

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061558.D
 Acq On : 8 Jun 2024 8:40
 Operator : MA/JU
 Sample : PB161251BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS251

Quant Time: Jun 09 22:59:19 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	7.870	152	25454	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	94029	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.509	164	71913	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	170508	20.000	ng/u1	0.00
79) Chrysene-d12	21.525	240	183227	20.000	ng/u1	# 0.00
88) Perylene-d12	24.627	264	208603	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	2700	5.936	ng/uL	-0.03
4) Pyridine-d5	3.740	84	41765	25.811	ng/u1	-0.03
7) Phenol-d5	7.059	99	62469	29.885	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.200	67	36742	27.965	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.412	132	52356	33.844	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	51986	29.167	ng/u1	0.00
21) Nitrobenzene-d5	9.033	128	26541	36.661	ng/u1	0.00
24) 2-Nitrophenol-d4	9.750	143	29863	35.246	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	63169	38.243	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	68068	31.498	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	183374	32.878	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	201831	34.808	ng/u1	0.00
54) 4-Nitrophenol-d4	14.762	143	18800	27.264	ng/u1	0.00
60) Fluorene-d10	15.508	176	163644	33.984	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	31376	30.425	ng/u1	0.00
73) Anthracene-d10	17.365	188	265887	35.371	ng/u1	0.00
81) Pyrene-d10	19.656	212	316527	33.645	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.415	264	356459	35.544	ng/u1	0.02
Target Compounds						
						Qvalue
5) Pyridine	3.757	79	43942	27.456	ng/u1	84
6) Benzaldehyde	7.012	77	37412	34.229	ng/u1	92
8) Phenol	7.095	94	64585	30.325	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.294	93	45583	29.260	ng/u1	89
12) 2-Chlorophenol	7.447	128	53463	32.701	ng/u1	96
13) 2-Methylphenol	8.328	108	48893	29.622	ng/u1	90
14) 2,2'-oxybis(1-Chloropr...	8.393	45	97154	23.092	ng/u1#	90
16) Acetophenone	8.693	105	84654	27.829	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.681	70	42026	25.127	ng/u1#	80
18) 4-Methylphenol	8.663	108	55083	30.120	ng/u1	100
19) Hexachloroethane	8.945	117	23115	31.777	ng/u1	88
22) Nitrobenzene	9.075	77	66632	33.557	ng/u1	98
23) Isophorone	9.598	82	117141	29.001	ng/u1	98
25) 2-Nitrophenol	9.786	139	33253	36.159	ng/u1	98
26) 2,4-Dimethylphenol	9.856	107	57323	31.457	ng/u1	91
27) Bis(2-Chloroethoxy)met...	10.073	93	63449	31.337	ng/u1#	98
29) 2,4-Dichlorophenol	10.332	162	59896	39.370	ng/u1	99
30) Naphthalene	10.714	128	173139	34.886	ng/u1	99
32) 4-Chloroaniline	10.831	127	59703	27.801	ng/u1	95
33) Hexachlorobutadiene	10.996	225	60335	40.573	ng/u1	97
34) Caprolactam	11.601	113	14340	24.637	ng/u1	92
35) 4-Chloro-3-methylphenol	11.983	107	63210	32.140	ng/u1	93
36) 2-Methylnaphthalene	12.330	142	120014	33.345	ng/u1	93
37) 1-Methylnaphthalene	12.547	142	122417	33.142	ng/u1	98

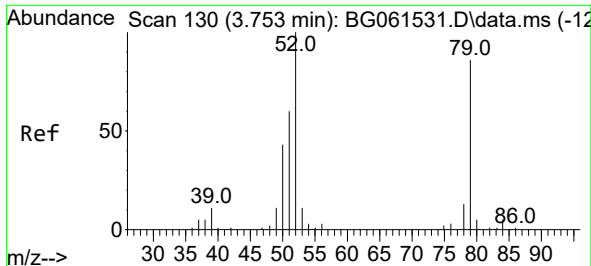
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.700	216	103139	43.441	ng/ul	96
40) Hexachlorocyclopentadiene	12.676	237	4692	4.378	ng/ul#	81
41) 2,4,6-Trichlorophenol	12.952	196	55169	41.253	ng/ul	92
42) 2,4,5-Trichlorophenol	13.041	196	57173	40.596	ng/ul#	95
43) 1,1'-Biphenyl	13.340	154	172557	37.108	ng/ul	97
44) 2-Chloronaphthalene	13.387	162	137291	37.517	ng/ul	98
45) 2-Nitroaniline	13.599	65	47792	31.643	ng/ul	96
47) Dimethylphthalate	13.963	163	185013	31.826	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	38287	33.585	ng/ul	99
50) Acenaphthylene	14.233	152	220033	34.220	ng/ul	98
51) 3-Nitroaniline	14.421	138	35035	35.413	ng/ul	90
52) Acenaphthene	14.574	153	147120	34.880	ng/ul	97
53) 2,4-Dinitrophenol	14.721	184	898	1.485	ng/ul	91
55) 4-Nitrophenol	14.774	109	21438	26.443	ng/ul	92
56) Dibenzofuran	14.915	168	210436	34.893	ng/ul	98
57) 2,4-Dinitrotoluene	14.891	165	56493	32.572	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.156	232	48015	37.381	ng/ul#	92
59) Diethylphthalate	15.332	149	177419	30.907	ng/ul	99
61) Fluorene	15.561	166	177360	33.990	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.555	204	106696	34.865	ng/ul	99
63) 4-Nitroaniline	15.591	138	36209	35.140	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.667	198	34255	31.695	ng/ul	93
67) N-Nitrosodiphenylamine	15.773	169	157049	36.646	ng/ul	98
68) 4-Bromophenyl-phenylether	16.448	248	74694	36.972	ng/ul	97
69) Hexachlorobenzene	16.578	284	84538	37.646	ng/ul	96
70) Atrazine	16.724	200	55115	32.497	ng/ul	97
71) Pentachlorophenol	16.936	266	21584	27.616	ng/ul	94
72) Phenanthrene	17.306	178	286367	34.603	ng/ul	99
74) Anthracene	17.400	178	290820	33.987	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.311	216	99713	44.241	ng/uL	96
76) Pentachlorobenzene	14.838	250	106365	42.684	ng/uL	95
77) Carbazole	17.670	167	242264	34.809	ng/ul	99
78) Di-n-butylphthalate	18.229	149	296905	34.046	ng/ul	99
80) Fluoranthene	19.327	202	381195	33.776	ng/ul	98
82) Pyrene	19.692	202	393806	33.616	ng/ul	97
83) Butylbenzylphthalate	20.573	149	131074	32.570	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.419	252	149204	38.363	ng/ul#	98
85) Benzo(a)anthracene	21.507	228	430633	34.062	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.407	149	187792	31.525	ng/ul#	99
87) Chrysene	21.566	228	407197	34.979	ng/ul	98
89) Di-n-octyl phthalate	22.571	149	324653	31.108	ng/ul	100
90) Benzo(b)fluoranthene	23.640	252	432073	34.788	ng/ul#	98
91) Benzo(k)fluoranthene	23.710	252	426620	33.836	ng/ul	98
93) Benzo(a)pyrene	24.486	252	368080	31.210	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.158	276	242577	17.008	ng/ul	100
95) Dibenzo(a,h)anthracene	28.193	278	384883	32.728	ng/ul	96
96) Benzo(g,h,i)perylene	29.245	276	324765	28.623	ng/ul	96

