

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060232.D
 Acq On : 3 Jan 2024 18:19
 Operator : MA/JU
 Sample : 05898-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jan 04 00:40:23 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	7.932	152	183110	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	795388	20.000	ng	0.00
39) Acenaphthene-d10	14.571	164	620980	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1584291	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1466327	20.000	ng	0.00
86) Perylene-d12	24.759	264	1646666	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1173565	96.735	ng	0.00
7) Phenol-d6	7.098	99	1723450	95.679	ng	0.00
23) Nitrobenzene-d5	9.095	82	1021179	59.302	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	804429	96.774	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	2449656	56.696	ng	0.00
79) Terphenyl-d14	19.941	244	3977395	52.147	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.408	88	211514	39.187	ng	95
3) Pyridine	3.796	79	534546	34.920	ng	97
4) n-Nitrosodimethylamine	3.713	42	237114	41.522	ng	96
6) Aniline	7.256	93	612370	33.931	ng	97
8) 2-Chlorophenol	7.497	128	564811	48.442	ng	95
9) Benzaldehyde	7.074	77	170486	15.742	ng	92
10) Phenol	7.127	94	887662	48.868	ng	96
11) bis(2-Chloroethyl)ether	7.356	93	616985	41.975	ng	94
12) 1,3-Dichlorobenzene	7.826	146	624559	43.393	ng	98
13) 1,4-Dichlorobenzene	7.967	146	643277	44.209	ng	96
14) 1,2-Dichlorobenzene	8.290	146	625320	43.958	ng	98
15) Benzyl Alcohol	8.173	79	563578	50.407	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.461	45	802653	42.548	ng	98
17) 2-Methylphenol	8.378	107	556874	48.960	ng	97
18) Hexachloroethane	9.019	117	217720	47.509	ng	98
19) n-Nitroso-di-n-propyla...	8.737	70	520178	42.272	ng	95
20) 3+4-Methylphenols	8.702	107	774772	48.062	ng	99
22) Acetophenone	8.754	105	979723	41.574	ng	99
24) Nitrobenzene	9.136	77	738887	41.938	ng	100
25) Isophorone	9.659	82	1415599	39.292	ng	99
26) 2-Nitrophenol	9.847	139	317018	51.564	ng	96
27) 2,4-Dimethylphenol	9.906	122	487703	56.002	ng	100
28) bis(2-Chloroethoxy)met...	10.147	93	880219	41.714	ng	99
29) 2,4-Dichlorophenol	10.382	162	663100	48.179	ng	97
30) 1,2,4-Trichlorobenzene	10.599	180	696114	41.555	ng	95
31) Naphthalene	10.787	128	1785382	42.518	ng	99
32) Benzoic acid	10.047	122	393136	49.977	ng	93
33) 4-Chloroaniline	10.899	127	396911	24.203	ng	98
34) Hexachlorobutadiene	11.069	225	394295	39.575	ng	99
35) Caprolactam	11.669	113	140261	30.636	ng	# 81
36) 4-Chloro-3-methylphenol	12.021	107	676445	47.756	ng	99
37) 2-Methylnaphthalene	12.397	142	1288996	42.498	ng	100
38) 1-Methylnaphthalene	12.615	142	1301996	42.458	ng	97
40) 1,2,4,5-Tetrachloroben...	12.767	216	859343	43.202	ng	99
41) Hexachlorocyclopentadiene	12.744	237	836781	130.150	ng	99
43) 2,4,6-Trichlorophenol	13.002	196	602680	46.107	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060232.D
 Acq On : 3 Jan 2024 18:19
 Operator : MA/JU
 Sample : 05898-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

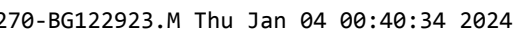
Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-15-0-2MSD

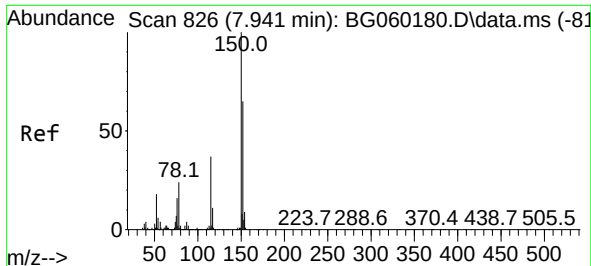
Quant Time: Jan 04 00:40:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	690328	47.210	ng	98
46) 1,1'-Biphenyl	13.408	154	1991670	43.593	ng	99
47) 2-Chloronaphthalene	13.449	162	1654007	42.492	ng	99
48) 2-Nitroaniline	13.655	65	512661	50.397	ng	98
49) Acenaphthylene	14.295	152	2650023	47.251	ng	99
50) Dimethylphthalate	14.031	163	2064712	43.065	ng	100
51) 2,6-Dinitrotoluene	14.148	165	463806	46.510	ng	98
52) Acenaphthene	14.642	154	1514524	43.275	ng	99
53) 3-Nitroaniline	14.483	138	332148	35.348	ng	96
54) 2,4-Dinitrophenol	14.683	184	586117	98.774	ng	96
55) Dibenzofuran	14.971	168	2604849	44.433	ng	98
56) 4-Nitrophenol	14.789	139	788263	110.980	ng	99
57) 2,4-Dinitrotoluene	14.935	165	666055	49.119	ng	99
58) Fluorene	15.623	166	2155048	44.821	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.200	232	622988	48.880	ng	99
60) Diethylphthalate	15.394	149	2032404	44.452	ng	99
61) 4-Chlorophenyl-phenyle...	15.611	204	1077264	43.028	ng	98
62) 4-Nitroaniline	15.646	138	482260	48.695	ng	94
63) Azobenzene	15.911	77	2104488	44.397	ng	98
65) 4,6-Dinitro-2-methylph...	15.699	198	391324	49.364	ng	95
66) n-Nitrosodiphenylamine	15.829	169	1892636	44.333	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	694960	41.374	ng	96
68) Hexachlorobenzene	16.628	284	820654	41.671	ng	99
69) Atrazine	16.780	200	763393	48.653	ng	98
70) Pentachlorophenol	16.968	266	1012242	93.564	ng	100
71) Phenanthrene	17.368	178	3459408	44.176	ng	99
72) Anthracene	17.456	178	3491099	44.881	ng	98
73) Carbazole	17.726	167	3215510	43.584	ng	98
74) Di-n-butylphthalate	18.284	149	3382820	47.315	ng	98
75) Fluoranthene	19.377	202	3908333	42.548	ng	97
77) Benzidine	19.559	184	1181915	29.123	ng	98
78) Pyrene	19.742	202	4073614	41.328	ng	97
80) Butylbenzylphthalate	20.629	149	1631030	56.119	ng	97
81) Benzo(a)anthracene	21.569	228	4091480	43.886	ng	98
82) 3,3'-Dichlorobenzidine	21.487	252	1132136	33.394	ng	98
83) Chrysene	21.633	228	3855333	42.565	ng	98
84) Bis(2-ethylhexyl)phtha...	21.481	149	2447001	55.519	ng	98
85) Di-n-octyl phthalate	22.673	149	4080708	56.561	ng	100
87) Indeno(1,2,3-cd)pyrene	28.384	276	5254617	45.262	ng	99
88) Benzo(b)fluoranthene	23.755	252	4347281	43.932	ng	99
89) Benzo(k)fluoranthene	23.825	252	4219376	42.364	ng	99
90) Benzo(a)pyrene	24.618	252	3942613	44.038	ng	97
91) Dibenzo(a,h)anthracene	28.443	278	4361386	45.722	ng	98
92) Benzo(g,h,i)perylene	29.524	276	4214436	43.619	ng	98

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

Quant Time: Jan 04 00:40:23 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

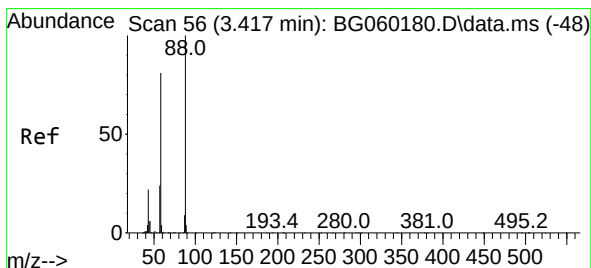
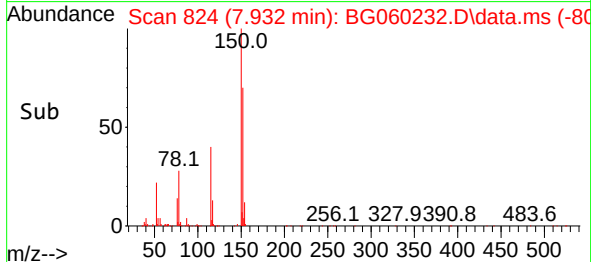
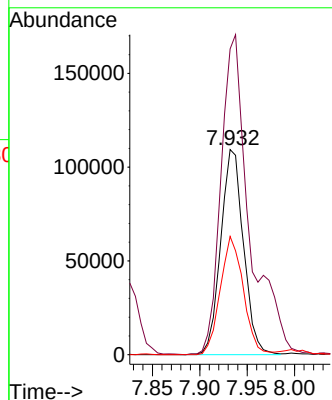
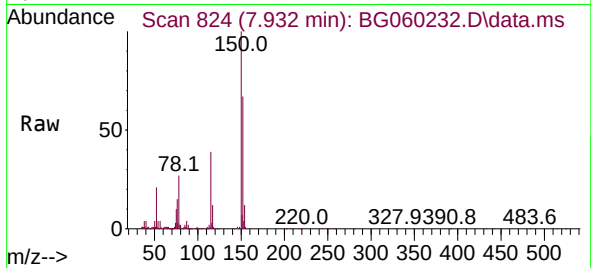




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

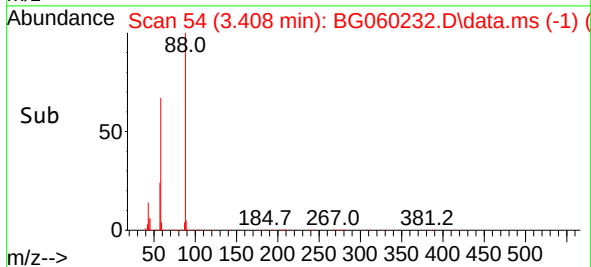
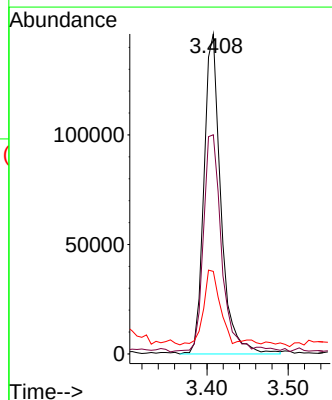
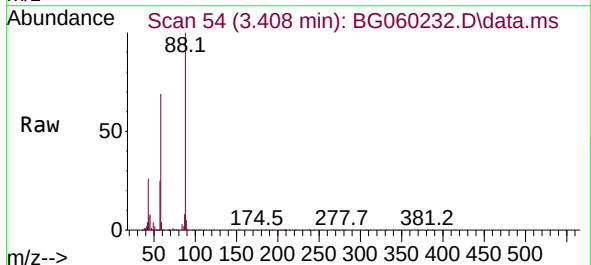
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

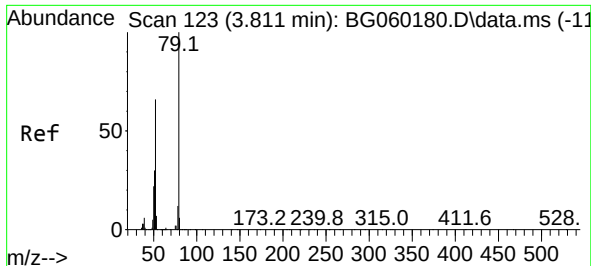
Tgt Ion:152 Resp: 183110
Ion Ratio Lower Upper
152 100
150 149.1 123.4 185.0
115 57.6 45.4 68.0



#2
1,4-Dioxane
Concen: 39.187 ng
RT: 3.408 min Scan# 54
Delta R.T. -0.009 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion: 88 Resp: 211514
Ion Ratio Lower Upper
88 100
58 70.7 60.5 90.7
43 22.9 18.9 28.3

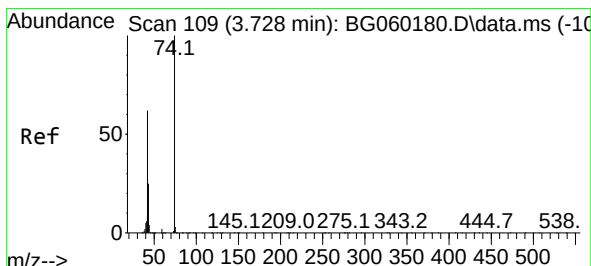
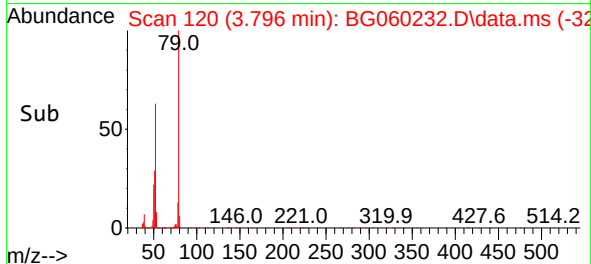
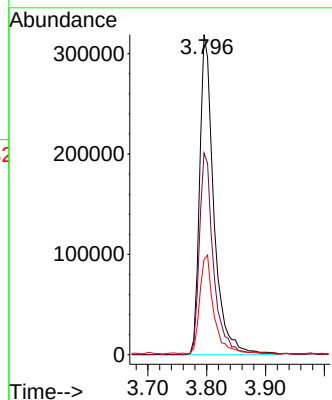
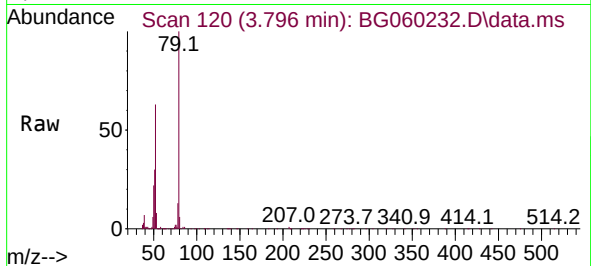




#3
Pyridine
Concen: 34.920 ng
RT: 3.796 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

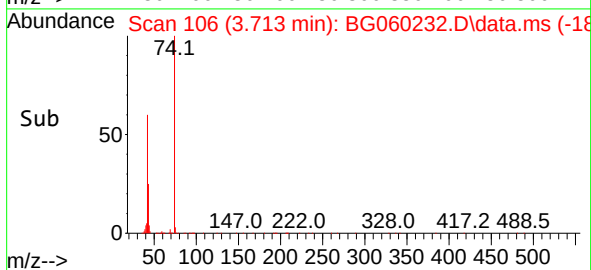
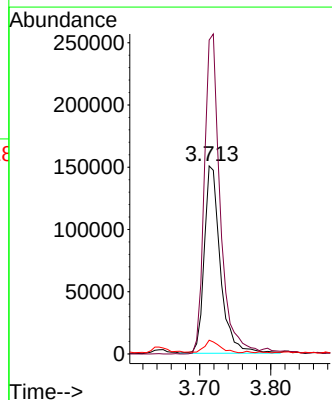
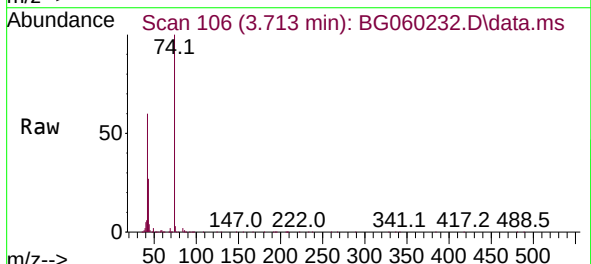
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

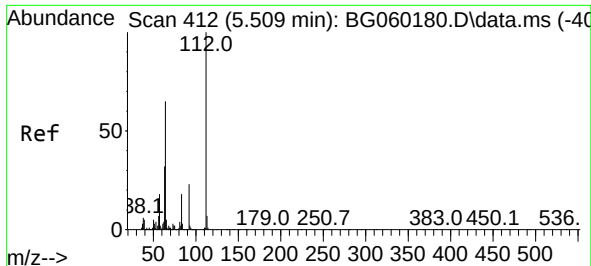
Tgt Ion: 79 Resp: 534546
Ion Ratio Lower Upper
79 100
52 63.0 52.9 79.3
51 29.7 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 41.522 ng
RT: 3.713 min Scan# 106
Delta R.T. -0.015 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion: 42 Resp: 237114
Ion Ratio Lower Upper
42 100
74 167.0 129.5 194.3
44 7.3 5.9 8.9

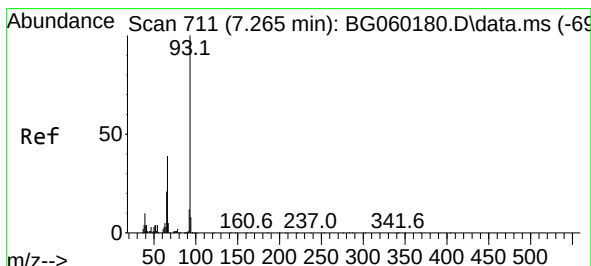
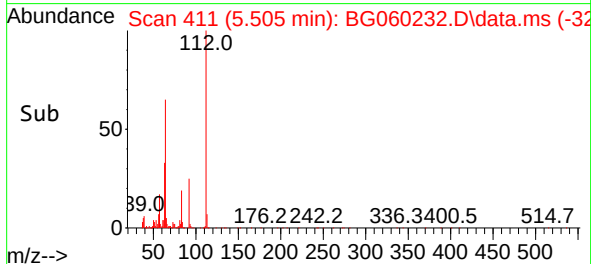
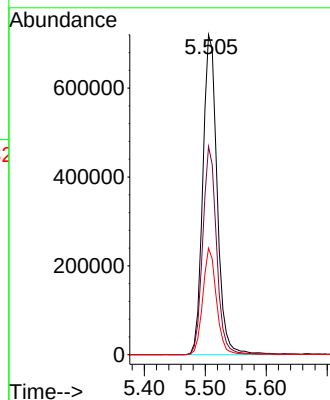
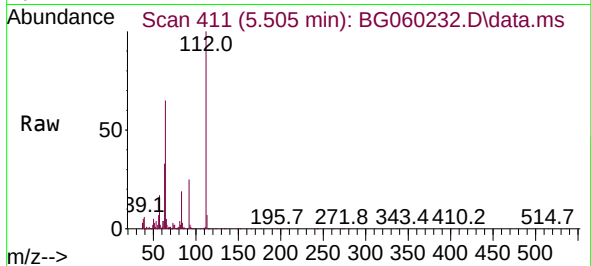




#5
2-Fluorophenol
Concen: 96.735 ng
RT: 5.505 min Scan# 412
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

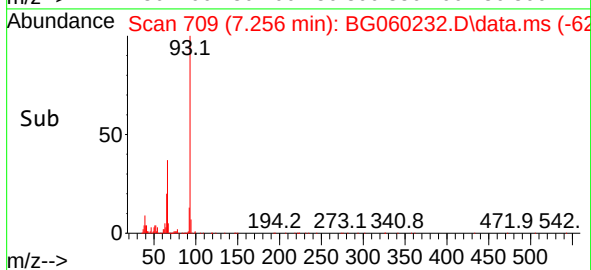
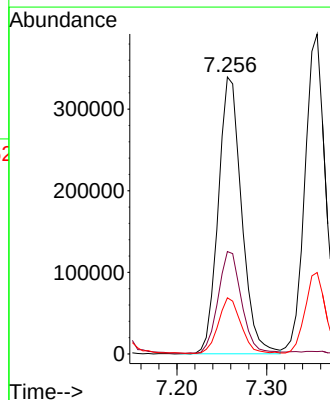
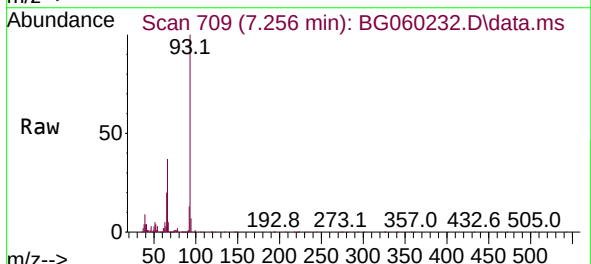
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

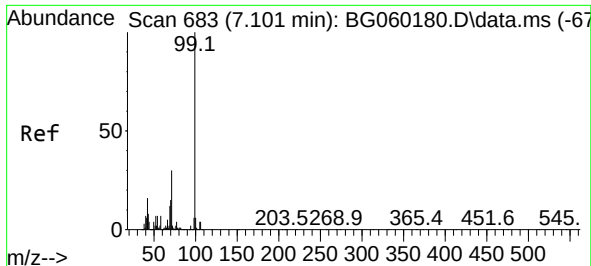
Tgt Ion:112 Resp: 1173565
Ion Ratio Lower Upper
112 100
64 65.0 52.2 78.4
63 33.3 25.4 38.0



#6
Aniline
Concen: 33.931 ng
RT: 7.256 min Scan# 709
Delta R.T. -0.009 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion: 93 Resp: 612370
Ion Ratio Lower Upper
93 100
66 37.0 31.7 47.5
65 20.3 16.7 25.1



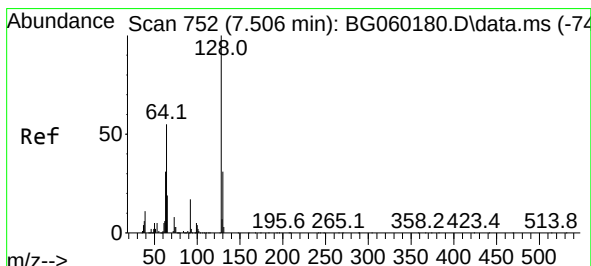
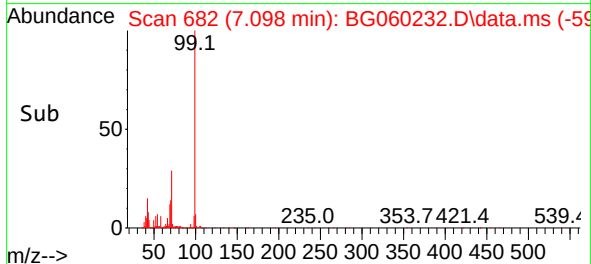
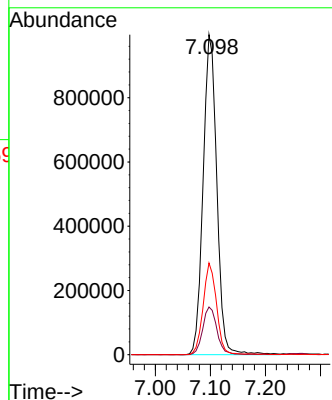
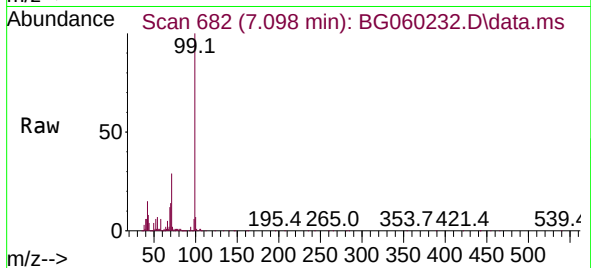


#7
Phenol-d6
Concen: 95.679 ng
RT: 7.098 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

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

Tgt Ion: 99 Resp: 1723450

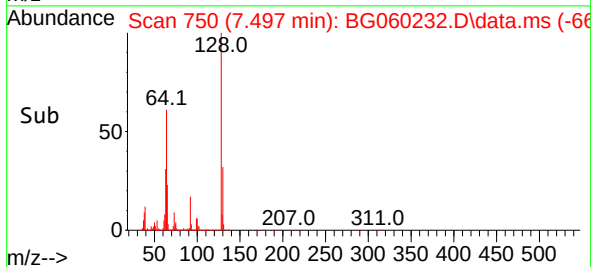
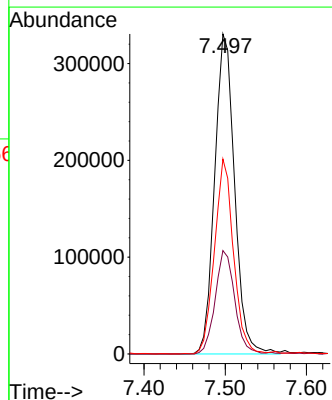
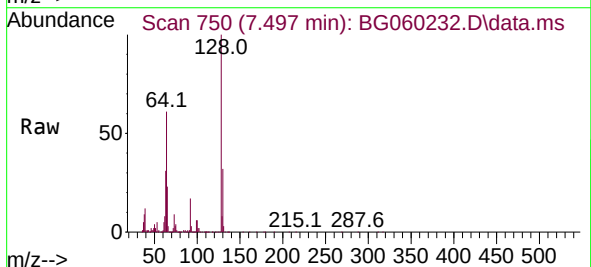
Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.5	18.7
71	28.6	24.1	36.1

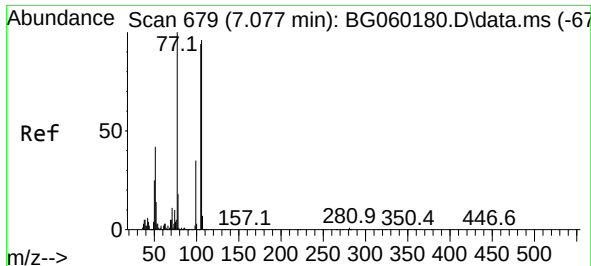


#8
2-Chlorophenol
Concen: 48.442 ng
RT: 7.497 min Scan# 750
Delta R.T. -0.009 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion: 128 Resp: 564811

Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.3	51.3
64	60.9	36.4	76.4

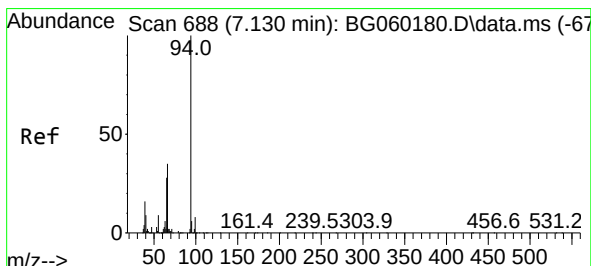
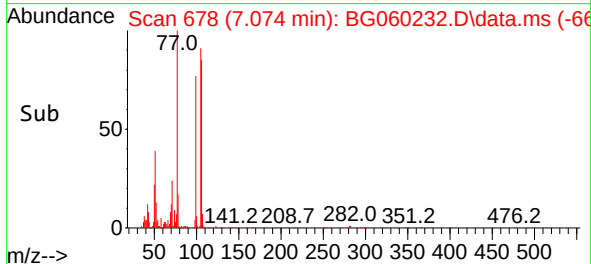
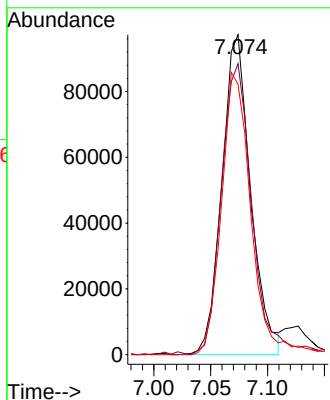
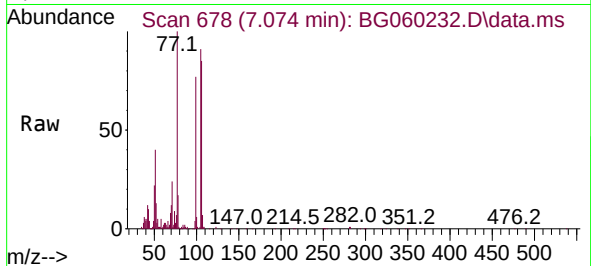




