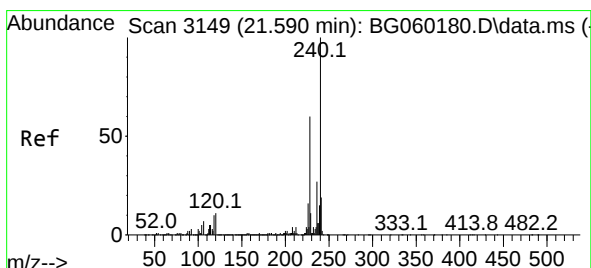
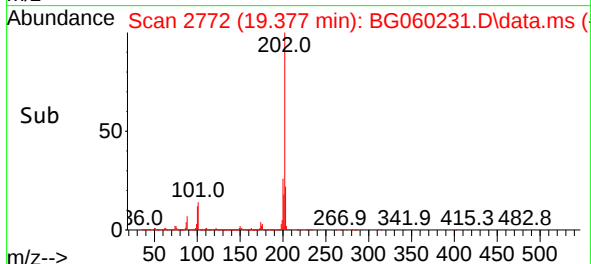
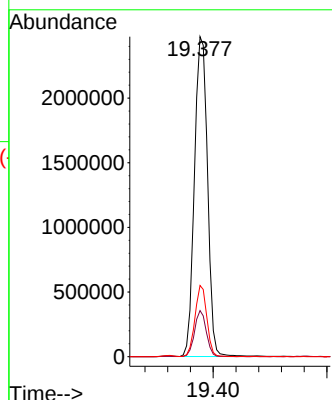
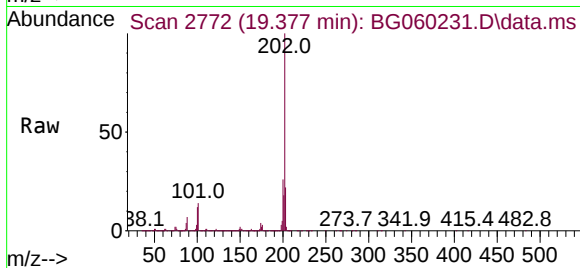
Tgt Ion:202 Resp: 3963965

Ion Ratio Lower Upper

202 100

101 14.4 0.0 32.8

203 22.2 2.0 42.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.592 min Scan# 3149

Delta R.T. 0.002 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

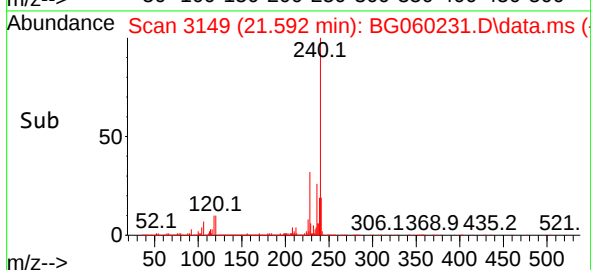
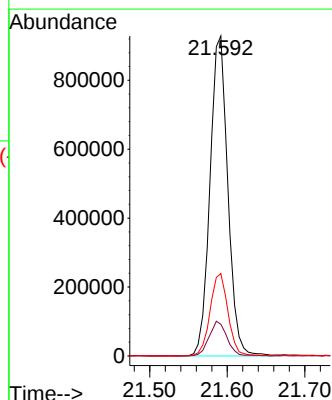
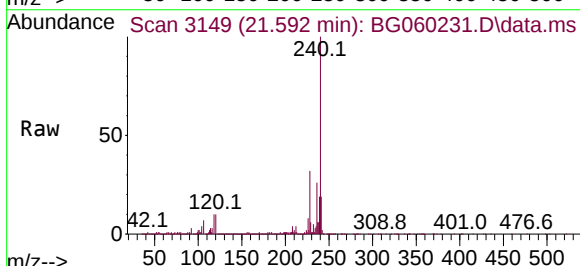
Tgt Ion:240 Resp: 1488911

