

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061577.D
 Acq On : 8 Jun 2024 23:04
 Operator : MA/JU
 Sample : PB161227BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS227

Quant Time: Jun 09 23:04:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	24110	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	93841	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	70843	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	170633	20.000	ng/u1	0.00
79) Chrysene-d12	21.525	240	187217	20.000	ng/u1	0.00
88) Perylene-d12	24.633	264	195931	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	2350	5.455	ng/uL	-0.03
4) Pyridine-d5	3.740	84	39113	25.519	ng/u1	-0.03
7) Phenol-d5	7.071	99	49829	25.167	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	28519	22.917	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.418	132	41734	28.481	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	42183	24.986	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	22073	30.550	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	25758	30.462	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	52195	31.662	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	56156	26.038	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	152941	27.836	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	167742	29.365	ng/u1	0.00
54) 4-Nitrophenol-d4	14.774	143	14617	21.518	ng/u1	0.02
60) Fluorene-d10	15.509	176	134357	28.323	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.661	200	23397	22.671	ng/u1	0.01
73) Anthracene-d10	17.365	188	223600	29.723	ng/u1	0.00
81) Pyrene-d10	19.663	212	277892	28.909	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.422	264	290577	30.848	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	6037	11.675	ng/uL	88
5) Pyridine	3.764	79	42851	28.267	ng/u1#	81
6) Benzaldehyde	7.013	77	32018	30.927	ng/u1	95
8) Phenol	7.095	94	53998	26.767	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.295	93	37653	25.517	ng/u1	95
12) 2-Chlorophenol	7.447	128	44024	28.429	ng/u1	97
13) 2-Methylphenol	8.335	108	40220	25.726	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.393	45	79673	19.993	ng/u1#	92
16) Acetophenone	8.693	105	72181	25.052	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.675	70	34256	21.623	ng/u1#	84
18) 4-Methylphenol	8.670	108	45022	25.991	ng/u1	97
19) Hexachloroethane	8.952	117	18523	26.883	ng/u1	89
22) Nitrobenzene	9.075	77	54726	27.616	ng/u1	94
23) Isophorone	9.598	82	94585	23.464	ng/u1	99
25) 2-Nitrophenol	9.786	139	26168	28.511	ng/u1	98
26) 2,4-Dimethylphenol	9.862	107	39493	21.716	ng/u1	89
27) Bis(2-Chloroethoxy)met...	10.074	93	52340	25.902	ng/u1	98
29) 2,4-Dichlorophenol	10.338	162	50743	33.420	ng/u1	98
30) Naphthalene	10.720	128	147231	29.725	ng/u1	99
32) 4-Chloroaniline	10.832	127	53256	24.849	ng/u1	95
33) Hexachlorobutadiene	10.996	225	50775	34.213	ng/u1	99
34) Caprolactam	11.613	113	11601	19.971	ng/u1	81
35) 4-Chloro-3-methylphenol	11.989	107	52113	26.551	ng/u1	97
36) 2-Methylnaphthalene	12.330	142	101302	28.202	ng/u1	99

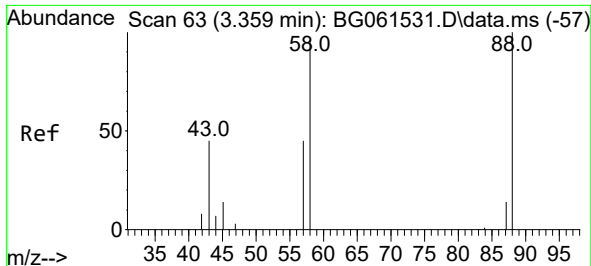
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.547	142	105168	28.530	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.706	216	86196	36.853	ng/ul	97
41) 2,4,6-Trichlorophenol	12.959	196	46265	35.117	ng/ul	97
42) 2,4,5-Trichlorophenol	13.047	196	49010	35.326	ng/ul	97
43) 1,1'-Biphenyl	13.341	154	143875	31.408	ng/ul	98
44) 2-Chloronaphthalene	13.388	162	116431	32.297	ng/ul	97
45) 2-Nitroaniline	13.599	65	40727	27.373	ng/ul	96
47) Dimethylphthalate	13.969	163	161957	28.281	ng/ul	97
48) 2,6-Dinitrotoluene	14.099	165	31866	28.375	ng/ul#	96
50) Acenaphthylene	14.234	152	186197	29.395	ng/ul	99
51) 3-Nitroaniline	14.428	138	30235	31.023	ng/ul	95
52) Acenaphthene	14.580	153	123636	29.755	ng/ul	99
53) 2,4-Dinitrophenol	14.663	184	10771	18.087	ng/ul	97
55) 4-Nitrophenol	14.786	109	18519	23.188	ng/ul	93
56) Dibenzofuran	14.915	168	180929	30.454	ng/ul	97
57) 2,4-Dinitrotoluene	14.898	165	49827	29.162	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.162	232	41524	32.816	ng/ul#	95
59) Diethylphthalate	15.332	149	151797	26.843	ng/ul	99
61) Fluorene	15.567	166	152173	29.603	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.556	204	90135	29.898	ng/ul	98
63) 4-Nitroaniline	15.597	138	33687	33.186	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.673	198	26198	24.222	ng/ul#	93
67) N-Nitrosodiphenylamine	15.773	169	135554	31.607	ng/ul	96
68) 4-Bromophenyl-phenylether	16.449	248	66105	32.696	ng/ul	96
69) Hexachlorobenzene	16.584	284	74642	33.215	ng/ul#	92
70) Atrazine	16.731	200	48821	28.765	ng/ul	98
71) Pentachlorophenol	16.942	266	17210	22.003	ng/ul	92
72) Phenanthrene	17.307	178	253222	30.576	ng/ul	98
74) Anthracene	17.401	178	248370	29.005	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.317	216	83342	36.951	ng/uL	95
76) Pentachlorobenzene	14.839	250	91007	36.495	ng/uL	96
77) Carbazole	17.677	167	218910	31.430	ng/ul	100
78) Di-n-butylphthalate	18.229	149	259644	29.751	ng/ul	99
80) Fluoranthene	19.328	202	339114	29.407	ng/ul	98
82) Pyrene	19.692	202	354598	29.624	ng/ul	97
83) Butylbenzylphthalate	20.573	149	119491	29.059	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.425	252	133557	33.608	ng/ul	97
85) Benzo(a)anthracene	21.507	228	388297	30.058	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.408	149	167286	27.484	ng/ul#	98
87) Chrysene	21.572	228	359402	30.215	ng/ul	98
89) Di-n-octyl phthalate	22.577	149	291638	29.752	ng/ul	100
90) Benzo(b)fluoranthene	23.652	252	371961	31.885	ng/ul	97
91) Benzo(k)fluoranthene	23.711	252	385858	32.582	ng/ul	96
93) Benzo(a)pyrene	24.492	252	314102	28.355	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.164	276	325058	24.266	ng/ul	98
95) Dibenzo(a,h)anthracene	28.211	278	262241	23.742	ng/ul	97
96) Benzo(g,h,i)perylene	29.269	276	184315	17.295	ng/ul	98

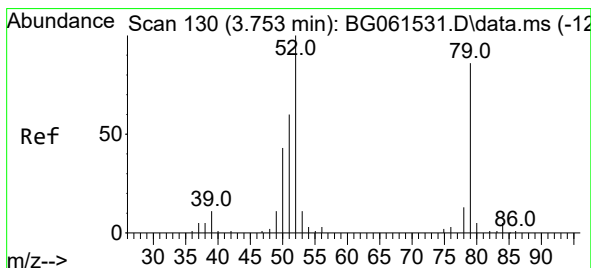
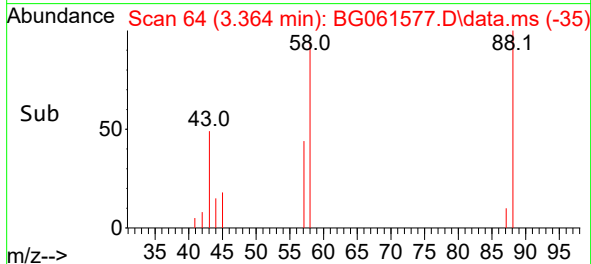
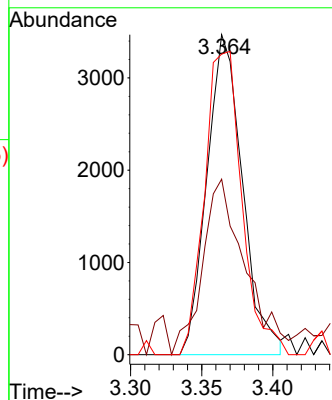
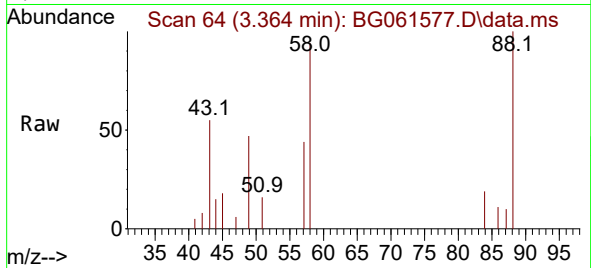
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#2
1,4-Dioxane
Concen: 11.675 ng/uL
RT: 3.364 min Scan# 64
Delta R.T. -0.029 min
Lab File: BG061577.D
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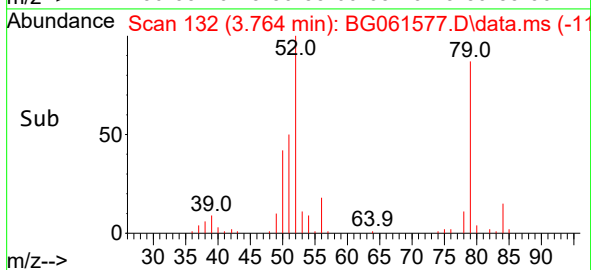
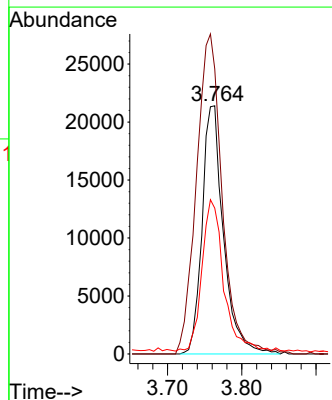
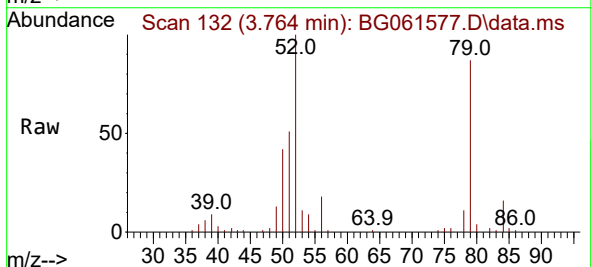
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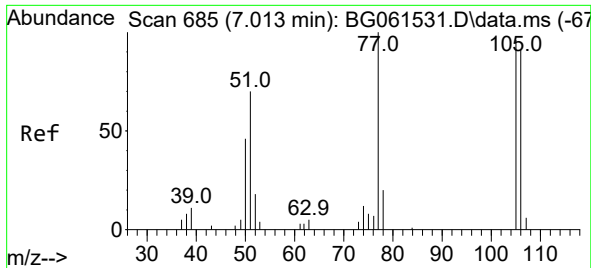
Tgt Ion: 88 Resp: 6037
Ion Ratio Lower Upper
88 100
43 54.8 44.6 67.0
58 93.9 90.3 135.5



#5
Pyridine
Concen: 28.267 ng/uL
RT: 3.764 min Scan# 132
Delta R.T. -0.017 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Tgt Ion: 79 Resp: 42851
Ion Ratio Lower Upper
79 100
52 114.8 116.3 174.5#
51 58.7 52.1 78.1

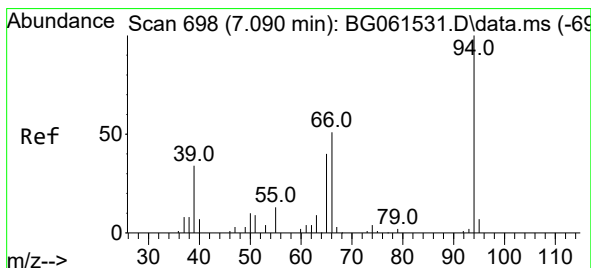
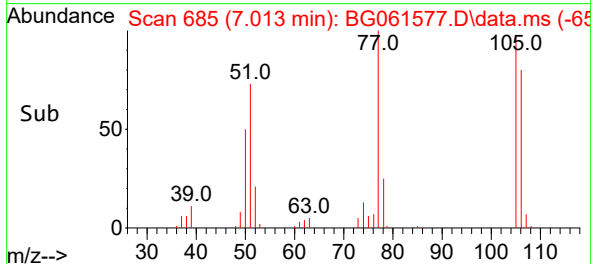
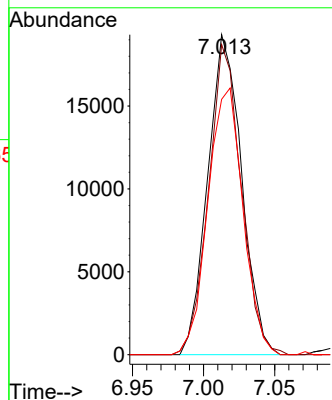
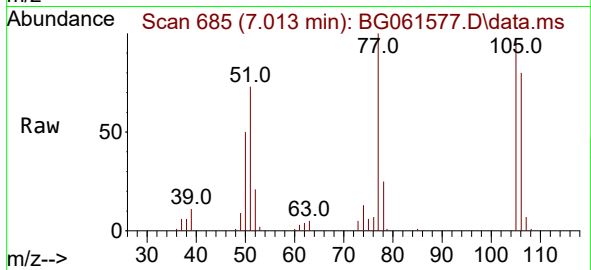




#6
Benzaldehyde
Concen: 30.927 ng/ul
RT: 7.013 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

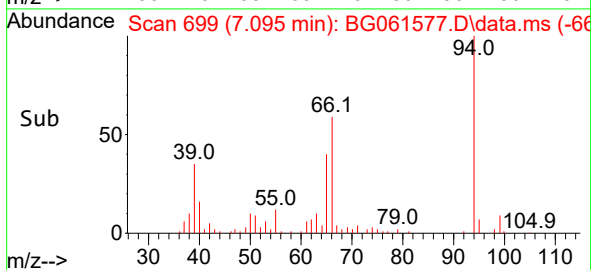
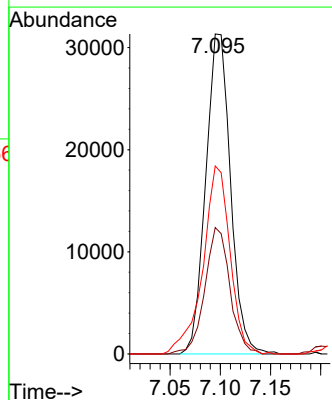
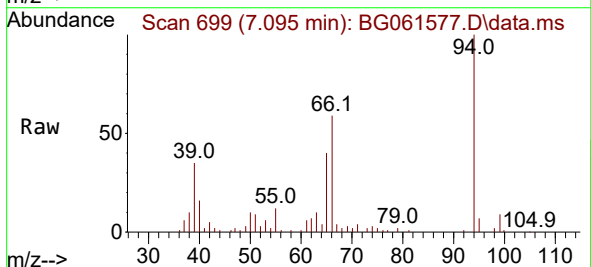
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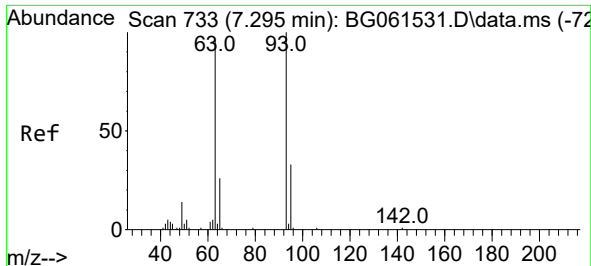
Tgt Ion: 77 Resp: 32018
Ion Ratio Lower Upper
77 100
105 96.9 71.0 106.6
106 79.8 63.4 95.2



#8
Phenol
Concen: 26.767 ng/ul
RT: 7.095 min Scan# 699
Delta R.T. 0.000 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Tgt Ion: 94 Resp: 53998
Ion Ratio Lower Upper
94 100
65 39.5 35.0 52.4
66 58.7 50.3 75.5

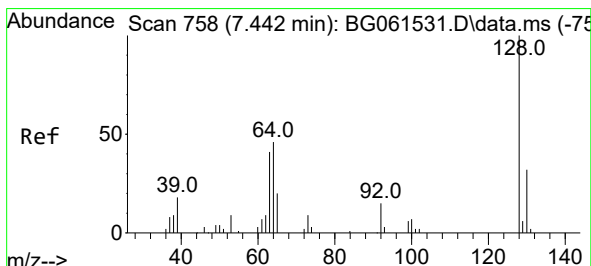
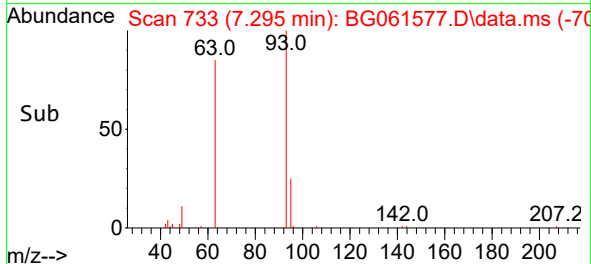
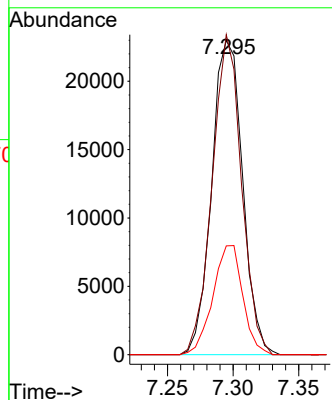
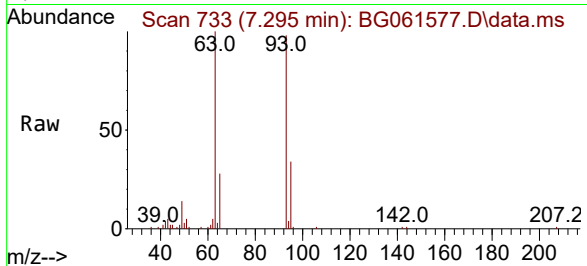




#10
Bis(2-Chloroethyl)ether
Concen: 25.517 ng/ul
RT: 7.295 min Scan# 733
Delta R.T. -0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

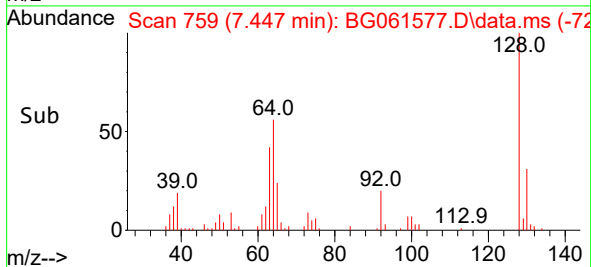
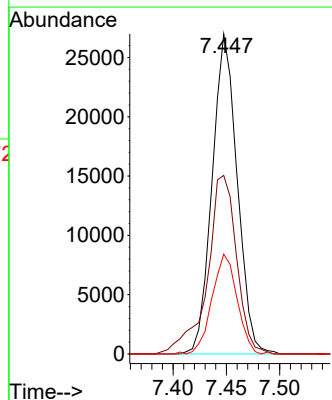
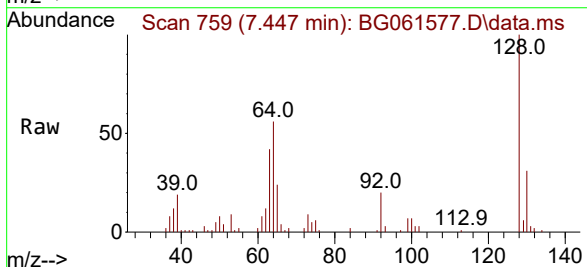
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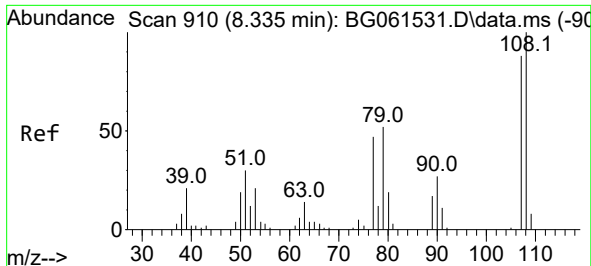
Tgt Ion:	93	Resp:	37653
Ion	Ratio	Lower	Upper
93	100		
63	101.8	86.2	129.2
95	34.6	25.8	38.8



#12
2-Chlorophenol
Concen: 28.429 ng/ul
RT: 7.447 min Scan# 759
Delta R.T. -0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Tgt Ion:	128	Resp:	44024
Ion	Ratio	Lower	Upper
128	100		
64	55.8	46.9	70.3
130	31.2	25.8	38.8