#9
Benzaldehyde
Concen: 15.742 ng
RT: 7.074 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

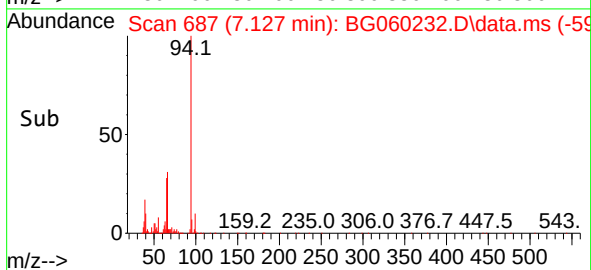
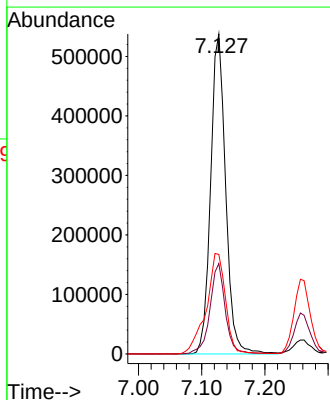
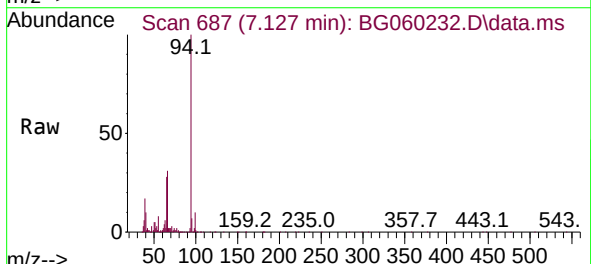
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

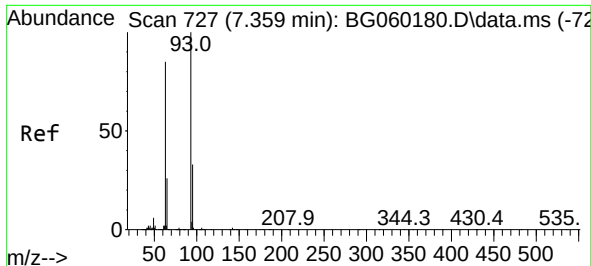
Tgt Ion: 77 Resp: 170486
Ion Ratio Lower Upper
77 100
105 91.0 73.8 113.8
106 84.5 76.2 116.2



#10
Phenol
Concen: 48.868 ng
RT: 7.127 min Scan# 687
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion: 94 Resp: 887662
Ion Ratio Lower Upper
94 100
65 28.2 8.4 48.4
66 31.1 15.0 55.0

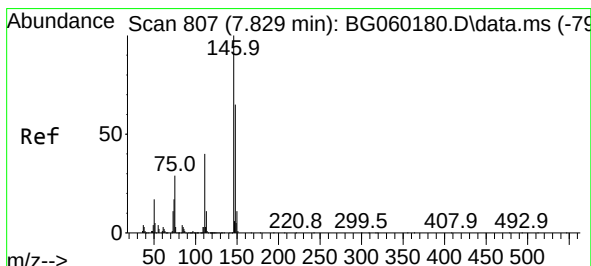
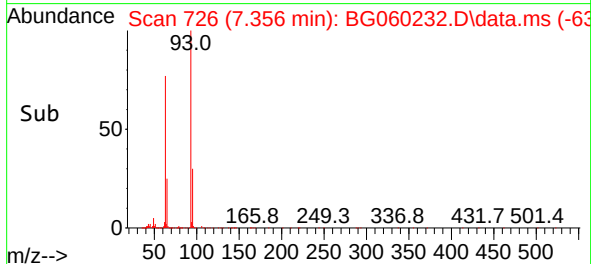
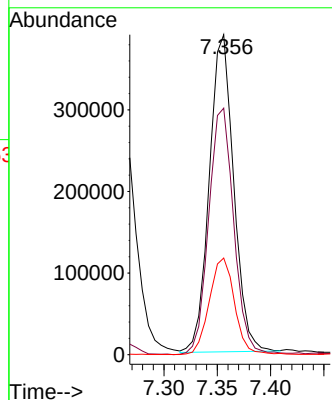
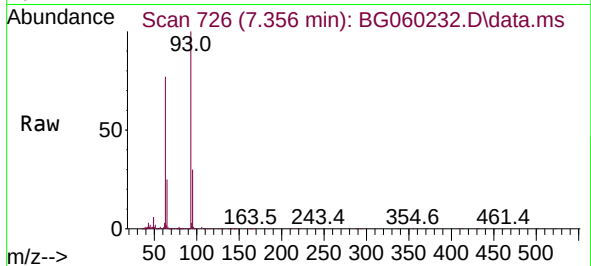




#11
bis(2-Chloroethyl)ether
Concen: 41.975 ng
RT: 7.356 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

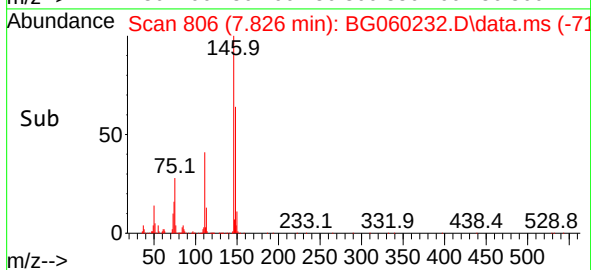
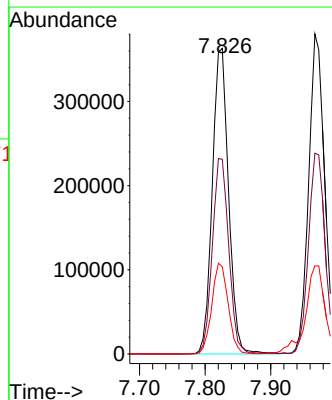
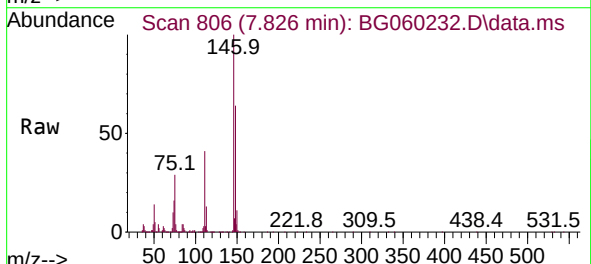
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

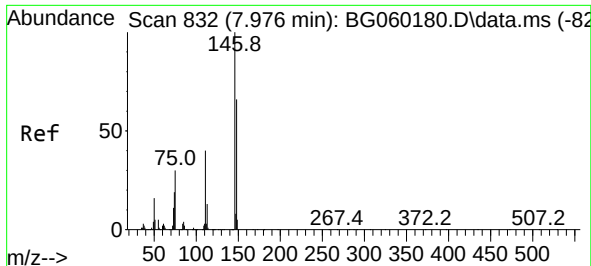
Tgt Ion: 93 Resp: 616985
Ion Ratio Lower Upper
93 100
63 77.1 63.8 103.8
95 30.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.393 ng
RT: 7.826 min Scan# 806
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:146 Resp: 624559
Ion Ratio Lower Upper
146 100
148 63.7 52.2 78.4
75 28.5 23.4 35.2

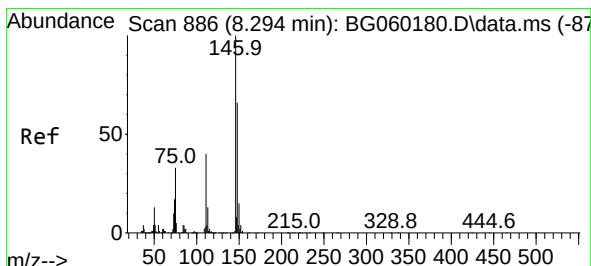
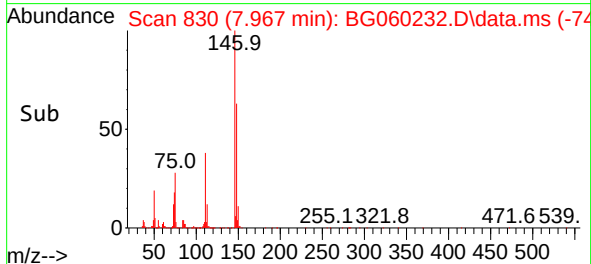
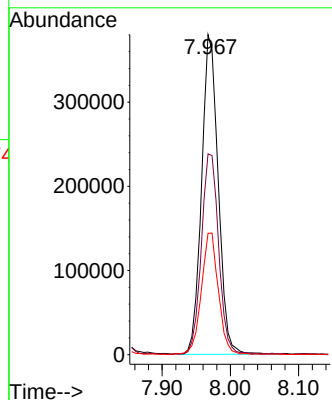
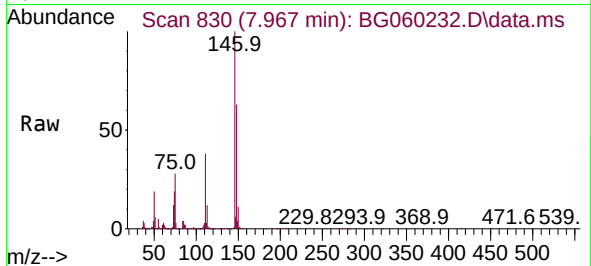




#13
1,4-Dichlorobenzene
Concen: 44.209 ng
RT: 7.967 min Scan# 811
Delta R.T. -0.009 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

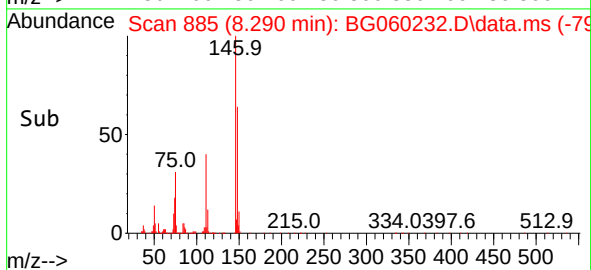
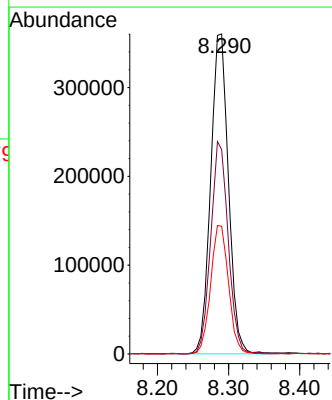
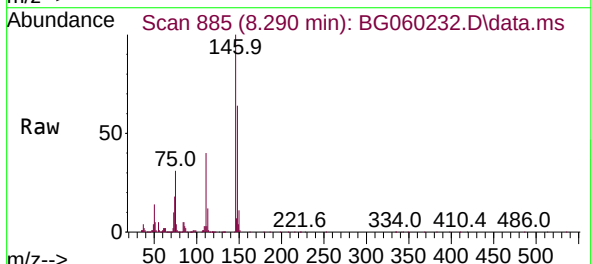
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

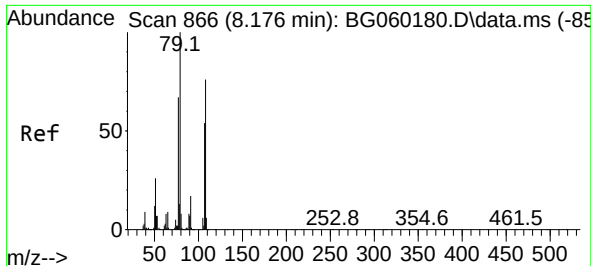
Tgt Ion:146 Resp: 643277
Ion Ratio Lower Upper
146 100
148 62.8 53.0 79.4
111 38.0 32.0 48.0



#14
1,2-Dichlorobenzene
Concen: 43.958 ng
RT: 8.290 min Scan# 885
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:146 Resp: 625320
Ion Ratio Lower Upper
146 100
148 63.9 52.9 79.3
111 39.9 31.8 47.8

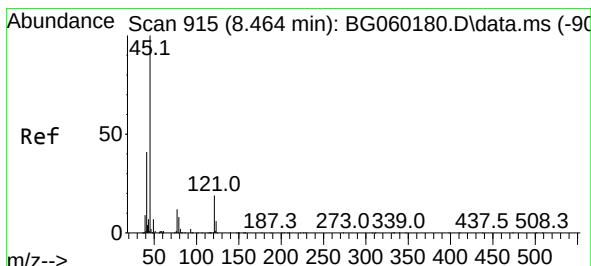
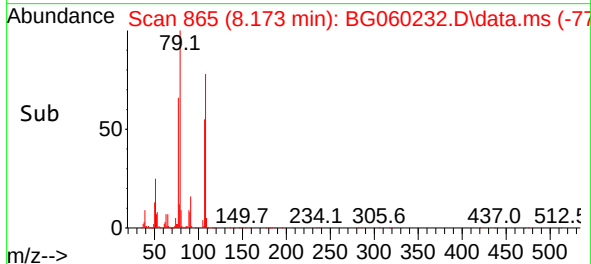
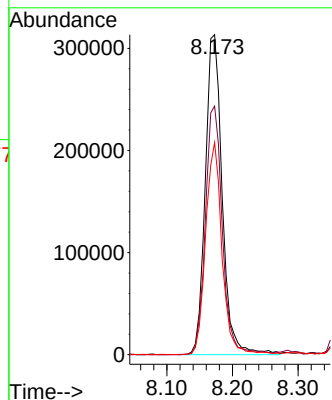
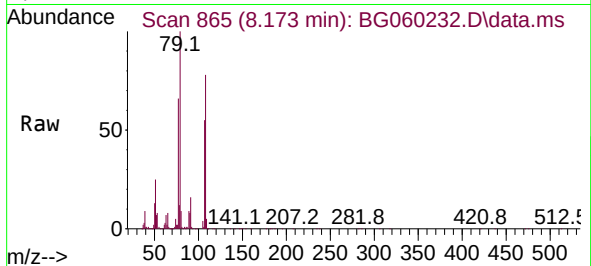




#15
Benzyl Alcohol
Concen: 50.407 ng
RT: 8.173 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

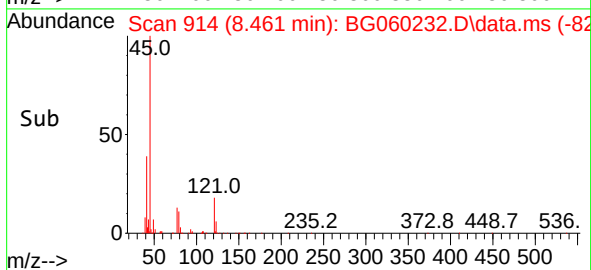
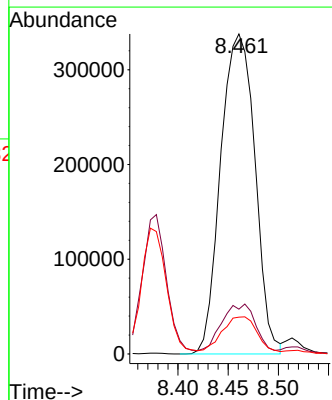
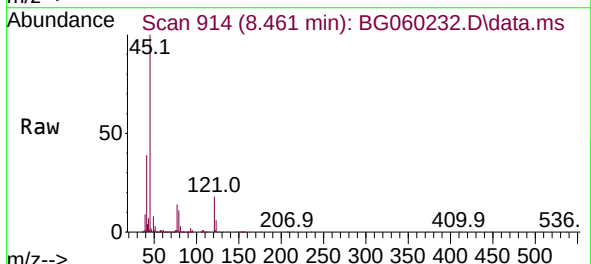
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

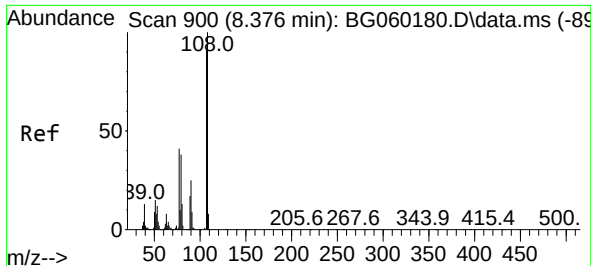
Tgt Ion: 79 Resp: 563578
Ion Ratio Lower Upper
79 100
108 77.7 60.6 91.0
77 66.3 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.548 ng
RT: 8.461 min Scan# 914
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion: 45 Resp: 802653
Ion Ratio Lower Upper
45 100
77 14.0 0.0 35.5
79 11.5 0.0 31.5

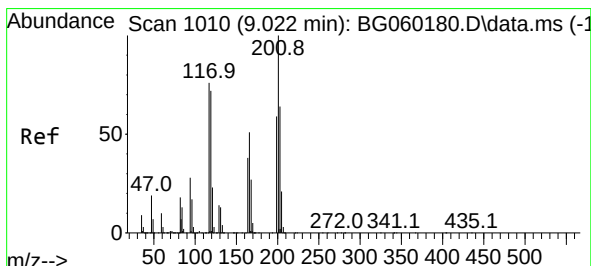
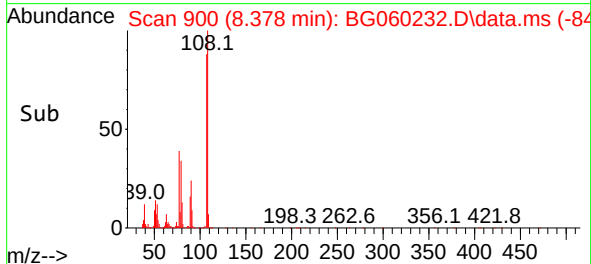
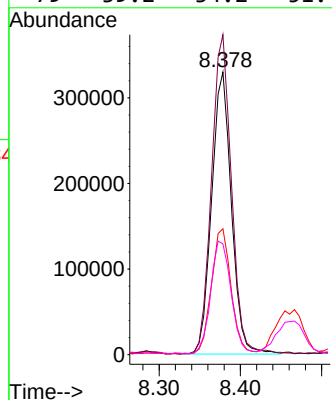
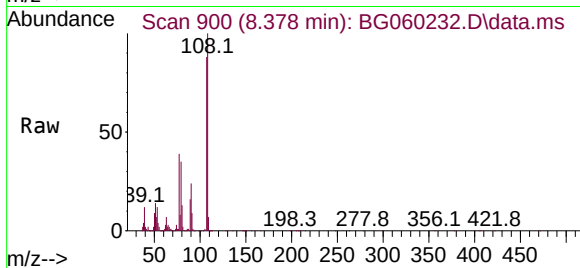




#17
2-Methylphenol
Concen: 48.960 ng
RT: 8.378 min Scan# 900
Delta R.T. 0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

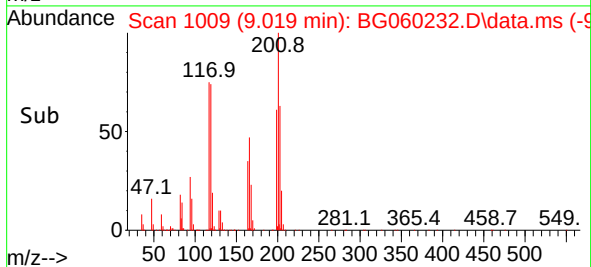
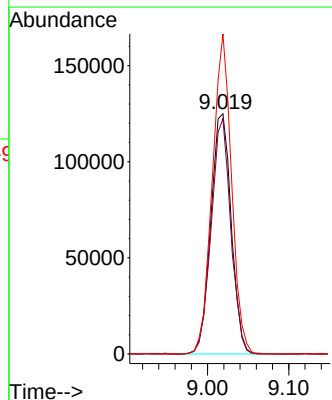
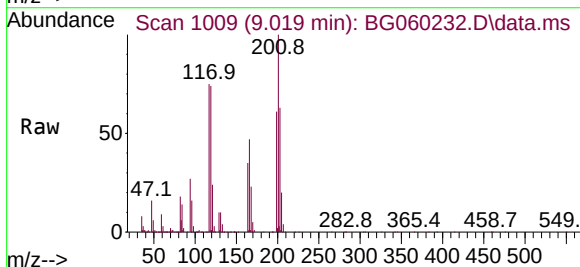
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

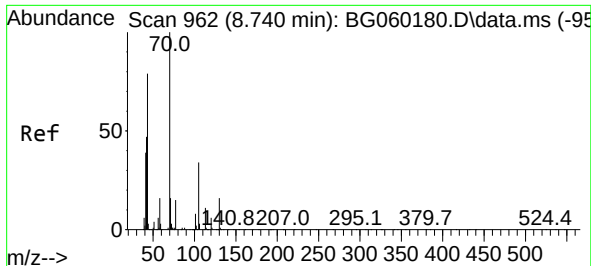
Tgt Ion:	107	Resp:	556874
Ion	Ratio	Lower	Upper
107	100		
108	113.2	88.7	133.1
77	44.6	36.4	54.6
79	39.2	34.2	51.4



#18
Hexachloroethane
Concen: 47.509 ng
RT: 9.019 min Scan# 1009
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:	117	Resp:	217720
Ion	Ratio	Lower	Upper
117	100		
119	98.8	76.0	114.0
201	133.2	107.5	161.3

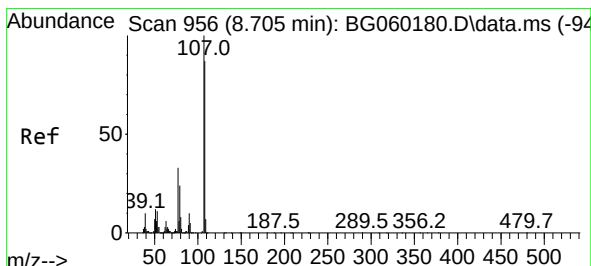
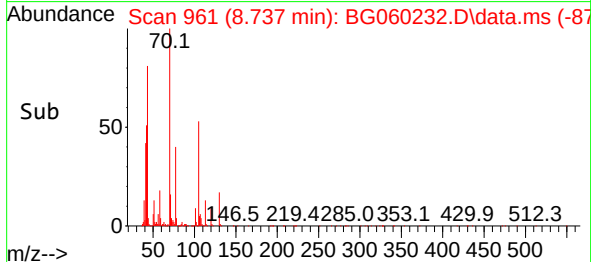
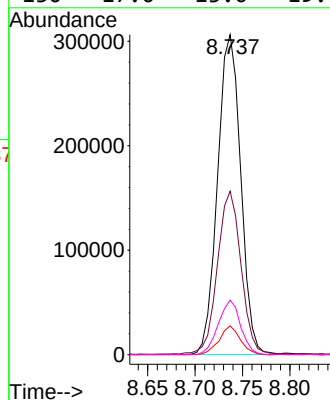
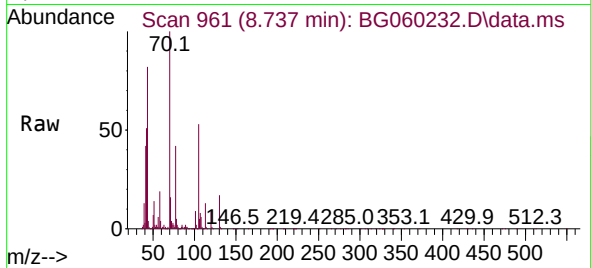




#19
n-Nitroso-di-n-propylamine
Concen: 42.272 ng
RT: 8.737 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

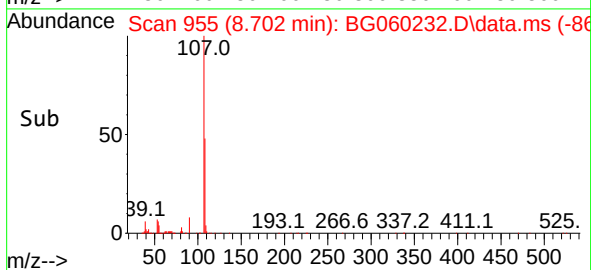
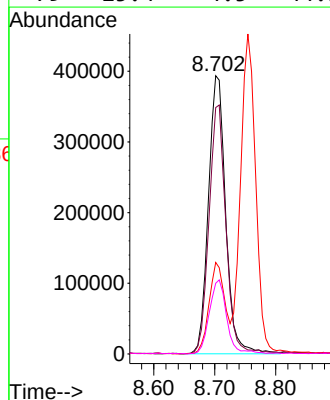
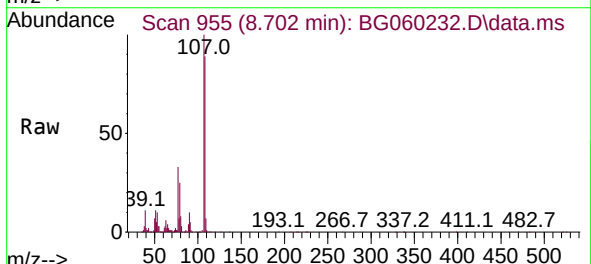
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

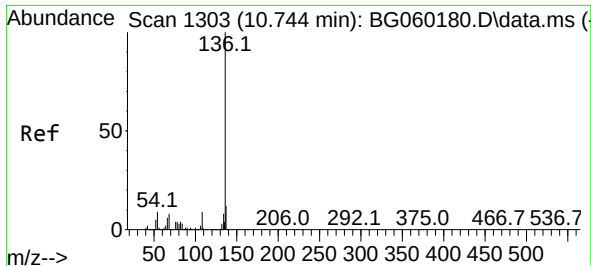
Tgt Ion: 70 Resp: 520178
Ion Ratio Lower Upper
70 100
42 51.1 37.9 56.9
101 9.0 6.2 9.2
130 17.0 13.0 19.4



#20
3+4-Methylphenols
Concen: 48.062 ng
RT: 8.702 min Scan# 955
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion: 107 Resp: 774772
Ion Ratio Lower Upper
107 100
108 88.5 67.4 107.4
77 32.9 12.8 52.8
79 25.4 4.5 44.5

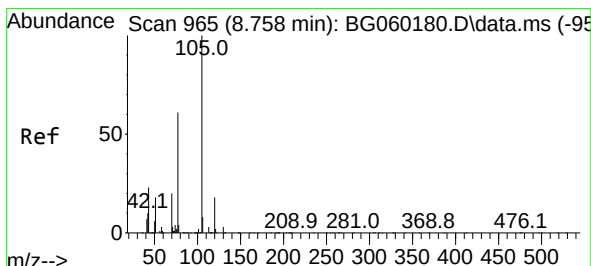
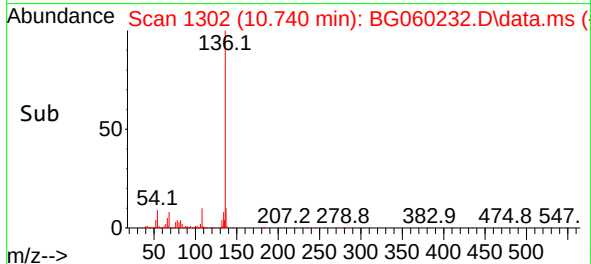
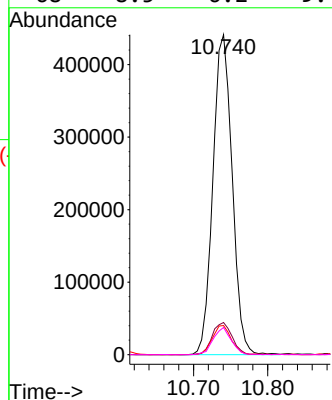
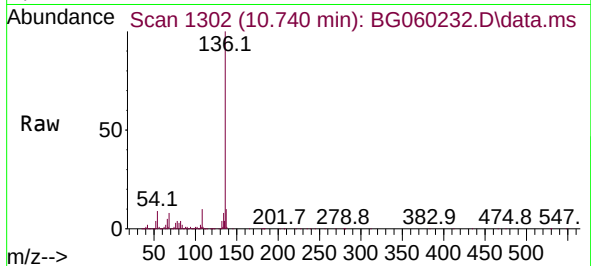




