

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062019.D
 Acq On : 11 Jul 2024 21:09
 Operator : MA/JU
 Sample : P3139-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4D00MS

Quant Time: Jul 12 00:08:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	44445	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	211755	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	138496	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.419	188	320830	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.679	240	285249	20.000	ng/ul	0.00
88) Perylene-d12	24.892	264	351804	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	5603	4.737	ng/uL	0.00
4) Pyridine-d5	3.864	84	21254	5.844	ng/ul	0.00
7) Phenol-d5	7.201	99	178779	36.756	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.366	67	100178	32.524	ng/ul	0.00
11) 2-Chlorophenol-d4	7.572	132	127284	38.150	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	137290	35.850	ng/ul	0.00
21) Nitrobenzene-d5	9.211	128	65200	40.485	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	77622	42.206	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.474	165	148042	41.733	ng/ul	0.00
31) 4-Chloroaniline-d4	10.985	131	67605	13.127	ng/ul	0.00
46) Dimethylphthalate-d6	14.076	166	460689	40.460	ng/ul	0.00
49) Acenaphthylene-d8	14.370	160	505023	42.418	ng/ul	0.00
54) 4-Nitrophenol-d4	14.881	143	70069	38.535	ng/ul	0.00
60) Fluorene-d10	15.662	176	406318	42.389	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	78489	46.583	ng/ul	0.00
73) Anthracene-d10	17.513	188	606372	40.481	ng/ul	0.00
81) Pyrene-d10	19.798	212	467663	27.873	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.663	264	309318	17.728	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.476	88	19038	14.584	ng/uL#	82
5) Pyridine	3.882	79	68622	18.399	ng/ul	95
6) Benzaldehyde	7.178	77	102023	39.632	ng/ul	88
8) Phenol	7.231	94	196440	39.448	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.460	93	132460	34.625	ng/ul	97
12) 2-Chlorophenol	7.607	128	141750	41.703	ng/ul	92
13) 2-Methylphenol	8.488	108	143488	40.371	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.559	45	286278	34.253	ng/ul	99
16) Acetophenone	8.864	105	236638	37.408	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.847	70	123839	34.968	ng/ul	91
18) 4-Methylphenol	8.817	108	163489	41.074	ng/ul	99
19) Hexachloroethane	9.123	117	31495	21.359	ng/ul	93
22) Nitrobenzene	9.252	77	186942	40.893	ng/ul	95
23) Isophorone	9.775	82	367781	35.611	ng/ul#	97
25) 2-Nitrophenol	9.963	139	79992	42.650	ng/ul#	84
26) 2,4-Dimethylphenol	10.022	107	183798	40.947	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.251	93	197944	34.804	ng/ul	97
29) 2,4-Dichlorophenol	10.503	162	147752	44.341	ng/ul	98
30) Naphthalene	10.903	128	461921	39.712	ng/ul	97
32) 4-Chloroaniline	11.015	127	89751	17.760	ng/ul	99
33) Hexachlorobutadiene	11.179	225	112246	44.764	ng/ul	95
34) Caprolactam	11.843	113	11020	8.441	ng/ul	99
35) 4-Chloro-3-methylphenol	12.137	107	187237	42.190	ng/ul	93
36) 2-Methylnaphthalene	12.507	142	337915	40.100	ng/ul	99

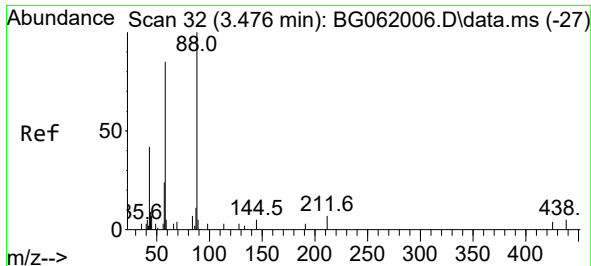
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.724	142	345947	39.504	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.865	216	182117	43.788	ng/ul#	92
40) Hexachlorocyclopentadiene	12.836	237	74981	27.082	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.112	196	135076	48.897	ng/ul	99
42) 2,4,5-Trichlorophenol	13.183	196	143473	47.280	ng/ul	93
43) 1,1'-Biphenyl	13.506	154	464830	43.560	ng/ul	97
44) 2-Chloronaphthalene	13.553	162	350958	43.822	ng/ul	98
45) 2-Nitroaniline	13.758	65	162021	50.519	ng/ul	97
47) Dimethylphthalate	14.123	163	452193	41.289	ng/ul	98
48) 2,6-Dinitrotoluene	14.252	165	101187	48.703	ng/ul	96
50) Acenaphthylene	14.399	152	540088	41.332	ng/ul	99
51) 3-Nitroaniline	14.581	138	70248	34.735	ng/ul#	89
52) Acenaphthene	14.740	153	393807	43.645	ng/ul	94
53) 2,4-Dinitrophenol	14.787	184	53067	48.889	ng/ul	87
55) 4-Nitrophenol	14.892	109	112840	54.372	ng/ul	86
56) Dibenzofuran	15.069	168	555541	43.563	ng/ul	95
57) 2,4-Dinitrotoluene	15.033	165	149446	49.048	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.298	232	131820	48.106	ng/ul#	97
59) Diethylphthalate	15.480	149	490431	41.556	ng/ul	100
61) Fluorene	15.721	166	462884	42.681	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.709	204	236401	43.396	ng/ul	91
63) 4-Nitroaniline	15.744	138	84680	41.265	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.797	198	89063	49.115	ng/ul#	93
67) N-Nitrosodiphenylamine	15.921	169	389159	44.416	ng/ul	99
68) 4-Bromophenyl-phenylether	16.602	248	168413	46.271	ng/ul	94
69) Hexachlorobenzene	16.714	284	109106	26.069	ng/ul	97
70) Atrazine	16.872	200	123614	35.740	ng/ul	94
71) Pentachlorophenol	17.066	266	106172	46.152	ng/ul	97
72) Phenanthrene	17.460	178	766391	45.304	ng/ul	98
74) Anthracene	17.554	178	712307	40.744	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.471	216	163640	41.067	ng/ul	95
76) Pentachlorobenzene	14.986	250	178866	39.356	ng/ul	99
77) Carbazole	17.818	167	473590	32.189	ng/ul	96
78) Di-n-butylphthalate	18.371	149	816196	43.209	ng/ul	99
80) Fluoranthene	19.464	202	959266	48.311	ng/ul#	94
82) Pyrene	19.828	202	568418	27.713	ng/ul#	93
83) Butylbenzylphthalate	20.703	149	368325	42.789	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.573	252	20190	2.975	ng/ul#	95
85) Benzo(a)anthracene	21.655	228	942796	45.649	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.555	149	535572	43.359	ng/ul	98
87) Chrysene	21.726	228	891788	46.125	ng/ul	99
89) Di-n-octyl phthalate	22.760	149	912212	42.442	ng/ul	100
90) Benzo(b)fluoranthene	23.870	252	985936	44.482	ng/ul#	98
91) Benzo(k)fluoranthene	23.941	252	967513	43.773	ng/ul#	91
93) Benzo(a)pyrene	24.728	252	284965	13.577	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.547	276	561343	20.929	ng/ul	98
95) Dibenzo(a,h)anthracene	28.618	278	967329	43.667	ng/ul	99

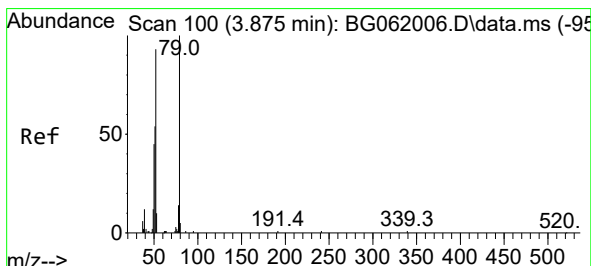
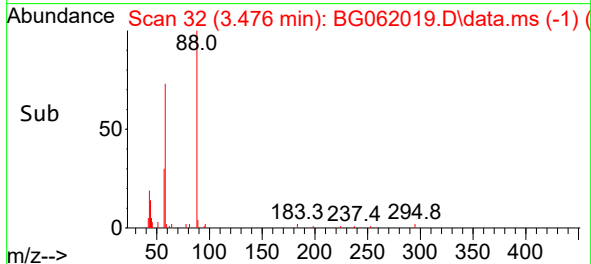
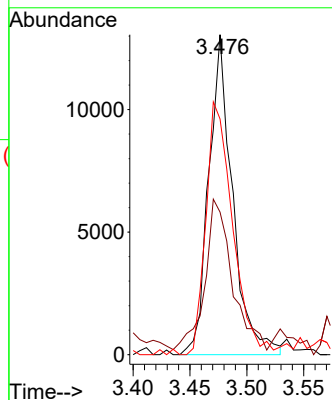
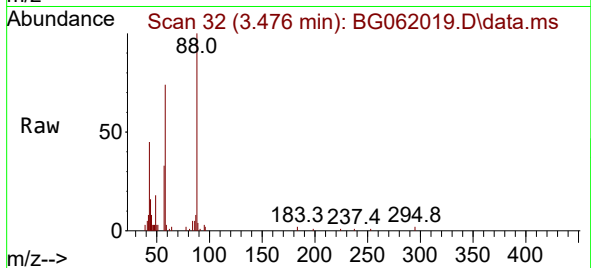
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#2
1,4-Dioxane
Concen: 14.584 ng/uL
RT: 3.476 min Scan# 31
Delta R.T. 0.007 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

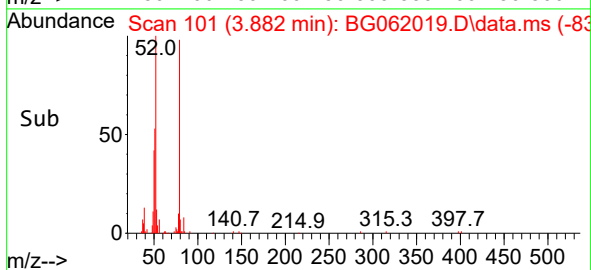
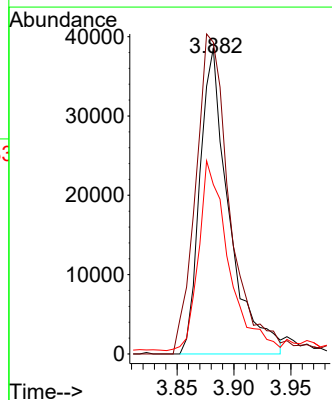
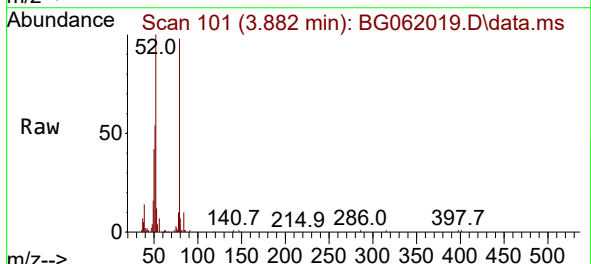
Instrument :
BNA_G
ClientSampleId :
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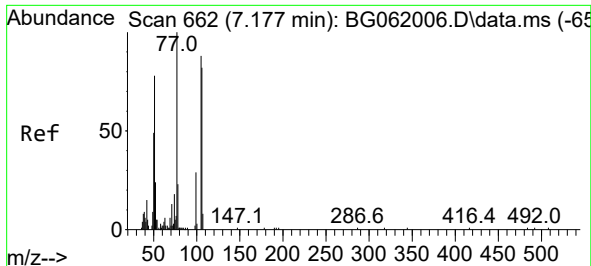
Tgt Ion: 88 Resp: 19038
Ion Ratio Lower Upper
88 100
43 44.5 39.4 59.2
58 73.7 78.1 117.1#



#5
Pyridine
Concen: 18.399 ng/uL
RT: 3.882 min Scan# 101
Delta R.T. 0.007 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion: 79 Resp: 68622
Ion Ratio Lower Upper
79 100
52 101.8 86.0 129.0
51 55.4 46.4 69.6

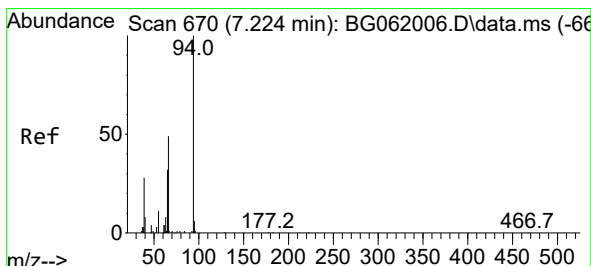
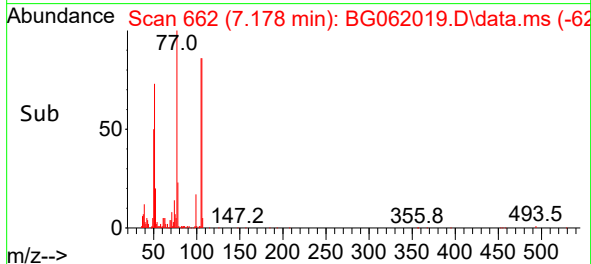
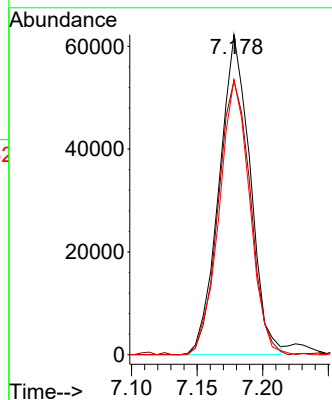
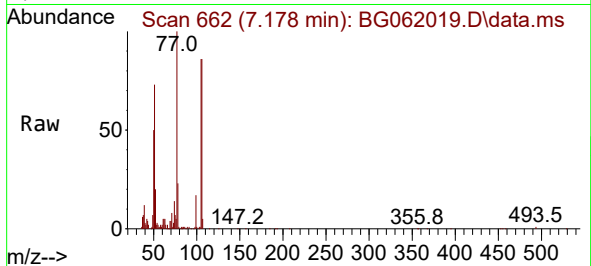




#6
Benzaldehyde
Concen: 39.632 ng/ul
RT: 7.178 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

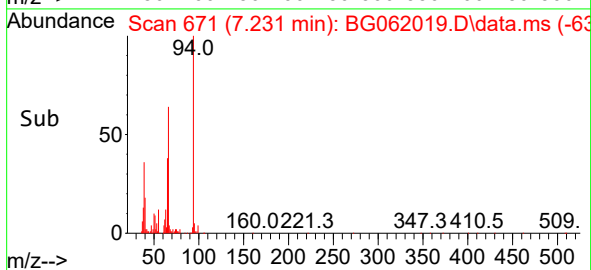
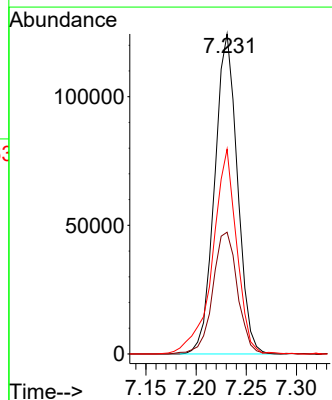
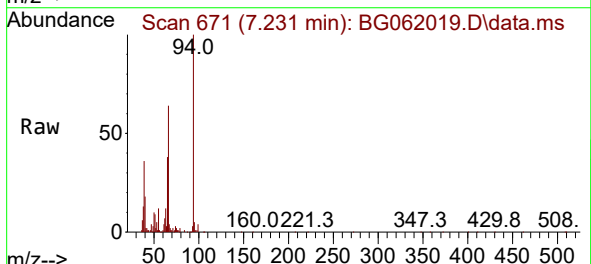
Instrument :
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ClientSampleId :
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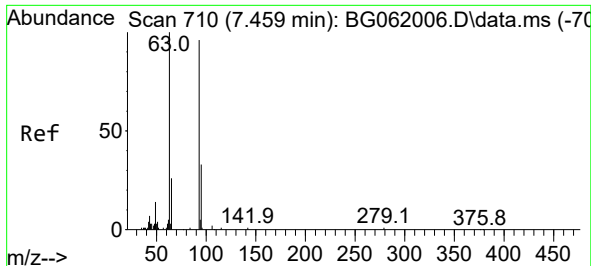
Tgt Ion: 77 Resp: 102023
Ion Ratio Lower Upper
77 100
105 85.6 79.6 119.4
106 86.0 62.6 93.8



#8
Phenol
Concen: 39.448 ng/ul
RT: 7.231 min Scan# 671
Delta R.T. 0.007 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion: 94 Resp: 196440
Ion Ratio Lower Upper
94 100
65 38.1 29.0 43.4
66 64.0 37.4 56.2#

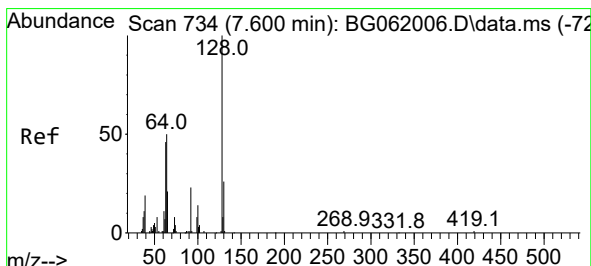
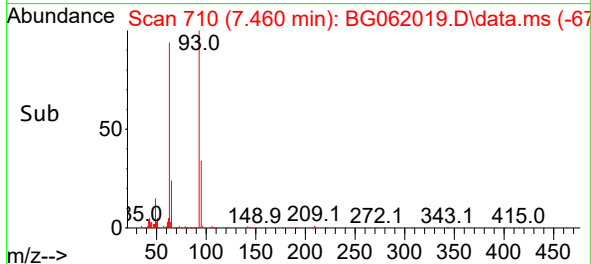
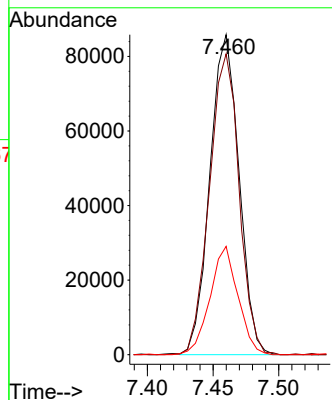
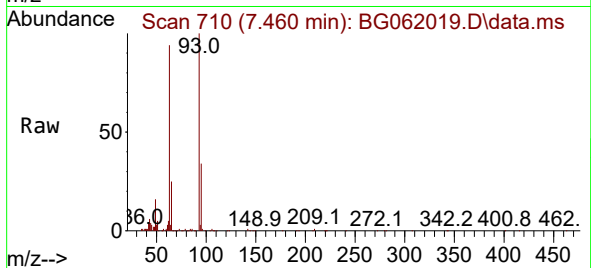




#10
Bis(2-Chloroethyl)ether
Concen: 34.625 ng/ul
RT: 7.460 min Scan# 710
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

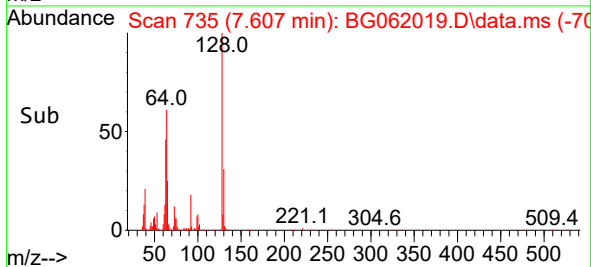
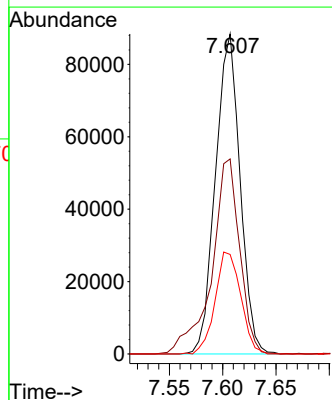
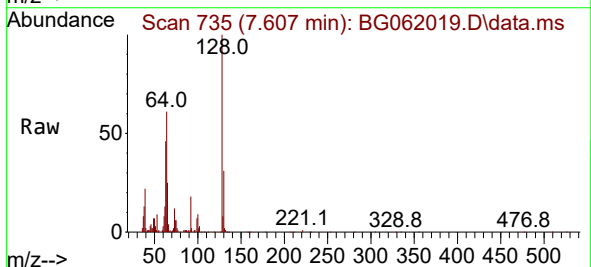
Instrument :
BNA_G
ClientSampleId :
A4D00MS

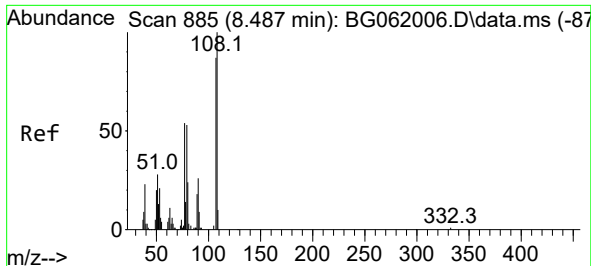
Tgt Ion: 93 Resp: 132460
Ion Ratio Lower Upper
93 100
63 94.0 72.2 108.2
95 33.9 26.7 40.1



#12
2-Chlorophenol
Concen: 41.703 ng/ul
RT: 7.607 min Scan# 735
Delta R.T. 0.007 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion:128 Resp: 141750
Ion Ratio Lower Upper
128 100
64 61.0 42.6 63.8
130 31.1 23.3 34.9





#13

2-Methylphenol

Concen: 40.371 ng/ul

RT: 8.488 min Scan# 885

Delta R.T. 0.007 min

Lab File: BG062019.D

Acq: 11 Jul 2024 21:09

Instrument :

BNA_G

ClientSampleId :