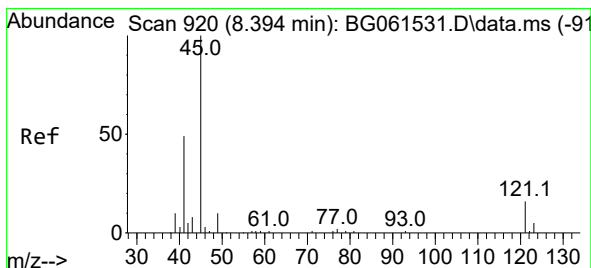
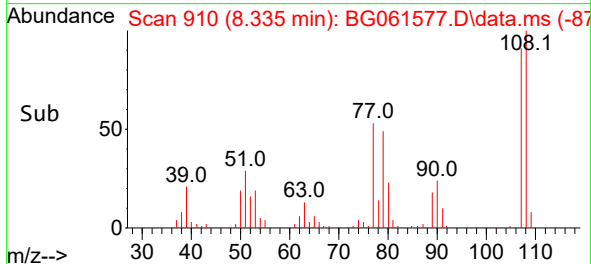
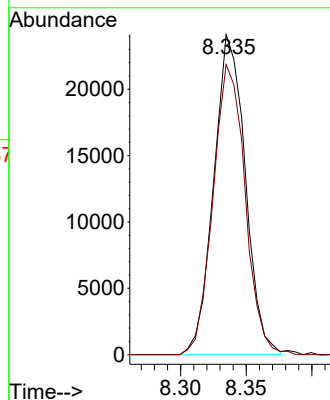
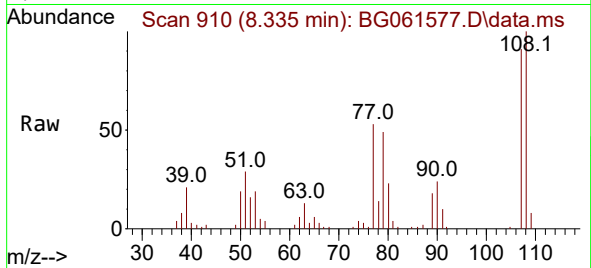




#13
2-Methylphenol
Concen: 25.726 ng/ul
RT: 8.335 min Scan# 910
Delta R.T. 0.000 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

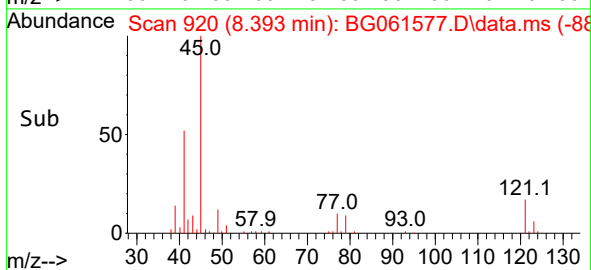
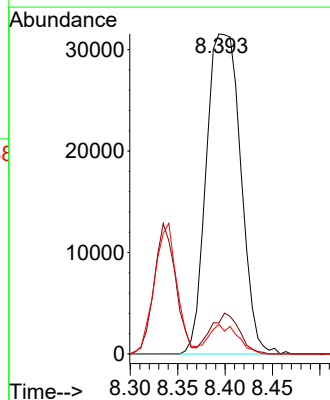
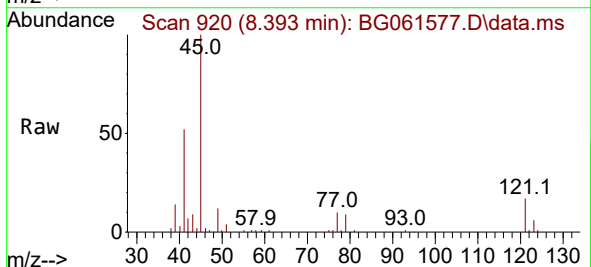
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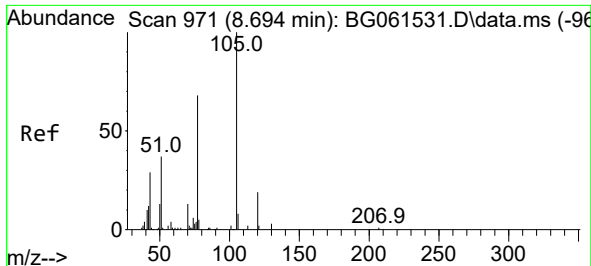
Tgt Ion:108 Resp: 40220
Ion Ratio Lower Upper
108 100
107 90.6 69.5 104.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 19.993 ng/ul
RT: 8.393 min Scan# 920
Delta R.T. -0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Tgt Ion: 45 Resp: 79673
Ion Ratio Lower Upper
45 100
77 9.7 6.2 9.2#
79 9.2 4.6 7.0#

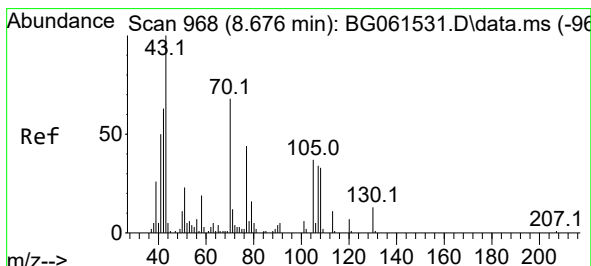
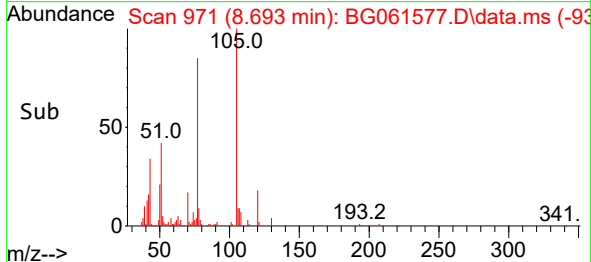
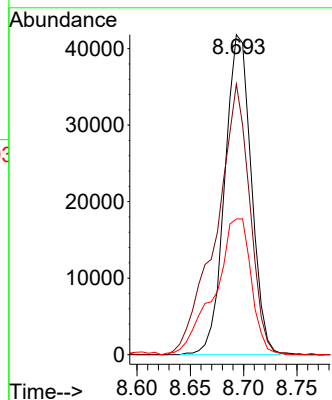
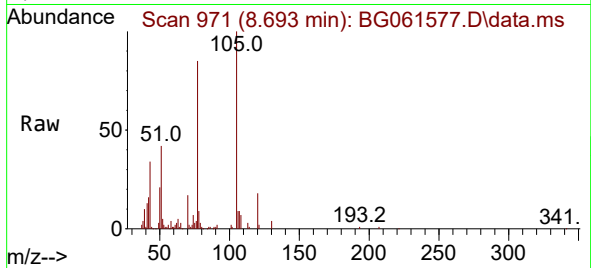




#16
Acetophenone
Concen: 25.052 ng/ul
RT: 8.693 min Scan# 971
Delta R.T. -0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

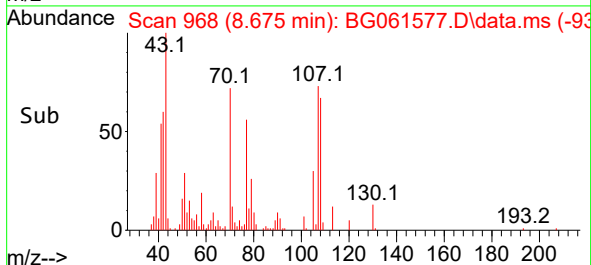
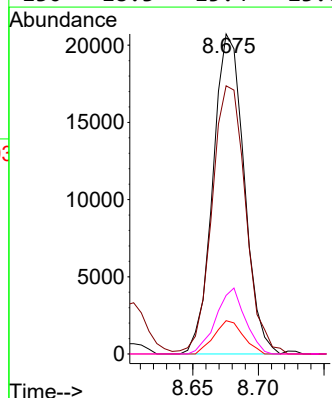
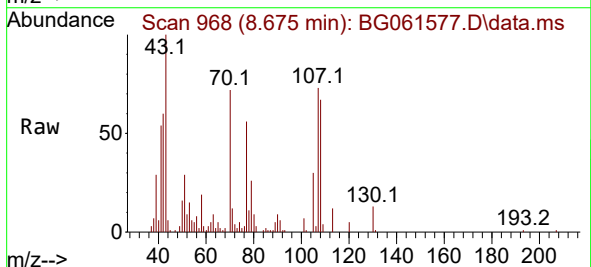
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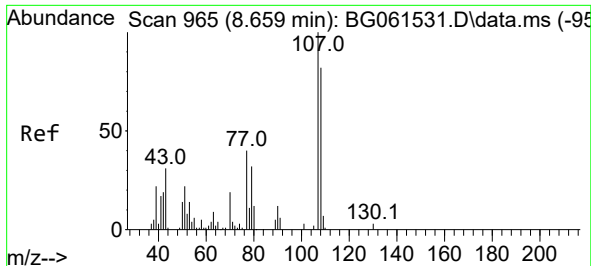
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Ion Ratio Lower Upper
105 100
77 84.6 70.4 105.6
51 42.4 38.4 57.6



#17
N-Nitroso-di-n-propylamine
Concen: 21.623 ng/ul
RT: 8.675 min Scan# 968
Delta R.T. -0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Tgt Ion: 70 Resp: 34256
Ion Ratio Lower Upper
70 100
42 83.8 83.2 124.8
101 10.4 6.6 9.8#
130 18.3 15.4 23.0

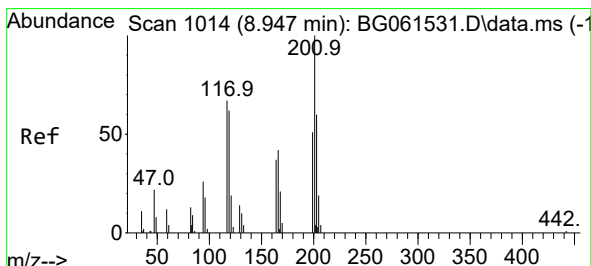
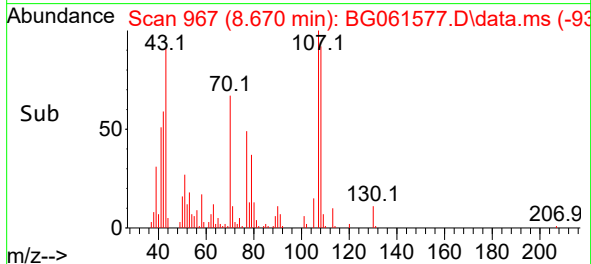
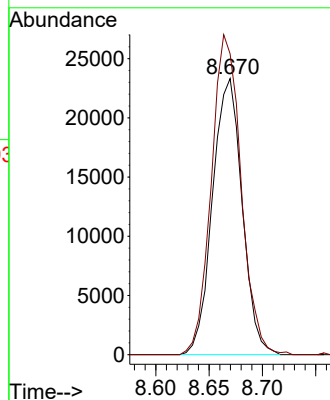
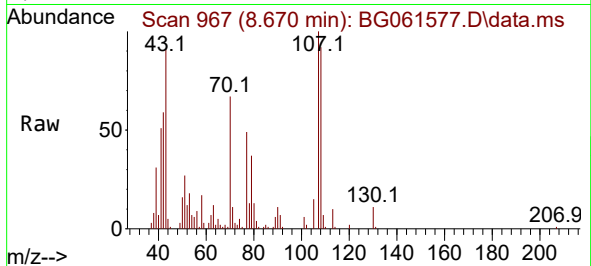




#18
4-Methylphenol
Concen: 25.991 ng/ul
RT: 8.670 min Scan# 90
Delta R.T. 0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

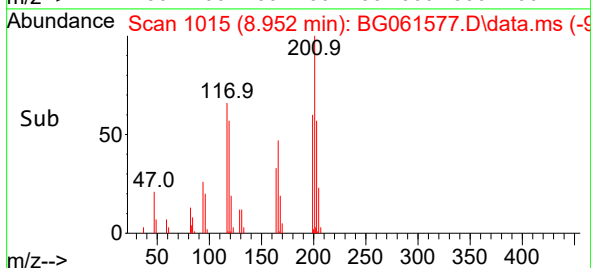
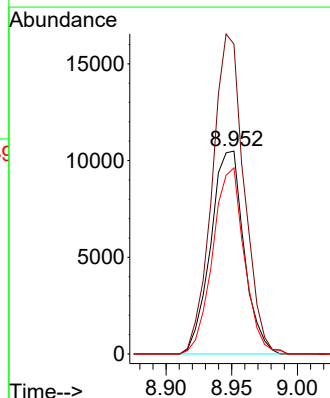
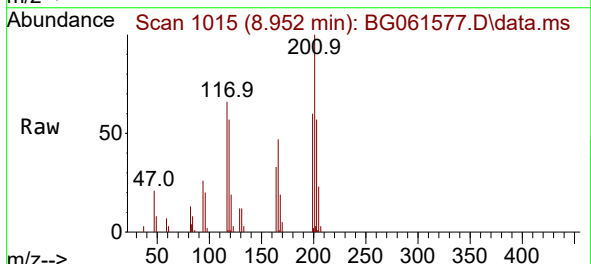
Instrument :
BNA_G
ClientSampleId :
SLCS227

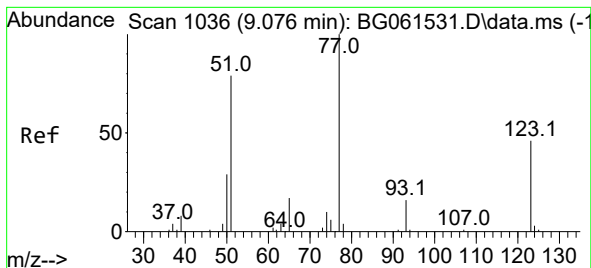
Tgt Ion:108 Resp: 45022
Ion Ratio Lower Upper
108 100
107 108.9 89.3 133.9



#19
Hexachloroethane
Concen: 26.883 ng/ul
RT: 8.952 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Tgt Ion:117 Resp: 18523
Ion Ratio Lower Upper
117 100
201 150.2 110.8 166.2
199 92.5 65.1 97.7





#22

Nitrobenzene

Concen: 27.616 ng/ul

RT: 9.075 min Scan# 1036

Delta R.T. -0.006 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

Instrument :

BNA_G

ClientSampleId :

SLCS227

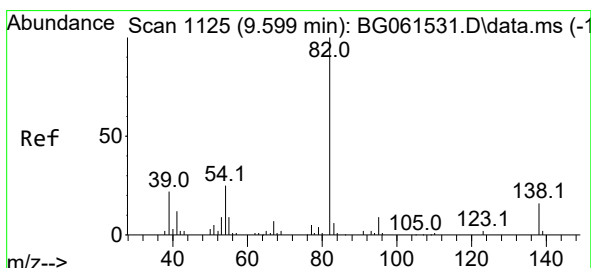
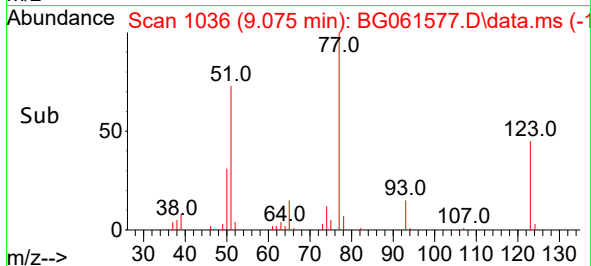
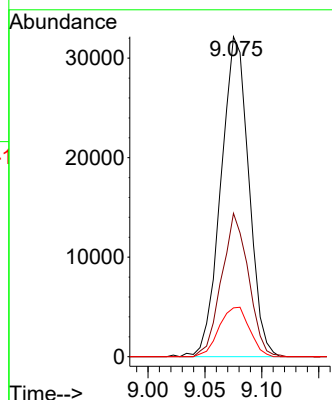
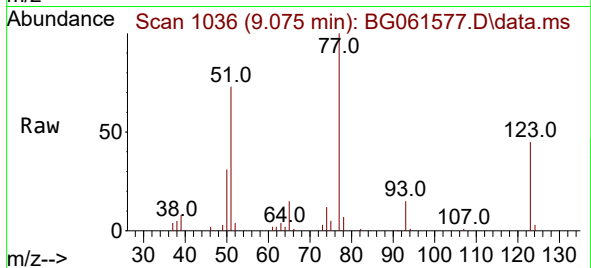
Tgt Ion: 77 Resp: 54726

Ion Ratio Lower Upper

77 100

123 44.8 32.7 49.1

65 15.3 14.2 21.2



#23

Isophorone

Concen: 23.464 ng/ul

RT: 9.598 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

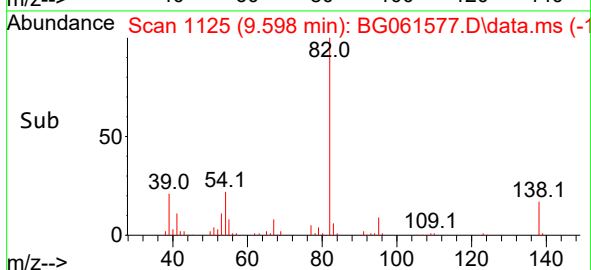
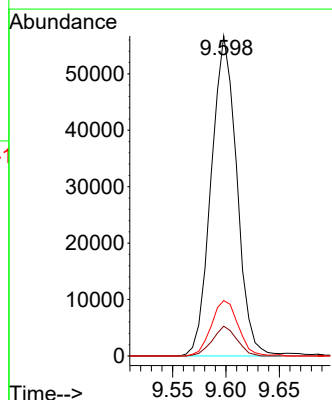
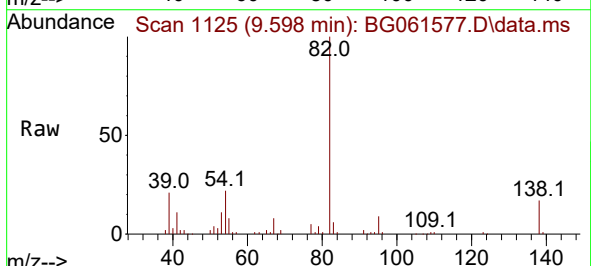
Tgt Ion: 82 Resp: 94585

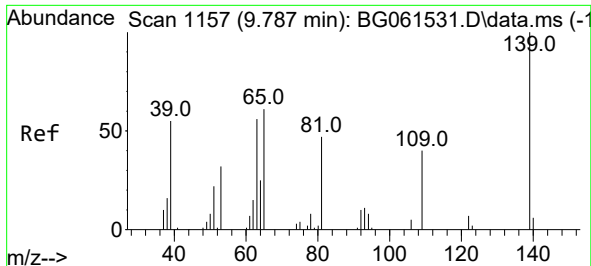
Ion Ratio Lower Upper

82 100

95 9.3 6.9 10.3

138 17.3 13.5 20.3

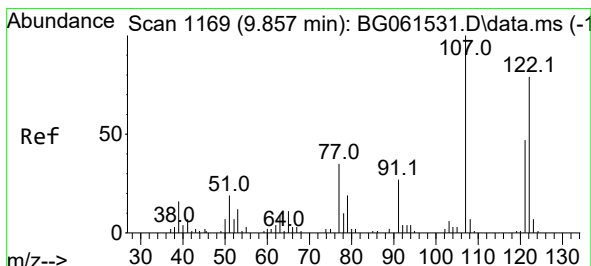
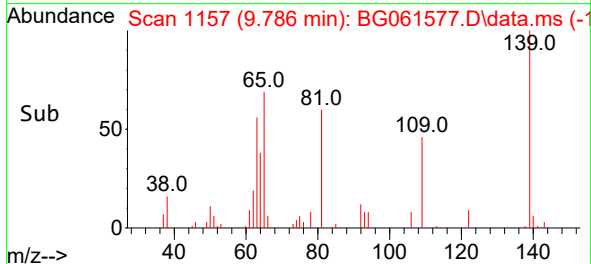
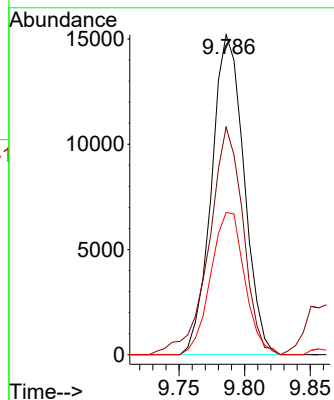
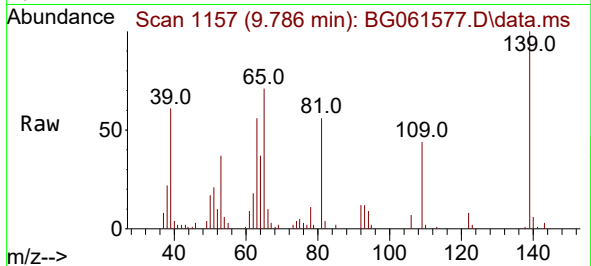




#25
2-Nitrophenol
Concen: 28.511 ng/ul
RT: 9.786 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

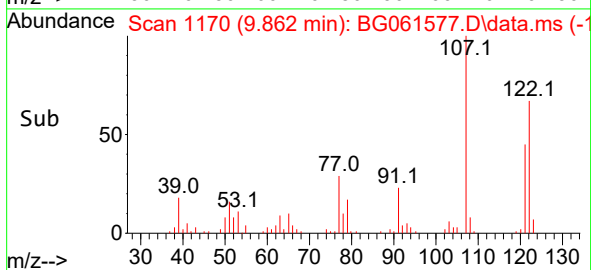
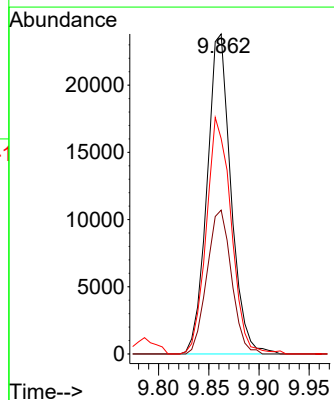
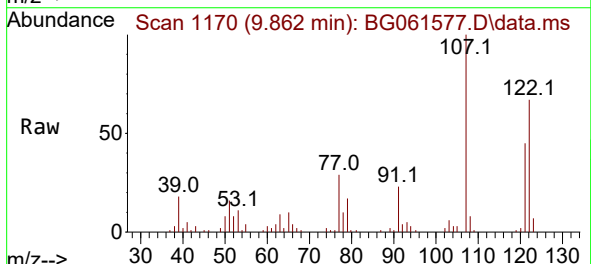
Instrument :
BNA_G
ClientSampleId :
SLCS227