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

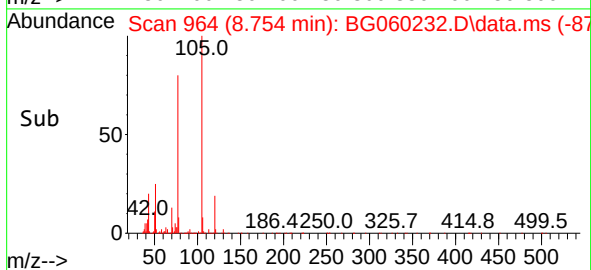
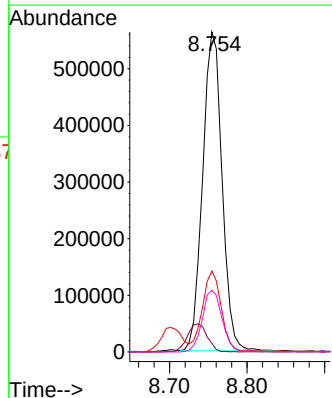
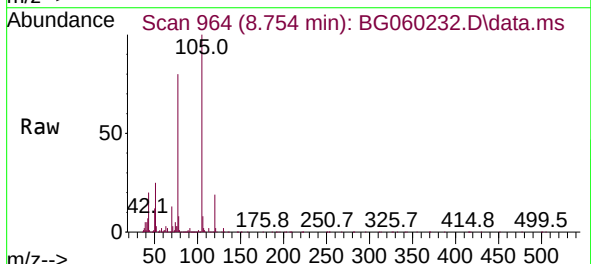
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

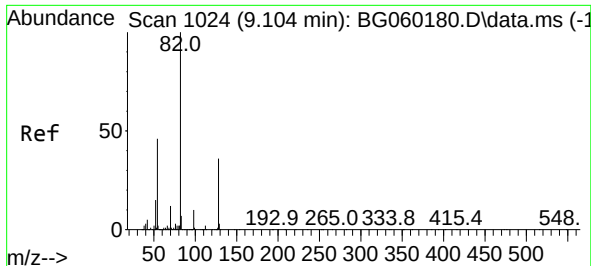
Tgt Ion:	136	Resp:	795388
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.4	14.0
54	9.1	7.4	11.2
68	8.5	6.2	9.4



#22
Acetophenone
Concen: 41.574 ng
RT: 8.754 min Scan# 964
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:	105	Resp:	979723
Ion	Ratio	Lower	Upper
105	100		
71	2.7	2.6	3.8
51	25.3	20.0	30.0
120	19.3	14.6	22.0





#23

Nitrobenzene-d5

Concen: 59.302 ng

RT: 9.095 min Scan# 1022

Delta R.T. -0.009 min

Lab File: BG060232.D

Acq: 3 Jan 2024 18:19

Instrument :

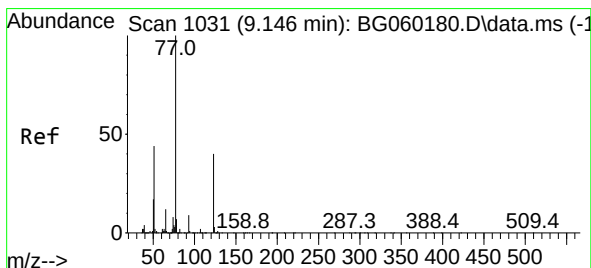
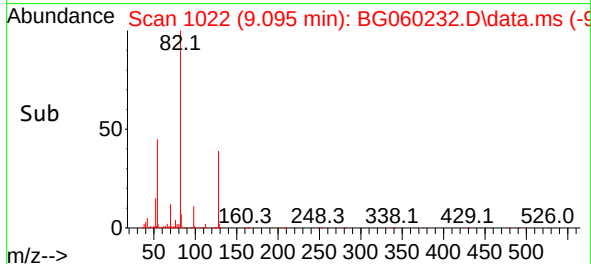
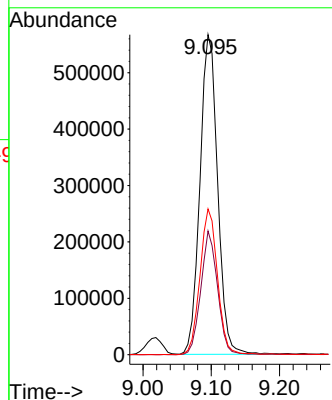
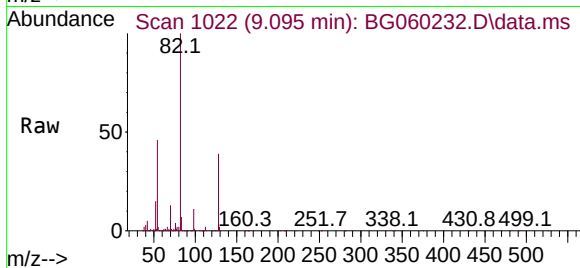
BNA_G

ClientSampleId :

GHL-SS-15-0-2MSD

Tgt Ion: 82 Resp: 1021179

Ion	Ratio	Lower	Upper
82	100		
128	38.7	28.7	43.1
54	45.5	36.9	55.3



#24

Nitrobenzene

Concen: 41.938 ng

RT: 9.136 min Scan# 1029

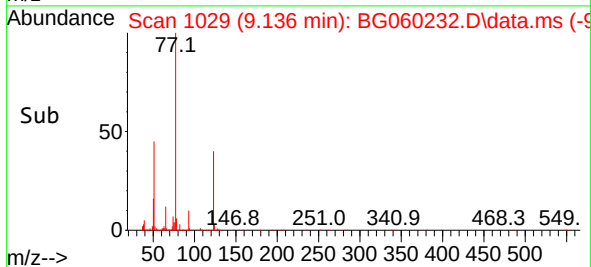
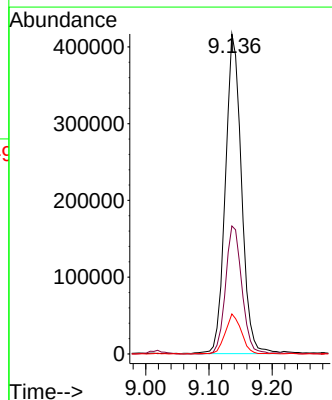
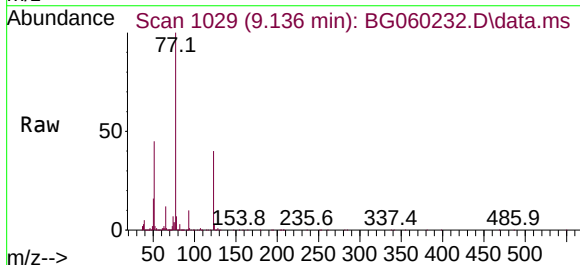
Delta R.T. -0.009 min

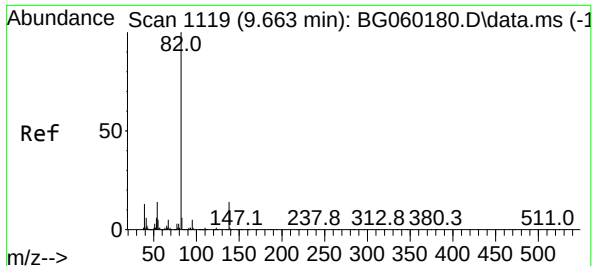
Lab File: BG060232.D

Acq: 3 Jan 2024 18:19

Tgt Ion: 77 Resp: 738887

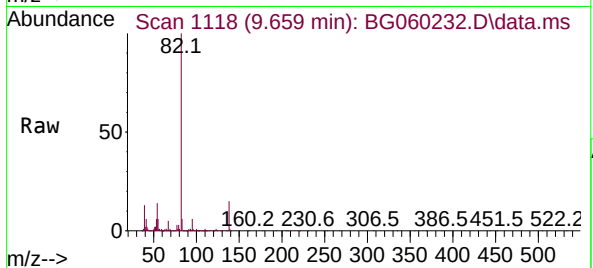
Ion	Ratio	Lower	Upper
77	100		
123	40.0	31.9	47.9
65	12.5	9.9	14.9



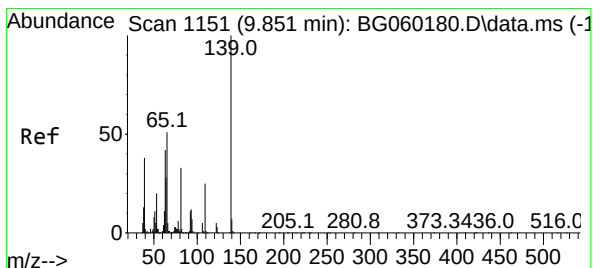
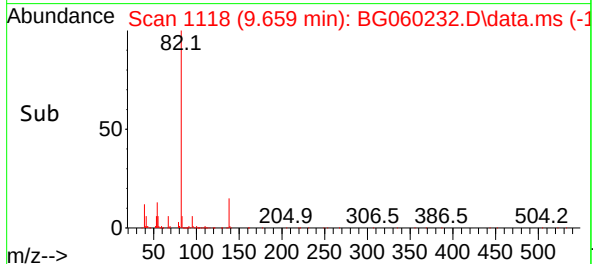
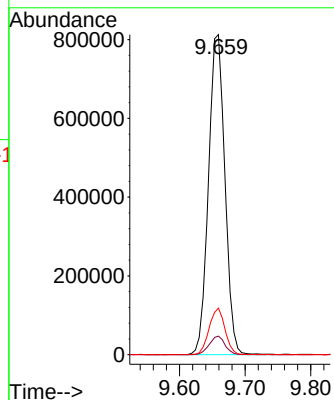


#25
Isophorone
Concen: 39.292 ng
RT: 9.659 min Scan# 1118
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

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

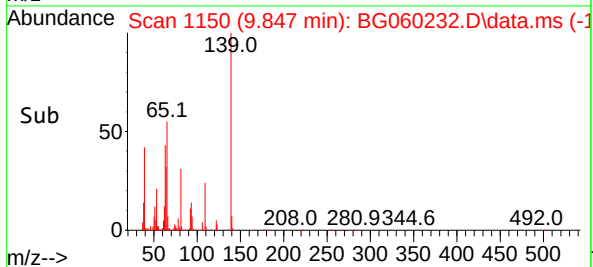
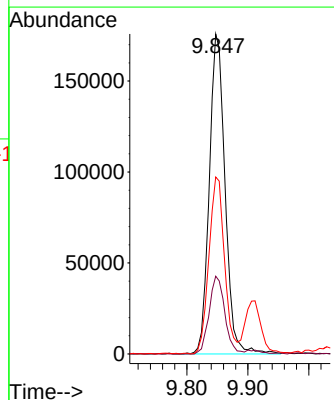
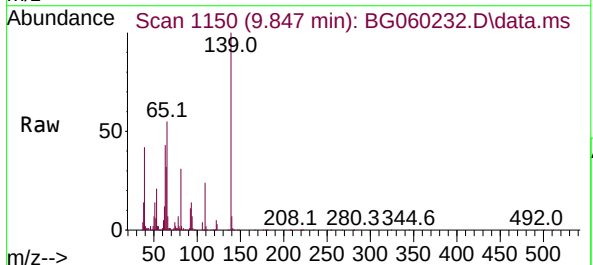


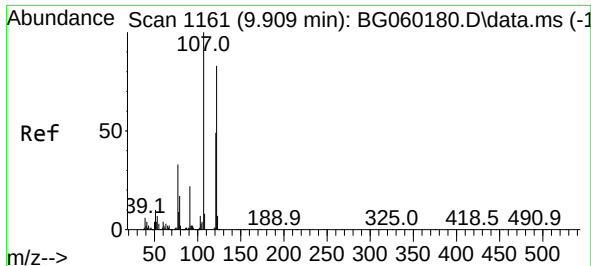
Tgt Ion: 82 Resp: 1415599
Ion Ratio Lower Upper
82 100
95 5.8 4.4 6.6
138 14.5 11.5 17.3



#26
2-Nitrophenol
Concen: 51.564 ng
RT: 9.847 min Scan# 1150
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:139 Resp: 317018
Ion Ratio Lower Upper
139 100
109 24.3 19.8 29.8
65 55.3 40.8 61.2





#27

2,4-Dimethylphenol

Concen: 56.002 ng

RT: 9.906 min Scan# 1161

Delta R.T. -0.003 min

Lab File: BG060232.D

Acq: 3 Jan 2024 18:19

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2MSD

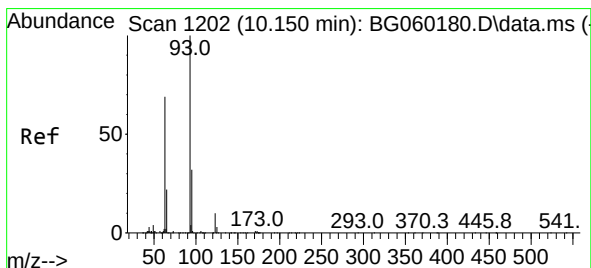
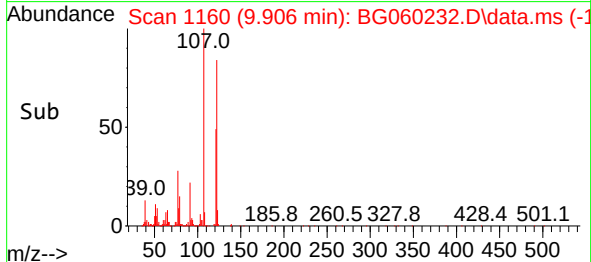
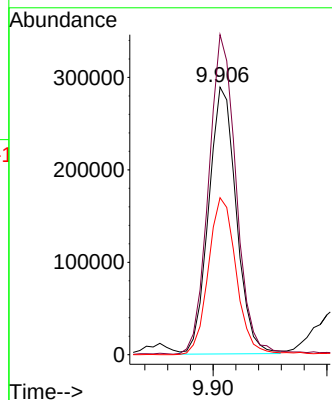
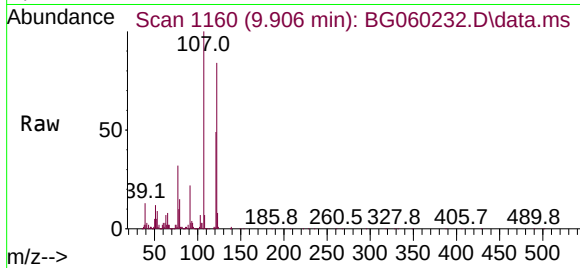
Tgt Ion:122 Resp: 487703

Ion Ratio Lower Upper

122 100

107 119.6 95.8 143.6

121 58.7 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.714 ng

RT: 10.147 min Scan# 1201

Delta R.T. -0.003 min

Lab File: BG060232.D

Acq: 3 Jan 2024 18:19

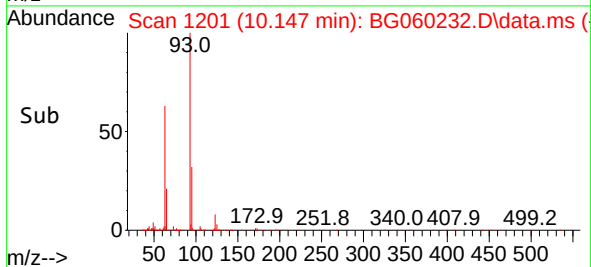
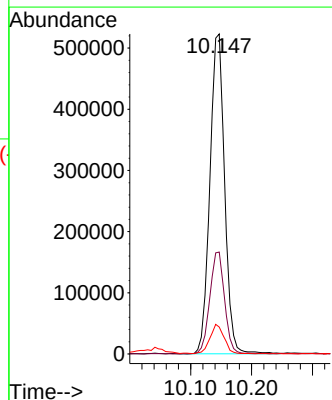
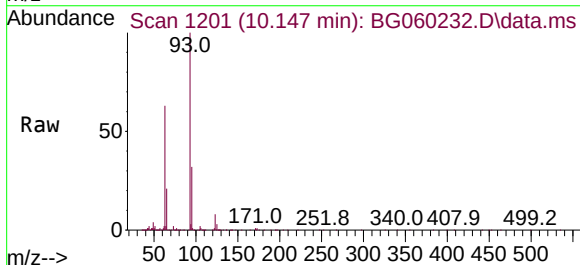
Tgt Ion: 93 Resp: 880219

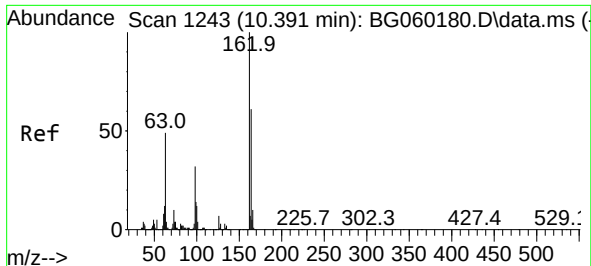
Ion Ratio Lower Upper

93 100

95 31.9 25.8 38.6

123 8.4 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 48.179 ng

RT: 10.382 min Scan# 11

Delta R.T. -0.009 min

Lab File: BG060232.D

Acq: 3 Jan 2024 18:19

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2MSD

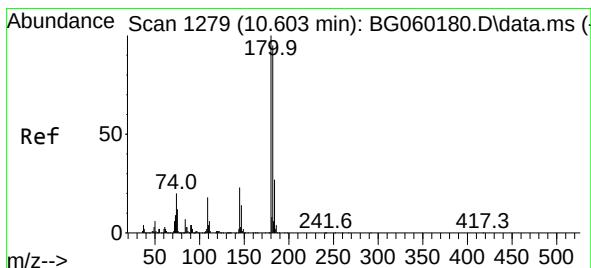
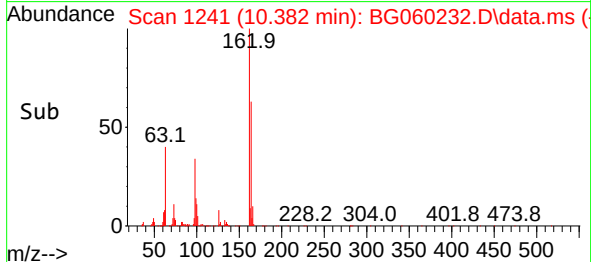
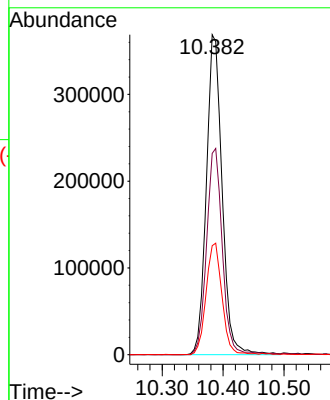
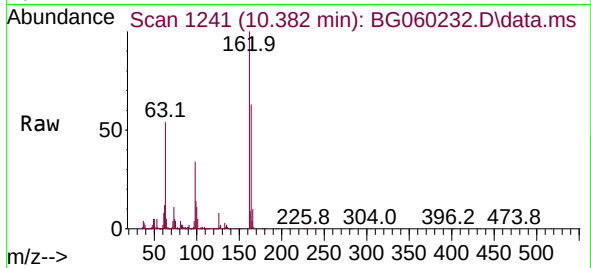
Tgt Ion:162 Resp: 663100

Ion Ratio Lower Upper

162 100

164 62.9 40.7 80.7

98 34.1 11.7 51.7



#30

1,2,4-Trichlorobenzene

Concen: 41.555 ng

RT: 10.599 min Scan# 1278

Delta R.T. -0.003 min

Lab File: BG060232.D

Acq: 3 Jan 2024 18:19

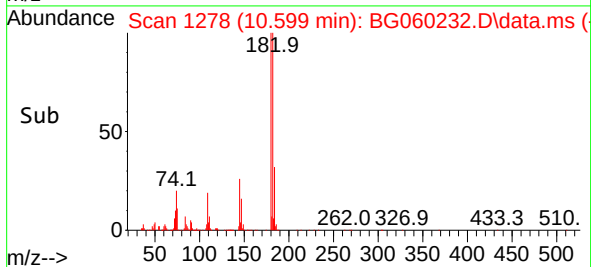
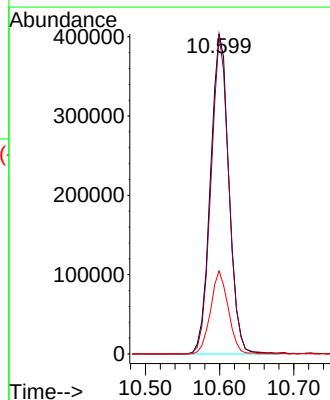
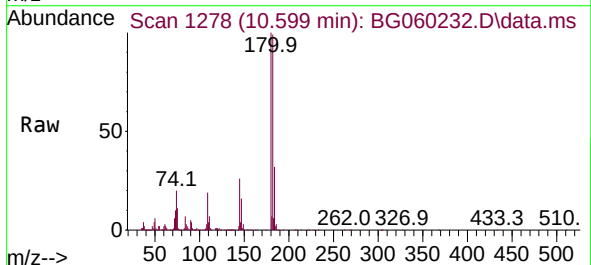
Tgt Ion:180 Resp: 696114

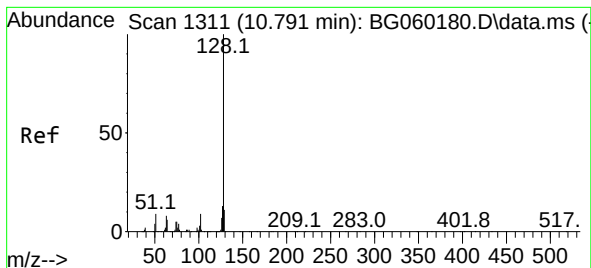
Ion Ratio Lower Upper

180 100

182 99.5 75.7 113.5

145 26.0 18.4 27.6

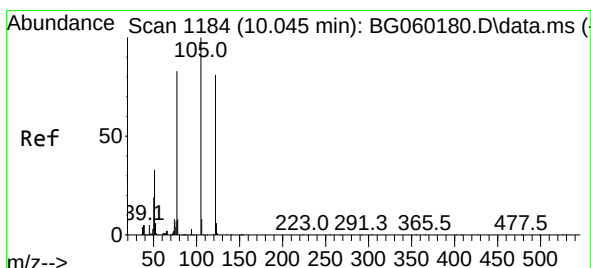
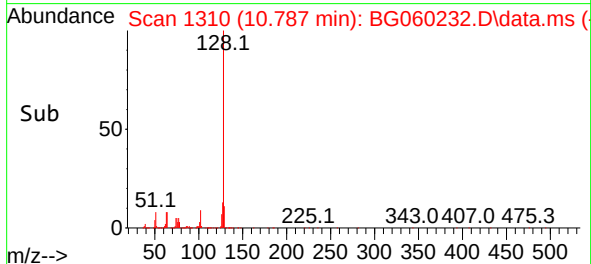
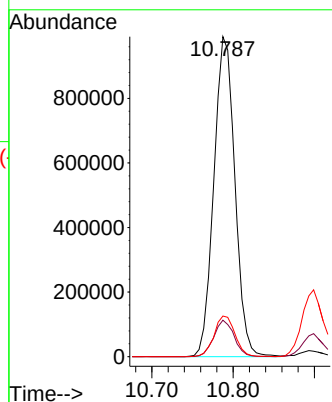
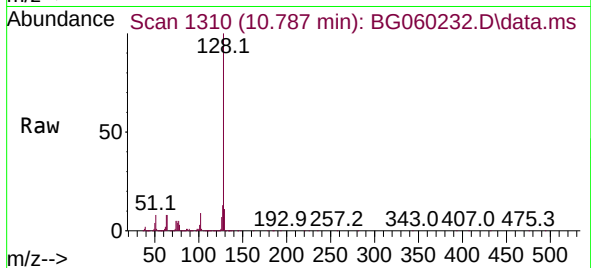




#31
Naphthalene
Concen: 42.518 ng
RT: 10.787 min Scan# 111
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

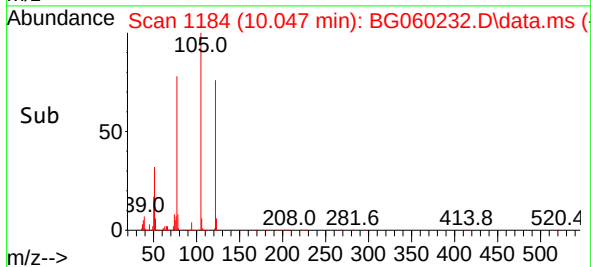
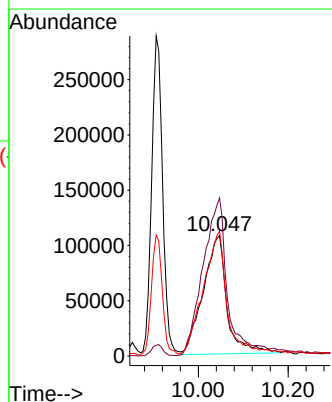
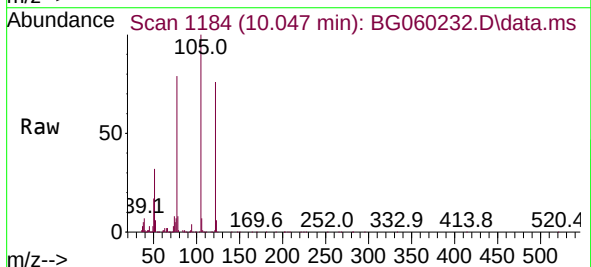
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

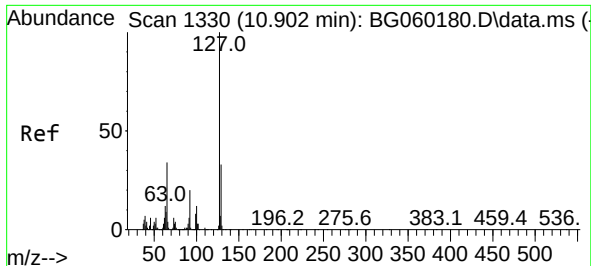
Tgt Ion:128 Resp: 1785382
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 12.7 10.6 16.0



#32
Benzoic acid
Concen: 49.977 ng
RT: 10.047 min Scan# 1184
Delta R.T. 0.002 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:122 Resp: 393136
Ion Ratio Lower Upper
122 100
105 131.3 99.2 139.2
77 103.7 81.0 121.0