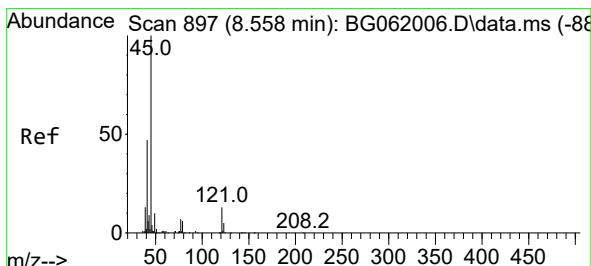
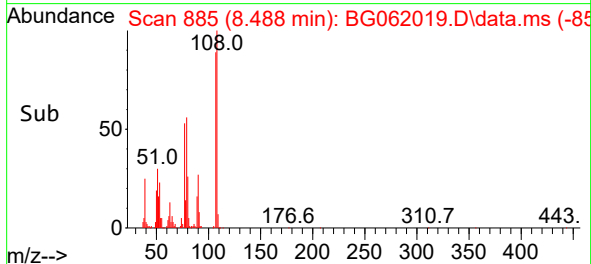
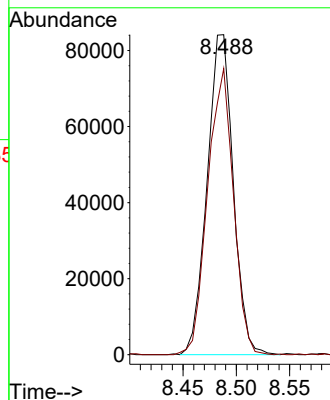
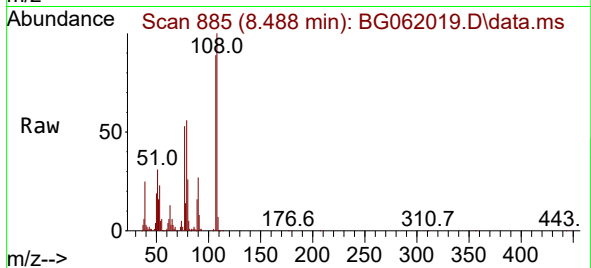
A4D00MS

Tgt Ion:108 Resp: 143488

Ion Ratio Lower Upper

108 100

107 89.4 74.9 112.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 34.253 ng/ul

RT: 8.559 min Scan# 897

Delta R.T. 0.001 min

Lab File: BG062019.D

Acq: 11 Jul 2024 21:09

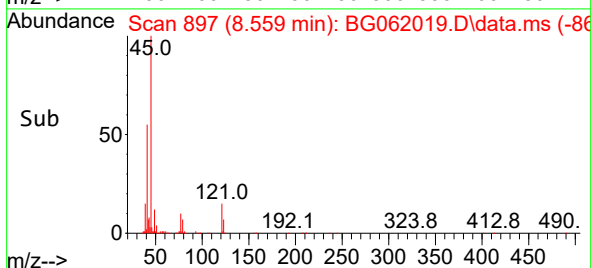
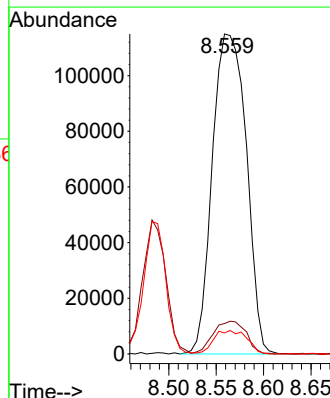
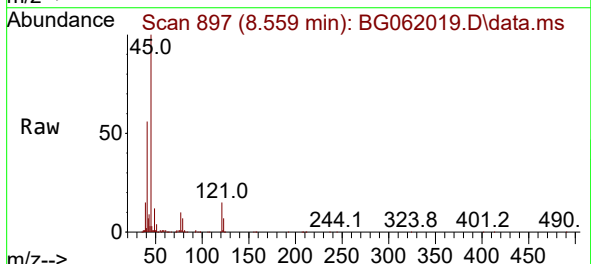
Tgt Ion: 45 Resp: 286278

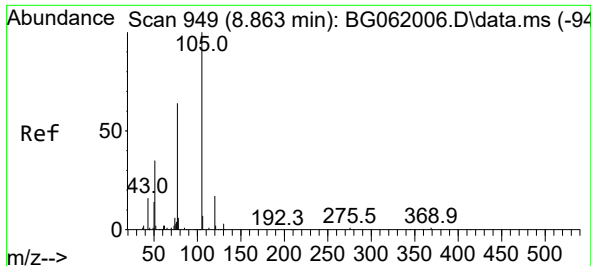
Ion Ratio Lower Upper

45 100

77 9.5 7.4 11.0

79 6.5 4.8 7.2

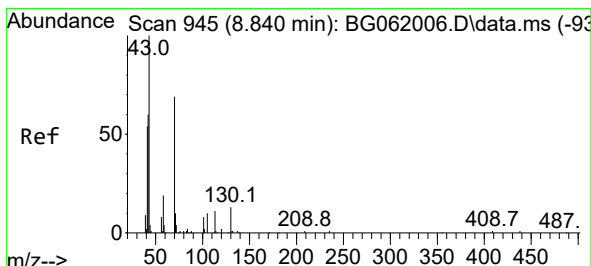
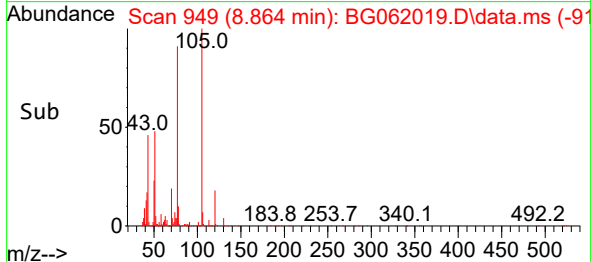
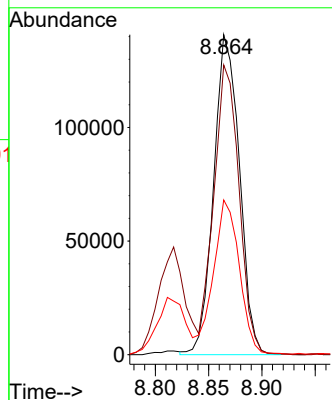
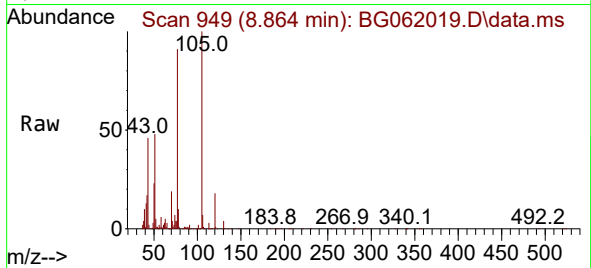




#16
Acetophenone
Concen: 37.408 ng/ul
RT: 8.864 min Scan# 949
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

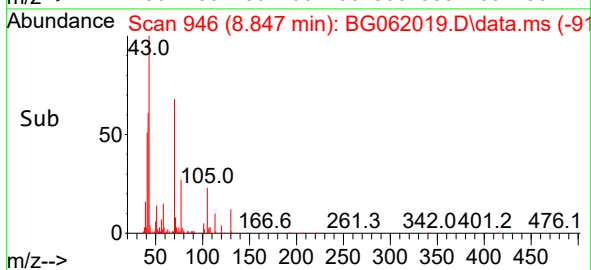
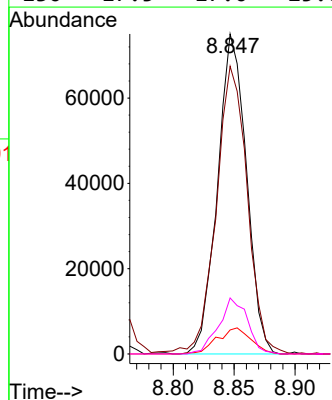
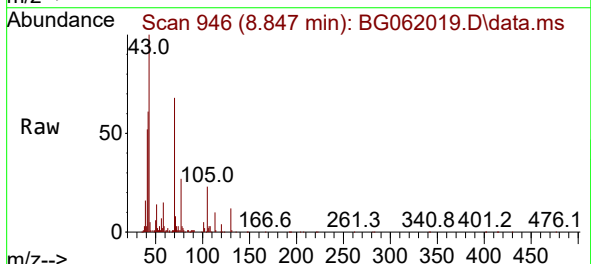
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ClientSampleId :
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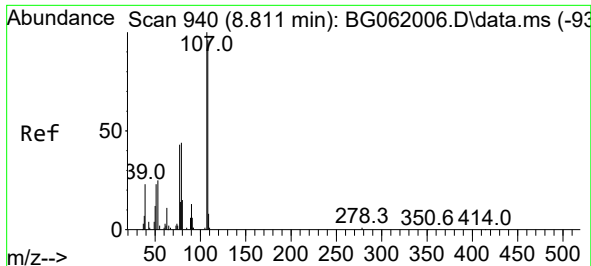
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Ion Ratio Lower Upper
105 100
77 90.6 64.1 96.1
51 48.3 33.8 50.8



#17
N-Nitroso-di-n-propylamine
Concen: 34.968 ng/ul
RT: 8.847 min Scan# 946
Delta R.T. 0.007 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion: 70 Resp: 123839
Ion Ratio Lower Upper
70 100
42 89.9 64.7 97.1
101 7.5 7.3 10.9
130 17.5 17.0 25.6

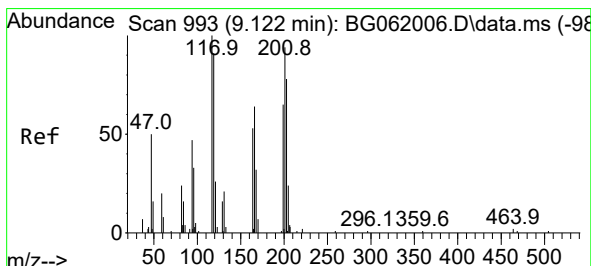
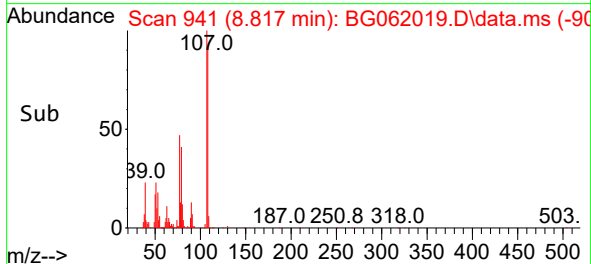
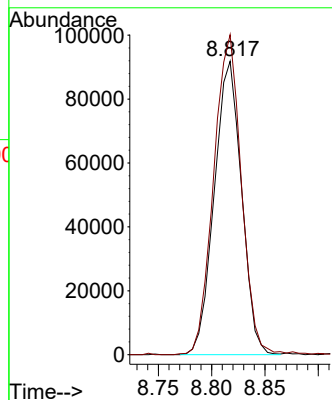
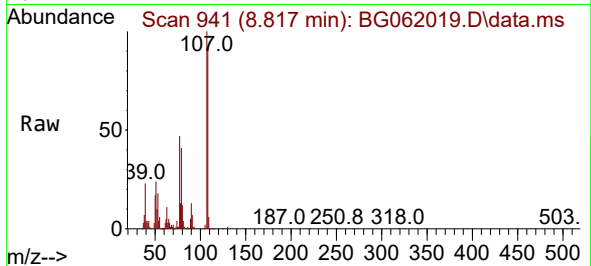




#18
4-Methylphenol
Concen: 41.074 ng/ul
RT: 8.817 min Scan# 940
Delta R.T. 0.007 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

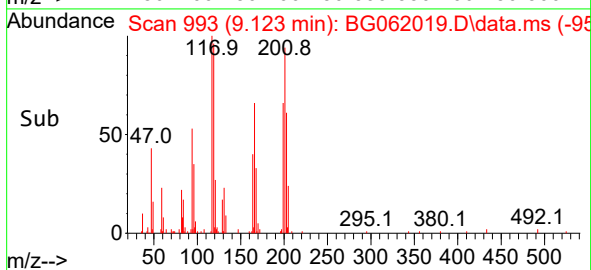
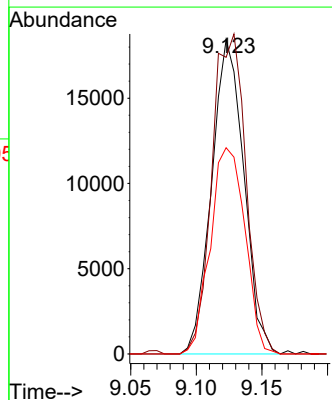
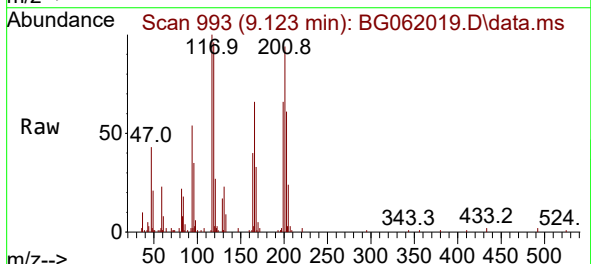
Instrument :
BNA_G
ClientSampleId :
A4D00MS

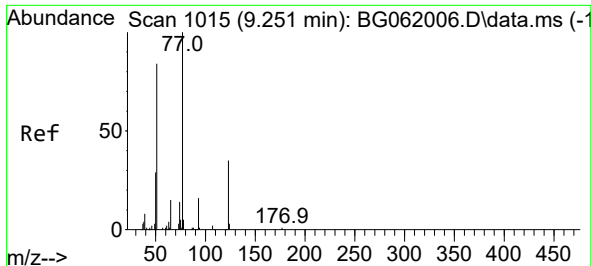
Tgt Ion:108 Resp: 163489
Ion Ratio Lower Upper
108 100
107 109.0 88.4 132.6



#19
Hexachloroethane
Concen: 21.359 ng/ul
RT: 9.123 min Scan# 993
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion:117 Resp: 31495
Ion Ratio Lower Upper
117 100
201 94.4 69.3 103.9
199 65.6 48.9 73.3

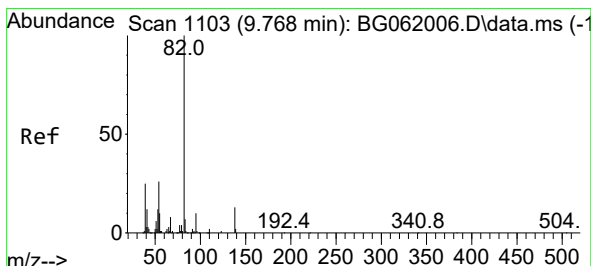
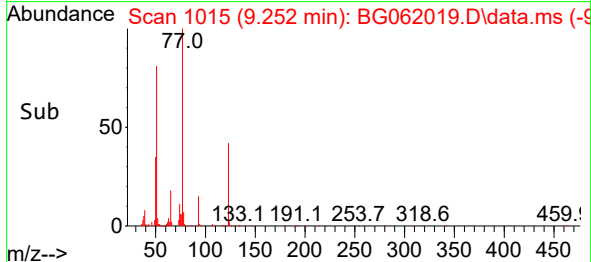
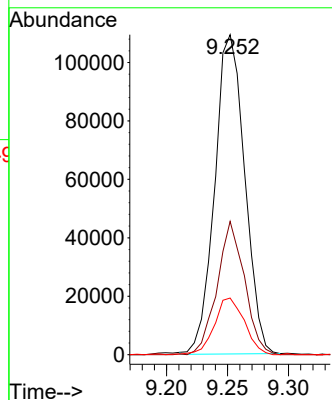
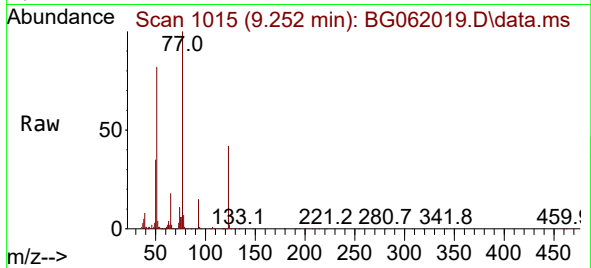




#22
Nitrobenzene
Concen: 40.893 ng/ul
RT: 9.252 min Scan# 1104
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

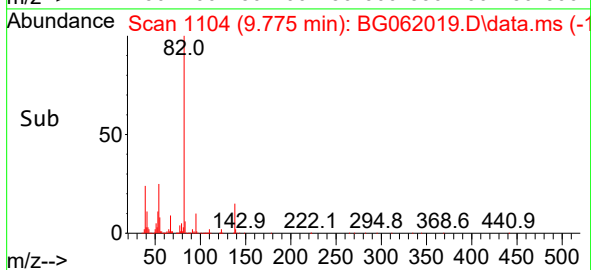
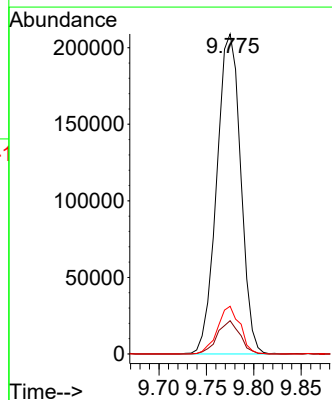
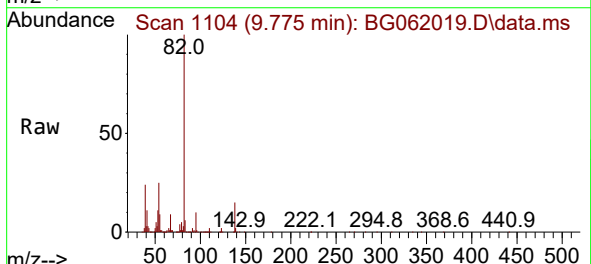
Instrument :
BNA_G
ClientSampleId :
A4D00MS

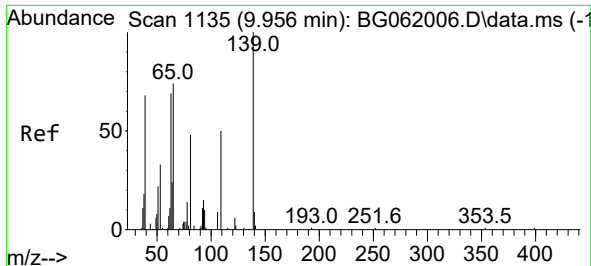
Tgt Ion: 77 Resp: 186942
Ion Ratio Lower Upper
77 100
123 41.7 31.0 46.6
65 17.7 12.7 19.1



#23
Isophorone
Concen: 35.611 ng/ul
RT: 9.775 min Scan# 1104
Delta R.T. 0.007 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion: 82 Resp: 367781
Ion Ratio Lower Upper
82 100
95 10.4 6.0 9.0#
138 14.9 11.9 17.9

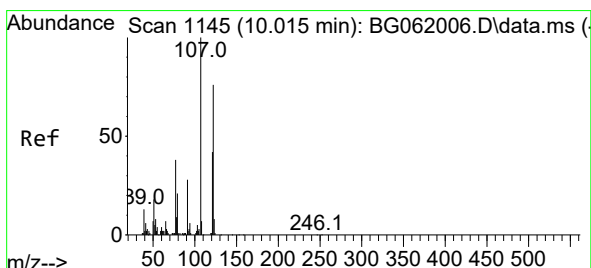
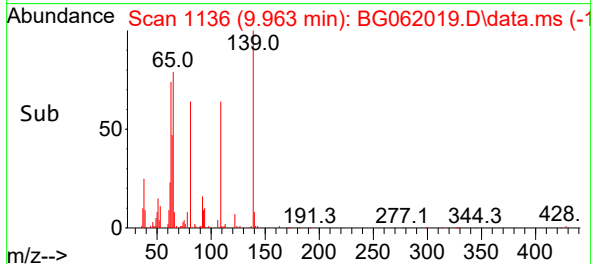
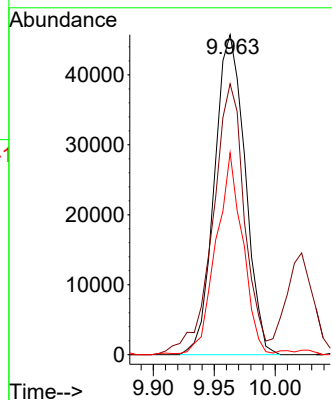
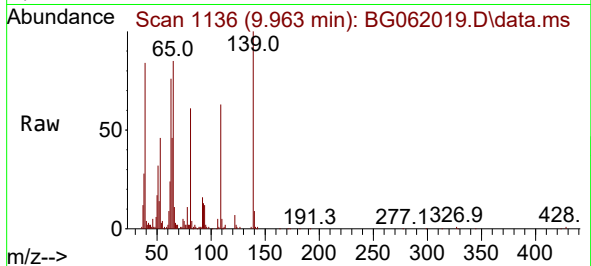




#25
2-Nitrophenol
Concen: 42.650 ng/ul
RT: 9.963 min Scan# 1135
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

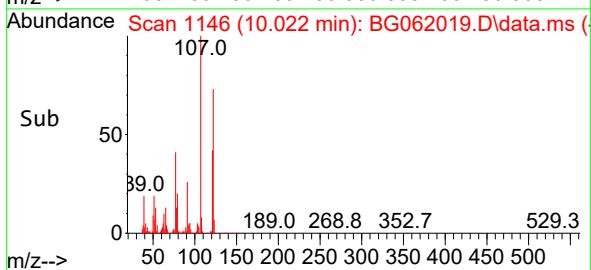
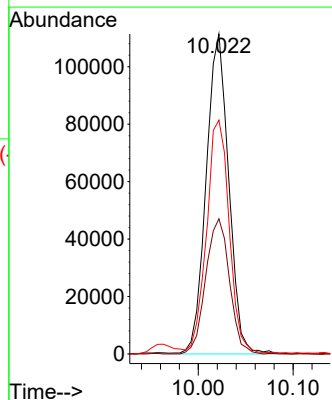
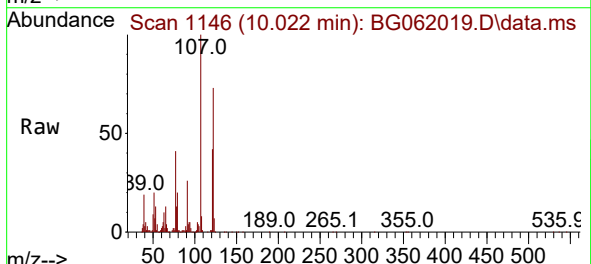
Instrument :
BNA_G
ClientSampleId :
A4D00MS

