

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
 Data File : BG060251.D
 Acq On : 4 Jan 2024 19:01
 Operator : MA/JU
 Sample : 06031-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MR-321-10-12MS

Quant Time: Jan 05 01:45:09 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	7.938	152	196939	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	845980	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	683962	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1719042	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1565025	20.000	ng	0.00
86) Perylene-d12	24.765	264	1750718	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1210171	92.747	ng	0.00
7) Phenol-d6	7.103	99	1828386	94.377	ng	0.00
23) Nitrobenzene-d5	9.101	82	1024893	55.958	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	858438	93.762	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	2670030	56.106	ng	0.00
79) Terphenyl-d14	19.941	244	4329691	53.186	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.408	88	198355	34.169	ng	97
3) Pyridine	3.801	79	504766	30.659	ng	94
4) n-Nitrosodimethylamine	3.719	42	217324	35.384	ng	# 92
6) Aniline	7.262	93	842827	43.421	ng	97
8) 2-Chlorophenol	7.503	128	552648	44.071	ng	97
9) Benzaldehyde	7.080	77	149669	12.850	ng	90
10) Phenol	7.127	94	898263	45.979	ng	96
11) bis(2-Chloroethyl)ether	7.356	93	615300	38.921	ng	93
12) 1,3-Dichlorobenzene	7.826	146	572589	36.989	ng	98
13) 1,4-Dichlorobenzene	7.973	146	594655	37.997	ng	99
14) 1,2-Dichlorobenzene	8.290	146	586904	38.361	ng	98
15) Benzyl Alcohol	8.173	79	568267	47.257	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.466	45	744091	36.674	ng	97
17) 2-Methylphenol	8.378	107	558891	45.687	ng	100
18) Hexachloroethane	9.019	117	199243	40.424	ng	94
19) n-Nitroso-di-n-propyla...	8.737	70	528707	39.948	ng	99
20) 3+4-Methylphenols	8.707	107	788555	45.482	ng	96
22) Acetophenone	8.760	105	1017663	40.601	ng	# 96
24) Nitrobenzene	9.142	77	737471	39.355	ng	97
25) Isophorone	9.659	82	1480626	38.639	ng	100
26) 2-Nitrophenol	9.853	139	307061	46.958	ng	89
27) 2,4-Dimethylphenol	9.912	122	506287	54.660	ng	97
28) bis(2-Chloroethoxy)met...	10.147	93	898281	40.024	ng	99
29) 2,4-Dichlorophenol	10.388	162	678842	46.373	ng	97
30) 1,2,4-Trichlorobenzene	10.599	180	667001	37.435	ng	99
31) Naphthalene	10.793	128	1762627	39.466	ng	99
32) Benzoic acid	10.047	122	357915	44.258	ng	93
33) 4-Chloroaniline	10.899	127	652746	37.423	ng	98
34) Hexachlorobutadiene	11.075	225	380502	35.907	ng	96
35) Caprolactam	11.668	113	133073	27.328	ng	# 84
36) 4-Chloro-3-methylphenol	12.021	107	706577	46.900	ng	99
37) 2-Methylnaphthalene	12.403	142	1315817	40.788	ng	99
38) 1-Methylnaphthalene	12.620	142	1296145	39.739	ng	99
40) 1,2,4,5-Tetrachloroben...	12.767	216	851057	38.846	ng	99
41) Hexachlorocyclopentadiene	12.750	237	803939	113.527	ng	99
43) 2,4,6-Trichlorophenol	13.002	196	615389	42.744	ng	97

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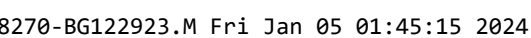
Instrument :
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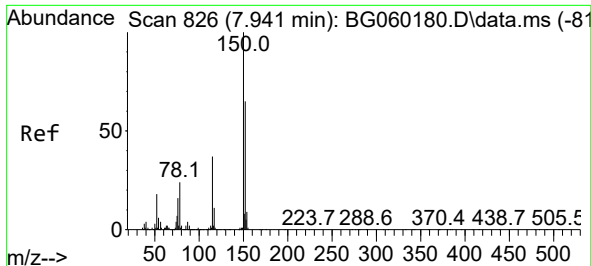
Quant Time: Jan 05 01:45:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	696611	43.253	ng	99
46) 1,1'-Biphenyl	13.408	154	2053460	40.807	ng	99
47) 2-Chloronaphthalene	13.455	162	1661085	38.744	ng	99
48) 2-Nitroaniline	13.654	65	529627	47.270	ng	97
49) Acenaphthylene	14.301	152	2691966	43.579	ng	97
50) Dimethylphthalate	14.030	163	2160406	40.911	ng	100
51) 2,6-Dinitrotoluene	14.148	165	474350	43.187	ng	96
52) Acenaphthene	14.641	154	1538970	39.924	ng	99
53) 3-Nitroaniline	14.483	138	415493	40.146	ng	99
54) 2,4-Dinitrophenol	14.688	184	558014	86.496	ng	97
55) Dibenzofuran	14.976	168	2665125	41.275	ng	99
56) 4-Nitrophenol	14.794	139	817517	104.500	ng	96
57) 2,4-Dinitrotoluene	14.935	165	672715	45.042	ng	97
58) Fluorene	15.623	166	2185364	41.266	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.200	232	633865	45.154	ng	98
60) Diethylphthalate	15.394	149	2088864	41.480	ng	99
61) 4-Chlorophenyl-phenyle...	15.617	204	1094613	39.695	ng	99
62) 4-Nitroaniline	15.646	138	497815	45.637	ng	97
63) Azobenzene	15.911	77	2126499	40.730	ng	97
65) 4,6-Dinitro-2-methylph...	15.699	198	378274	43.977	ng	98
66) n-Nitrosodiphenylamine	15.828	169	1931817	41.703	ng	97
67) 4-Bromophenyl-phenylether	16.510	248	718397	39.417	ng	96
68) Hexachlorobenzene	16.627	284	814814	38.131	ng	98
69) Atrazine	16.780	200	768859	45.160	ng	99
70) Pentachlorophenol	16.974	266	1016808	86.618	ng	98
71) Phenanthrene	17.368	178	3540572	41.668	ng	99
72) Anthracene	17.456	178	3617113	42.856	ng	97
73) Carbazole	17.726	167	3295736	41.170	ng	98
74) Di-n-butylphthalate	18.284	149	3424922	44.149	ng	98
75) Fluoranthene	19.377	202	3981412	39.946	ng	97
77) Benzidine	19.565	184	2557052	59.034	ng	98
78) Pyrene	19.741	202	4111982	39.086	ng	97
80) Butylbenzylphthalate	20.634	149	1585920	51.125	ng	98
81) Benzo(a)anthracene	21.575	228	4038315	40.584	ng	98
82) 3,3'-Dichlorobenzidine	21.492	252	1380029	38.138	ng	99
83) Chrysene	21.639	228	3851759	39.844	ng	97
84) Bis(2-ethylhexyl)phtha...	21.480	149	2318347	49.282	ng	99
85) Di-n-octyl phthalate	22.673	149	3936551	51.122	ng	99
87) Indeno(1,2,3-cd)pyrene	28.384	276	5176859	41.942	ng	100
88) Benzo(b)fluoranthene	23.754	252	4271492	40.600	ng	99
89) Benzo(k)fluoranthene	23.825	252	4250525	40.140	ng	99
90) Benzo(a)pyrene	24.618	252	3877703	40.739	ng	99
91) Dibenzo(a,h)anthracene	28.449	278	4276096	42.164	ng	98
92) Benzo(g,h,i)perylene	29.518	276	4115072	40.059	ng	98

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

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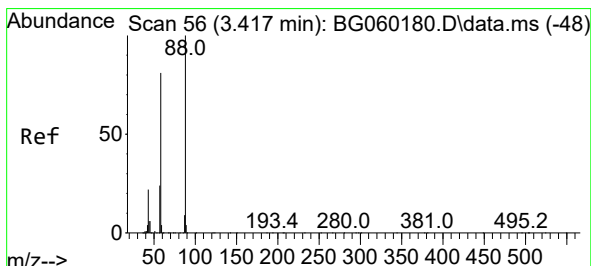
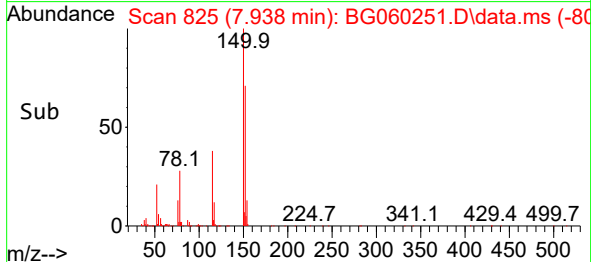
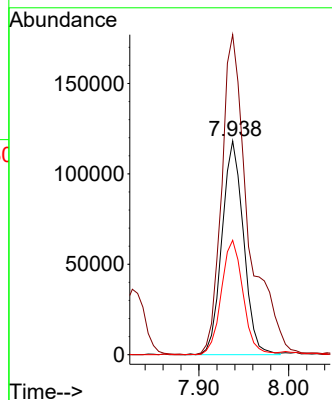
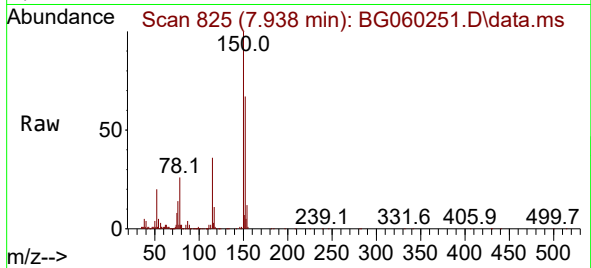




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

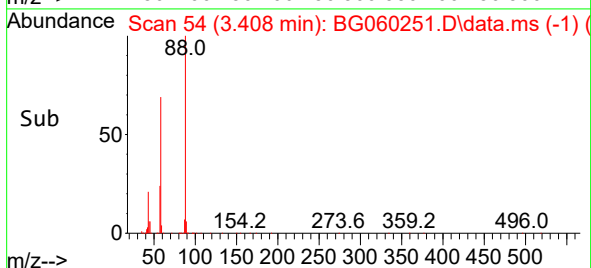
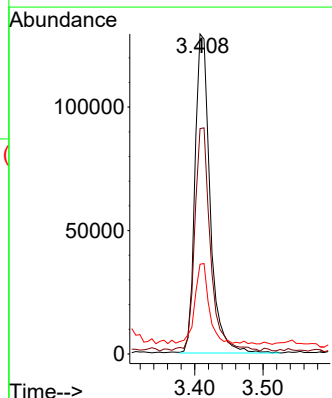
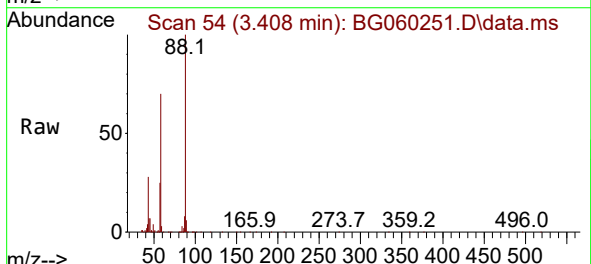
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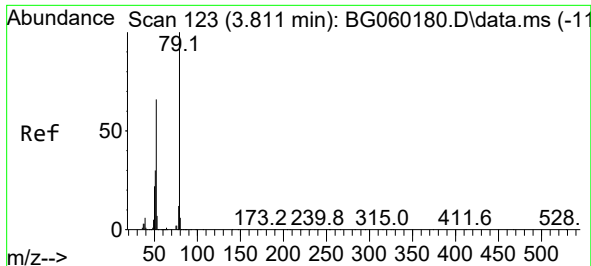
Tgt Ion:152 Resp: 196939
Ion Ratio Lower Upper
152 100
150 149.7 123.4 185.0
115 53.5 45.4 68.0



#2
1,4-Dioxane
Concen: 34.169 ng
RT: 3.408 min Scan# 54
Delta R.T. -0.009 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion: 88 Resp: 198355
Ion Ratio Lower Upper
88 100
58 72.8 60.5 90.7
43 22.9 18.9 28.3

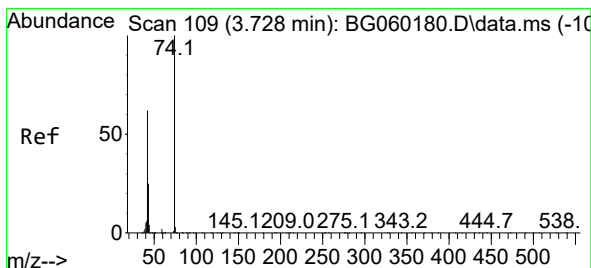
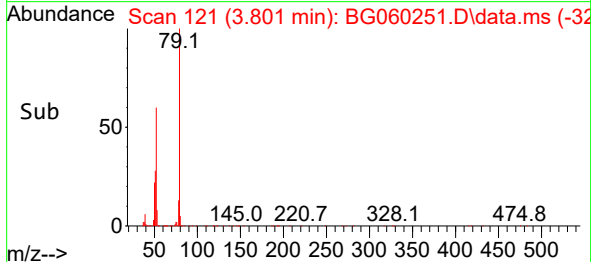
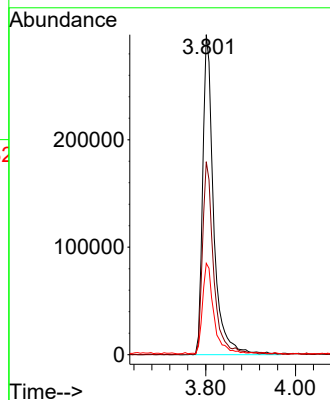
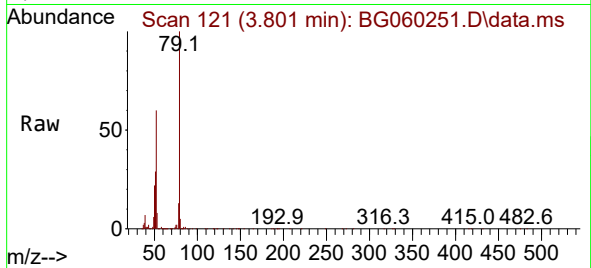




#3
Pyridine
Concen: 30.659 ng
RT: 3.801 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

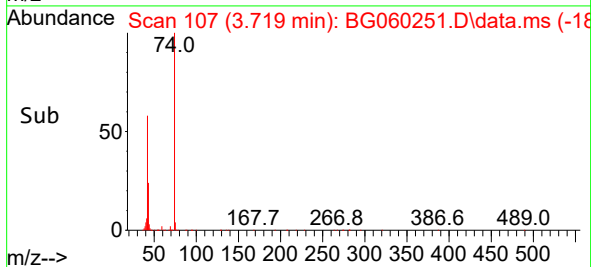
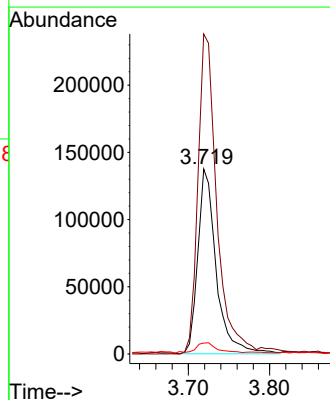
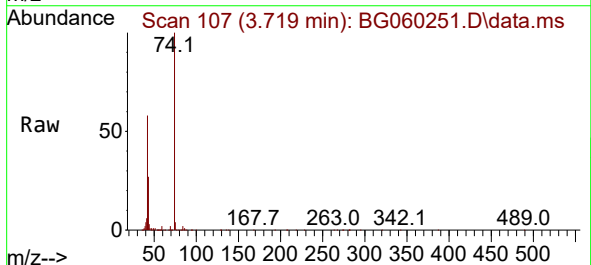
Instrument :
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ClientSampleId :
MR-321-10-12MS

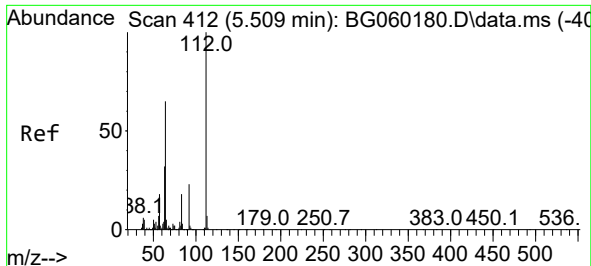
Tgt Ion: 79 Resp: 504766
Ion Ratio Lower Upper
79 100
52 60.3 52.9 79.3
51 28.5 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 35.384 ng
RT: 3.719 min Scan# 107
Delta R.T. -0.009 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion: 42 Resp: 217324
Ion Ratio Lower Upper
42 100
74 173.0 129.5 194.3
44 5.9 5.9 8.9#

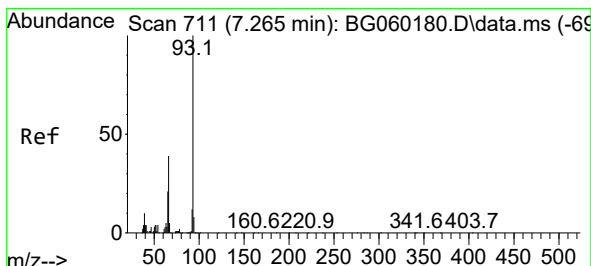
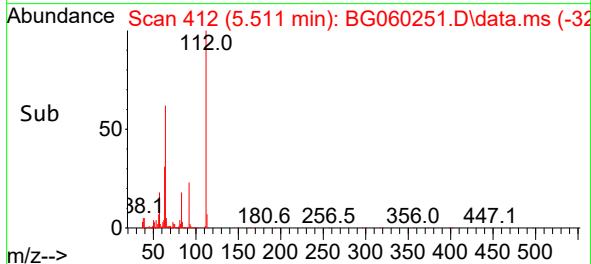
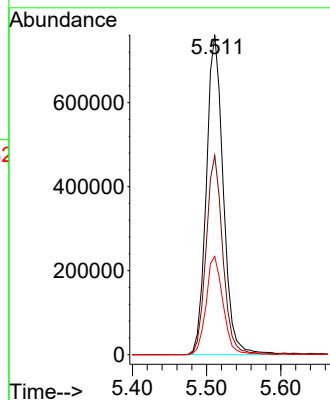
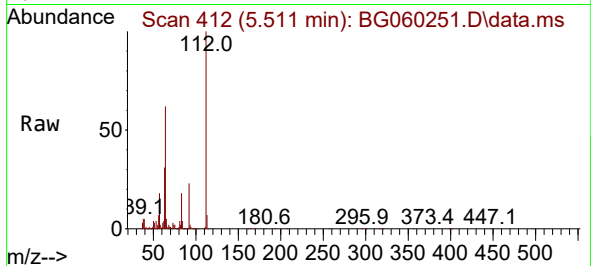




#5
2-Fluorophenol
Concen: 92.747 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

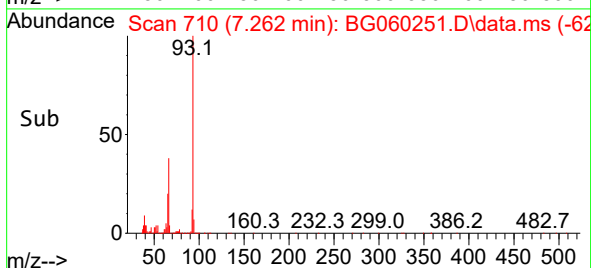
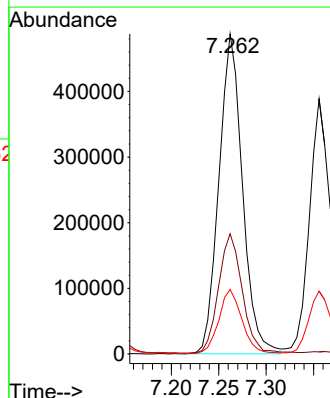
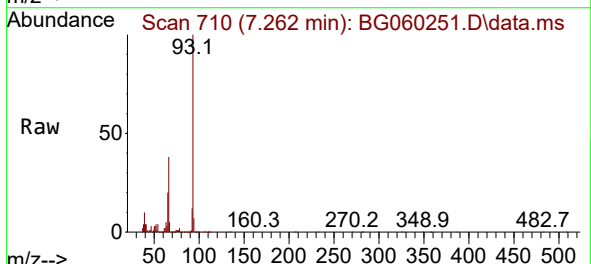
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ClientSampleId :
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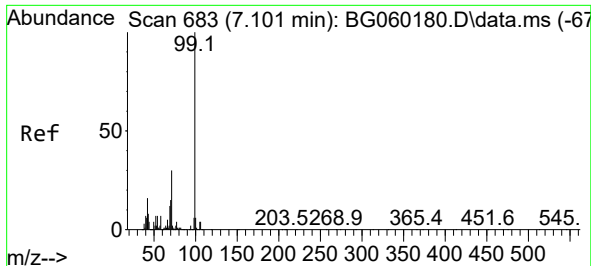
Tgt Ion:112 Resp: 1210171
Ion Ratio Lower Upper
112 100
64 62.2 52.2 78.4
63 30.7 25.4 38.0



#6
Aniline
Concen: 43.421 ng
RT: 7.262 min Scan# 710
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion: 93 Resp: 842827
Ion Ratio Lower Upper
93 100
66 37.5 31.7 47.5
65 20.2 16.7 25.1



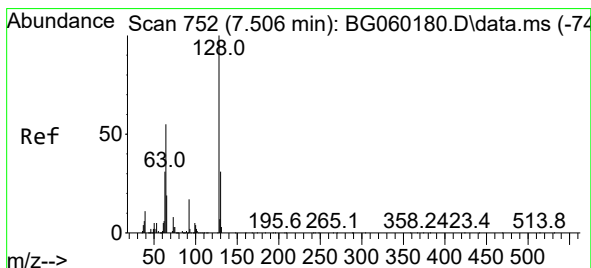
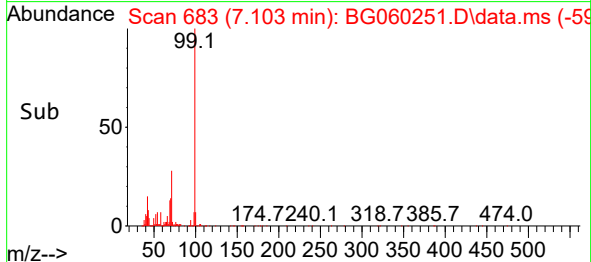
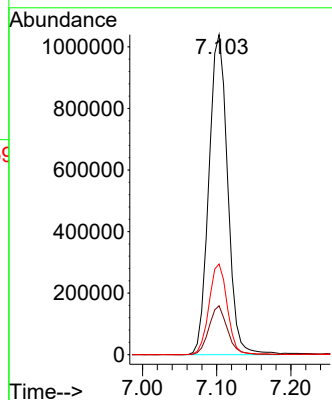
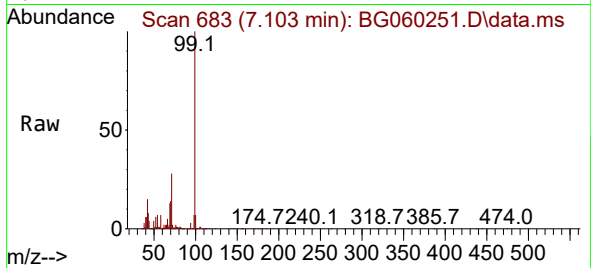


#7
Phenol-d6
Concen: 94.377 ng
RT: 7.103 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

Tgt Ion: 99 Resp: 1828386

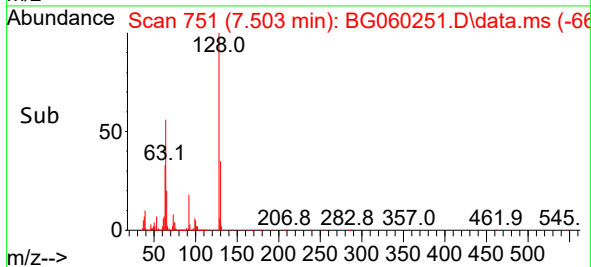
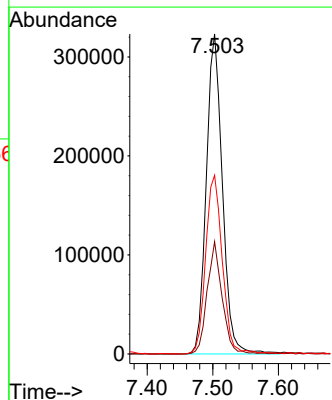
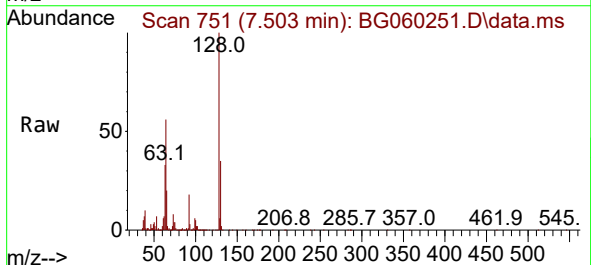
Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.5	18.7
71	28.3	24.1	36.1

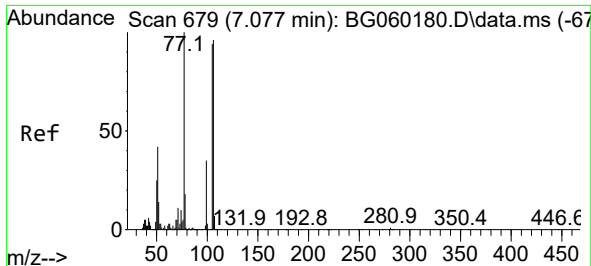


#8
2-Chlorophenol
Concen: 44.071 ng
RT: 7.503 min Scan# 751
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion: 128 Resp: 552648

Ion	Ratio	Lower	Upper
128	100		
130	35.1	11.3	51.3
64	55.8	36.4	76.4

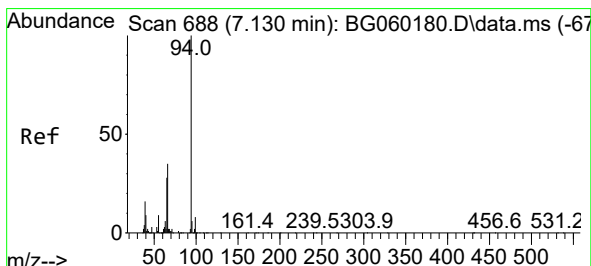
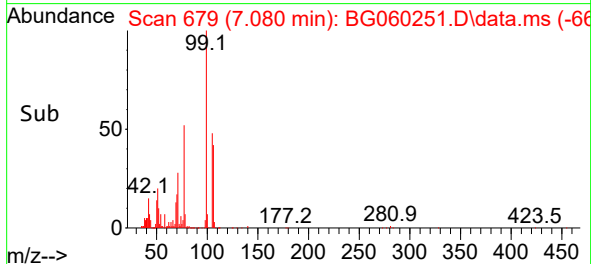
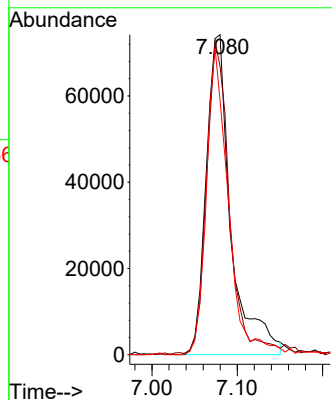
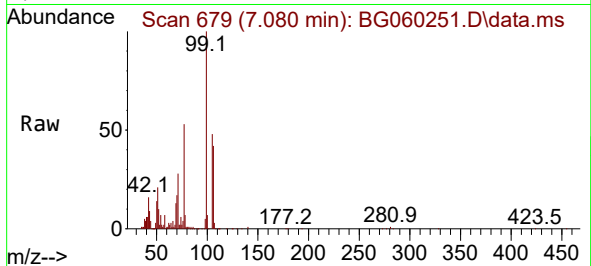