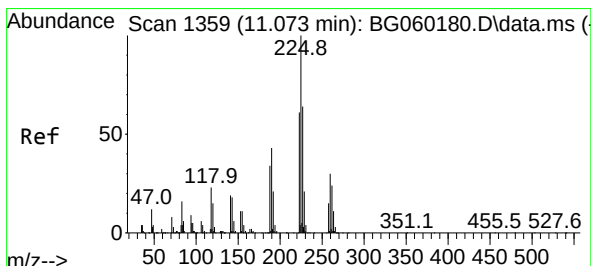
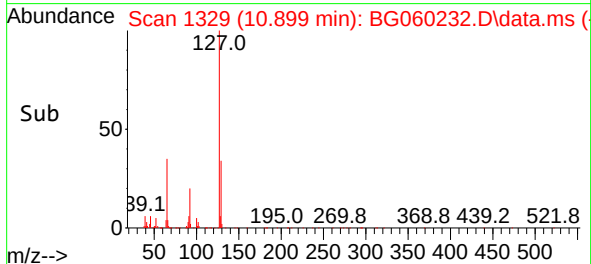
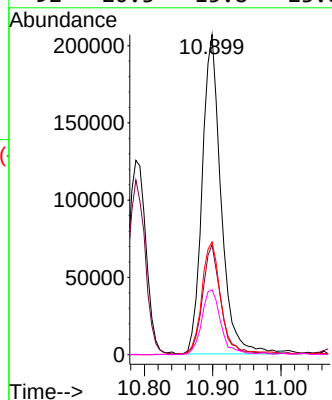
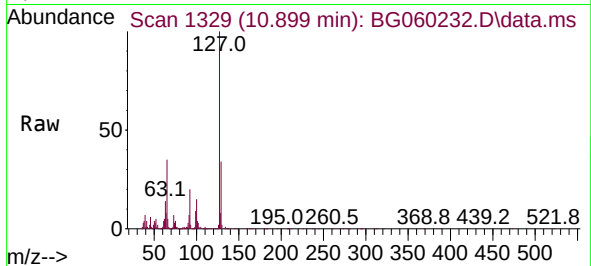




#33
4-Chloroaniline
Concen: 24.203 ng
RT: 10.899 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

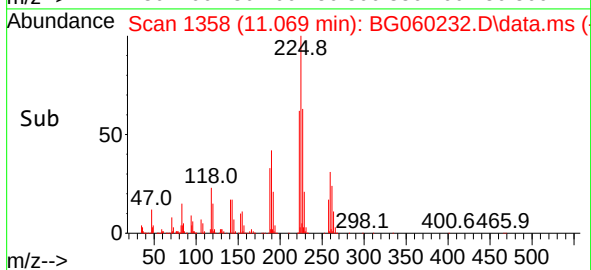
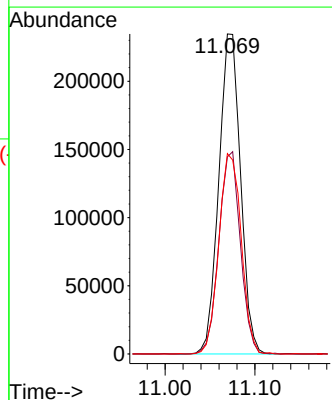
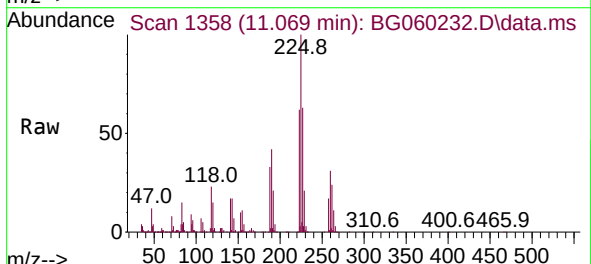
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

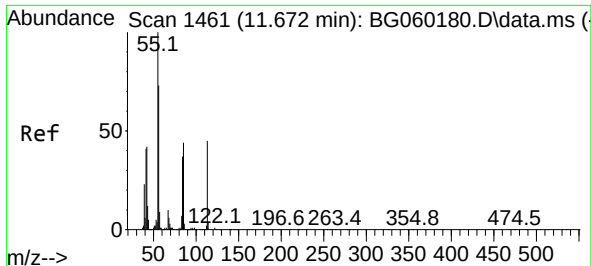
Tgt Ion:127 Resp: 396911
Ion Ratio Lower Upper
127 100
129 34.4 26.0 39.0
65 35.3 27.4 41.0
92 20.3 15.8 23.8



#34
Hexachlorobutadiene
Concen: 39.575 ng
RT: 11.069 min Scan# 1358
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:225 Resp: 394295
Ion Ratio Lower Upper
225 100
223 61.6 49.0 73.6
227 62.6 51.0 76.4

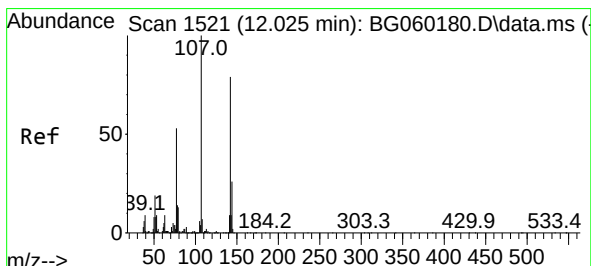
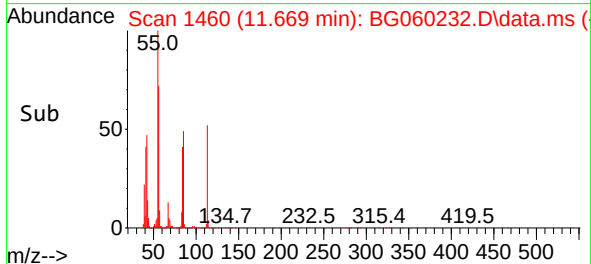
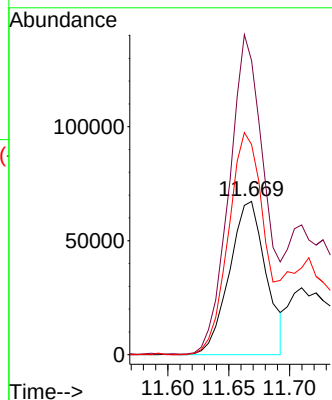
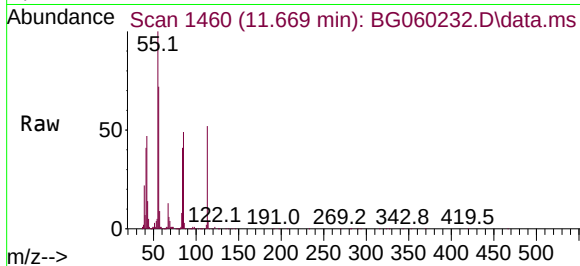




#35
Caprolactam
Concen: 30.636 ng
RT: 11.669 min Scan# 1460
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

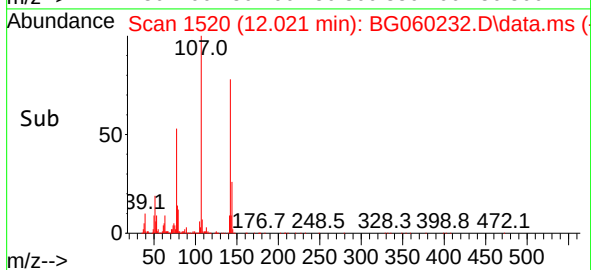
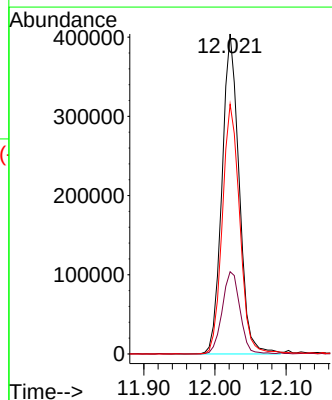
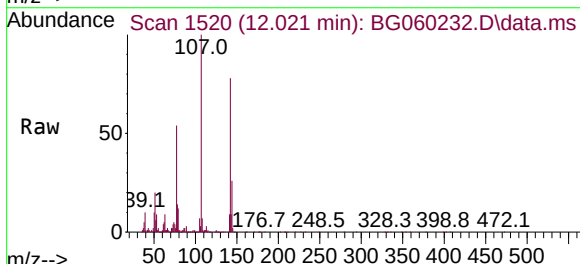
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

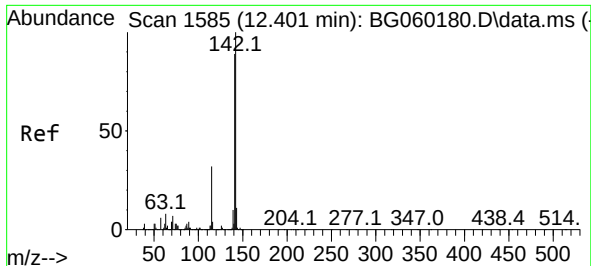
Tgt Ion:113 Resp: 140261
Ion Ratio Lower Upper
113 100
55 191.9 202.1 242.1#
56 137.2 142.4 182.4#



#36
4-Chloro-3-methylphenol
Concen: 47.756 ng
RT: 12.021 min Scan# 1520
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:107 Resp: 676445
Ion Ratio Lower Upper
107 100
144 25.7 20.8 31.2
142 78.0 63.4 95.2

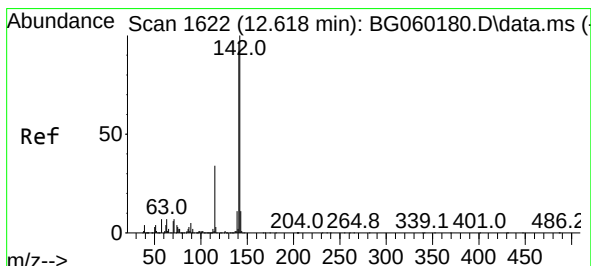
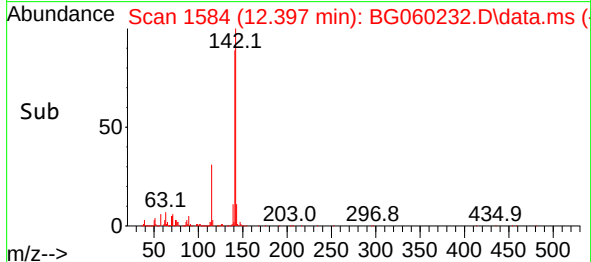
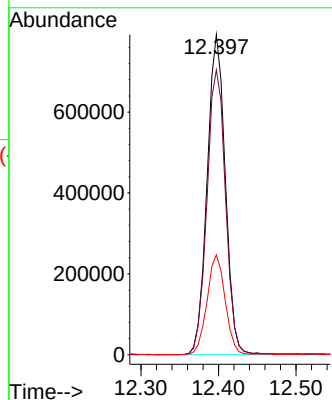
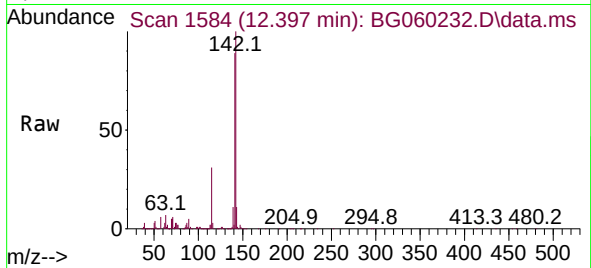




#37
2-Methylnaphthalene
Concen: 42.498 ng
RT: 12.397 min Scan# 1584
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

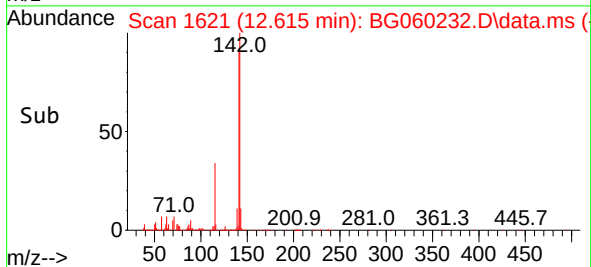
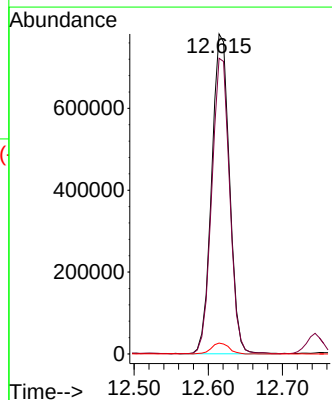
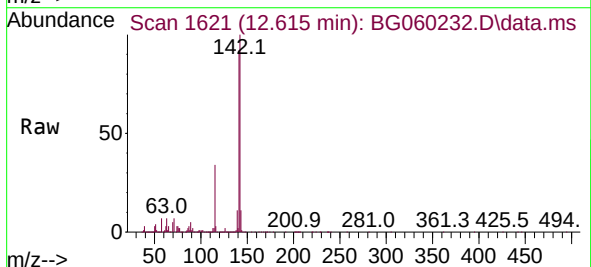
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

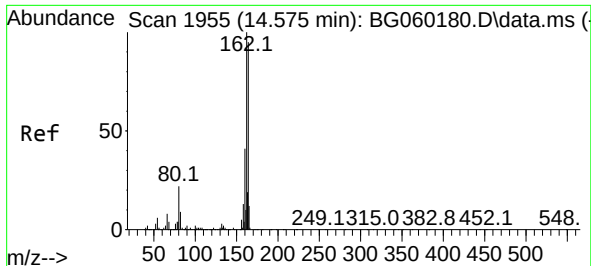
Tgt Ion:142 Resp: 1288996
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7
115 31.2 25.5 38.3



#38
1-Methylnaphthalene
Concen: 42.458 ng
RT: 12.615 min Scan# 1621
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:142 Resp: 1301996
Ion Ratio Lower Upper
142 100
141 92.4 76.6 114.8
116 3.4 2.6 3.8

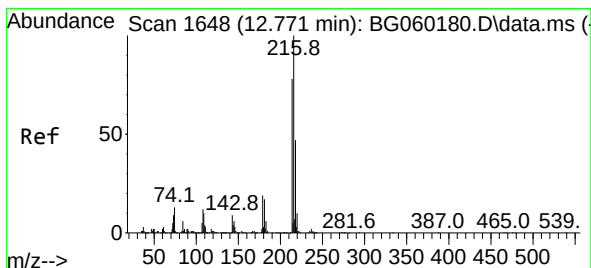
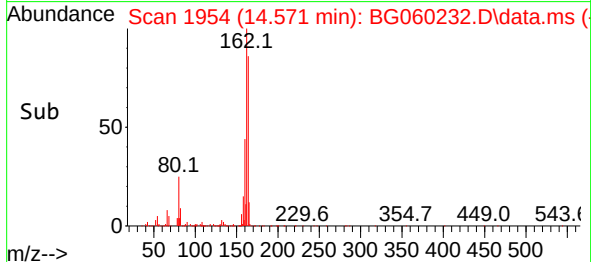
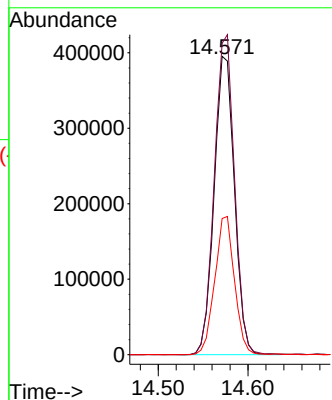
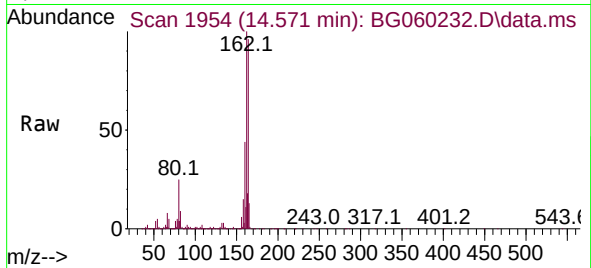




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.571 min Scan# 1955
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

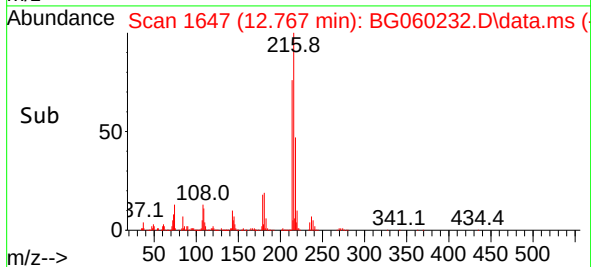
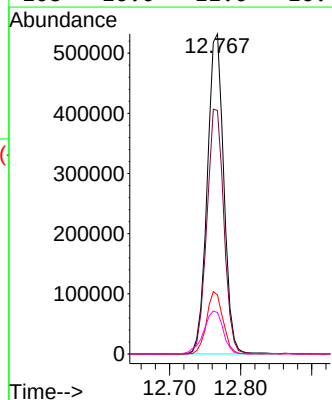
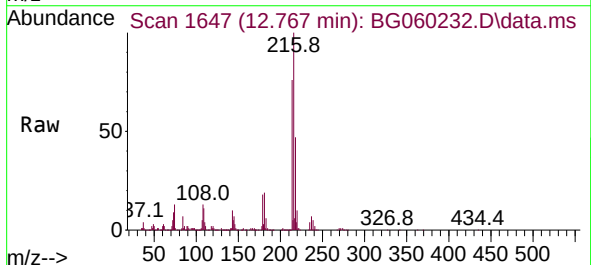
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

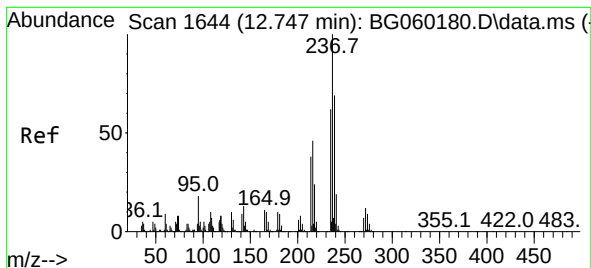
Tgt Ion:164 Resp: 620980
Ion Ratio Lower Upper
164 100
162 104.3 83.9 125.9
160 45.6 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.202 ng
RT: 12.767 min Scan# 1647
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:216 Resp: 859343
Ion Ratio Lower Upper
216 100
214 78.7 63.4 95.0
179 19.4 15.2 22.8
108 16.0 11.0 16.4





#41

Hexachlorocyclopentadiene

Concen: 130.150 ng

RT: 12.744 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG060232.D

Acq: 3 Jan 2024 18:19

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2MSD

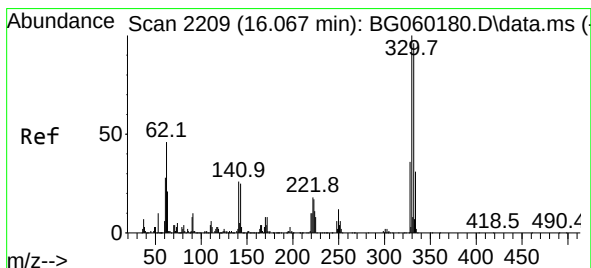
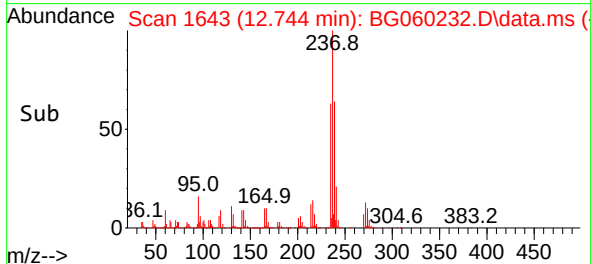
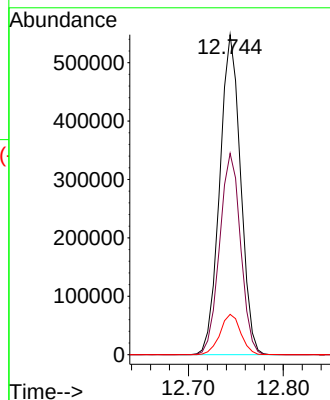
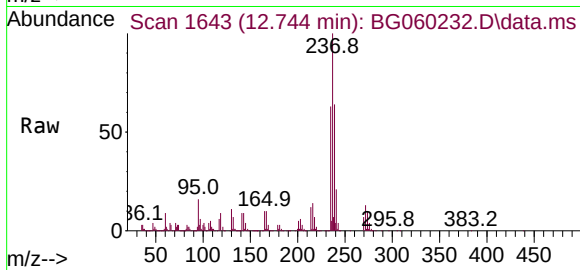
Tgt Ion:237 Resp: 836781

Ion Ratio Lower Upper

237 100

235 62.9 42.2 82.2

272 12.6 0.0 32.0



#42

2,4,6-Tribromophenol

Concen: 96.774 ng

RT: 16.064 min Scan# 2208

Delta R.T. -0.003 min

Lab File: BG060232.D

Acq: 3 Jan 2024 18:19

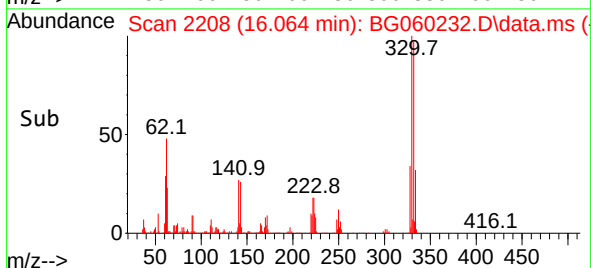
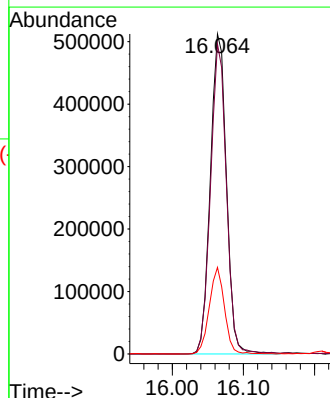
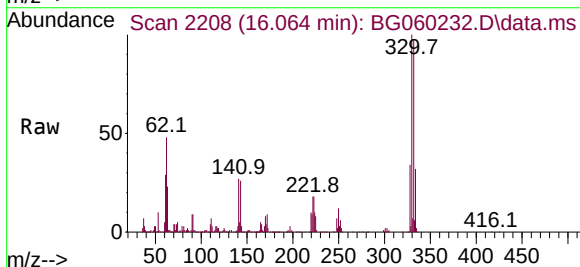
Tgt Ion:330 Resp: 804429

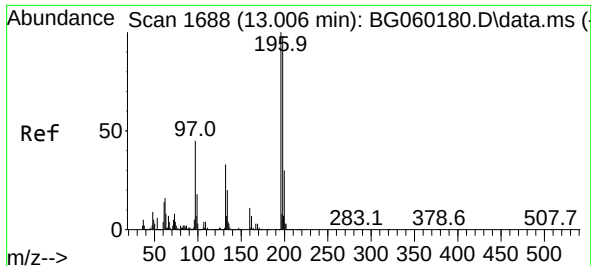
Ion Ratio Lower Upper

330 100

332 95.6 76.7 115.1

141 25.5 21.0 31.4

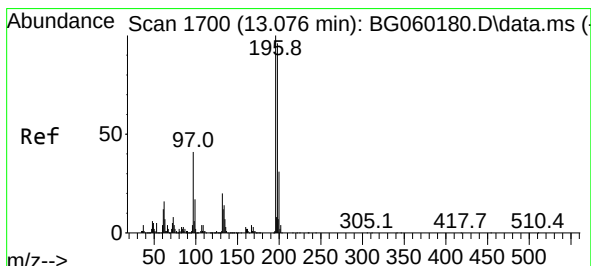
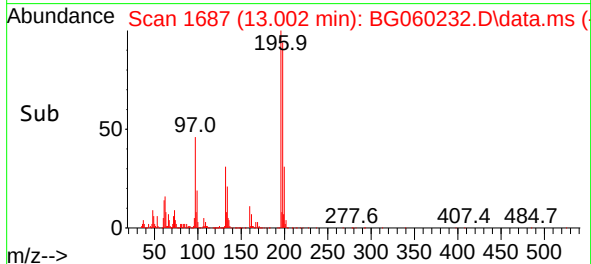
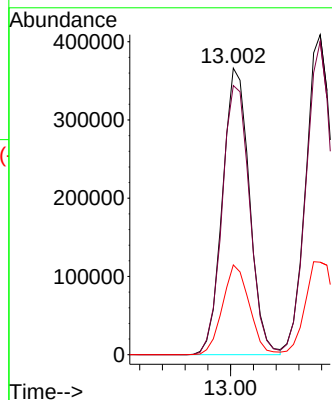
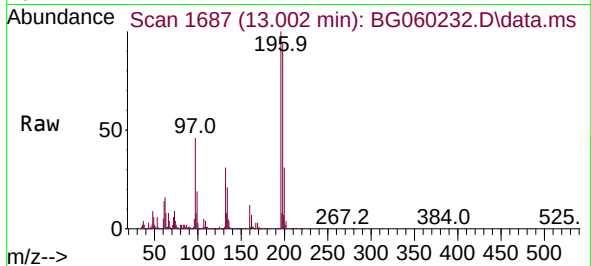




#43
2,4,6-Trichlorophenol
Concen: 46.107 ng
RT: 13.002 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

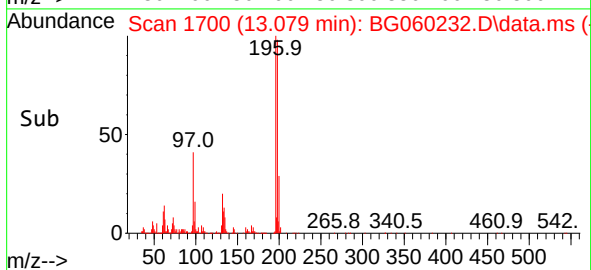
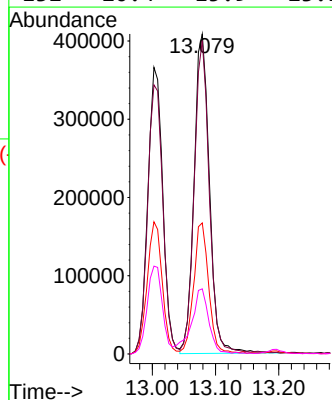
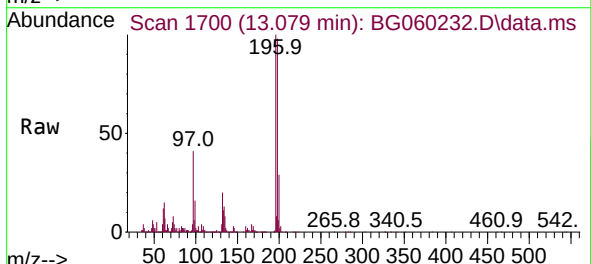
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

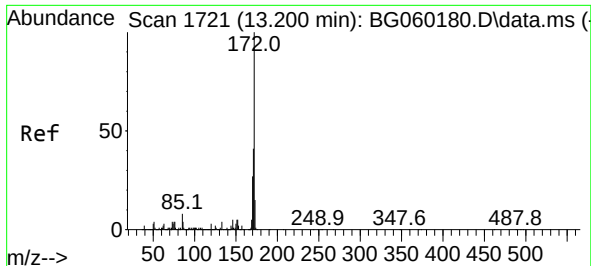
Tgt Ion:196 Resp: 602680
Ion Ratio Lower Upper
196 100
198 93.9 78.3 117.5
200 31.4 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 47.210 ng
RT: 13.079 min Scan# 1700
Delta R.T. 0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:196 Resp: 690328
Ion Ratio Lower Upper
196 100
198 97.9 76.6 115.0
97 40.9 32.9 49.3
132 20.4 15.9 23.9