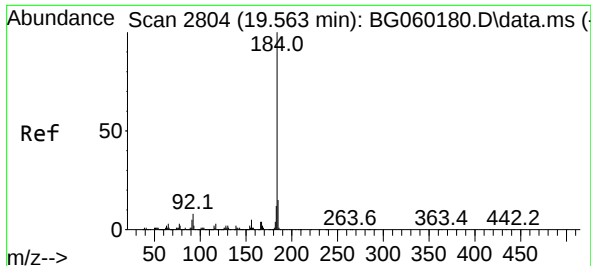
Ion Ratio Lower Upper

240 100

120 9.9 8.5 12.7

236 25.8 21.4 32.2

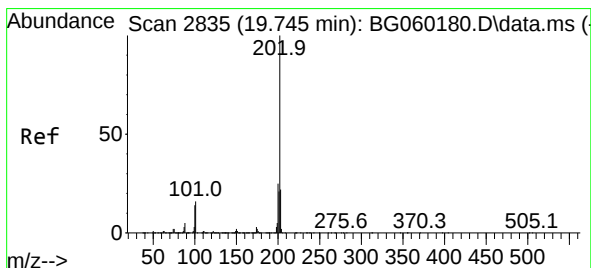
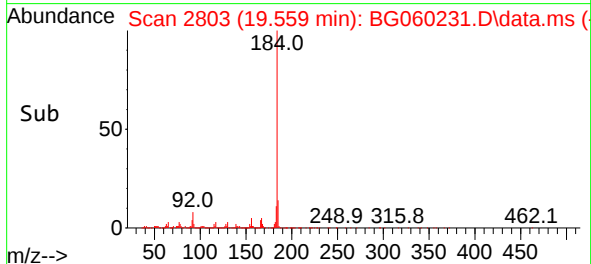
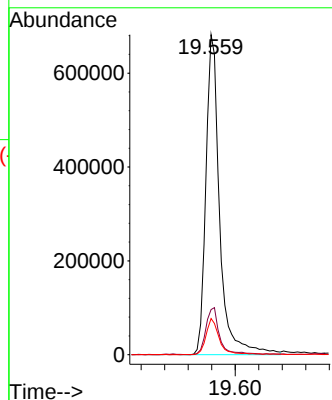
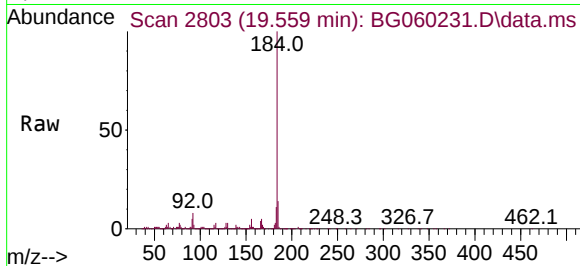




#77
Benzidine
Concen: 26.885 ng
RT: 19.559 min Scan# 2803
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

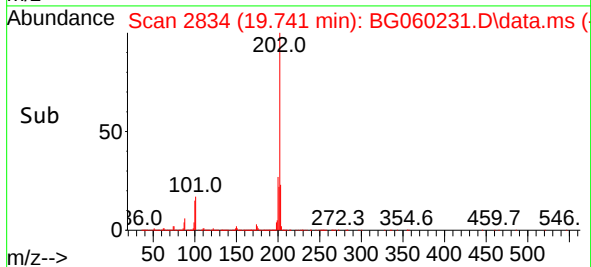
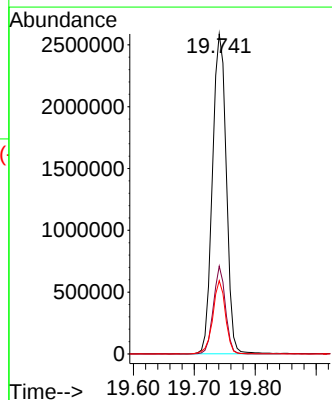
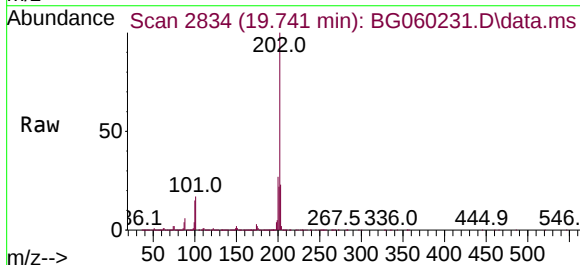
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

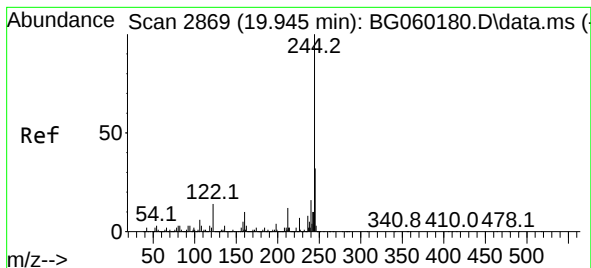
Tgt Ion:184 Resp: 1107886
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 11.3 9.4 14.2



#78
Pyrene
Concen: 40.815 ng
RT: 19.741 min Scan# 2834
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:202 Resp: 4085033
Ion Ratio Lower Upper
202 100
200 27.5 20.3 30.5
203 22.9 17.8 26.6