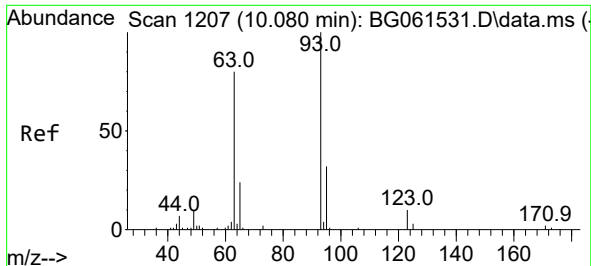
Tgt Ion:139 Resp: 26168
Ion Ratio Lower Upper
139 100
65 71.1 56.1 84.1
109 44.4 33.8 50.6



#26
2,4-Dimethylphenol
Concen: 21.716 ng/ul
RT: 9.862 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Tgt Ion:107 Resp: 39493
Ion Ratio Lower Upper
107 100
121 45.0 36.4 54.6
122 67.3 65.8 98.8





#27

Bis(2-Chloroethoxy)methane

Concen: 25.902 ng/ul

RT: 10.074 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

Instrument :

BNA_G

ClientSampleId :

SLCS227

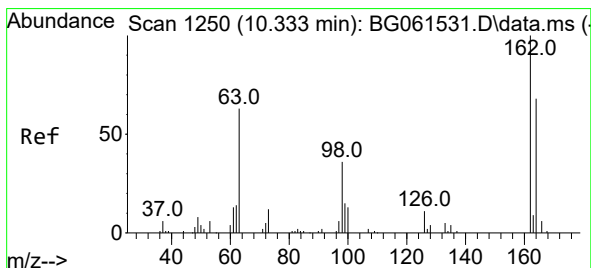
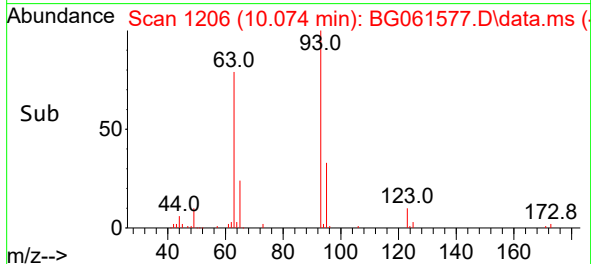
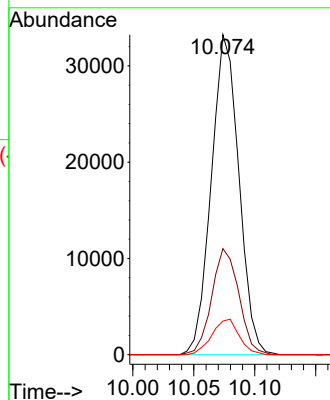
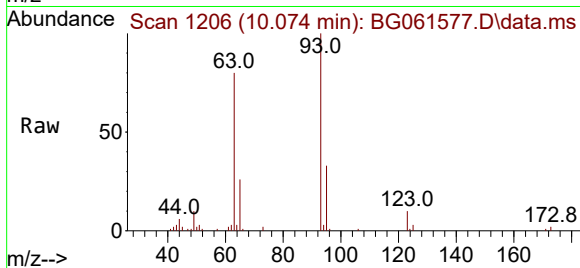
Tgt Ion: 93 Resp: 52340

Ion Ratio Lower Upper

93 100

95 33.1 25.8 38.8

123 10.5 7.2 10.8



#29

2,4-Dichlorophenol

Concen: 33.420 ng/ul

RT: 10.338 min Scan# 1251

Delta R.T. 0.000 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

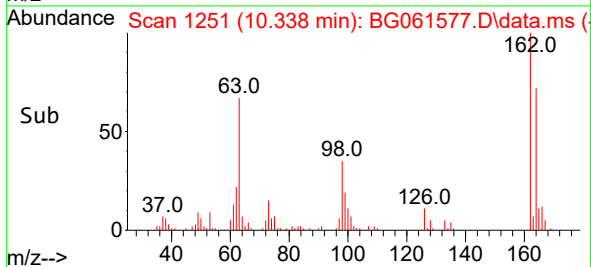
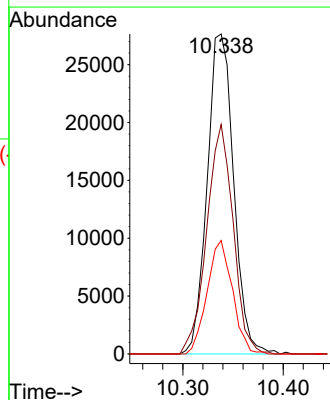
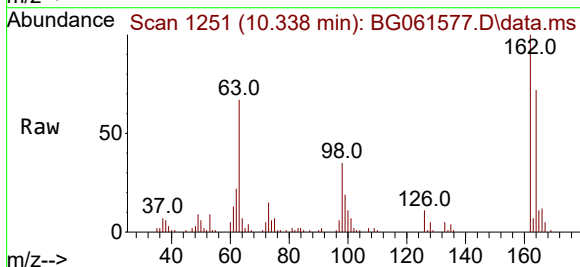
Tgt Ion:162 Resp: 50743

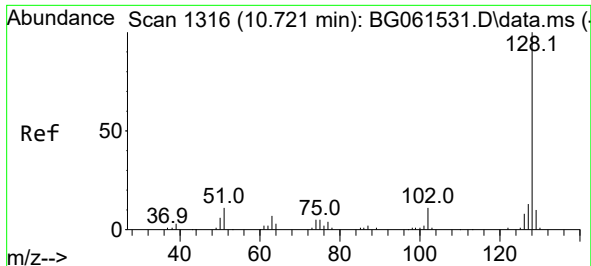
Ion Ratio Lower Upper

162 100

164 71.7 58.4 87.6

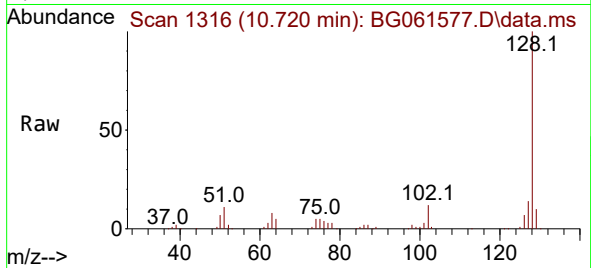
98 35.5 29.9 44.9



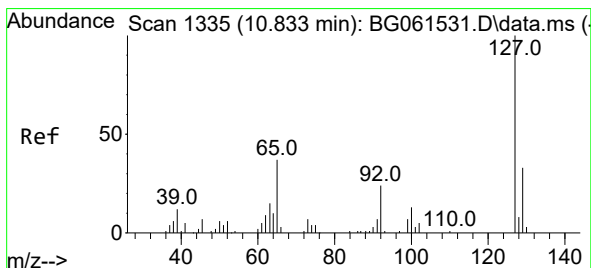
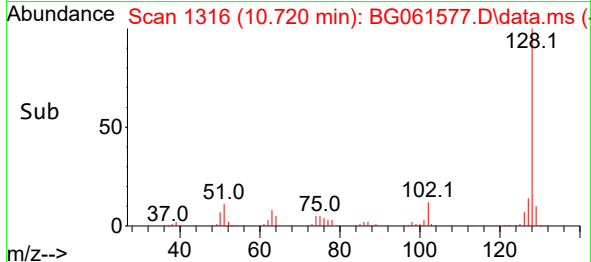
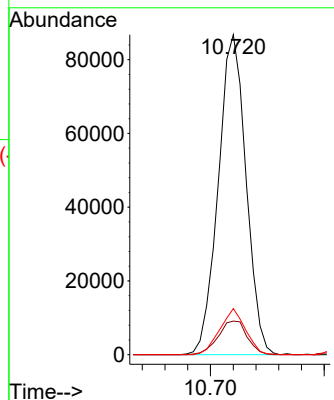


#30
Naphthalene
Concen: 29.725 ng/ul
RT: 10.720 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Instrument :
BNA_G
ClientSampleId :
SLCS227

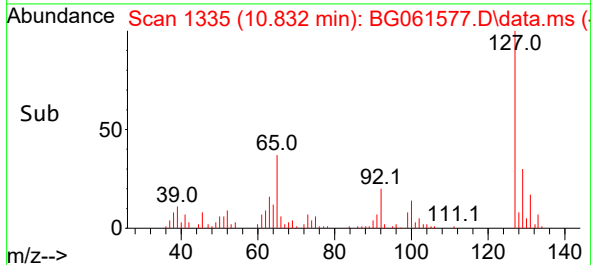
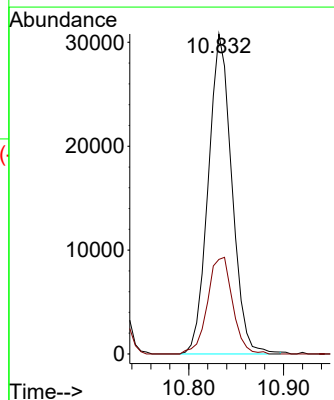
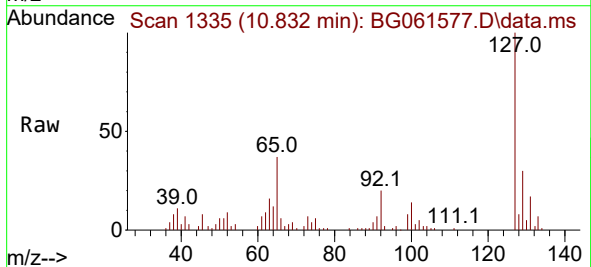


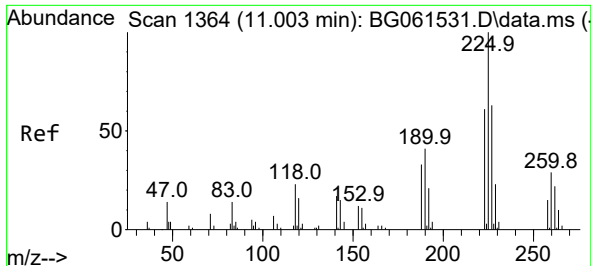
Tgt Ion:128 Resp: 147231
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 14.4 10.8 16.2



#32
4-Chloroaniline
Concen: 24.849 ng/ul
RT: 10.832 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Tgt Ion:127 Resp: 53256
Ion Ratio Lower Upper
127 100
129 29.6 25.9 38.9

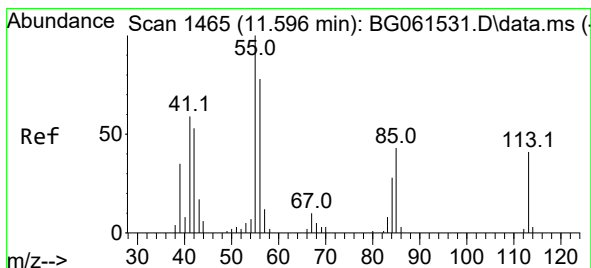
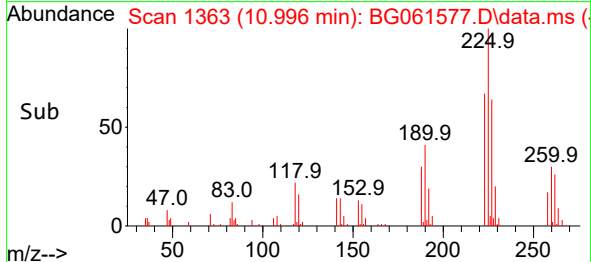
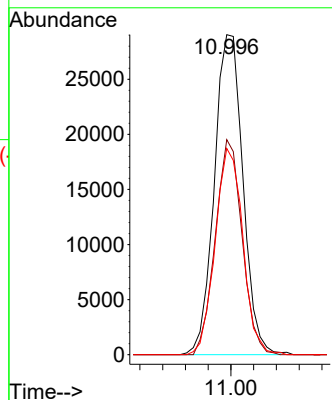
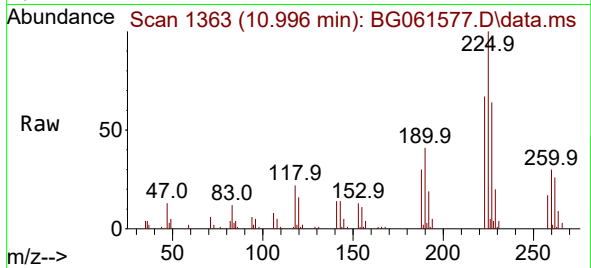




#33
Hexachlorobutadiene
Concen: 34.213 ng/ul
RT: 10.996 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

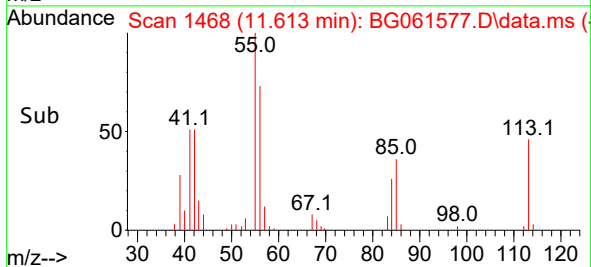
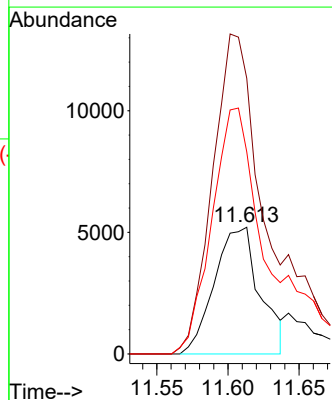
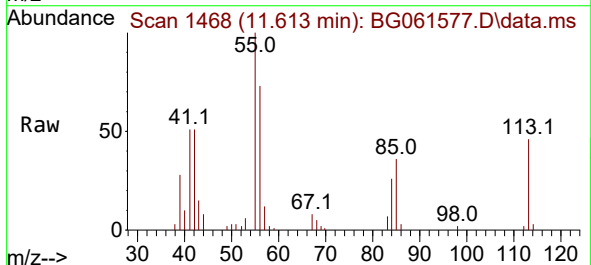
Instrument :
BNA_G
ClientSampleId :
SLCS227

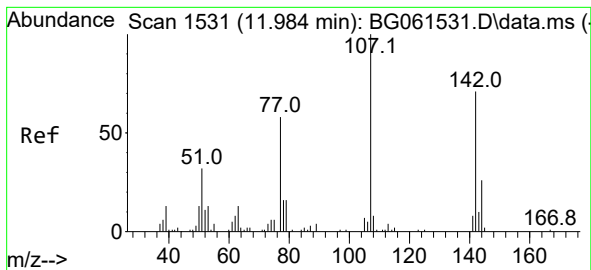
Tgt Ion:225 Resp: 50775
Ion Ratio Lower Upper
225 100
223 67.2 53.8 80.8
227 64.5 50.2 75.2



#34
Caprolactam
Concen: 19.971 ng/ul
RT: 11.613 min Scan# 1468
Delta R.T. 0.018 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Tgt Ion:113 Resp: 11601
Ion Ratio Lower Upper
113 100
55 217.7 199.0 298.4
56 159.6 150.6 226.0

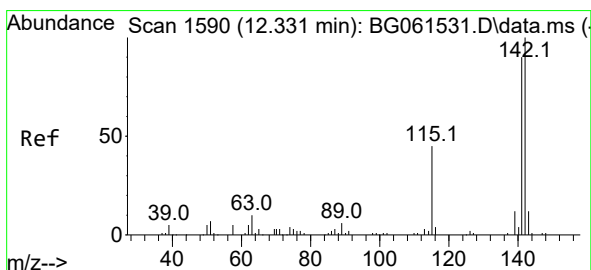
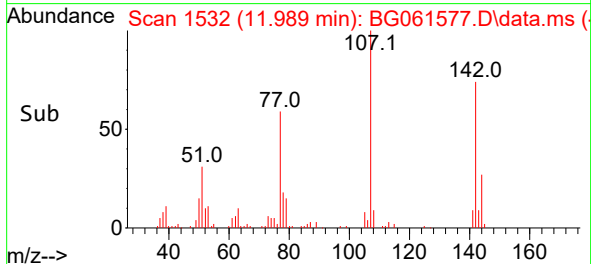
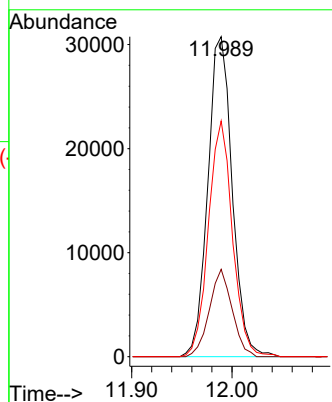
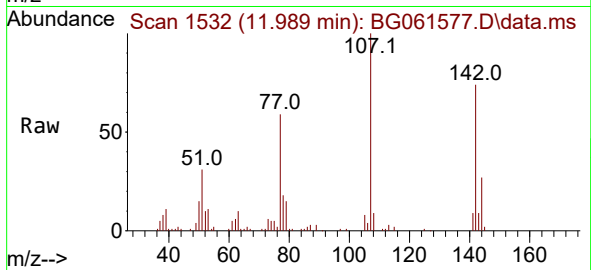




#35
4-Chloro-3-methylphenol
Concen: 26.551 ng/ul
RT: 11.989 min Scan# 11
Delta R.T. 0.012 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

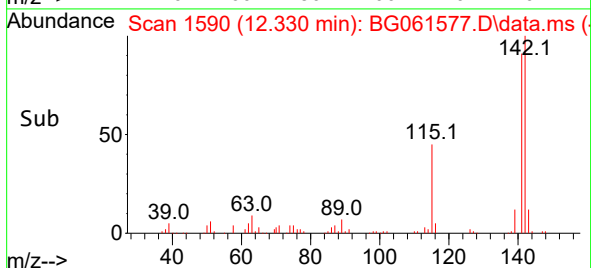
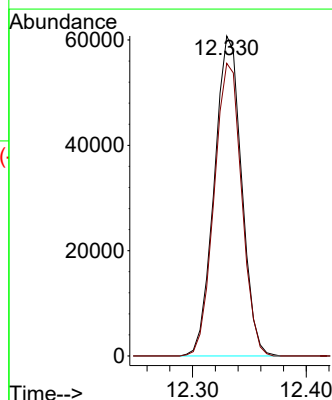
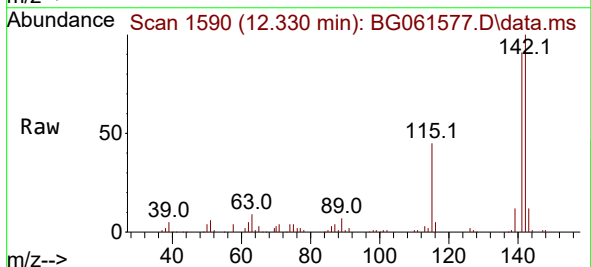
Instrument :
BNA_G
ClientSampleId :
SLCS227

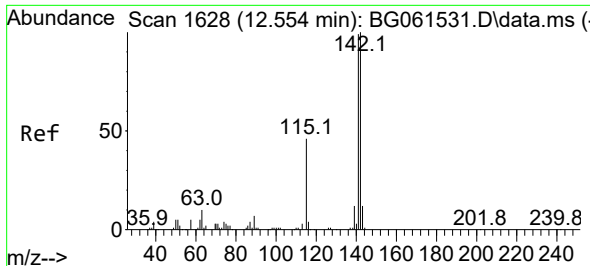
Tgt Ion:107 Resp: 52113
Ion Ratio Lower Upper
107 100
144 27.3 21.2 31.8
142 73.6 61.6 92.4



#36
2-Methylnaphthalene
Concen: 28.202 ng/ul
RT: 12.330 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Tgt Ion:142 Resp: 101302
Ion Ratio Lower Upper
142 100
141 91.5 72.2 108.2





#37

1-Methylnaphthalene

Concen: 28.530 ng/ul

RT: 12.547 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

Instrument :

BNA_G

ClientSampleId :

SLCS227

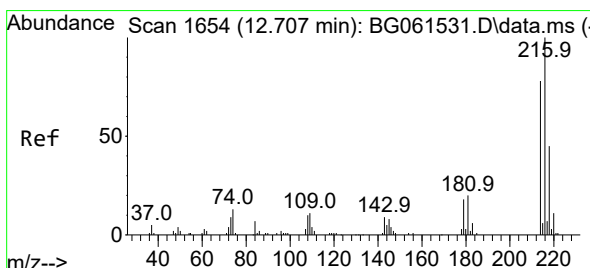
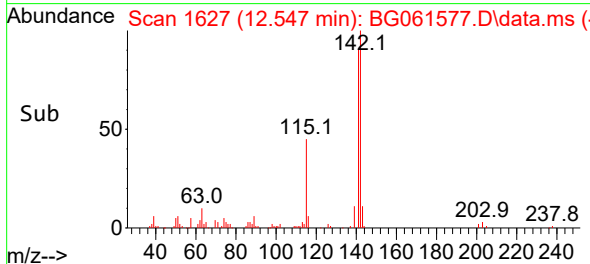
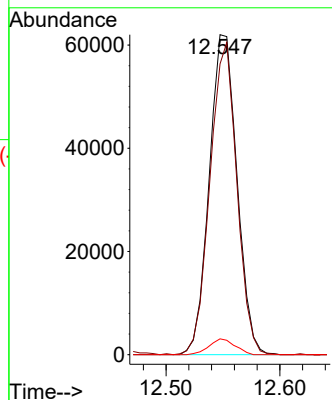
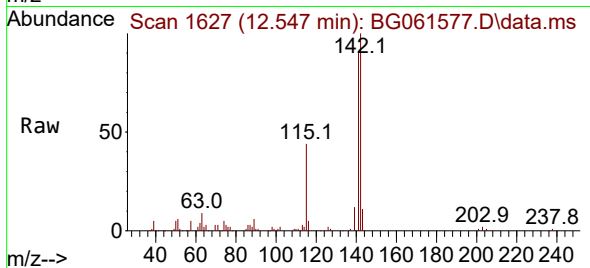
Tgt Ion:142 Resp: 105168