#9
Benzaldehyde
Concen: 12.850 ng
RT: 7.080 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

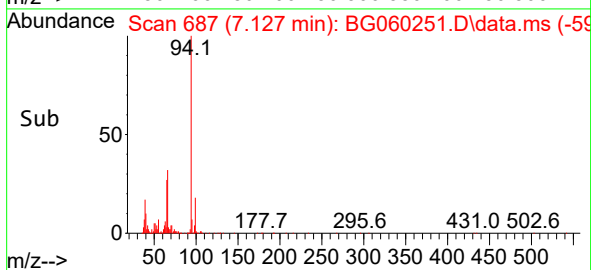
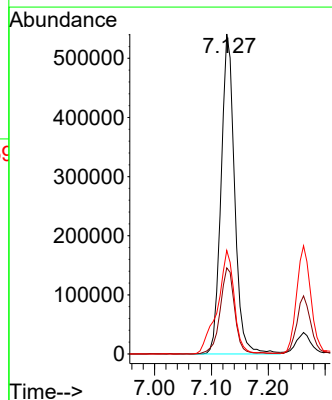
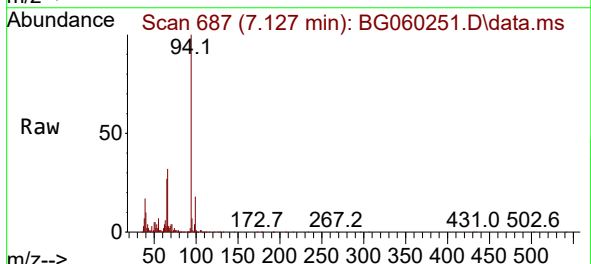
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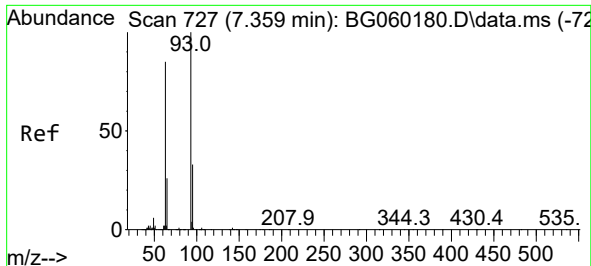
Tgt Ion: 77 Resp: 149669
Ion Ratio Lower Upper
77 100
105 90.2 73.8 113.8
106 79.6 76.2 116.2



#10
Phenol
Concen: 45.979 ng
RT: 7.127 min Scan# 687
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion: 94 Resp: 898263
Ion Ratio Lower Upper
94 100
65 26.9 8.4 48.4
66 32.3 15.0 55.0

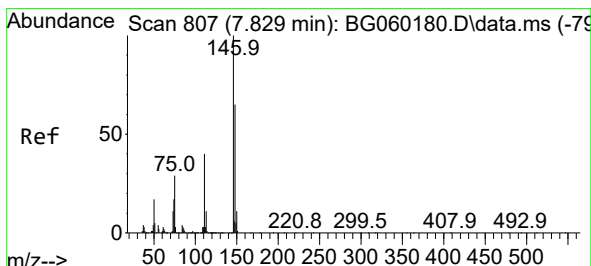
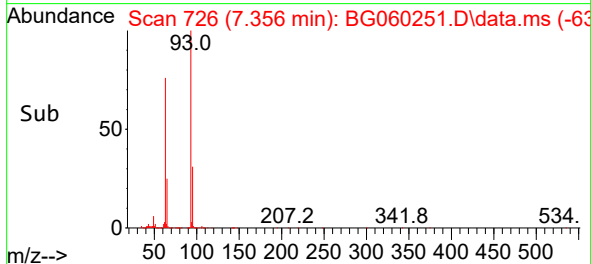
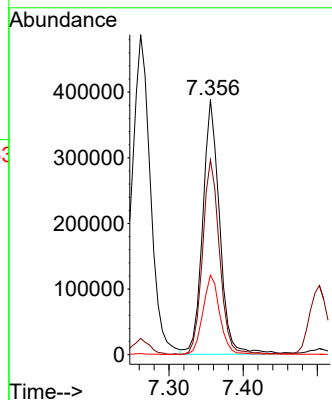
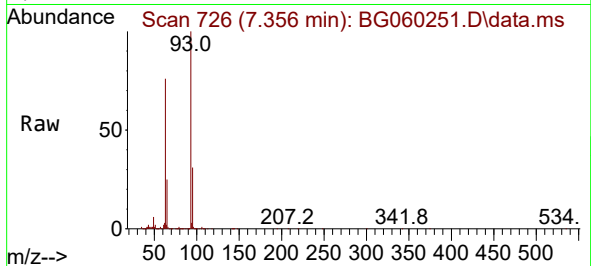




#11
bis(2-Chloroethyl)ether
Concen: 38.921 ng
RT: 7.356 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

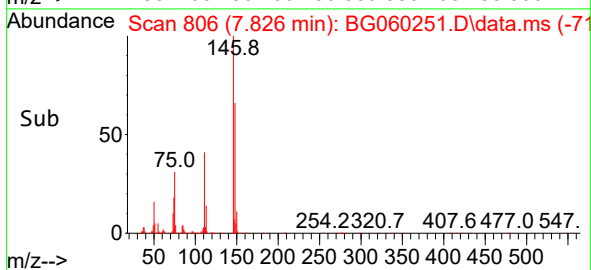
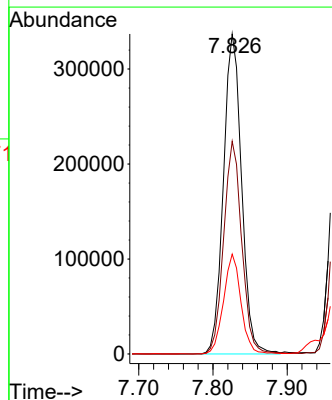
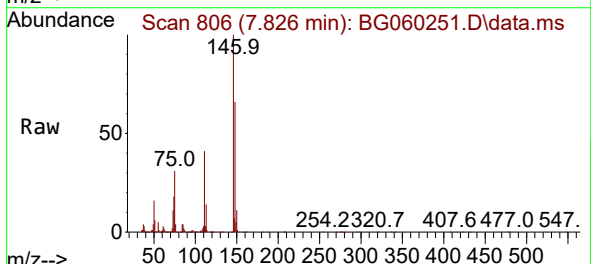
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

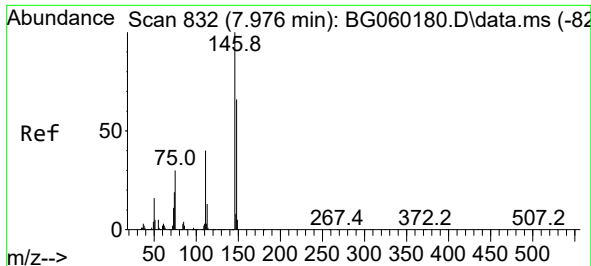
Tgt Ion: 93 Resp: 615300
Ion Ratio Lower Upper
93 100
63 76.3 63.8 103.8
95 31.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 36.989 ng
RT: 7.826 min Scan# 806
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:146 Resp: 572589
Ion Ratio Lower Upper
146 100
148 66.4 52.2 78.4
75 31.2 23.4 35.2

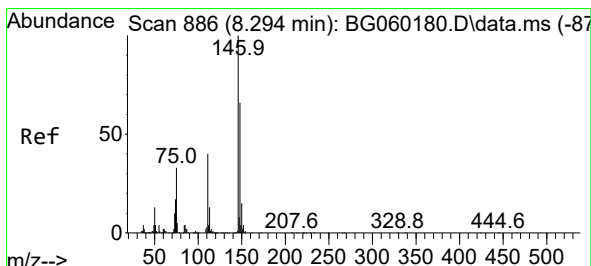
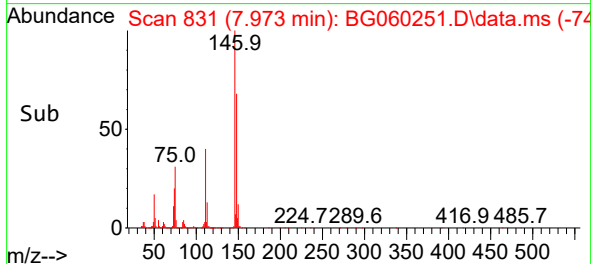
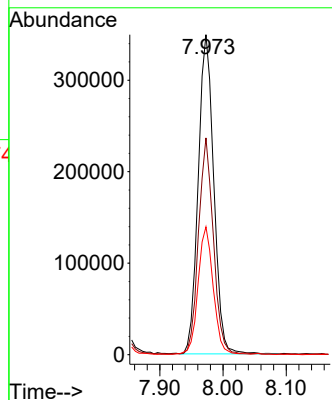
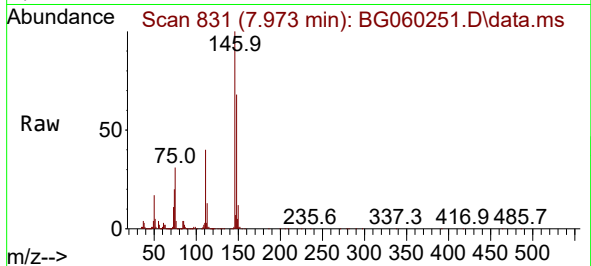




#13
1,4-Dichlorobenzene
Concen: 37.997 ng
RT: 7.973 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

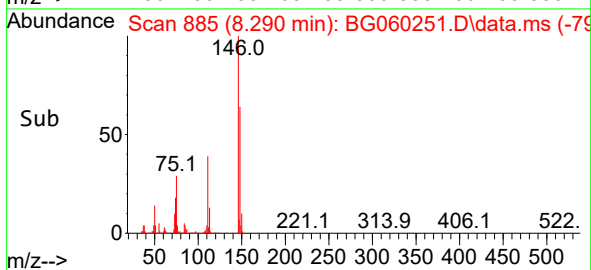
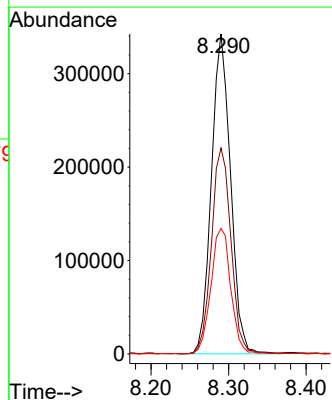
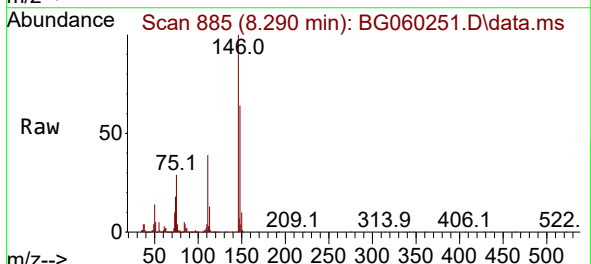
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

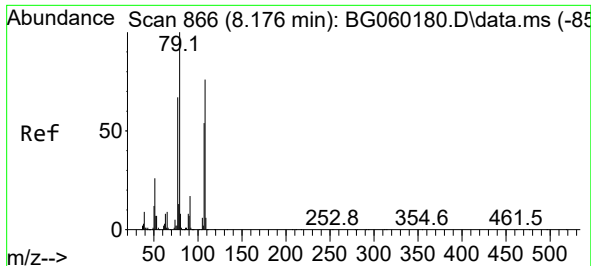
Tgt Ion:146 Resp: 594655
Ion Ratio Lower Upper
146 100
148 67.8 53.0 79.4
111 40.0 32.0 48.0



#14
1,2-Dichlorobenzene
Concen: 38.361 ng
RT: 8.290 min Scan# 885
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:146 Resp: 586904
Ion Ratio Lower Upper
146 100
148 64.3 52.9 79.3
111 39.2 31.8 47.8

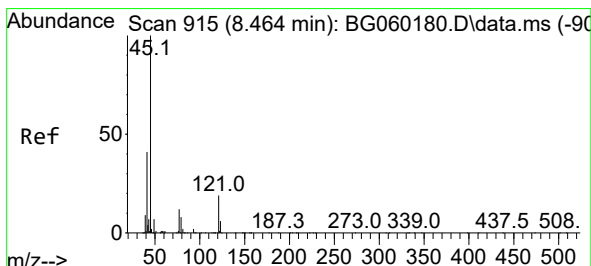
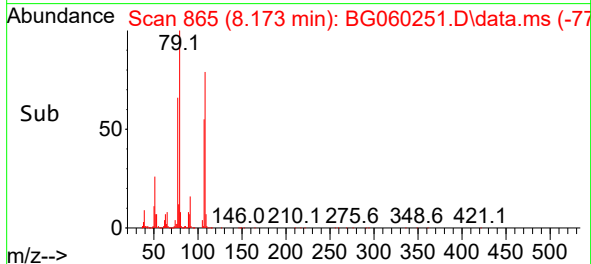
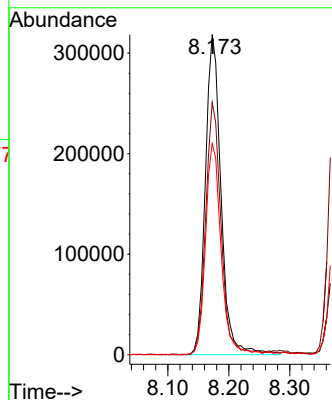
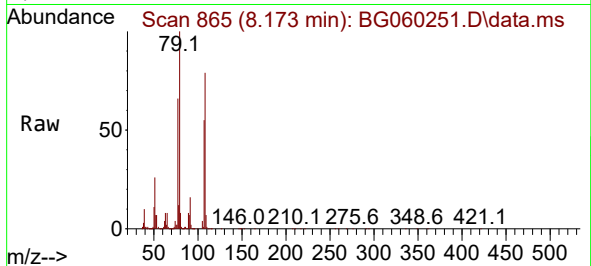




#15
Benzyl Alcohol
Concen: 47.257 ng
RT: 8.173 min Scan# 866
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

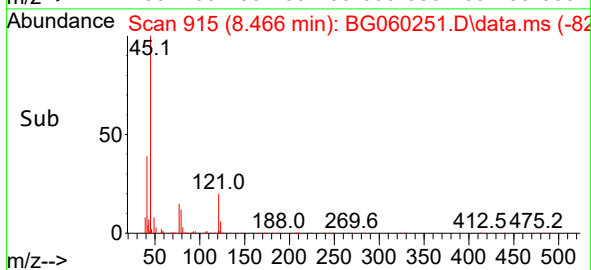
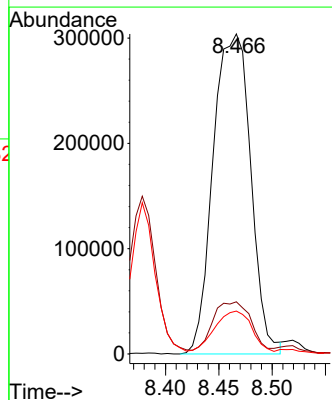
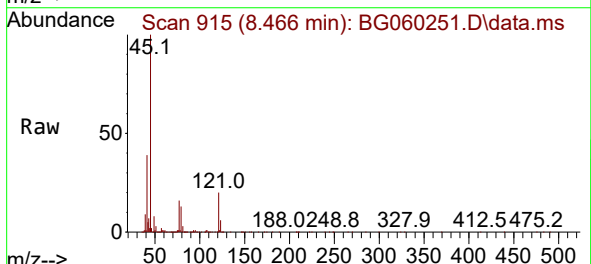
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

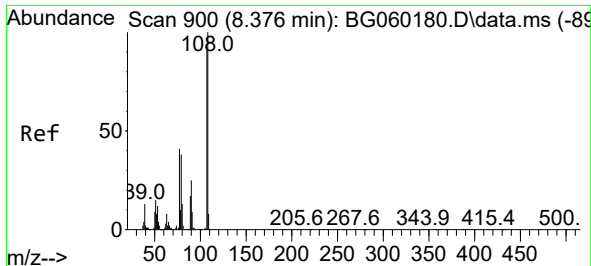
Tgt Ion: 79 Resp: 568267
Ion Ratio Lower Upper
79 100
108 78.8 60.6 91.0
77 65.9 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.674 ng
RT: 8.466 min Scan# 915
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion: 45 Resp: 744091
Ion Ratio Lower Upper
45 100
77 16.3 0.0 35.5
79 13.4 0.0 31.5

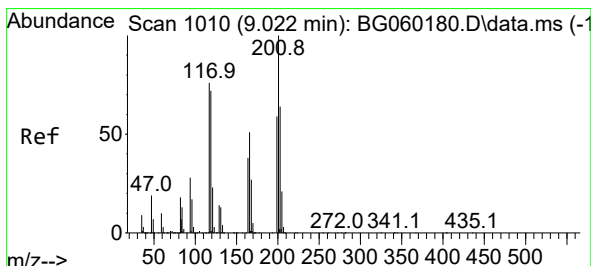
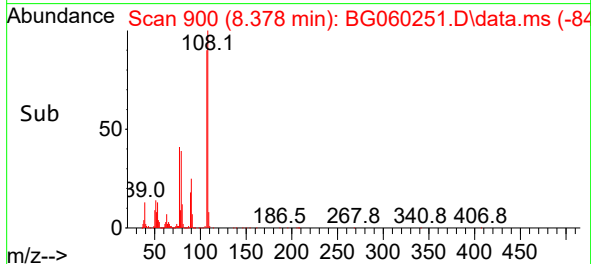
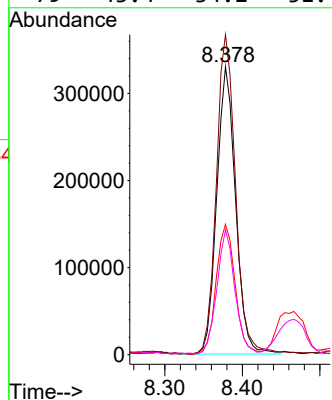
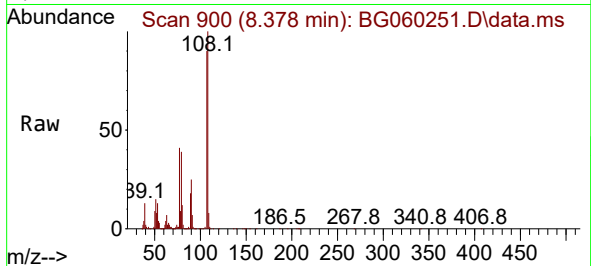




#17
2-Methylphenol
Concen: 45.687 ng
RT: 8.378 min Scan# 90
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

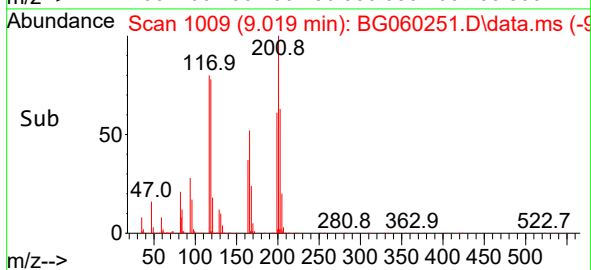
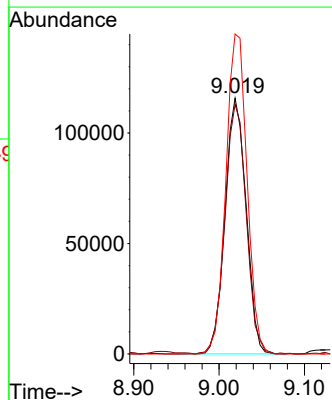
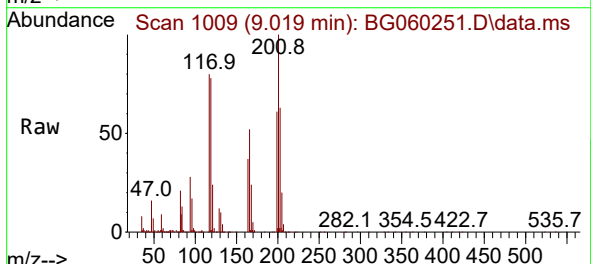
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

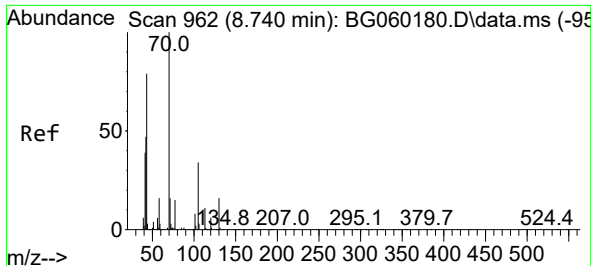
Tgt Ion:	107	Resp:	558891
Ion	Ratio	Lower	Upper
107	100		
108	111.2	88.7	133.1
77	45.3	36.4	54.6
79	43.4	34.2	51.4



#18
Hexachloroethane
Concen: 40.424 ng
RT: 9.019 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:	117	Resp:	199243
Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.0	114.0
201	125.1	107.5	161.3

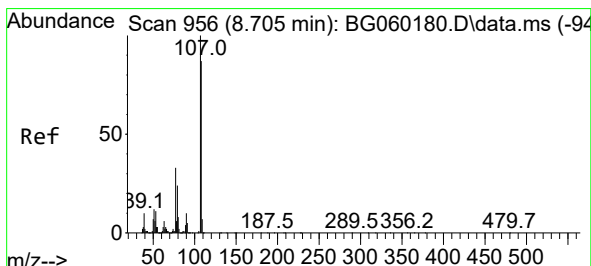
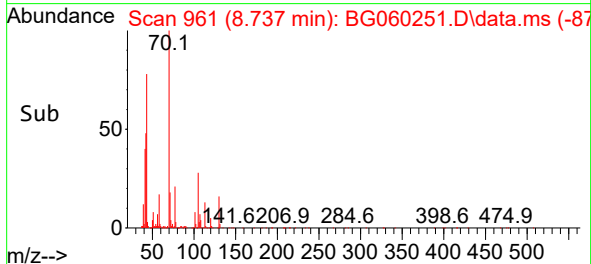
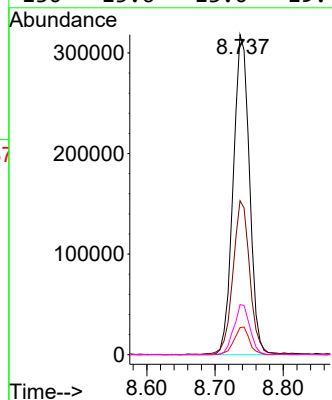
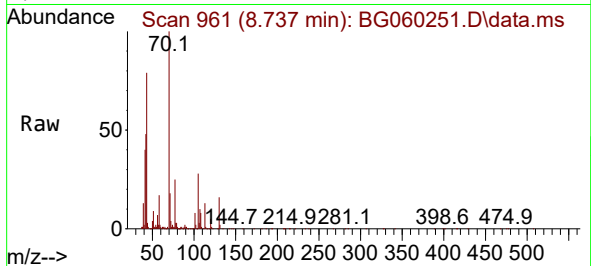




#19
n-Nitroso-di-n-propylamine
Concen: 39.948 ng
RT: 8.737 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

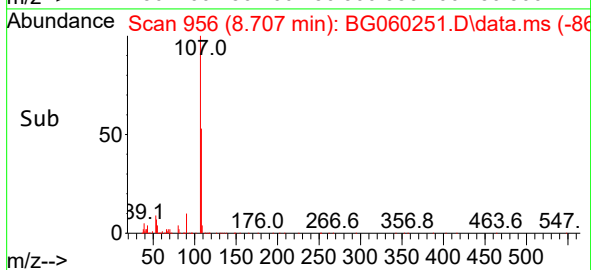
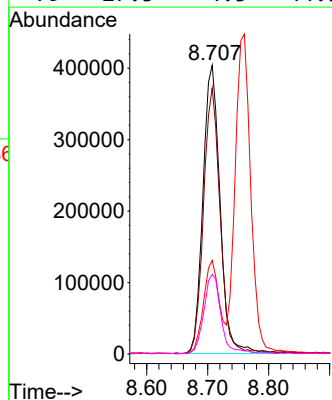
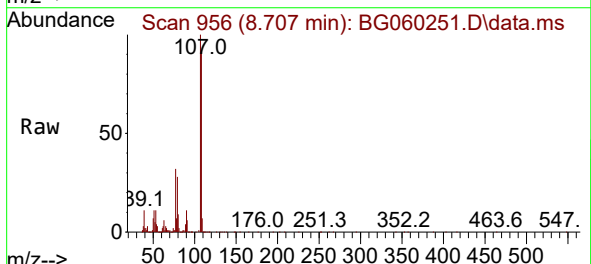
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

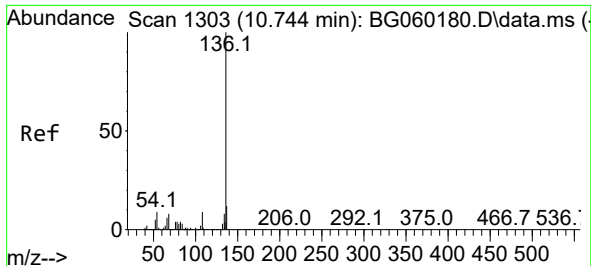
Tgt Ion: 70 Resp: 528707
Ion Ratio Lower Upper
70 100
42 48.1 37.9 56.9
101 8.4 6.2 9.2
130 15.6 13.0 19.4



#20
3+4-Methylphenols
Concen: 45.482 ng
RT: 8.707 min Scan# 956
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion: 107 Resp: 788555
Ion Ratio Lower Upper
107 100
108 92.2 67.4 107.4
77 32.4 12.8 52.8
79 27.5 4.5 44.5

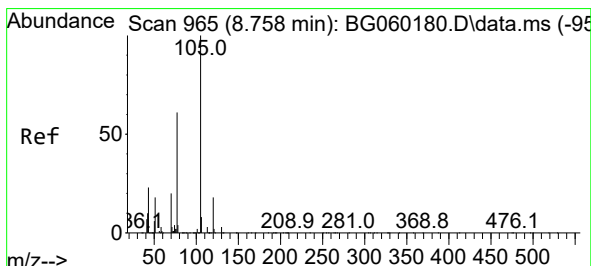
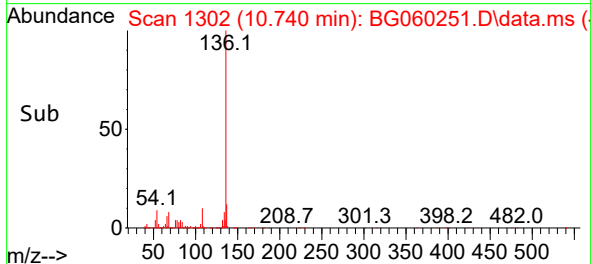
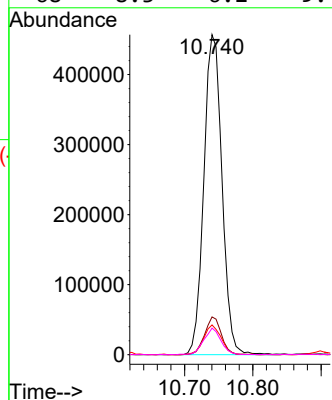
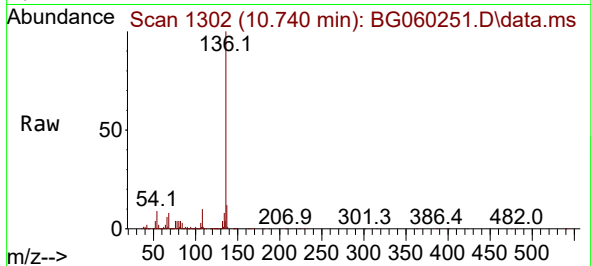