#79

Terphenyl-d14

Concen: 51.720 ng

RT: 19.941 min Scan# 2868

Delta R.T. -0.004 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2MS

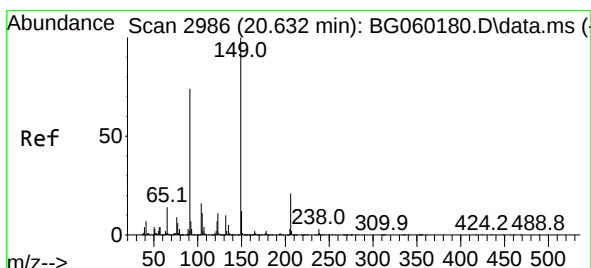
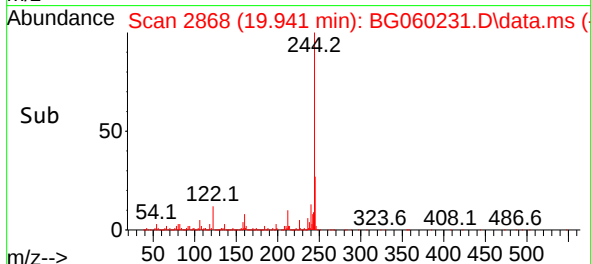
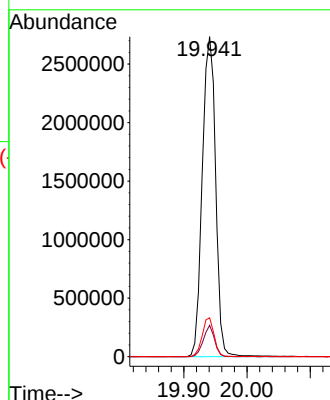
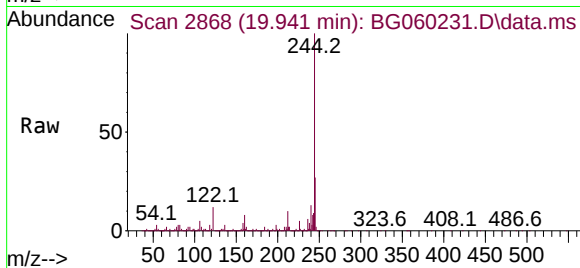
Tgt Ion:244 Resp: 4005537

Ion Ratio Lower Upper

244 100

212 9.8 9.5 14.3

122 12.1 11.4 17.2



#80

Butylbenzylphthalate

Concen: 55.957 ng

RT: 20.628 min Scan# 2985

Delta R.T. -0.004 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

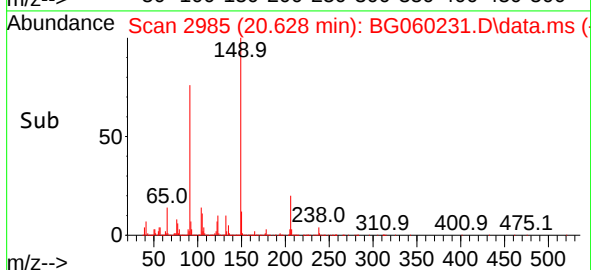
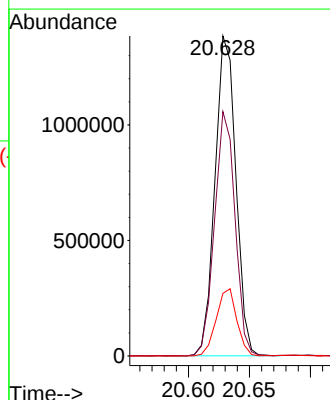
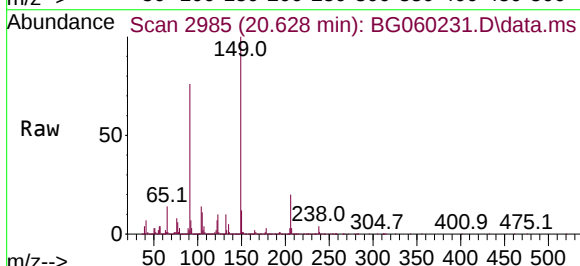
Tgt Ion:149 Resp: 1651375