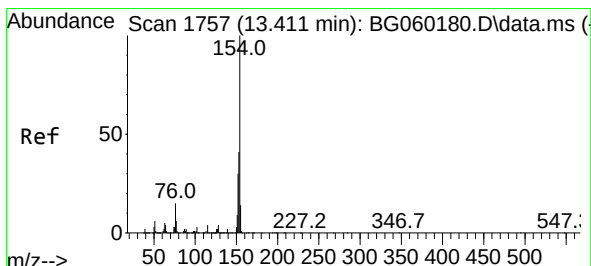
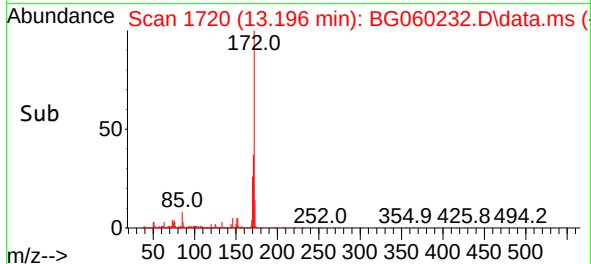
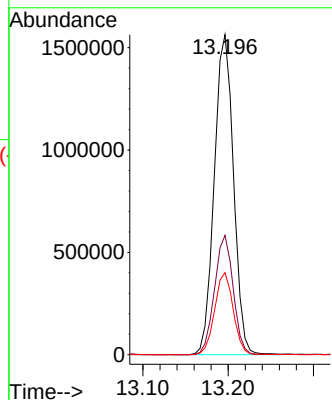
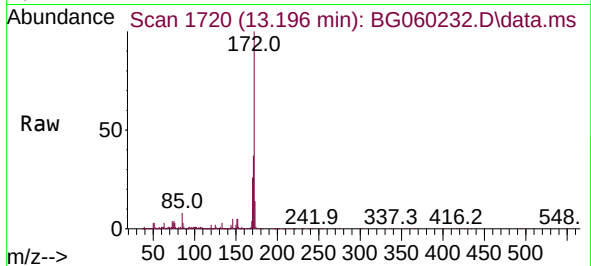




#45
2-Fluorobiphenyl
Concen: 56.696 ng
RT: 13.196 min Scan# 1720
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

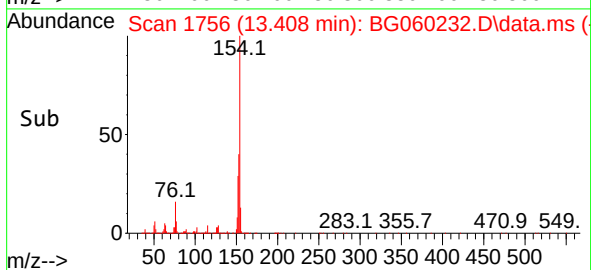
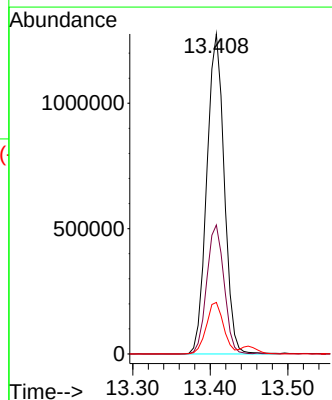
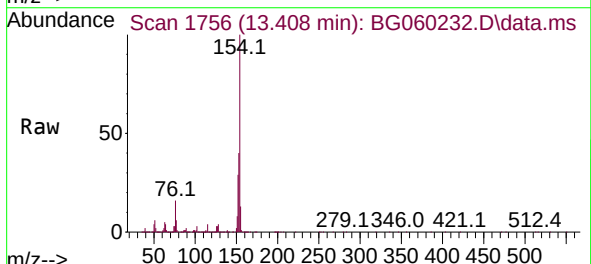
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

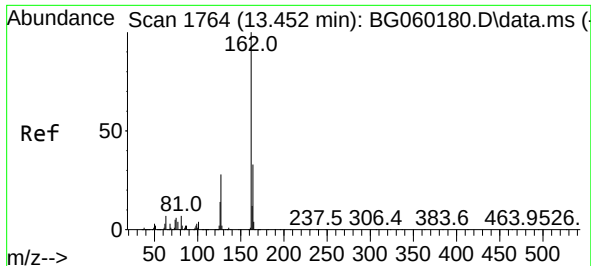
Tgt Ion:172 Resp: 2449656
Ion Ratio Lower Upper
172 100
171 37.3 32.6 48.8
170 25.7 21.8 32.6



#46
1,1'-Biphenyl
Concen: 43.593 ng
RT: 13.408 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:154 Resp: 1991670
Ion Ratio Lower Upper
154 100
153 40.3 20.9 60.9
76 16.1 0.0 35.4

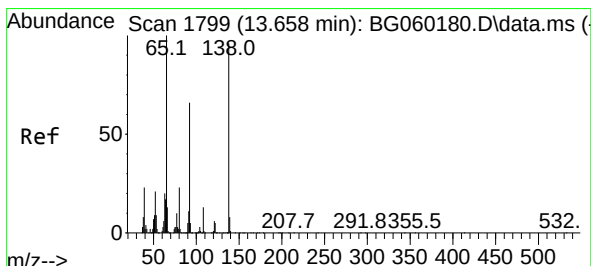
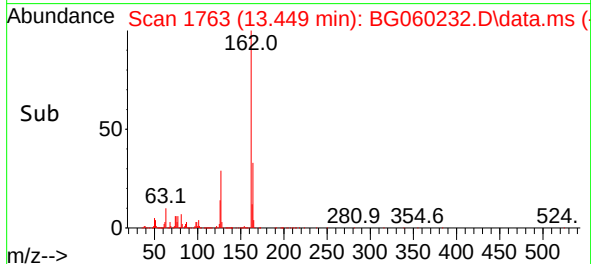
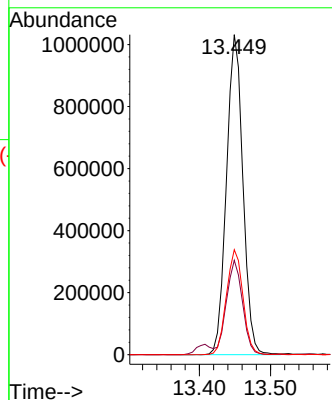
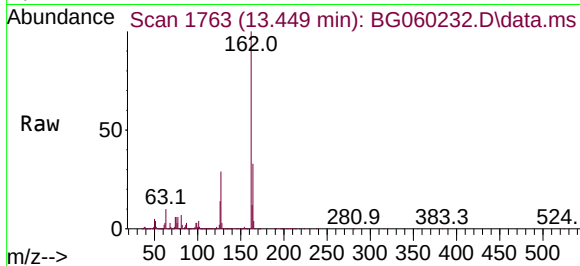




#47
2-Chloronaphthalene
Concen: 42.492 ng
RT: 13.449 min Scan# 1763
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

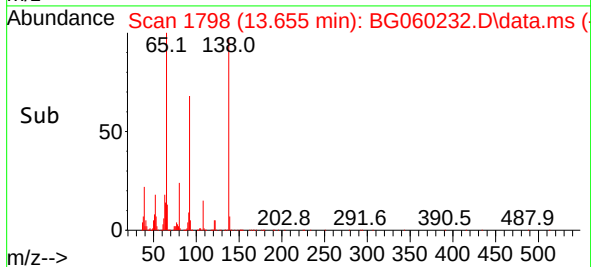
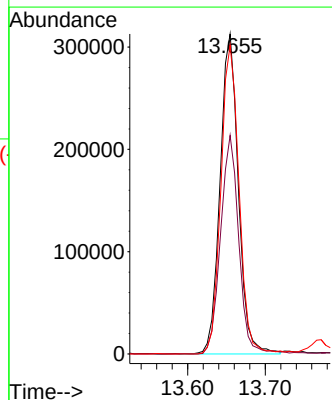
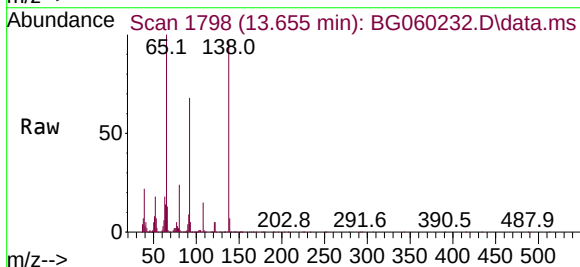
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

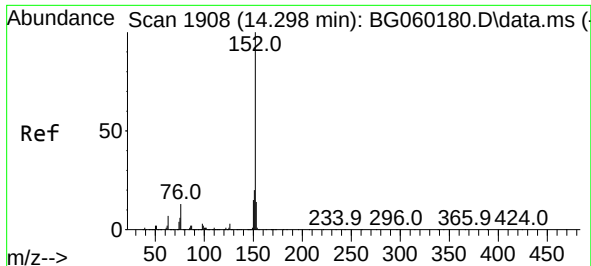
Tgt Ion:162 Resp: 1654007
Ion Ratio Lower Upper
162 100
127 29.5 23.0 34.6
164 32.8 26.7 40.1



#48
2-Nitroaniline
Concen: 50.397 ng
RT: 13.655 min Scan# 1798
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion: 65 Resp: 512661
Ion Ratio Lower Upper
65 100
92 68.3 52.9 79.3
138 96.5 76.4 114.6

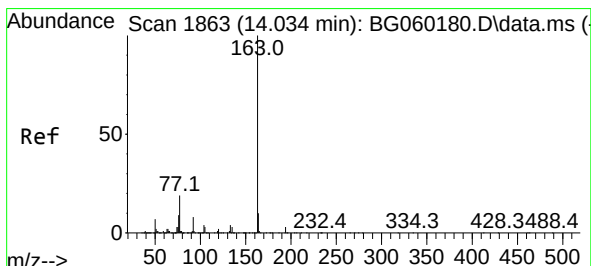
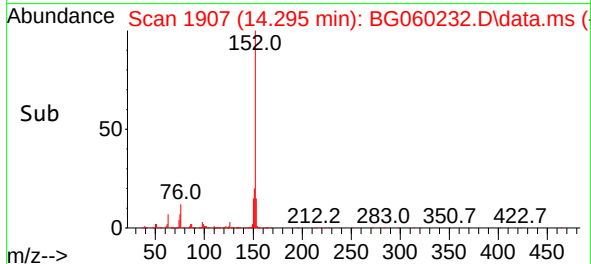
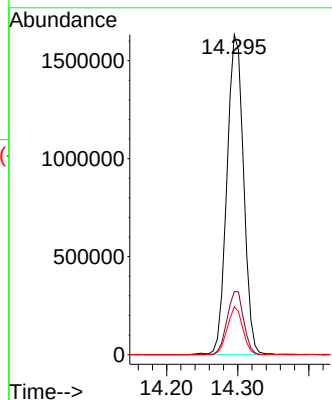
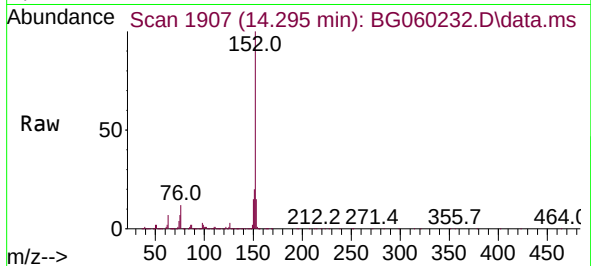




#49
Acenaphthylene
Concen: 47.251 ng
RT: 14.295 min Scan# 1907
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

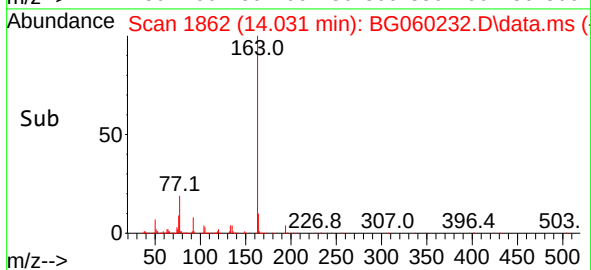
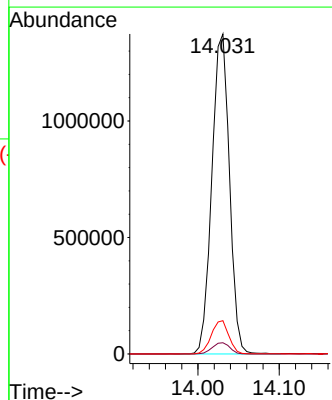
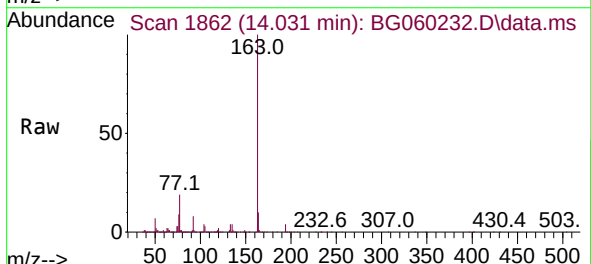
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

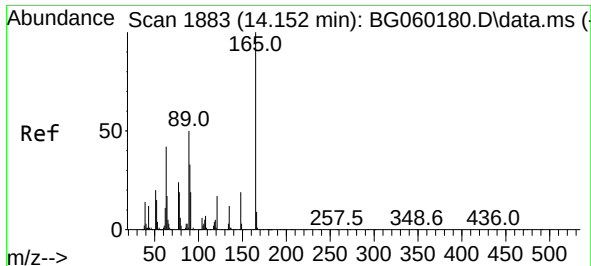
Tgt Ion:152 Resp: 2650023
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 15.0 11.0 16.6



#50
Dimethylphthalate
Concen: 43.065 ng
RT: 14.031 min Scan# 1862
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:163 Resp: 2064712
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.4 8.3 12.5

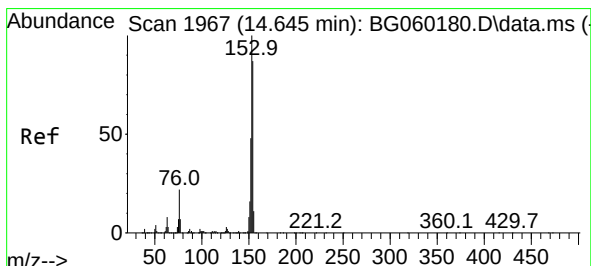
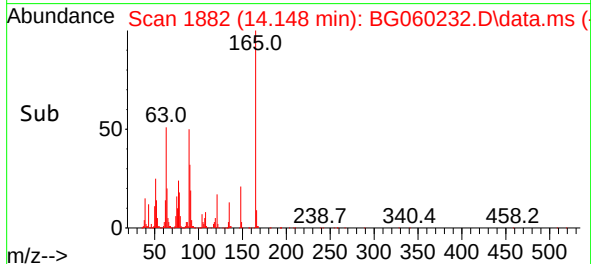
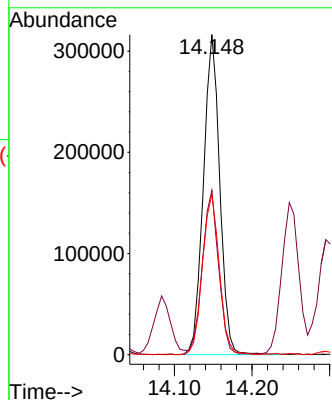
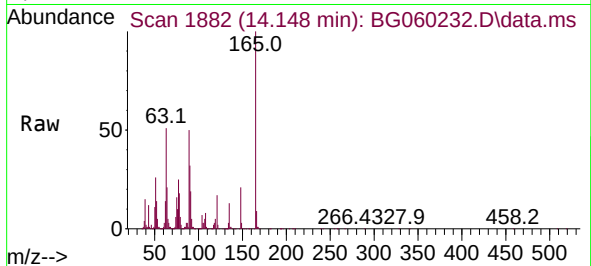




#51
2,6-Dinitrotoluene
Concen: 46.510 ng
RT: 14.148 min Scan# 1882
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

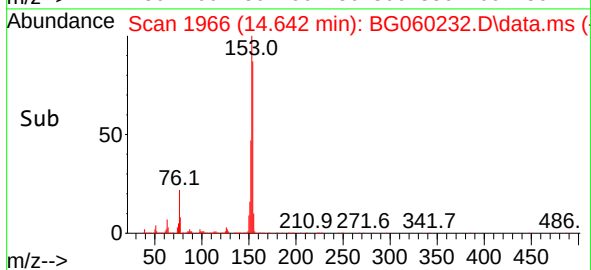
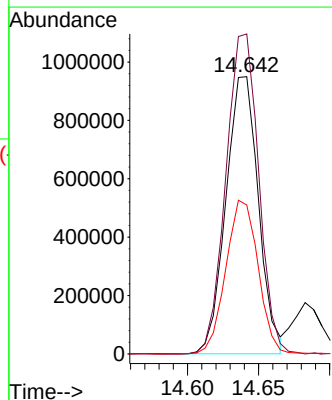
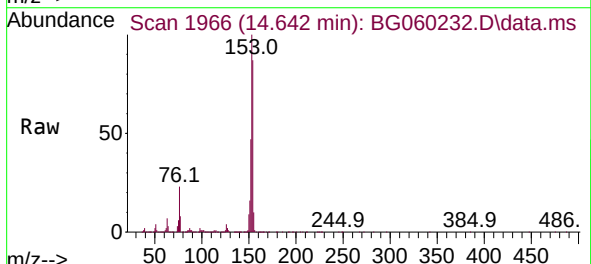
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

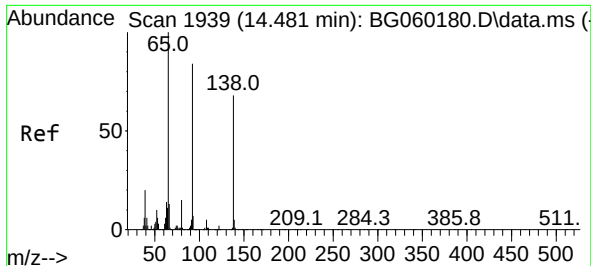
Tgt Ion:165 Resp: 463806
Ion Ratio Lower Upper
165 100
63 51.3 39.3 58.9
89 50.1 39.8 59.8



#52
Acenaphthene
Concen: 43.275 ng
RT: 14.642 min Scan# 1966
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:154 Resp: 1514524
Ion Ratio Lower Upper
154 100
153 115.4 91.5 137.3
152 53.7 43.8 65.8

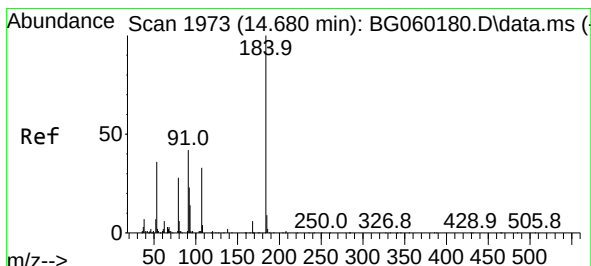
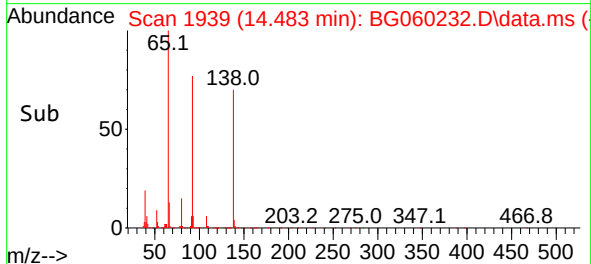
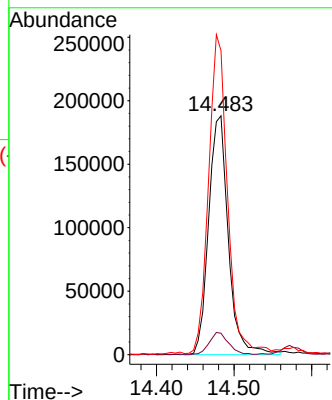
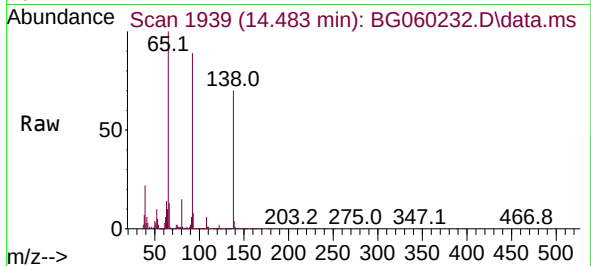




#53
3-Nitroaniline
Concen: 35.348 ng
RT: 14.483 min Scan# 1939
Delta R.T. 0.002 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

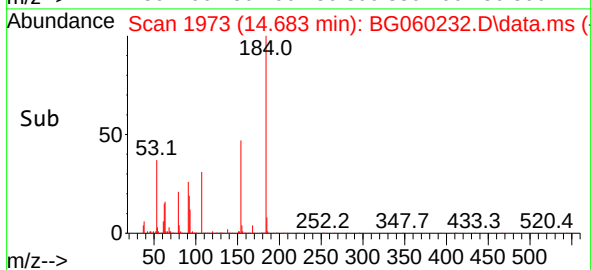
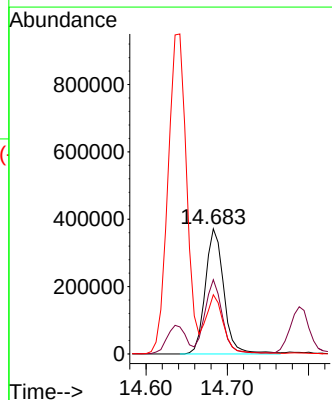
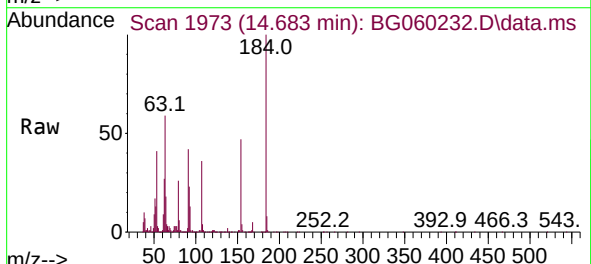
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

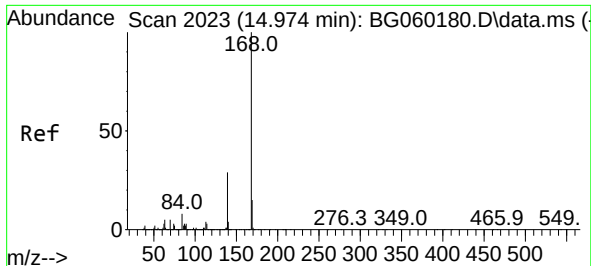
Tgt Ion:138 Resp: 332148
Ion Ratio Lower Upper
138 100
108 9.0 6.2 9.4
92 127.2 98.5 147.7



#54
2,4-Dinitrophenol
Concen: 98.774 ng
RT: 14.683 min Scan# 1973
Delta R.T. 0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:184 Resp: 586117
Ion Ratio Lower Upper
184 100
63 59.4 45.4 68.2
154 47.4 40.0 60.0

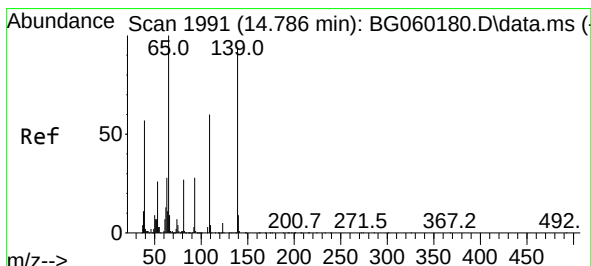
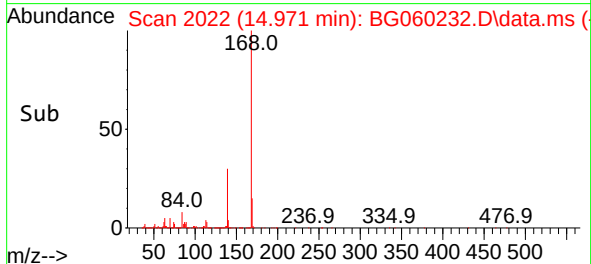
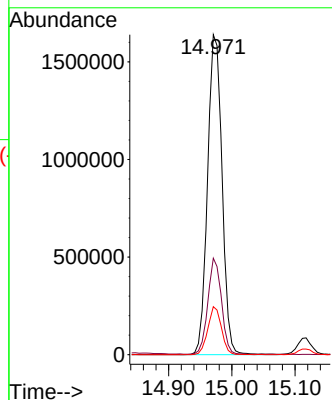
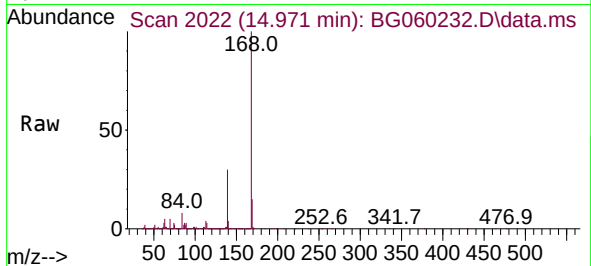




#55
Dibenzofuran
Concen: 44.433 ng
RT: 14.971 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

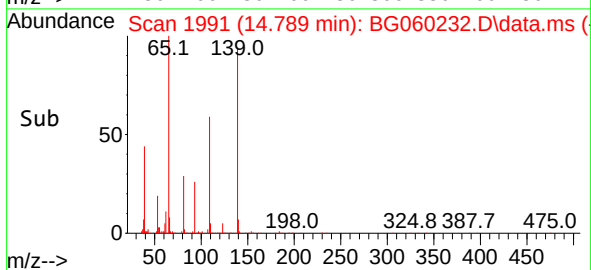
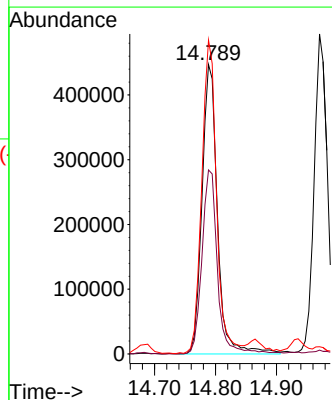
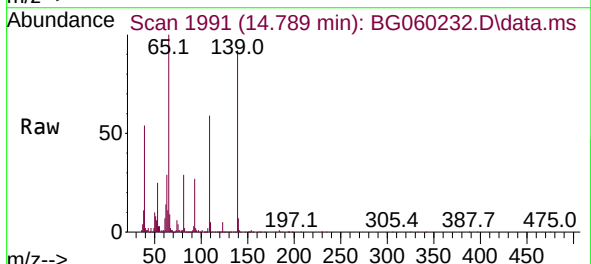
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

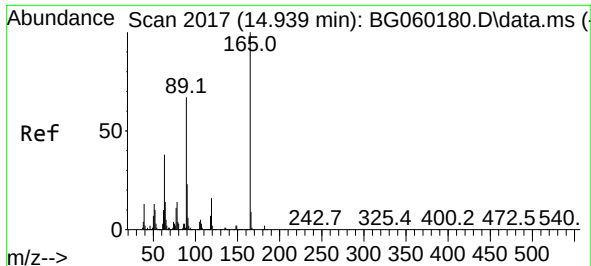
Tgt Ion:168 Resp: 2604849
Ion Ratio Lower Upper
168 100
139 30.2 23.1 34.7
169 15.0 11.9 17.9