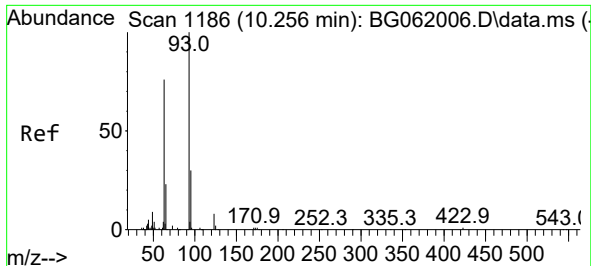
Tgt Ion:139 Resp: 79992
Ion Ratio Lower Upper
139 100
65 84.6 61.6 92.4
109 63.1 35.4 53.2#



#26
2,4-Dimethylphenol
Concen: 40.947 ng/ul
RT: 10.022 min Scan# 1146
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion:107 Resp: 183798
Ion Ratio Lower Upper
107 100
121 42.3 35.6 53.4
122 73.1 62.2 93.2

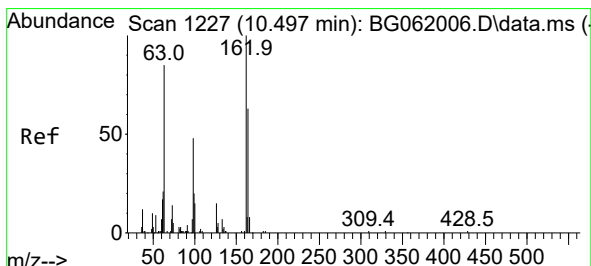
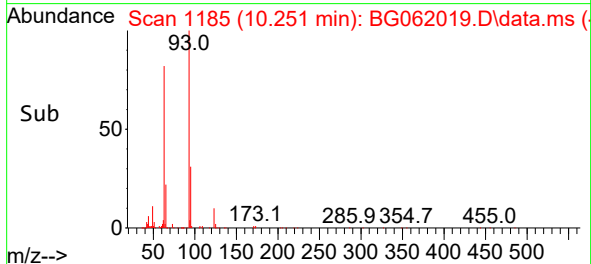
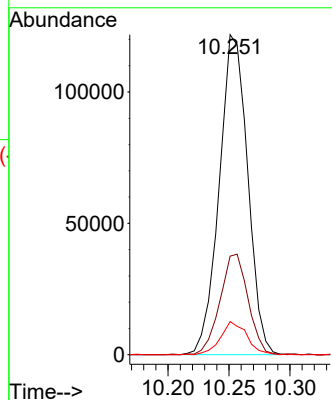
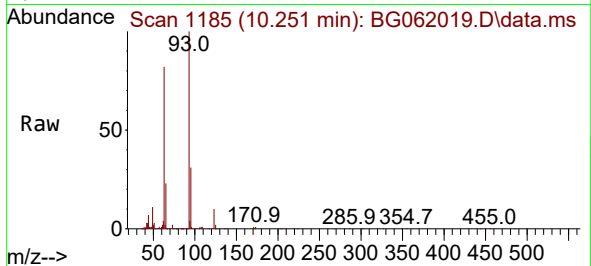




#27
 Bis(2-Chloroethoxy)methane
 Concen: 34.804 ng/ul
 RT: 10.251 min Scan# 1185
 Delta R.T. 0.001 min
 Lab File: BG062019.D
 Acq: 11 Jul 2024 21:09

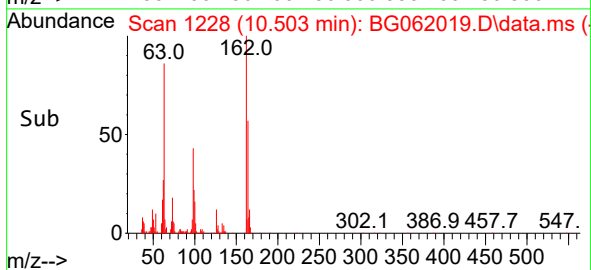
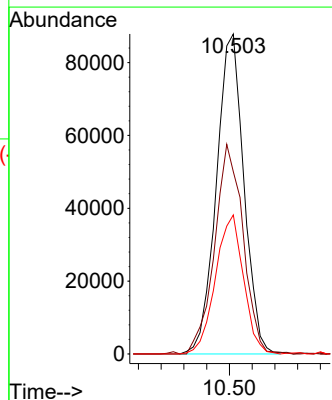
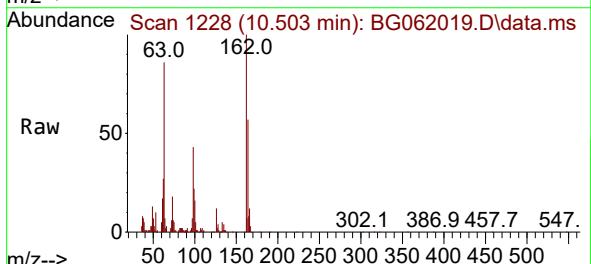
Instrument :
 BNA_G
 ClientSampleId :
 A4D00MS

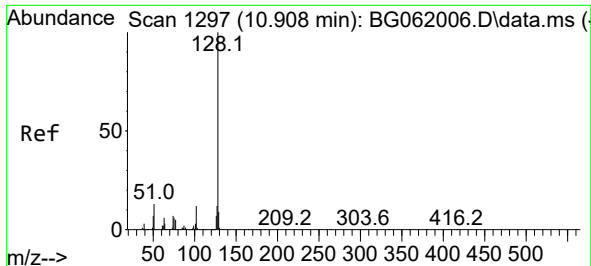
Tgt Ion: 93 Resp: 197944
 Ion Ratio Lower Upper
 93 100
 95 30.8 26.2 39.2
 123 10.4 7.5 11.3



#29
 2,4-Dichlorophenol
 Concen: 44.341 ng/ul
 RT: 10.503 min Scan# 1228
 Delta R.T. 0.007 min
 Lab File: BG062019.D
 Acq: 11 Jul 2024 21:09

Tgt Ion:162 Resp: 147752
 Ion Ratio Lower Upper
 162 100
 164 57.0 46.9 70.3
 98 43.5 33.4 50.2

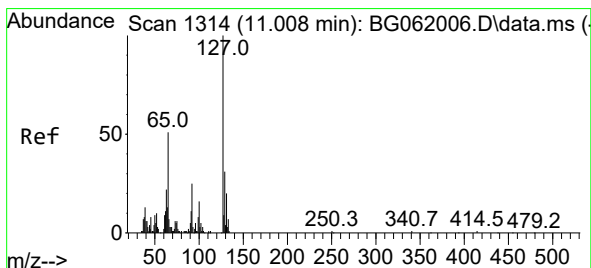
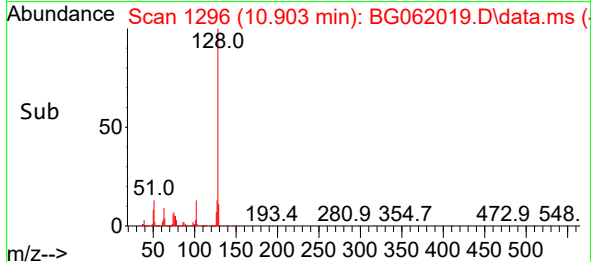
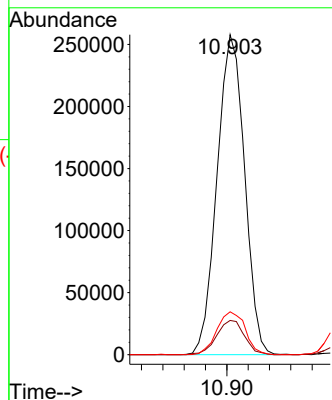
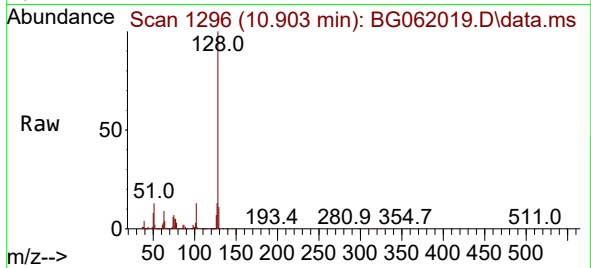




#30
Naphthalene
Concen: 39.712 ng/ul
RT: 10.903 min Scan# 1296
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

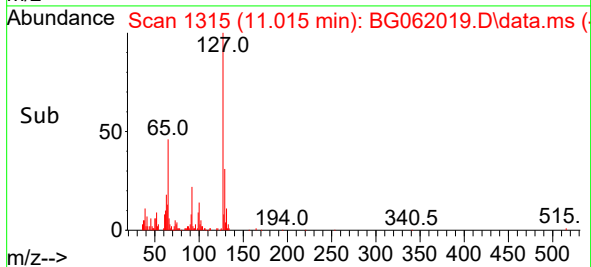
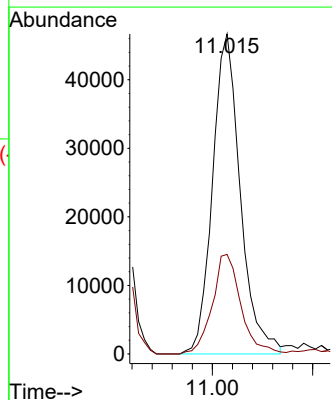
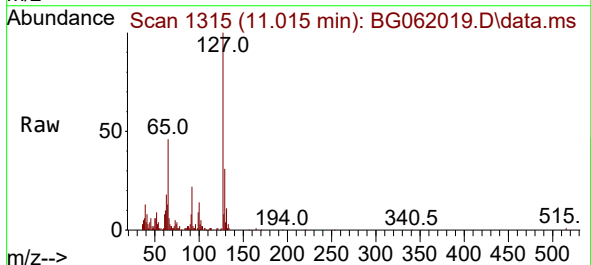
Instrument :
BNA_G
ClientSampleId :
A4D00MS

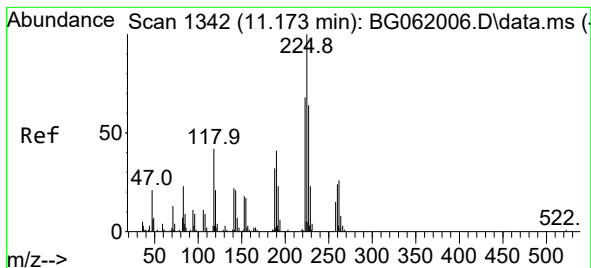
Tgt Ion:128 Resp: 461921
Ion Ratio Lower Upper
128 100
129 10.7 7.7 11.5
127 13.4 9.6 14.4



#32
4-Chloroaniline
Concen: 17.760 ng/ul
RT: 11.015 min Scan# 1315
Delta R.T. 0.007 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion:127 Resp: 89751
Ion Ratio Lower Upper
127 100
129 31.1 24.2 36.4

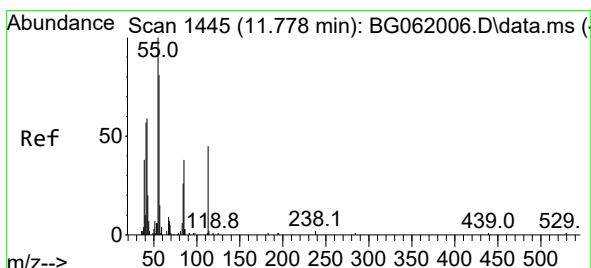
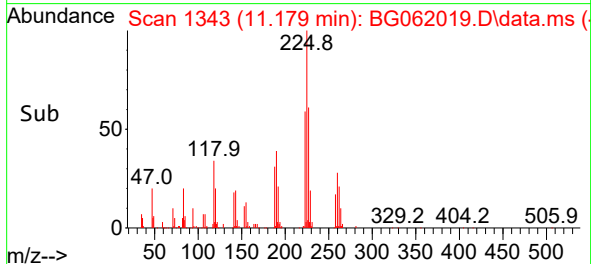
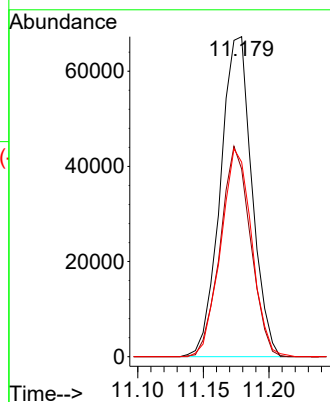
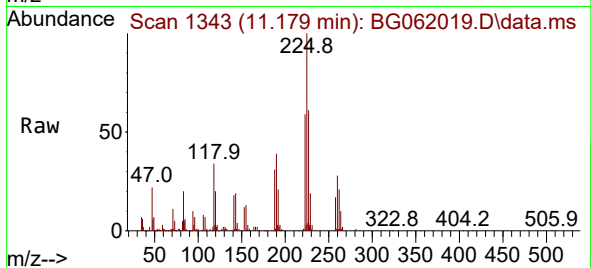




#33
Hexachlorobutadiene
Concen: 44.764 ng/ul
RT: 11.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

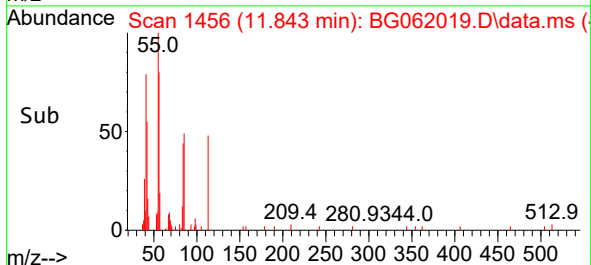
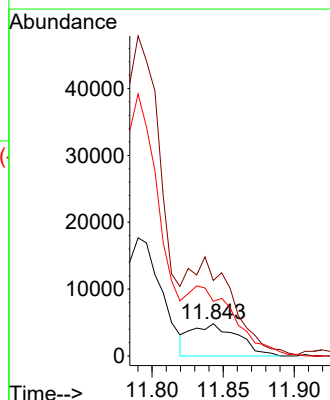
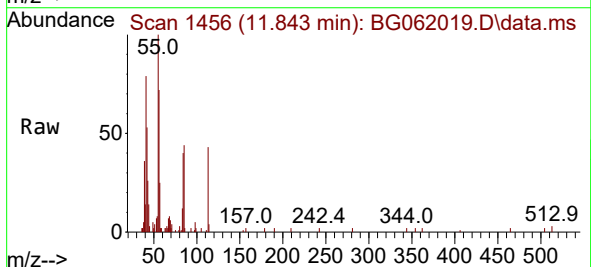
Instrument :
BNA_G
ClientSampleId :
A4D00MS

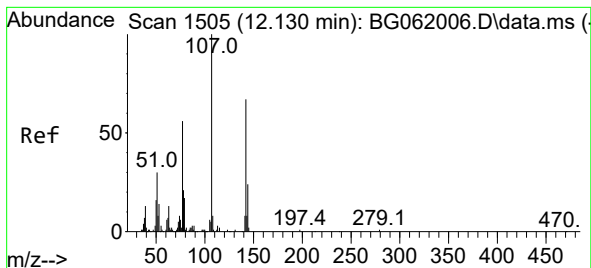
Tgt Ion:225 Resp: 112246
Ion Ratio Lower Upper
225 100
223 58.7 45.4 68.2
227 60.8 44.0 66.0



#34
Caprolactam
Concen: 8.441 ng/ul
RT: 11.843 min Scan# 1456
Delta R.T. 0.066 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion:113 Resp: 11020
Ion Ratio Lower Upper
113 100
55 233.0 184.6 276.8
56 168.3 135.0 202.6

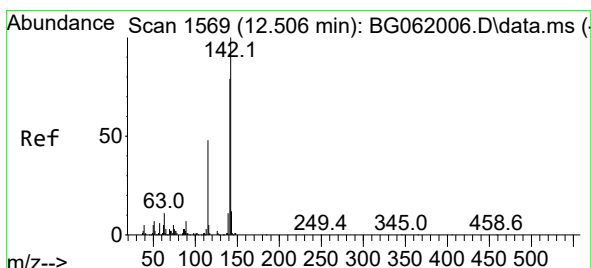
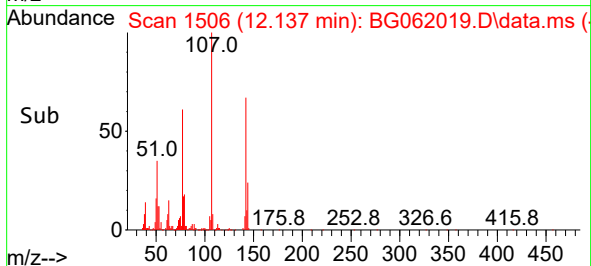
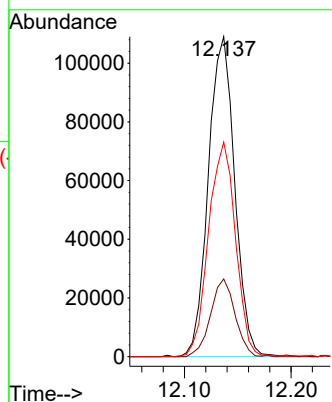
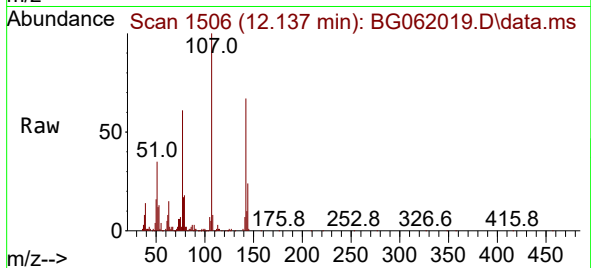




#35
 4-Chloro-3-methylphenol
 Concen: 42.190 ng/ul
 RT: 12.137 min Scan# 1505
 Delta R.T. 0.007 min
 Lab File: BG062019.D
 Acq: 11 Jul 2024 21:09

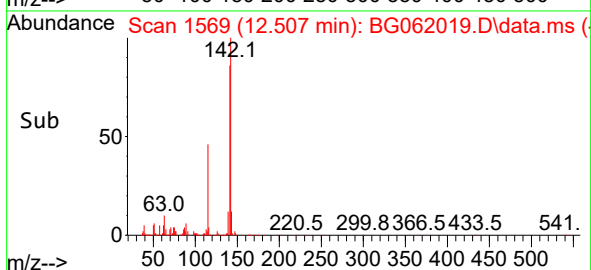
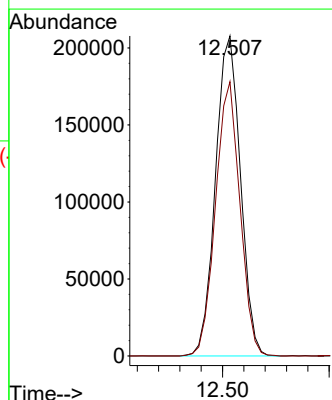
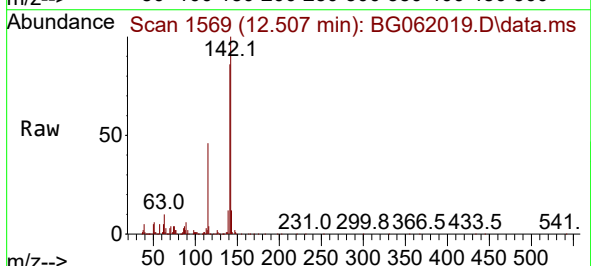
Instrument :
 BNA_G
 ClientSampleId :
 A4D00MS

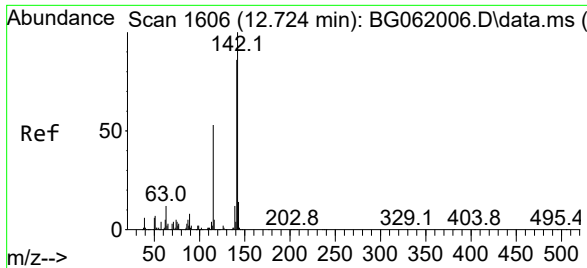
Tgt Ion:107 Resp: 187237
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.6 29.4
 142 67.1 60.3 90.5



#36
 2-Methylnaphthalene
 Concen: 40.100 ng/ul
 RT: 12.507 min Scan# 1569
 Delta R.T. 0.001 min
 Lab File: BG062019.D
 Acq: 11 Jul 2024 21:09

Tgt Ion:142 Resp: 337915
 Ion Ratio Lower Upper
 142 100
 141 85.7 69.4 104.2





#37

1-Methylnaphthalene

Concen: 39.504 ng/ul

RT: 12.724 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG062019.D

Acq: 11 Jul 2024 21:09

Instrument :

BNA_G

ClientSampleId :