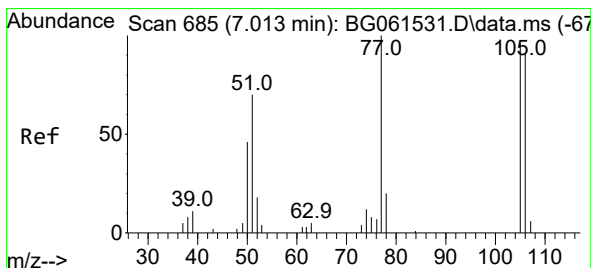
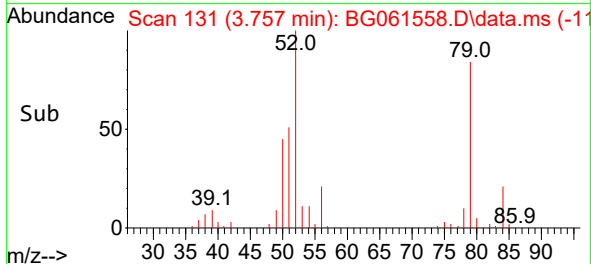
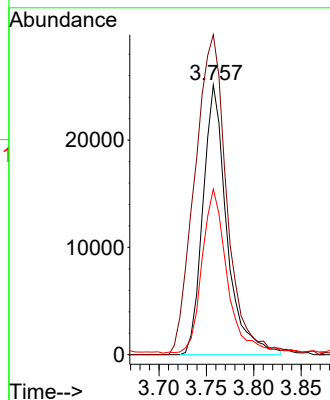
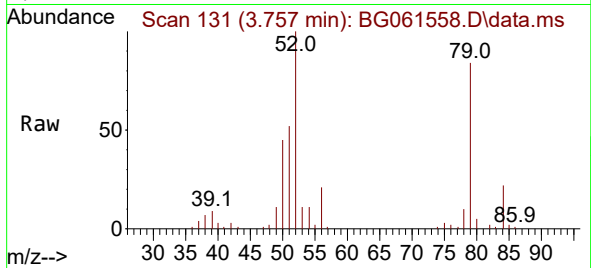
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#5
 Pyridine
 Concen: 27.456 ng/ul
 RT: 3.757 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: BG061558.D
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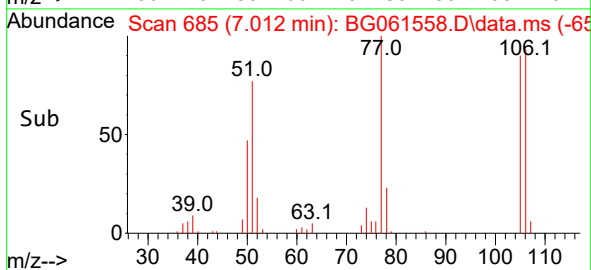
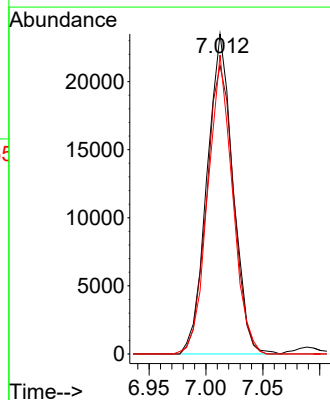
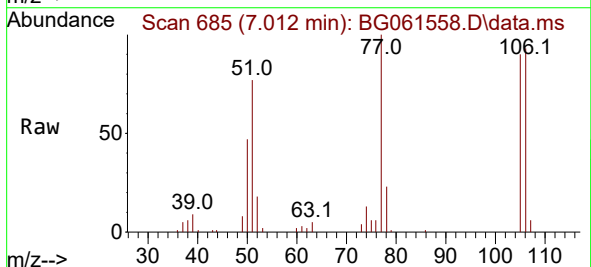
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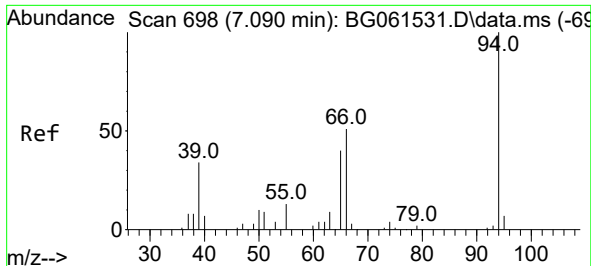
Tgt Ion: 79 Resp: 43942
 Ion Ratio Lower Upper
 79 100
 52 118.7 116.3 174.5
 51 61.4 52.1 78.1



#6
 Benzaldehyde
 Concen: 34.229 ng/ul
 RT: 7.012 min Scan# 685
 Delta R.T. -0.012 min
 Lab File: BG061558.D
 Acq: 8 Jun 2024 8:40

Tgt Ion: 77 Resp: 37412
 Ion Ratio Lower Upper
 77 100
 105 90.1 71.0 106.6
 106 93.4 63.4 95.2