Ion Ratio Lower Upper

142 100

141 90.9 75.5 113.3

116 4.9 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.853 ng/ul

RT: 12.706 min Scan# 1654

Delta R.T. 0.000 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

Tgt Ion:216 Resp: 86196

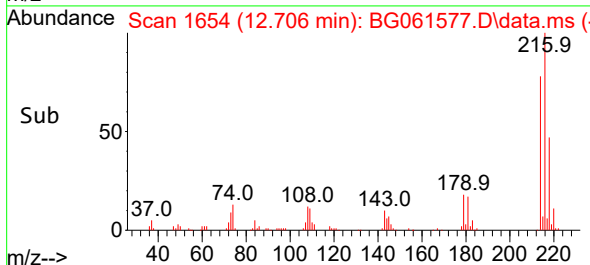
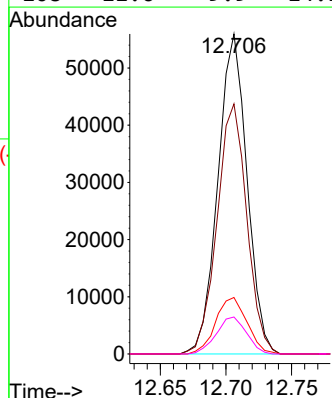
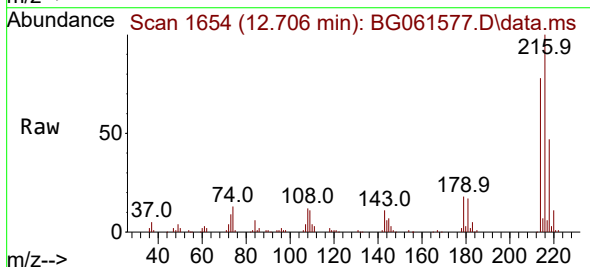
Ion Ratio Lower Upper

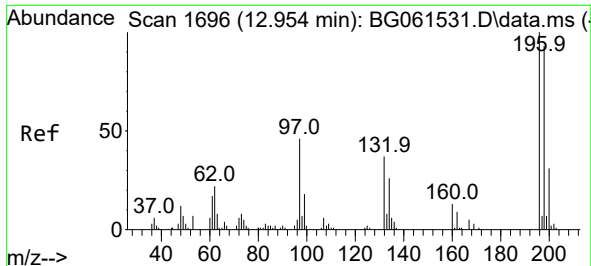
216 100

214 78.1 64.5 96.7

179 17.7 16.0 24.0

108 11.6 9.9 14.9

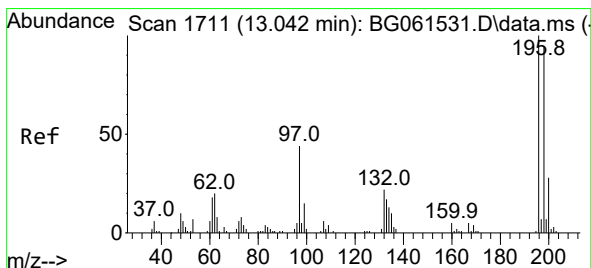
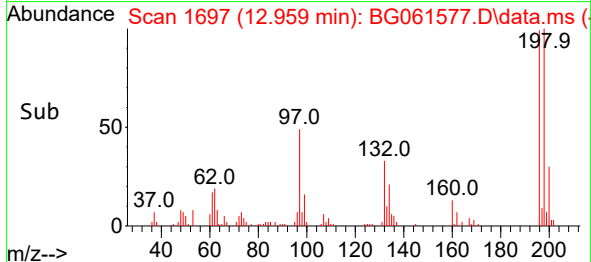
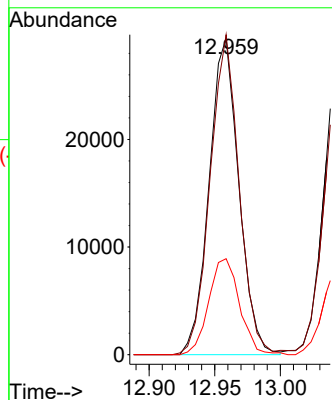
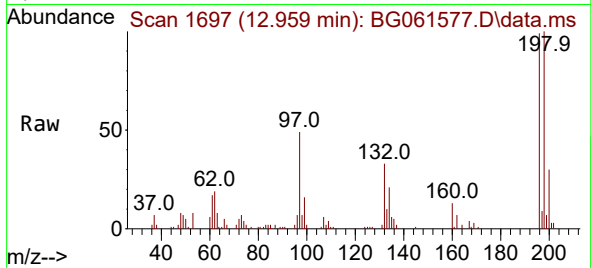




#41
2,4,6-Trichlorophenol
Concen: 35.117 ng/ul
RT: 12.959 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

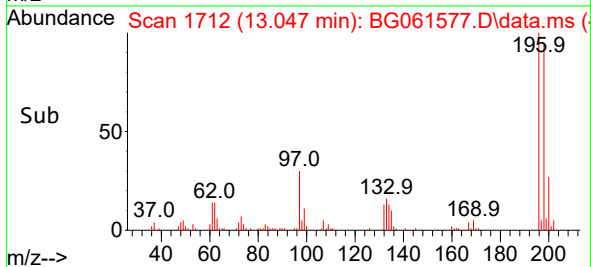
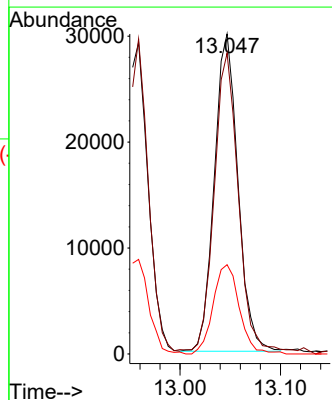
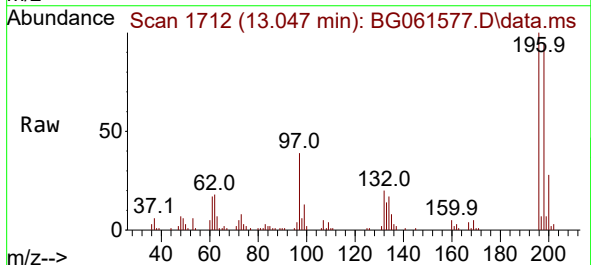
Instrument :
BNA_G
ClientSampleId :
SLCS227

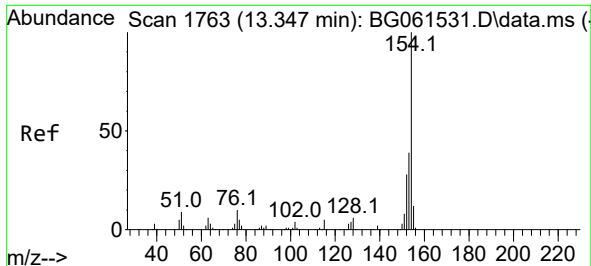
Tgt Ion:196 Resp: 46265
Ion Ratio Lower Upper
196 100
198 101.1 78.5 117.7
200 30.3 26.1 39.1



#42
2,4,5-Trichlorophenol
Concen: 35.326 ng/ul
RT: 13.047 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Tgt Ion:196 Resp: 49010
Ion Ratio Lower Upper
196 100
198 94.0 77.4 116.2
200 27.9 21.0 31.6





#43

1,1'-Biphenyl

Concen: 31.408 ng/ul

RT: 13.341 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

Instrument :

BNA_G

ClientSampleId :

SLCS227

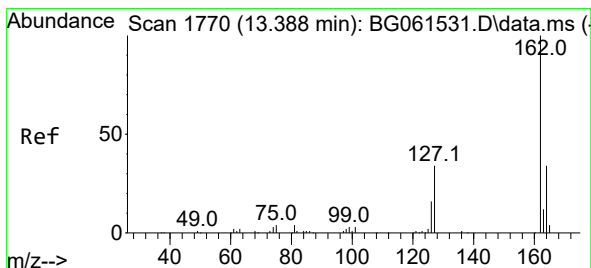
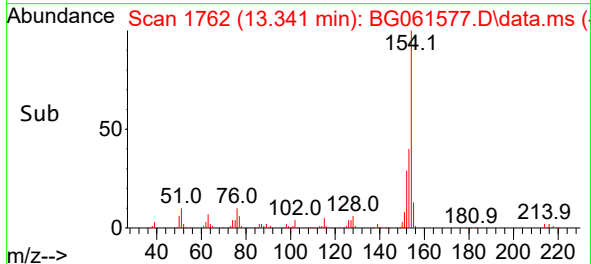
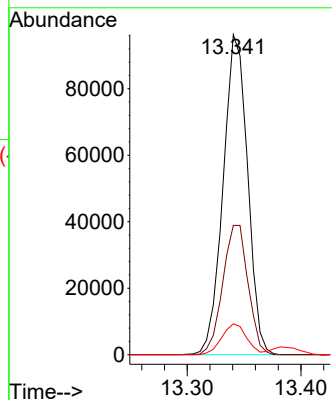
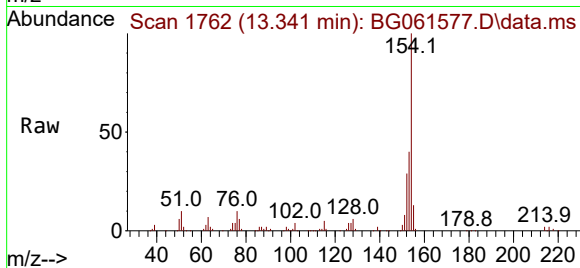
Tgt Ion:154 Resp: 143875

Ion Ratio Lower Upper

154 100

153 40.4 31.2 46.8

76 9.7 8.5 12.7



#44

2-Chloronaphthalene

Concen: 32.297 ng/ul

RT: 13.388 min Scan# 1770

Delta R.T. 0.000 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

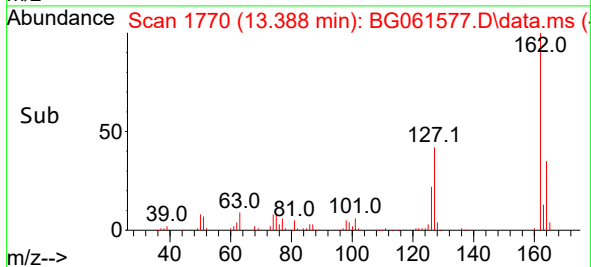
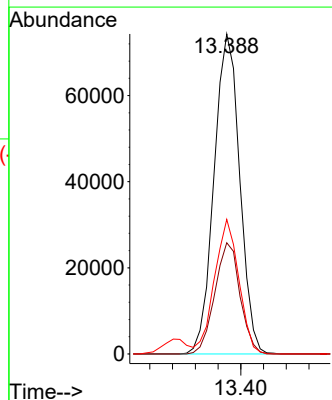
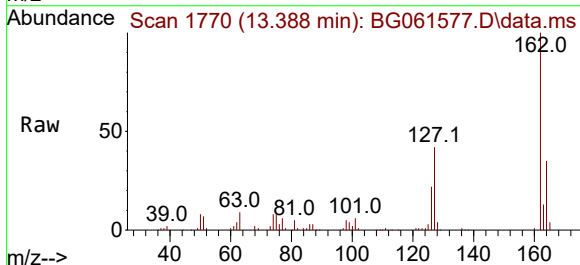
Tgt Ion:162 Resp: 116431

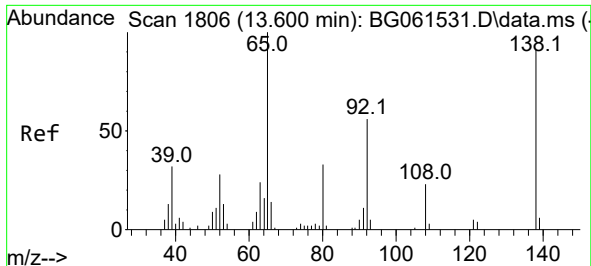
Ion Ratio Lower Upper

162 100

164 34.7 26.8 40.2

127 42.0 31.9 47.9

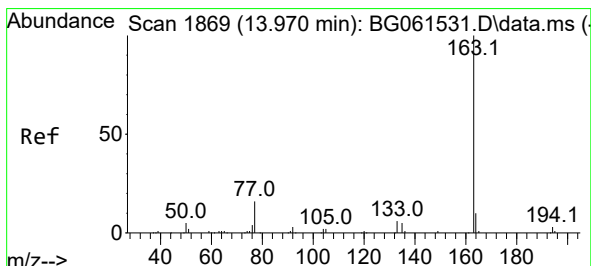
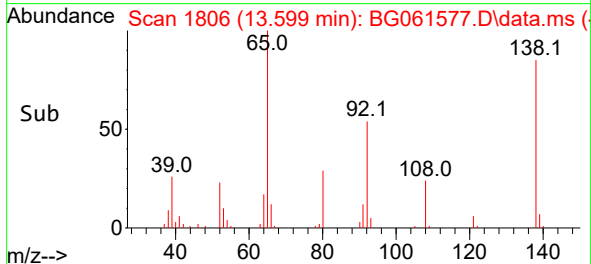
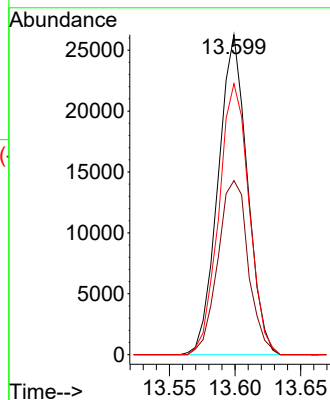
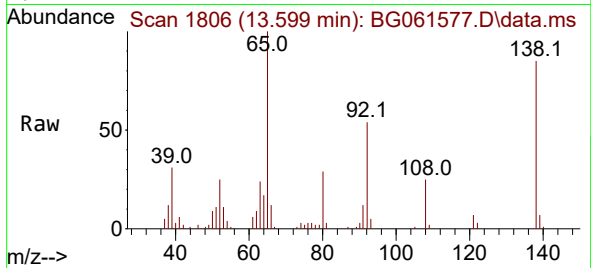




#45
2-Nitroaniline
Concen: 27.373 ng/ul
RT: 13.599 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

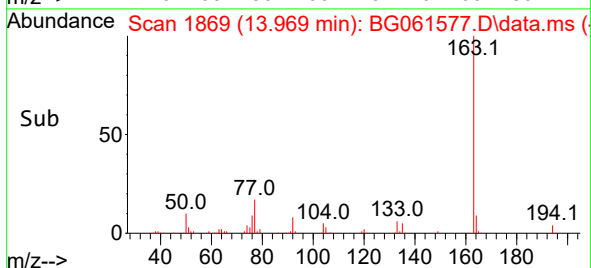
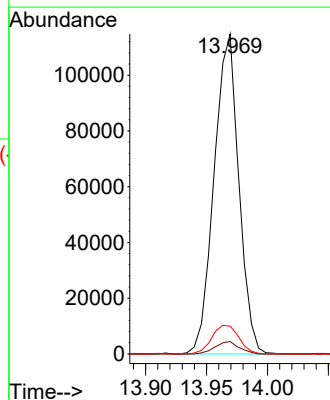
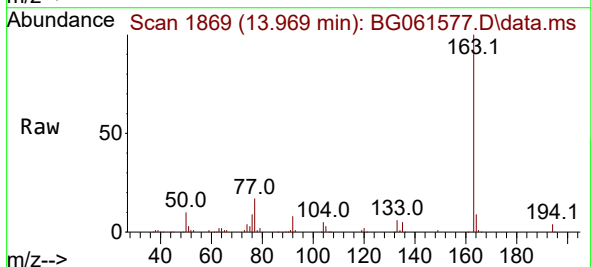
Instrument :
BNA_G
ClientSampleId :
SLCS227

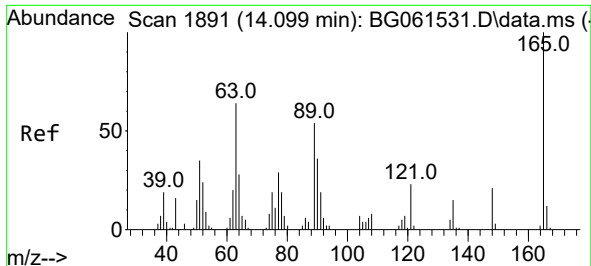
Tgt Ion: 65 Resp: 40727
Ion Ratio Lower Upper
65 100
92 54.4 46.2 69.4
138 84.7 65.0 97.6



#47
Dimethylphthalate
Concen: 28.281 ng/ul
RT: 13.969 min Scan# 1869
Delta R.T. 0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Tgt Ion:163 Resp: 161957
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 8.7 8.1 12.1

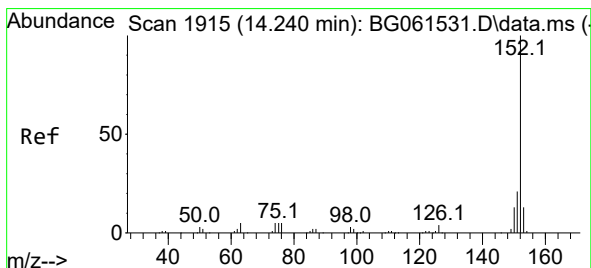
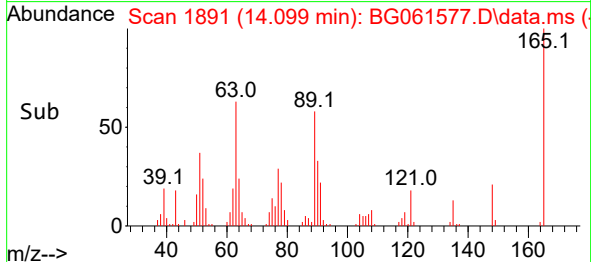
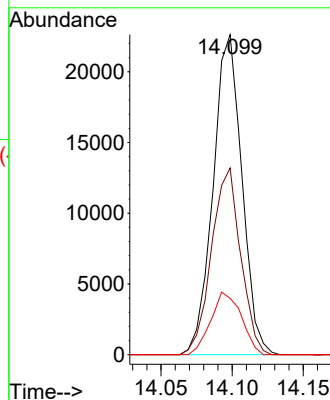
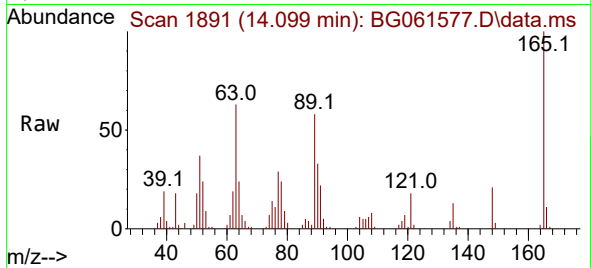




#48
2,6-Dinitrotoluene
Concen: 28.375 ng/ul
RT: 14.099 min Scan# 1891
Delta R.T. 0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

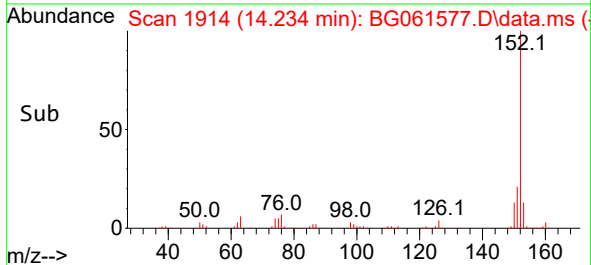
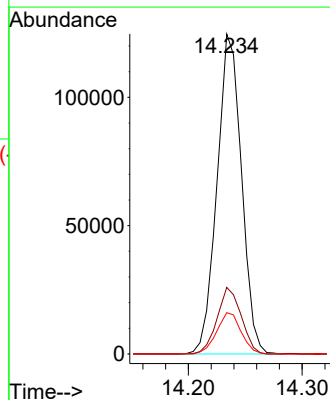
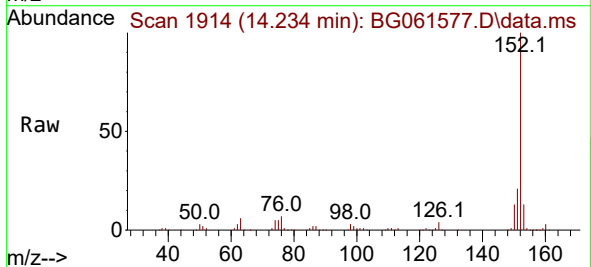
Instrument :
BNA_G
ClientSampleId :
SLCS227

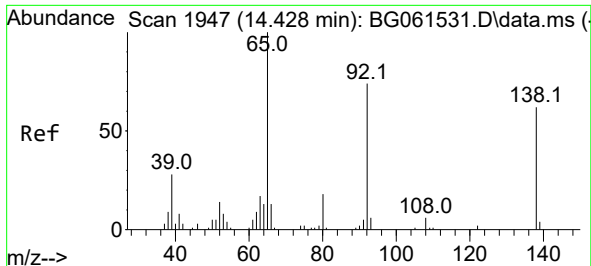
Tgt Ion:165 Resp: 31866
Ion Ratio Lower Upper
165 100
89 58.4 46.0 69.0
121 17.6 17.9 26.9#



#50
Acenaphthylene
Concen: 29.395 ng/ul
RT: 14.234 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Tgt Ion:152 Resp: 186197
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2
153 12.9 10.2 15.4