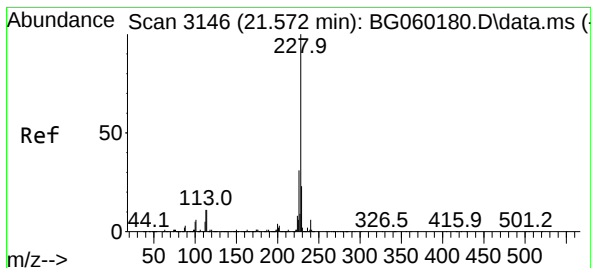
Ion Ratio Lower Upper

149 100

91 76.3 59.4 89.2

206 19.5 16.6 25.0





#81

Benzo(a)anthracene

Concen: 43.299 ng

RT: 21.568 min Scan# 3145

Delta R.T. -0.004 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2MS

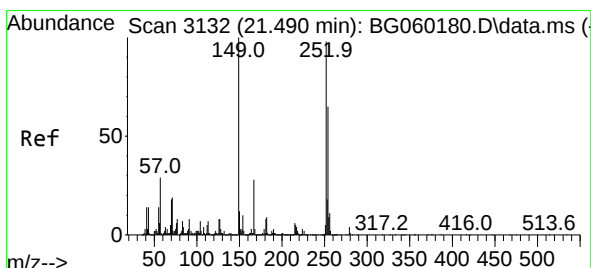
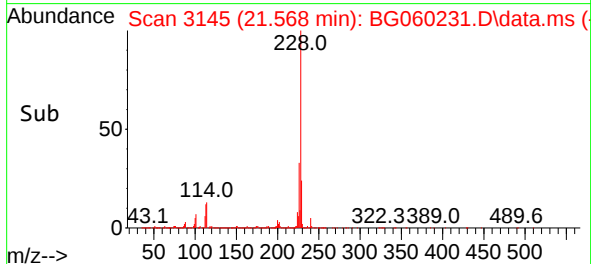
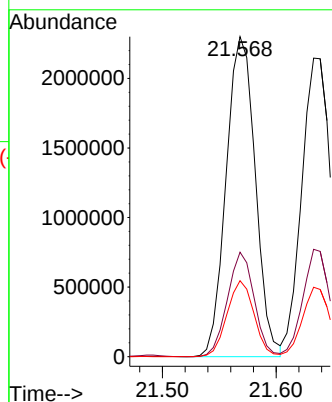
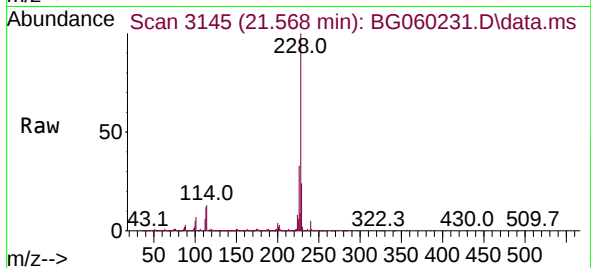
Tgt Ion:228 Resp: 4098976

Ion Ratio Lower Upper

228 100

226 32.6 24.6 36.8

229 23.8 18.4 27.6



#82

3,3'-Dichlorobenzidine

Concen: 32.685 ng

RT: 21.486 min Scan# 3131

Delta R.T. -0.004 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

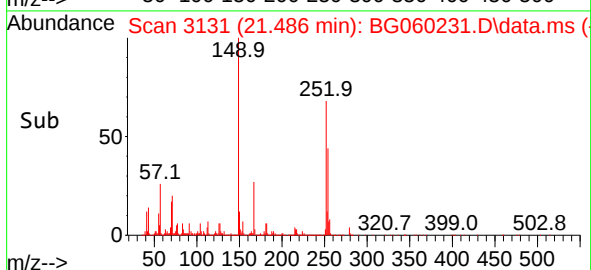
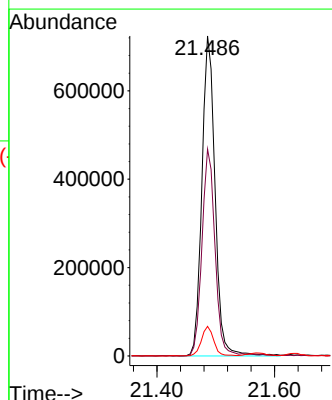
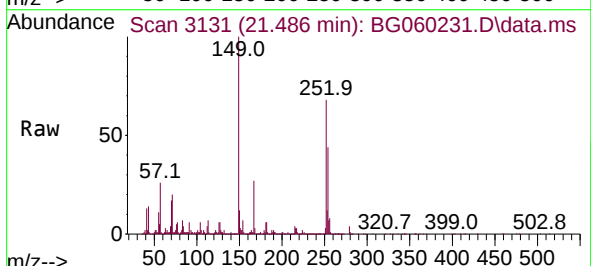
Tgt Ion:252 Resp: 1125182

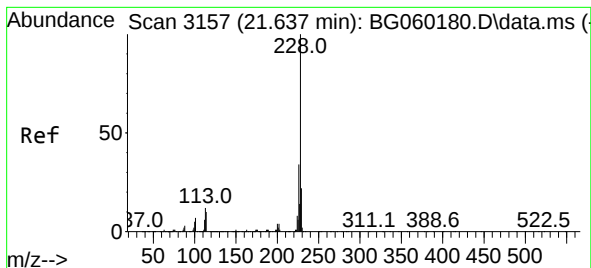
Ion Ratio Lower Upper

252 100

254 64.7 52.6 78.8

126 9.3 6.9 10.3





#83

Chrysene

Concen: 41.768 ng

RT: 21.633 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2MS

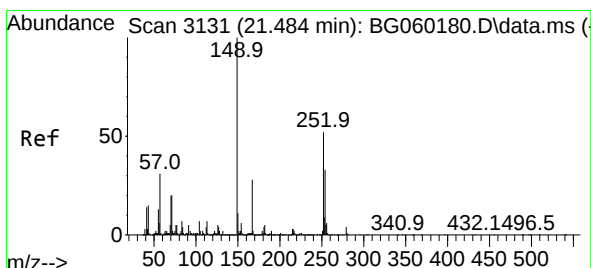
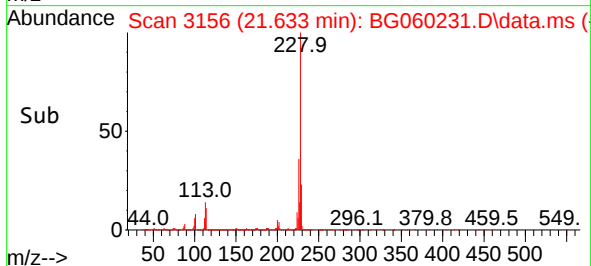
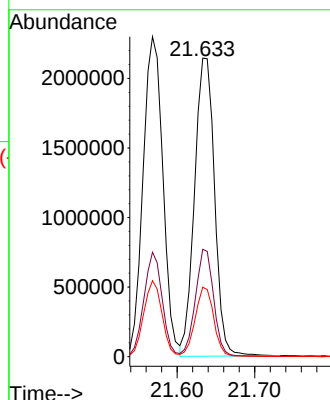
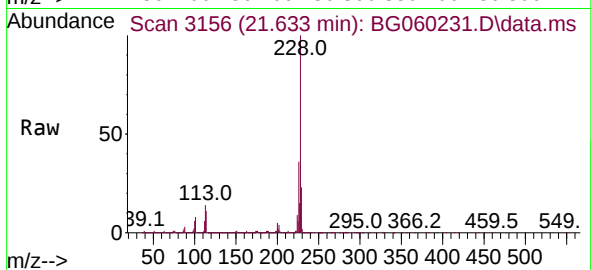
Tgt Ion:228 Resp: 3841395