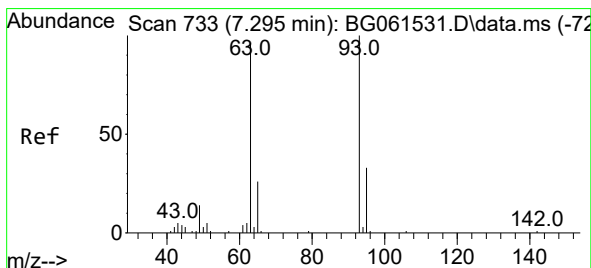
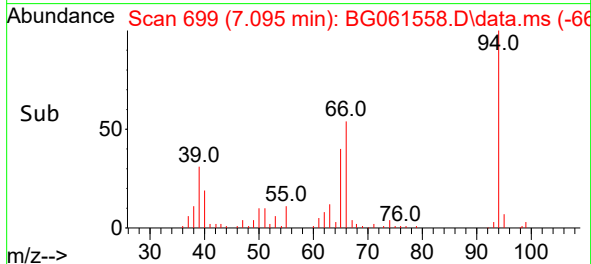
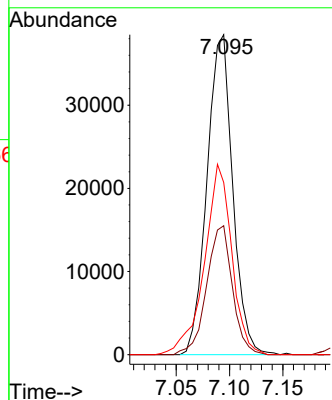
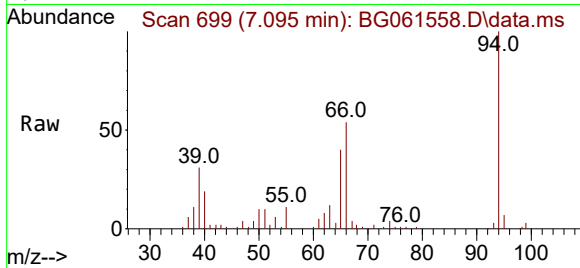




#8
Phenol
Concen: 30.325 ng/ul
RT: 7.095 min Scan# 698
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

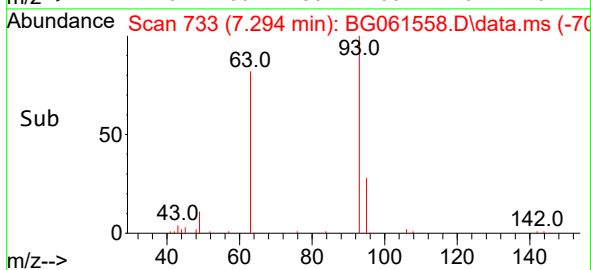
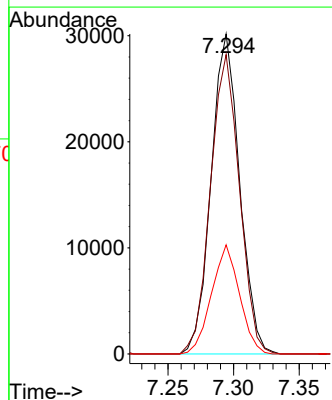
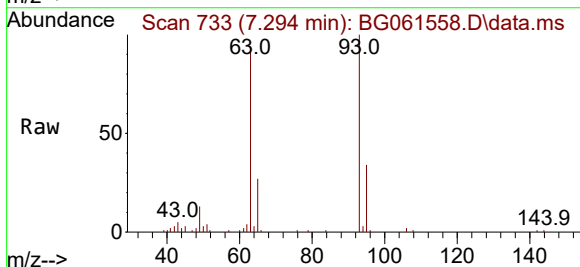
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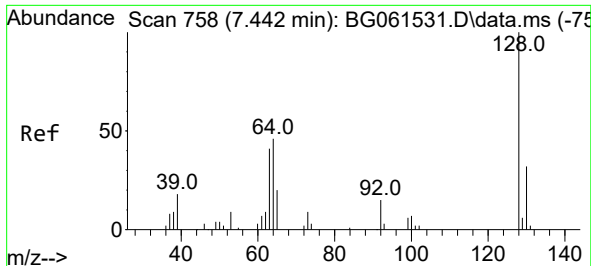
Tgt Ion: 94 Resp: 64585
Ion Ratio Lower Upper
94 100
65 40.3 35.0 52.4
66 53.8 50.3 75.5



#10
Bis(2-Chloroethyl)ether
Concen: 29.260 ng/ul
RT: 7.294 min Scan# 733
Delta R.T. -0.006 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion: 93 Resp: 45583
Ion Ratio Lower Upper
93 100
63 93.6 86.2 129.2
95 34.1 25.8 38.8





#12

2-Chlorophenol

Concen: 32.701 ng/ul

RT: 7.447 min Scan# 709

Delta R.T. -0.006 min

Lab File: BG061558.D

Acq: 8 Jun 2024 8:40

Instrument :

BNA_G

ClientSampleId :

SLCS251

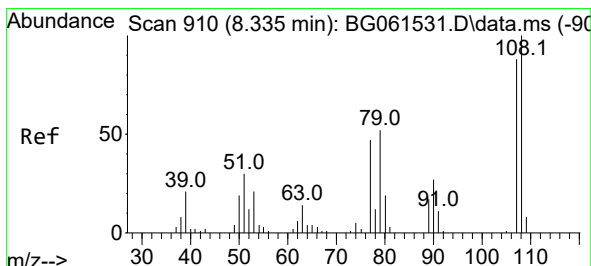
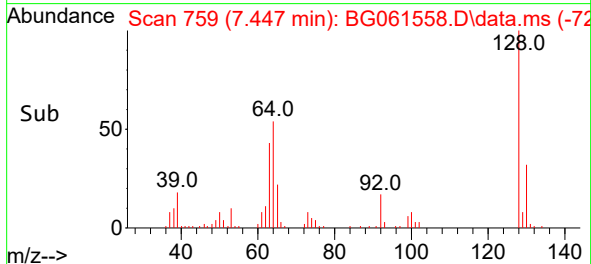
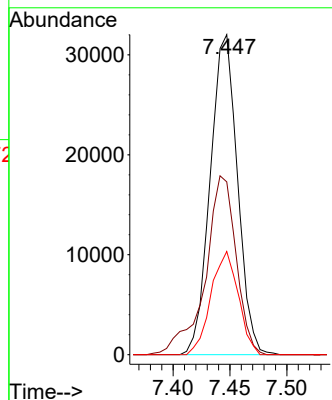
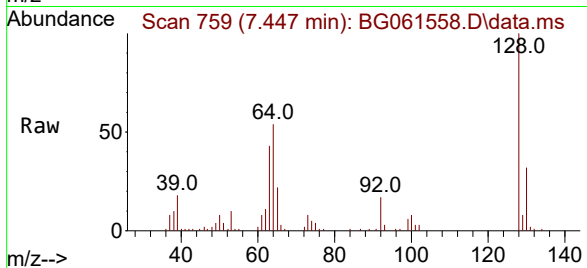
Tgt Ion:128 Resp: 53463