A4D00MS

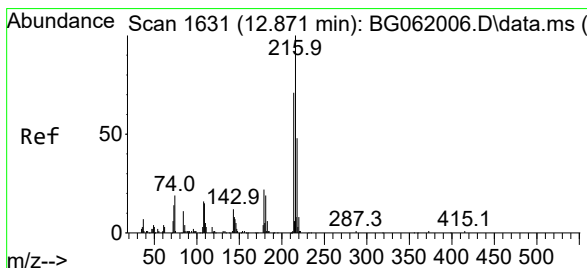
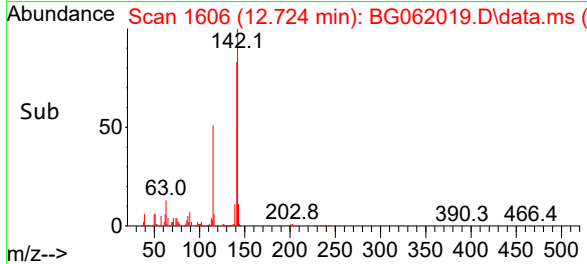
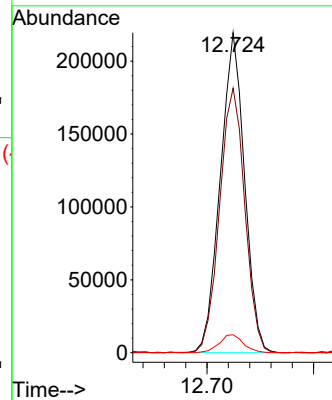
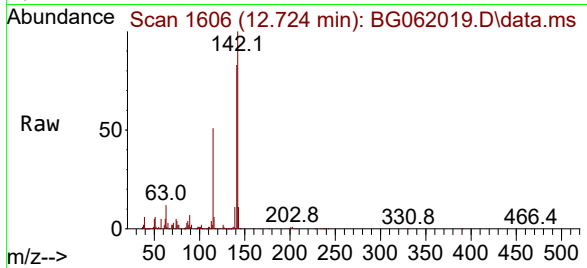
Tgt Ion:142 Resp: 345947

Ion Ratio Lower Upper

142 100

141 82.7 71.4 107.2

116 5.6 3.8 5.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.788 ng/ul

RT: 12.865 min Scan# 1630

Delta R.T. 0.001 min

Lab File: BG062019.D

Acq: 11 Jul 2024 21:09

Tgt Ion:216 Resp: 182117

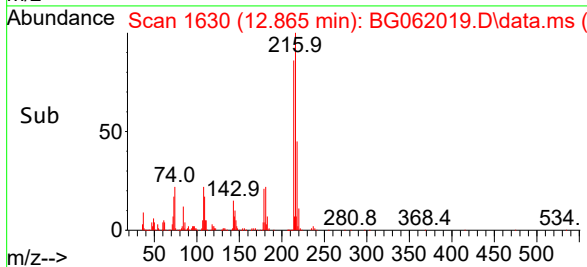
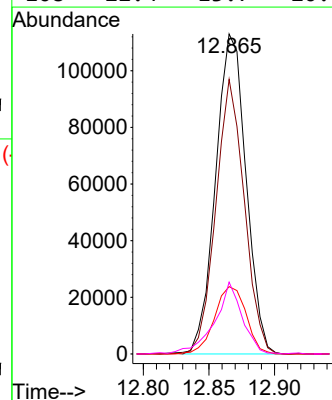
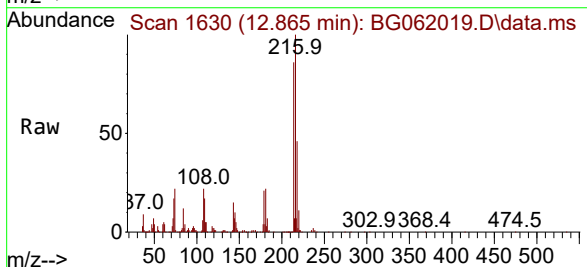
Ion Ratio Lower Upper

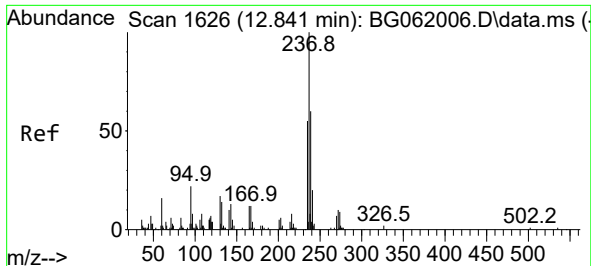
216 100

214 85.8 62.5 93.7

179 21.0 18.6 27.8

108 22.4 13.7 20.5#

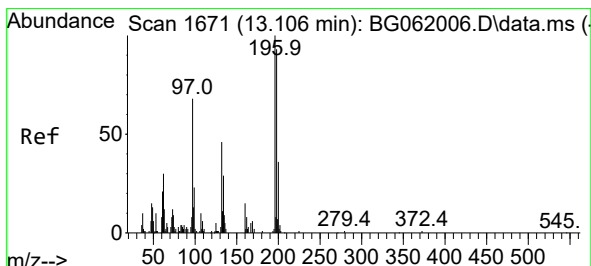
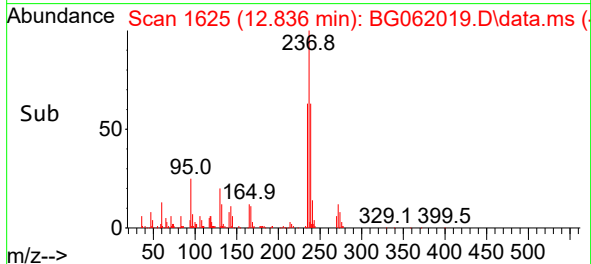
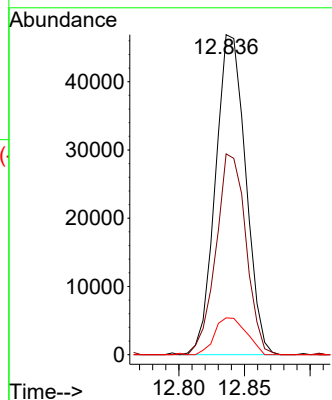
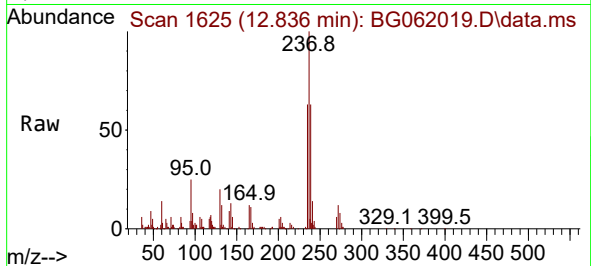




#40
Hexachlorocyclopentadiene
Concen: 27.082 ng/ul
RT: 12.836 min Scan# 1625
Delta R.T. -0.005 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

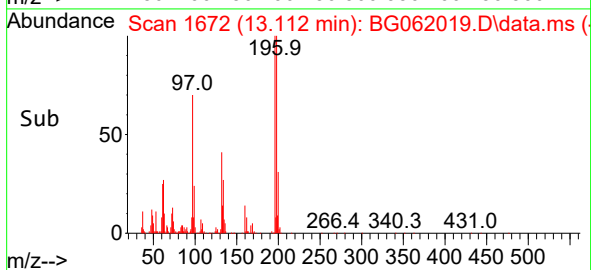
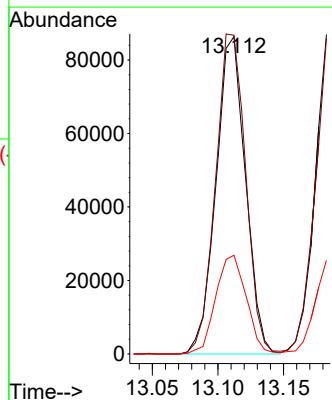
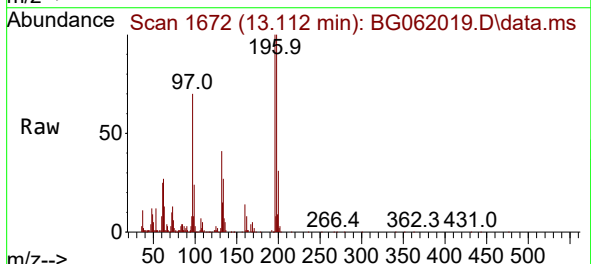
Instrument :
BNA_G
ClientSampleId :
A4D00MS

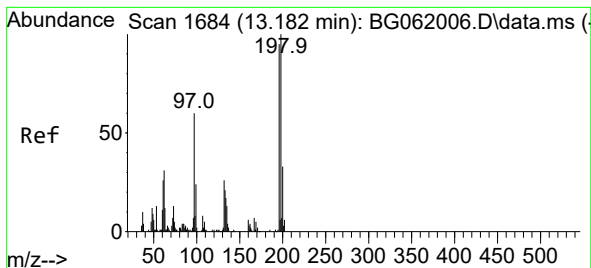
Tgt Ion:237 Resp: 74981
Ion Ratio Lower Upper
237 100
235 62.8 51.7 77.5
272 12.0 12.4 18.6#



#41
2,4,6-Trichlorophenol
Concen: 48.897 ng/ul
RT: 13.112 min Scan# 1672
Delta R.T. 0.007 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion:196 Resp: 135076
Ion Ratio Lower Upper
196 100
198 100.5 79.9 119.9
200 31.1 26.7 40.1





#42

2,4,5-Trichlorophenol

Concen: 47.280 ng/ul

RT: 13.183 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG062019.D

Acq: 11 Jul 2024 21:09

Instrument :

BNA_G

ClientSampleId :

A4D00MS

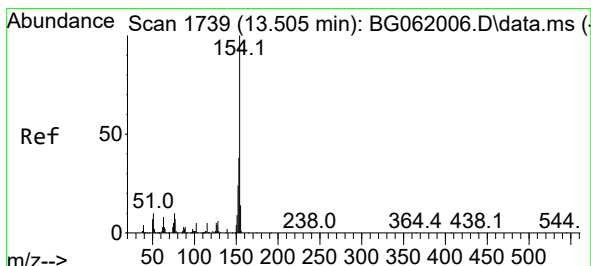
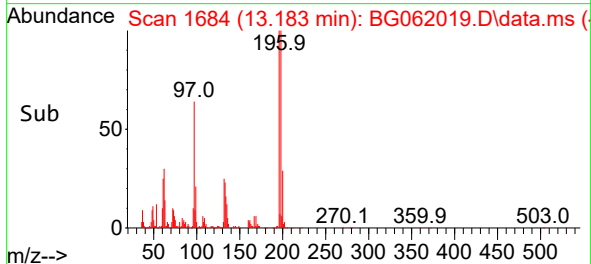
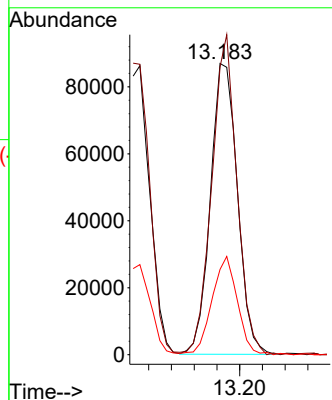
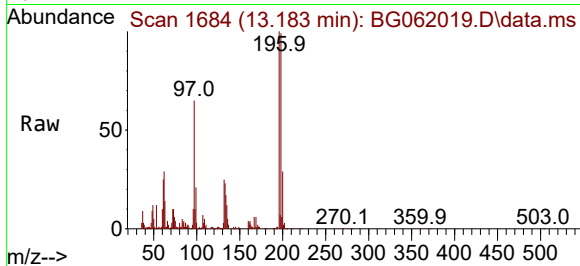
Tgt Ion:196 Resp: 143473

Ion Ratio Lower Upper

196 100

198 98.8 72.5 108.7

200 29.3 23.7 35.5



#43

1,1'-Biphenyl

Concen: 43.560 ng/ul

RT: 13.506 min Scan# 1739

Delta R.T. 0.001 min

Lab File: BG062019.D

Acq: 11 Jul 2024 21:09

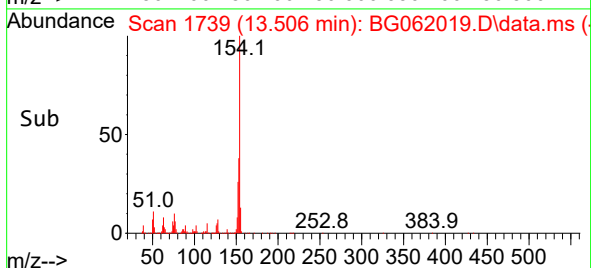
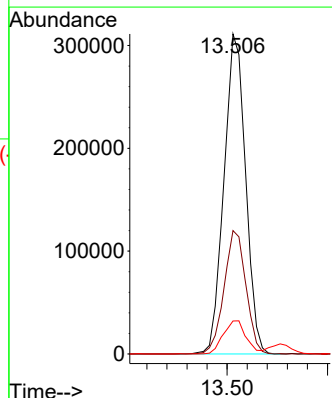
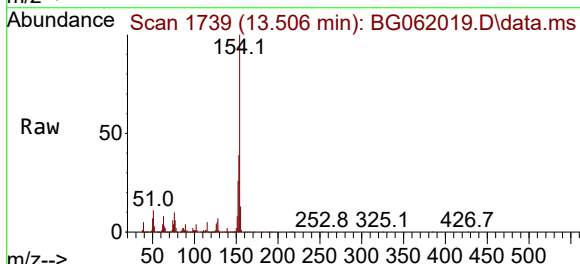
Tgt Ion:154 Resp: 464830

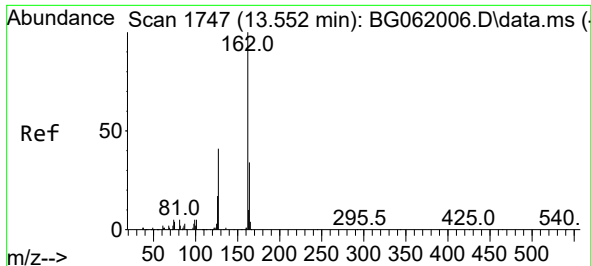
Ion Ratio Lower Upper

154 100

153 38.6 31.7 47.5

76 10.3 10.0 15.0

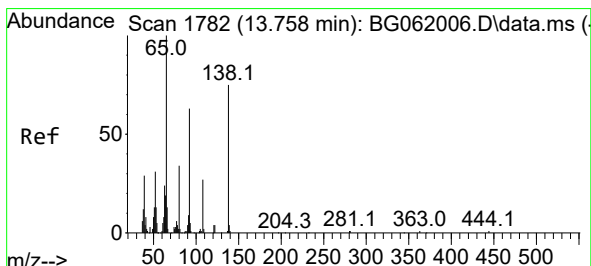
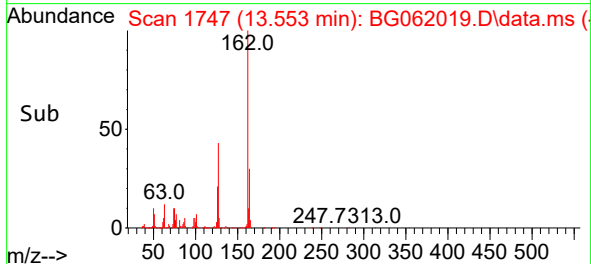
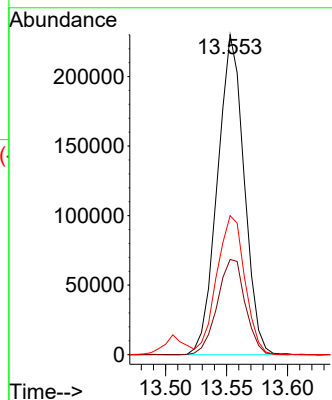
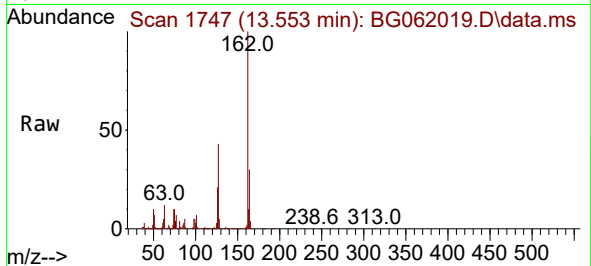




#44
2-Chloronaphthalene
Concen: 43.822 ng/ul
RT: 13.553 min Scan# 1747
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

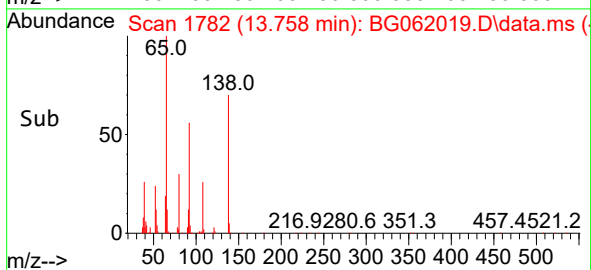
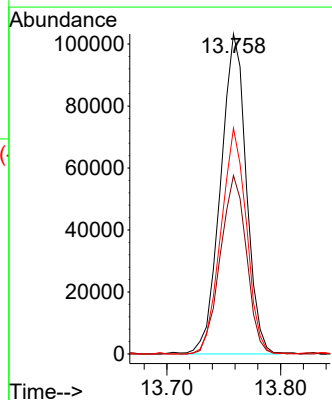
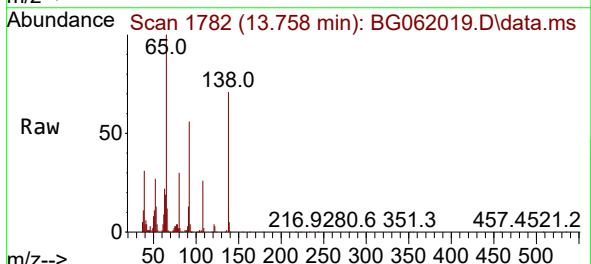
Instrument :
BNA_G
ClientSampleId :
A4D00MS

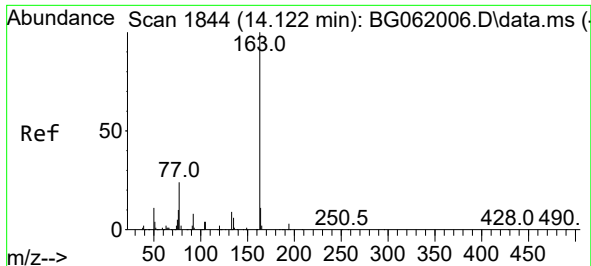
Tgt Ion:162 Resp: 350958
Ion Ratio Lower Upper
162 100
164 29.7 23.3 34.9
127 43.4 33.2 49.8



#45
2-Nitroaniline
Concen: 50.519 ng/ul
RT: 13.758 min Scan# 1782
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion: 65 Resp: 162021
Ion Ratio Lower Upper
65 100
92 55.7 48.2 72.4
138 70.5 56.8 85.2





#47

Dimethylphthalate

Concen: 41.289 ng/ul

RT: 14.123 min Scan# 1844

Delta R.T. 0.001 min

Lab File: BG062019.D

Acq: 11 Jul 2024 21:09

Instrument :

BNA_G

ClientSampleId :

A4D00MS

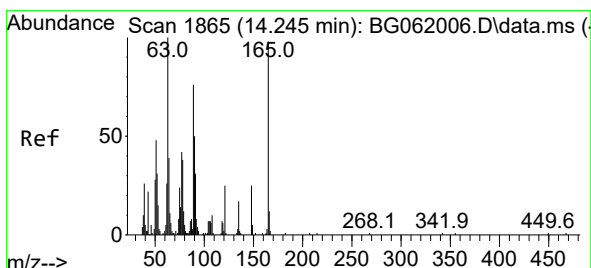
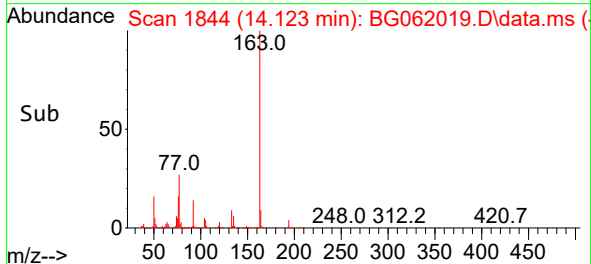
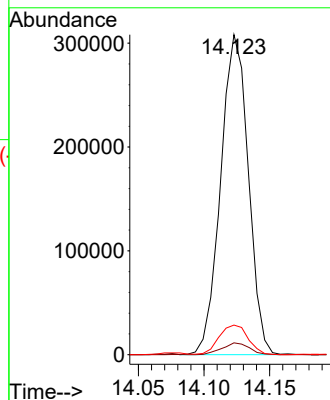
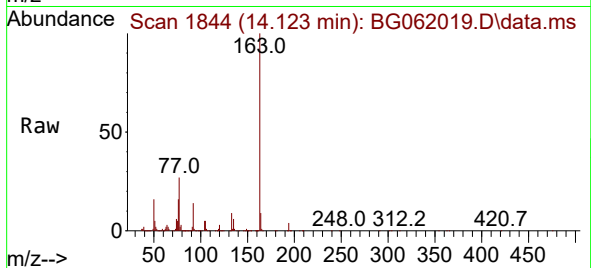
Tgt Ion:163 Resp: 452193

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

164 9.3 8.2 12.4



#48

2,6-Dinitrotoluene

Concen: 48.703 ng/ul

RT: 14.252 min Scan# 1866

Delta R.T. 0.001 min

Lab File: BG062019.D

Acq: 11 Jul 2024 21:09

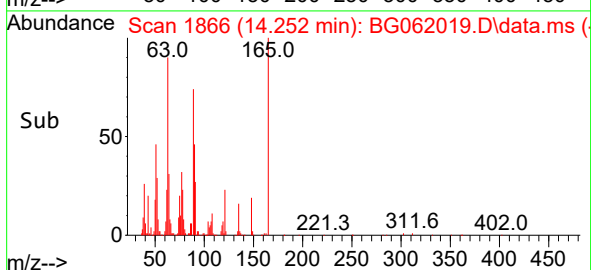
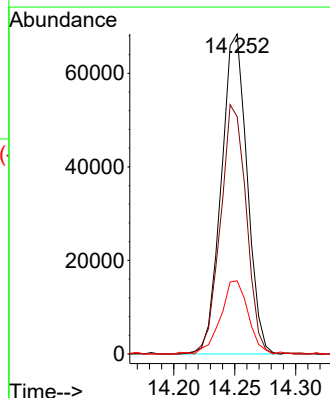
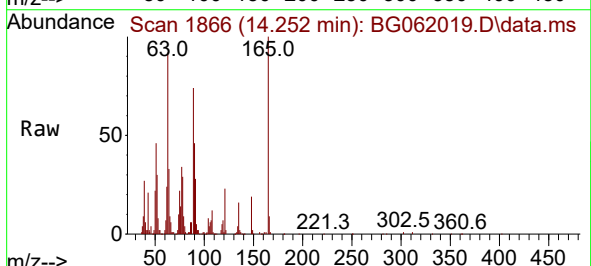
Tgt Ion:165 Resp: 101187