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1303
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

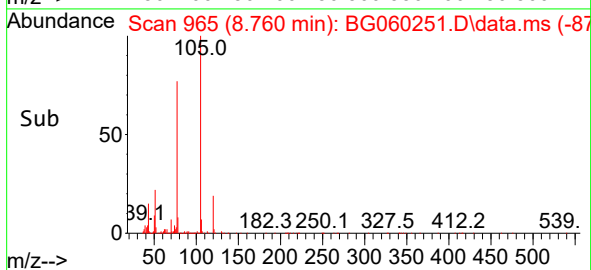
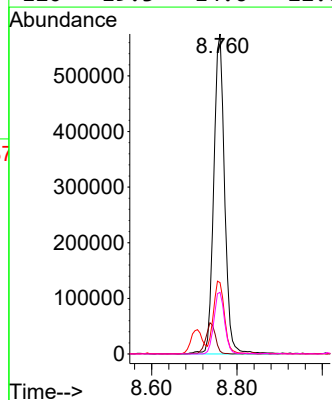
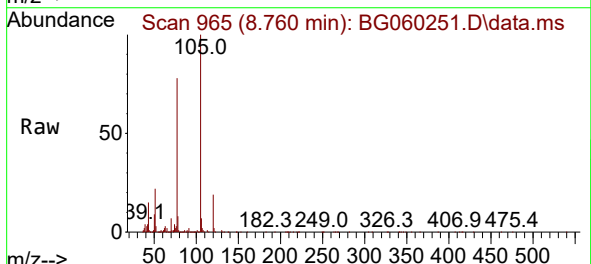
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

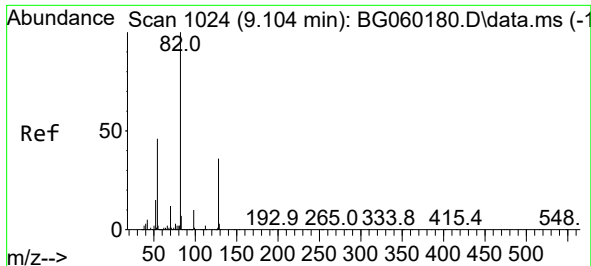
Tgt Ion:	136	Resp:	845980
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.4	14.0
54	9.3	7.4	11.2
68	8.3	6.2	9.4



#22
Acetophenone
Concen: 40.601 ng
RT: 8.760 min Scan# 965
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:	105	Resp:	1017663
Ion Ratio	Lower	Upper	
105	100		
71	0.9	2.6	3.8
51	22.3	20.0	30.0
120	19.3	14.6	22.0





#23

Nitrobenzene-d5

Concen: 55.958 ng

RT: 9.101 min Scan# 1024

Delta R.T. -0.004 min

Lab File: BG060251.D

Acq: 4 Jan 2024 19:01

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MS

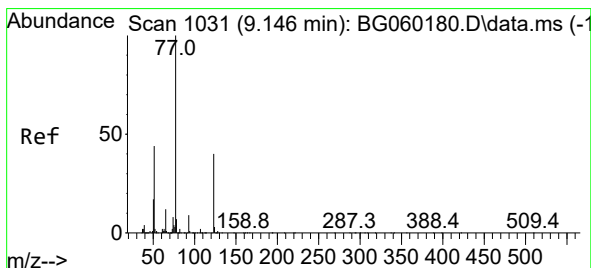
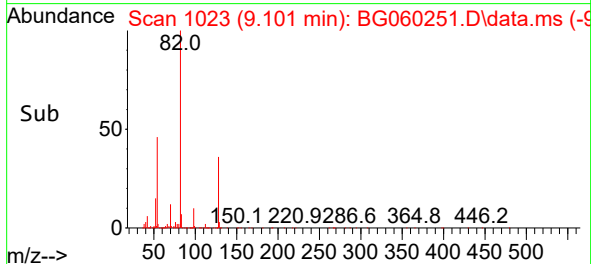
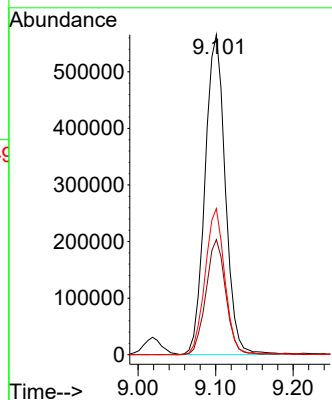
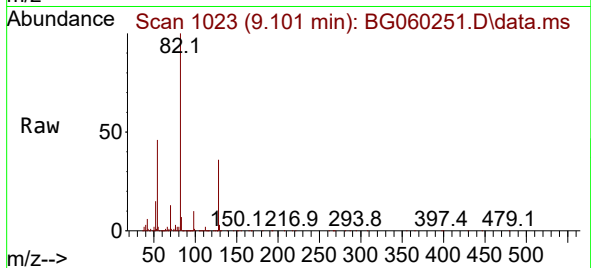
Tgt Ion: 82 Resp: 1024893

Ion Ratio Lower Upper

82 100

128 36.0 28.7 43.1

54 45.7 36.9 55.3



#24

Nitrobenzene

Concen: 39.355 ng

RT: 9.142 min Scan# 1030

Delta R.T. -0.004 min

Lab File: BG060251.D

Acq: 4 Jan 2024 19:01

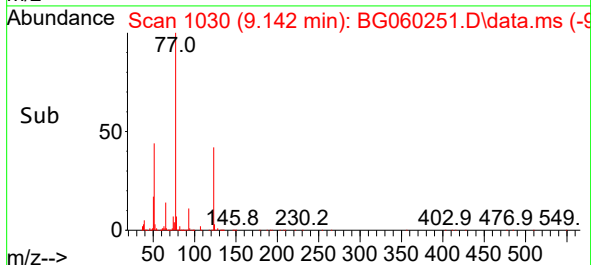
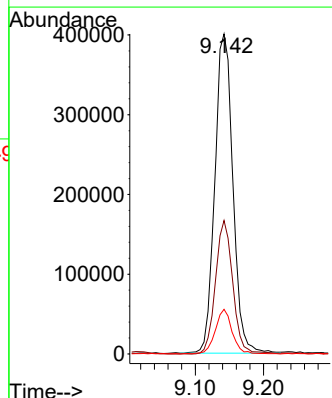
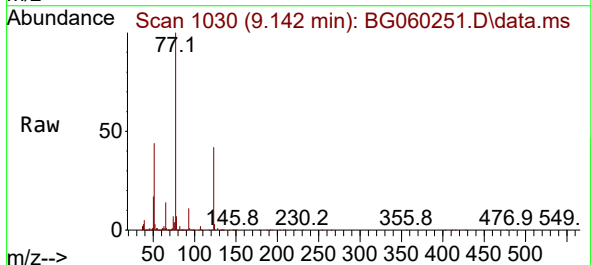
Tgt Ion: 77 Resp: 737471

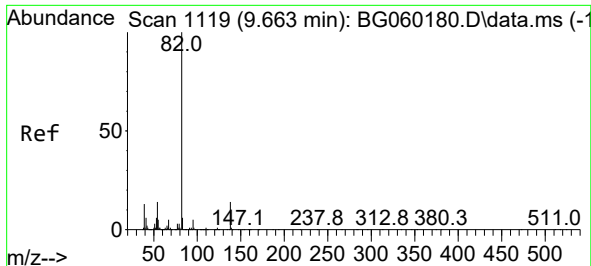
Ion Ratio Lower Upper

77 100

123 41.7 31.9 47.9

65 14.0 9.9 14.9

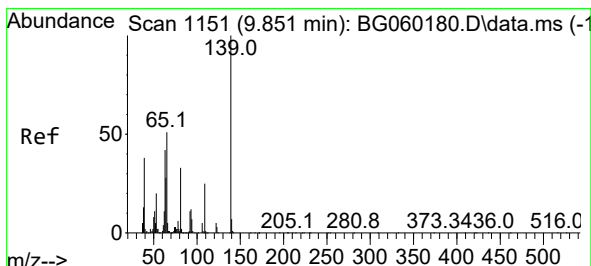
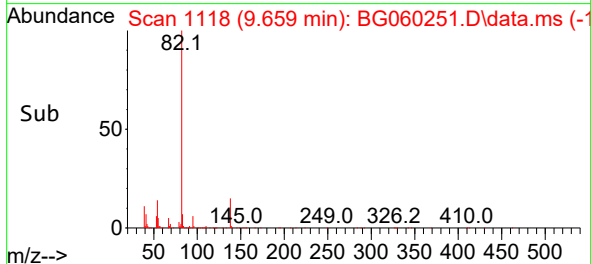
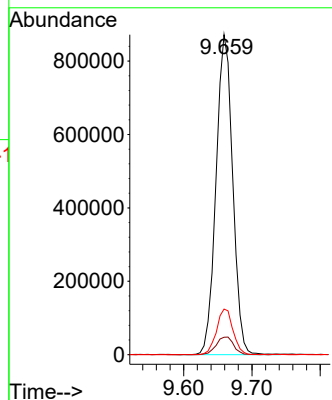
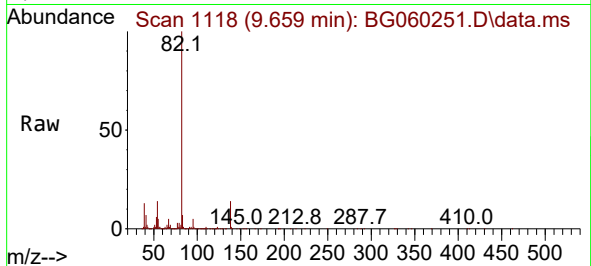




#25
Isophorone
Concen: 38.639 ng
RT: 9.659 min Scan# 1118
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

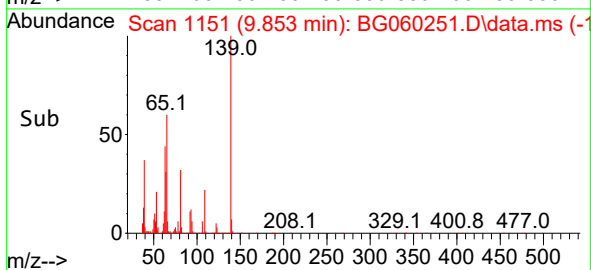
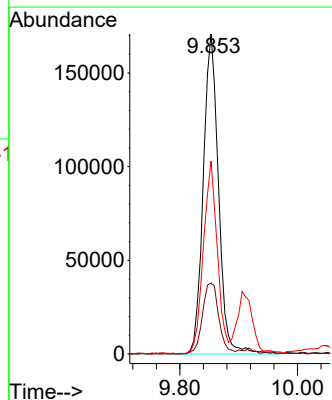
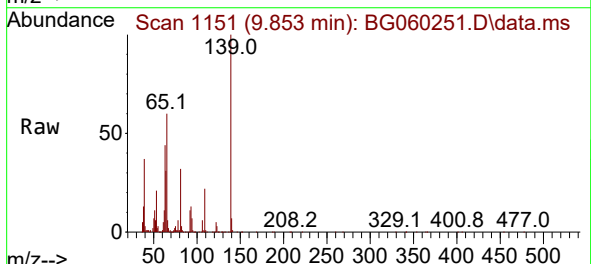
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

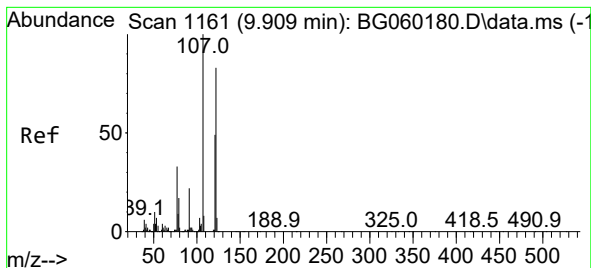
Tgt Ion: 82 Resp: 1480626
Ion Ratio Lower Upper
82 100
95 5.5 4.4 6.6
138 14.2 11.5 17.3



#26
2-Nitrophenol
Concen: 46.958 ng
RT: 9.853 min Scan# 1151
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion: 139 Resp: 307061
Ion Ratio Lower Upper
139 100
109 22.2 19.8 29.8
65 60.3 40.8 61.2

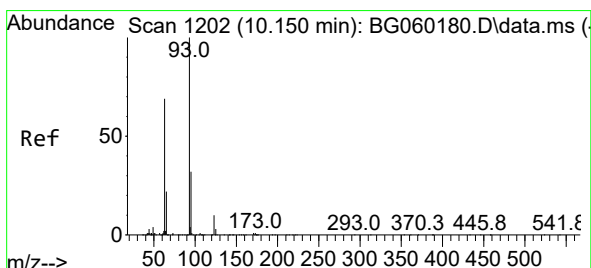
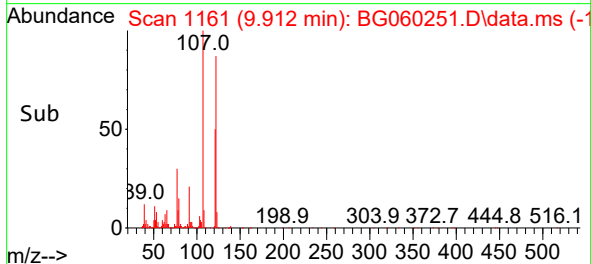
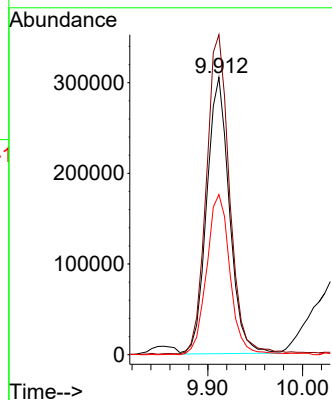
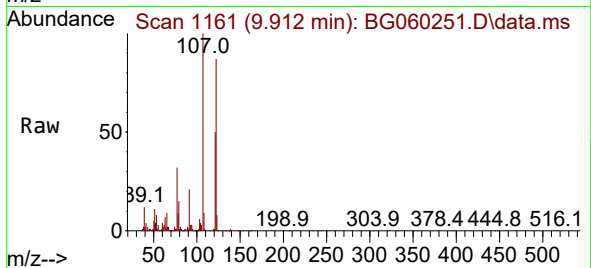




#27
2,4-Dimethylphenol
Concen: 54.660 ng
RT: 9.912 min Scan# 1161
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

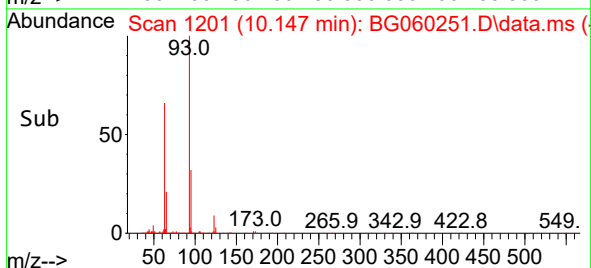
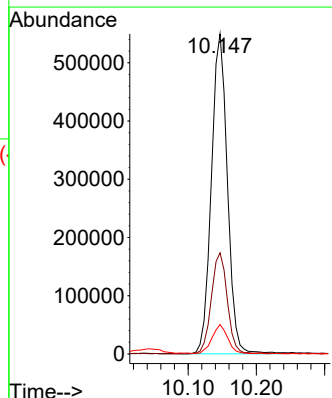
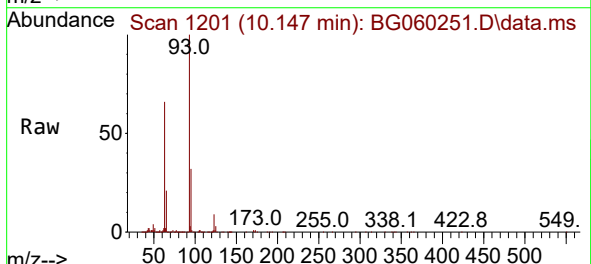
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

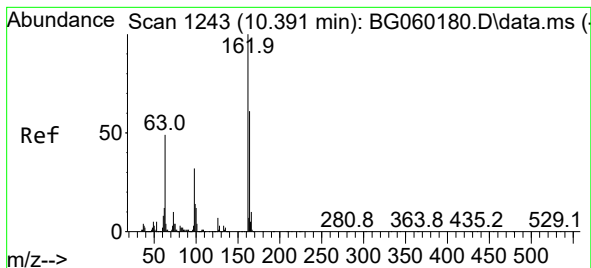
Tgt Ion:122 Resp: 506287
Ion Ratio Lower Upper
122 100
107 115.4 95.8 143.6
121 57.8 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 40.024 ng
RT: 10.147 min Scan# 1201
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion: 93 Resp: 898281
Ion Ratio Lower Upper
93 100
95 31.6 25.8 38.6
123 9.2 7.8 11.6

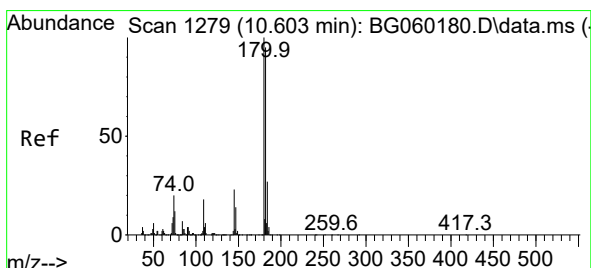
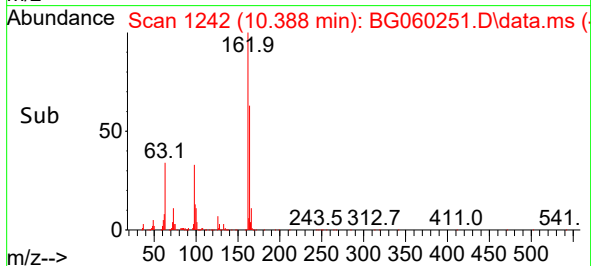
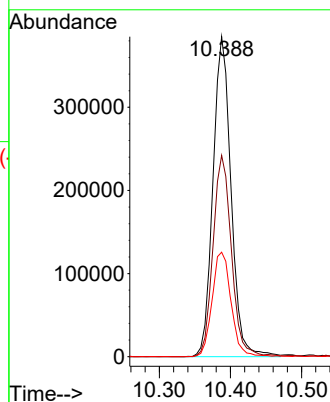
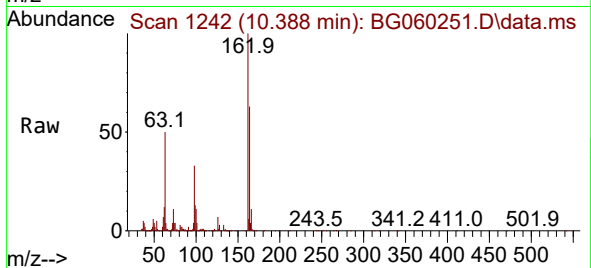




#29
2,4-Dichlorophenol
Concen: 46.373 ng
RT: 10.388 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

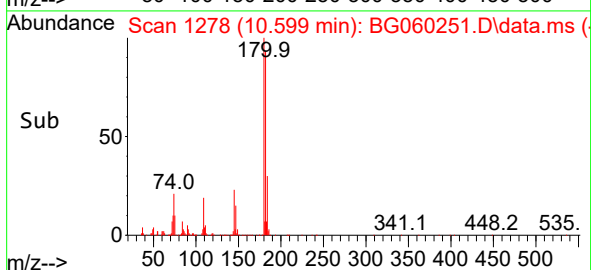
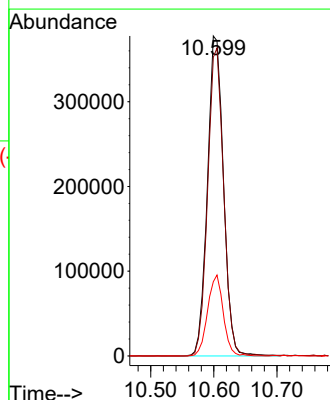
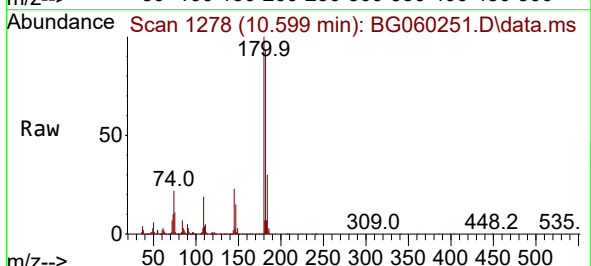
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

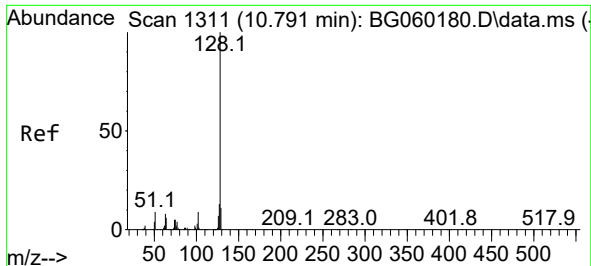
Tgt Ion:162 Resp: 678842
Ion Ratio Lower Upper
162 100
164 62.9 40.7 80.7
98 32.7 11.7 51.7



#30
1,2,4-Trichlorobenzene
Concen: 37.435 ng
RT: 10.599 min Scan# 1278
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:180 Resp: 667001
Ion Ratio Lower Upper
180 100
182 93.4 75.7 113.5
145 23.2 18.4 27.6

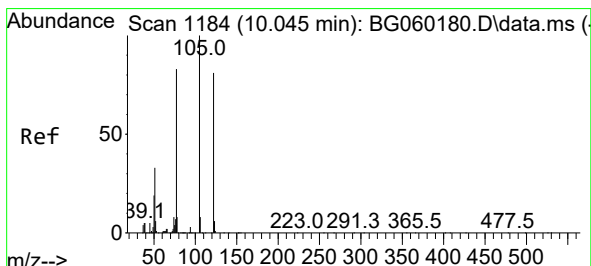
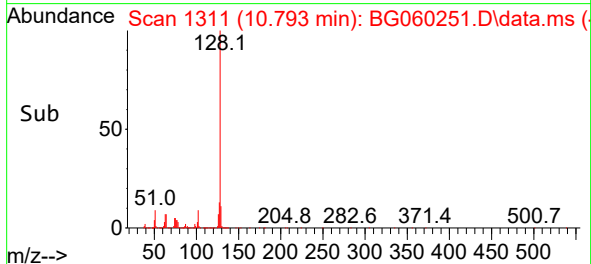
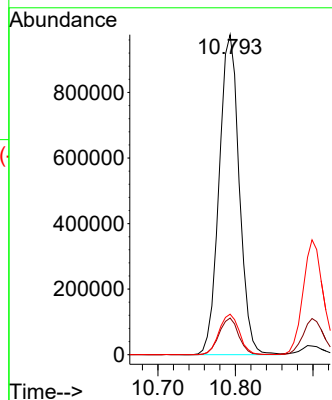
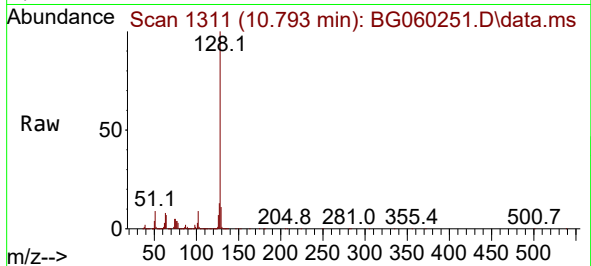




#31
Naphthalene
Concen: 39.466 ng
RT: 10.793 min Scan# 1184
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

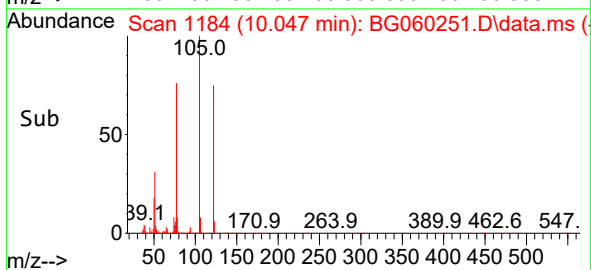
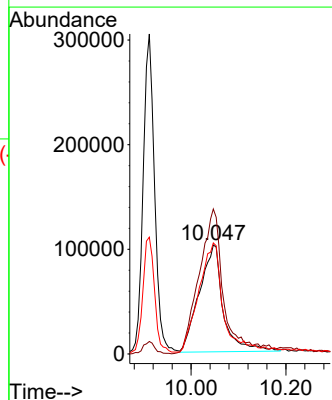
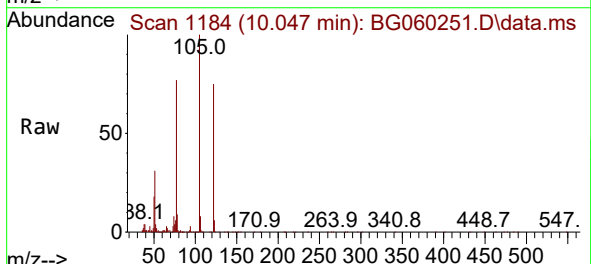
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

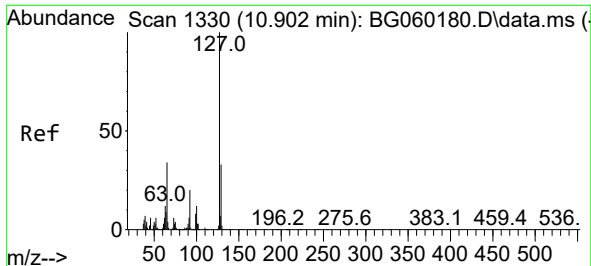
Tgt Ion:128 Resp: 1762627
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 12.7 10.6 16.0



#32
Benzoic acid
Concen: 44.258 ng
RT: 10.047 min Scan# 1184
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:122 Resp: 357915
Ion Ratio Lower Upper
122 100
105 133.1 99.2 139.2
77 102.0 81.0 121.0