Ion Ratio Lower Upper

128 100

64 54.0 46.9 70.3

130 32.2 25.8 38.8



#13

2-Methylphenol

Concen: 29.622 ng/ul

RT: 8.328 min Scan# 909

Delta R.T. -0.006 min

Lab File: BG061558.D

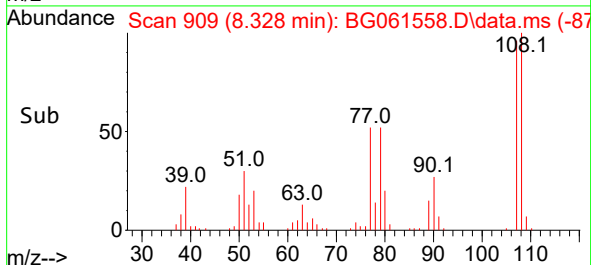
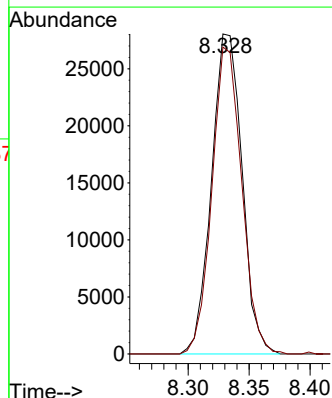
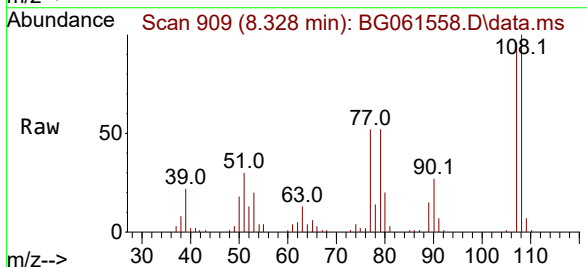
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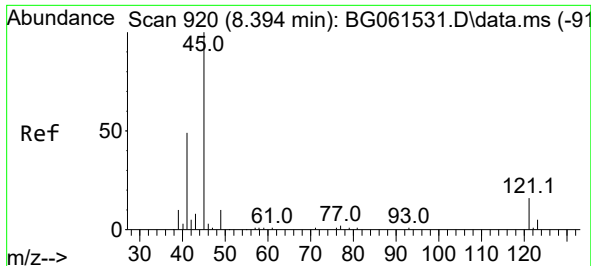
Tgt Ion:108 Resp: 48893

Ion Ratio Lower Upper

108 100

107 95.9 69.5 104.3

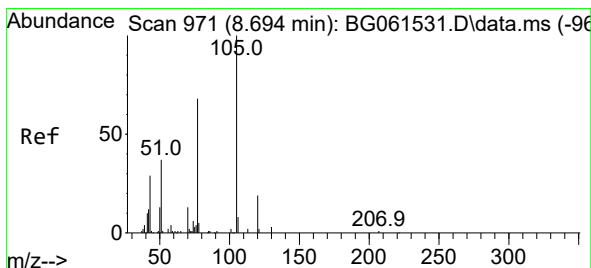
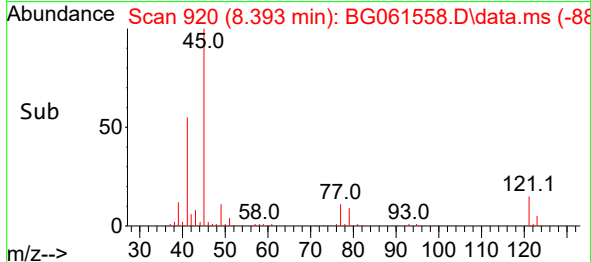
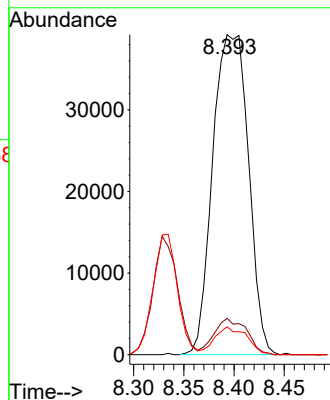
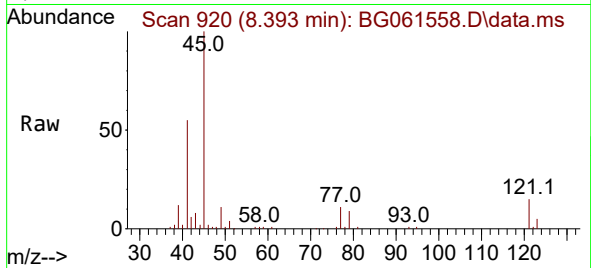




#14
2,2'-oxybis(1-chloropropane)
Concen: 23.092 ng/ul
RT: 8.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

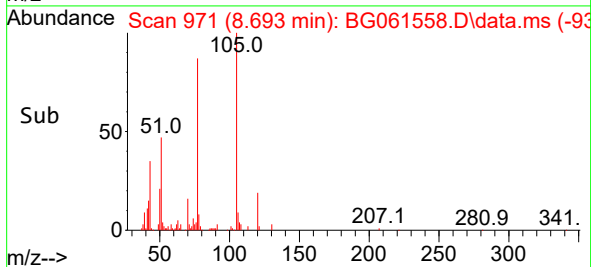
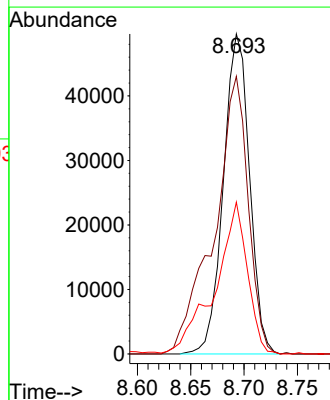
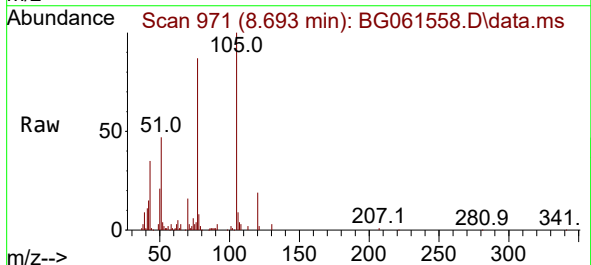
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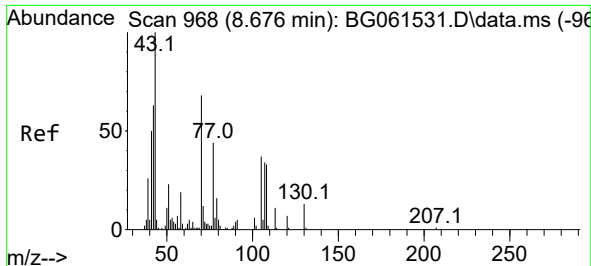
Tgt Ion: 45 Resp: 97154
Ion Ratio Lower Upper
45 100
77 11.4 6.2 9.2#
79 8.7 4.6 7.0#