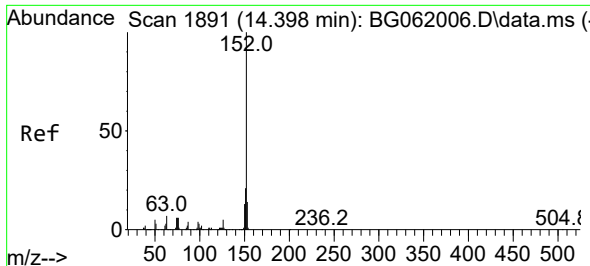
Ion Ratio Lower Upper

165 100

89 74.1 62.6 93.8

121 22.9 18.4 27.6

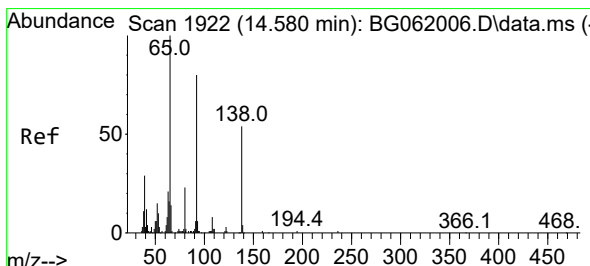
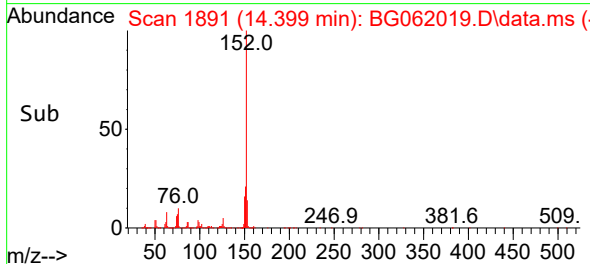
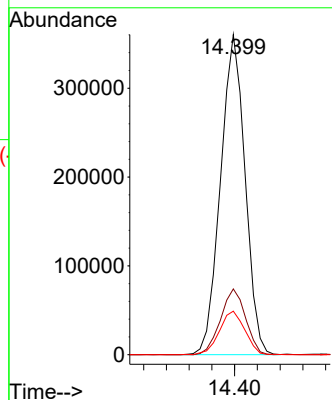
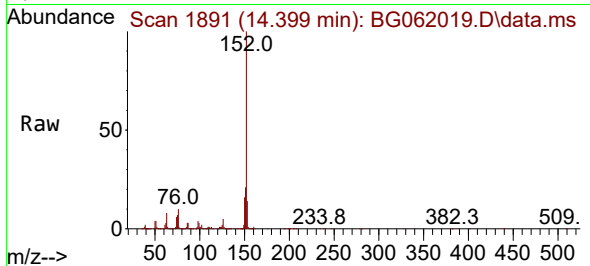




#50
Acenaphthylene
Concen: 41.332 ng/ul
RT: 14.399 min Scan# 1891
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

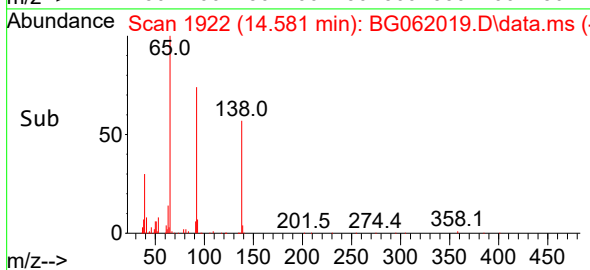
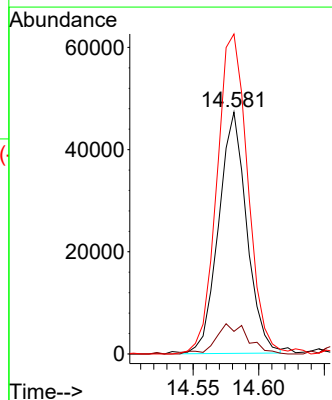
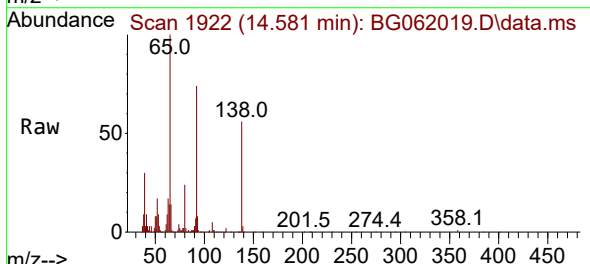
Instrument :
BNA_G
ClientSampleId :
A4D00MS

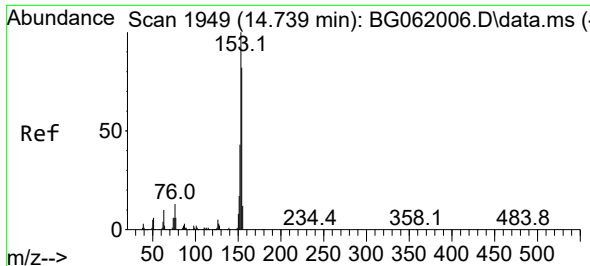
Tgt Ion:152 Resp: 540088
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 13.6 11.4 17.0



#51
3-Nitroaniline
Concen: 34.735 ng/ul
RT: 14.581 min Scan# 1922
Delta R.T. 0.007 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion:138 Resp: 70248
Ion Ratio Lower Upper
138 100
108 9.4 12.3 18.5#
92 132.4 116.3 174.5

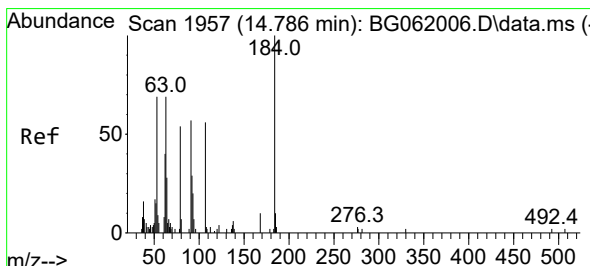
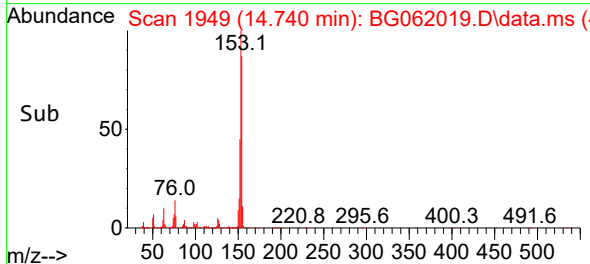
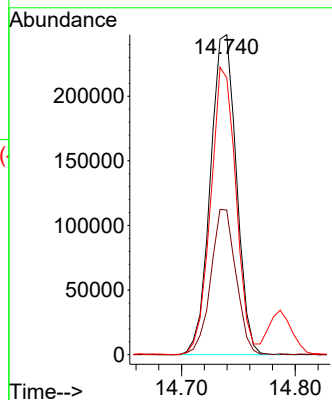
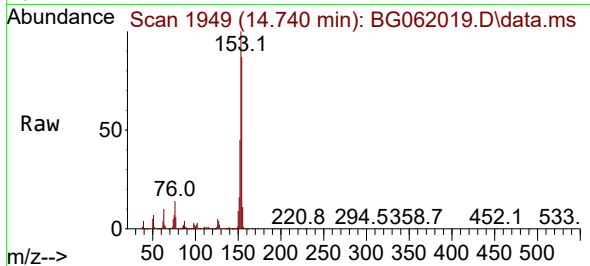




#52
Acenaphthene
Concen: 43.645 ng/ul
RT: 14.740 min Scan# 1949
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

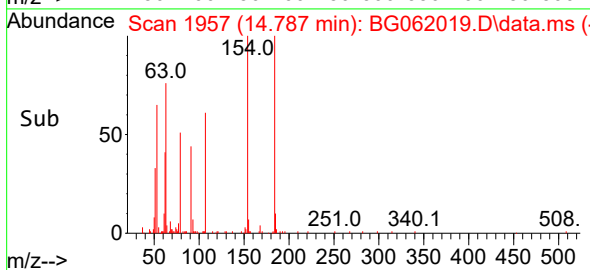
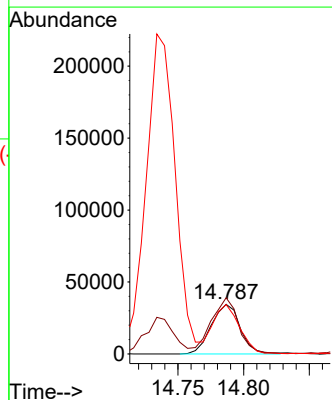
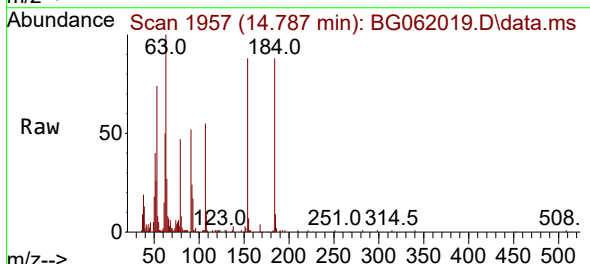
Instrument :
BNA_G
ClientSampleId :
A4D00MS

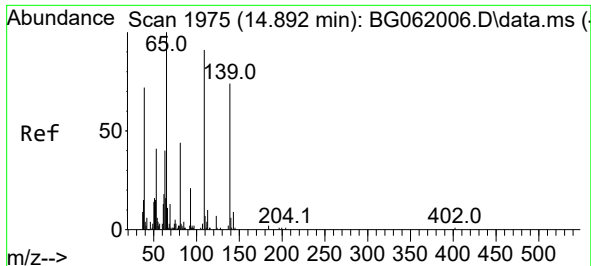
Tgt Ion:153 Resp: 393807
Ion Ratio Lower Upper
153 100
152 45.2 37.2 55.8
154 86.6 75.0 112.6



#53
2,4-Dinitrophenol
Concen: 48.889 ng/ul
RT: 14.787 min Scan# 1957
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion:184 Resp: 53067
Ion Ratio Lower Upper
184 100
63 113.2 83.6 125.4
154 99.7 66.8 100.2

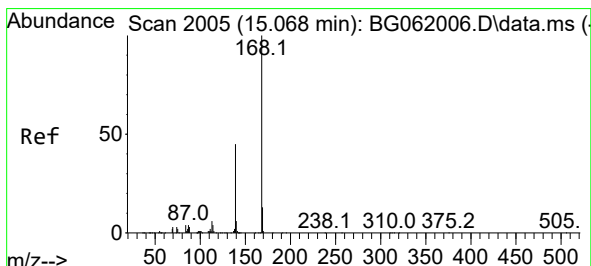
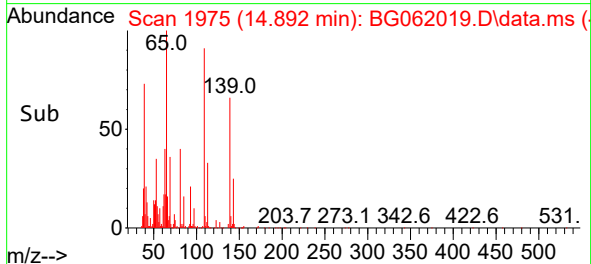
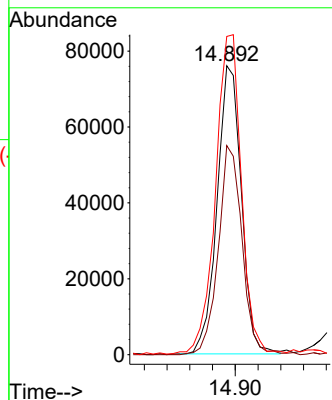
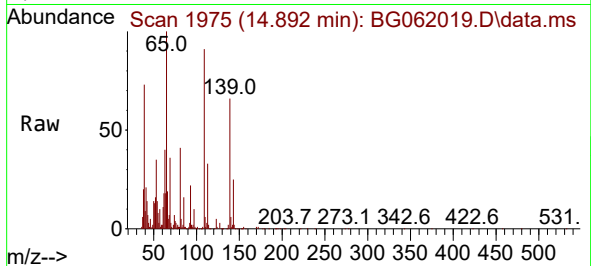




#55
4-Nitrophenol
Concen: 54.372 ng/ul
RT: 14.892 min Scan# 1975
Delta R.T. 0.007 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

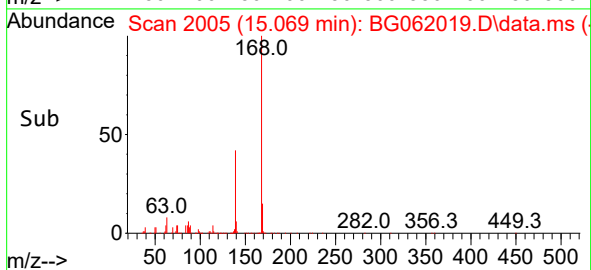
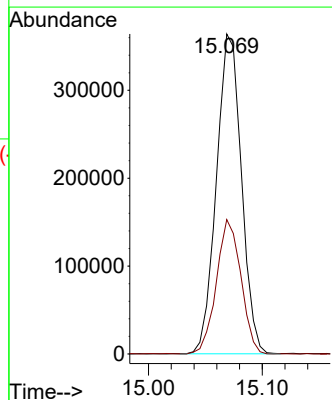
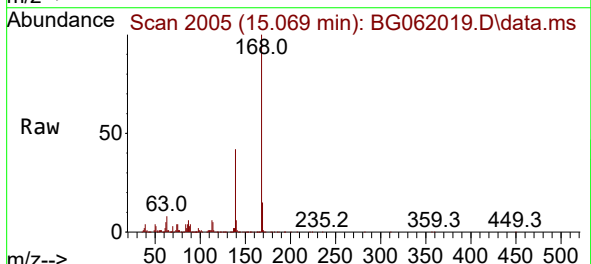
Instrument :
BNA_G
ClientSampleId :
A4D00MS

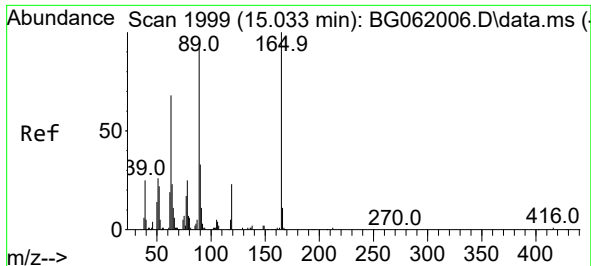
Tgt Ion:109 Resp: 112840
Ion Ratio Lower Upper
109 100
139 72.4 67.4 101.2
65 110.2 102.1 153.1



#56
Dibenzofuran
Concen: 43.563 ng/ul
RT: 15.069 min Scan# 2005
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion:168 Resp: 555541
Ion Ratio Lower Upper
168 100
139 42.0 31.0 46.4

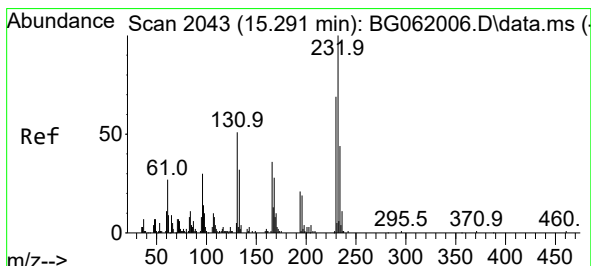
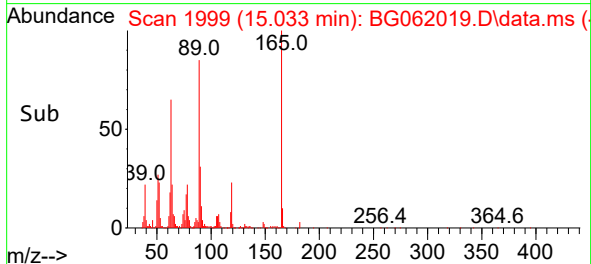
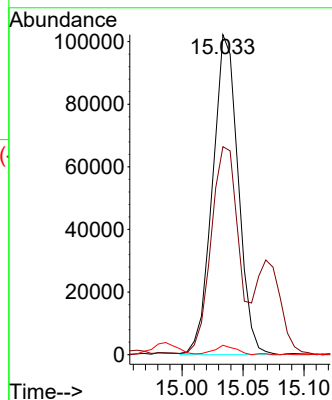
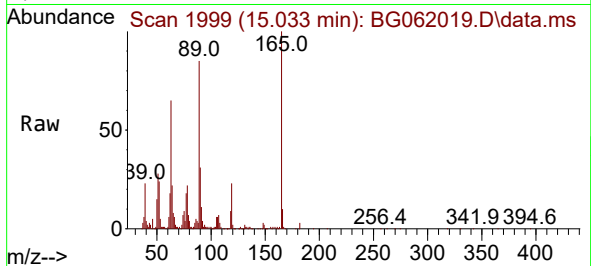




#57
2,4-Dinitrotoluene
Concen: 49.048 ng/ul
RT: 15.033 min Scan# 1999
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

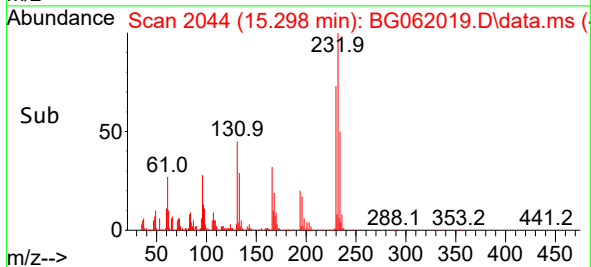
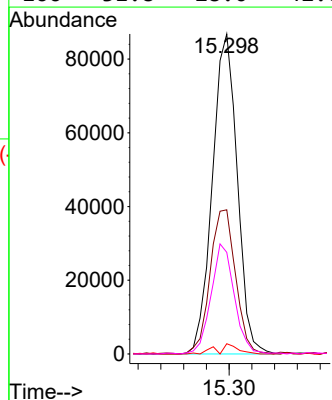
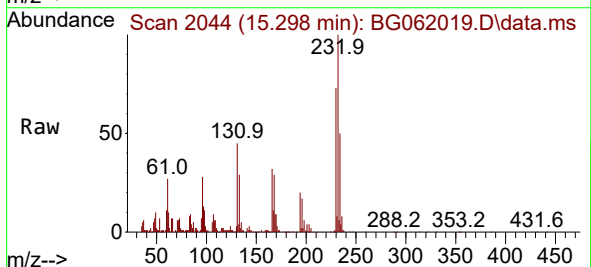
Instrument :
BNA_G
ClientSampleId :
A4D00MS

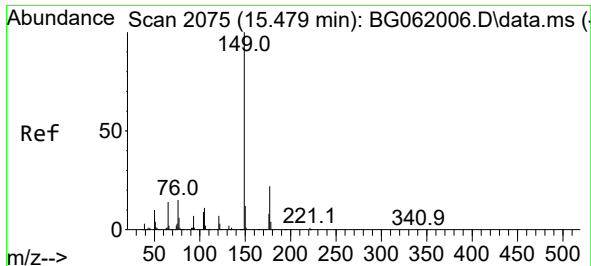
Tgt Ion:165 Resp: 149446
Ion Ratio Lower Upper
165 100
63 65.0 44.9 67.3
182 3.0 2.6 3.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 48.106 ng/ul
RT: 15.298 min Scan# 2044
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion:232 Resp: 131820
Ion Ratio Lower Upper
232 100
131 45.1 35.8 53.8
130 3.2 2.0 3.0#
166 31.8 28.0 42.0

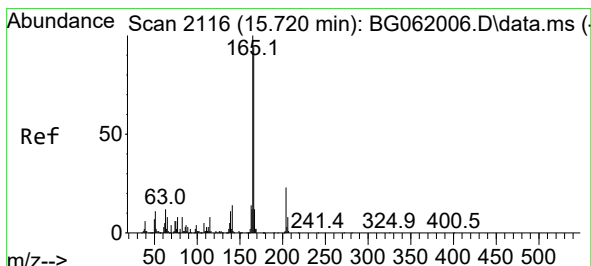
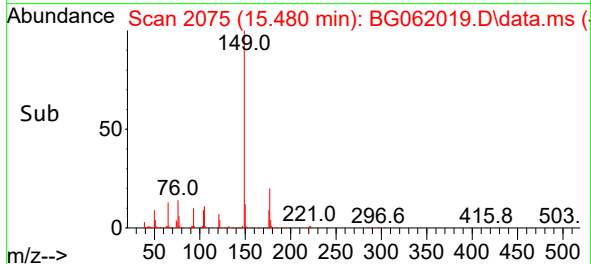
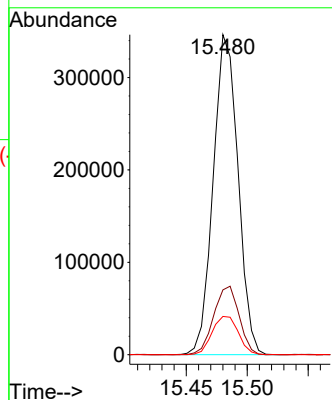
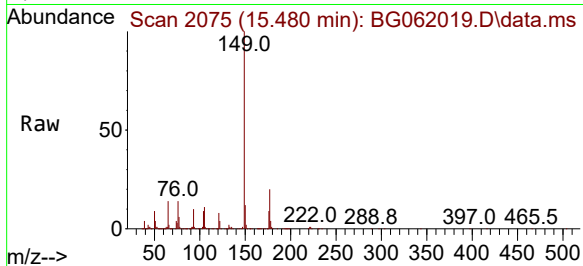