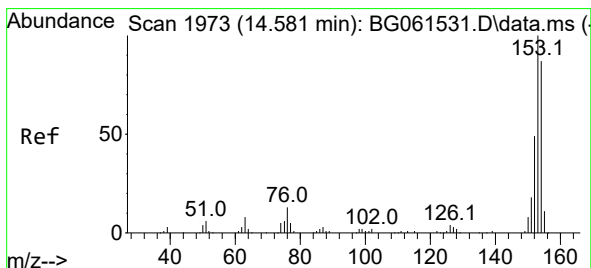
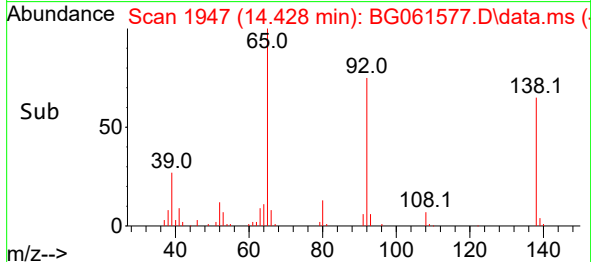
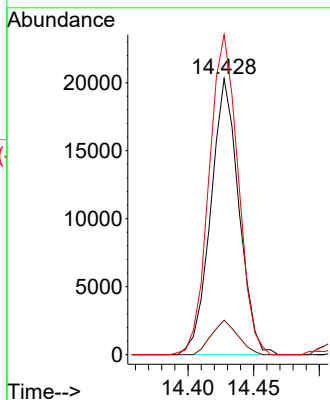
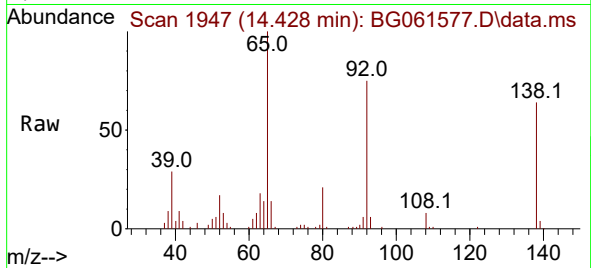




#51
3-Nitroaniline
Concen: 31.023 ng/ul
RT: 14.428 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

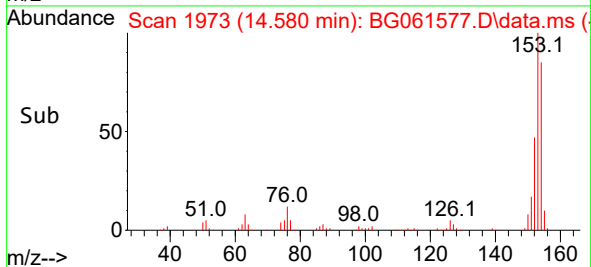
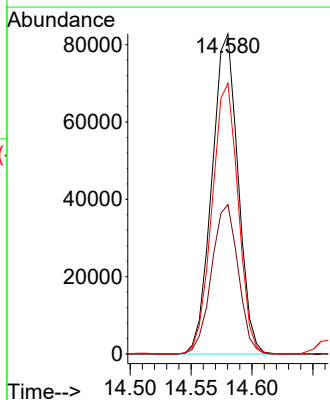
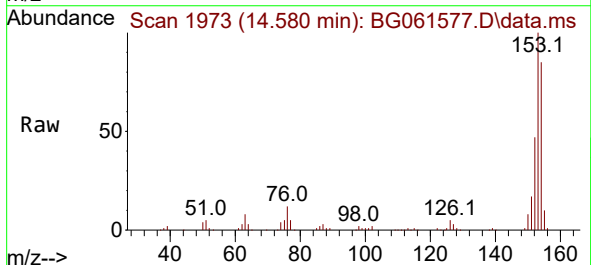
Instrument :
BNA_G
ClientSampleId :
SLCS227

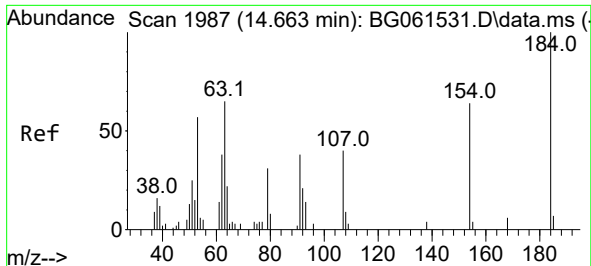
Tgt Ion:138 Resp: 30235
Ion Ratio Lower Upper
138 100
108 12.5 10.1 15.1
92 115.9 97.6 146.4



#52
Acenaphthene
Concen: 29.755 ng/ul
RT: 14.580 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Tgt Ion:153 Resp: 123636
Ion Ratio Lower Upper
153 100
152 46.7 37.8 56.8
154 84.6 69.0 103.6

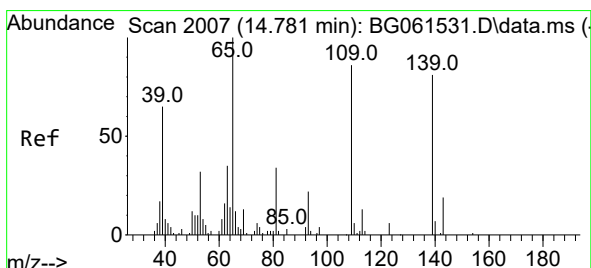
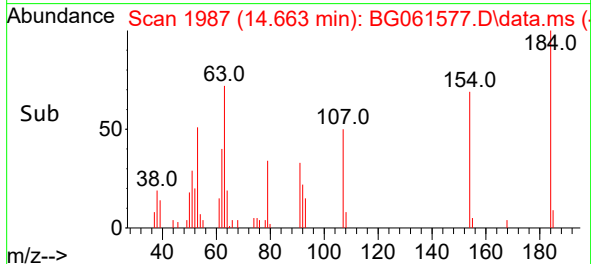
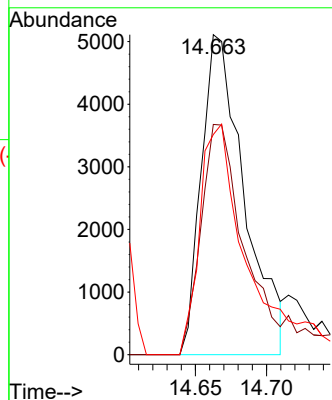
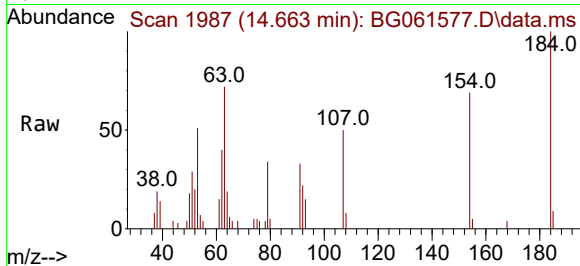




#53
2,4-Dinitrophenol
Concen: 18.087 ng/ul
RT: 14.663 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

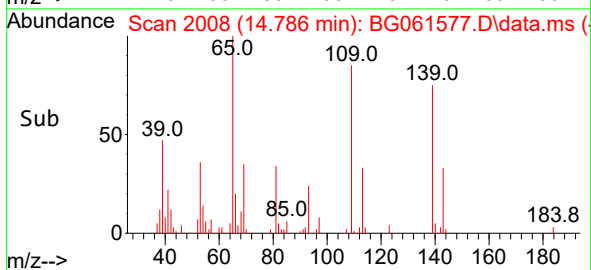
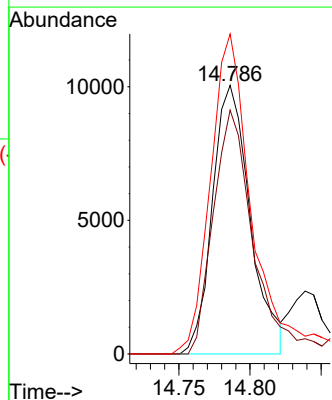
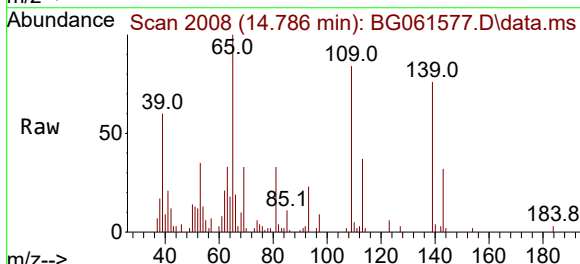
Instrument :
BNA_G
ClientSampleId :
SLCS227

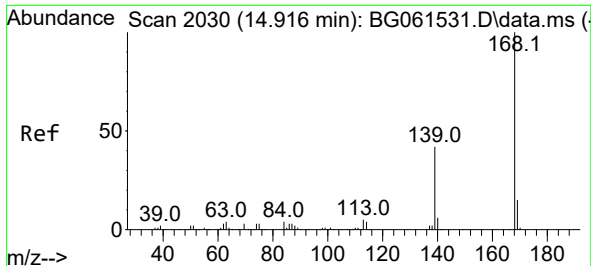
Tgt Ion:184 Resp: 10771
Ion Ratio Lower Upper
184 100
63 71.9 61.3 91.9
154 68.8 55.0 82.4



#55
4-Nitrophenol
Concen: 23.188 ng/ul
RT: 14.786 min Scan# 2008
Delta R.T. 0.012 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Tgt Ion:109 Resp: 18519
Ion Ratio Lower Upper
109 100
139 90.8 74.9 112.3
65 119.1 104.0 156.0

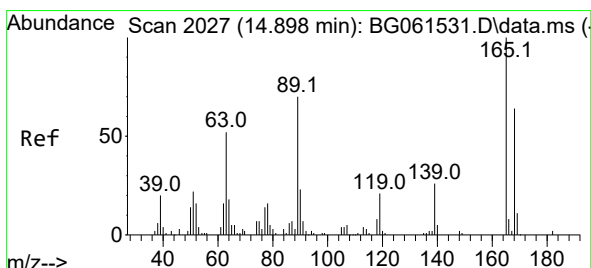
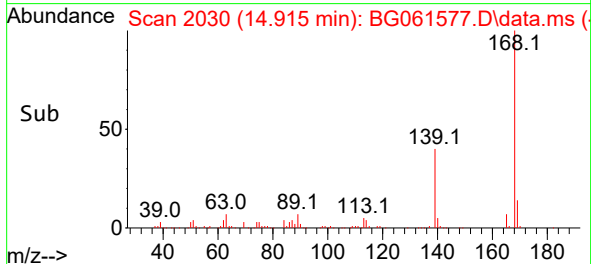
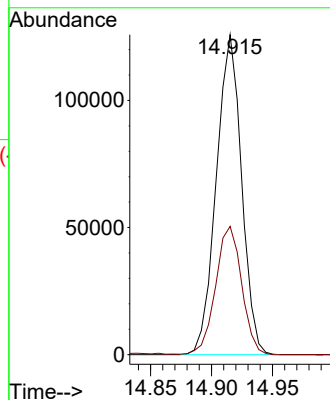
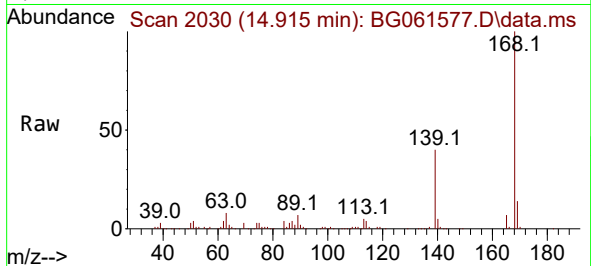




#56
Dibenzenofuran
Concen: 30.454 ng/ul
RT: 14.915 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

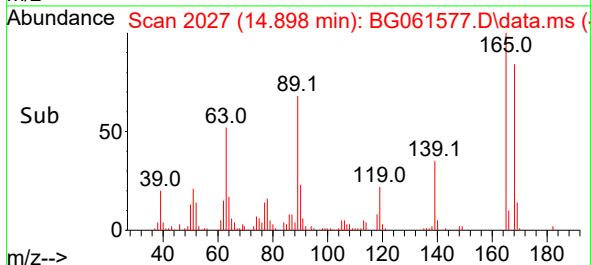
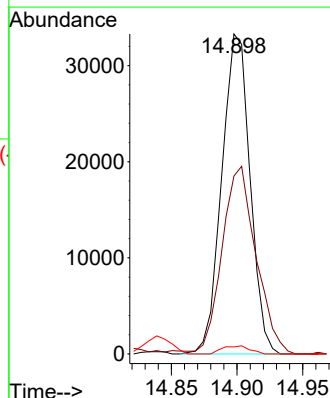
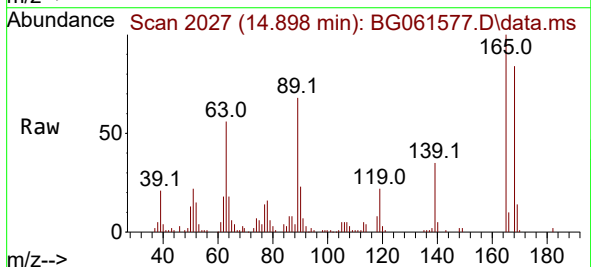
Instrument :
BNA_G
ClientSampleId :
SLCS227

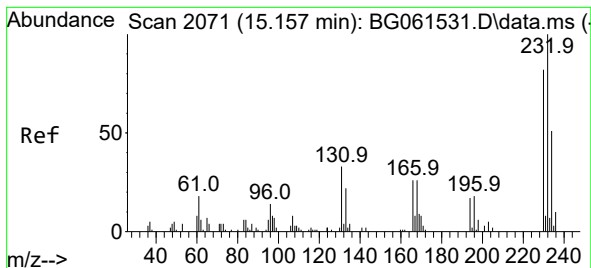
Tgt Ion:168 Resp: 180929
Ion Ratio Lower Upper
168 100
139 40.1 33.4 50.2



#57
2,4-Dinitrotoluene
Concen: 29.162 ng/ul
RT: 14.898 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Tgt Ion:165 Resp: 49827
Ion Ratio Lower Upper
165 100
63 55.6 43.4 65.2
182 2.2 2.0 3.0

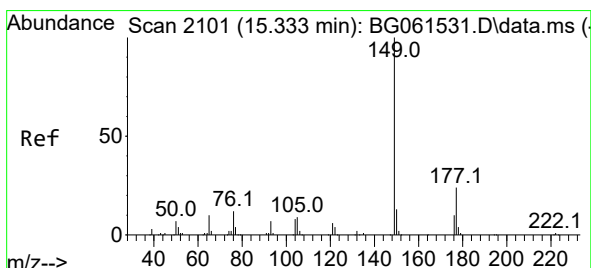
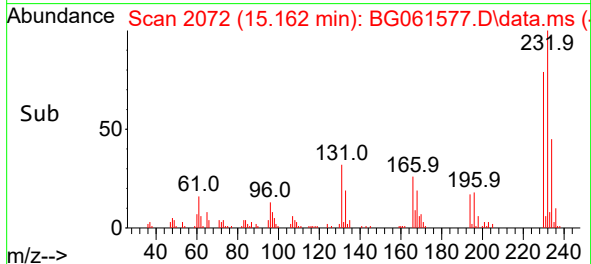
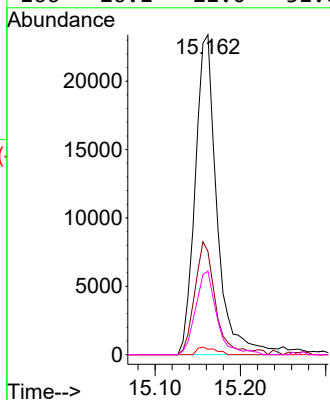
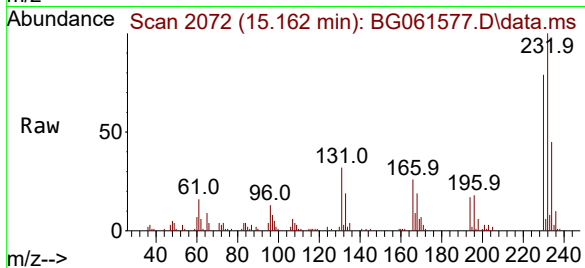




#58
2,3,4,6-Tetrachlorophenol
Concen: 32.816 ng/ul
RT: 15.162 min Scan# 2071
Delta R.T. 0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

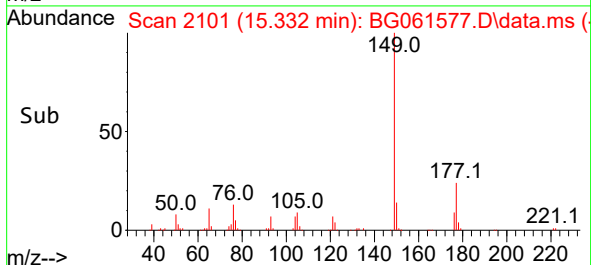
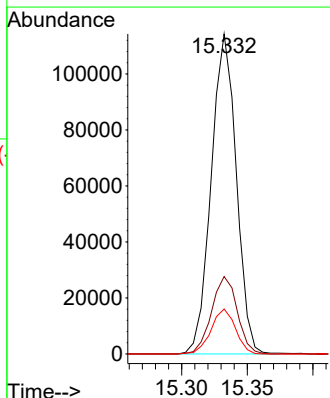
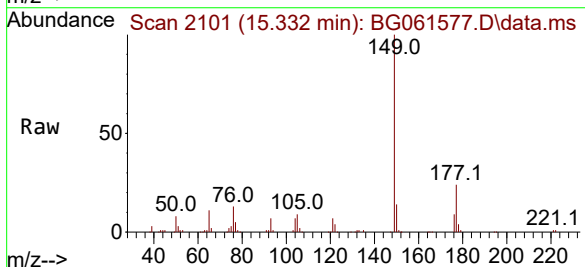
Instrument :
BNA_G
ClientSampleId :
SLCS227

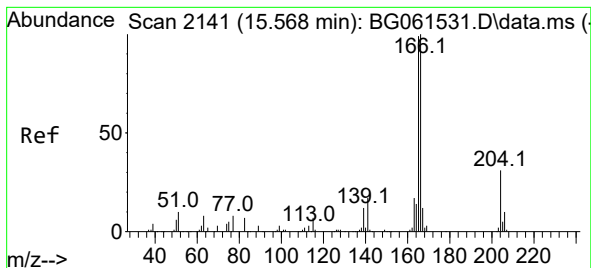
Tgt Ion:232 Resp: 41524
Ion Ratio Lower Upper
232 100
131 32.3 30.2 45.2
130 1.7 1.8 2.6#
166 26.1 21.0 31.6



#59
Diethylphthalate
Concen: 26.843 ng/ul
RT: 15.332 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Tgt Ion:149 Resp: 151797
Ion Ratio Lower Upper
149 100
177 24.2 19.1 28.7
150 14.0 11.0 16.4





#61

Fluorene

Concen: 29.603 ng/ul

RT: 15.567 min Scan# 2141

Delta R.T. 0.006 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

Instrument :

BNA_G

ClientSampleId :

SLCS227

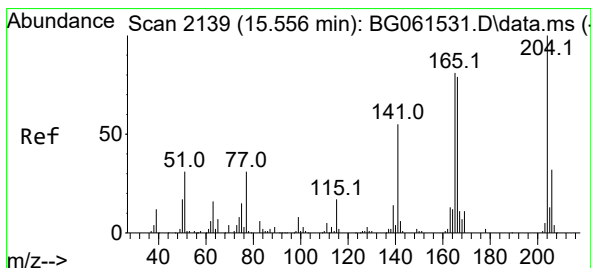
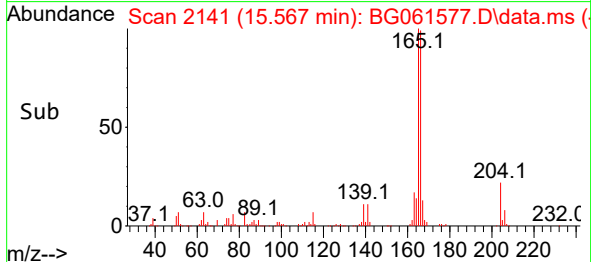
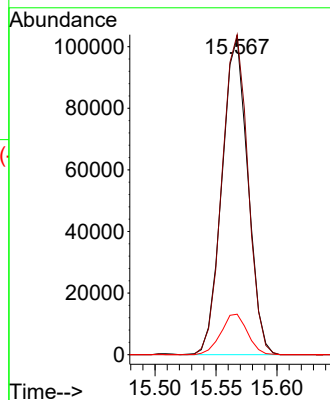
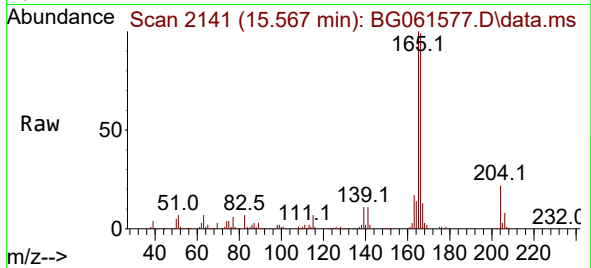
Tgt Ion:166 Resp: 152173