Ion Ratio Lower Upper

228 100

226 36.0 26.8 40.2

229 23.2 17.7 26.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.712 ng

RT: 21.474 min Scan# 3129

Delta R.T. -0.010 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

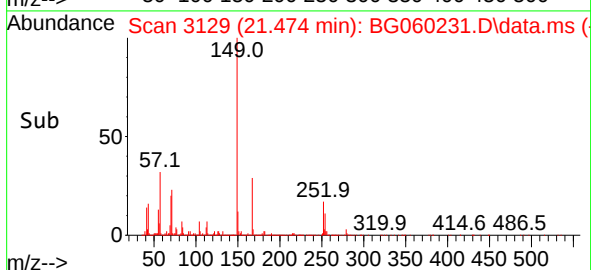
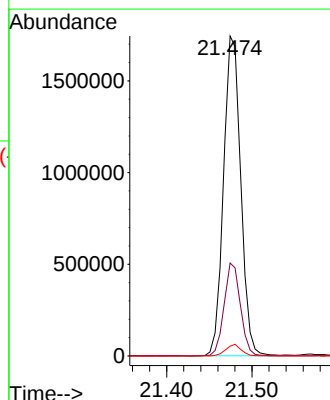
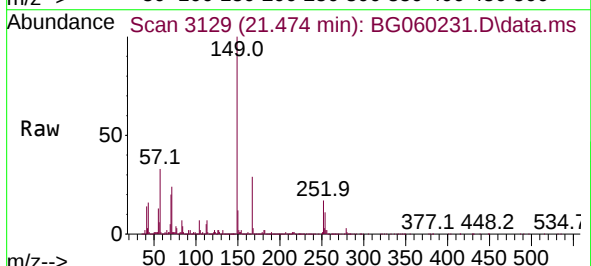
Tgt Ion:149 Resp: 2448602

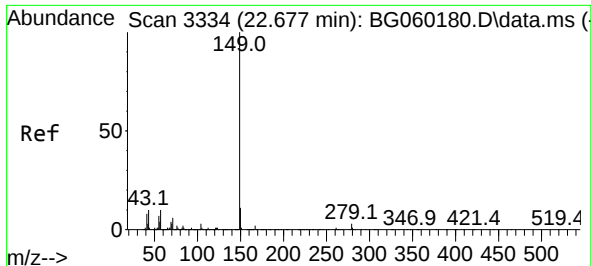
Ion Ratio Lower Upper

149 100

167 29.0 22.2 33.4

279 3.1 2.9 4.3

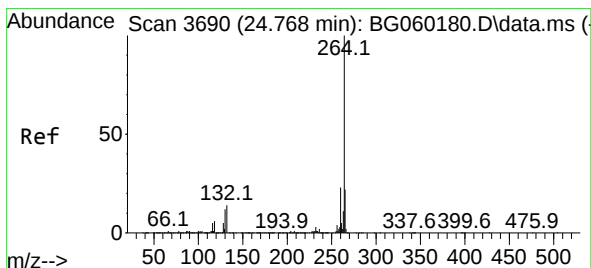
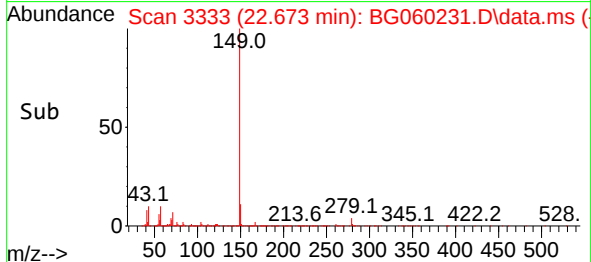
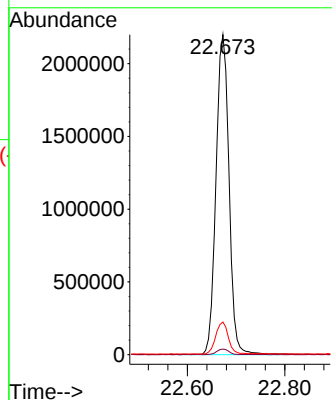
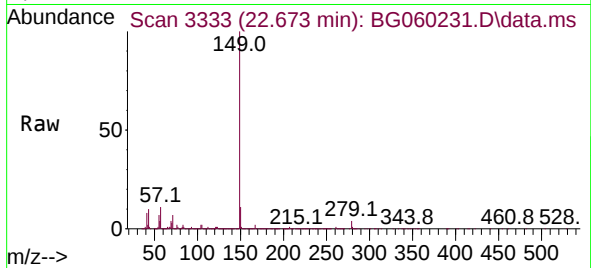