#59
Diethylphthalate
Concen: 41.556 ng/ul
RT: 15.480 min Scan# 2075
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

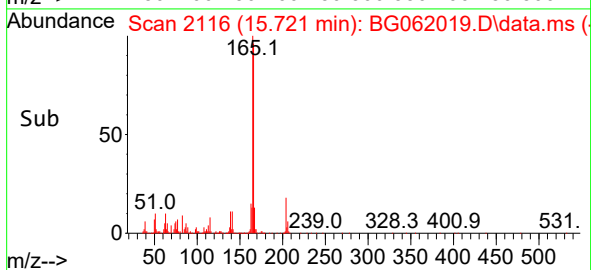
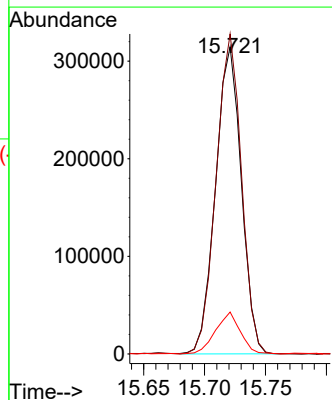
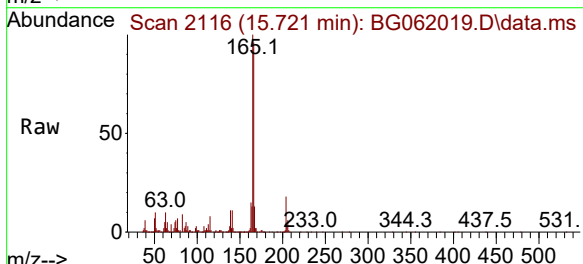
Instrument :
BNA_G
ClientSampleId :
A4D00MS

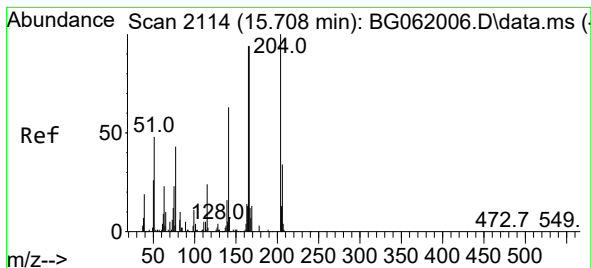
Tgt Ion:149 Resp: 490431
Ion Ratio Lower Upper
149 100
177 20.3 16.3 24.5
150 11.9 9.6 14.4



#61
Fluorene
Concen: 42.681 ng/ul
RT: 15.721 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion:166 Resp: 462884
Ion Ratio Lower Upper
166 100
165 104.2 78.4 117.6
167 13.6 10.4 15.6

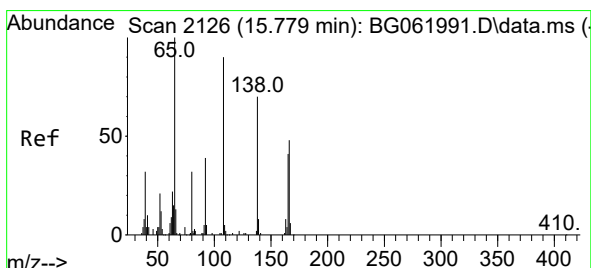
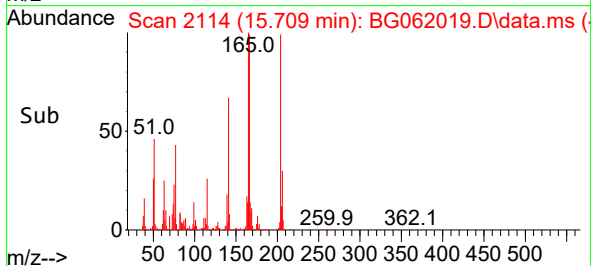
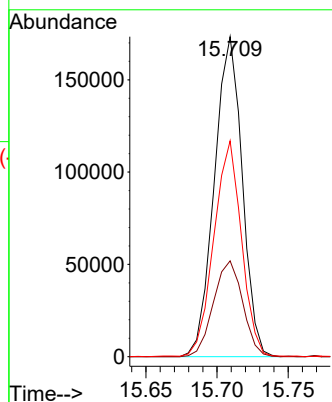
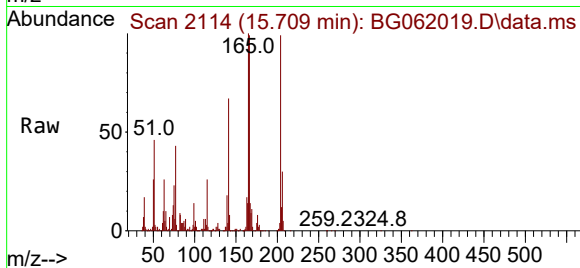




#62
4-Chlorophenyl-phenylether
Concen: 43.396 ng/ul
RT: 15.709 min Scan# 2114
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

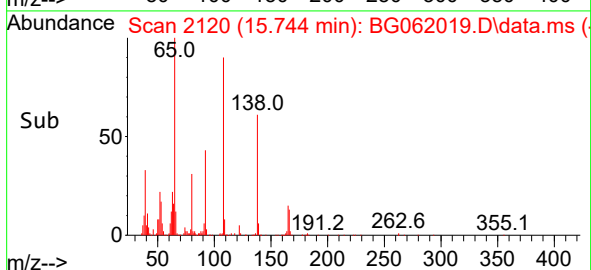
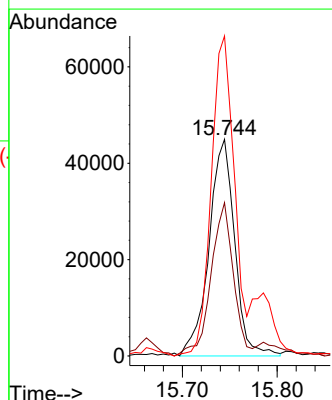
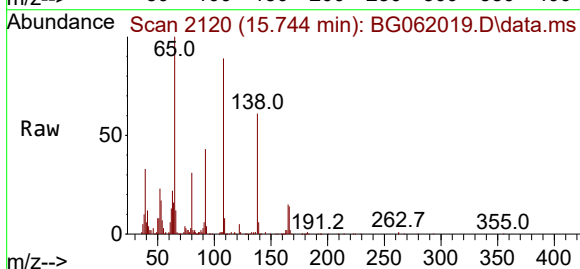
Instrument :
BNA_G
ClientSampleId :
A4D00MS

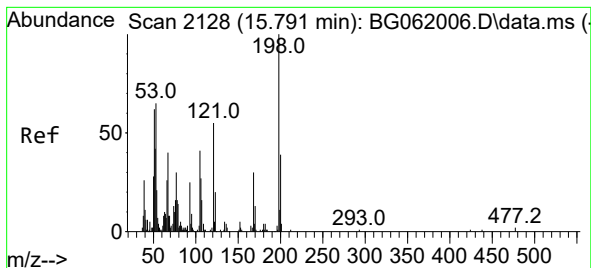
Tgt Ion:204 Resp: 236401
Ion Ratio Lower Upper
204 100
206 30.0 24.5 36.7
141 67.4 46.6 69.8



#63
4-Nitroaniline
Concen: 41.265 ng/ul
RT: 15.744 min Scan# 2120
Delta R.T. 0.007 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion:138 Resp: 84680
Ion Ratio Lower Upper
138 100
92 70.7 52.3 78.5
108 147.7 94.1 141.1#

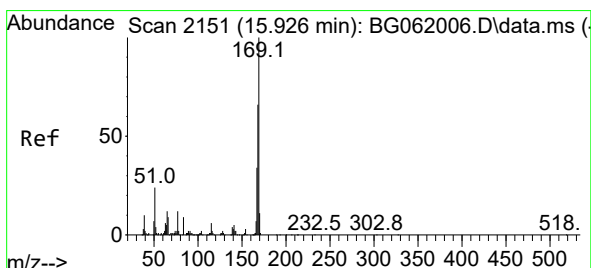
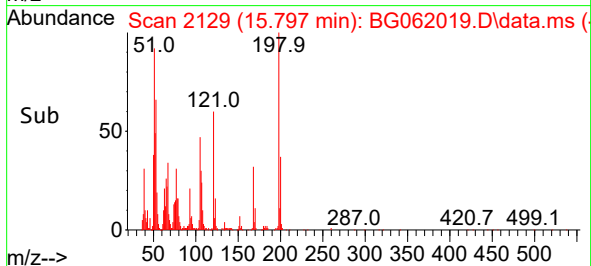
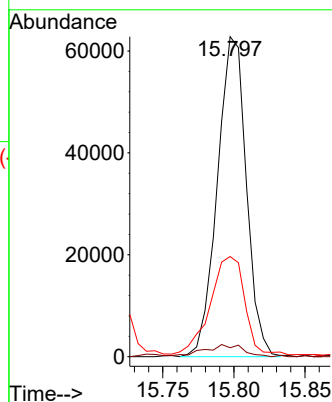
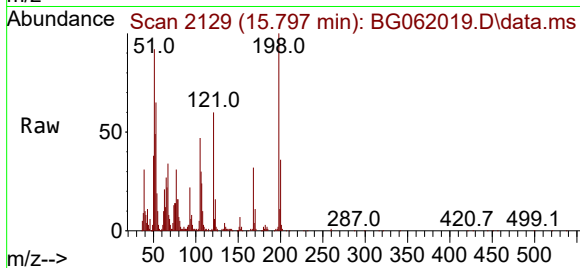




#66
4,6-Dinitro-2-methylphenol
Concen: 49.115 ng/ul
RT: 15.797 min Scan# 2128
Delta R.T. 0.007 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

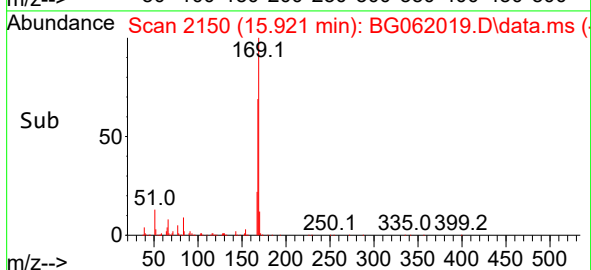
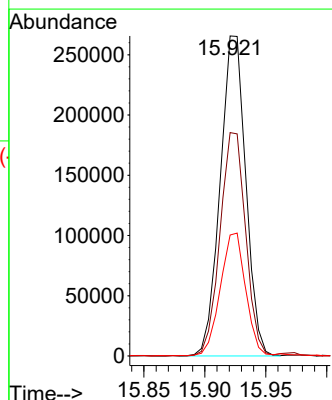
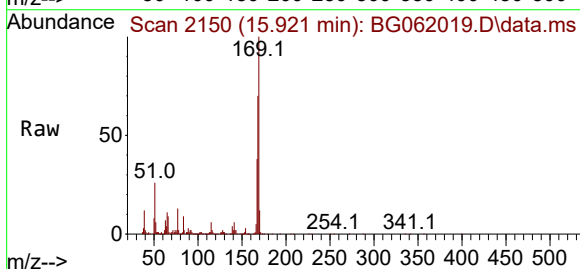
Instrument :
BNA_G
ClientSampleId :
A4D00MS

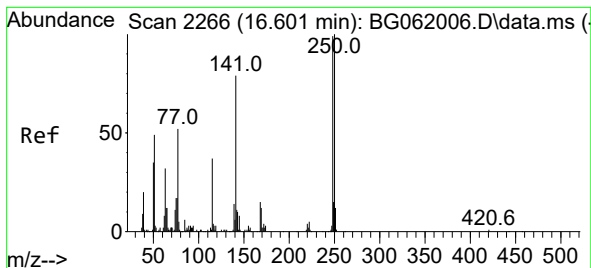
Tgt Ion:198 Resp: 89063
Ion Ratio Lower Upper
198 100
182 2.8 3.6 5.4#
77 31.3 21.8 32.8



#67
N-Nitrosodiphenylamine
Concen: 44.416 ng/ul
RT: 15.921 min Scan# 2150
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion:169 Resp: 389159
Ion Ratio Lower Upper
169 100
168 69.8 55.6 83.4
167 37.8 29.8 44.8

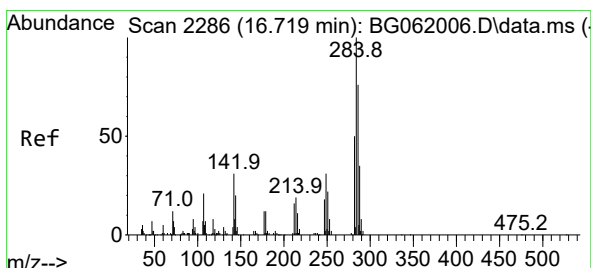
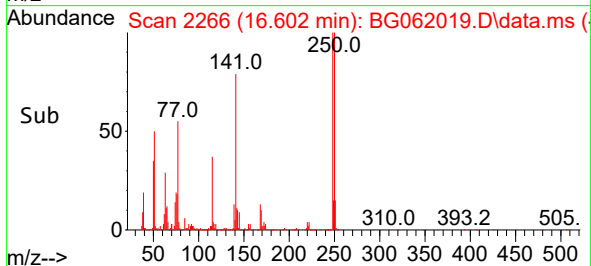
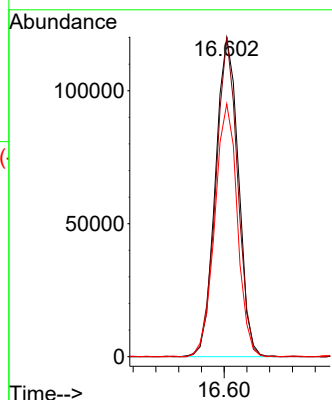
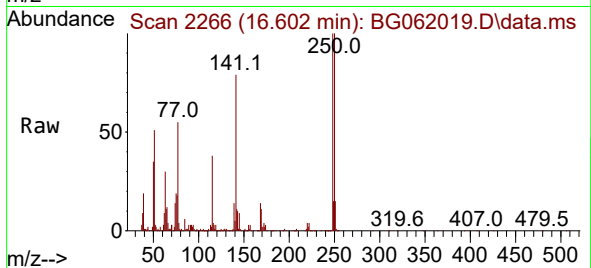




#68
4-Bromophenyl-phenylether
Concen: 46.271 ng/ul
RT: 16.602 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

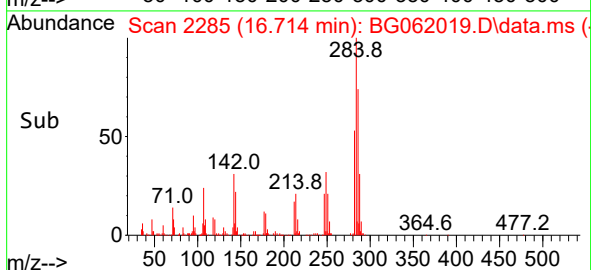
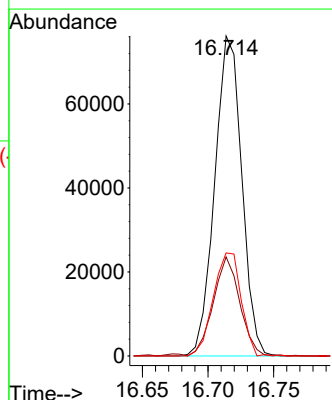
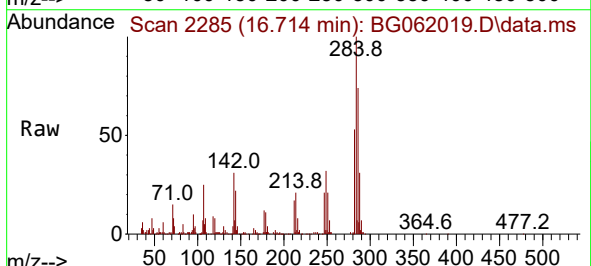
Instrument :
BNA_G
ClientSampleId :
A4D00MS

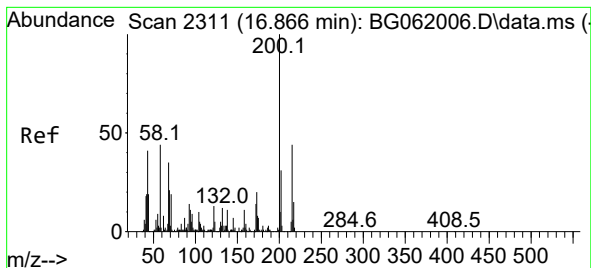
Tgt Ion:248 Resp: 168413
Ion Ratio Lower Upper
248 100
250 100.3 77.2 115.8
141 79.3 57.8 86.8



#69
Hexachlorobenzene
Concen: 26.069 ng/ul
RT: 16.714 min Scan# 2285
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion:284 Resp: 109106
Ion Ratio Lower Upper
284 100
142 30.9 26.4 39.6
249 32.2 27.2 40.8





#70

Atrazine

Concen: 35.740 ng/ul

RT: 16.872 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG062019.D

Acq: 11 Jul 2024 21:09

Instrument :

BNA_G

ClientSampleId :

A4D00MS

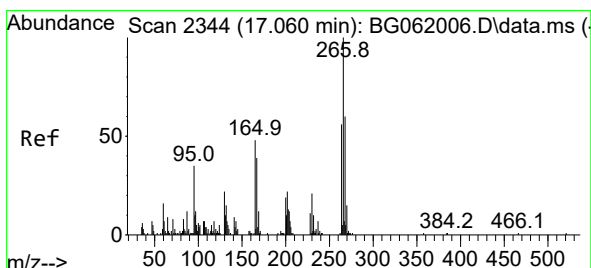
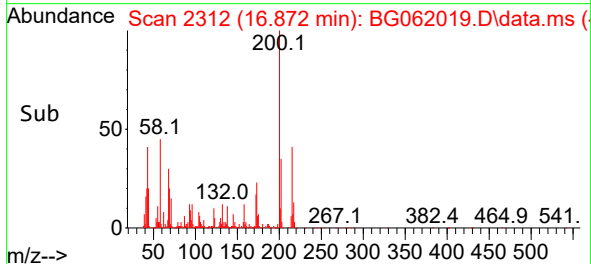
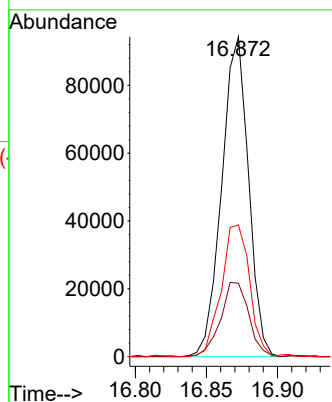
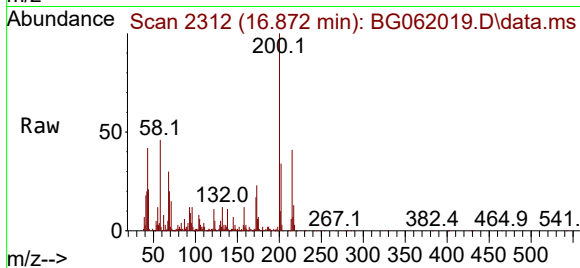
Tgt Ion:200 Resp: 123614

Ion Ratio Lower Upper

200 100

173 22.9 18.7 28.1

215 41.2 37.8 56.6



#71

Pentachlorophenol

Concen: 46.152 ng/ul

RT: 17.066 min Scan# 2345

Delta R.T. 0.007 min

Lab File: BG062019.D

Acq: 11 Jul 2024 21:09

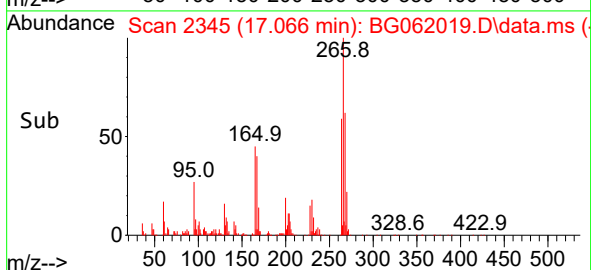
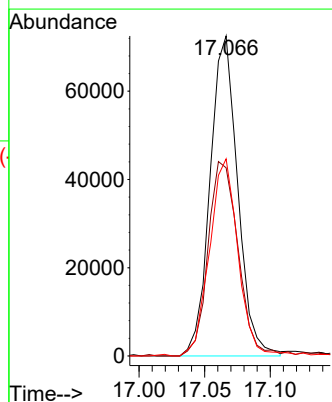
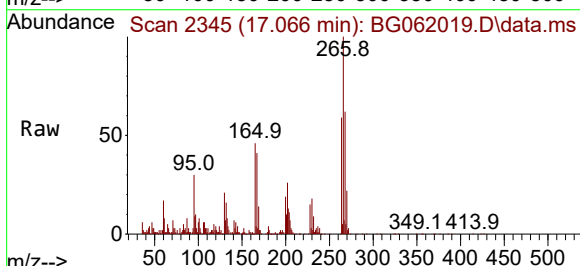
Tgt Ion:266 Resp: 106172

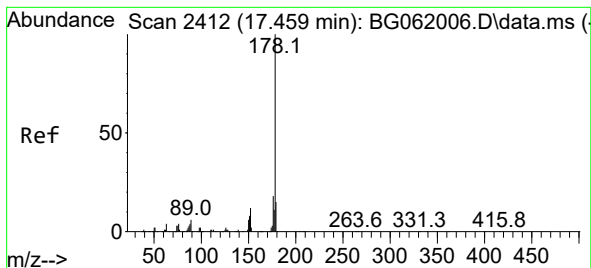
Ion Ratio Lower Upper

266 100

264 58.8 45.0 67.6

268 61.6 50.5 75.7





#72

Phenanthrene

Concen: 45.304 ng/ul

RT: 17.460 min Scan# 2412

Delta R.T. 0.001 min

Lab File: BG062019.D

Acq: 11 Jul 2024 21:09

Instrument :

BNA_G

ClientSampleId :