Ion Ratio Lower Upper

166 100

165 100.8 81.8 122.8

167 12.7 10.6 16.0



#62

4-Chlorophenyl-phenylether

Concen: 29.898 ng/ul

RT: 15.556 min Scan# 2139

Delta R.T. 0.000 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

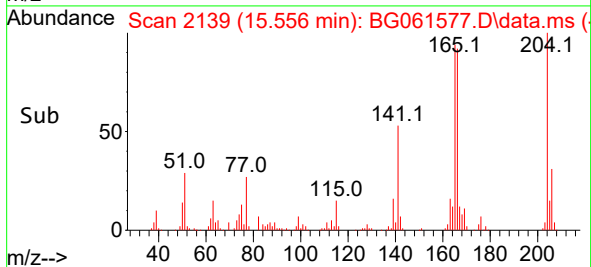
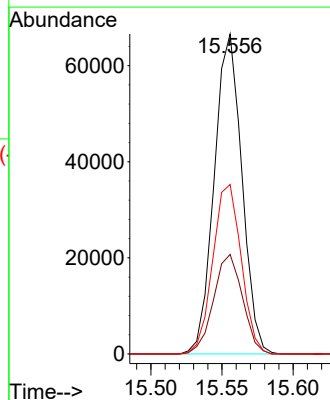
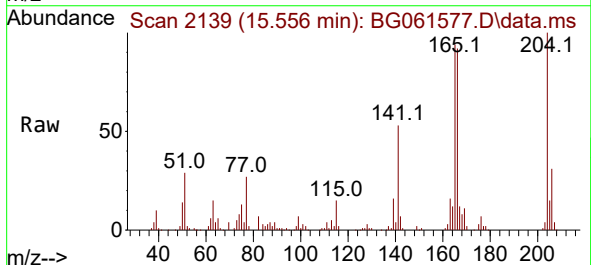
Tgt Ion:204 Resp: 90135

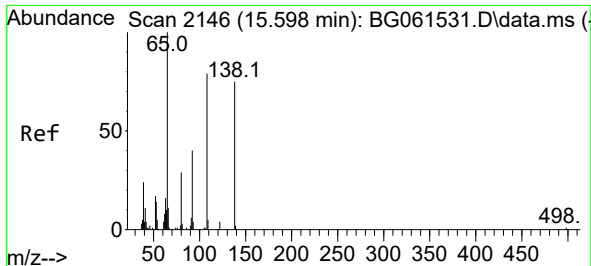
Ion Ratio Lower Upper

204 100

206 31.1 26.3 39.5

141 53.0 43.0 64.6

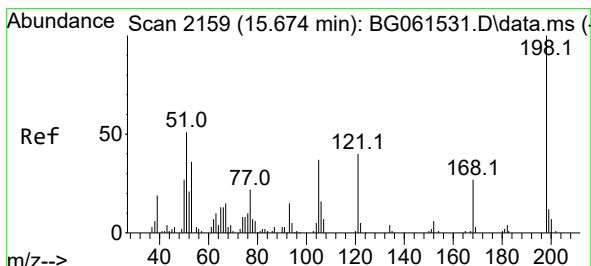
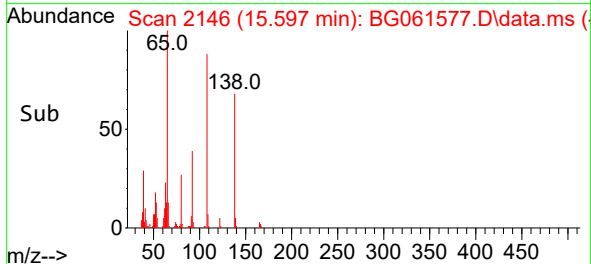
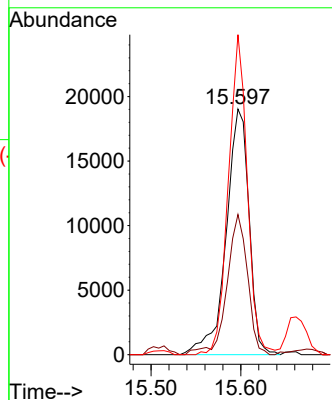
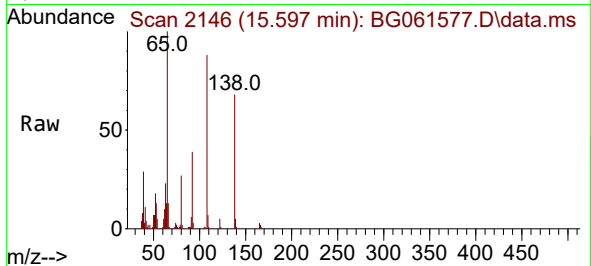




#63
4-Nitroaniline
Concen: 33.186 ng/ul
RT: 15.597 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

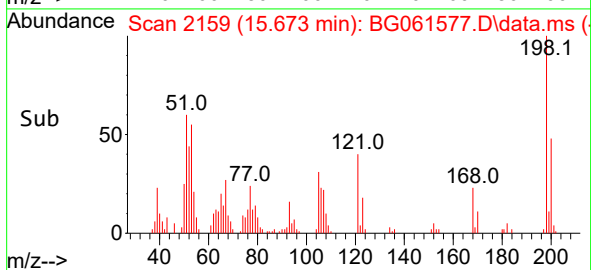
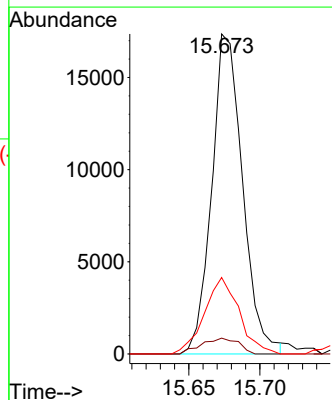
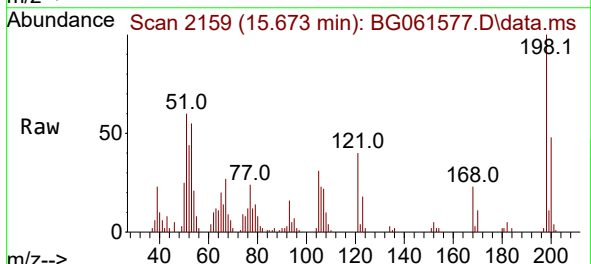
Instrument :
BNA_G
ClientSampleId :
SLCS227

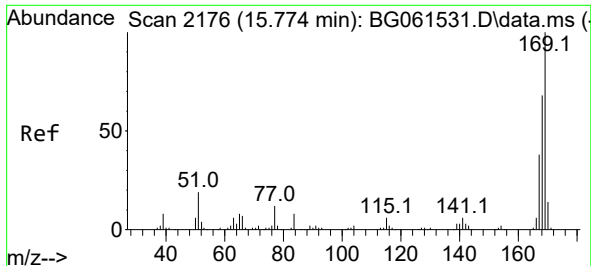
Tgt Ion:138 Resp: 33687
Ion Ratio Lower Upper
138 100
92 57.0 48.6 73.0
108 130.3 95.5 143.3



#66
4,6-Dinitro-2-methylphenol
Concen: 24.222 ng/ul
RT: 15.673 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Tgt Ion:198 Resp: 26198
Ion Ratio Lower Upper
198 100
182 5.0 2.9 4.3#
77 23.9 22.3 33.5

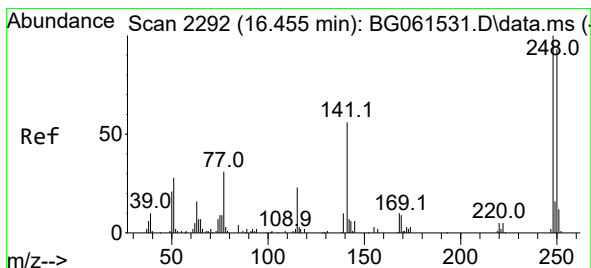
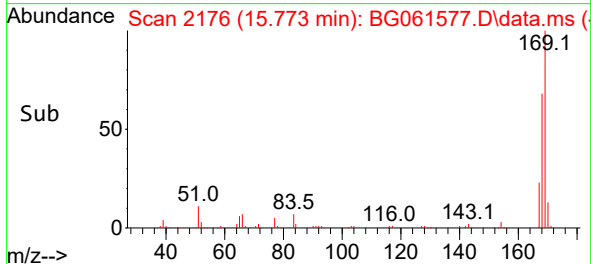
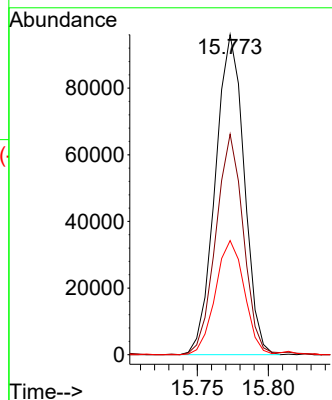
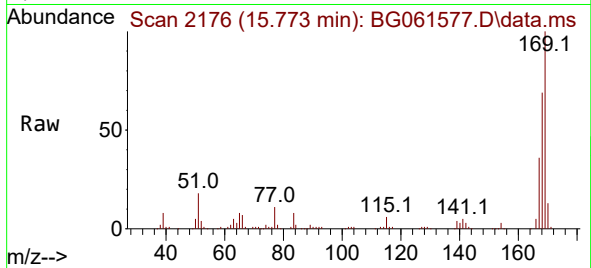




#67
N-Nitrosodiphenylamine
Concen: 31.607 ng/ul
RT: 15.773 min Scan# 2176
Delta R.T. 0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

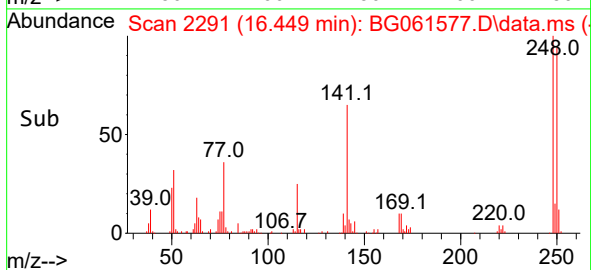
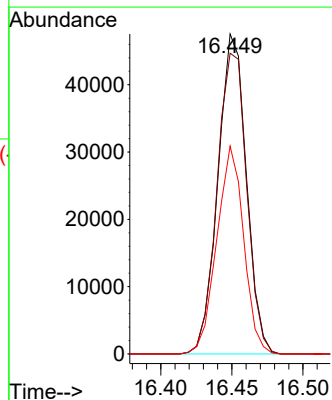
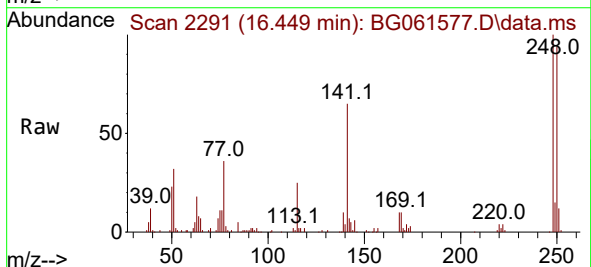
Instrument :
BNA_G
ClientSampleId :
SLCS227

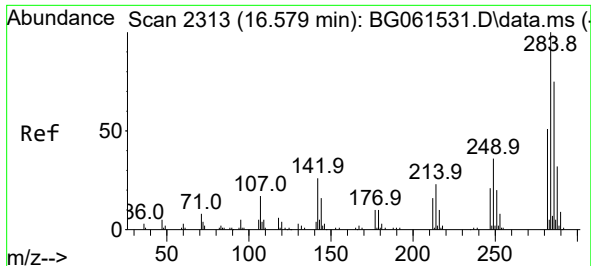
Tgt Ion:169 Resp: 135554
Ion Ratio Lower Upper
169 100
168 68.9 51.9 77.9
167 35.7 29.4 44.2



#68
4-Bromophenyl-phenylether
Concen: 32.696 ng/ul
RT: 16.449 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Tgt Ion:248 Resp: 66105
Ion Ratio Lower Upper
248 100
250 94.0 79.4 119.2
141 65.0 50.2 75.4

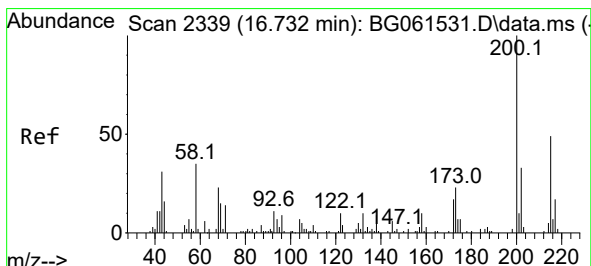
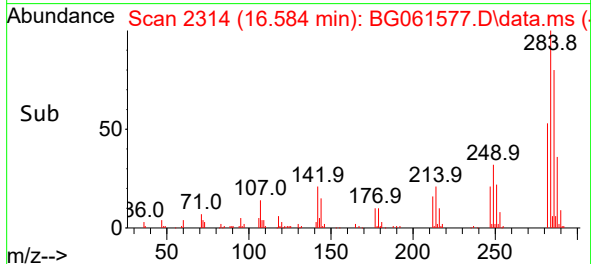
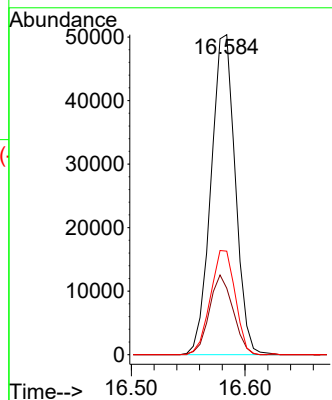
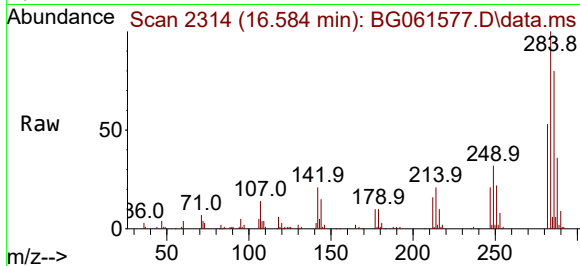




#69
Hexachlorobenzene
Concen: 33.215 ng/ul
RT: 16.584 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

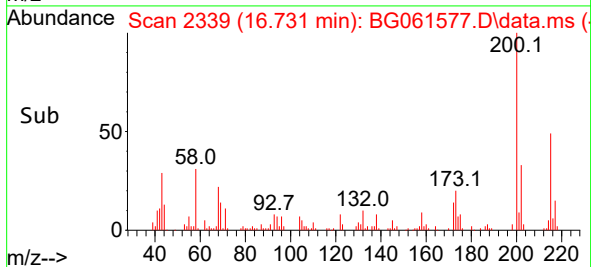
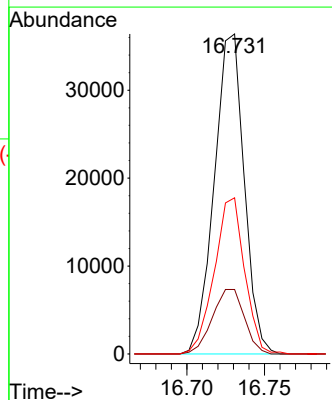
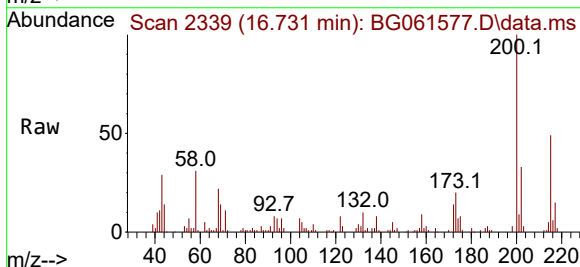
Instrument :
BNA_G
ClientSampleId :
SLCS227

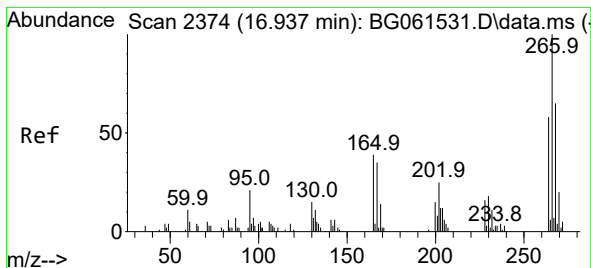
Tgt Ion:284 Resp: 74642
Ion Ratio Lower Upper
284 100
142 20.8 21.2 31.8#
249 32.3 28.7 43.1



#70
Atrazine
Concen: 28.765 ng/ul
RT: 16.731 min Scan# 2339
Delta R.T. 0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Tgt Ion:200 Resp: 48821
Ion Ratio Lower Upper
200 100
173 20.1 15.9 23.9
215 48.8 37.3 55.9





#71

Pentachlorophenol

Concen: 22.003 ng/ul

RT: 16.942 min Scan# 21

Delta R.T. 0.012 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

Instrument :

BNA_G

ClientSampleId :

SLCS227

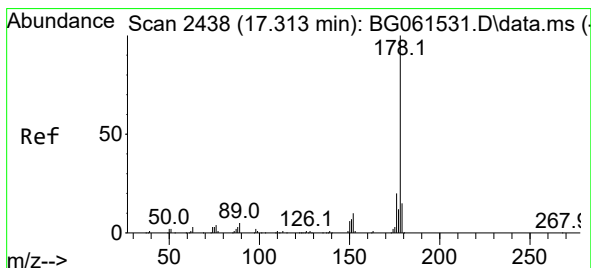
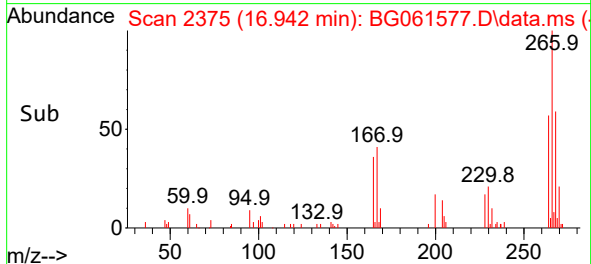
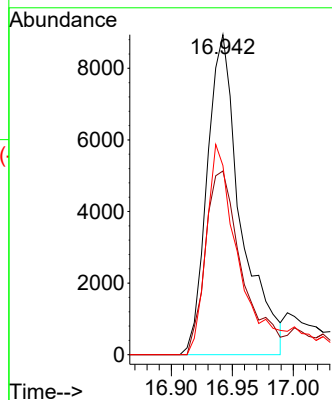
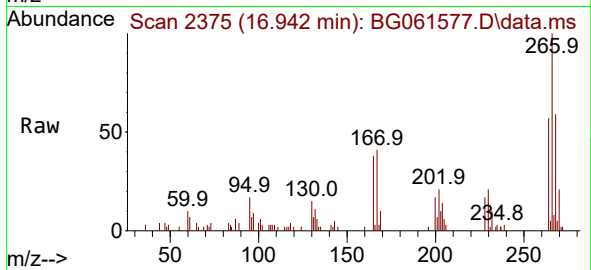
Tgt Ion:266 Resp: 17210

Ion Ratio Lower Upper

266 100

264 57.4 41.9 62.9

268 59.1 52.6 79.0



#72

Phenanthrene

Concen: 30.576 ng/ul

RT: 17.307 min Scan# 2437

Delta R.T. 0.000 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

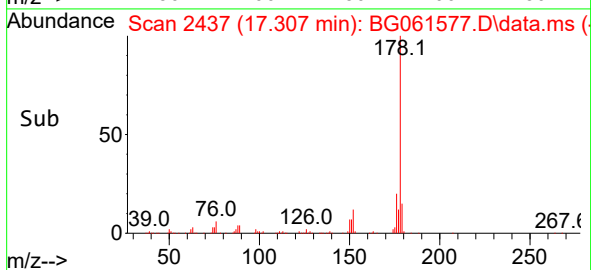
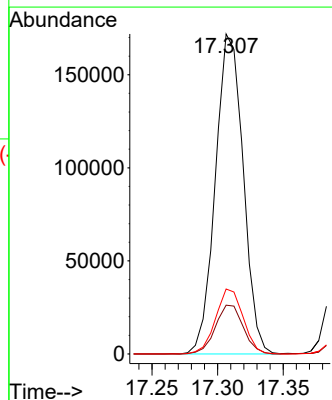
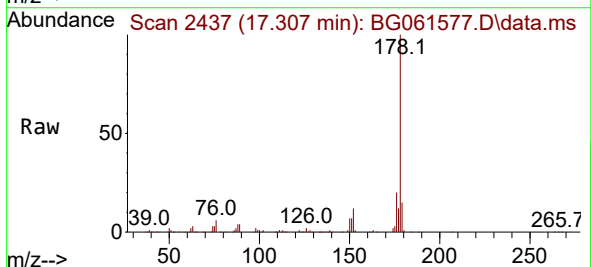
Tgt Ion:178 Resp: 253222

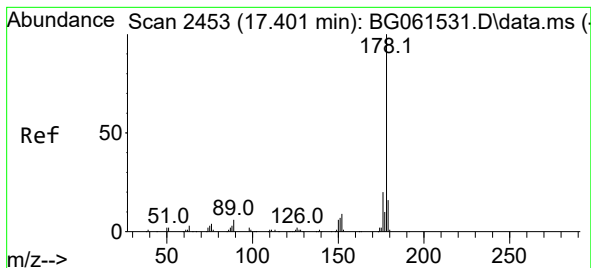
Ion Ratio Lower Upper

178 100

179 15.3 12.7 19.1

176 20.3 15.5 23.3





#74

Anthracene

Concen: 29.005 ng/uL

RT: 17.401 min Scan# 2453

Delta R.T. 0.006 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

Instrument :

BNA_G

ClientSampleId :