#85
Di-n-octyl phthalate
Concen: 55.520 ng
RT: 22.673 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

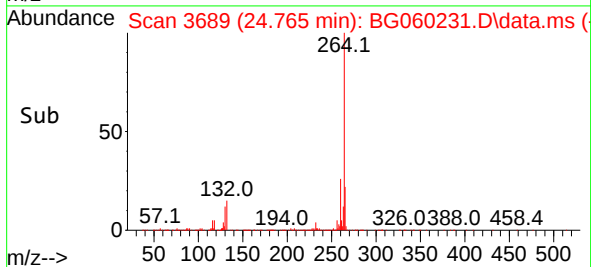
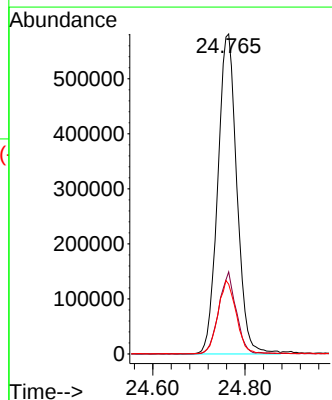
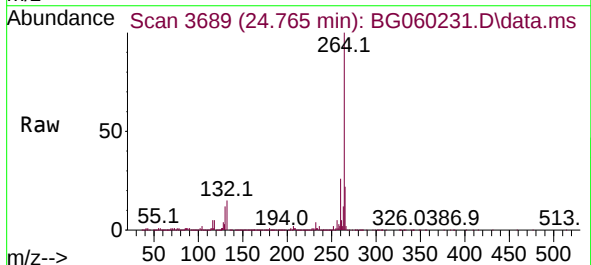
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

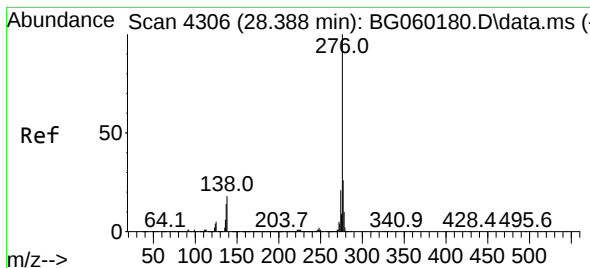
Tgt Ion:149 Resp: 4067296
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.765 min Scan# 3689
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:264 Resp: 1664913
Ion Ratio Lower Upper
264 100
260 25.7 18.0 27.0
265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.370 ng

RT: 28.384 min Scan# 41

Delta R.T. -0.004 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2MS

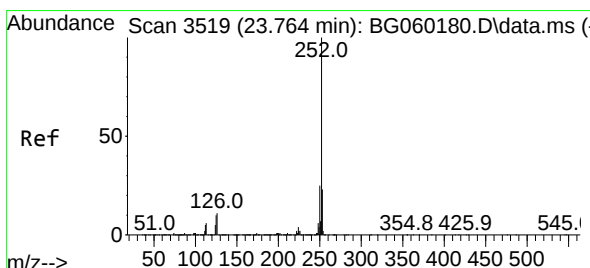
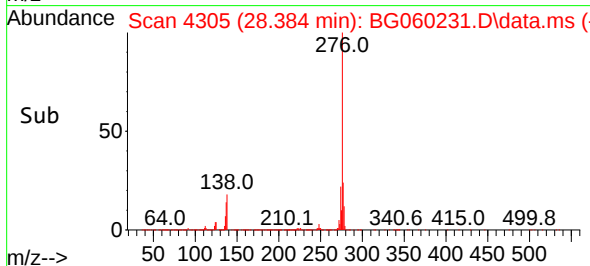
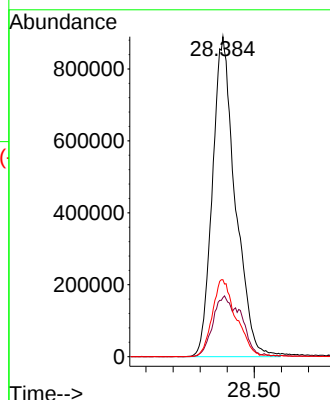
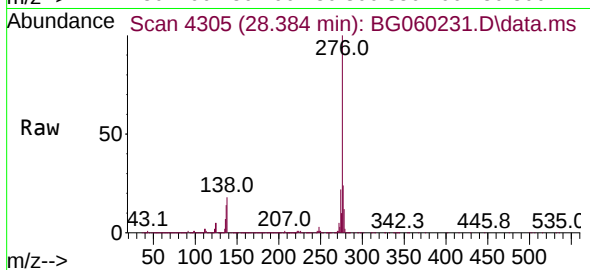
Tgt Ion:276 Resp: 5208209