#56
4-Nitrophenol
Concen: 110.980 ng
RT: 14.789 min Scan# 1991
Delta R.T. 0.002 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:139 Resp: 788263
Ion Ratio Lower Upper
139 100
109 63.5 44.4 84.4
65 108.4 87.4 127.4

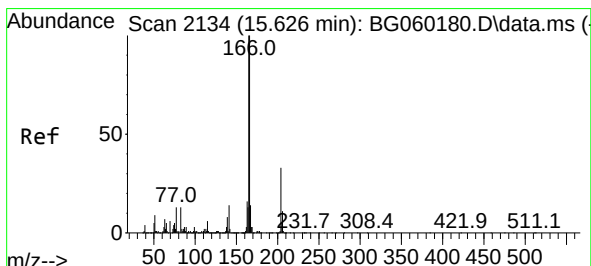
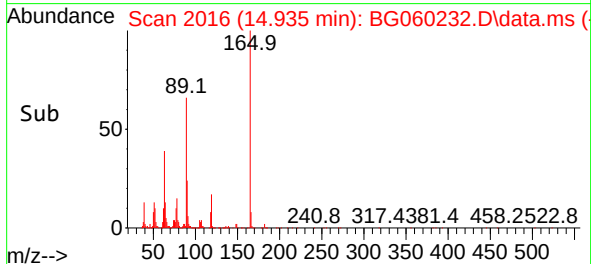
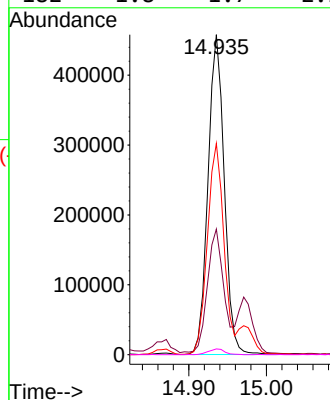
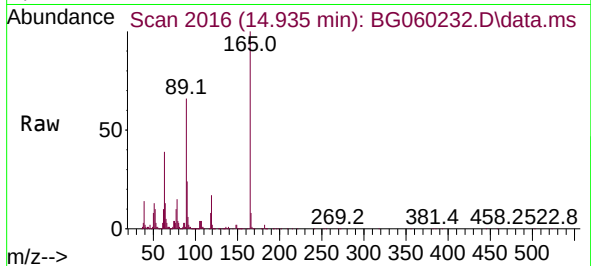




#57
2,4-Dinitrotoluene
Concen: 49.119 ng
RT: 14.935 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

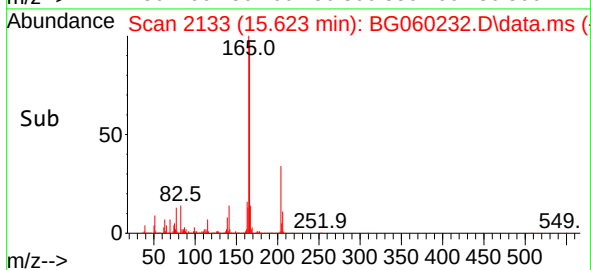
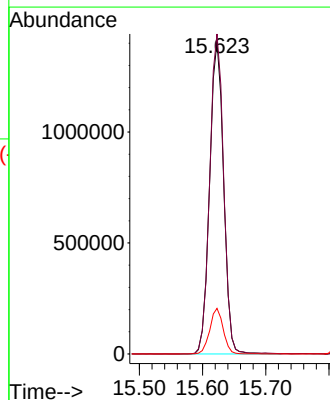
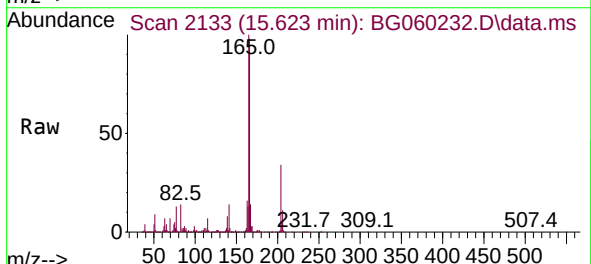
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

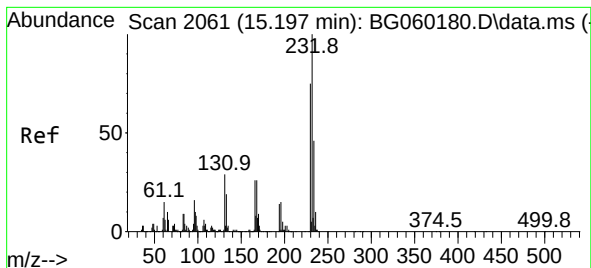
Tgt Ion:165 Resp: 666055
Ion Ratio Lower Upper
165 100
63 39.2 31.0 46.6
89 66.0 53.3 79.9
182 1.8 1.7 2.5



#58
Fluorene
Concen: 44.821 ng
RT: 15.623 min Scan# 2133
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:166 Resp: 2155048
Ion Ratio Lower Upper
166 100
165 102.5 80.4 120.6
167 14.6 11.3 16.9

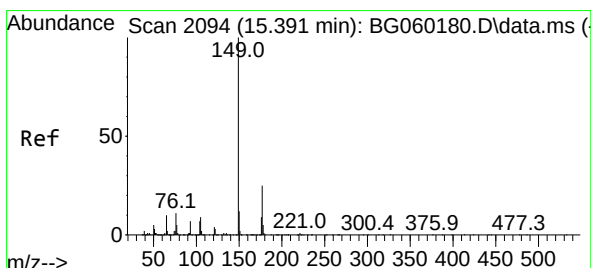
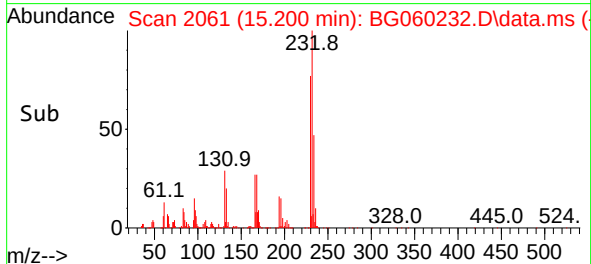
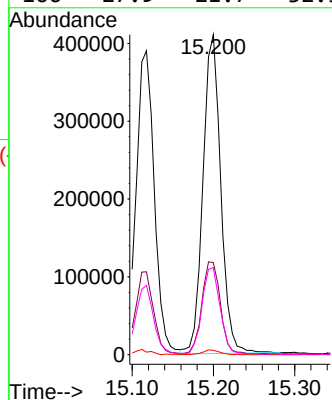
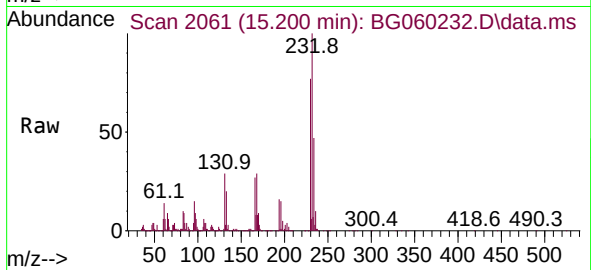




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.880 ng
RT: 15.200 min Scan# 2061
Delta R.T. 0.002 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

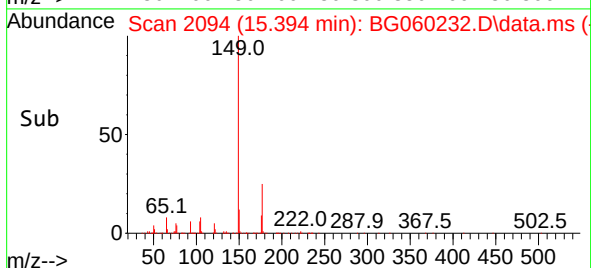
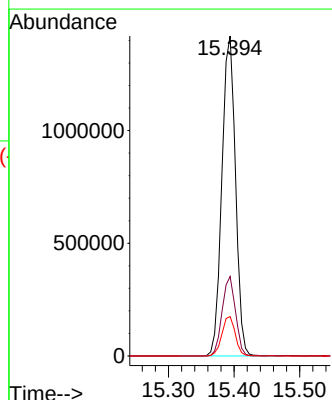
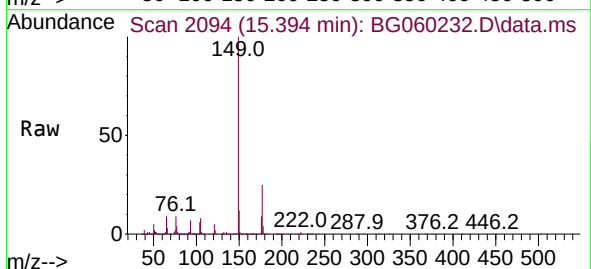
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

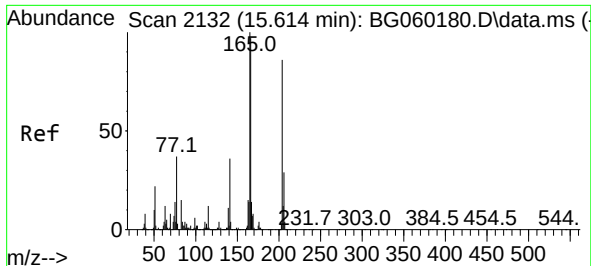
Tgt Ion:232 Resp: 622988
Ion Ratio Lower Upper
232 100
131 29.9 23.8 35.6
130 1.5 1.2 1.8
166 27.9 21.7 32.5



#60
Diethylphthalate
Concen: 44.452 ng
RT: 15.394 min Scan# 2094
Delta R.T. 0.002 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:149 Resp: 2032404
Ion Ratio Lower Upper
149 100
177 24.9 20.2 30.2
150 12.3 9.6 14.4

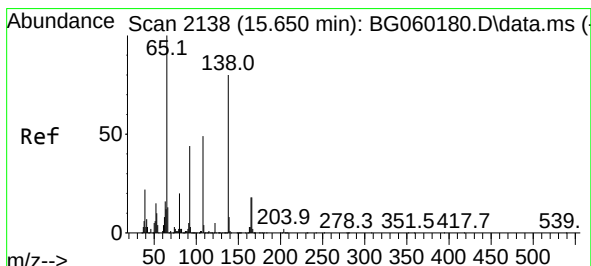
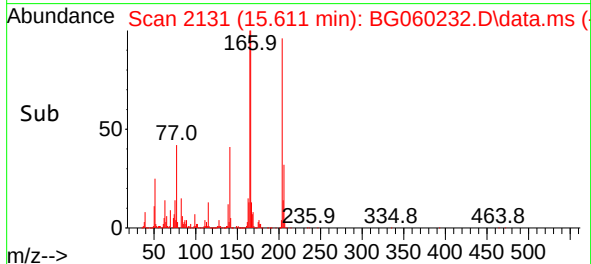
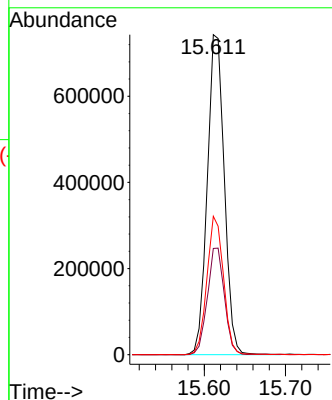
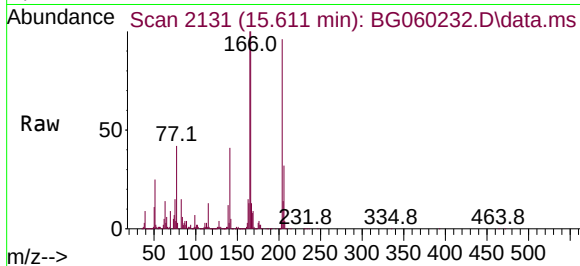




#61
4-Chlorophenyl-phenylether
Concen: 43.028 ng
RT: 15.611 min Scan# 2131
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

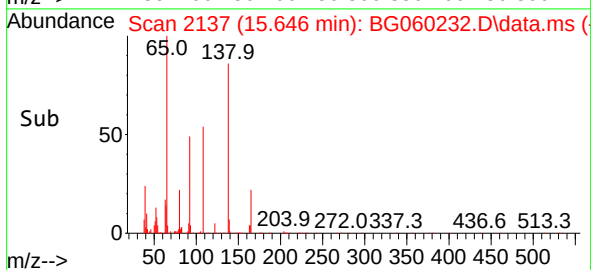
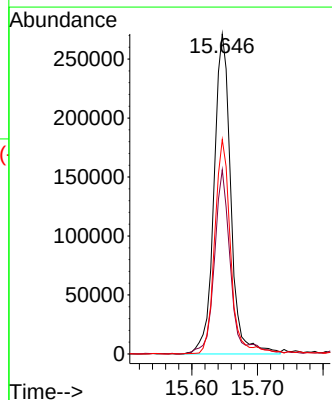
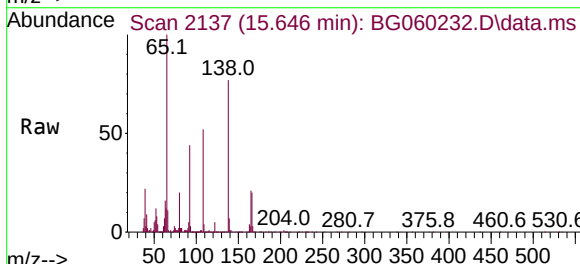
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

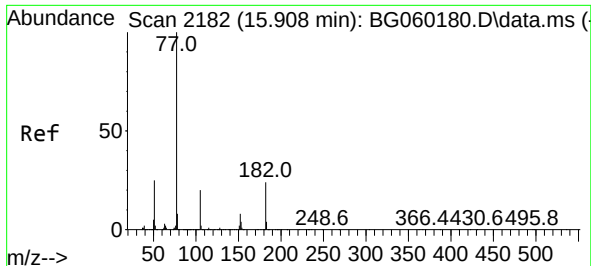
Tgt Ion:204 Resp: 1077264
Ion Ratio Lower Upper
204 100
206 33.2 26.9 40.3
141 43.3 33.2 49.8



#62
4-Nitroaniline
Concen: 48.695 ng
RT: 15.646 min Scan# 2137
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:138 Resp: 482260
Ion Ratio Lower Upper
138 100
92 57.6 35.1 75.1
108 67.0 40.9 80.9



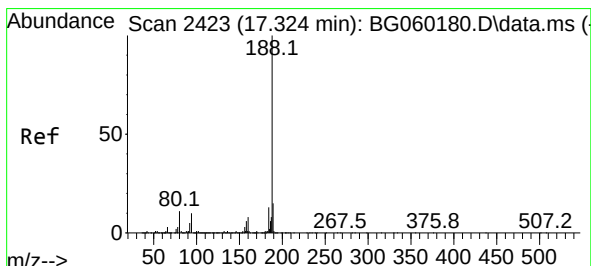
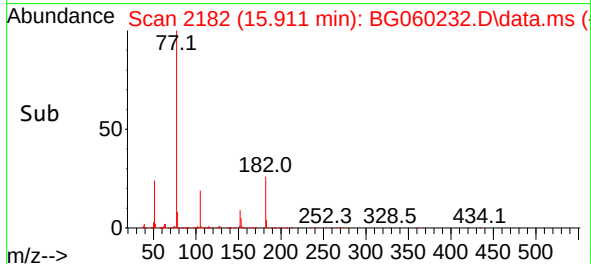
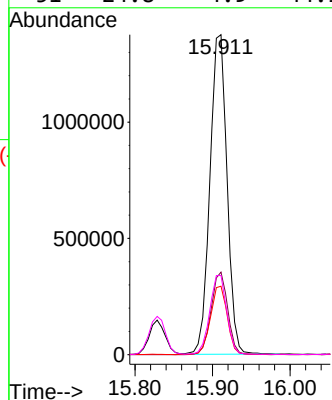
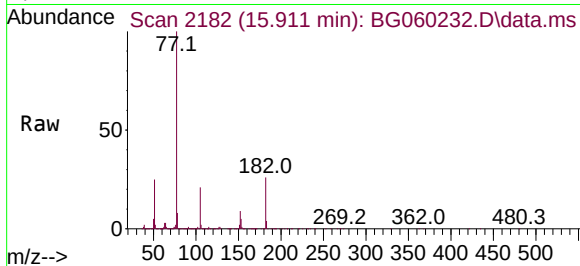


#63
Azobenzene
Concen: 44.397 ng
RT: 15.911 min Scan# 2182
Delta R.T. 0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

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

Tgt Ion: 77 Resp: 2104488

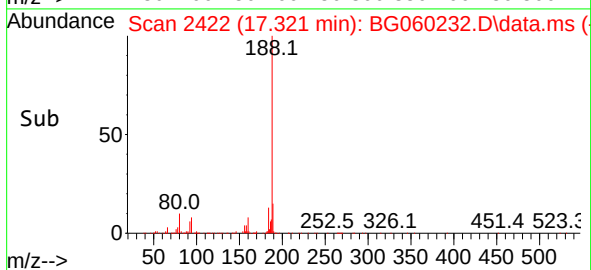
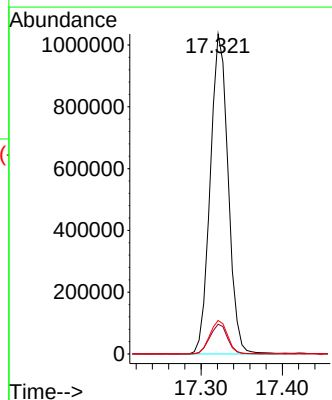
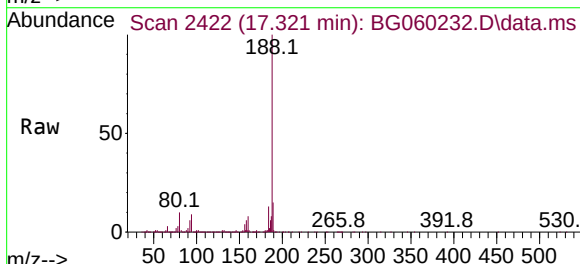
Ion	Ratio	Lower	Upper
77	100		
182	25.8	4.3	44.3
105	21.4	0.3	40.3
51	24.8	4.9	44.9

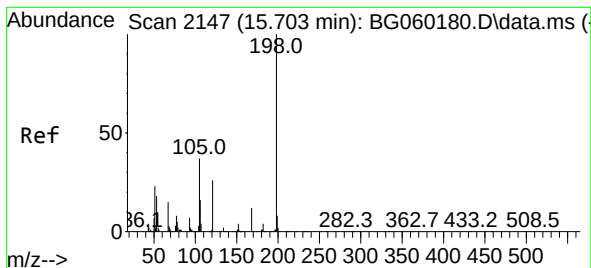


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2422
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:188 Resp: 1584291

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.8	11.6
80	10.5	8.6	13.0

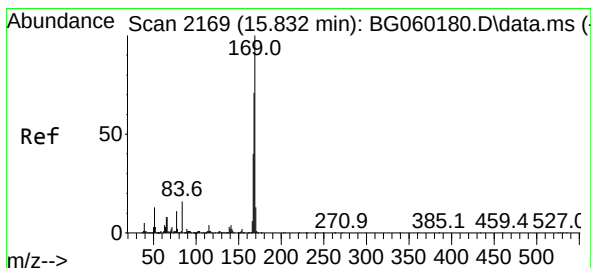
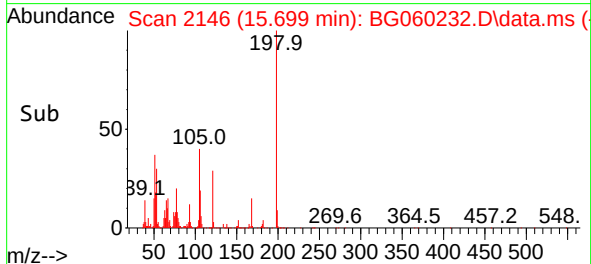
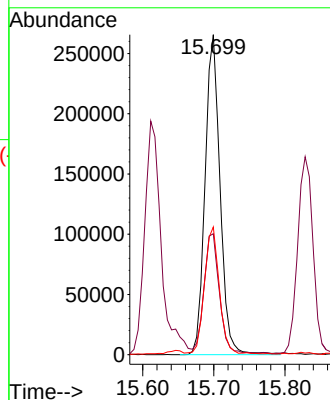
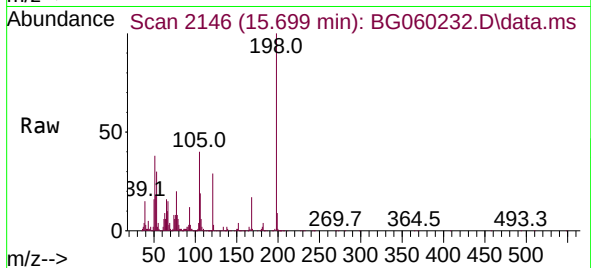




#65
4,6-Dinitro-2-methylphenol
Concen: 49.364 ng
RT: 15.699 min Scan# 2146
Delta R.T. -0.004 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

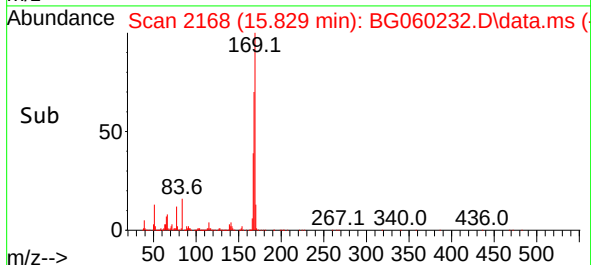
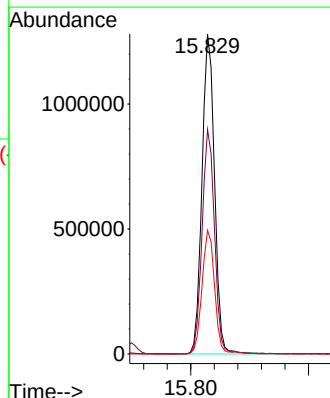
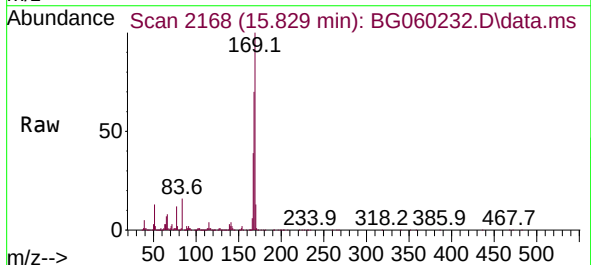
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

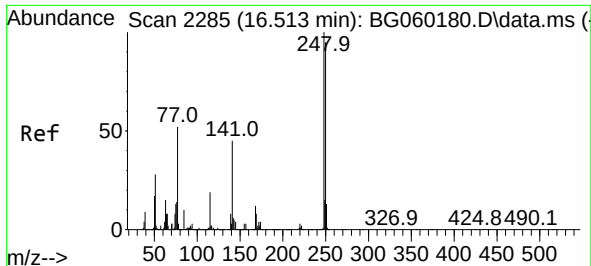
Tgt Ion:198 Resp: 391324
Ion Ratio Lower Upper
198 100
51 37.8 14.8 54.8
105 39.9 17.5 57.5



#66
n-Nitrosodiphenylamine
Concen: 44.333 ng
RT: 15.829 min Scan# 2168
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:169 Resp: 1892636
Ion Ratio Lower Upper
169 100
168 70.1 56.6 84.8
167 38.6 32.1 48.1

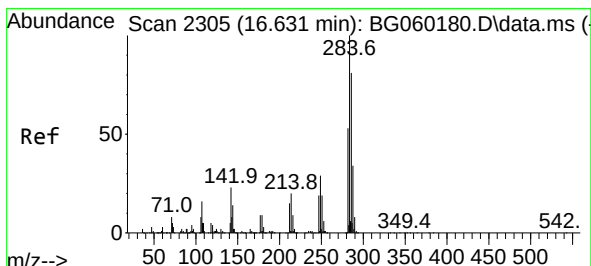
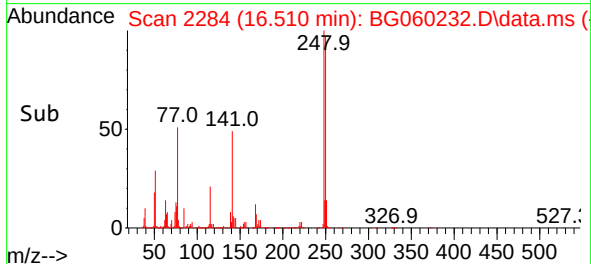
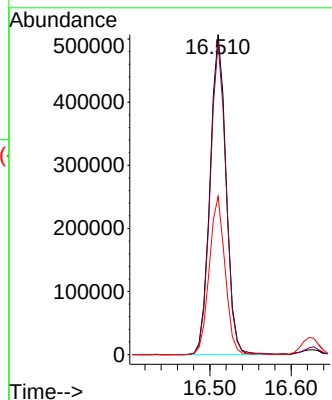
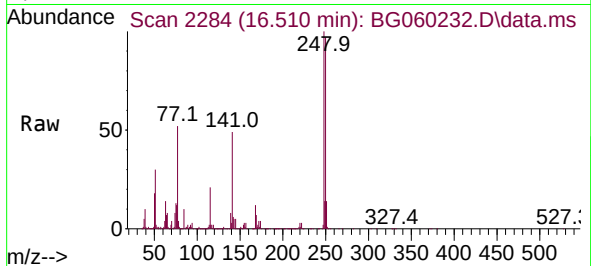




#67
4-Bromophenyl-phenylether
Concen: 41.374 ng
RT: 16.510 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

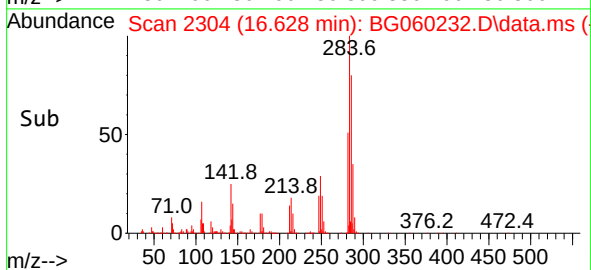
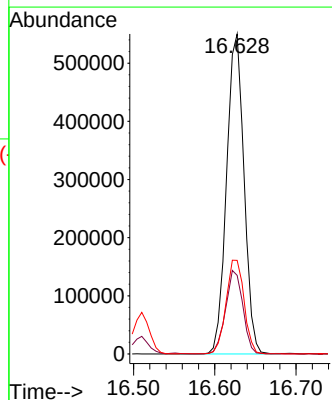
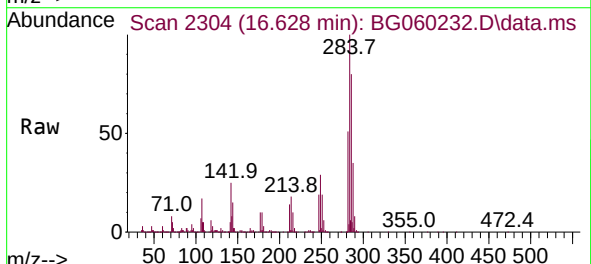
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