A4D00MS

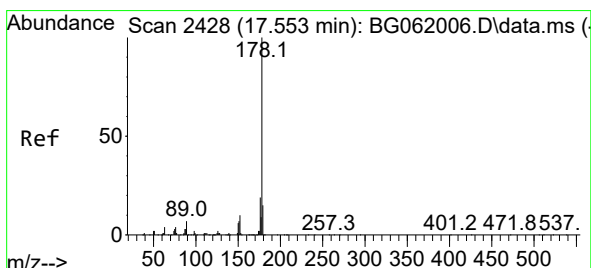
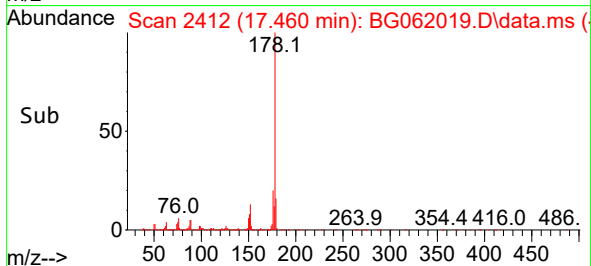
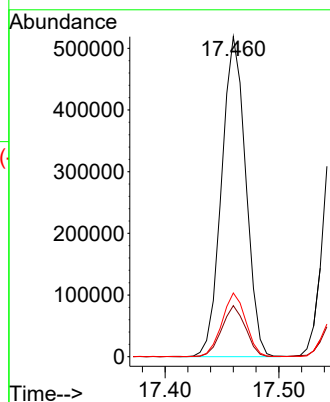
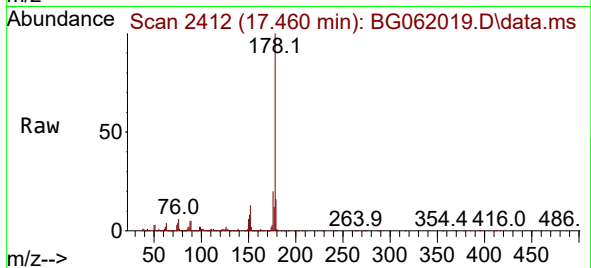
Tgt Ion:178 Resp: 766391

Ion Ratio Lower Upper

178 100

179 15.9 11.9 17.9

176 19.9 15.5 23.3



#74

Anthracene

Concen: 40.744 ng/ul

RT: 17.554 min Scan# 2428

Delta R.T. 0.001 min

Lab File: BG062019.D

Acq: 11 Jul 2024 21:09

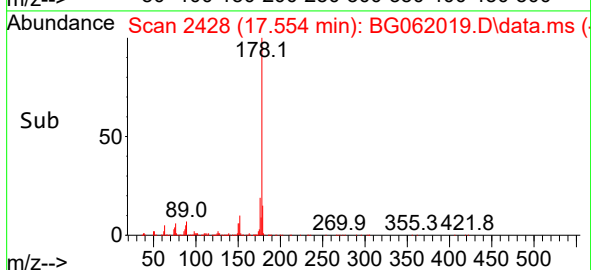
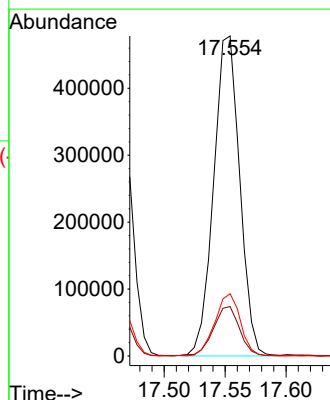
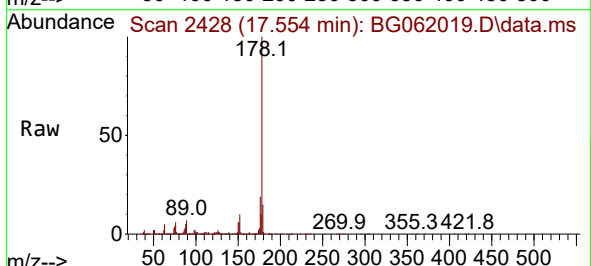
Tgt Ion:178 Resp: 712307

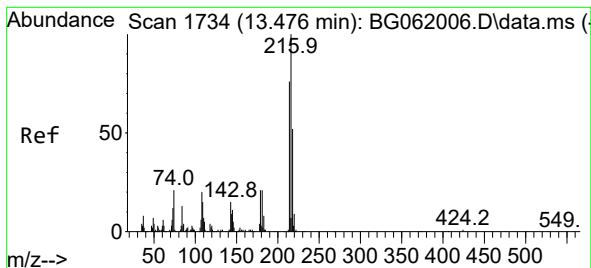
Ion Ratio Lower Upper

178 100

179 15.5 11.9 17.9

176 19.4 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 41.067 ng/ul

RT: 13.471 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG062019.D

Acq: 11 Jul 2024 21:09

Instrument :

BNA_G

ClientSampleId :

A4D00MS

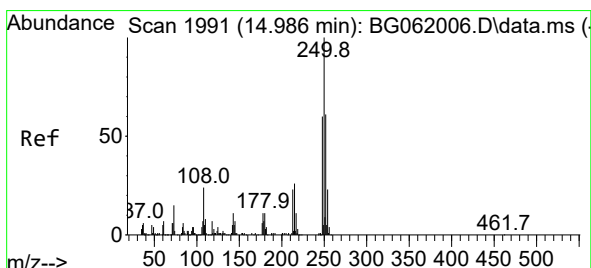
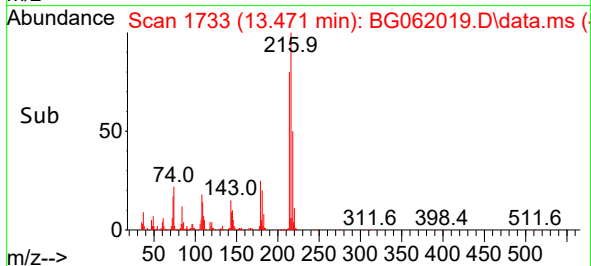
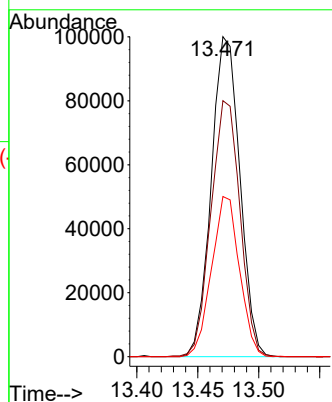
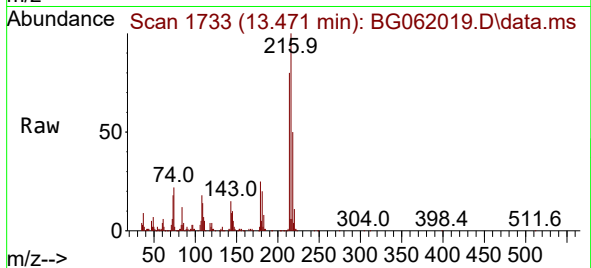
Tgt Ion:216 Resp: 163640

Ion Ratio Lower Upper

216 100

214 80.0 61.7 92.5

218 50.1 35.7 53.5



#76

Pentachlorobenzene

Concen: 39.356 ng/ul

RT: 14.986 min Scan# 1991

Delta R.T. 0.001 min

Lab File: BG062019.D

Acq: 11 Jul 2024 21:09

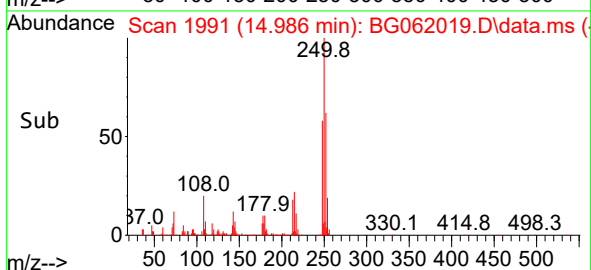
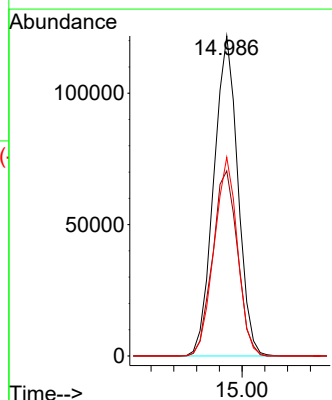
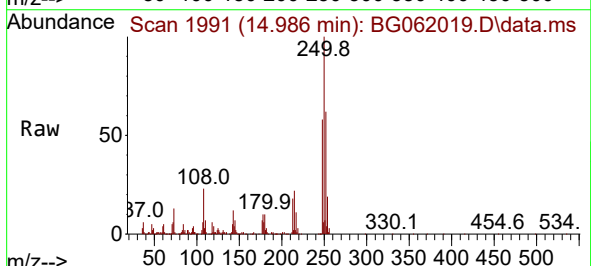
Tgt Ion:250 Resp: 178866

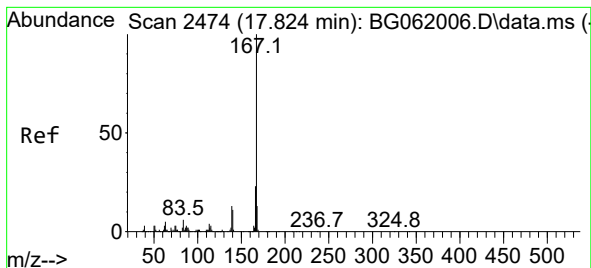
Ion Ratio Lower Upper

250 100

248 57.9 47.5 71.3

252 62.1 50.0 75.0





#77

Carbazole

Concen: 32.189 ng/ul

RT: 17.818 min Scan# 2473

Delta R.T. 0.001 min

Lab File: BG062019.D

Acq: 11 Jul 2024 21:09

Instrument :

BNA_G

ClientSampleId :

A4D00MS

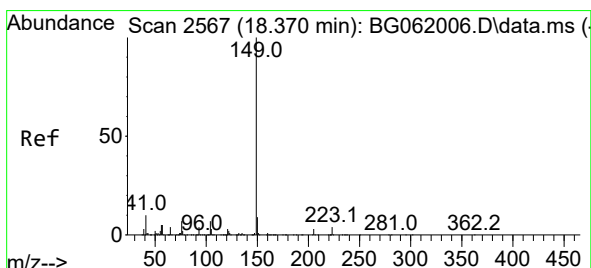
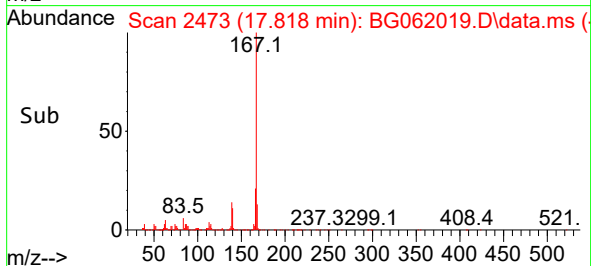
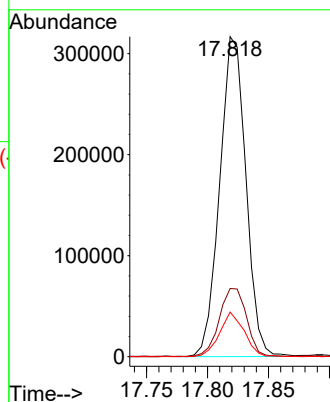
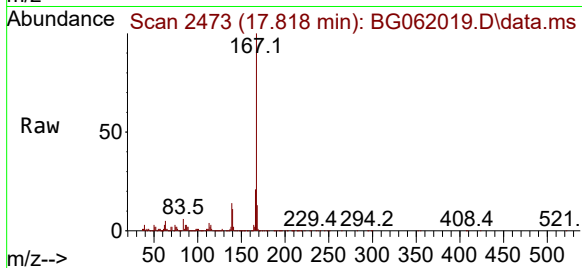
Tgt Ion:167 Resp: 473590

Ion Ratio Lower Upper

167 100

166 21.3 18.2 27.2

139 13.9 9.6 14.4



#78

Di-n-butylphthalate

Concen: 43.209 ng/ul

RT: 18.371 min Scan# 2567

Delta R.T. 0.001 min

Lab File: BG062019.D

Acq: 11 Jul 2024 21:09

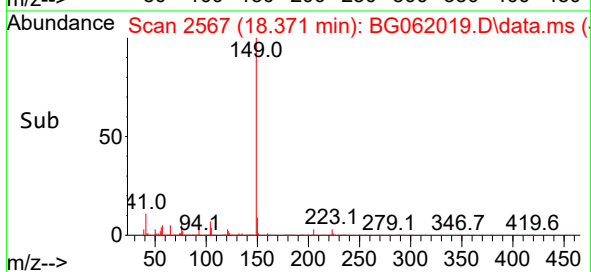
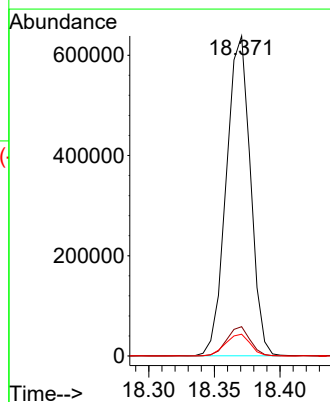
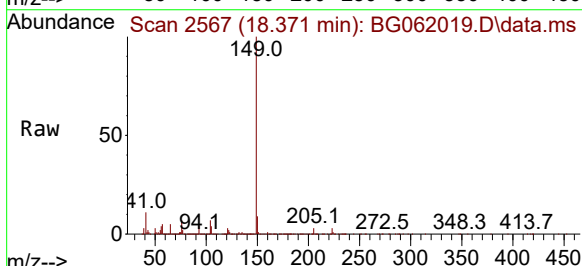
Tgt Ion:149 Resp: 816196

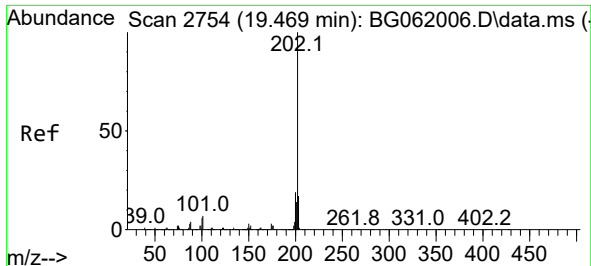
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 6.8 5.0 7.4

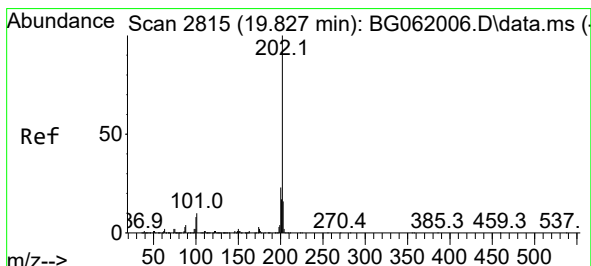
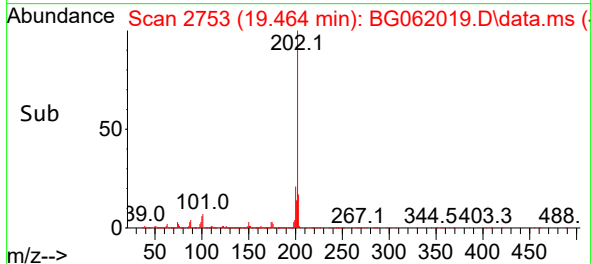
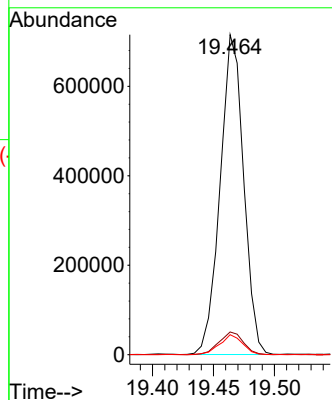
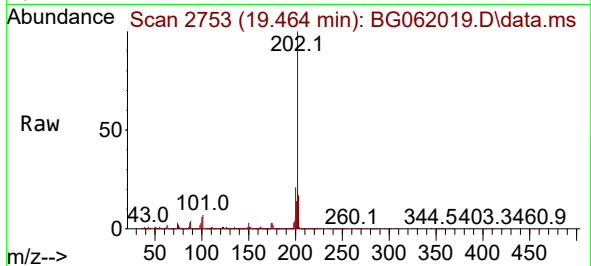




#80
Fluoranthene
Concen: 48.311 ng/ul
RT: 19.464 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

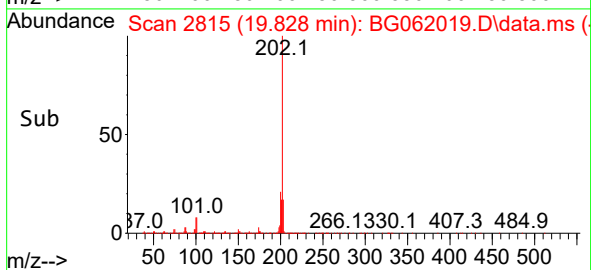
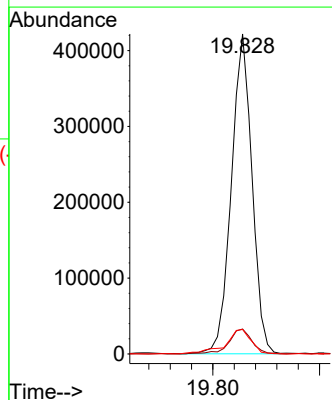
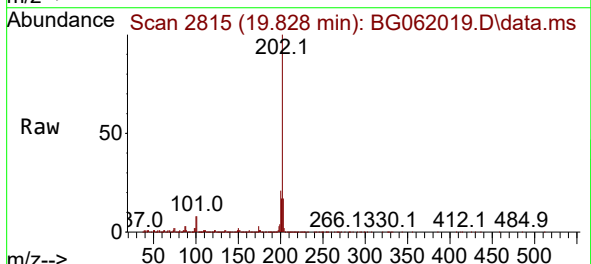
Instrument :
BNA_G
ClientSampleId :
A4D00MS

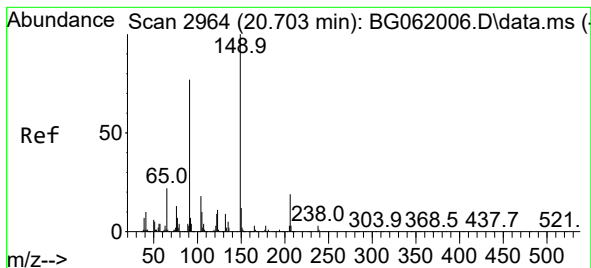
Tgt Ion:202 Resp: 959266
Ion Ratio Lower Upper
202 100
101 7.1 7.4 11.2#
100 6.3 6.6 10.0#



#82
Pyrene
Concen: 27.713 ng/ul
RT: 19.828 min Scan# 2815
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion:202 Resp: 568418
Ion Ratio Lower Upper
202 100
101 7.8 8.8 13.2#
100 7.7 7.6 11.4





#83

Butylbenzylphthalate

Concen: 42.789 ng/ul

RT: 20.703 min Scan# 2964

Delta R.T. 0.001 min

Lab File: BG062019.D

Acq: 11 Jul 2024 21:09

Instrument :

BNA_G

ClientSampleId :

A4D00MS

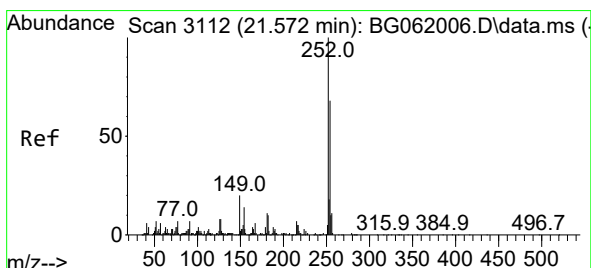
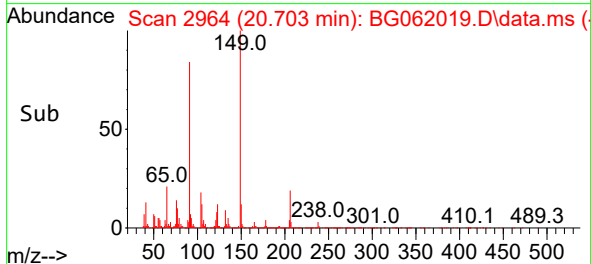
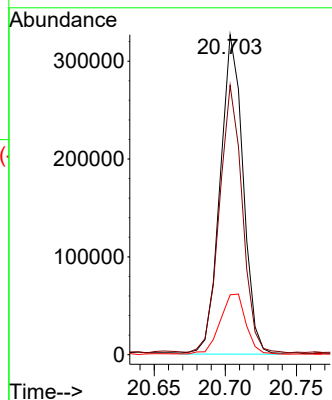
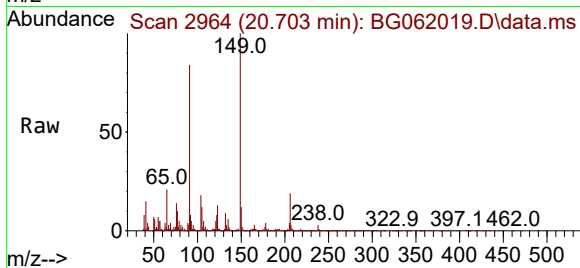
Tgt Ion:149 Resp: 368325