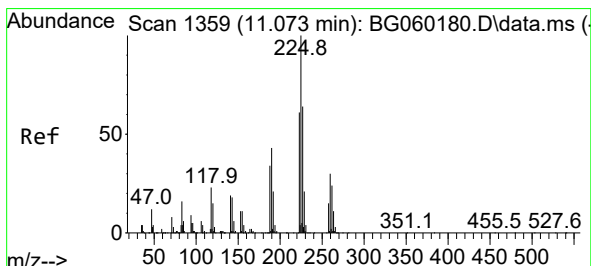
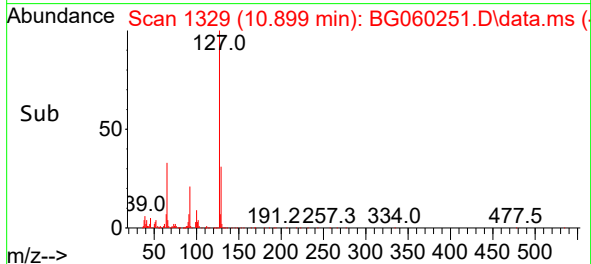
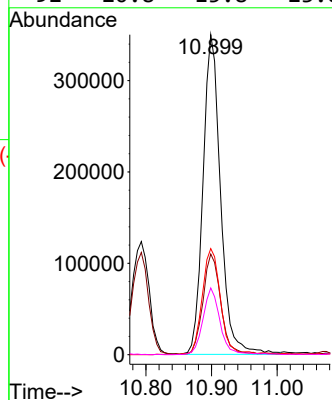
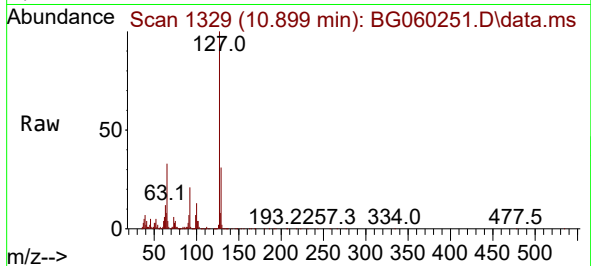




#33
4-Chloroaniline
Concen: 37.423 ng
RT: 10.899 min Scan# 1329
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

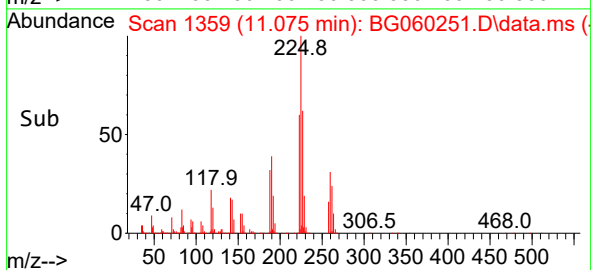
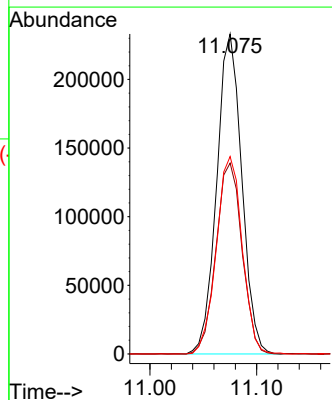
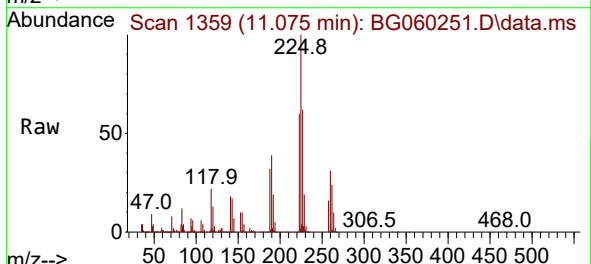
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

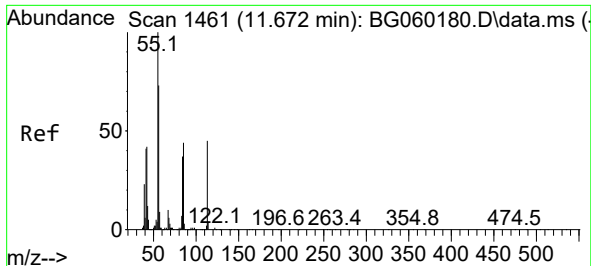
Tgt Ion:	127	Resp:	652746
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.0	39.0
65	33.1	27.4	41.0
92	20.8	15.8	23.8



#34
Hexachlorobutadiene
Concen: 35.907 ng
RT: 11.075 min Scan# 1359
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:	225	Resp:	380502
Ion	Ratio	Lower	Upper
225	100		
223	59.6	49.0	73.6
227	59.3	51.0	76.4

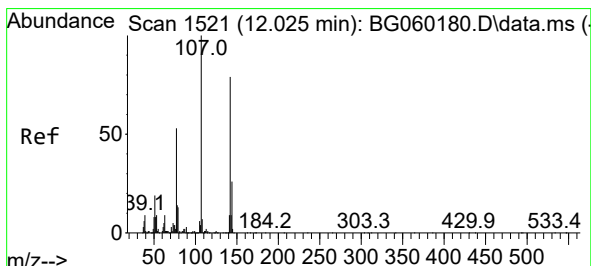
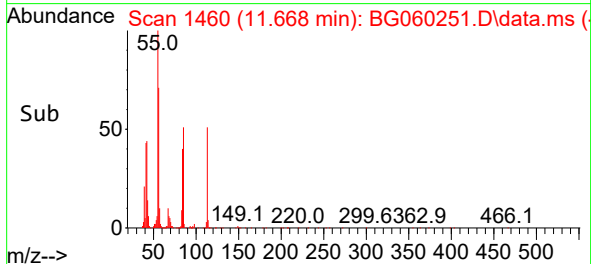
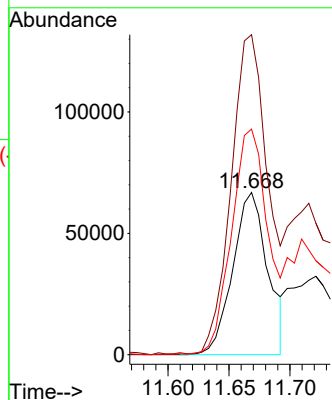
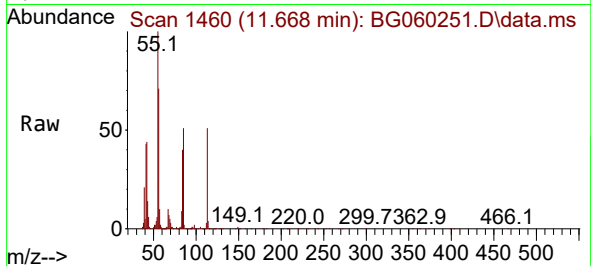




#35
Caprolactam
Concen: 27.328 ng
RT: 11.668 min Scan# 1460
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

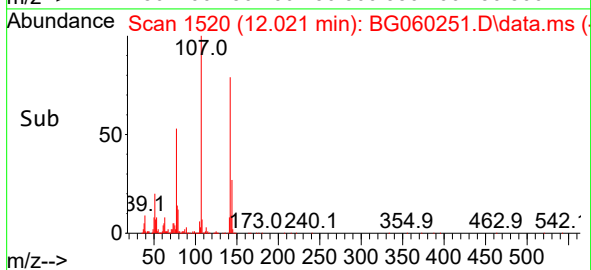
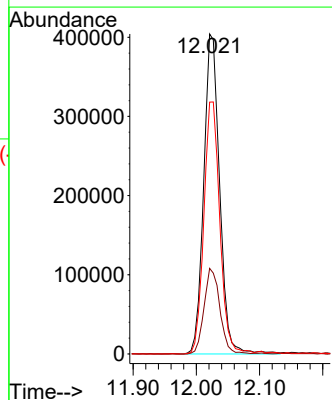
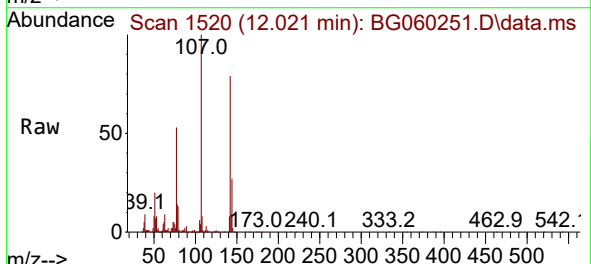
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

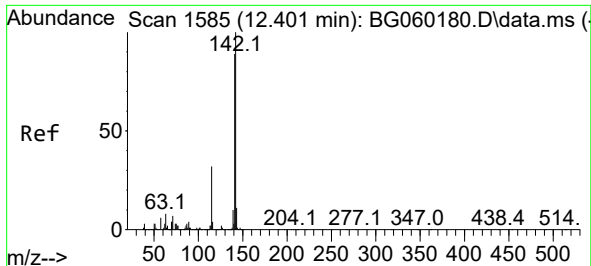
Tgt Ion:113 Resp: 133073
Ion Ratio Lower Upper
113 100
55 197.2 202.1 242.1#
56 139.1 142.4 182.4#



#36
4-Chloro-3-methylphenol
Concen: 46.900 ng
RT: 12.021 min Scan# 1520
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:107 Resp: 706577
Ion Ratio Lower Upper
107 100
144 26.7 20.8 31.2
142 78.7 63.4 95.2





#37

2-Methylnaphthalene

Concen: 40.788 ng

RT: 12.403 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG060251.D

Acq: 4 Jan 2024 19:01

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MS

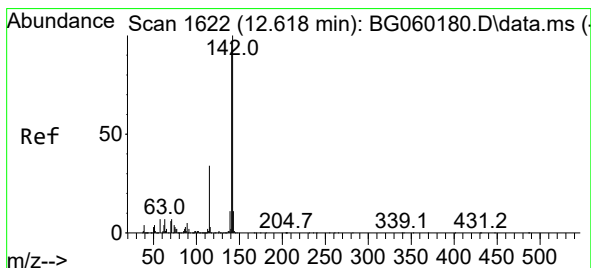
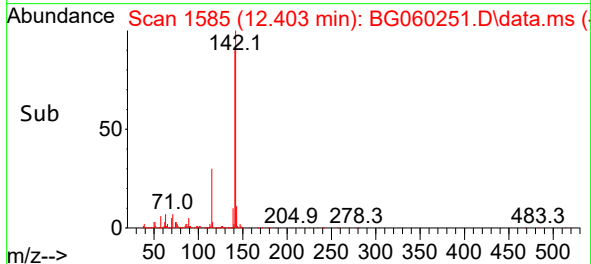
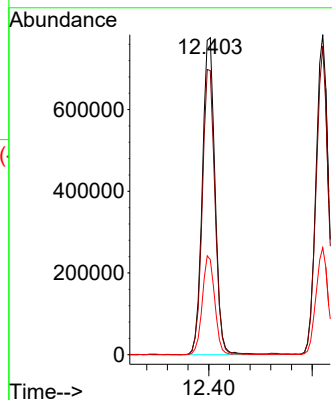
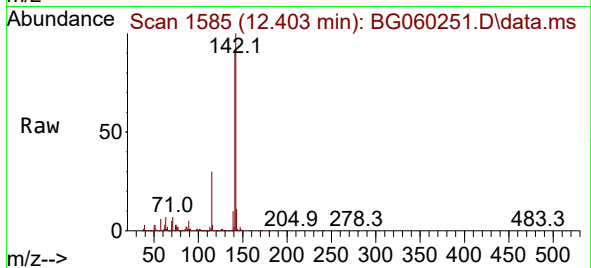
Tgt Ion:142 Resp: 1315817

Ion Ratio Lower Upper

142 100

141 89.6 71.1 106.7

115 30.0 25.5 38.3



#38

1-Methylnaphthalene

Concen: 39.739 ng

RT: 12.620 min Scan# 1622

Delta R.T. 0.002 min

Lab File: BG060251.D

Acq: 4 Jan 2024 19:01

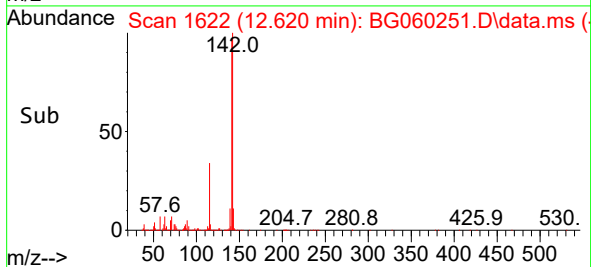
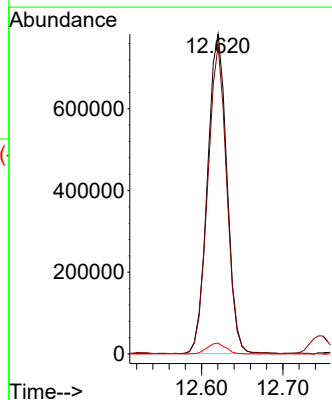
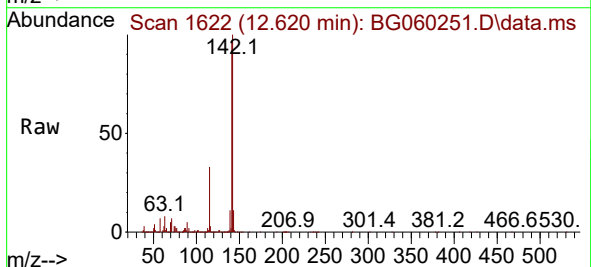
Tgt Ion:142 Resp: 1296145

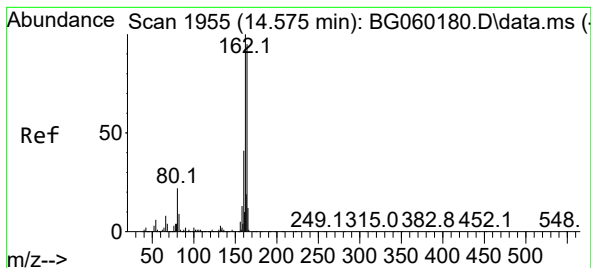
Ion Ratio Lower Upper

142 100

141 96.3 76.6 114.8

116 3.4 2.6 3.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.577 min Scan# 1955

Delta R.T. 0.002 min

Lab File: BG060251.D

Acq: 4 Jan 2024 19:01

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MS

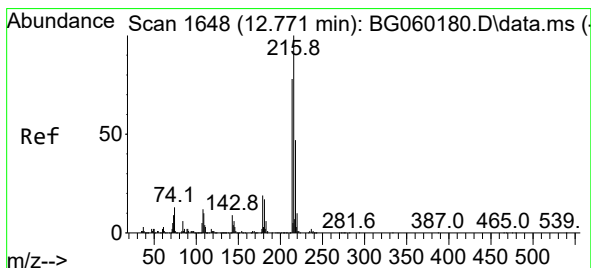
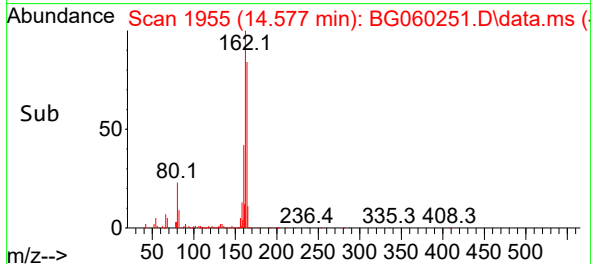
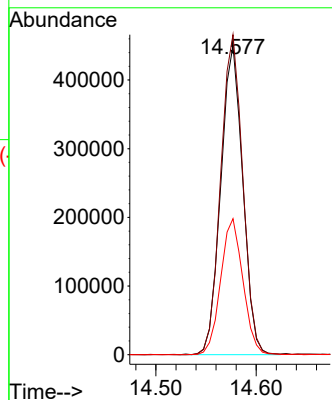
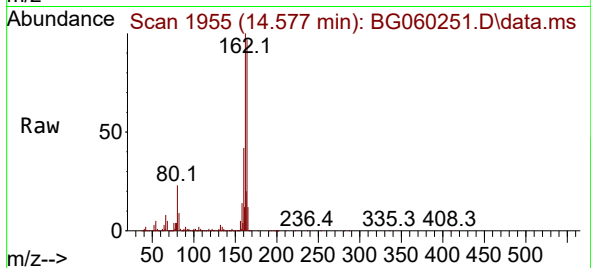
Tgt Ion:164 Resp: 683962

Ion Ratio Lower Upper

164 100

162 103.4 83.9 125.9

160 43.9 34.2 51.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.846 ng

RT: 12.767 min Scan# 1647

Delta R.T. -0.004 min

Lab File: BG060251.D

Acq: 4 Jan 2024 19:01

Tgt Ion:216 Resp: 851057

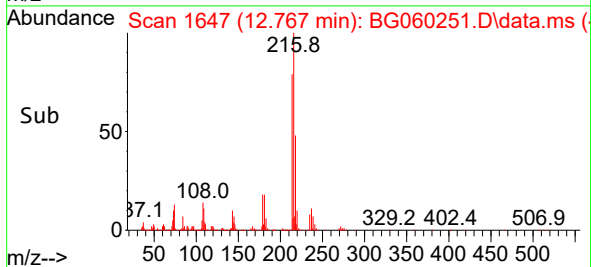
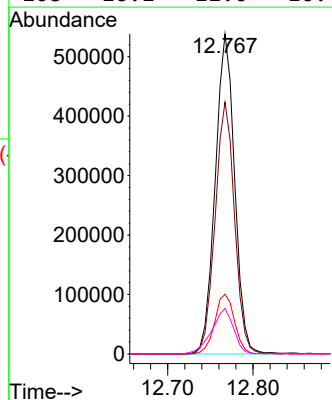
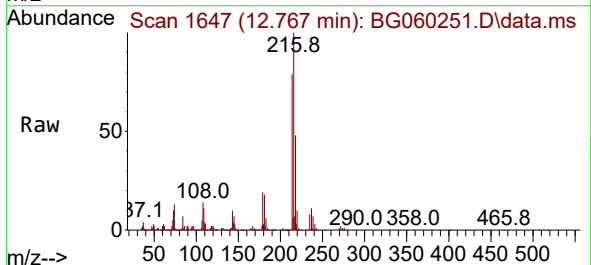
Ion Ratio Lower Upper

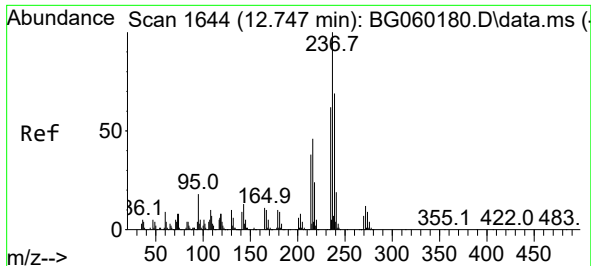
216 100

214 78.9 63.4 95.0

179 19.1 15.2 22.8

108 16.1 11.0 16.4

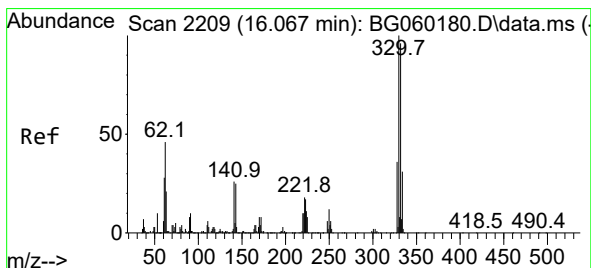
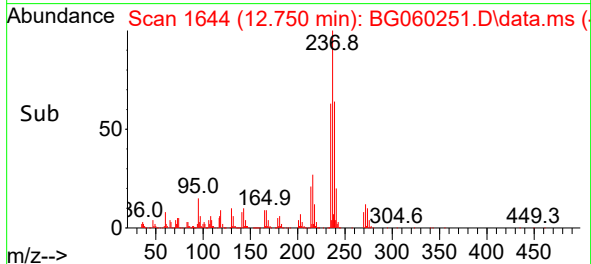
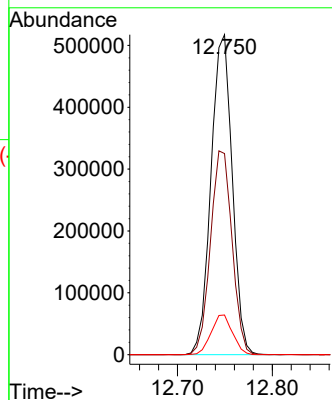
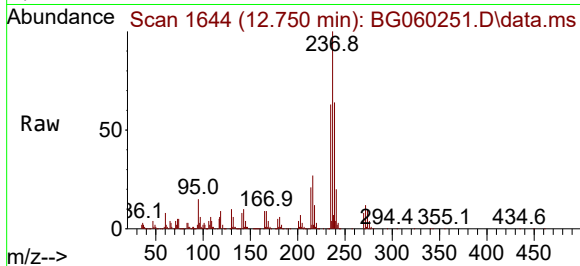




#41
Hexachlorocyclopentadiene
Concen: 113.527 ng
RT: 12.750 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

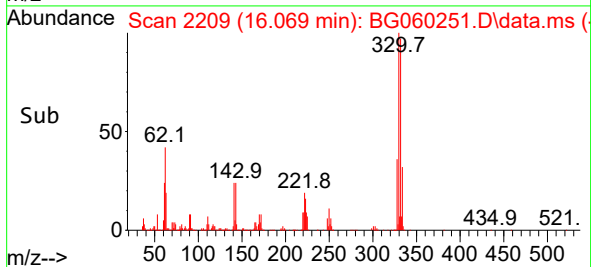
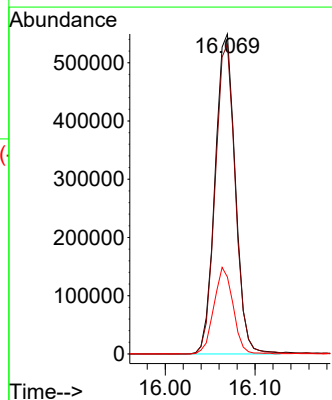
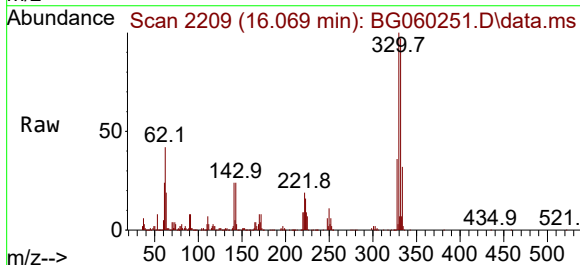
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

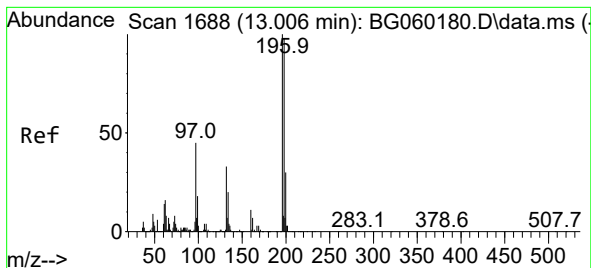
Tgt Ion:237 Resp: 803939
Ion Ratio Lower Upper
237 100
235 62.8 42.2 82.2
272 12.4 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 93.762 ng
RT: 16.069 min Scan# 2209
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:330 Resp: 858438
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 25.7 21.0 31.4





#43

2,4,6-Trichlorophenol

Concen: 42.744 ng

RT: 13.002 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG060251.D

Acq: 4 Jan 2024 19:01

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MS

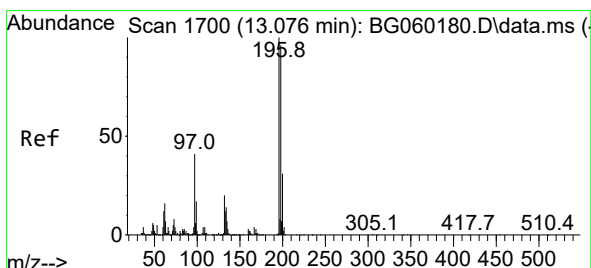
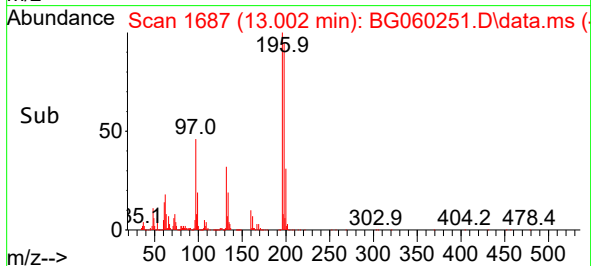
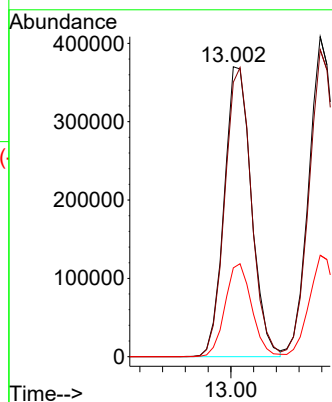
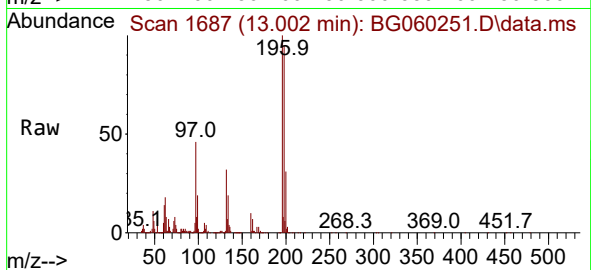
Tgt Ion:196 Resp: 615389

Ion Ratio Lower Upper

196 100

198 94.7 78.3 117.5

200 30.7 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 43.253 ng

RT: 13.079 min Scan# 1700

Delta R.T. 0.002 min

Lab File: BG060251.D

Acq: 4 Jan 2024 19:01

Tgt Ion:196 Resp: 696611

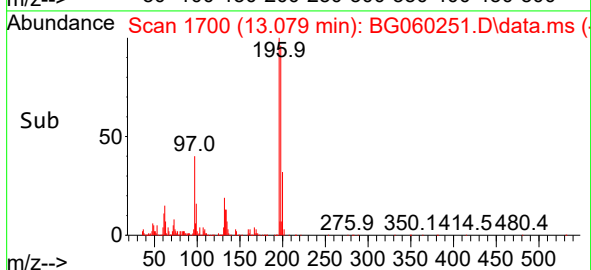
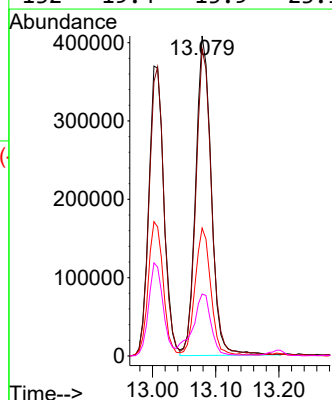
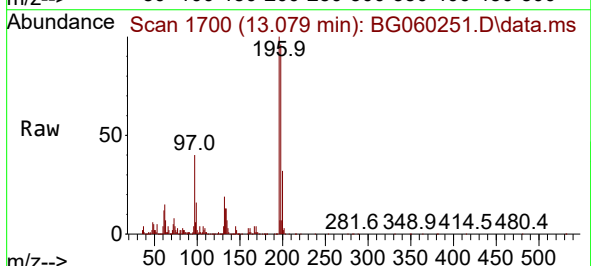
Ion Ratio Lower Upper