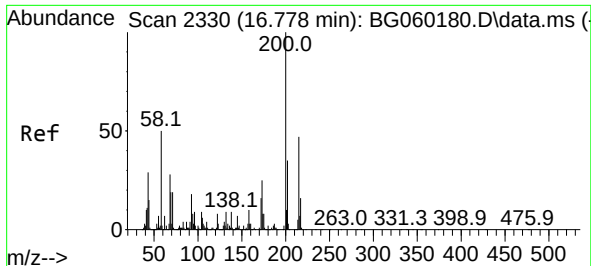
Tgt Ion:248 Resp: 694960
Ion Ratio Lower Upper
248 100
250 97.3 76.2 114.4
141 49.5 36.0 54.0



#68
Hexachlorobenzene
Concen: 41.671 ng
RT: 16.628 min Scan# 2304
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:284 Resp: 820654
Ion Ratio Lower Upper
284 100
142 24.6 18.7 28.1
249 29.2 23.5 35.3

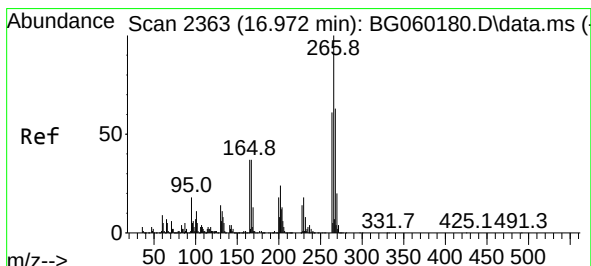
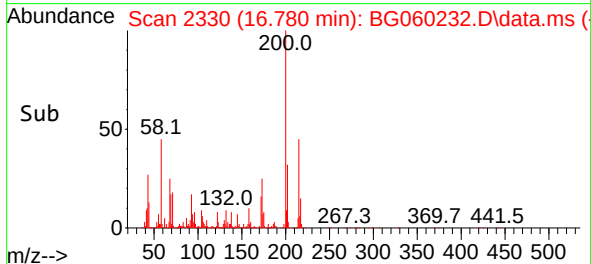
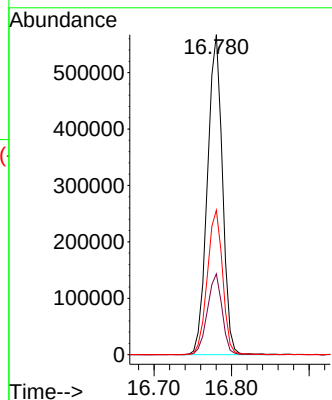
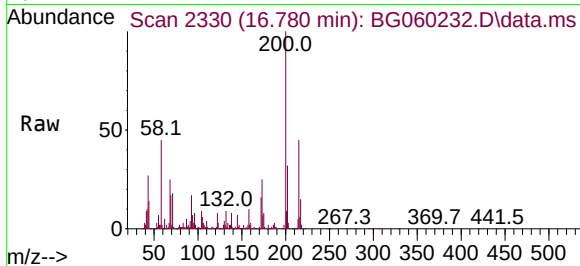




#69
 Atrazine
 Concen: 48.653 ng
 RT: 16.780 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG060232.D
 Acq: 3 Jan 2024 18:19

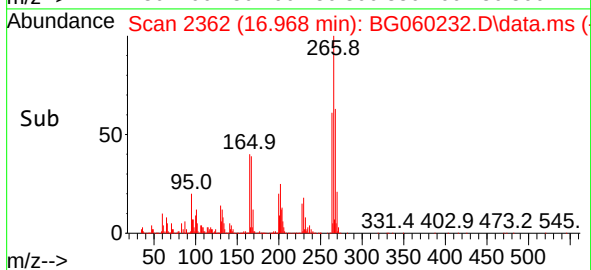
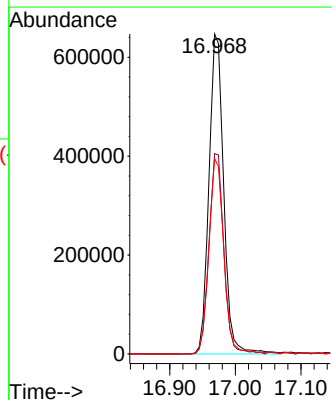
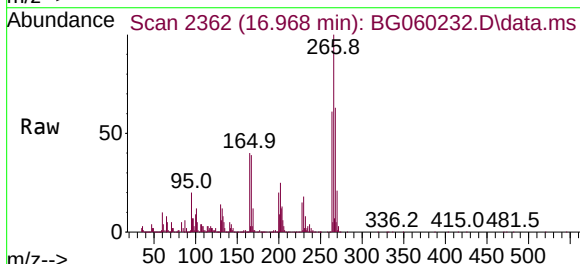
Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-15-0-2MSD

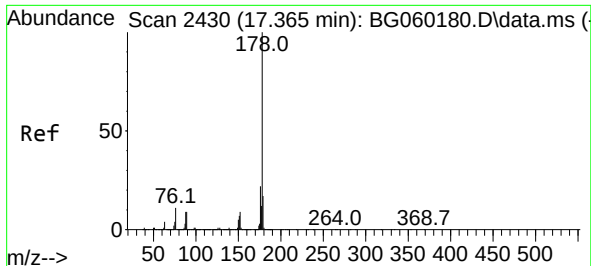
Tgt Ion:200 Resp: 763393
 Ion Ratio Lower Upper
 200 100
 173 25.3 5.2 45.2
 215 45.1 26.9 66.9



#70
 Pentachlorophenol
 Concen: 93.564 ng
 RT: 16.968 min Scan# 2362
 Delta R.T. -0.003 min
 Lab File: BG060232.D
 Acq: 3 Jan 2024 18:19

Tgt Ion:266 Resp: 1012242
 Ion Ratio Lower Upper
 266 100
 268 62.6 50.4 75.6
 264 65.6 52.6 79.0

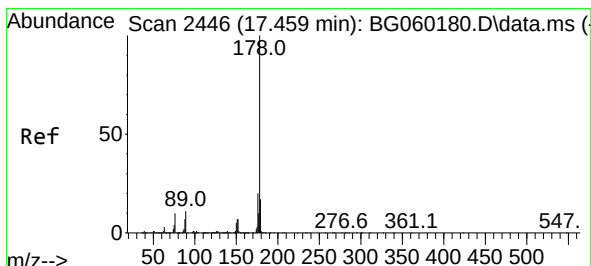
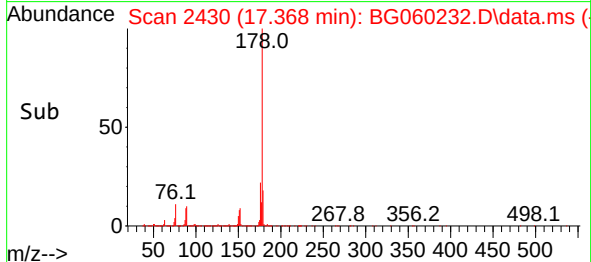
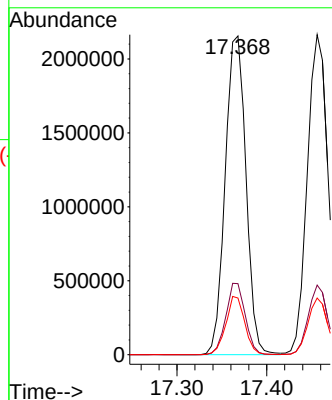
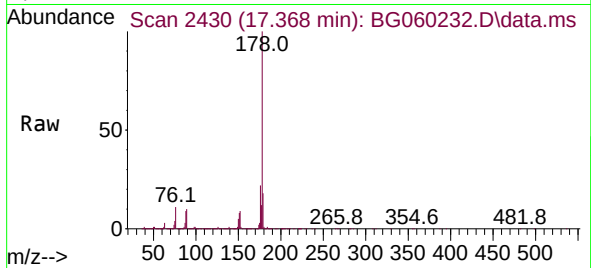




#71
Phenanthrene
Concen: 44.176 ng
RT: 17.368 min Scan# 2430
Delta R.T. 0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

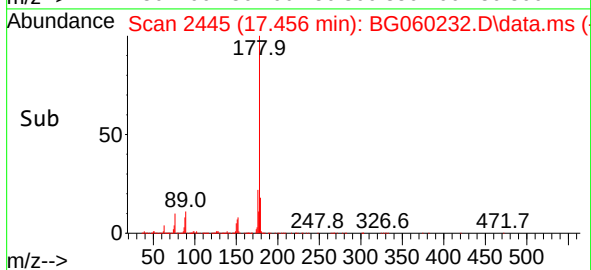
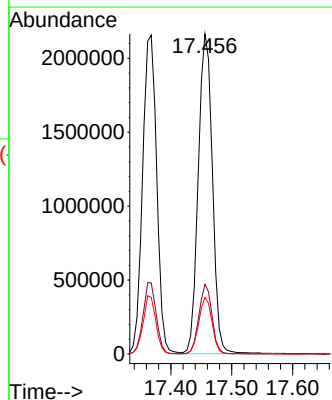
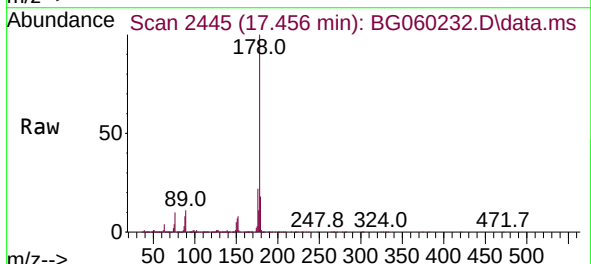
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

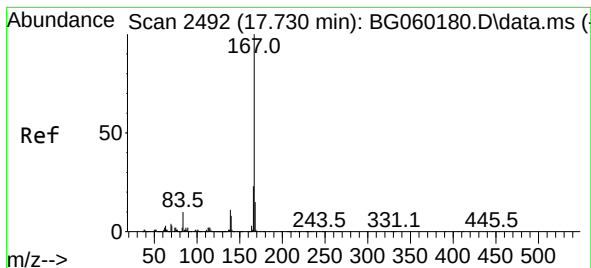
Tgt Ion:178 Resp: 3459408
Ion Ratio Lower Upper
178 100
176 22.3 17.5 26.3
179 17.8 13.8 20.8



#72
Anthracene
Concen: 44.881 ng
RT: 17.456 min Scan# 2445
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:178 Resp: 3491099
Ion Ratio Lower Upper
178 100
176 21.7 16.2 24.2
179 17.7 14.0 21.0





#73

Carbazole

Concen: 43.584 ng

RT: 17.726 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG060232.D

Acq: 3 Jan 2024 18:19

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2MSD

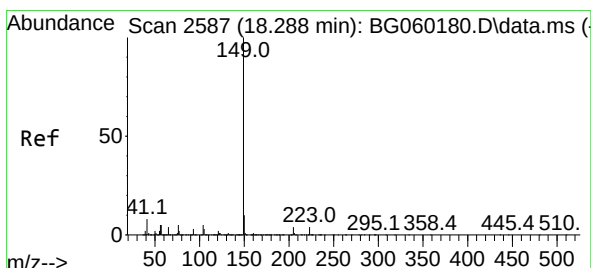
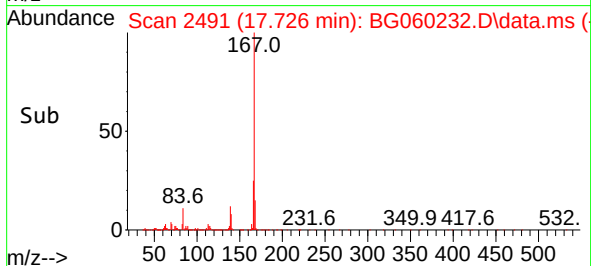
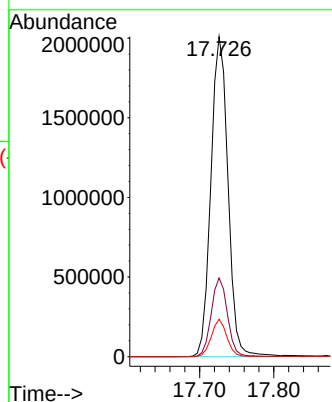
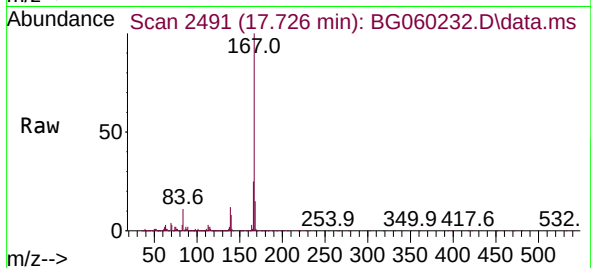
Tgt Ion:167 Resp: 3215510

Ion Ratio Lower Upper

167 100

166 24.6 18.8 28.2

139 11.7 8.8 13.2



#74

Di-n-butylphthalate

Concen: 47.315 ng

RT: 18.284 min Scan# 2586

Delta R.T. -0.003 min

Lab File: BG060232.D

Acq: 3 Jan 2024 18:19

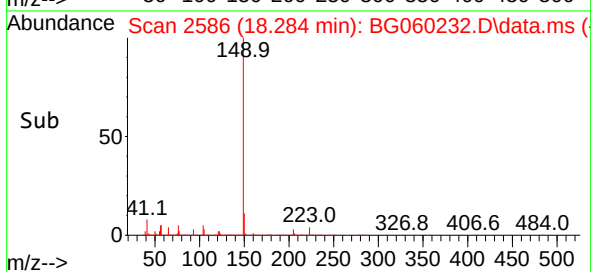
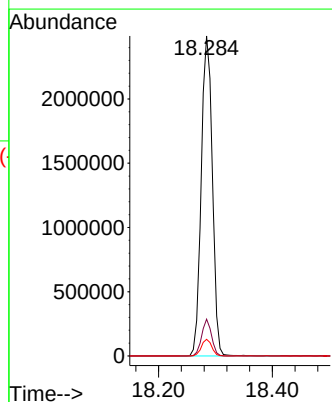
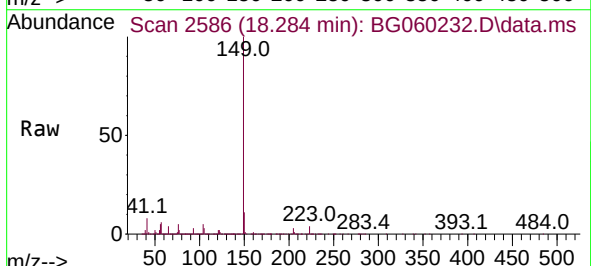
Tgt Ion:149 Resp: 3382820

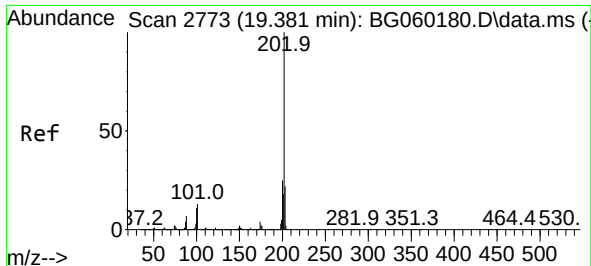
Ion Ratio Lower Upper

149 100

150 11.5 8.3 12.5

104 5.2 4.2 6.4

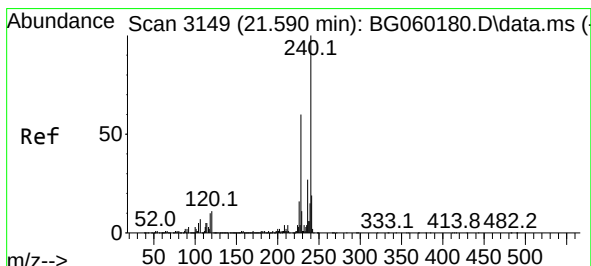
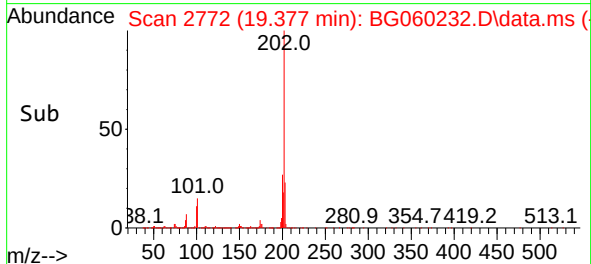
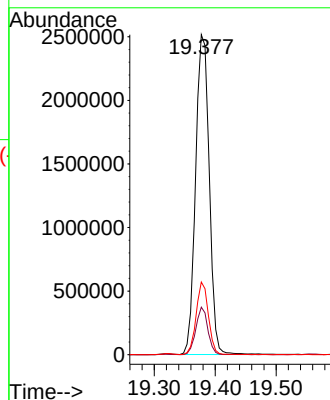
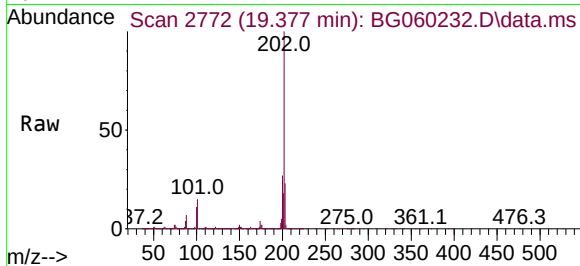




#75
Fluoranthene
Concen: 42.548 ng
RT: 19.377 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

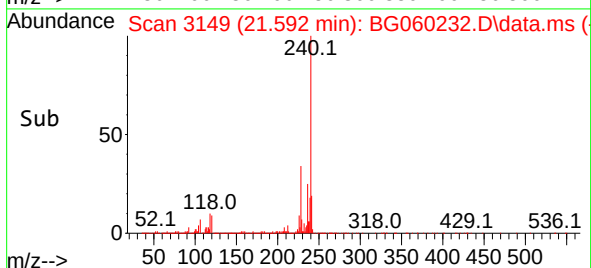
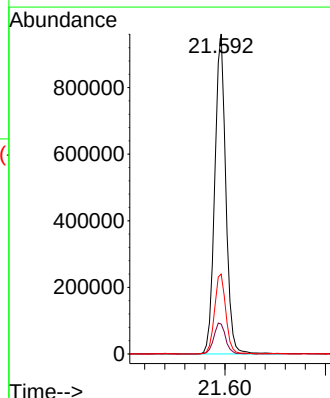
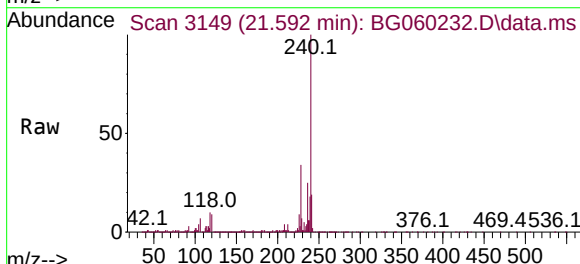
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

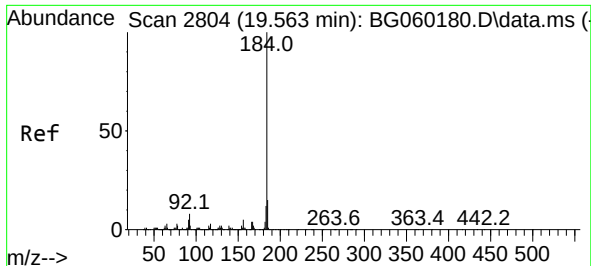
Tgt Ion:202 Resp: 3908333
Ion Ratio Lower Upper
202 100
101 14.9 0.0 32.8
203 22.7 2.0 42.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3149
Delta R.T. 0.002 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:240 Resp: 1466327
Ion Ratio Lower Upper
240 100
120 9.4 8.5 12.7
236 25.0 21.4 32.2

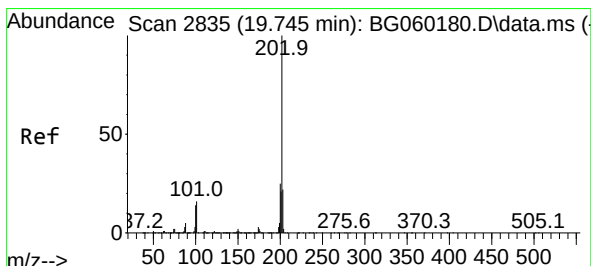
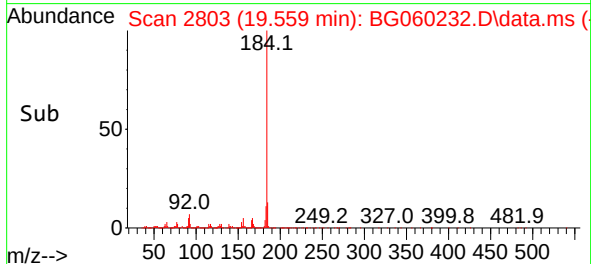
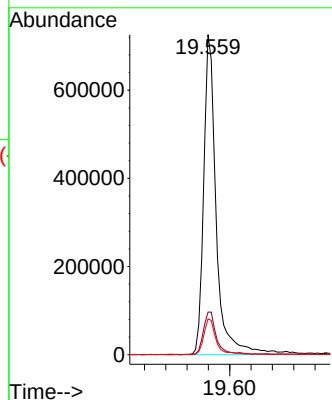
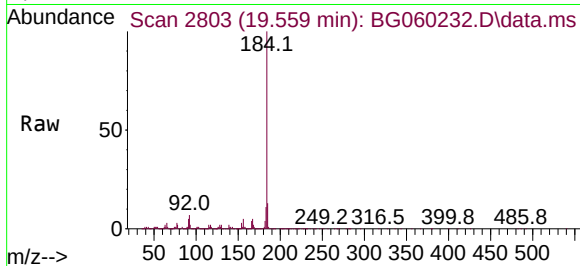




#77
Benzidine
Concen: 29.123 ng
RT: 19.559 min Scan# 2803
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

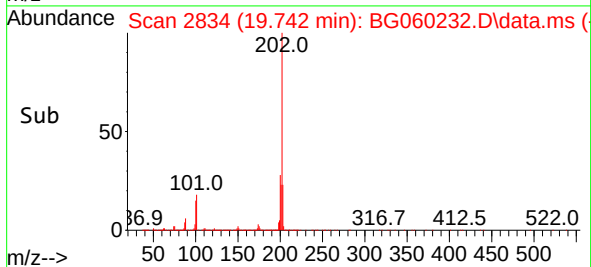
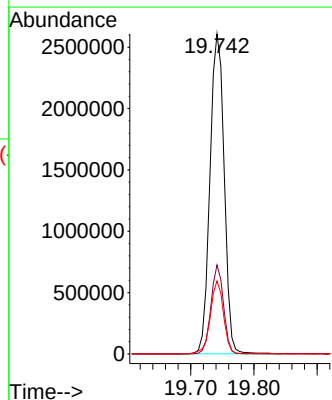
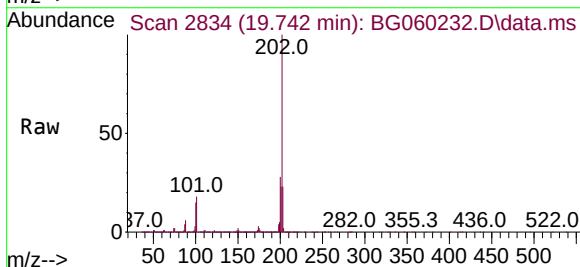
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

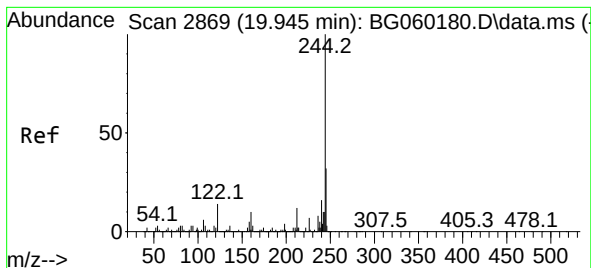
Tgt Ion:184 Resp: 1181915
Ion Ratio Lower Upper
184 100
185 13.3 11.7 17.5
183 11.2 9.4 14.2



#78
Pyrene
Concen: 41.328 ng
RT: 19.742 min Scan# 2834
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:202 Resp: 4073614
Ion Ratio Lower Upper
202 100
200 27.8 20.3 30.5
203 22.8 17.8 26.6





#79

Terphenyl-d14

Concen: 52.147 ng

RT: 19.941 min Scan# 2

Delta R.T. -0.004 min

Lab File: BG060232.D

Acq: 3 Jan 2024 18:19

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2MSD

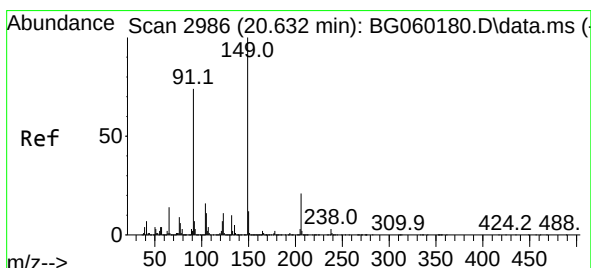
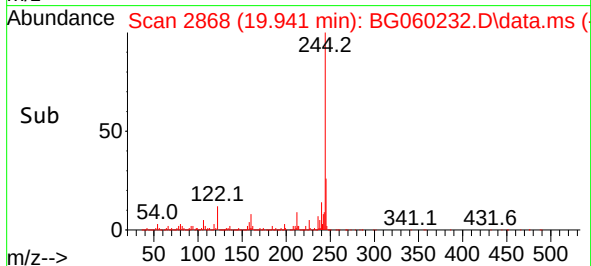
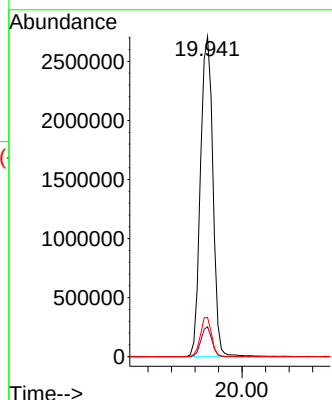
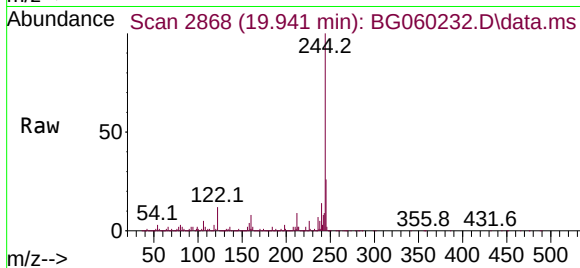
Tgt Ion:244 Resp: 3977395

Ion Ratio Lower Upper

244 100

212 9.4 9.5 14.3#

122 12.2 11.4 17.2



#80

Butylbenzylphthalate

Concen: 56.119 ng

RT: 20.629 min Scan# 2985

Delta R.T. -0.003 min

Lab File: BG060232.D

Acq: 3 Jan 2024 18:19

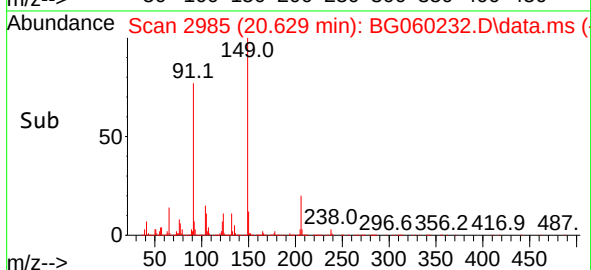
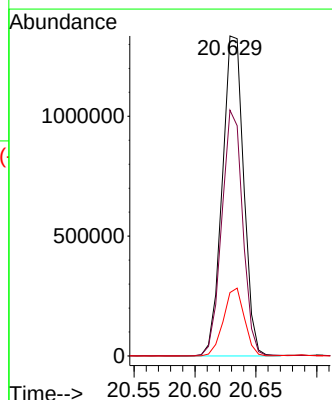
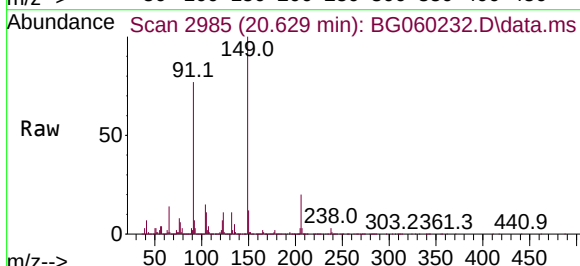
Tgt Ion:149 Resp: 1631030