#16
Acetophenone
Concen: 27.829 ng/ul
RT: 8.693 min Scan# 971
Delta R.T. -0.006 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion: 105 Resp: 84654
Ion Ratio Lower Upper
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77 86.7 70.4 105.6
51 47.5 38.4 57.6

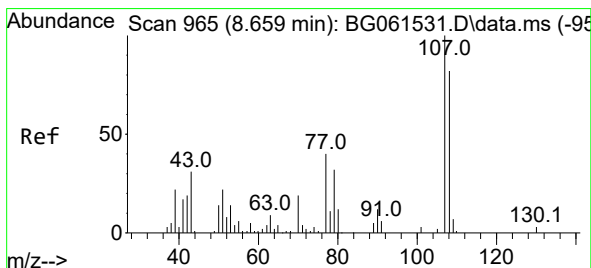
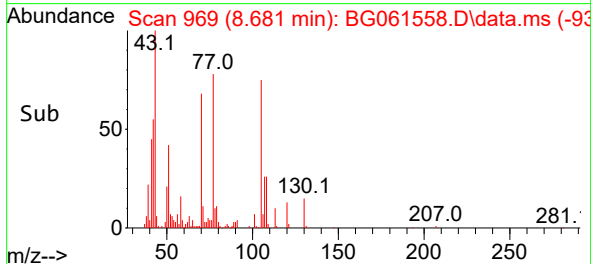
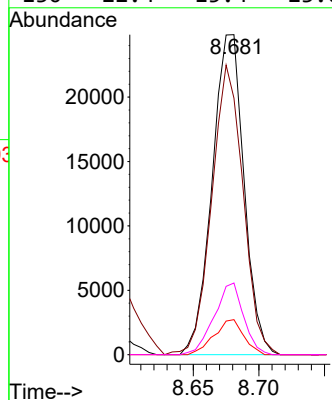
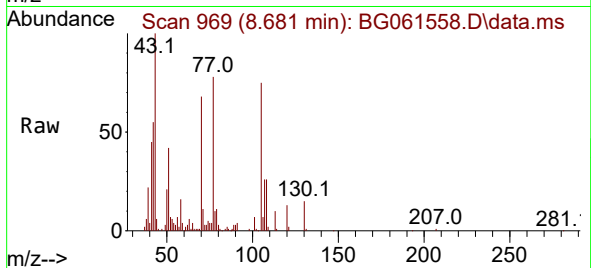




#17
N-Nitroso-di-n-propylamine
Concen: 25.127 ng/ul
RT: 8.681 min Scan# 969
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

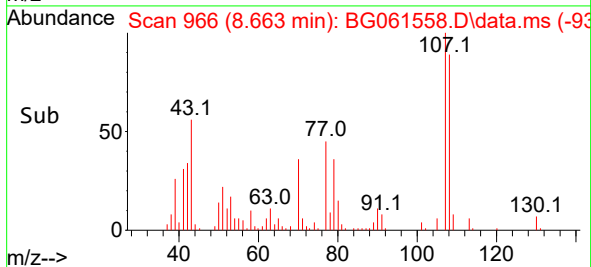
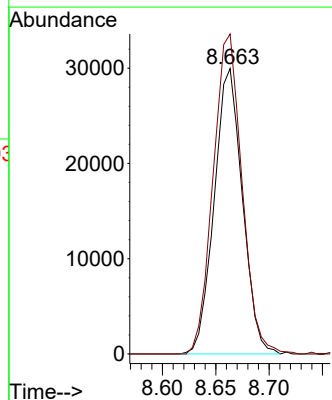
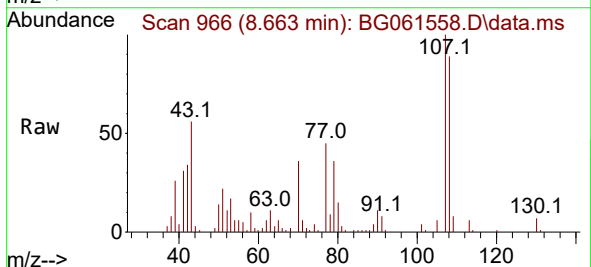
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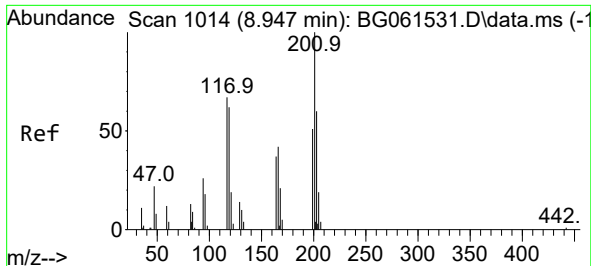
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Ion Ratio Lower Upper
70 100
42 80.1 83.2 124.8#
101 10.9 6.6 9.8#
130 22.4 15.4 23.0



#18
4-Methylphenol
Concen: 30.120 ng/ul
RT: 8.663 min Scan# 966
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion: 108 Resp: 55083
Ion Ratio Lower Upper
108 100
107 112.1 89.3 133.9

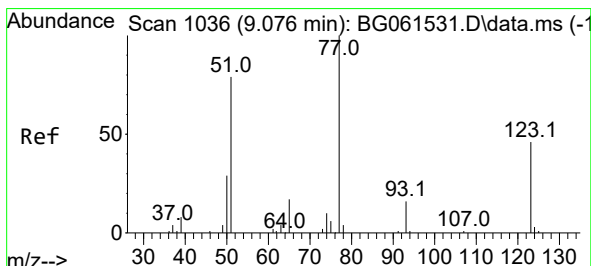
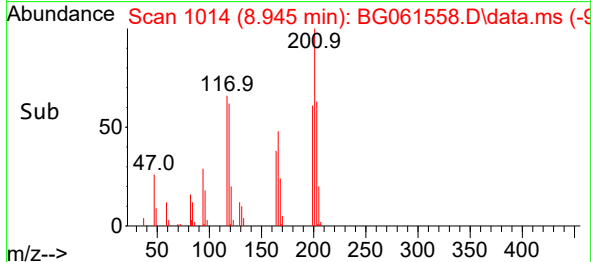
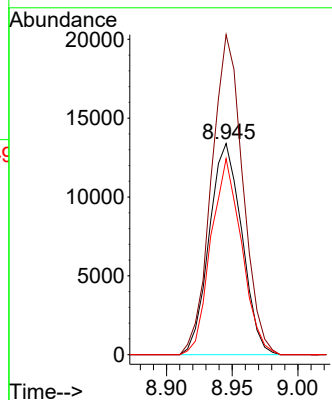
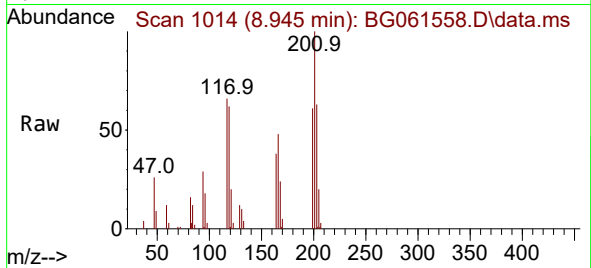