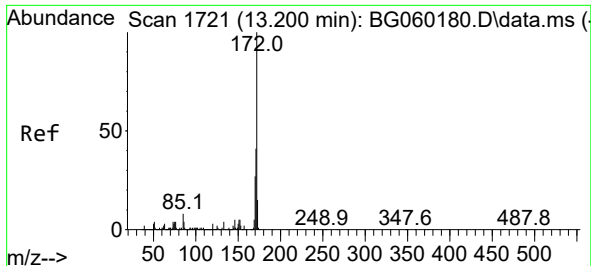
196 100

198 96.0 76.6 115.0

97 39.9 32.9 49.3

132 19.4 15.9 23.9

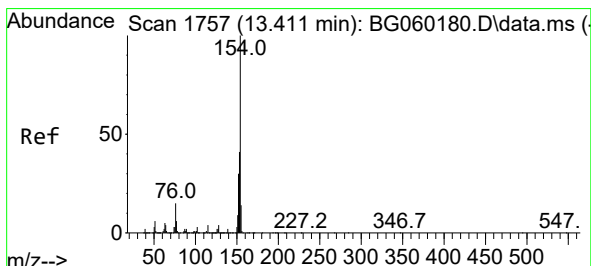
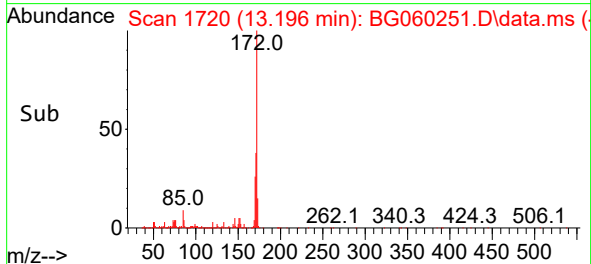
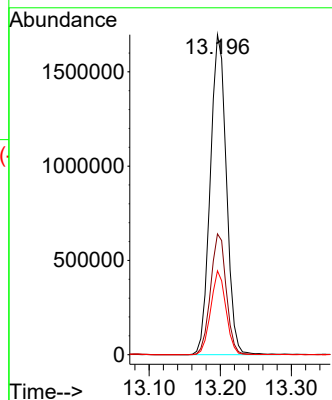
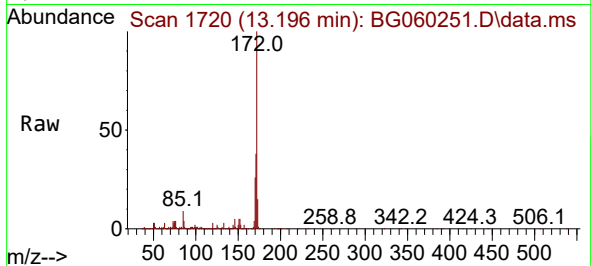




#45
2-Fluorobiphenyl
Concen: 56.106 ng
RT: 13.196 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

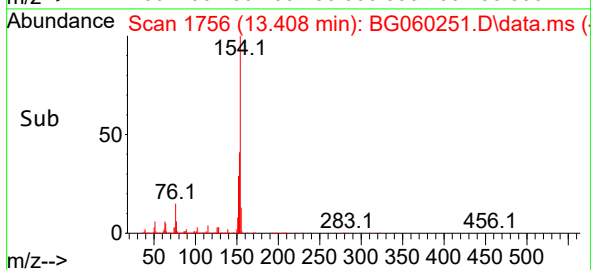
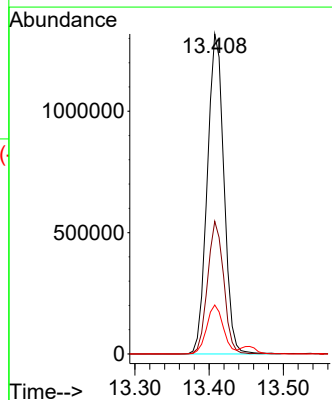
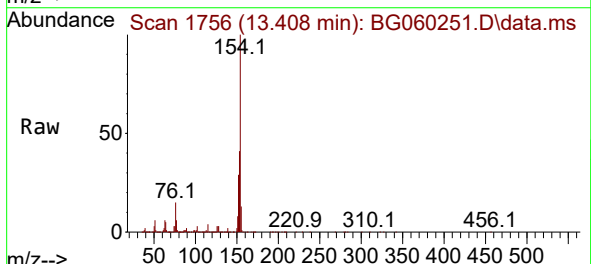
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

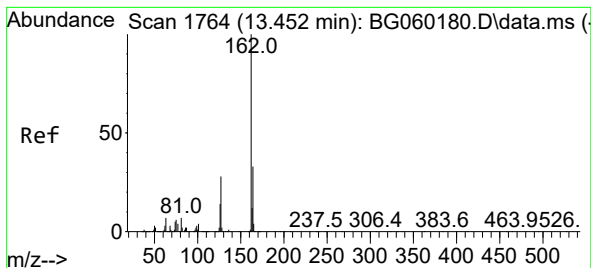
Tgt Ion:172 Resp: 2670030
Ion Ratio Lower Upper
172 100
171 37.7 32.6 48.8
170 26.2 21.8 32.6



#46
1,1'-Biphenyl
Concen: 40.807 ng
RT: 13.408 min Scan# 1756
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:154 Resp: 2053460
Ion Ratio Lower Upper
154 100
153 41.5 20.9 60.9
76 15.3 0.0 35.4

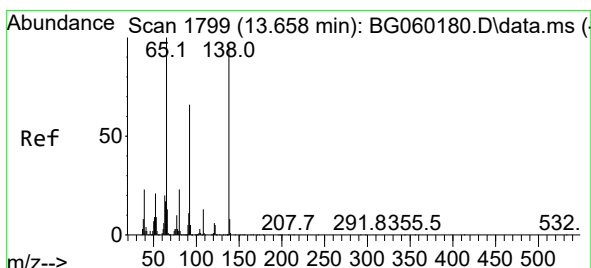
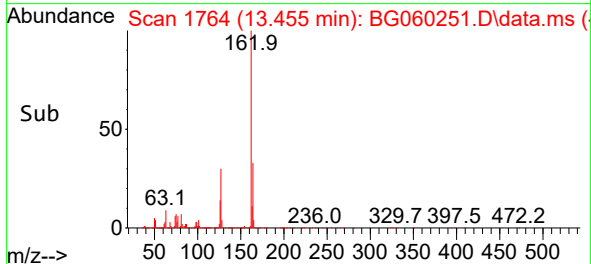
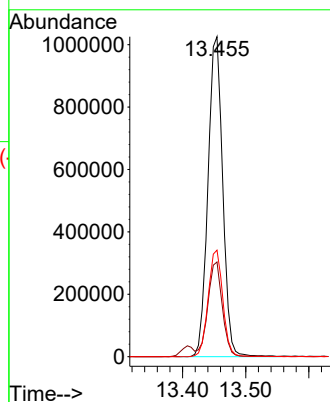
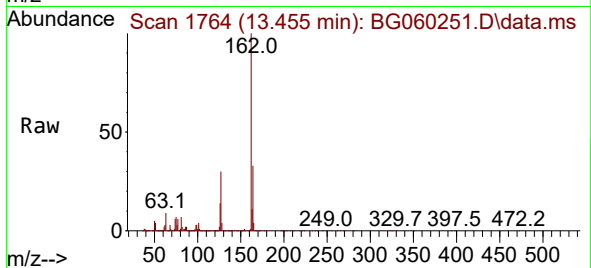




#47
2-Chloronaphthalene
Concen: 38.744 ng
RT: 13.455 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

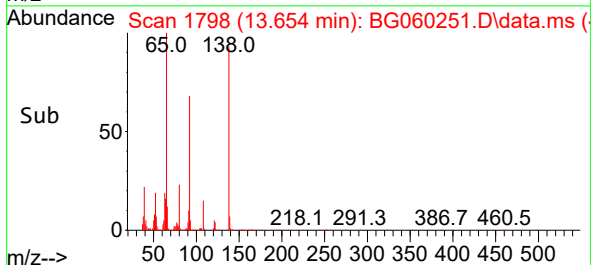
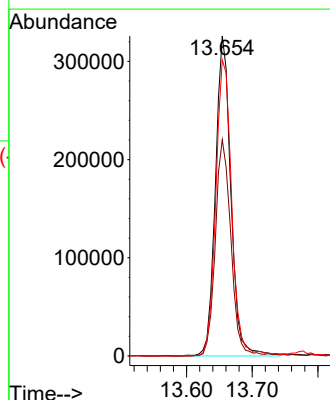
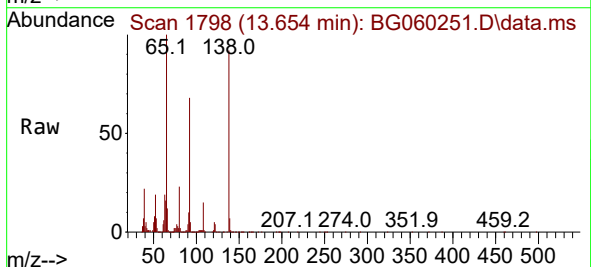
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

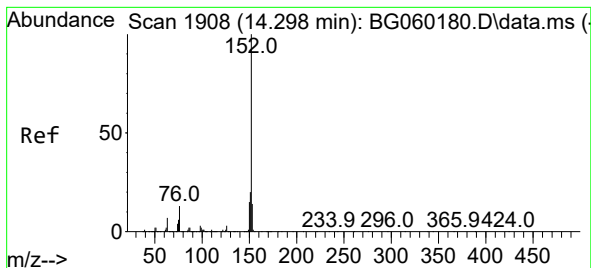
Tgt Ion:162 Resp: 1661085
Ion Ratio Lower Upper
162 100
127 29.6 23.0 34.6
164 33.3 26.7 40.1



#48
2-Nitroaniline
Concen: 47.270 ng
RT: 13.654 min Scan# 1798
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion: 65 Resp: 529627
Ion Ratio Lower Upper
65 100
92 67.6 52.9 79.3
138 92.5 76.4 114.6





#49

Acenaphthylene

Concen: 43.579 ng

RT: 14.301 min Scan# 1908

Delta R.T. 0.003 min

Lab File: BG060251.D

Acq: 4 Jan 2024 19:01

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MS

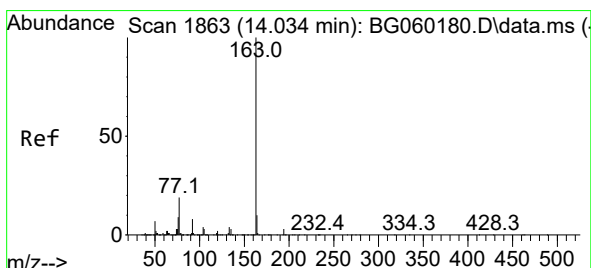
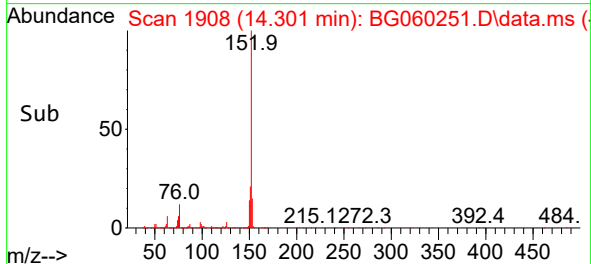
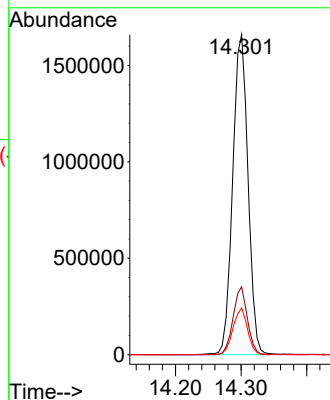
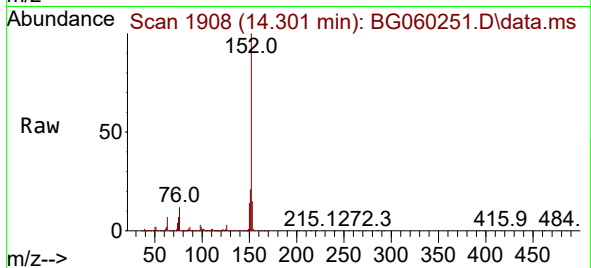
Tgt Ion:152 Resp: 2691966

Ion Ratio Lower Upper

152 100

151 21.2 15.8 23.6

153 14.6 11.0 16.6



#50

Dimethylphthalate

Concen: 40.911 ng

RT: 14.030 min Scan# 1862

Delta R.T. -0.004 min

Lab File: BG060251.D

Acq: 4 Jan 2024 19:01

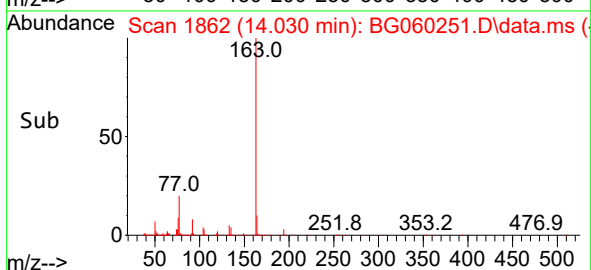
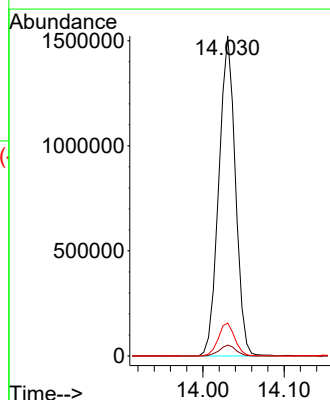
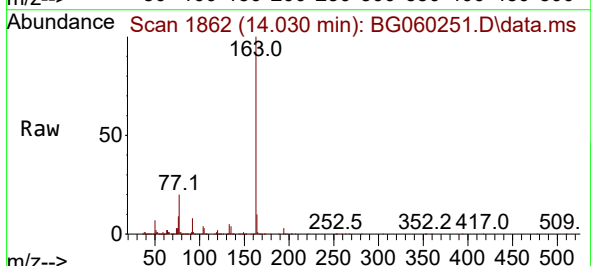
Tgt Ion:163 Resp: 2160406

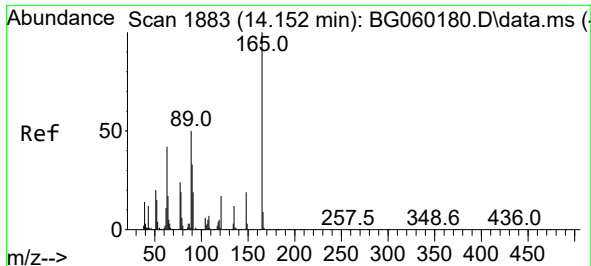
Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

164 10.3 8.3 12.5

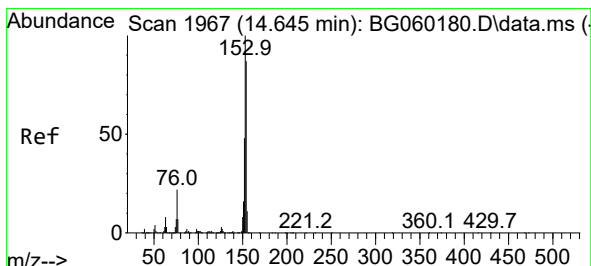
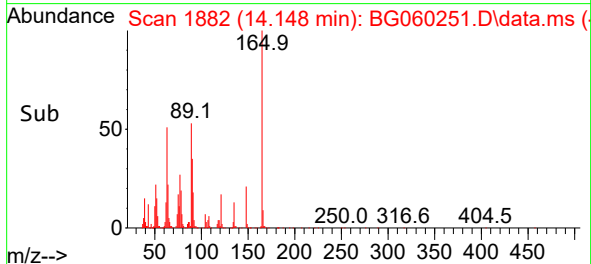
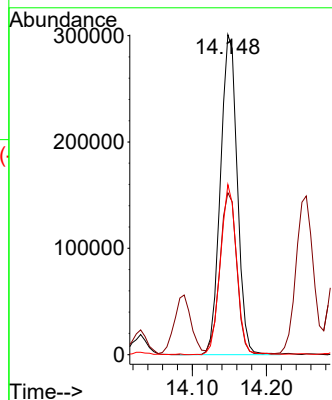
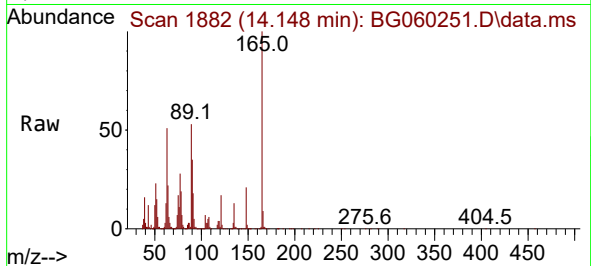




#51
2,6-Dinitrotoluene
Concen: 43.187 ng
RT: 14.148 min Scan# 1882
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

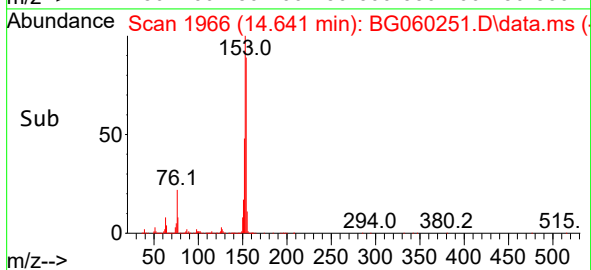
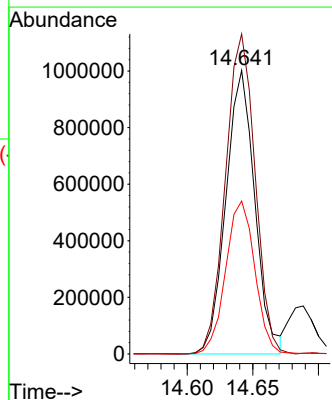
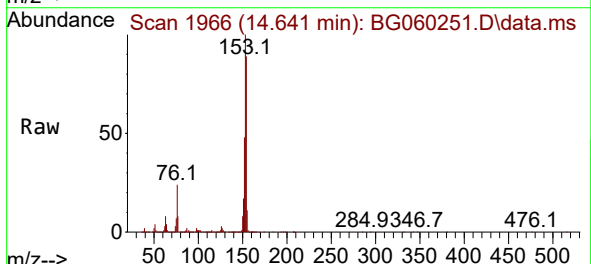
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

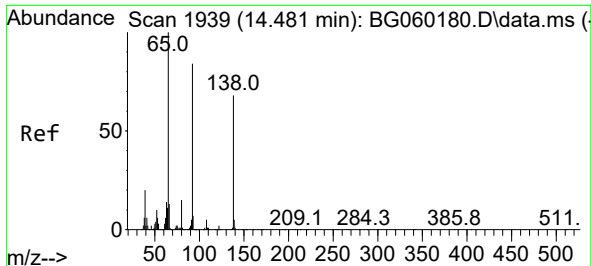
Tgt Ion:165 Resp: 474350
Ion Ratio Lower Upper
165 100
63 50.6 39.3 58.9
89 53.1 39.8 59.8



#52
Acenaphthene
Concen: 39.924 ng
RT: 14.641 min Scan# 1966
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:154 Resp: 1538970
Ion Ratio Lower Upper
154 100
153 112.9 91.5 137.3
152 53.9 43.8 65.8

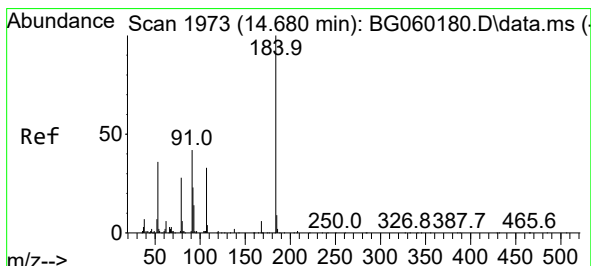
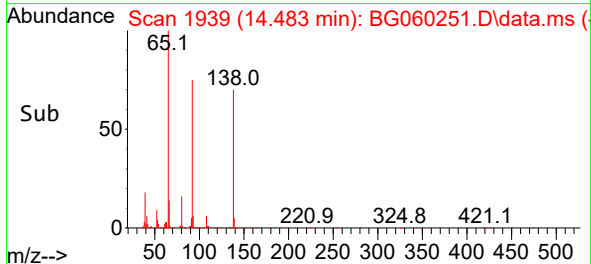
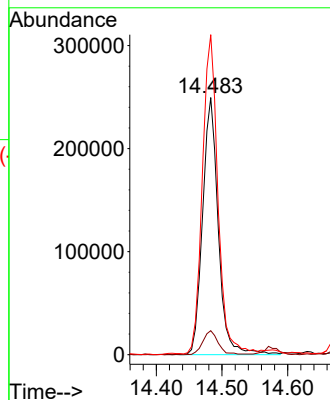
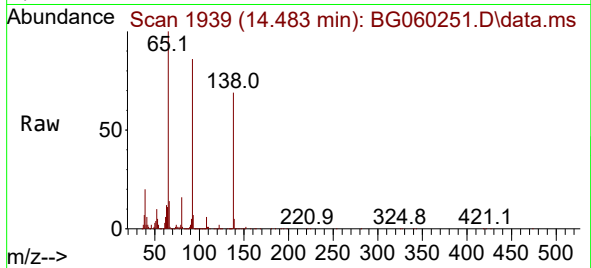




#53
3-Nitroaniline
Concen: 40.146 ng
RT: 14.483 min Scan# 1939
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

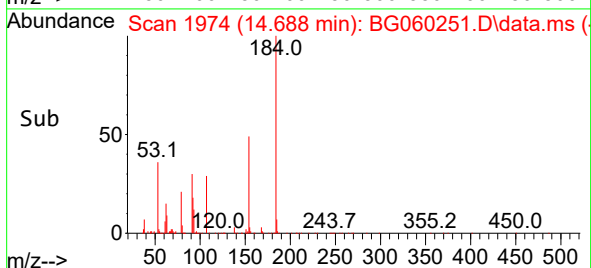
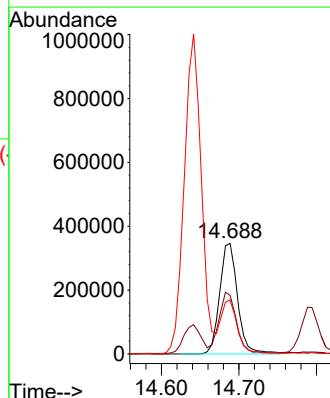
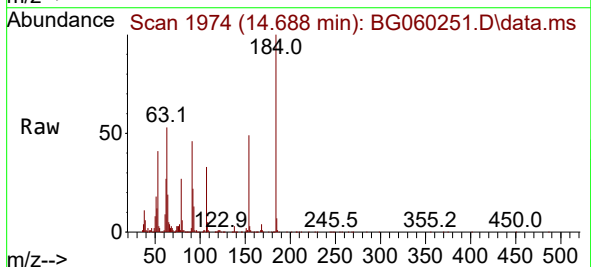
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

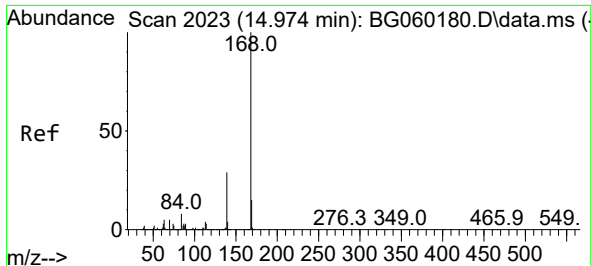
Tgt Ion:138 Resp: 415493
Ion Ratio Lower Upper
138 100
108 9.3 6.2 9.4
92 124.4 98.5 147.7



#54
2,4-Dinitrophenol
Concen: 86.496 ng
RT: 14.688 min Scan# 1974
Delta R.T. 0.008 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:184 Resp: 558014
Ion Ratio Lower Upper
184 100
63 53.1 45.4 68.2
154 49.0 40.0 60.0

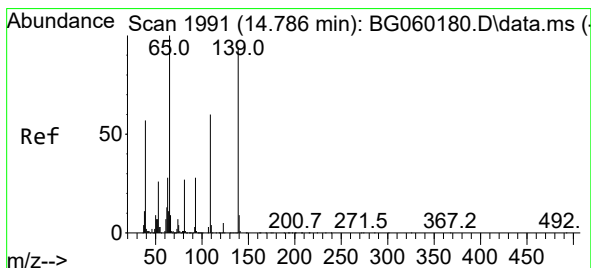
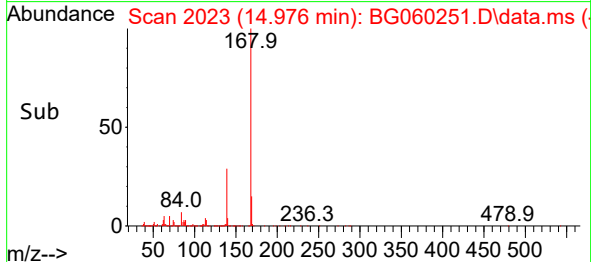
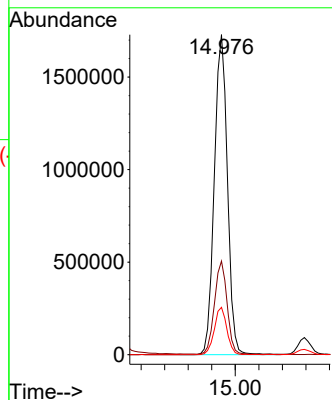
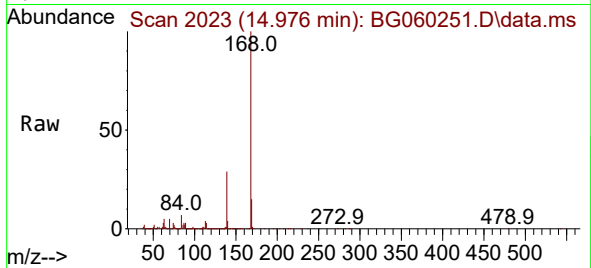




#55
Dibenzofuran
Concen: 41.275 ng
RT: 14.976 min Scan# 20
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

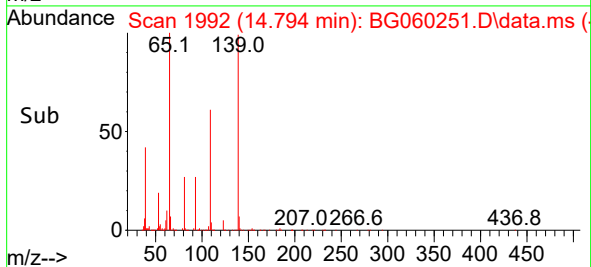
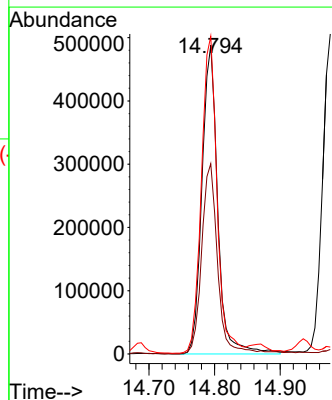
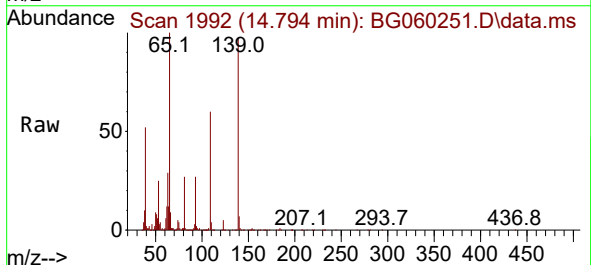
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

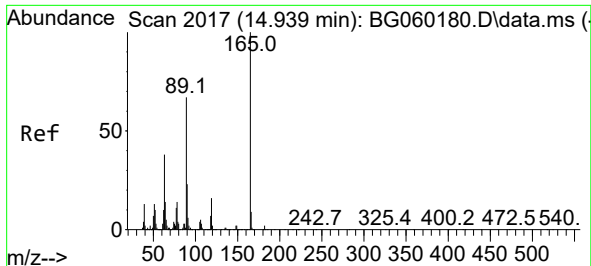
Tgt Ion:168 Resp: 2665125
Ion Ratio Lower Upper
168 100
139 29.3 23.1 34.7
169 14.8 11.9 17.9