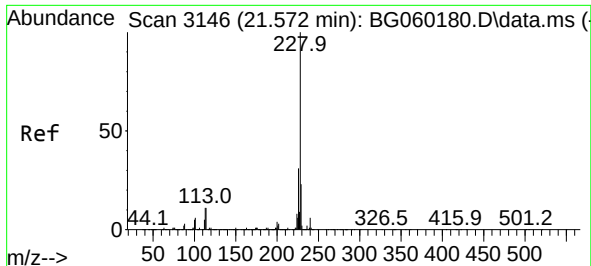
Ion Ratio Lower Upper

149 100

91 76.8 59.4 89.2

206 19.8 16.6 25.0

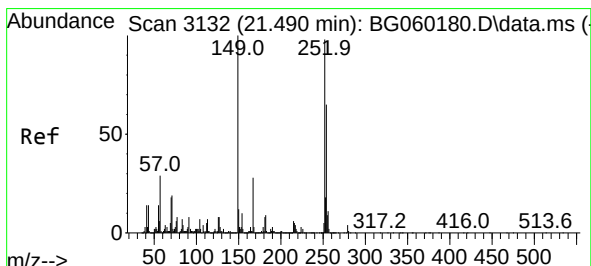
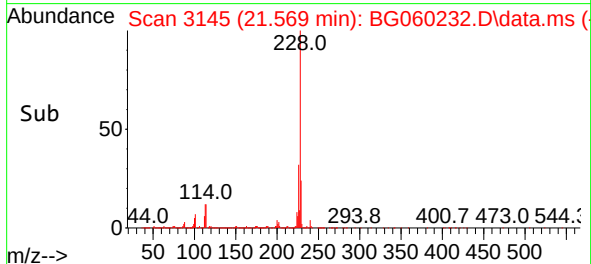
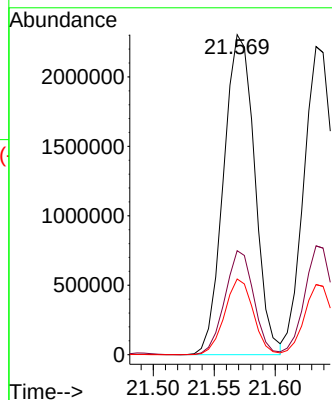
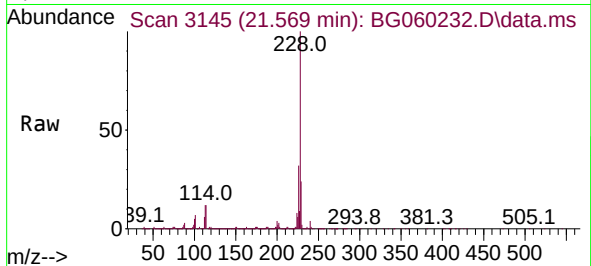




#81
Benzo(a)anthracene
Concen: 43.886 ng
RT: 21.569 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

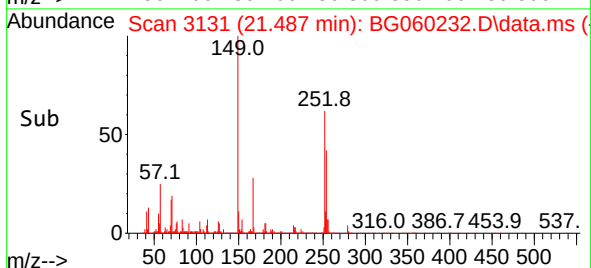
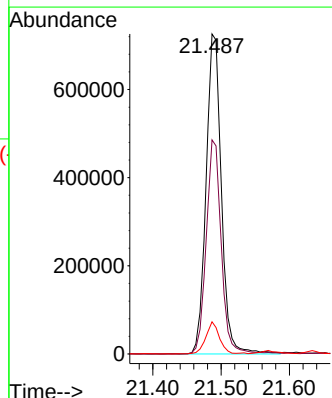
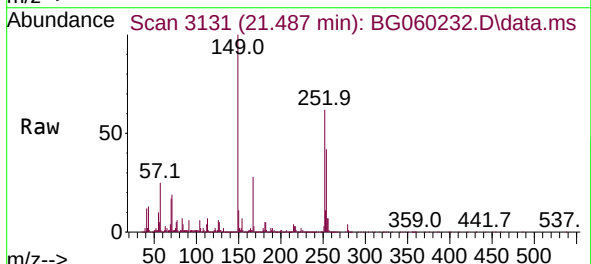
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

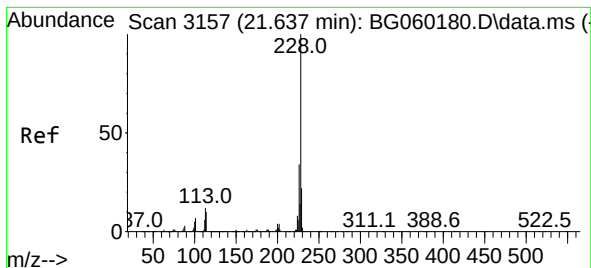
Tgt Ion:228 Resp: 4091480
Ion Ratio Lower Upper
228 100
226 32.5 24.6 36.8
229 23.6 18.4 27.6



#82
3,3'-Dichlorobenzidine
Concen: 33.394 ng
RT: 21.487 min Scan# 3131
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:252 Resp: 1132136
Ion Ratio Lower Upper
252 100
254 66.9 52.6 78.8
126 10.0 6.9 10.3





#83

Chrysene

Concen: 42.565 ng

RT: 21.633 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG060232.D

Acq: 3 Jan 2024 18:19

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2MSD

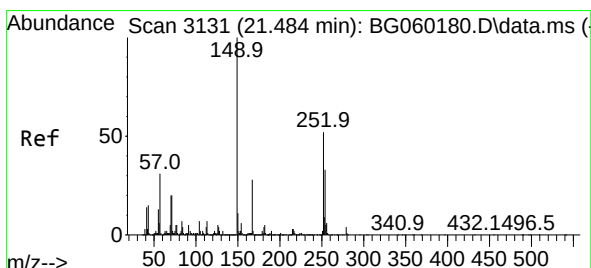
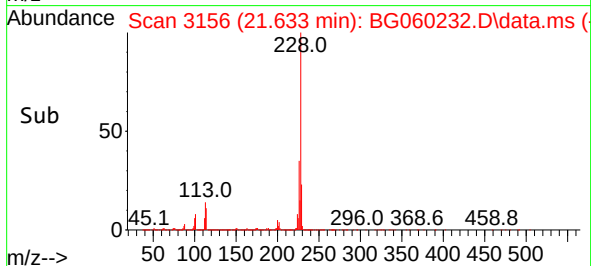
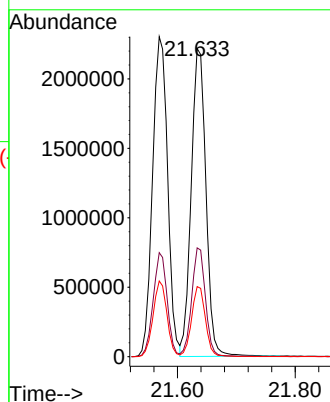
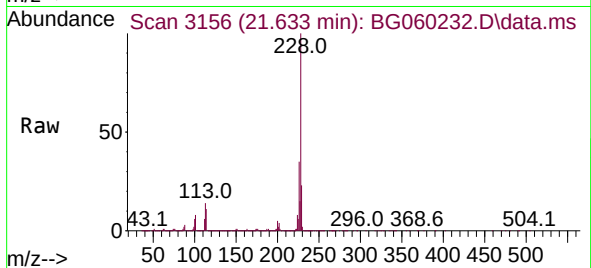
Tgt Ion:228 Resp: 3855333

Ion Ratio Lower Upper

228 100

226 35.3 26.8 40.2

229 22.7 17.7 26.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.519 ng

RT: 21.481 min Scan# 3130

Delta R.T. -0.003 min

Lab File: BG060232.D

Acq: 3 Jan 2024 18:19

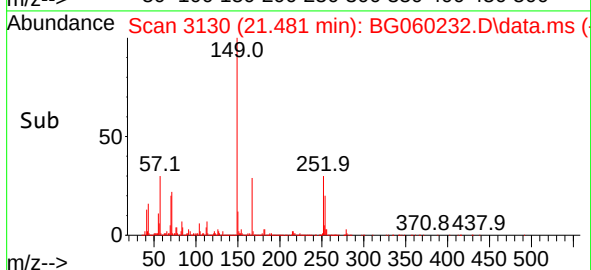
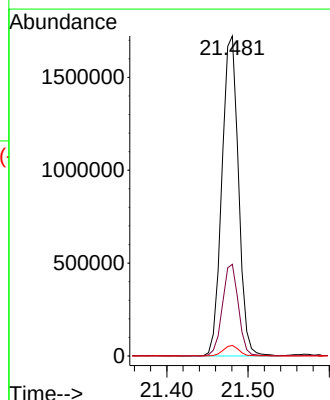
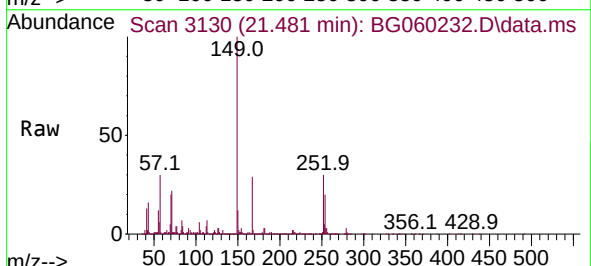
Tgt Ion:149 Resp: 2447001

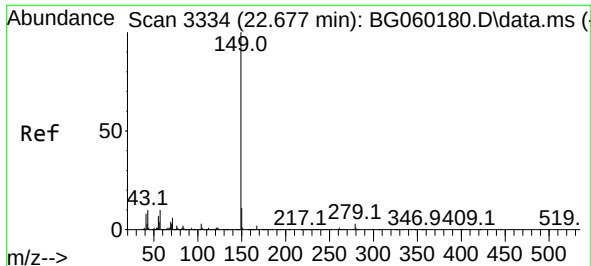
Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.4

279 3.3 2.9 4.3

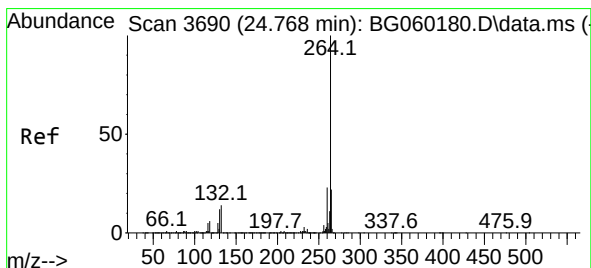
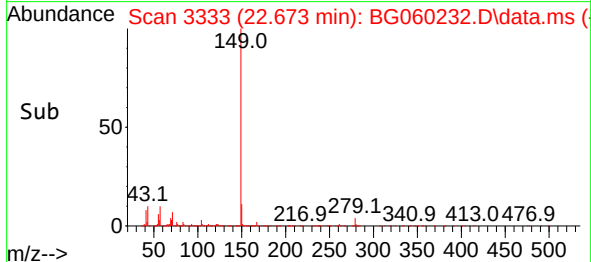
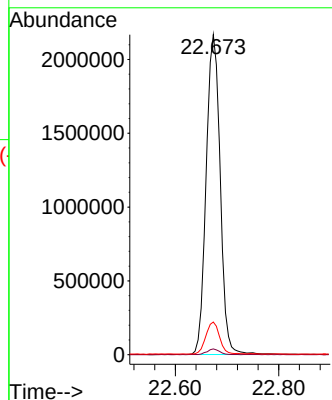
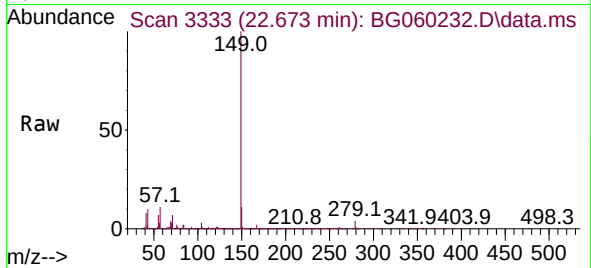




#85
Di-n-octyl phthalate
Concen: 56.561 ng
RT: 22.673 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

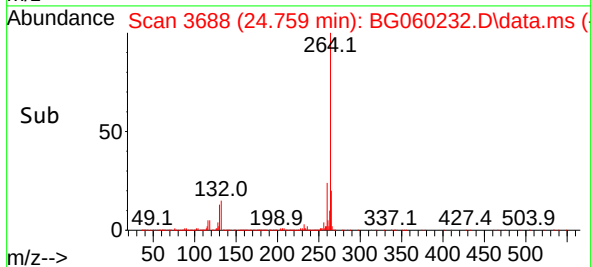
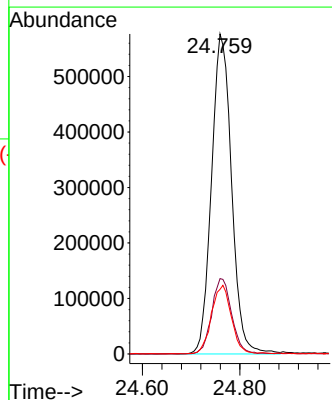
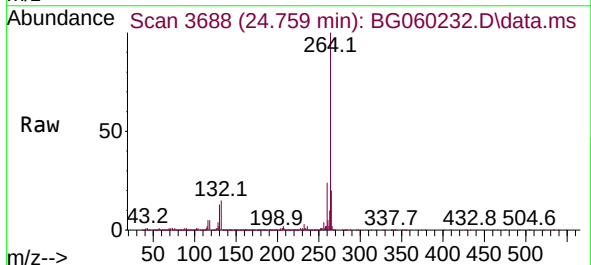
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

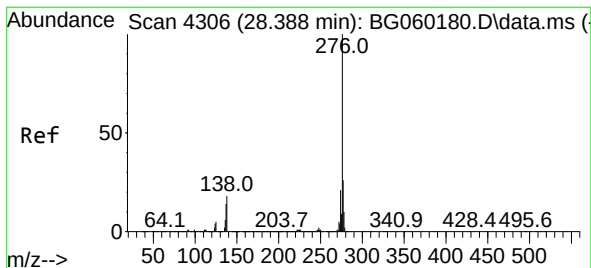
Tgt Ion:149 Resp: 4080708
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.8 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.759 min Scan# 3688
Delta R.T. -0.009 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:264 Resp: 1646666
Ion Ratio Lower Upper
264 100
260 23.5 18.0 27.0
265 20.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.262 ng

RT: 28.384 min Scan# 41

Delta R.T. -0.003 min

Lab File: BG060232.D

Acq: 3 Jan 2024 18:19

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2MSD

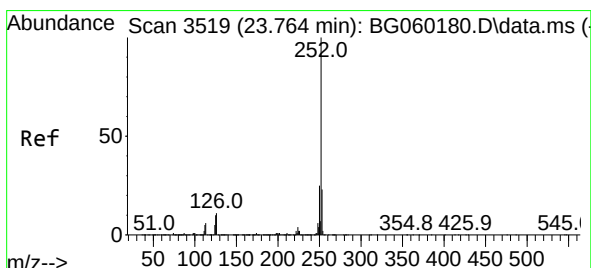
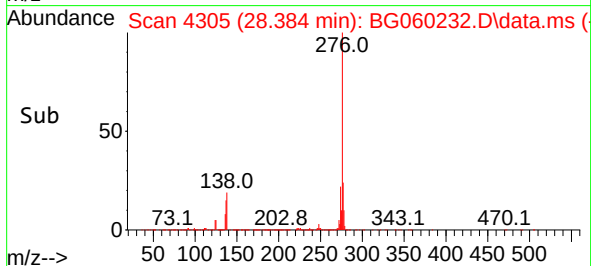
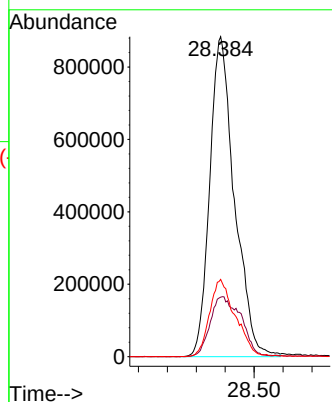
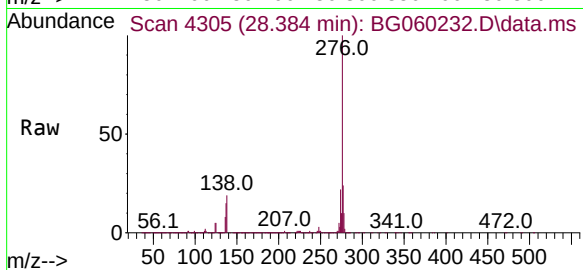
Tgt Ion:276 Resp: 5254617

Ion Ratio Lower Upper

276 100

138 23.3 18.0 27.0

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 43.932 ng

RT: 23.755 min Scan# 3517

Delta R.T. -0.009 min

Lab File: BG060232.D

Acq: 3 Jan 2024 18:19

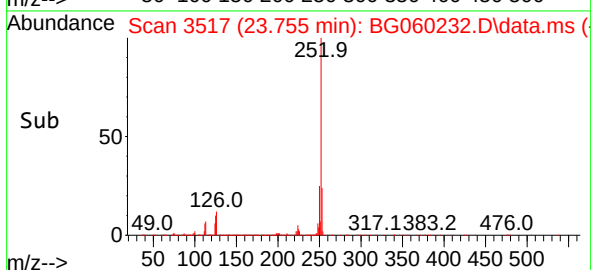
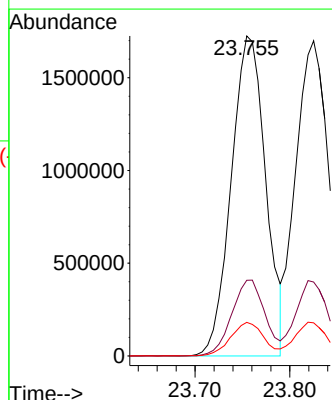
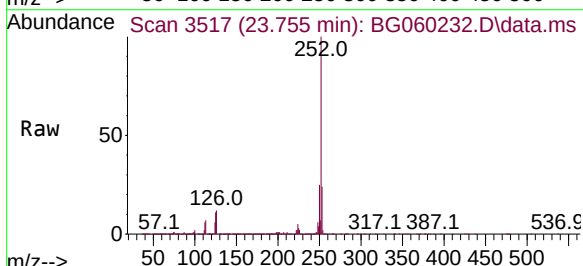
Tgt Ion:252 Resp: 4347281

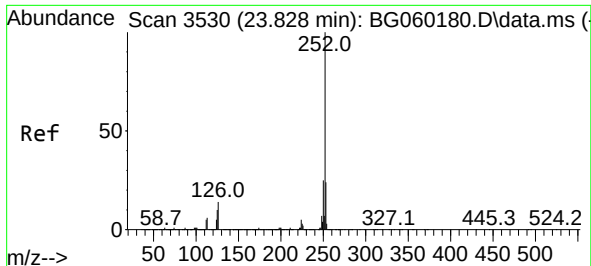
Ion Ratio Lower Upper

252 100

253 23.6 18.4 27.6

125 10.5 8.0 12.0

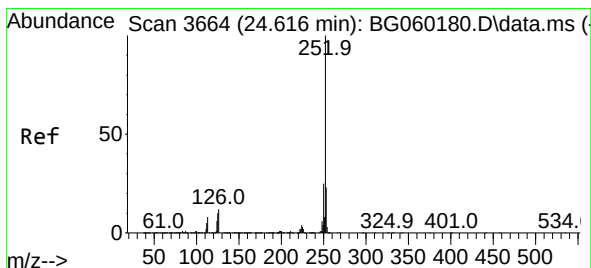
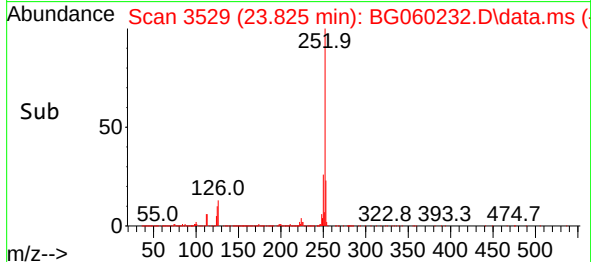
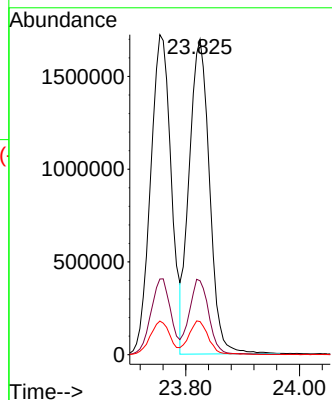
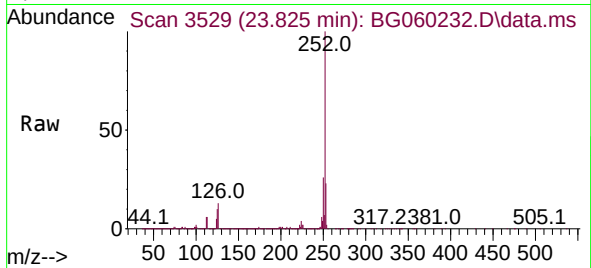




#89
Benzo(k)fluoranthene
Concen: 42.364 ng
RT: 23.825 min Scan# 3530
Delta R.T. -0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

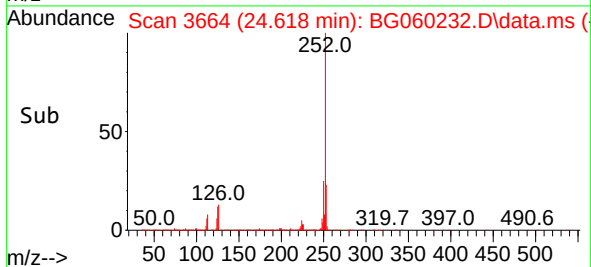
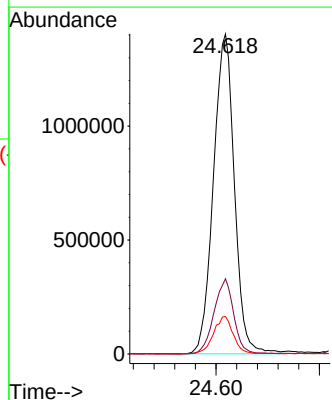
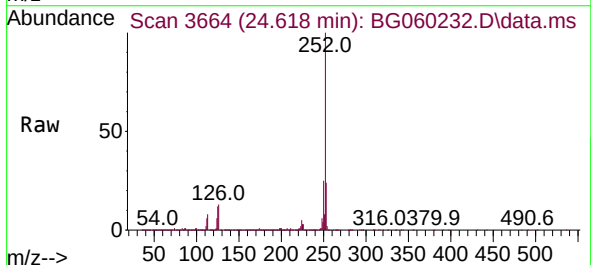
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2MSD

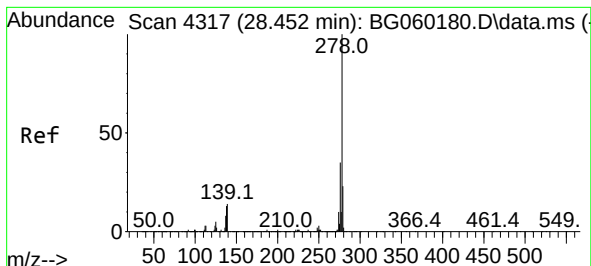
Tgt Ion:252 Resp: 4219376
Ion Ratio Lower Upper
252 100
253 23.5 19.1 28.7
125 10.5 7.7 11.5



#90
Benzo(a)pyrene
Concen: 44.038 ng
RT: 24.618 min Scan# 3664
Delta R.T. 0.003 min
Lab File: BG060232.D
Acq: 3 Jan 2024 18:19

Tgt Ion:252 Resp: 3942613
Ion Ratio Lower Upper
252 100
253 23.5 18.1 27.1
125 11.7 8.2 12.2

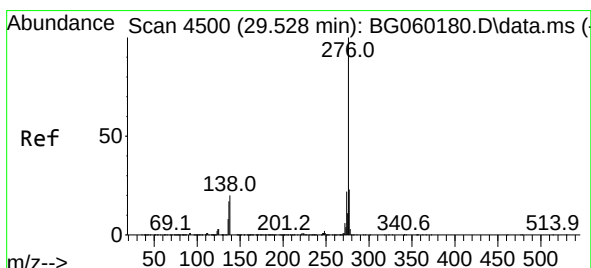
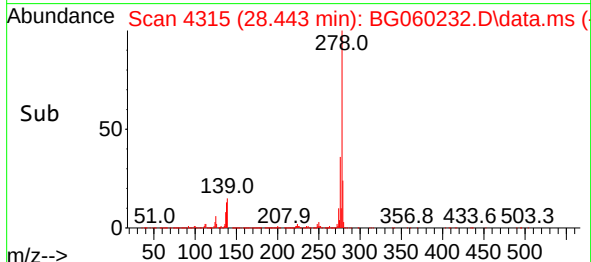
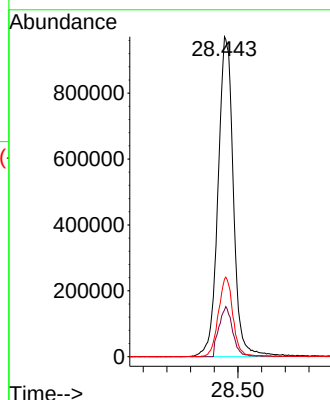
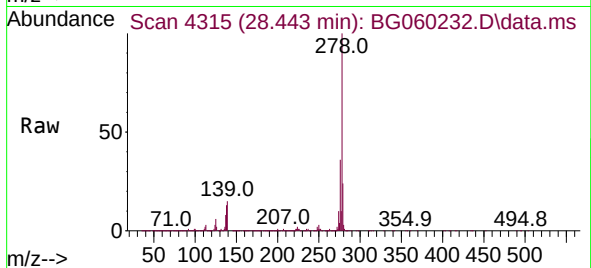




#91
 Dibenzo(a,h)anthracene
 Concen: 45.722 ng
 RT: 28.443 min Scan# 41
 Delta R.T. -0.009 min
 Lab File: BG060232.D
 Acq: 3 Jan 2024 18:19

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

Tgt Ion:278 Resp: 4361386
 Ion Ratio Lower Upper
 278 100
 139 14.6 11.0 16.4
 279 24.3 18.5 27.7



#92
 Benzo(g,h,i)perylene
 Concen: 43.619 ng
 RT: 29.524 min Scan# 4499
 Delta R.T. -0.003 min
 Lab File: BG060232.D
 Acq: 3 Jan 2024 18:19

Tgt Ion:276 Resp: 4214436
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.7 28.1
 138 18.8 15.9 23.9