#19
Hexachloroethane
Concen: 31.777 ng/ul
RT: 8.945 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

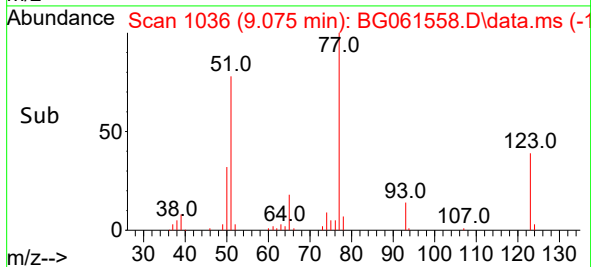
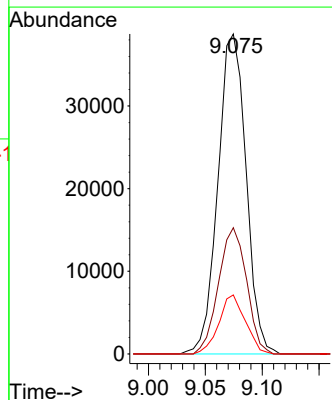
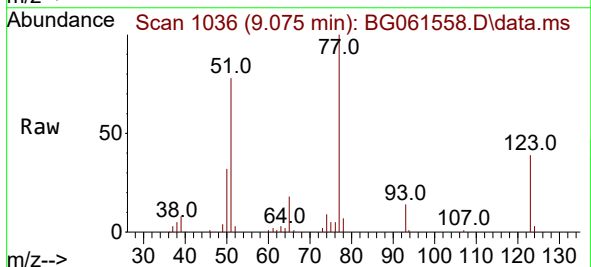
Instrument :
BNA_G
ClientSampleId :
SLCS251

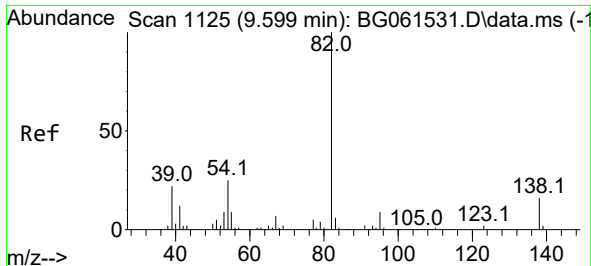
Tgt Ion:117 Resp: 23115
Ion Ratio Lower Upper
117 100
201 151.5 110.8 166.2
199 92.8 65.1 97.7



#22
Nitrobenzene
Concen: 33.557 ng/ul
RT: 9.075 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion: 77 Resp: 66632
Ion Ratio Lower Upper
77 100
123 39.4 32.7 49.1
65 18.4 14.2 21.2

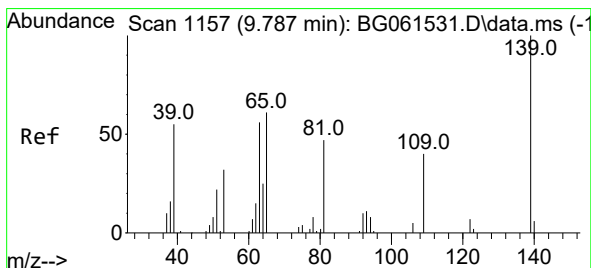
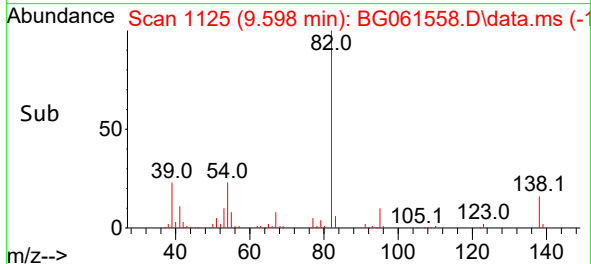
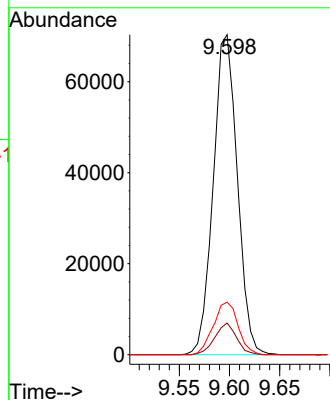
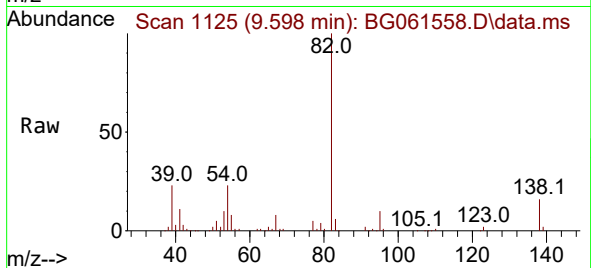




#23
Isophorone
Concen: 29.001 ng/ul
RT: 9.598 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