#56
4-Nitrophenol
Concen: 104.500 ng
RT: 14.794 min Scan# 1992
Delta R.T. 0.008 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:139 Resp: 817517
Ion Ratio Lower Upper
139 100
109 61.6 44.4 84.4
65 103.0 87.4 127.4

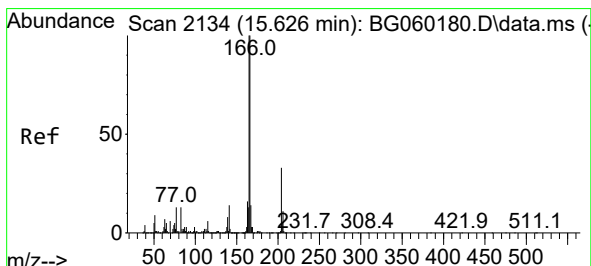
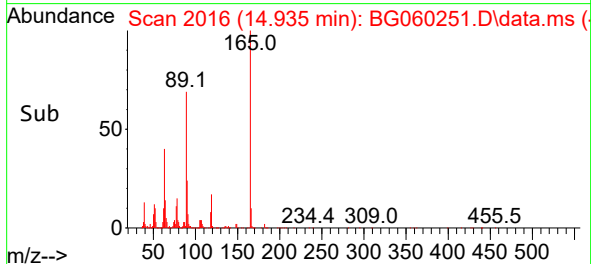
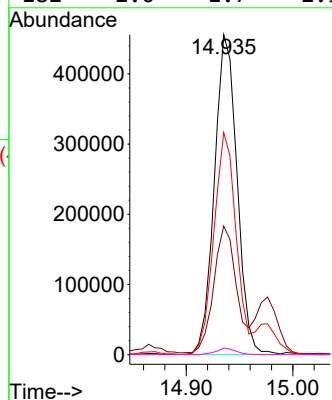
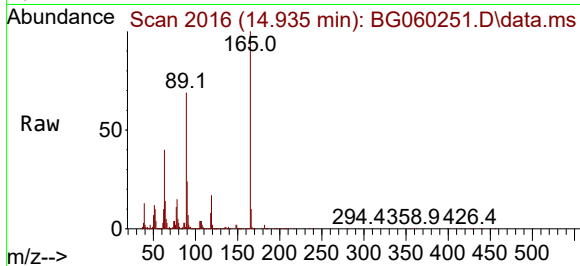




#57
2,4-Dinitrotoluene
Concen: 45.042 ng
RT: 14.935 min Scan# 2017
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

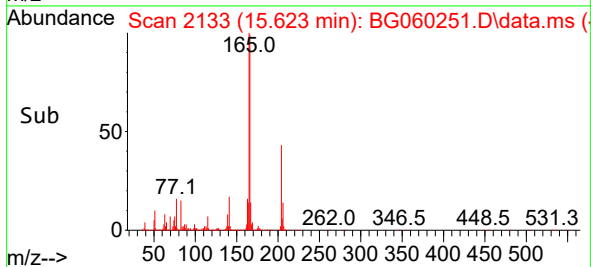
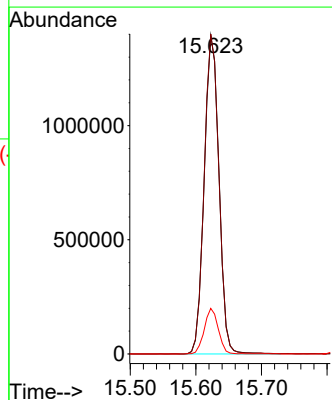
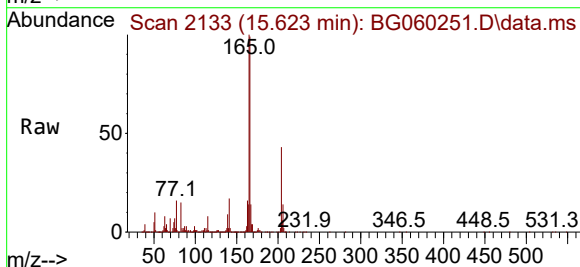
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

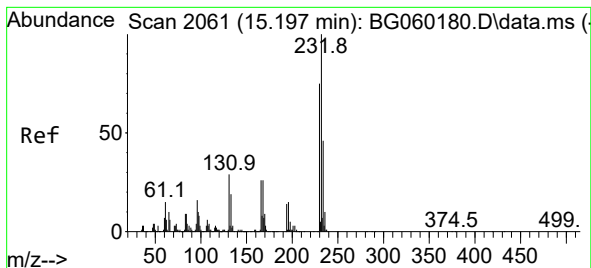
Tgt Ion:165 Resp: 672715
Ion Ratio Lower Upper
165 100
63 40.2 31.0 46.6
89 69.4 53.3 79.9
182 2.0 1.7 2.5



#58
Fluorene
Concen: 41.266 ng
RT: 15.623 min Scan# 2133
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:166 Resp: 2185364
Ion Ratio Lower Upper
166 100
165 100.5 80.4 120.6
167 14.3 11.3 16.9

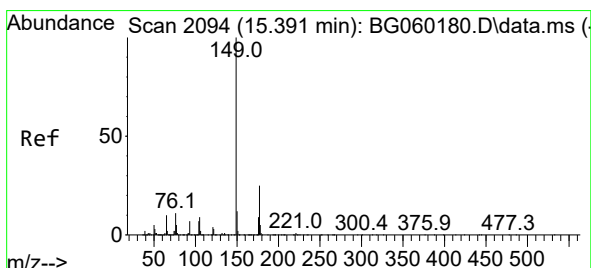
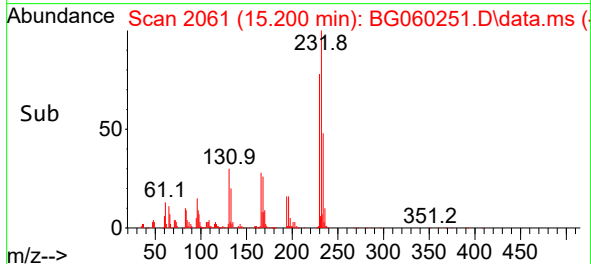
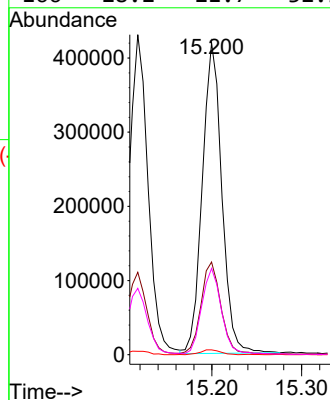
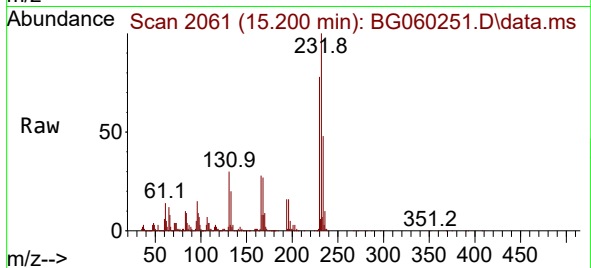




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.154 ng
RT: 15.200 min Scan# 2061
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

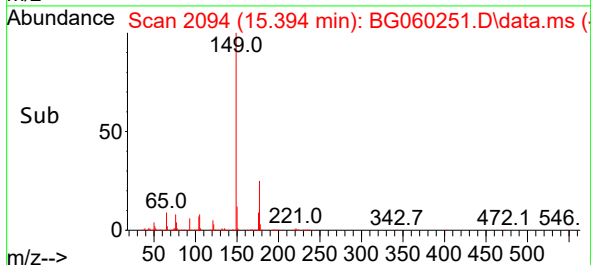
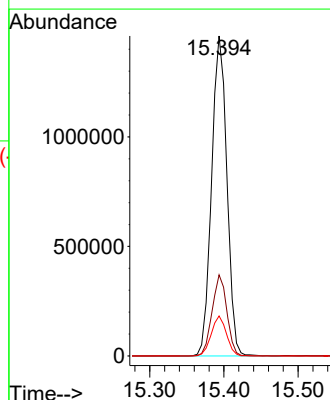
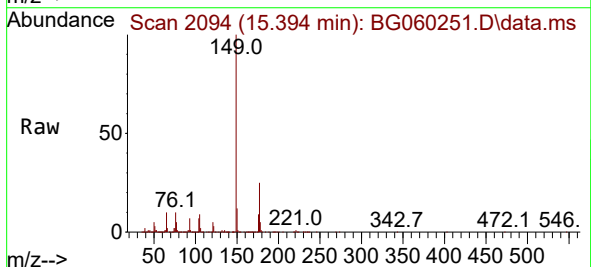
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

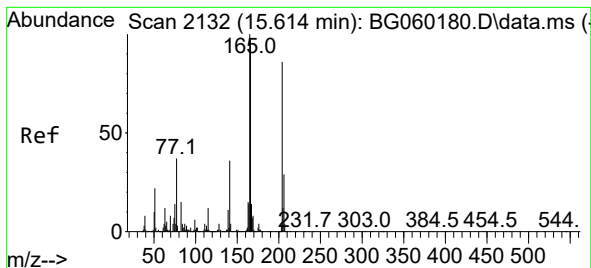
Tgt Ion:232 Resp: 633865
Ion Ratio Lower Upper
232 100
131 30.7 23.8 35.6
130 1.6 1.2 1.8
166 28.2 21.7 32.5



#60
Diethylphthalate
Concen: 41.480 ng
RT: 15.394 min Scan# 2094
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:149 Resp: 2088864
Ion Ratio Lower Upper
149 100
177 25.4 20.2 30.2
150 12.5 9.6 14.4

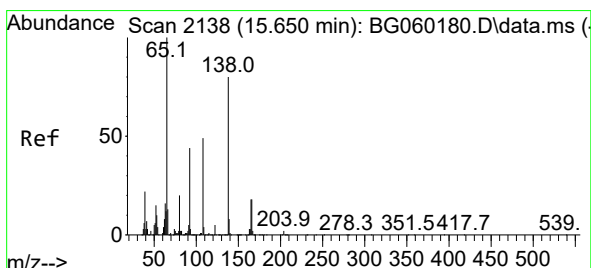
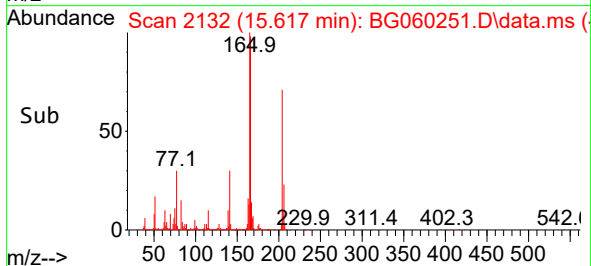
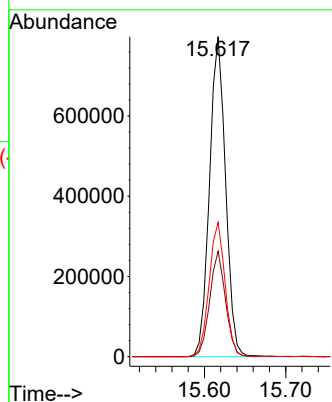
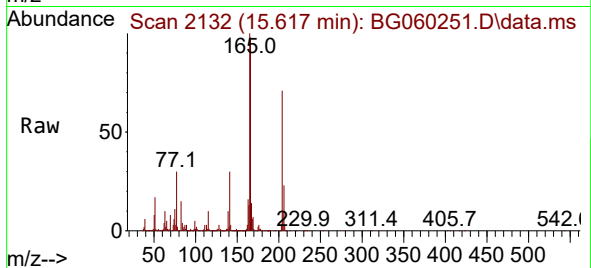




#61
4-Chlorophenyl-phenylether
Concen: 39.695 ng
RT: 15.617 min Scan# 2132
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

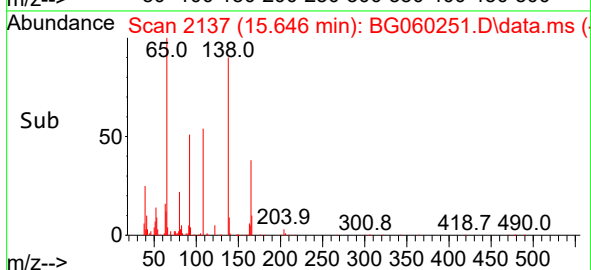
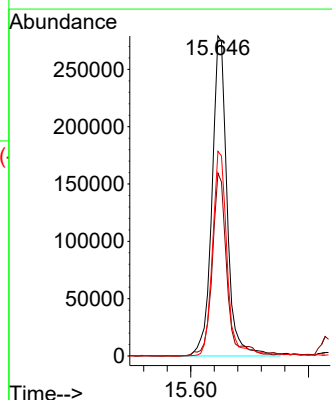
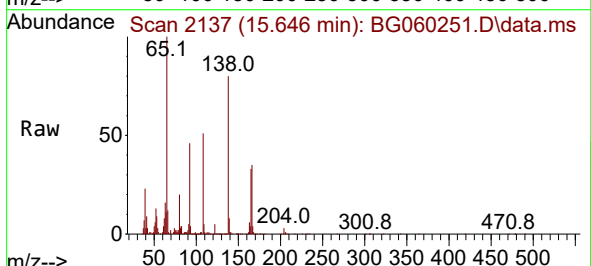
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

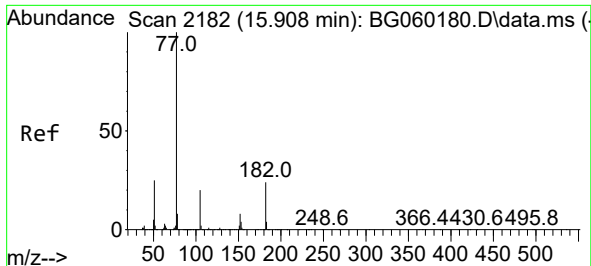
Tgt Ion:204 Resp: 1094613
Ion Ratio Lower Upper
204 100
206 33.0 26.9 40.3
141 41.9 33.2 49.8



#62
4-Nitroaniline
Concen: 45.637 ng
RT: 15.646 min Scan# 2137
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:138 Resp: 497815
Ion Ratio Lower Upper
138 100
92 57.1 35.1 75.1
108 63.9 40.9 80.9



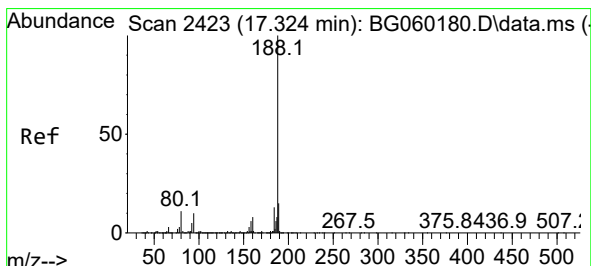
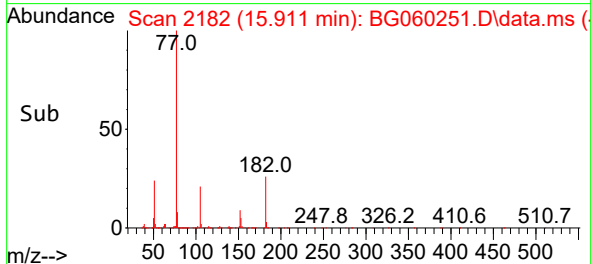
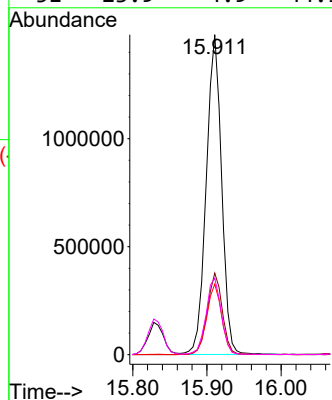
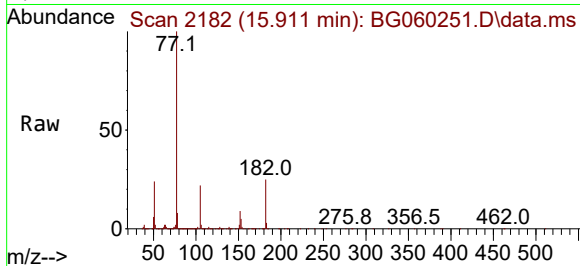


#63
Azobenzene
Concen: 40.730 ng
RT: 15.911 min Scan# 2182
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

Tgt Ion: 77 Resp: 2126499

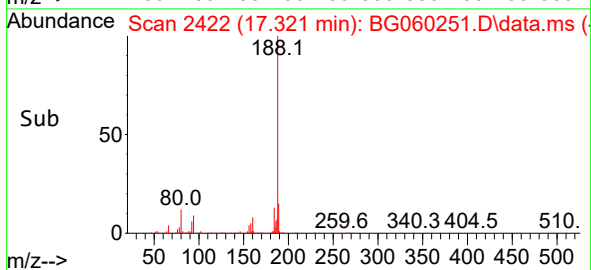
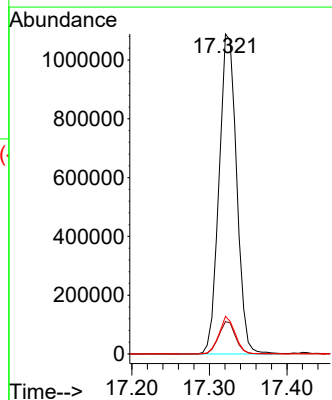
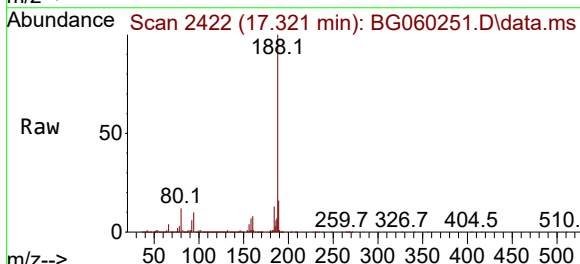
Ion	Ratio	Lower	Upper
77	100		
182	25.5	4.3	44.3
105	22.0	0.3	40.3
51	23.9	4.9	44.9

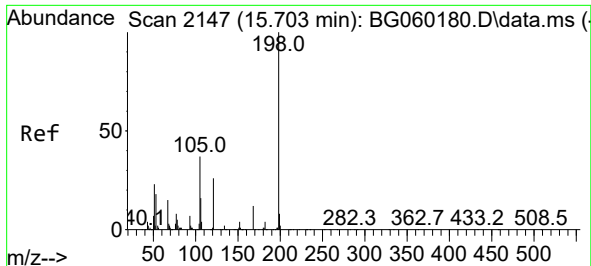


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2422
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion: 188 Resp: 1719042

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.8	11.6
80	11.8	8.6	13.0

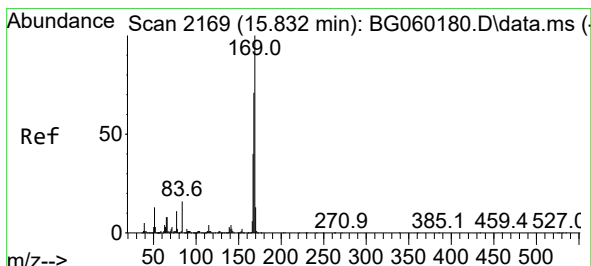
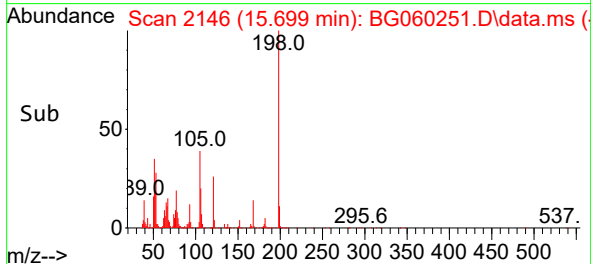
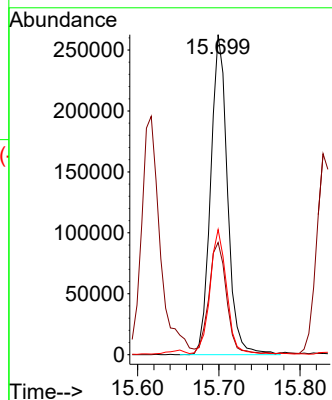
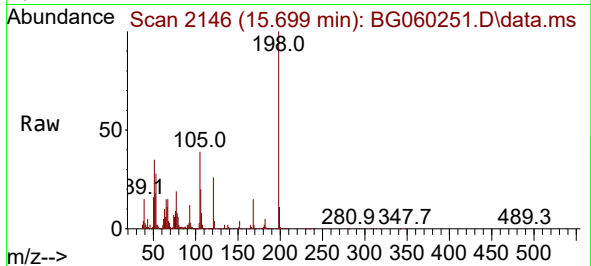




#65
4,6-Dinitro-2-methylphenol
Concen: 43.977 ng
RT: 15.699 min Scan# 2146
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

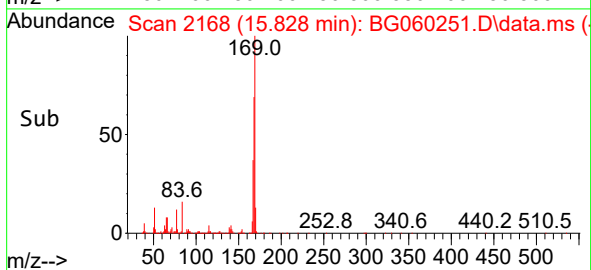
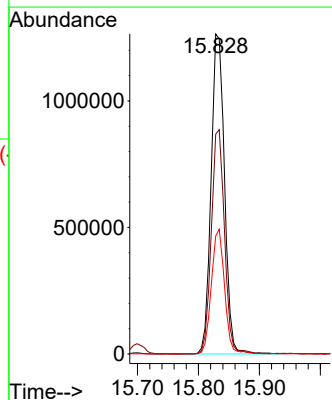
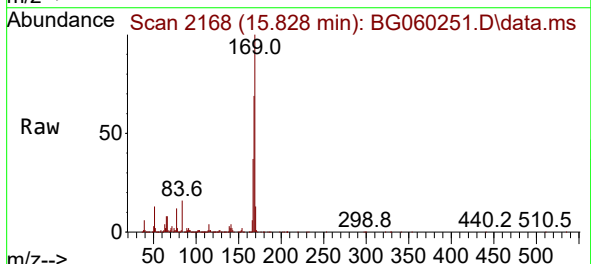
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

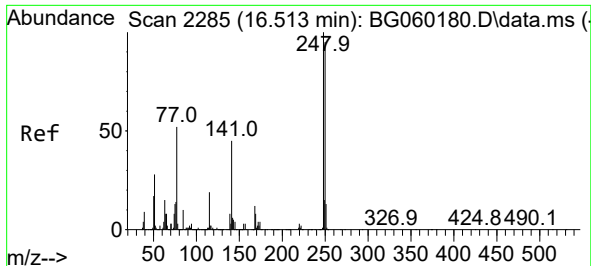
Tgt Ion:198 Resp: 378274
Ion Ratio Lower Upper
198 100
51 35.1 14.8 54.8
105 39.1 17.5 57.5



#66
n-Nitrosodiphenylamine
Concen: 41.703 ng
RT: 15.828 min Scan# 2168
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:169 Resp: 1931817
Ion Ratio Lower Upper
169 100
168 68.7 56.6 84.8
167 36.8 32.1 48.1

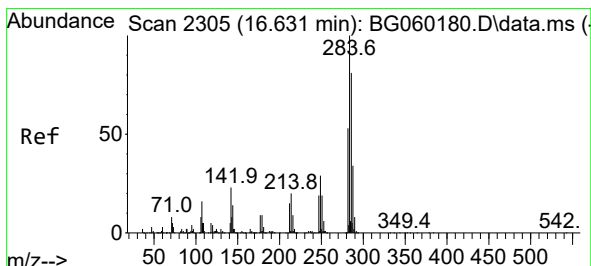
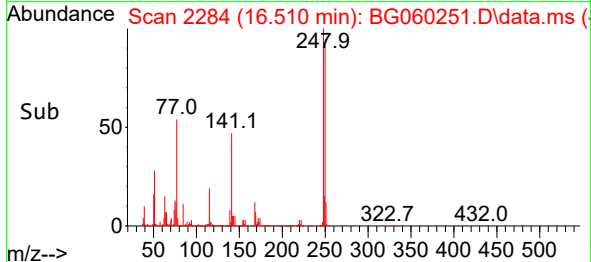
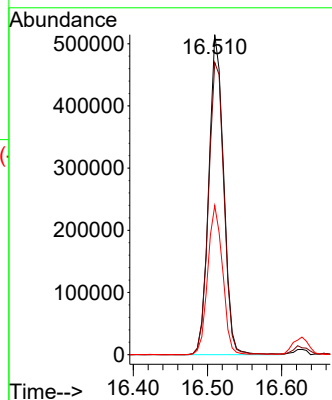
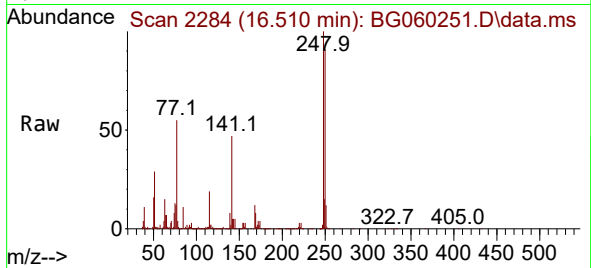




#67
4-Bromophenyl-phenylether
Concen: 39.417 ng
RT: 16.510 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

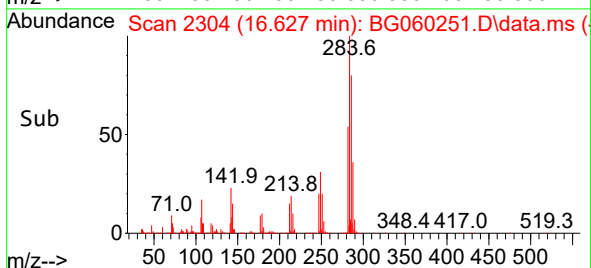
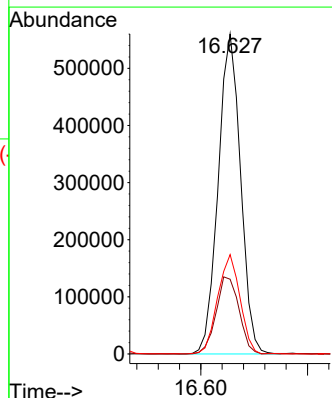
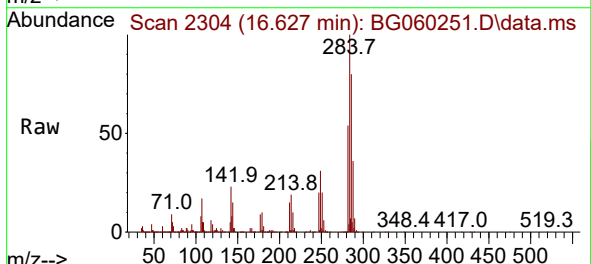
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

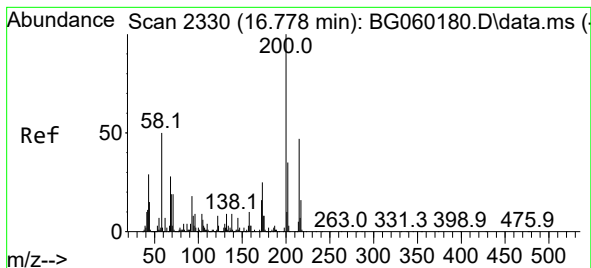
Tgt Ion:248 Resp: 718397
Ion Ratio Lower Upper
248 100
250 91.3 76.2 114.4
141 46.6 36.0 54.0