Ion Ratio Lower Upper

149 100

91 84.2 60.6 91.0

206 18.7 14.6 21.8



#84

3,3'-Dichlorobenzidine

Concen: 2.975 ng/ul

RT: 21.573 min Scan# 3112

Delta R.T. 0.001 min

Lab File: BG062019.D

Acq: 11 Jul 2024 21:09

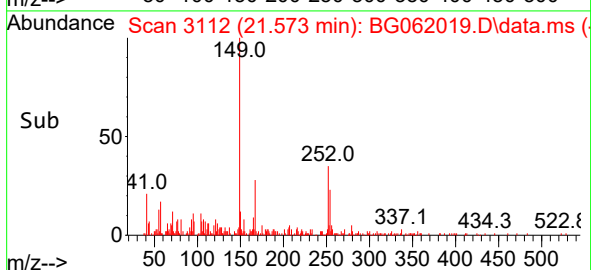
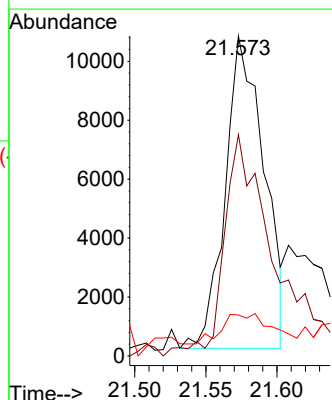
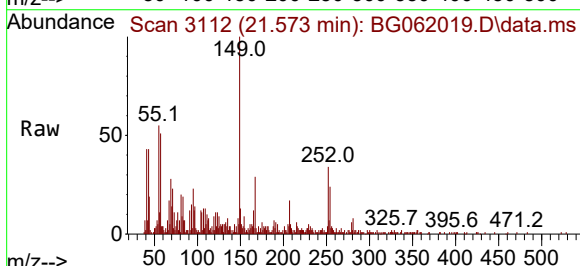
Tgt Ion:252 Resp: 20190

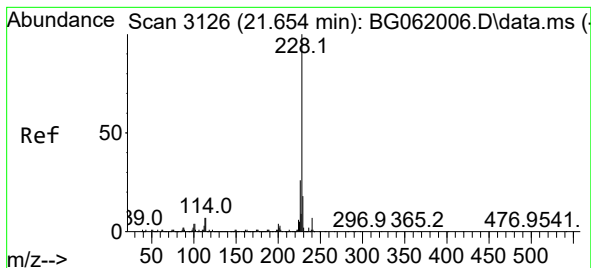
Ion Ratio Lower Upper

252 100

254 69.1 52.8 79.2

126 12.8 6.6 10.0#





#85

Benzo(a)anthracene

Concen: 45.649 ng/ul

RT: 21.655 min Scan# 3126

Delta R.T. 0.001 min

Lab File: BG062019.D

Acq: 11 Jul 2024 21:09

Instrument :

BNA_G

ClientSampleId :

A4D00MS

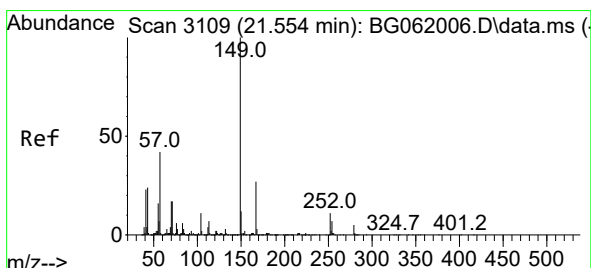
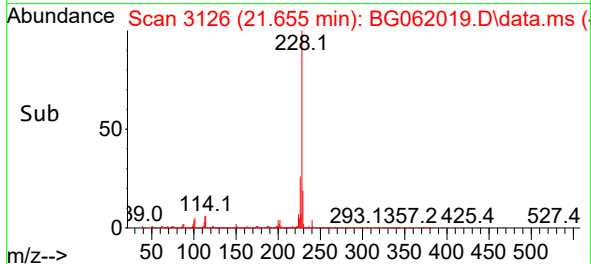
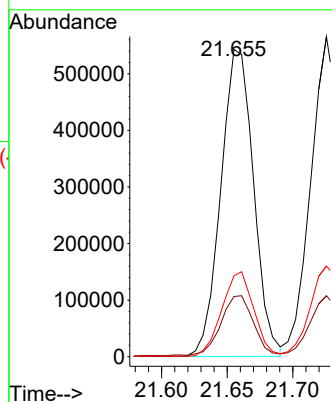
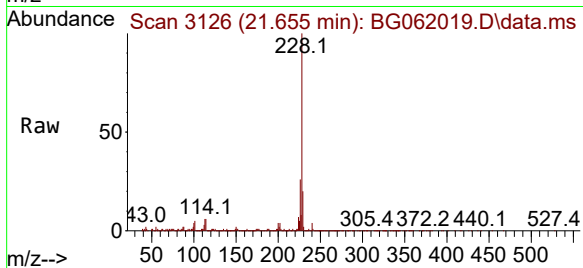
Tgt Ion:228 Resp: 942796

Ion Ratio Lower Upper

228 100

229 19.6 15.7 23.5

226 26.3 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 43.359 ng/ul

RT: 21.555 min Scan# 3109

Delta R.T. 0.001 min

Lab File: BG062019.D

Acq: 11 Jul 2024 21:09

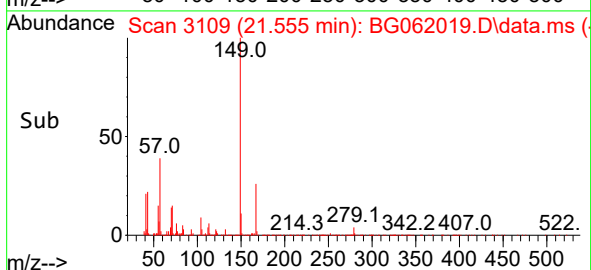
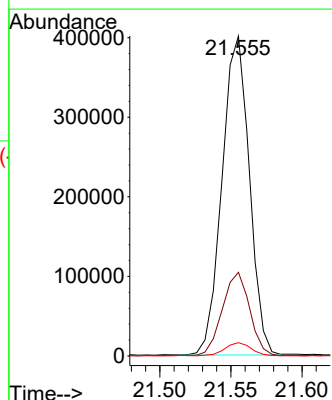
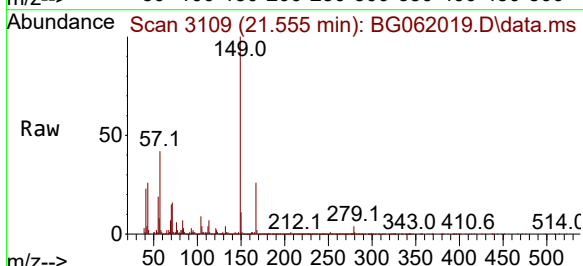
Tgt Ion:149 Resp: 535572

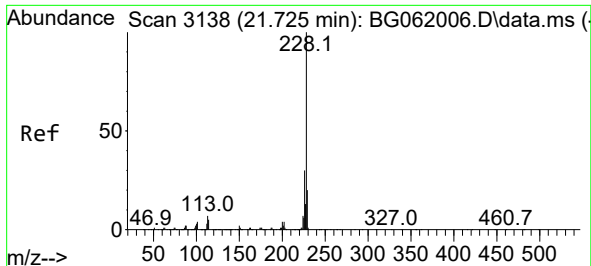
Ion Ratio Lower Upper

149 100

167 26.2 21.7 32.5

279 4.2 2.8 4.2

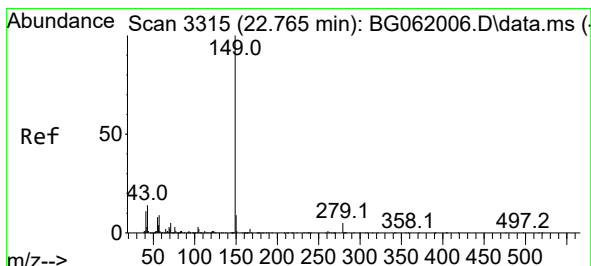
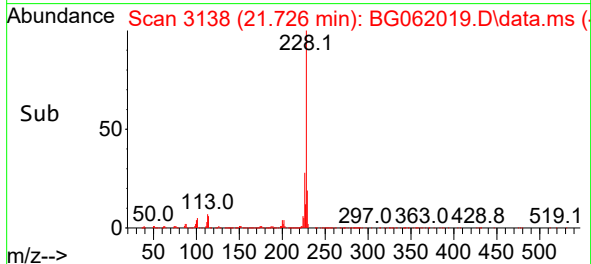
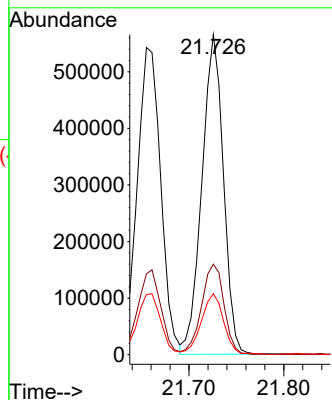
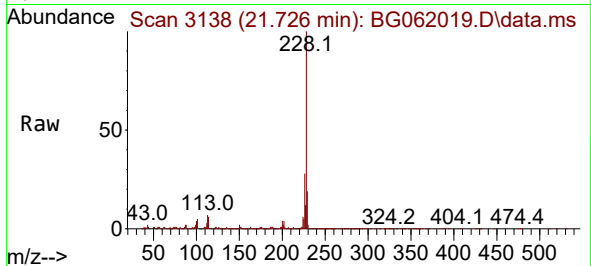




#87
Chrysene
Concen: 46.125 ng/ul
RT: 21.726 min Scan# 3138
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

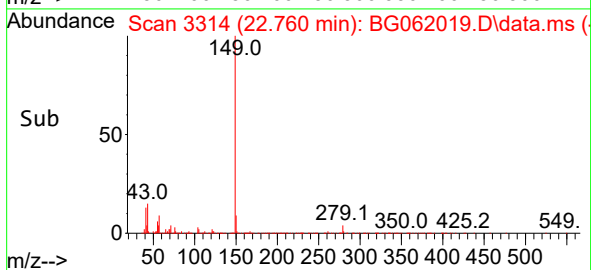
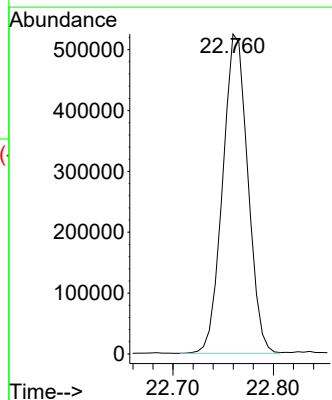
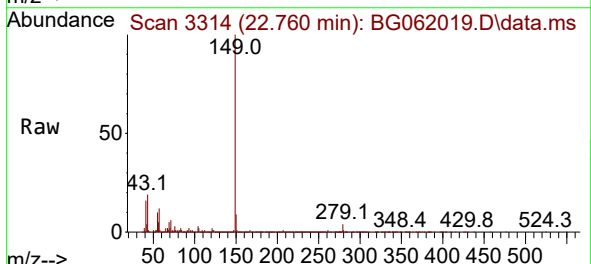
Instrument :
BNA_G
ClientSampleId :
A4D00MS

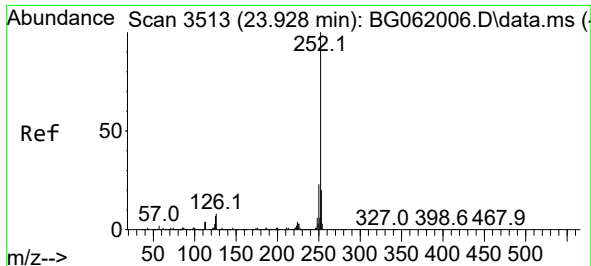
Tgt Ion:228 Resp: 891788
Ion Ratio Lower Upper
228 100
226 28.3 23.3 34.9
229 19.1 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 42.442 ng/ul
RT: 22.760 min Scan# 3314
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion:149 Resp: 912212

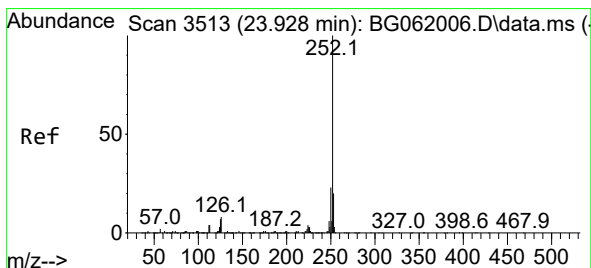
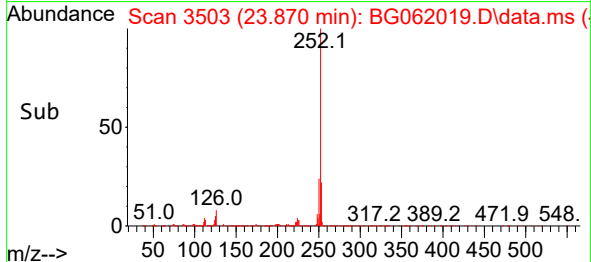
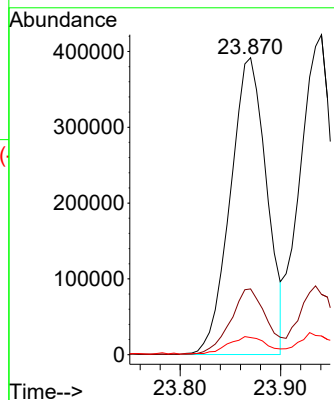
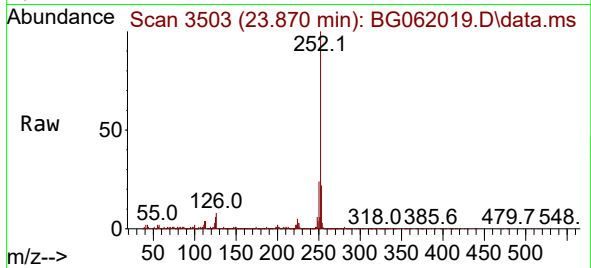




#90
Benzo(b)fluoranthene
Concen: 44.482 ng/ul
RT: 23.870 min Scan# 3503
Delta R.T. 0.013 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

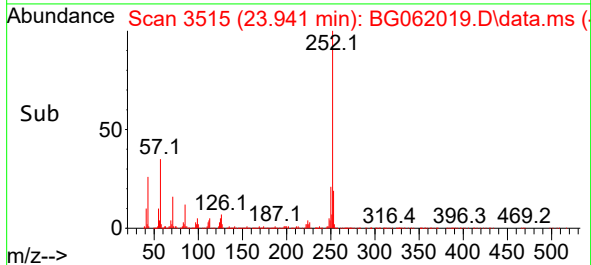
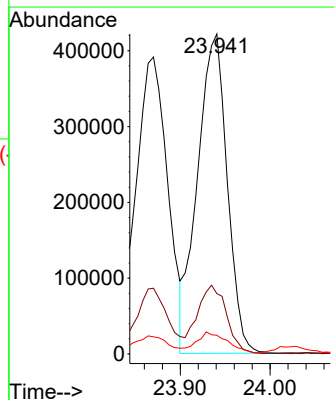
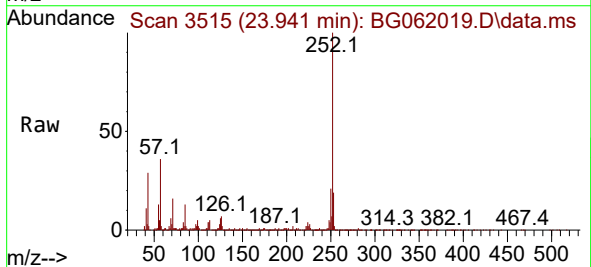
Instrument :
BNA_G
ClientSampleId :
A4D00MS

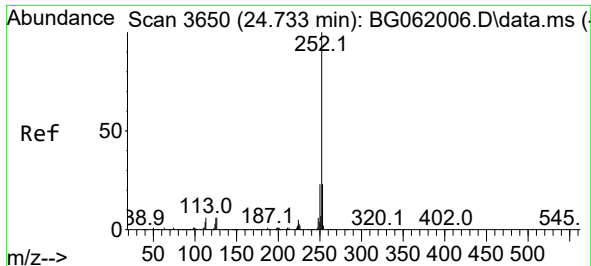
Tgt Ion:252 Resp: 985936
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 5.8 6.1 9.1#



#91
Benzo(k)fluoranthene
Concen: 43.773 ng/ul
RT: 23.941 min Scan# 3515
Delta R.T. 0.019 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion:252 Resp: 967513
Ion Ratio Lower Upper
252 100
253 18.8 19.3 28.9#
125 5.8 6.3 9.5#

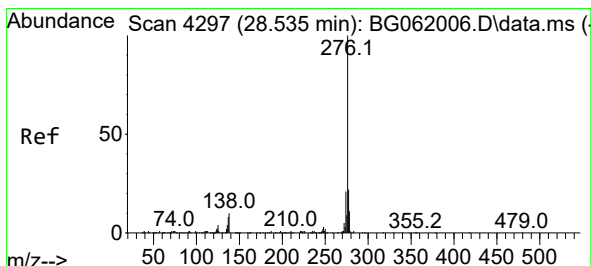
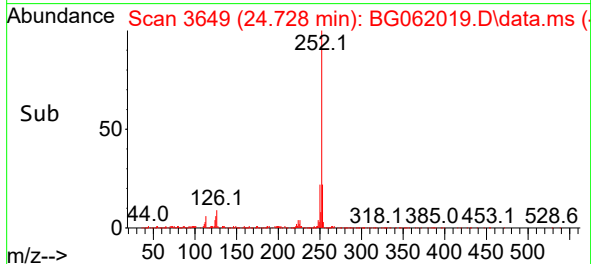
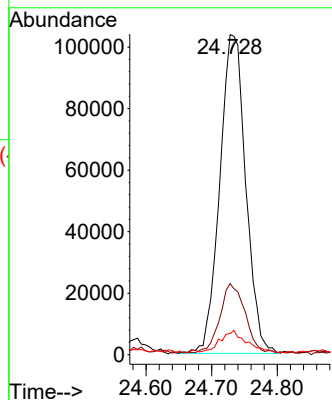
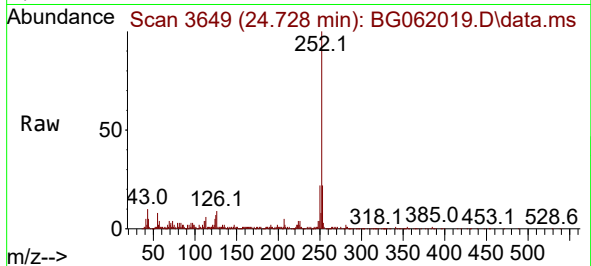




#93
Benzo(a)pyrene
Concen: 13.577 ng/ul
RT: 24.728 min Scan# 3649
Delta R.T. 0.001 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

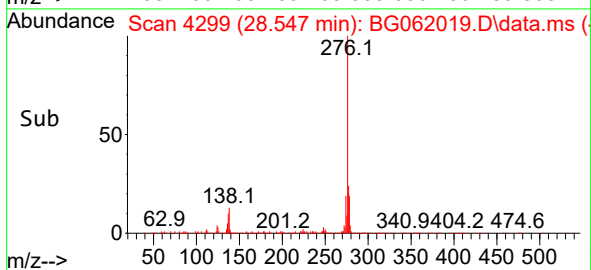
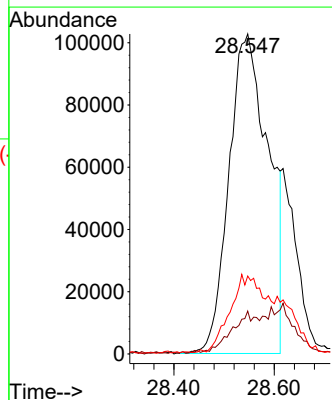
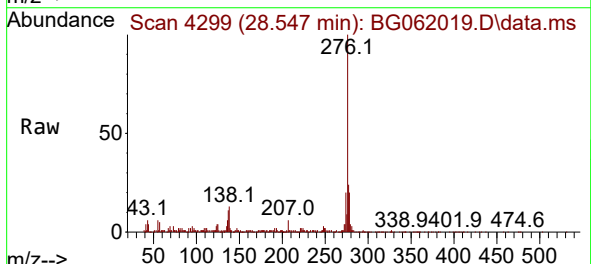
Instrument :
BNA_G
ClientSampleId :
A4D00MS

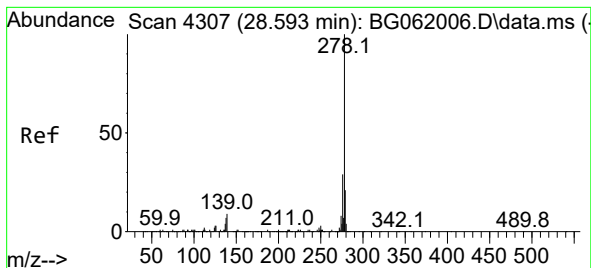
Tgt Ion:252 Resp: 284965
Ion Ratio Lower Upper
252 100
253 22.2 16.5 24.7
125 6.6 7.4 11.2#



#94
Indeno(1,2,3-cd)pyrene
Concen: 20.929 ng/ul
RT: 28.547 min Scan# 4299
Delta R.T. 0.013 min
Lab File: BG062019.D
Acq: 11 Jul 2024 21:09

Tgt Ion:276 Resp: 561343
Ion Ratio Lower Upper
276 100
138 13.4 11.9 17.9
277 24.3 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 43.667 ng/ul

RT: 28.618 min Scan# 41

Delta R.T. 0.025 min

Lab File: BG062019.D

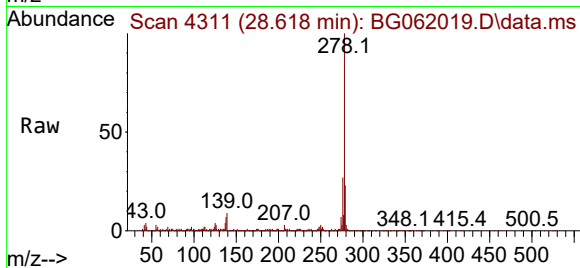
Acq: 11 Jul 2024 21:09

Instrument :

BNA_G

ClientSampleId :

A4D00MS



Tgt Ion:278 Resp: 967329

Ion Ratio Lower Upper

278 100

139 8.8 7.6 11.4

279 23.0 18.8 28.2