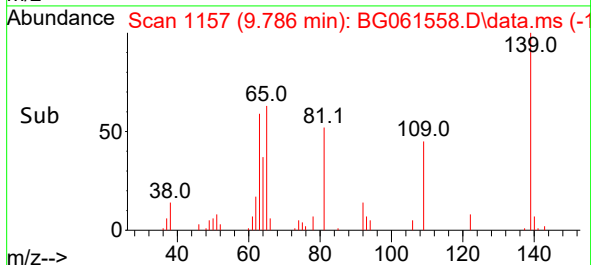
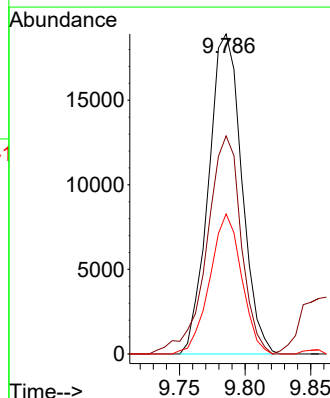
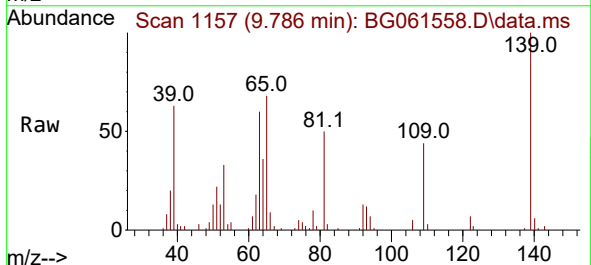
Instrument :
BNA_G
ClientSampleId :
SLCS251

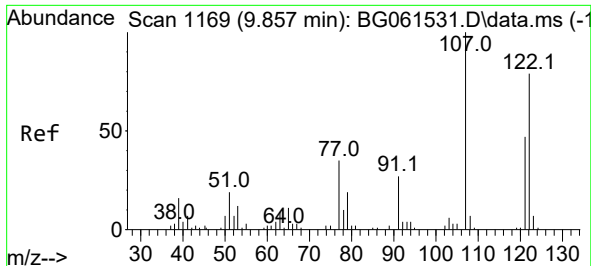
Tgt Ion: 82 Resp: 117141
Ion Ratio Lower Upper
82 100
95 9.9 6.9 10.3
138 16.4 13.5 20.3



#25
2-Nitrophenol
Concen: 36.159 ng/ul
RT: 9.786 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion:139 Resp: 33253
Ion Ratio Lower Upper
139 100
65 68.2 56.1 84.1
109 43.7 33.8 50.6

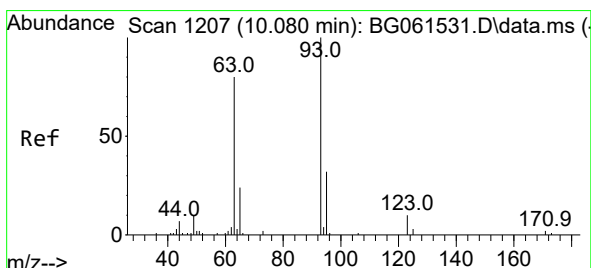
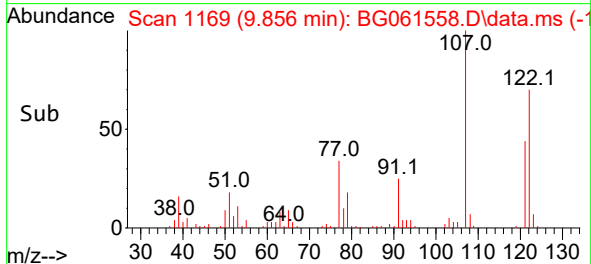
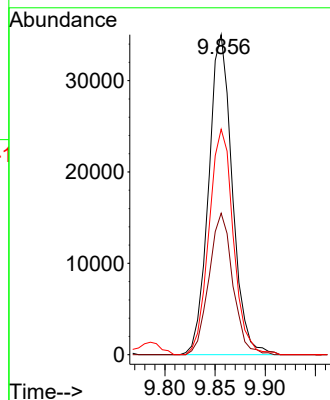
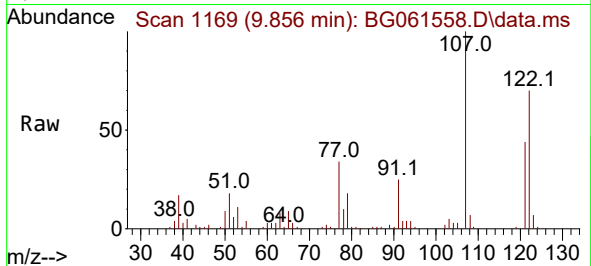




#26
2,4-Dimethylphenol
Concen: 31.457 ng/ul
RT: 9.856 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

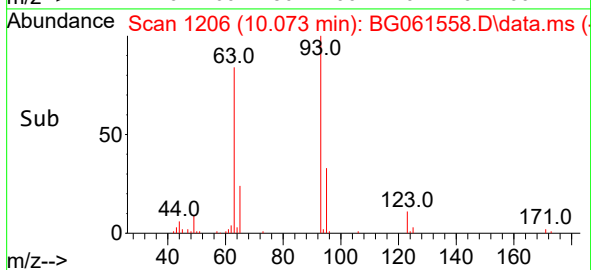
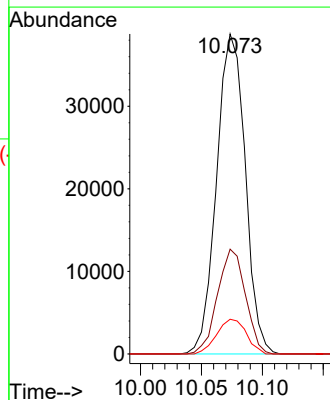
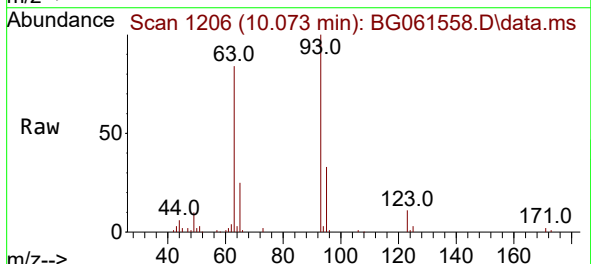
Instrument :
BNA_G
ClientSampleId :
SLCS251

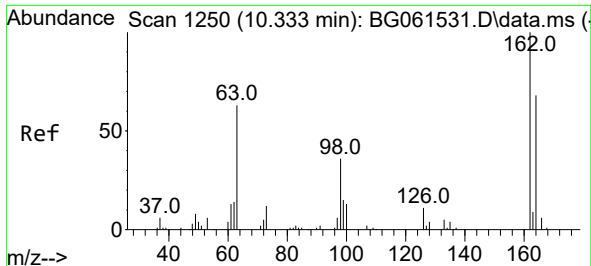
Tgt Ion:107 Resp: 57323
Ion Ratio Lower Upper
107 100
121 44.2 36.4 54.6
122 70.4 65.8 98.8



#27
Bis(2-Chloroethoxy)methane
Concen: 31.337 ng/ul
RT: 10.073 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion: 93 Resp: 63449
Ion Ratio Lower Upper
93 100
95 32.8 25.8 38.8
123 10.9 7.2 10.8#