#68
Hexachlorobenzene
Concen: 38.131 ng
RT: 16.627 min Scan# 2304
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:284 Resp: 814814
Ion Ratio Lower Upper
284 100
142 23.4 18.7 28.1
249 31.1 23.5 35.3





#69

Atrazine

Concen: 45.160 ng

RT: 16.780 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG060251.D

Acq: 4 Jan 2024 19:01

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MS

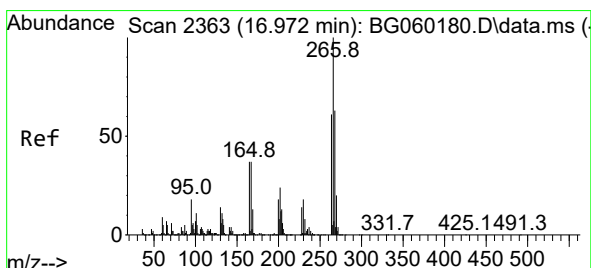
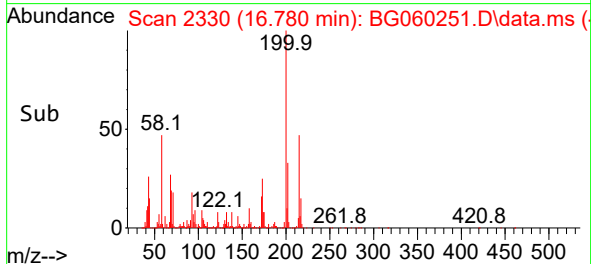
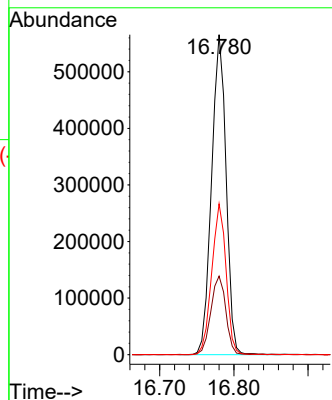
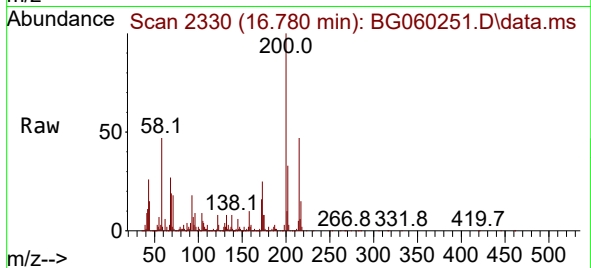
Tgt Ion:200 Resp: 768859

Ion Ratio Lower Upper

200 100

173 24.6 5.2 45.2

215 47.1 26.9 66.9



#70

Pentachlorophenol

Concen: 86.618 ng

RT: 16.974 min Scan# 2363

Delta R.T. 0.002 min

Lab File: BG060251.D

Acq: 4 Jan 2024 19:01

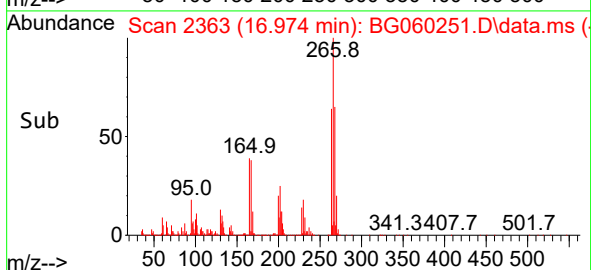
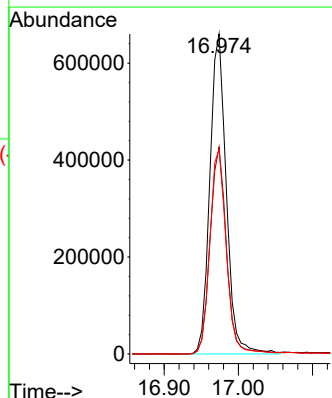
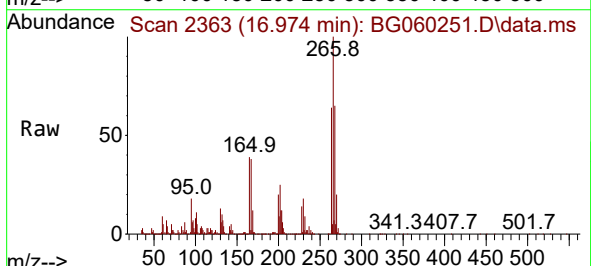
Tgt Ion:266 Resp: 1016808

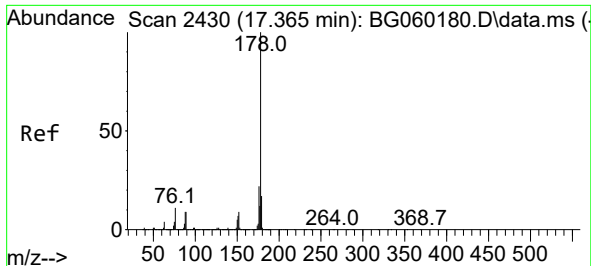
Ion Ratio Lower Upper

266 100

268 64.6 50.4 75.6

264 64.0 52.6 79.0

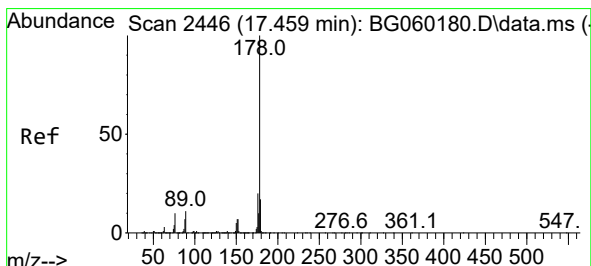
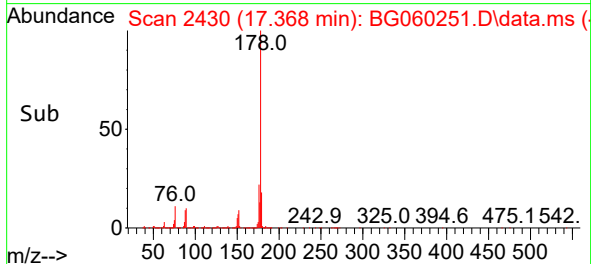
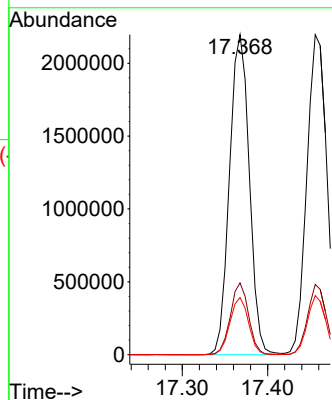
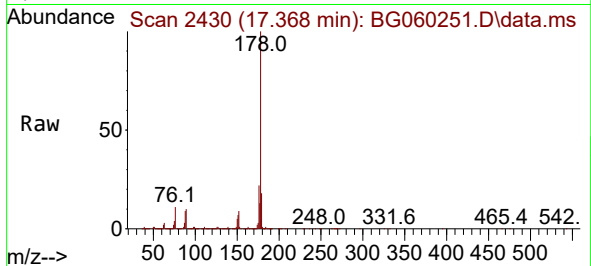




#71
Phenanthrene
Concen: 41.668 ng
RT: 17.368 min Scan# 2430
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

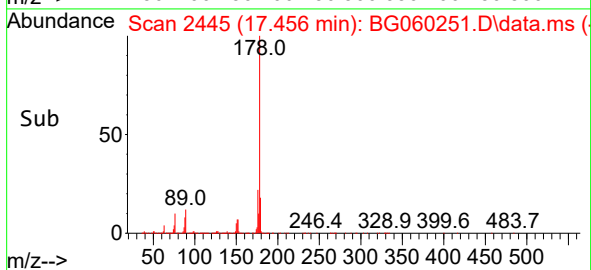
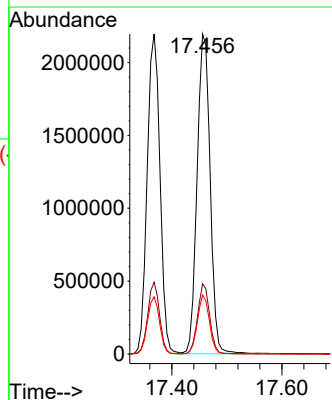
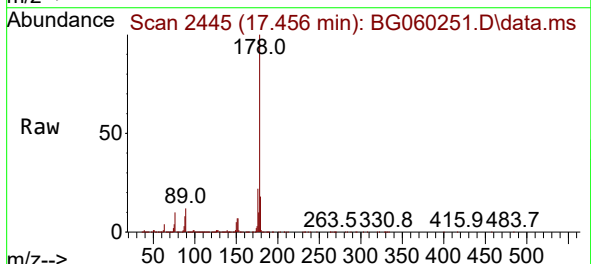
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

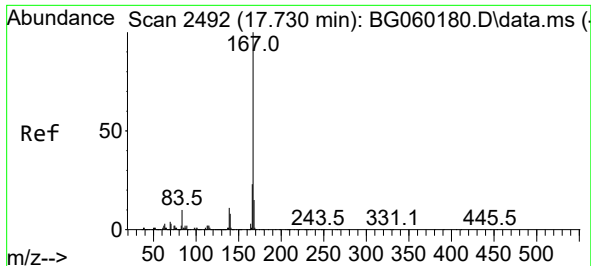
Tgt Ion:178 Resp: 3540572
Ion Ratio Lower Upper
178 100
176 22.4 17.5 26.3
179 17.9 13.8 20.8



#72
Anthracene
Concen: 42.856 ng
RT: 17.456 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:178 Resp: 3617113
Ion Ratio Lower Upper
178 100
176 22.0 16.2 24.2
179 18.5 14.0 21.0

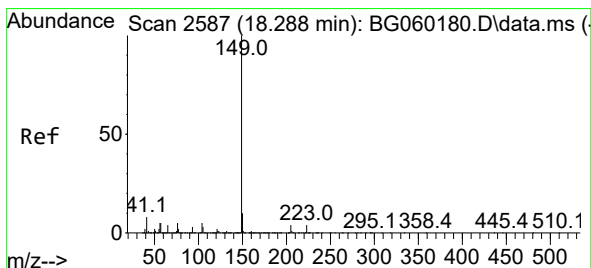
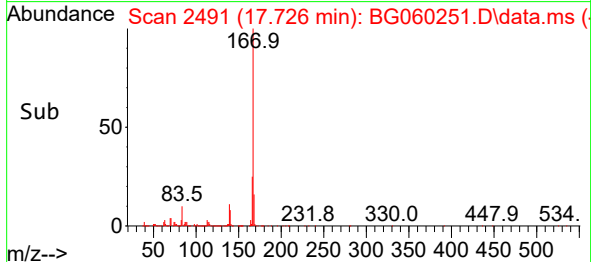
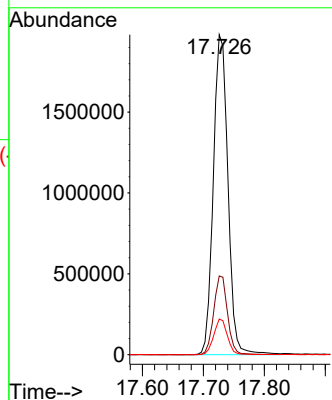
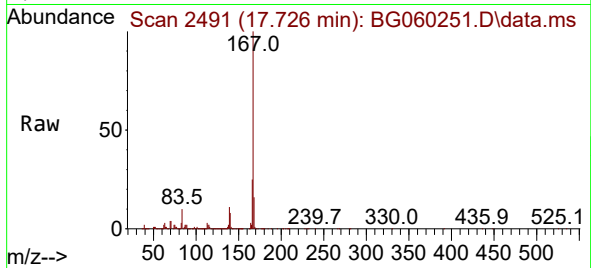




#73
 Carbazole
 Concen: 41.170 ng
 RT: 17.726 min Scan# 2491
 Delta R.T. -0.004 min
 Lab File: BG060251.D
 Acq: 4 Jan 2024 19:01

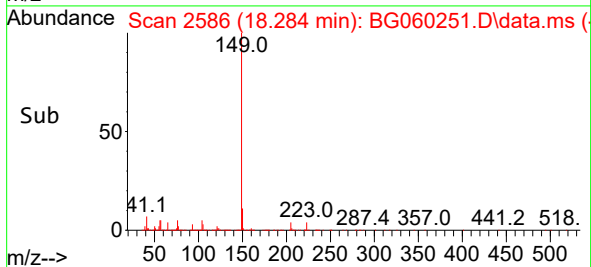
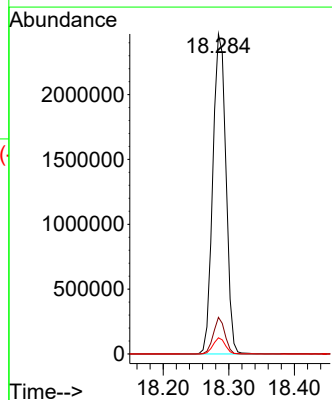
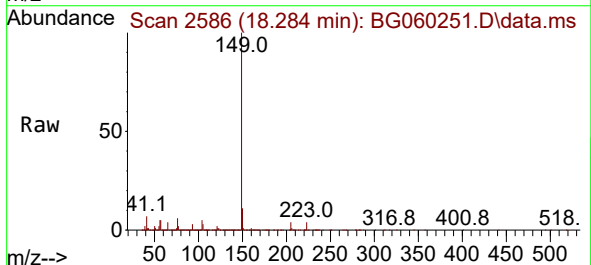
Instrument :
 BNA_G
 ClientSampleId :
 MR-321-10-12MS

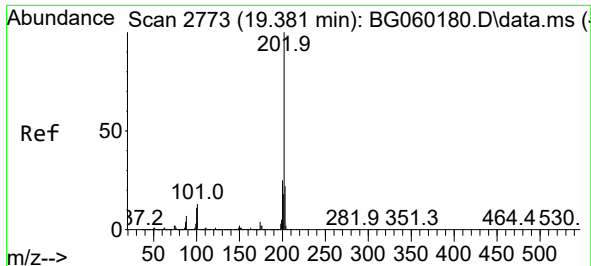
Tgt Ion:167 Resp: 3295736
 Ion Ratio Lower Upper
 167 100
 166 24.6 18.8 28.2
 139 11.1 8.8 13.2



#74
 Di-n-butylphthalate
 Concen: 44.149 ng
 RT: 18.284 min Scan# 2586
 Delta R.T. -0.004 min
 Lab File: BG060251.D
 Acq: 4 Jan 2024 19:01

Tgt Ion:149 Resp: 3424922
 Ion Ratio Lower Upper
 149 100
 150 11.4 8.3 12.5
 104 5.1 4.2 6.4

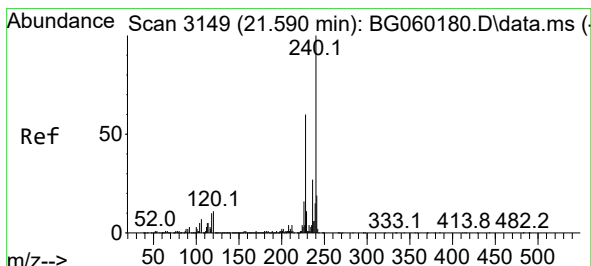
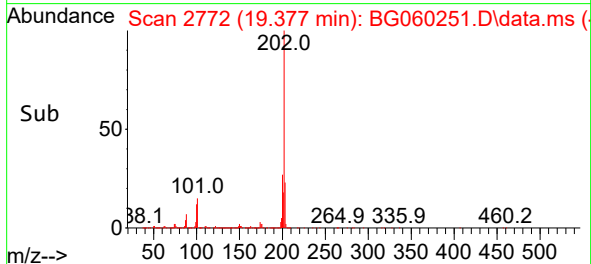
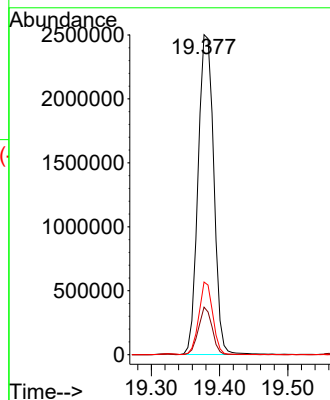
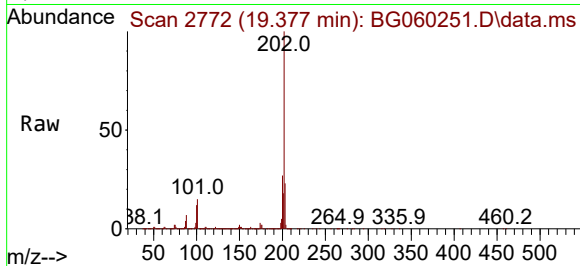




#75
Fluoranthene
Concen: 39.946 ng
RT: 19.377 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

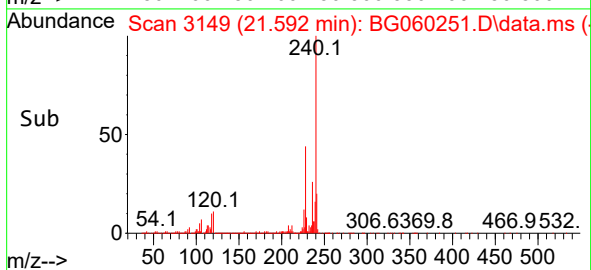
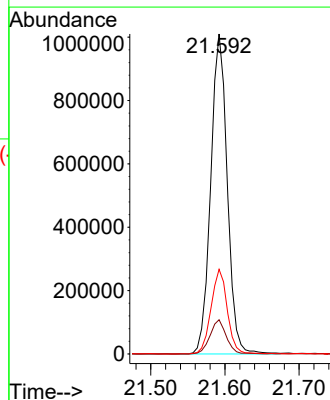
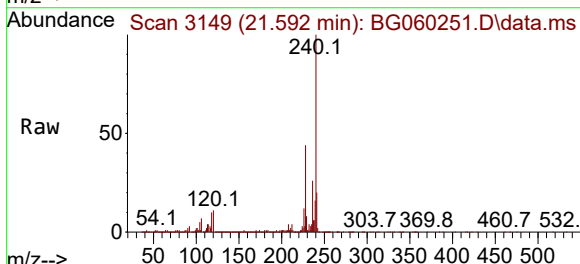
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

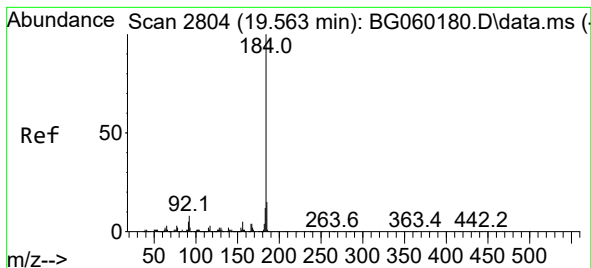
Tgt Ion:202 Resp: 3981412
Ion Ratio Lower Upper
202 100
101 14.8 0.0 32.8
203 22.7 2.0 42.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3149
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:240 Resp: 1565025
Ion Ratio Lower Upper
240 100
120 10.7 8.5 12.7
236 26.4 21.4 32.2





#77

Benzidine

Concen: 59.034 ng

RT: 19.565 min Scan# 2804

Delta R.T. 0.002 min

Lab File: BG060251.D

Acq: 4 Jan 2024 19:01

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MS

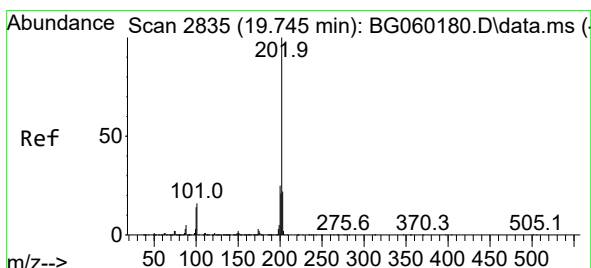
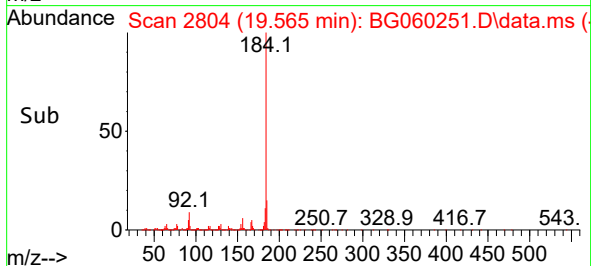
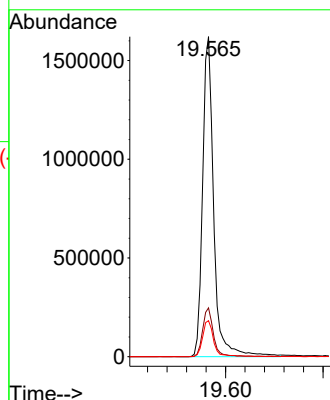
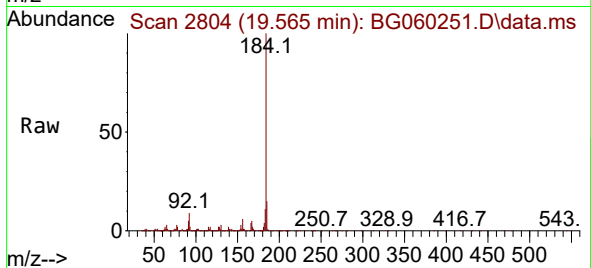
Tgt Ion:184 Resp: 2557052

Ion Ratio Lower Upper

184 100

185 15.3 11.7 17.5

183 11.2 9.4 14.2



#78

Pyrene

Concen: 39.086 ng

RT: 19.741 min Scan# 2834

Delta R.T. -0.004 min

Lab File: BG060251.D

Acq: 4 Jan 2024 19:01

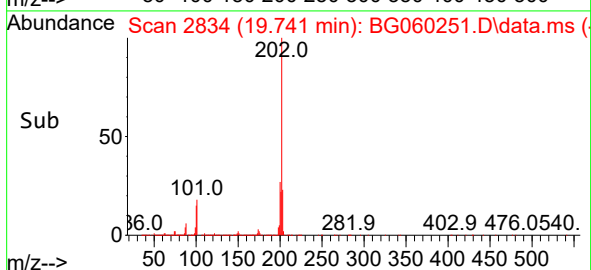
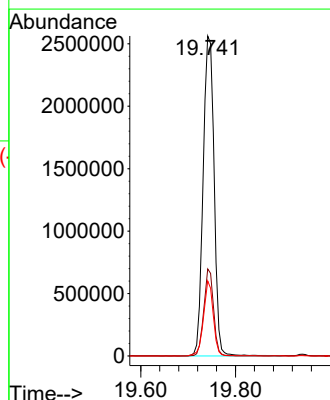
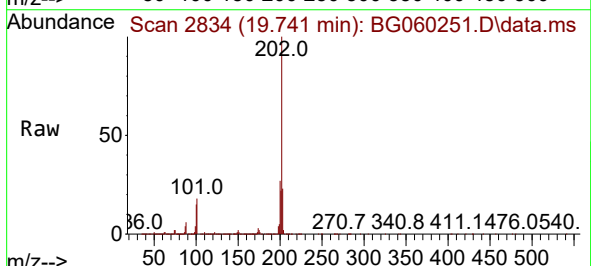
Tgt Ion:202 Resp: 4111982

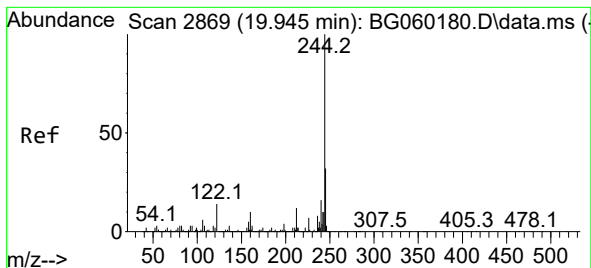
Ion Ratio Lower Upper

202 100

200 27.2 20.3 30.5

203 23.5 17.8 26.6





#79

Terphenyl-d14

Concen: 53.186 ng

RT: 19.941 min Scan# 2869

Delta R.T. -0.004 min

Lab File: BG060251.D

Acq: 4 Jan 2024 19:01

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MS

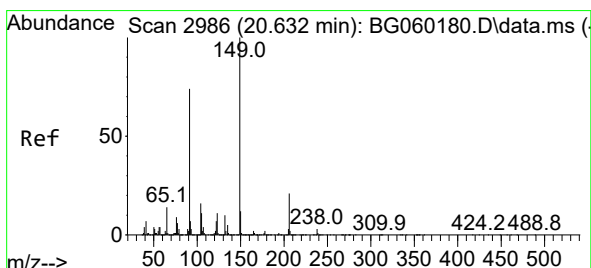
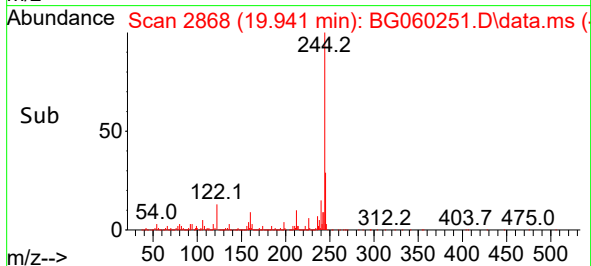
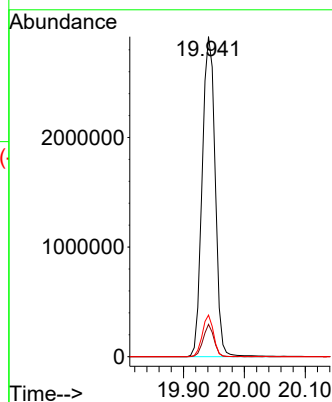
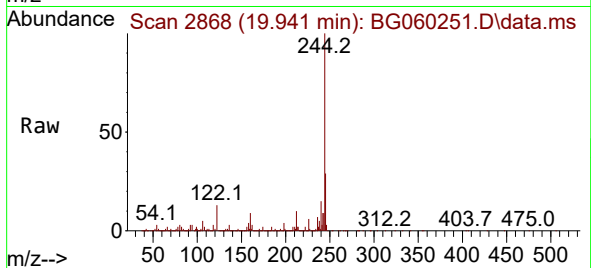
Tgt Ion:244 Resp: 4329691