Ion Ratio Lower Upper

276 100

138 15.0 18.0 27.0#

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 43.285 ng

RT: 23.754 min Scan# 3517

Delta R.T. -0.010 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

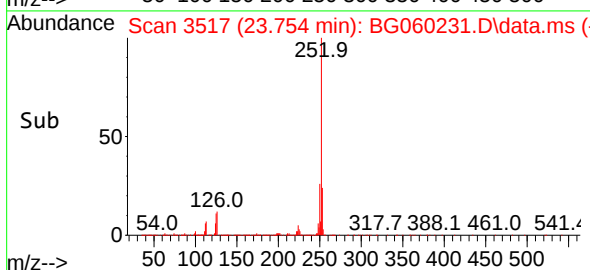
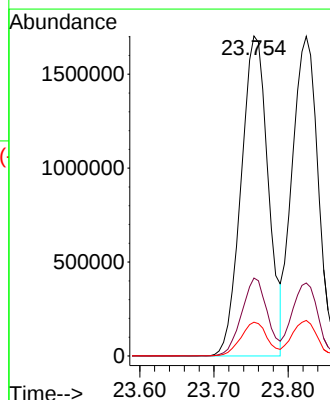
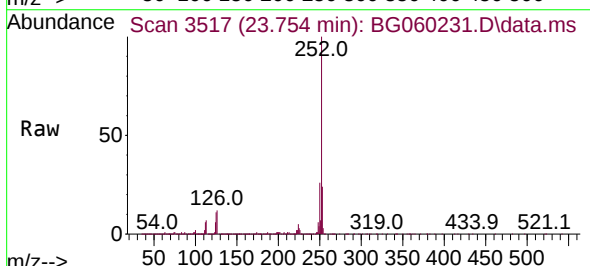
Tgt Ion:252 Resp: 4330696

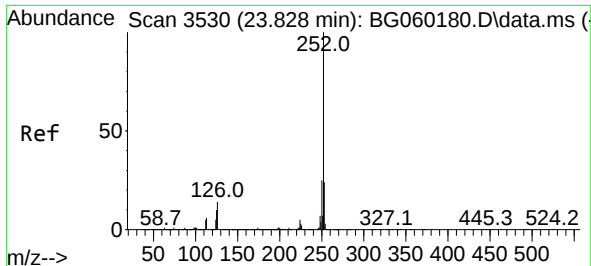
Ion Ratio Lower Upper

252 100

253 24.3 18.4 27.6

125 10.6 8.0 12.0

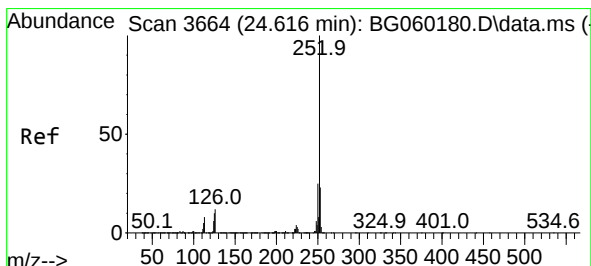
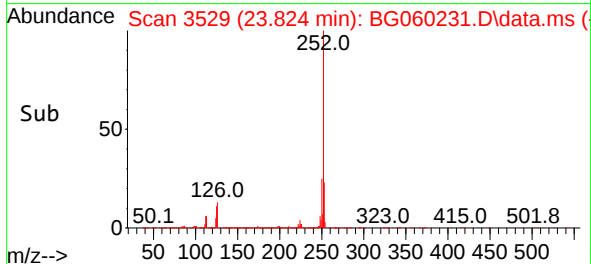
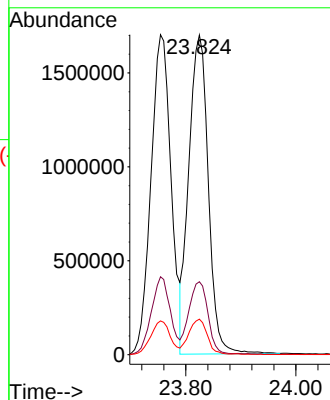
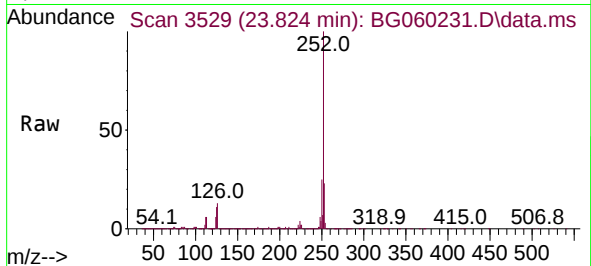




#89
Benzo(k)fluoranthene
Concen: 41.422 ng
RT: 23.824 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