SLCS227

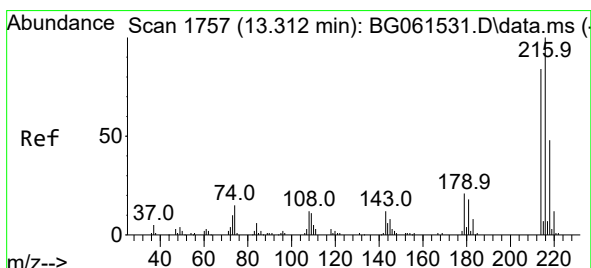
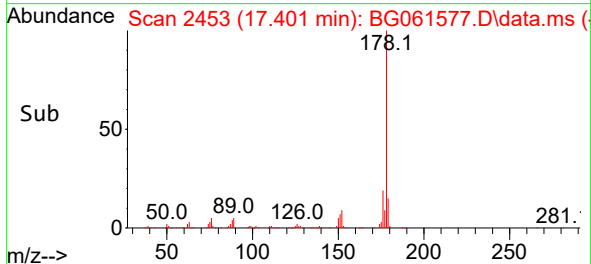
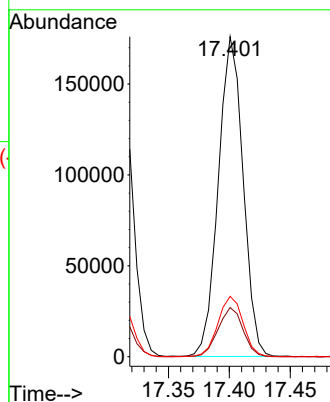
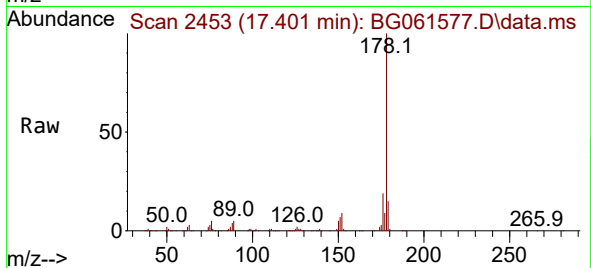
Tgt Ion:178 Resp: 248370

Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.6

176 18.9 14.9 22.3



#75

1,2,3,4-Tetrachlorobenzene

Concen: 36.951 ng/uL

RT: 13.317 min Scan# 1758

Delta R.T. 0.006 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

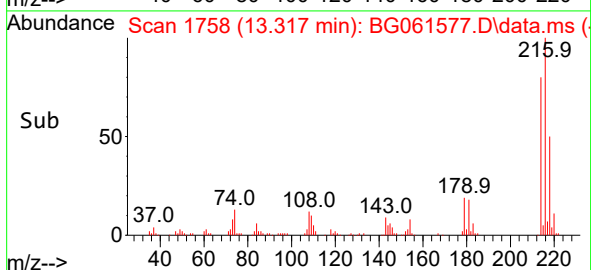
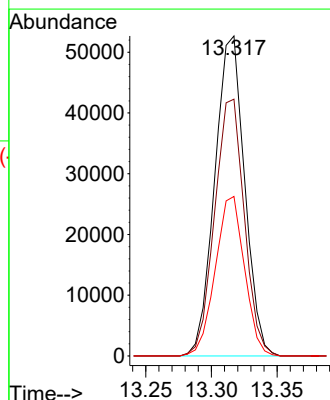
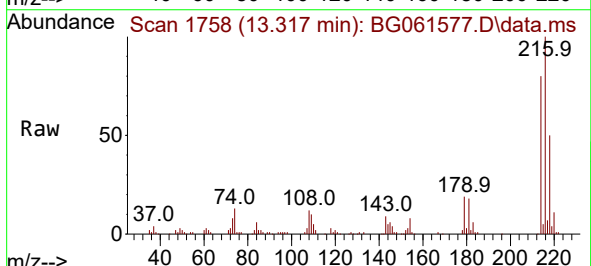
Tgt Ion:216 Resp: 83342

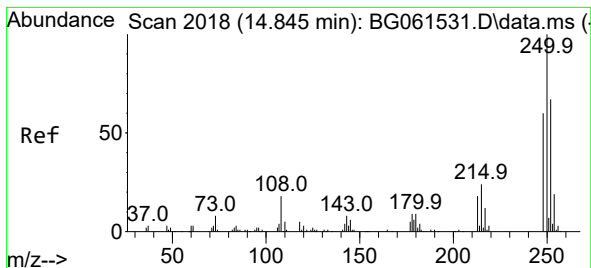
Ion Ratio Lower Upper

216 100

214 80.2 60.0 90.0

218 49.8 38.5 57.7





#76

Pentachlorobenzene

Concen: 36.495 ng/uL

RT: 14.839 min Scan# 20

Delta R.T. 0.000 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

Instrument :

BNA_G

ClientSampleId :

SLCS227

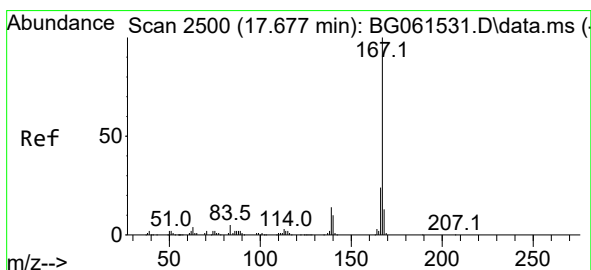
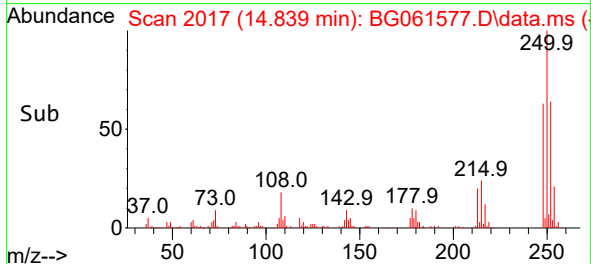
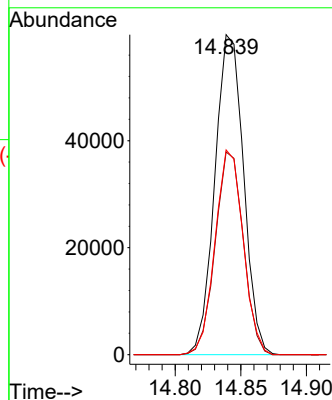
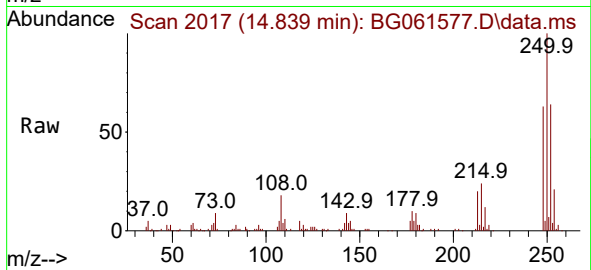
Tgt Ion:250 Resp: 91007

Ion Ratio Lower Upper

250 100

248 63.4 52.6 79.0

252 64.0 54.7 82.1



#77

Carbazole

Concen: 31.430 ng/uL

RT: 17.677 min Scan# 2500

Delta R.T. 0.006 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

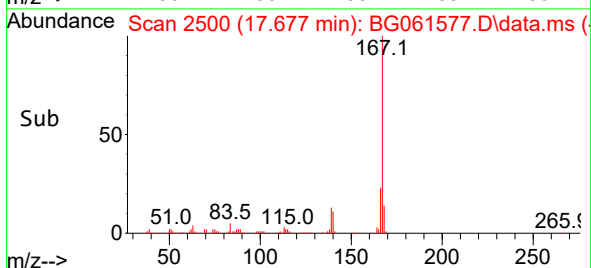
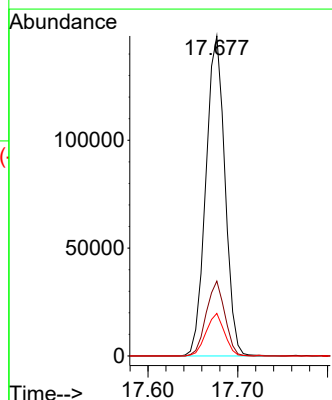
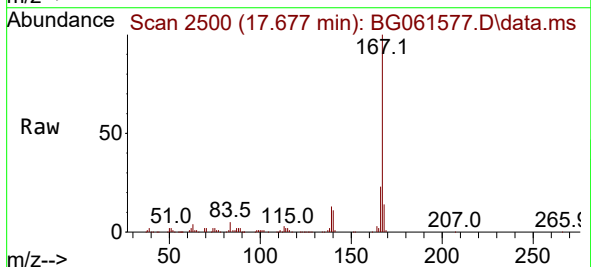
Tgt Ion:167 Resp: 218910

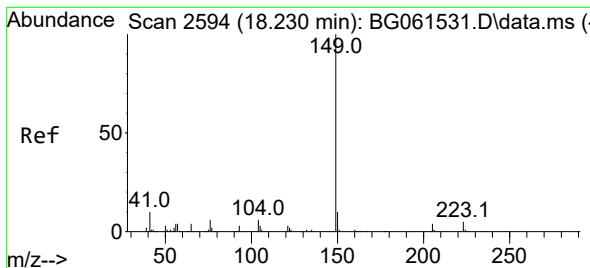
Ion Ratio Lower Upper

167 100

166 23.4 18.6 28.0

139 13.3 10.6 15.8





#78

Di-n-butylphthalate

Concen: 29.751 ng/ul

RT: 18.229 min Scan# 2

Delta R.T. 0.006 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

Instrument :

BNA_G

ClientSampleId :

SLCS227

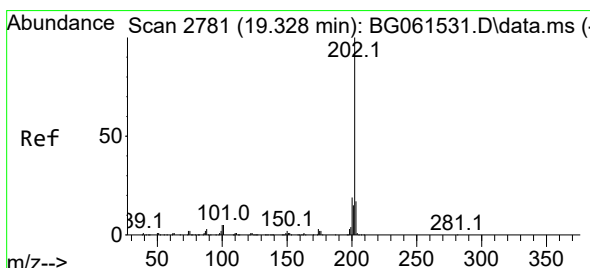
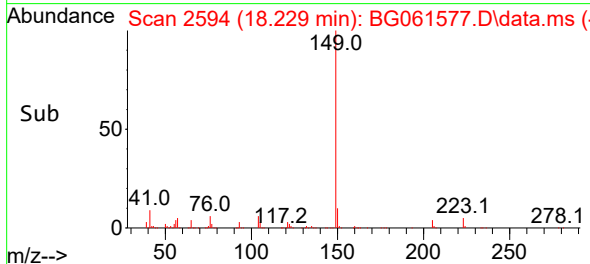
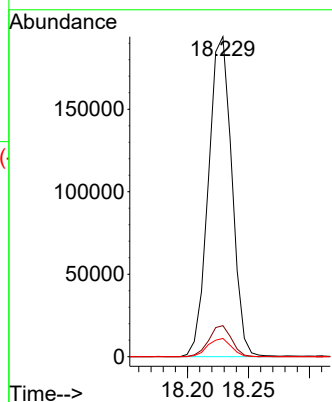
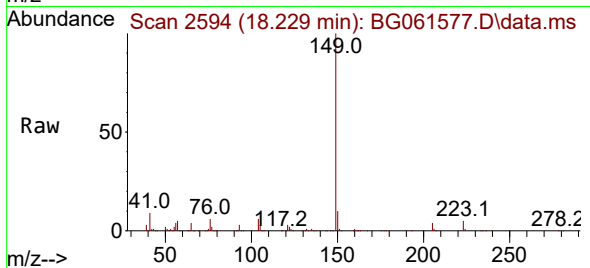
Tgt Ion:149 Resp: 259644

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

104 5.7 4.8 7.2



#80

Fluoranthene

Concen: 29.407 ng/ul

RT: 19.328 min Scan# 2781

Delta R.T. 0.006 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

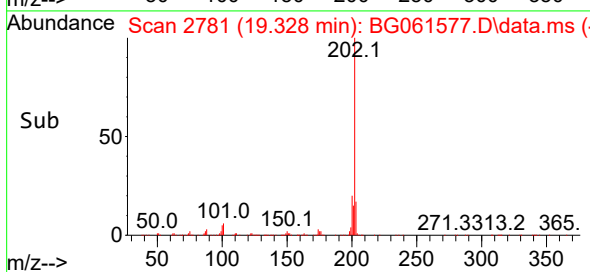
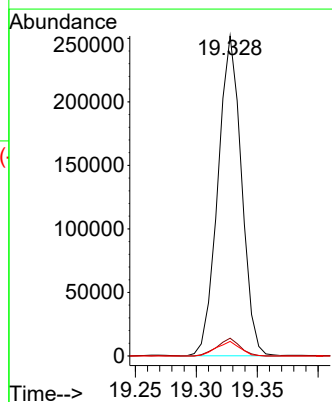
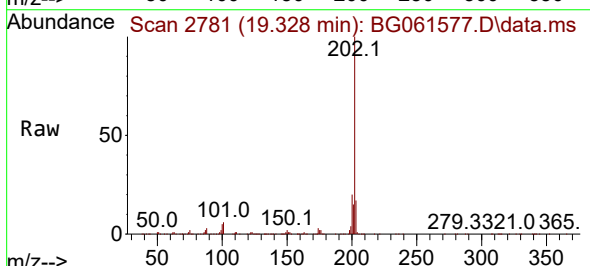
Tgt Ion:202 Resp: 339114

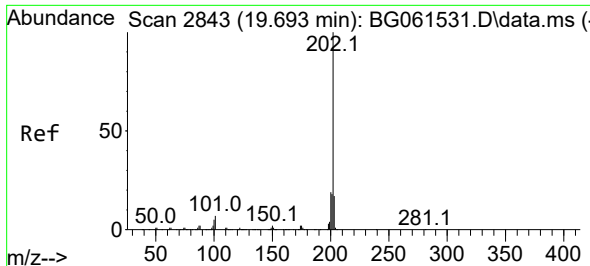
Ion Ratio Lower Upper

202 100

101 5.5 4.8 7.2

100 4.5 4.1 6.1

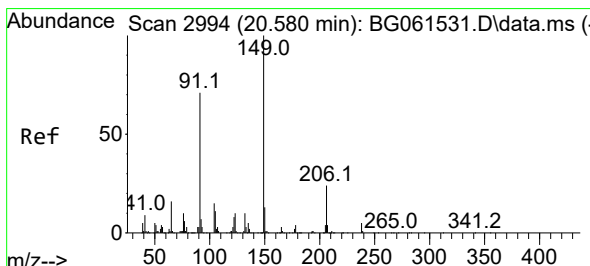
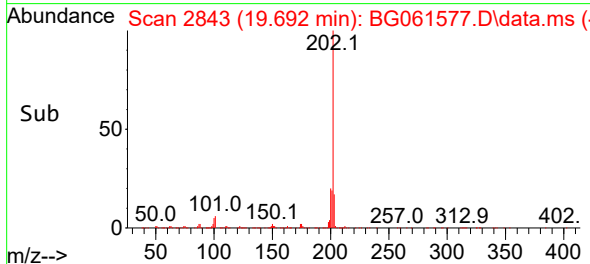
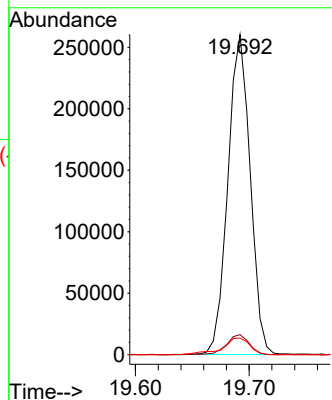
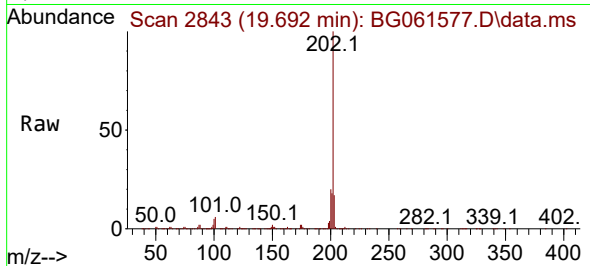




#82
 Pyrene
 Concen: 29.624 ng/ul
 RT: 19.692 min Scan# 2843
 Delta R.T. 0.006 min
 Lab File: BG061577.D
 Acq: 8 Jun 2024 23:04

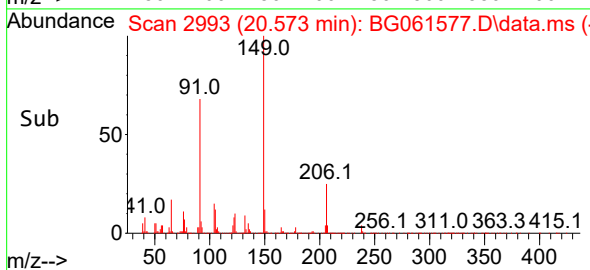
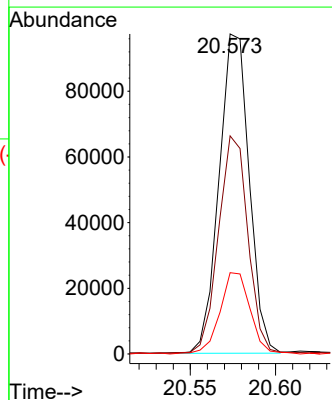
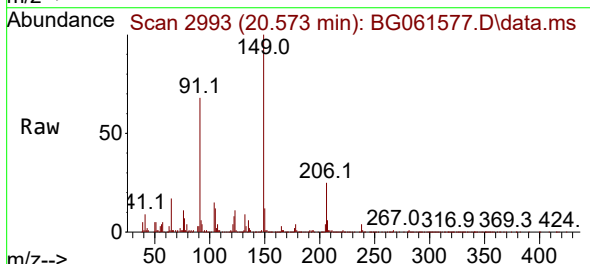
Instrument :
 BNA_G
 ClientSampleId :
 SLCS227

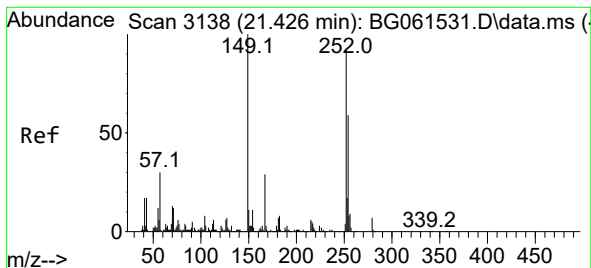
Tgt Ion:202 Resp: 354598
 Ion Ratio Lower Upper
 202 100
 101 6.3 5.7 8.5
 100 5.2 5.1 7.7



#83
 Butylbenzylphthalate
 Concen: 29.059 ng/ul
 RT: 20.573 min Scan# 2993
 Delta R.T. 0.000 min
 Lab File: BG061577.D
 Acq: 8 Jun 2024 23:04

Tgt Ion:149 Resp: 119491
 Ion Ratio Lower Upper
 149 100
 91 68.2 54.8 82.2
 206 25.4 19.4 29.0





#84

3,3'-Dichlorobenzidine

Concen: 33.608 ng/ul

RT: 21.425 min Scan# 3138

Delta R.T. 0.006 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

Instrument :

BNA_G

ClientSampleId :

SLCS227

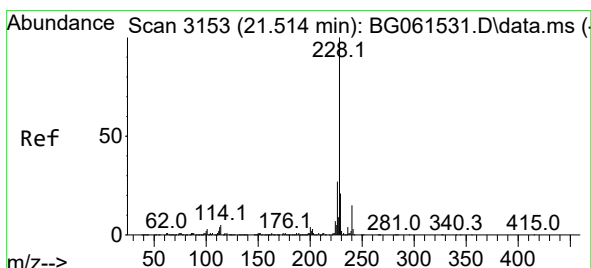
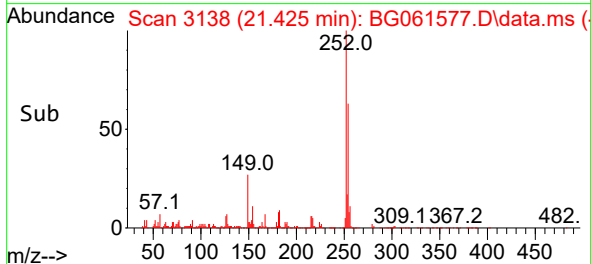
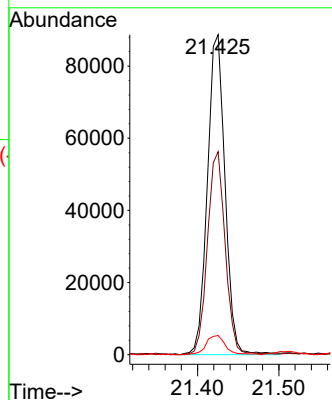
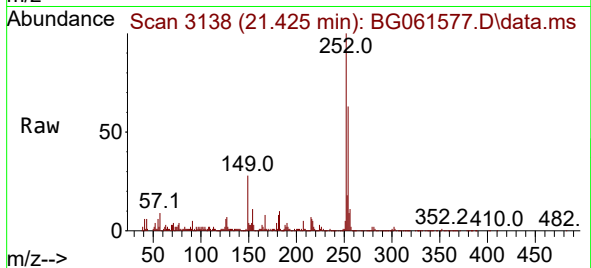
Tgt Ion:252 Resp: 133557

Ion Ratio Lower Upper

252 100

254 63.5 52.7 79.1

126 6.0 5.0 7.6



#85

Benzo(a)anthracene

Concen: 30.058 ng/ul

RT: 21.507 min Scan# 3152

Delta R.T. 0.006 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

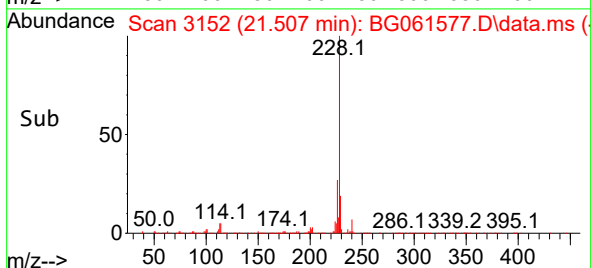
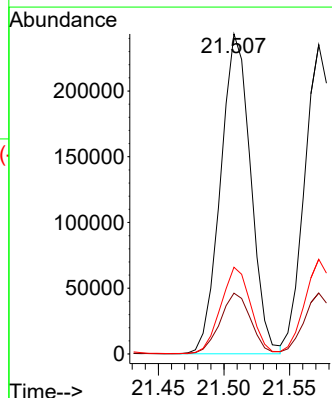
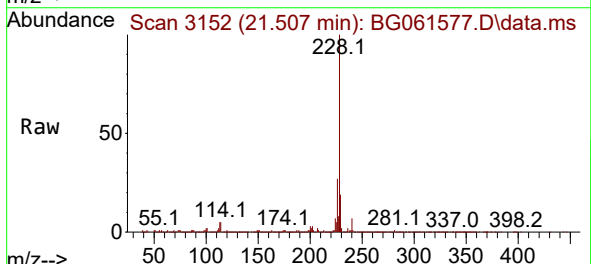
Tgt Ion:228 Resp: 388297