Ion Ratio Lower Upper

244 100

212 10.1 9.5 14.3

122 13.0 11.4 17.2



#80

Butylbenzylphthalate

Concen: 51.125 ng

RT: 20.634 min Scan# 2986

Delta R.T. 0.002 min

Lab File: BG060251.D

Acq: 4 Jan 2024 19:01

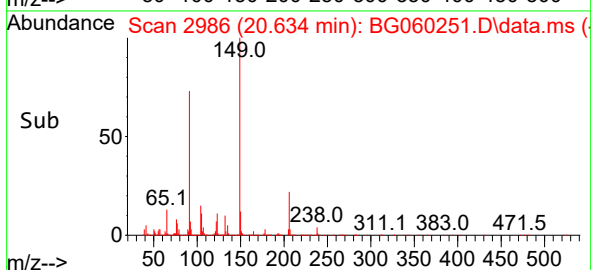
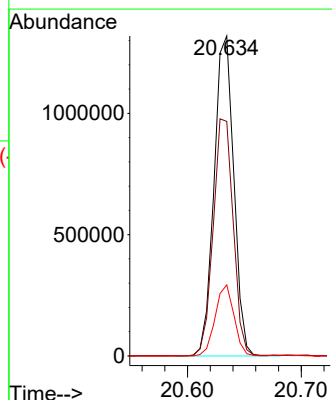
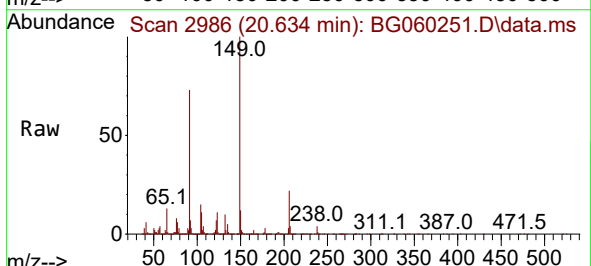
Tgt Ion:149 Resp: 1585920

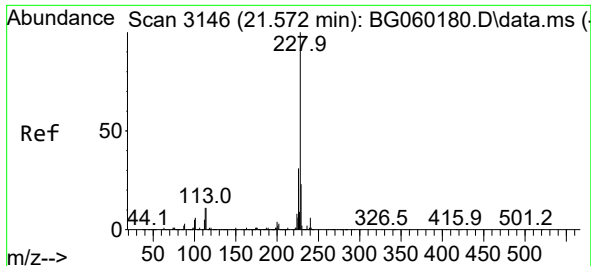
Ion Ratio Lower Upper

149 100

91 73.3 59.4 89.2

206 22.2 16.6 25.0

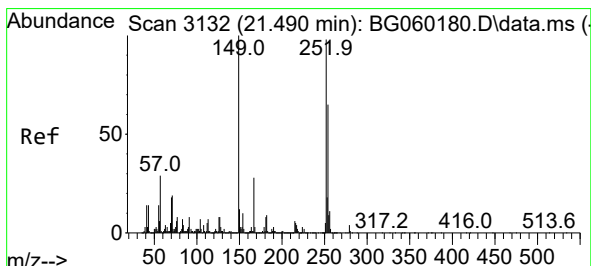
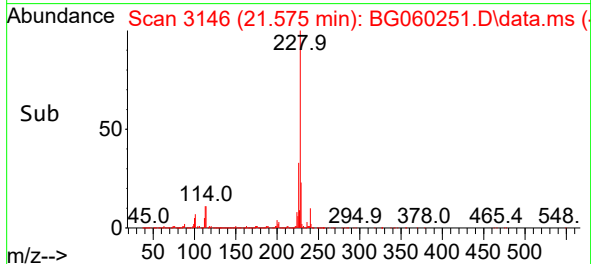
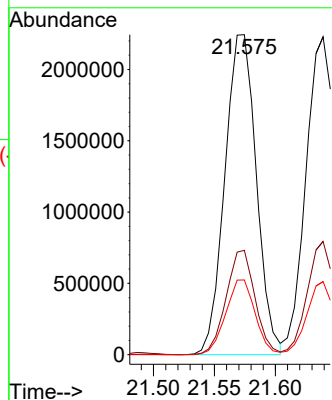
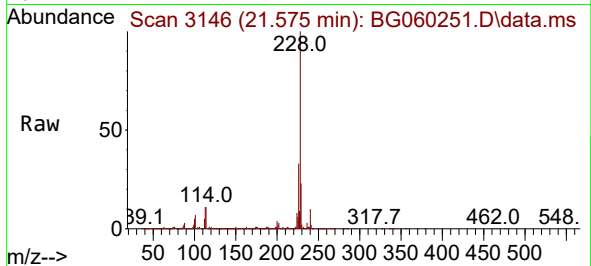




#81
Benzo(a)anthracene
Concen: 40.584 ng
RT: 21.575 min Scan# 3146
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

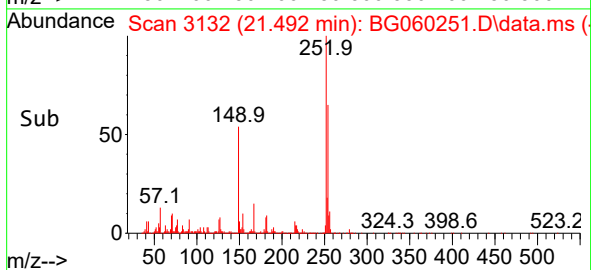
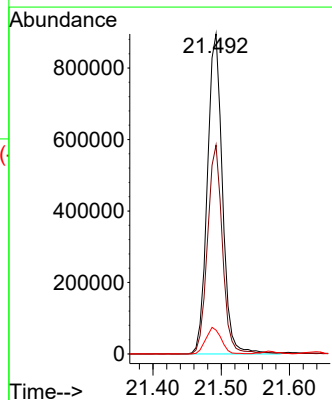
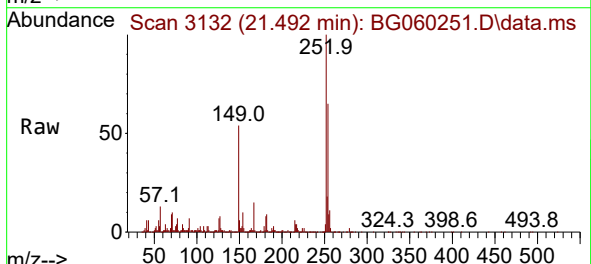
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

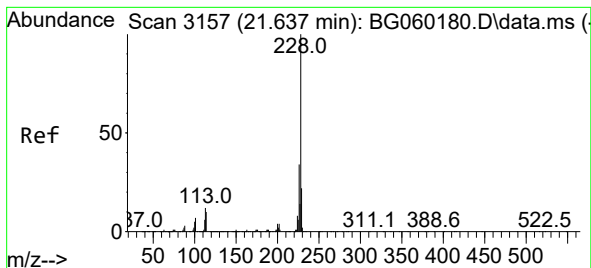
Tgt Ion:228 Resp: 4038315
Ion Ratio Lower Upper
228 100
226 32.6 24.6 36.8
229 23.3 18.4 27.6



#82
3,3'-Dichlorobenzidine
Concen: 38.138 ng
RT: 21.492 min Scan# 3132
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:252 Resp: 1380029
Ion Ratio Lower Upper
252 100
254 65.3 52.6 78.8
126 7.5 6.9 10.3





#83

Chrysene

Concen: 39.844 ng

RT: 21.639 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG060251.D

Acq: 4 Jan 2024 19:01

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MS

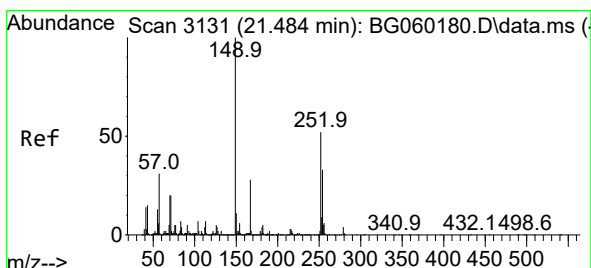
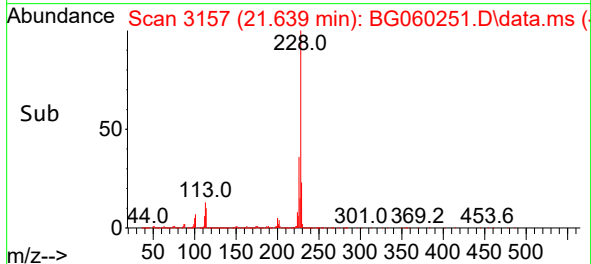
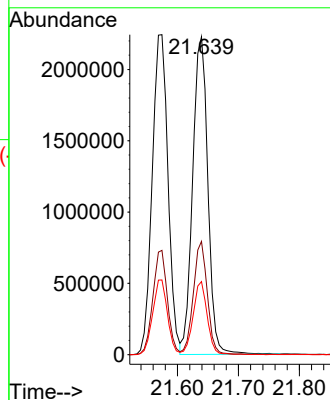
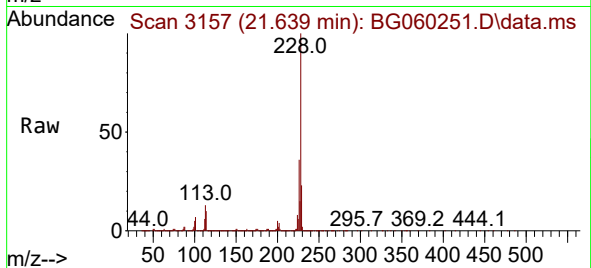
Tgt Ion:228 Resp: 3851759

Ion Ratio Lower Upper

228 100

226 35.6 26.8 40.2

229 23.0 17.7 26.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.282 ng

RT: 21.480 min Scan# 3130

Delta R.T. -0.004 min

Lab File: BG060251.D

Acq: 4 Jan 2024 19:01

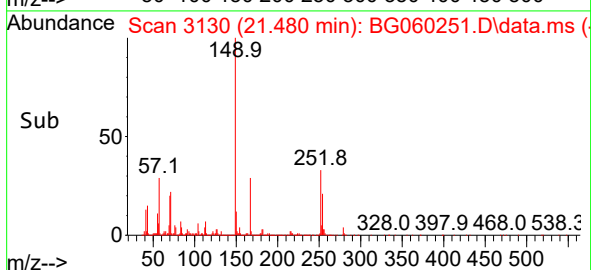
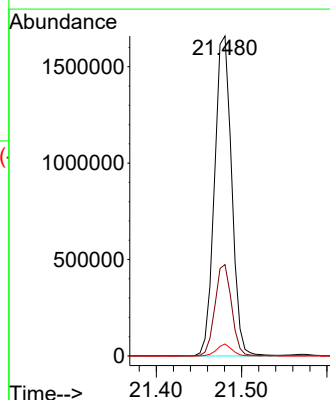
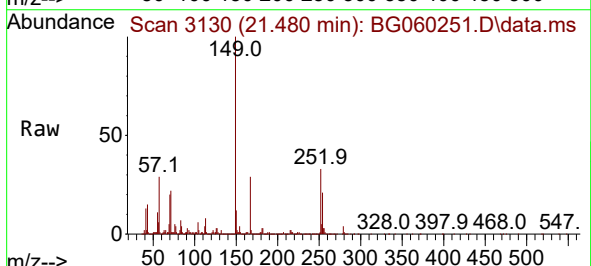
Tgt Ion:149 Resp: 2318347

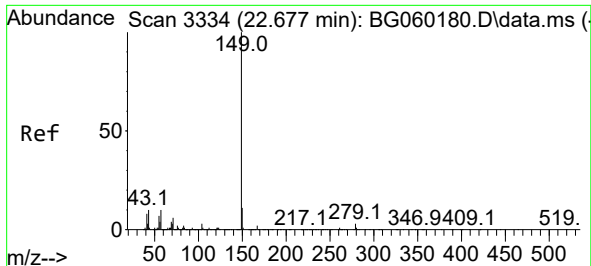
Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.4

279 3.7 2.9 4.3

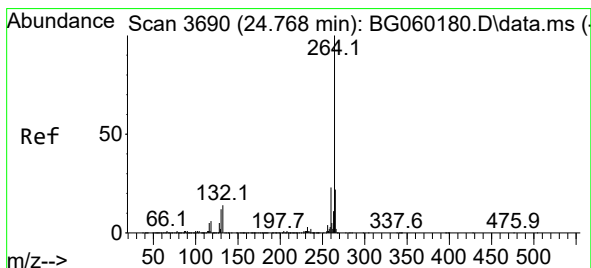
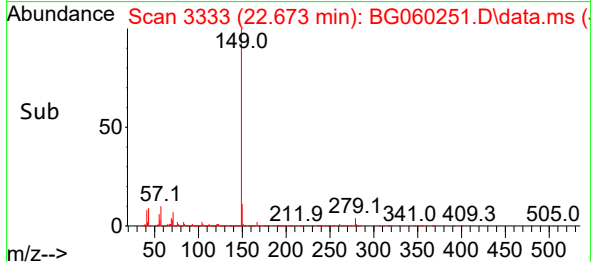
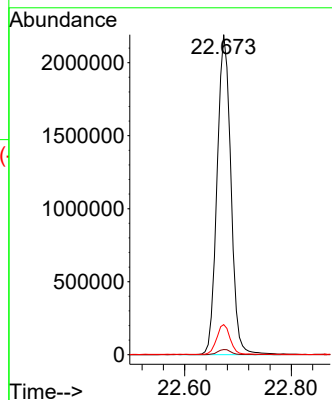
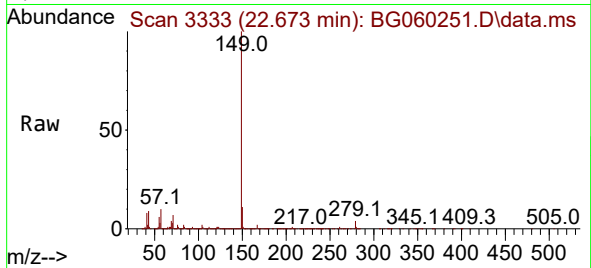




#85
Di-n-octyl phthalate
Concen: 51.122 ng
RT: 22.673 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

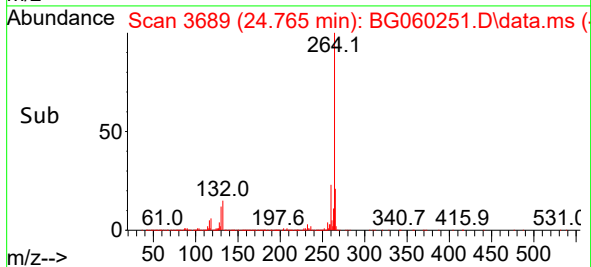
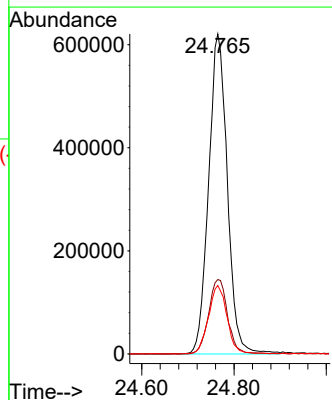
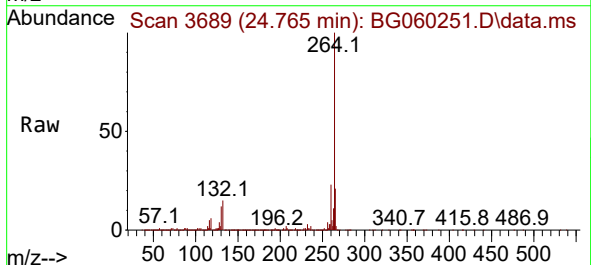
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

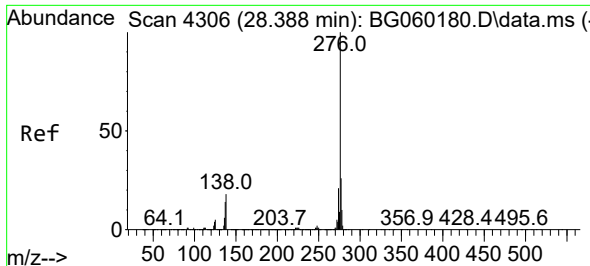
Tgt Ion:149 Resp: 3936551
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.2 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.765 min Scan# 3689
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:264 Resp: 1750718
Ion Ratio Lower Upper
264 100
260 23.3 18.0 27.0
265 21.4 17.4 26.0

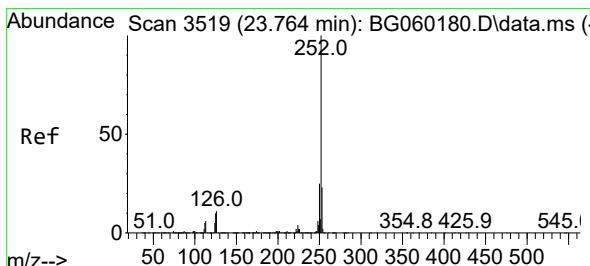
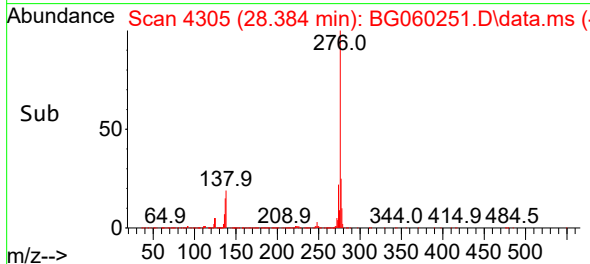
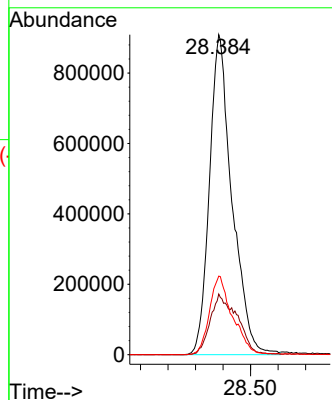
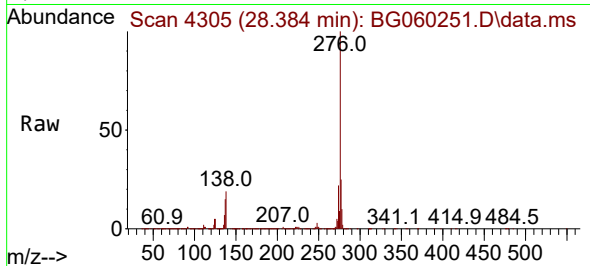




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.942 ng
RT: 28.384 min Scan# 41
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

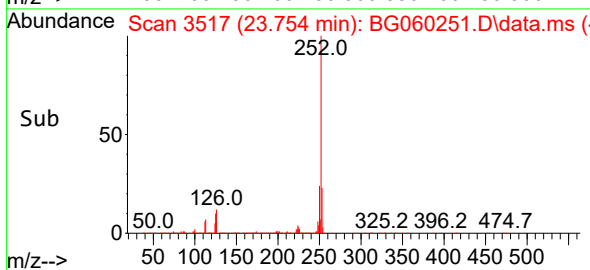
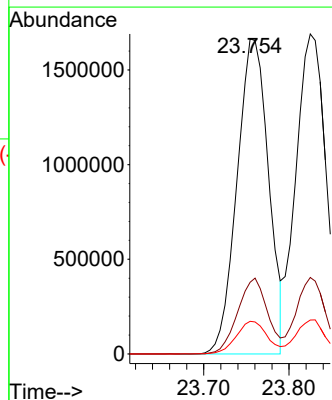
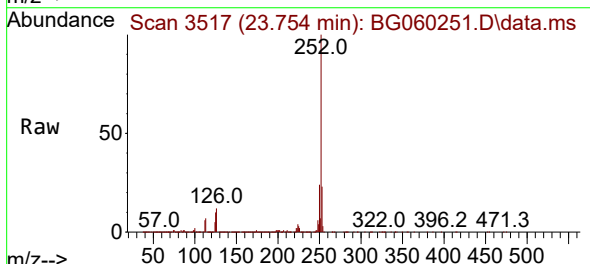
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

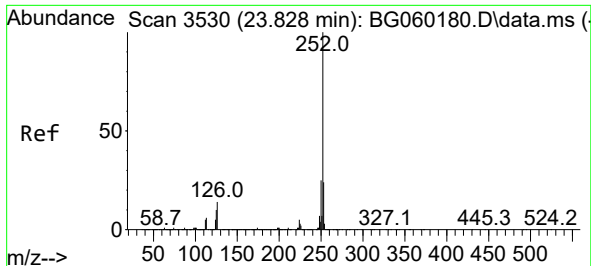
Tgt Ion:276 Resp: 5176859
Ion Ratio Lower Upper
276 100
138 22.6 18.0 27.0
277 25.0 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 40.600 ng
RT: 23.754 min Scan# 3517
Delta R.T. -0.009 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:252 Resp: 4271492
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 10.3 8.0 12.0

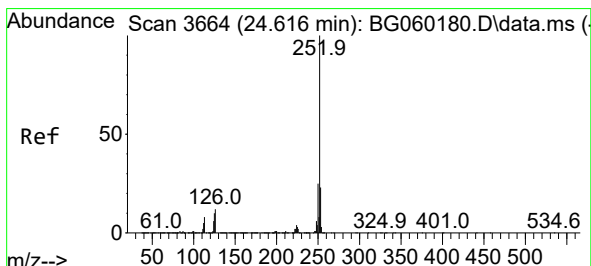
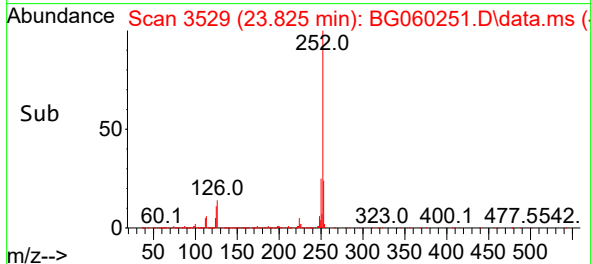
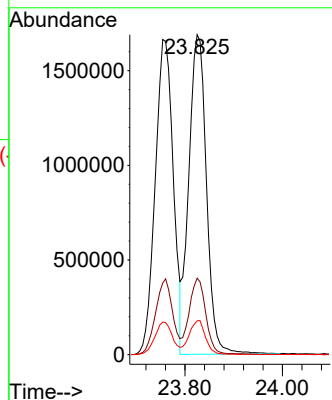
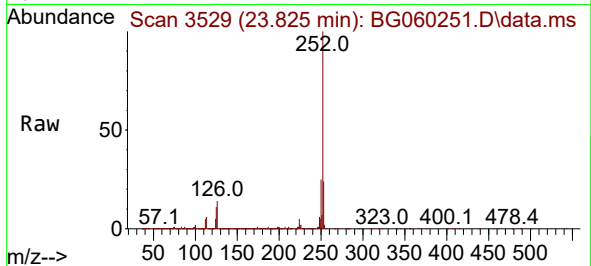




#89
Benzo(k)fluoranthene
Concen: 40.140 ng
RT: 23.825 min Scan# 3530
Delta R.T. -0.004 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

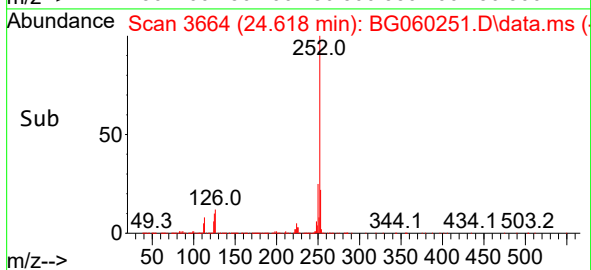
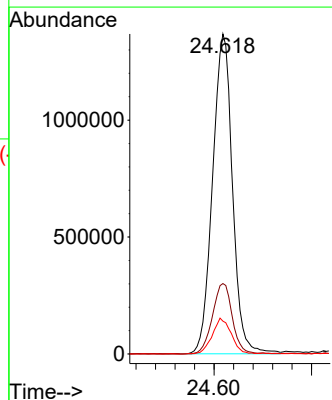
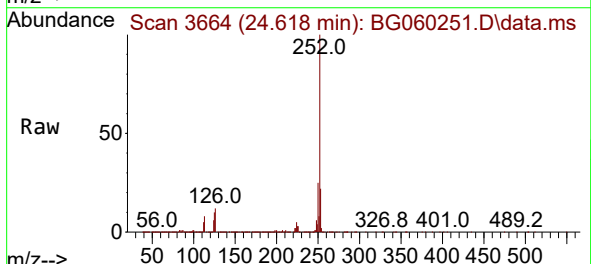
Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MS

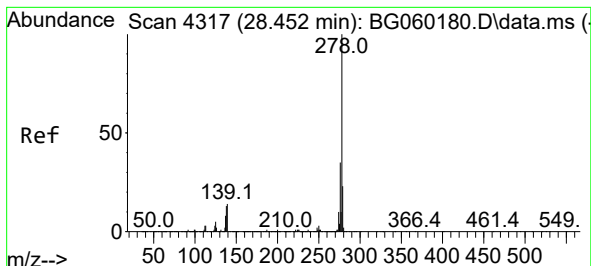
Tgt Ion:252 Resp: 4250525
Ion Ratio Lower Upper
252 100
253 23.9 19.1 28.7
125 10.6 7.7 11.5



#90
Benzo(a)pyrene
Concen: 40.739 ng
RT: 24.618 min Scan# 3664
Delta R.T. 0.002 min
Lab File: BG060251.D
Acq: 4 Jan 2024 19:01

Tgt Ion:252 Resp: 3877703
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 10.3 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 42.164 ng

RT: 28.449 min Scan# 41

Delta R.T. -0.004 min

Lab File: BG060251.D

Acq: 4 Jan 2024 19:01

Instrument :

BNA_G

ClientSampleId :

MR-321-10-12MS

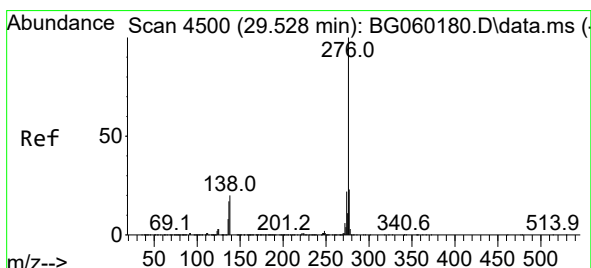
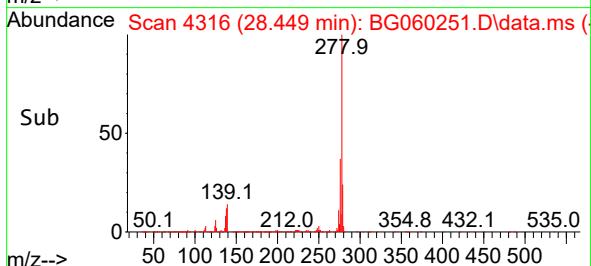
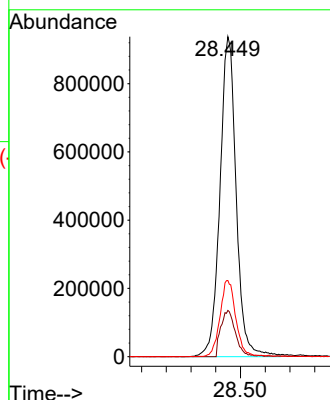
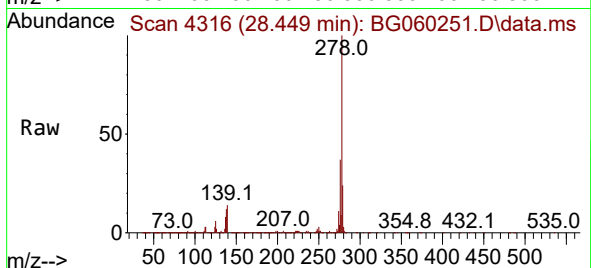
Tgt Ion:278 Resp: 4276096

Ion Ratio Lower Upper

278 100

139 14.4 11.0 16.4

279 23.8 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 40.059 ng

RT: 29.518 min Scan# 4498

Delta R.T. -0.009 min

Lab File: BG060251.D

Acq: 4 Jan 2024 19:01

Tgt Ion:276 Resp: 4115072

Ion Ratio Lower Upper

276 100

277 24.8 18.7 28.1

138 19.4 15.9 23.9