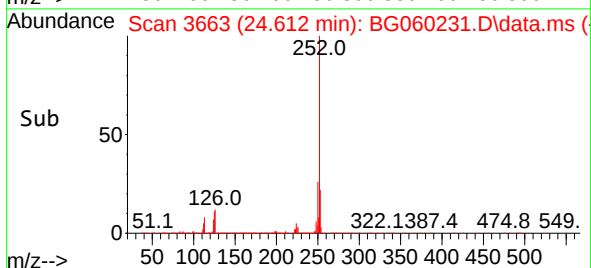
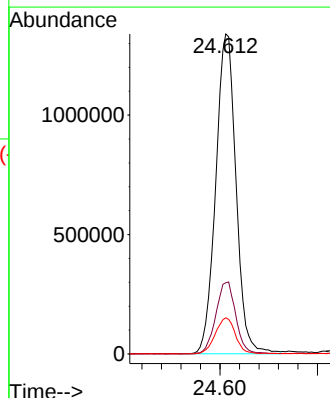
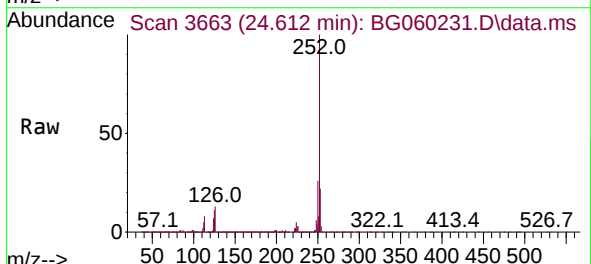
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MS

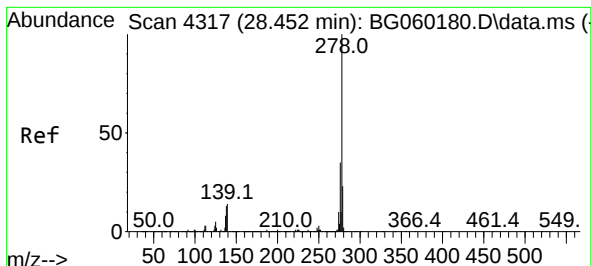
Tgt Ion:252 Resp: 4171282
Ion Ratio Lower Upper
252 100
253 22.8 19.1 28.7
125 11.1 7.7 11.5



#90
Benzo(a)pyrene
Concen: 42.796 ng
RT: 24.612 min Scan# 3663
Delta R.T. -0.004 min
Lab File: BG060231.D
Acq: 3 Jan 2024 17:39

Tgt Ion:252 Resp: 3873866
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 11.3 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 44.968 ng

RT: 28.448 min Scan# 41

Delta R.T. -0.004 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2MS

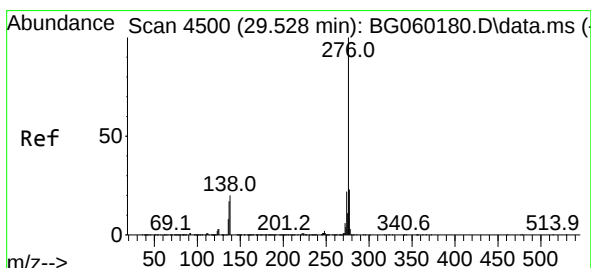
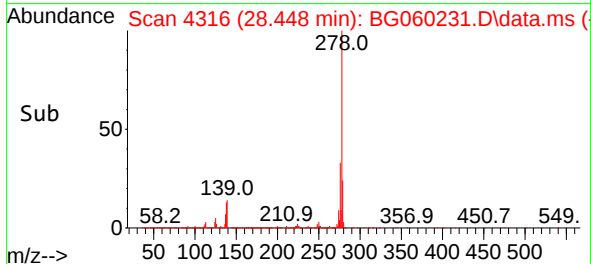
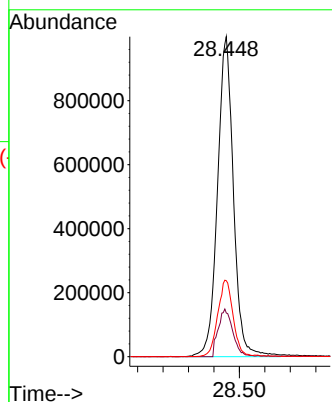
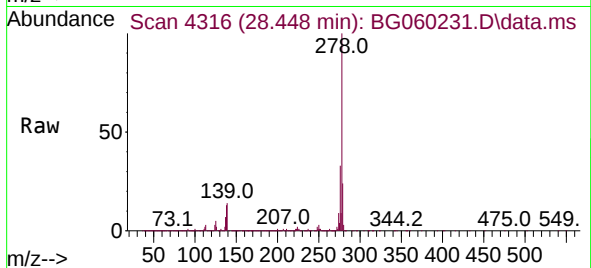
Tgt Ion:278 Resp: 4336992

Ion Ratio Lower Upper

278 100

139 13.7 11.0 16.4

279 23.7 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 42.908 ng

RT: 29.518 min Scan# 4498

Delta R.T. -0.010 min

Lab File: BG060231.D

Acq: 3 Jan 2024 17:39

Tgt Ion:276 Resp: 4191692

Ion Ratio Lower Upper

276 100

277 22.3 18.7 28.1

138 19.6 15.9 23.9