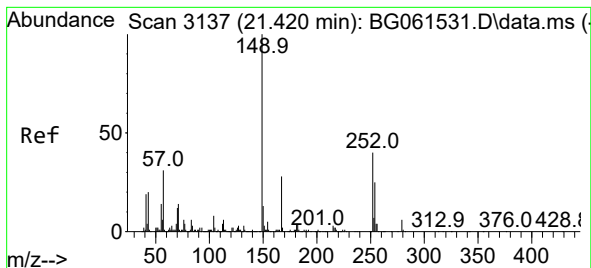
Ion Ratio Lower Upper

228 100

229 19.0 15.2 22.8

226 27.1 21.4 32.2

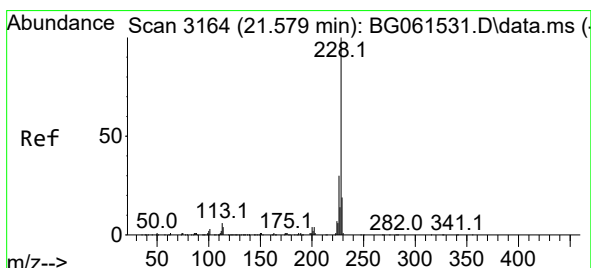
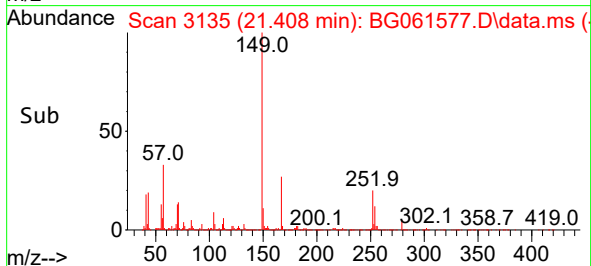
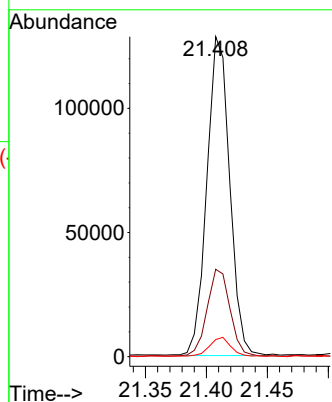
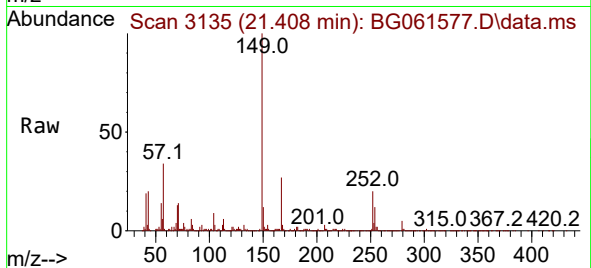




#86
Bis(2-ethylhexyl)phthalate
Concen: 27.484 ng/ul
RT: 21.408 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

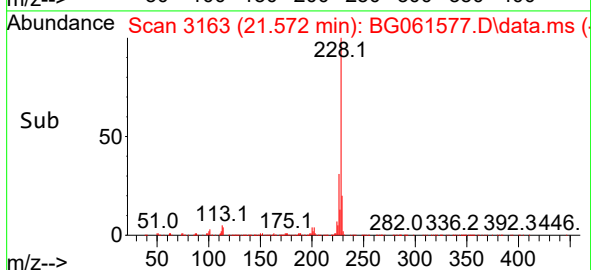
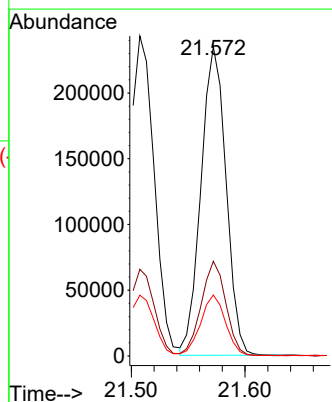
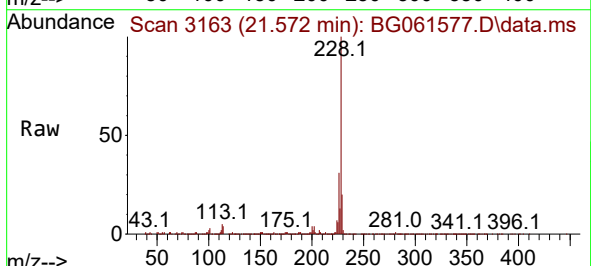
Instrument :
BNA_G
ClientSampleId :
SLCS227

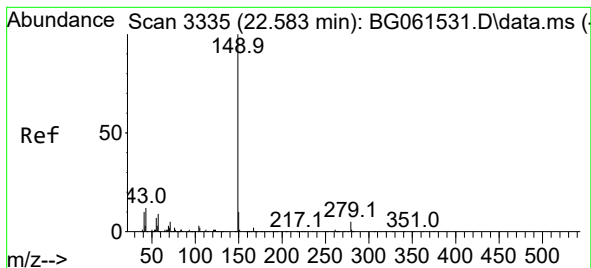
Tgt Ion:149 Resp: 167286
Ion Ratio Lower Upper
149 100
167 27.3 21.1 31.7
279 5.3 3.3 4.9#



#87
Chrysene
Concen: 30.215 ng/ul
RT: 21.572 min Scan# 3163
Delta R.T. 0.006 min
Lab File: BG061577.D
Acq: 8 Jun 2024 23:04

Tgt Ion:228 Resp: 359402
Ion Ratio Lower Upper
228 100
226 30.6 23.4 35.0
229 19.7 15.4 23.2





#89

Di-n-octyl phthalate

Concen: 29.752 ng/ul

RT: 22.577 min Scan# 3

Delta R.T. 0.012 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

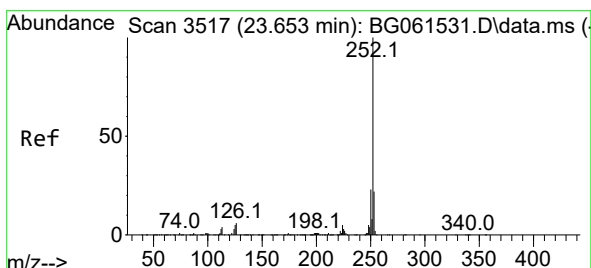
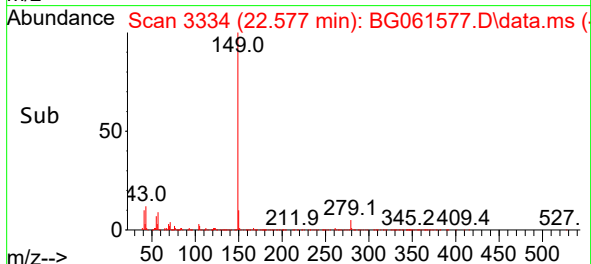
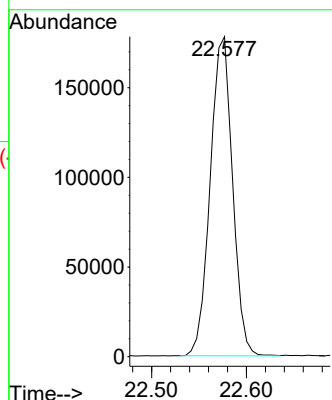
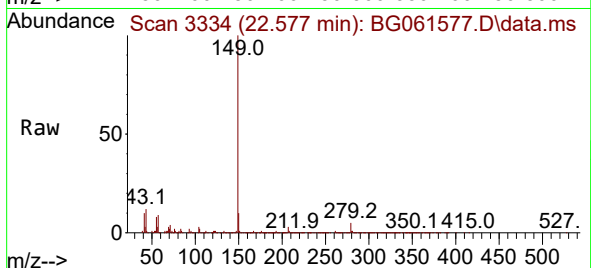
Instrument :

BNA_G

ClientSampleId :

SLCS227

Tgt Ion:149 Resp: 291638



#90

Benzo(b)fluoranthene

Concen: 31.885 ng/ul

RT: 23.652 min Scan# 3517

Delta R.T. 0.018 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

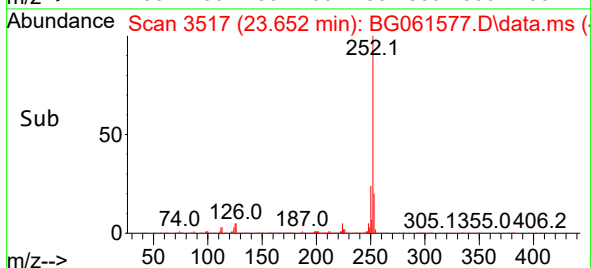
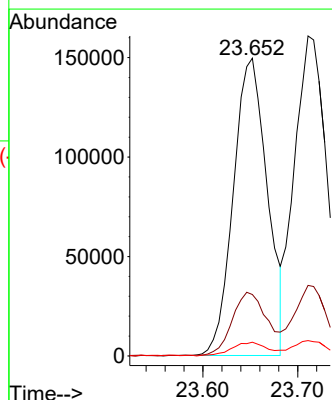
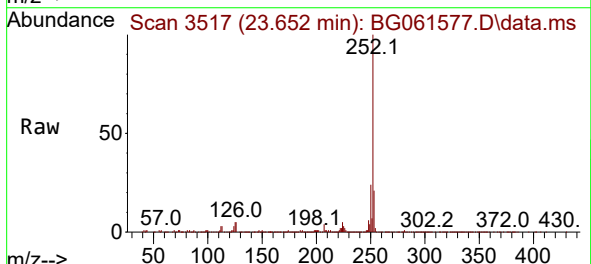
Tgt Ion:252 Resp: 371961

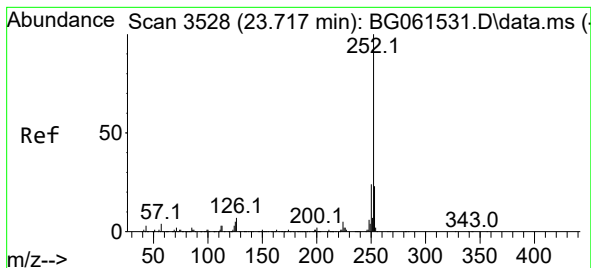
Ion Ratio Lower Upper

252 100

253 20.6 17.8 26.8

125 4.6 4.6 6.8





#91

Benzo(k)fluoranthene

Concen: 32.582 ng/ul

RT: 23.711 min Scan# 3

Delta R.T. 0.012 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

Instrument :

BNA_G

ClientSampleId :

SLCS227

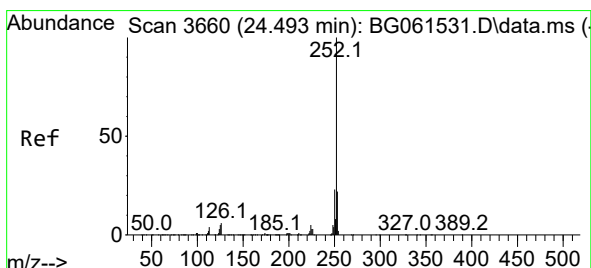
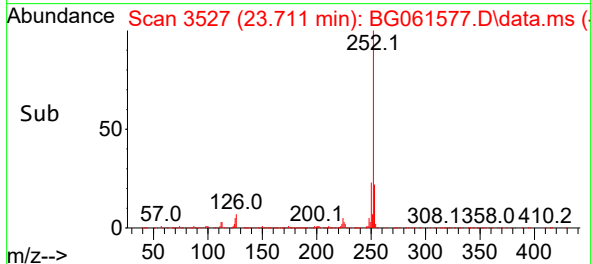
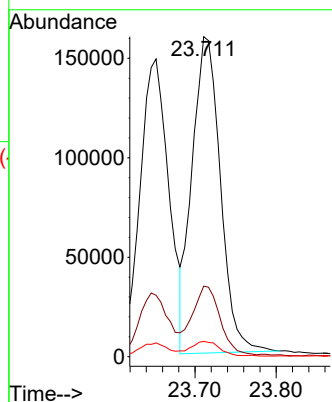
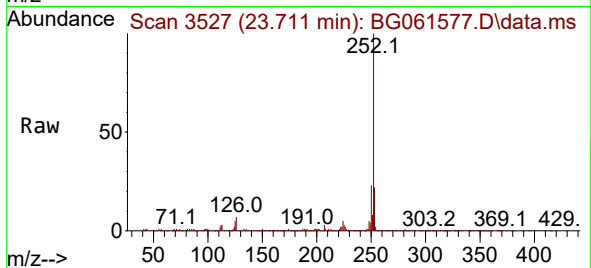
Tgt Ion:252 Resp: 385858

Ion Ratio Lower Upper

252 100

253 22.1 16.0 24.0

125 4.8 4.3 6.5



#93

Benzo(a)pyrene

Concen: 28.355 ng/ul

RT: 24.492 min Scan# 3660

Delta R.T. 0.024 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

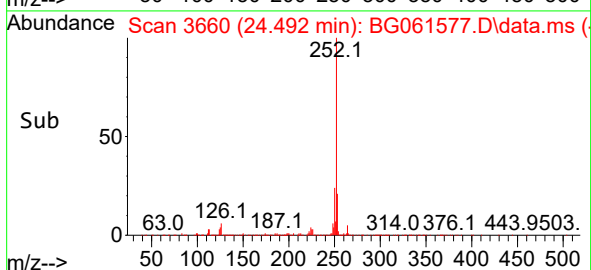
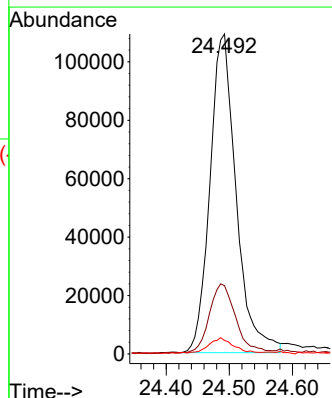
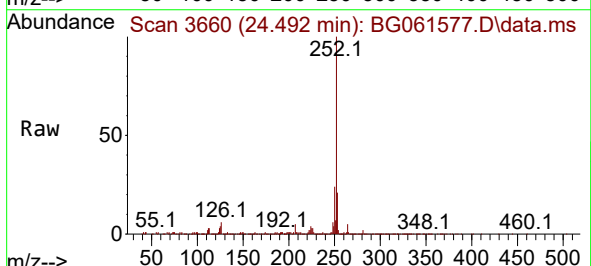
Tgt Ion:252 Resp: 314102

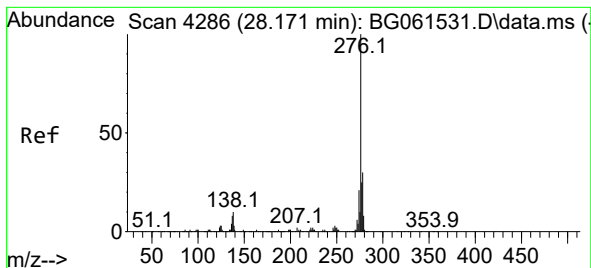
Ion Ratio Lower Upper

252 100

253 21.3 16.4 24.6

125 4.2 4.3 6.5#





#94

Indeno(1,2,3-cd)pyrene

Concen: 24.266 ng/ul

RT: 28.164 min Scan# 4286

Delta R.T. 0.030 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

Instrument :

BNA_G

ClientSampleId :

SLCS227

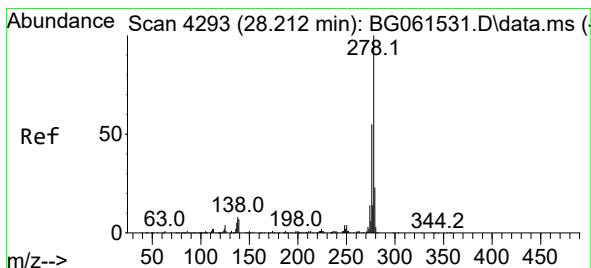
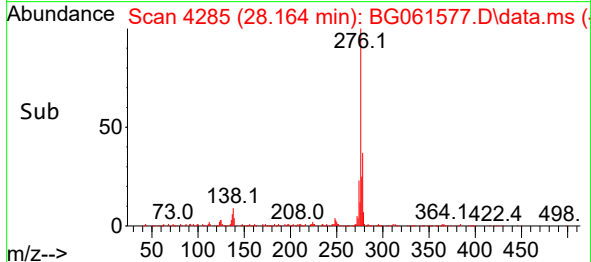
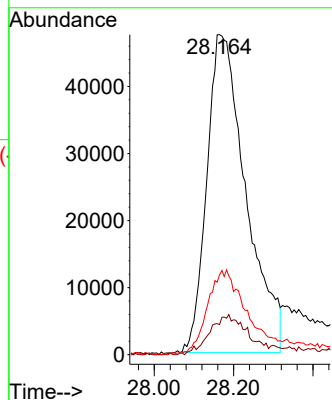
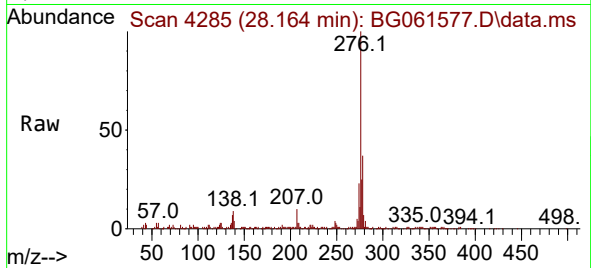
Tgt Ion:276 Resp: 325058

Ion Ratio Lower Upper

276 100

138 9.4 8.6 13.0

277 25.0 19.7 29.5



#95

Dibenzo(a,h)anthracene

Concen: 23.742 ng/ul

RT: 28.211 min Scan# 4293

Delta R.T. 0.041 min

Lab File: BG061577.D

Acq: 8 Jun 2024 23:04

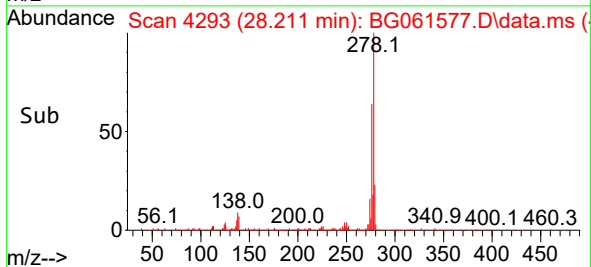
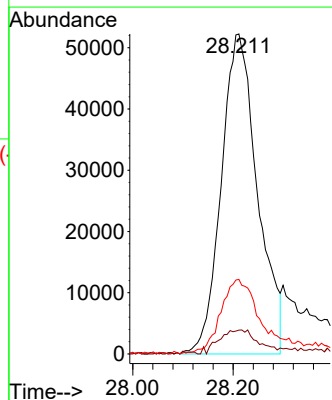
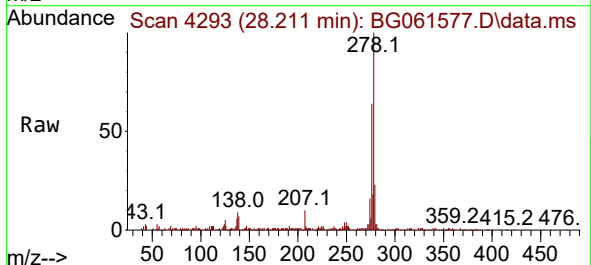
Tgt Ion:278 Resp: 262241

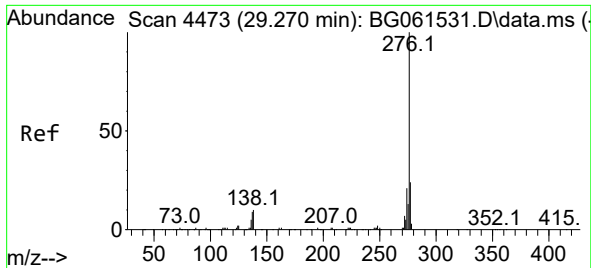
Ion Ratio Lower Upper

278 100

139 7.4 6.4 9.6

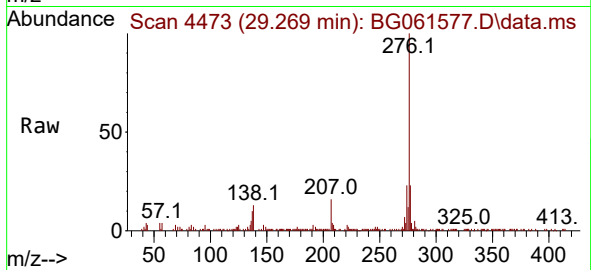
279 23.3 19.9 29.9





#96
 Benzo(g,h,i)perylene
 Concen: 17.295 ng/ul
 RT: 29.269 min Scan# 44
 Delta R.T. 0.047 min
 Lab File: BG061577.D
 Acq: 8 Jun 2024 23:04

Instrument :
 BNA_G
 ClientSampleId :
 SLCS227



Tgt Ion:276 Resp: 184315

Ion	Ratio	Lower	Upper
276	100		
138	13.0	8.7	13.1
277	22.7	18.2	27.2