#29

2,4-Dichlorophenol

Concen: 39.370 ng/ul

RT: 10.332 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG061558.D

Acq: 8 Jun 2024 8:40

Instrument :

BNA_G

ClientSampleId :

SLCS251

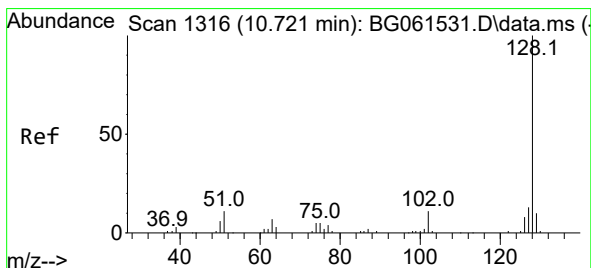
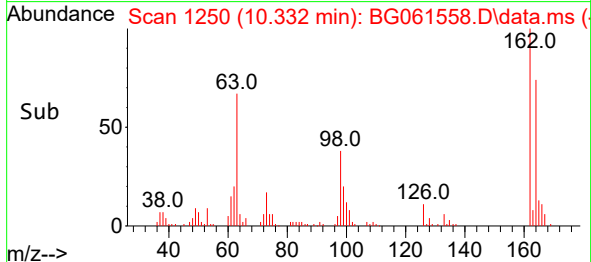
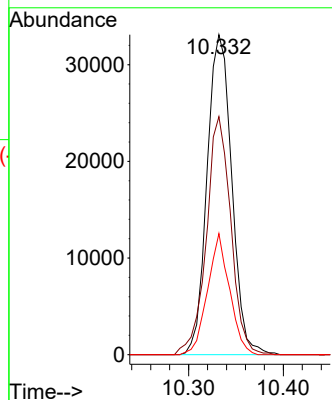
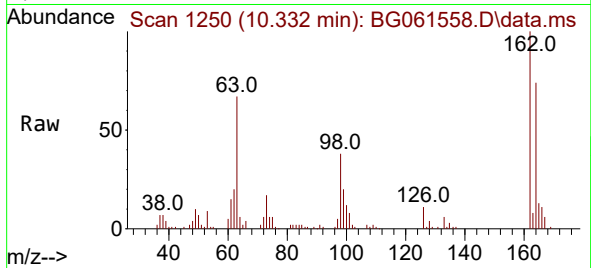
Tgt Ion:162 Resp: 59896

Ion Ratio Lower Upper

162 100

164 74.4 58.4 87.6

98 37.9 29.9 44.9



#30

Naphthalene

Concen: 34.886 ng/ul

RT: 10.714 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BG061558.D

Acq: 8 Jun 2024 8:40

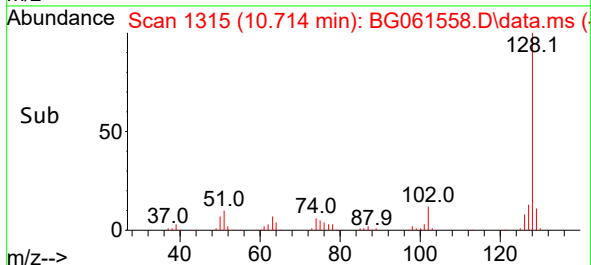
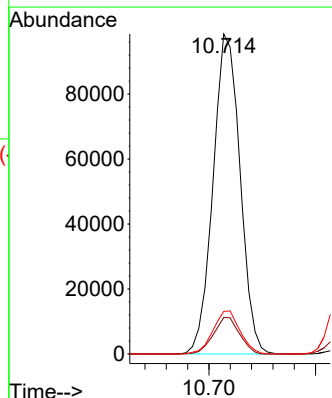
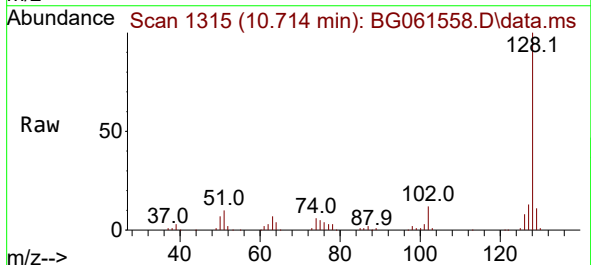
Tgt Ion:128 Resp: 173139

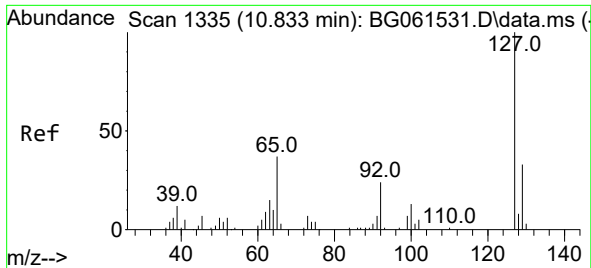
Ion Ratio Lower Upper

128 100

129 11.4 8.6 12.8

127 13.3 10.8 16.2

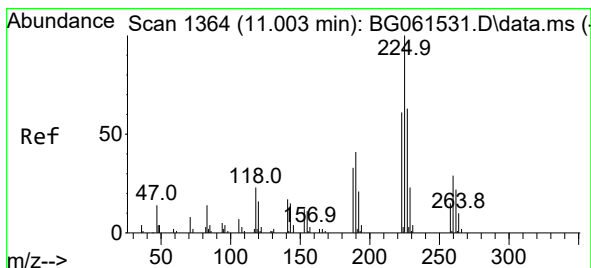
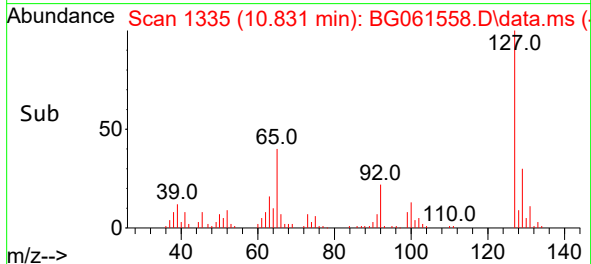
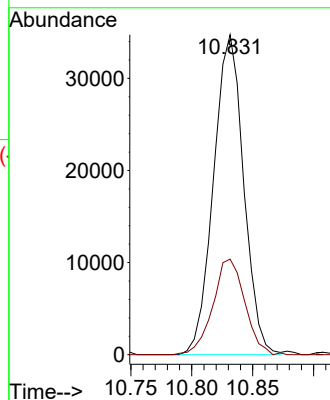
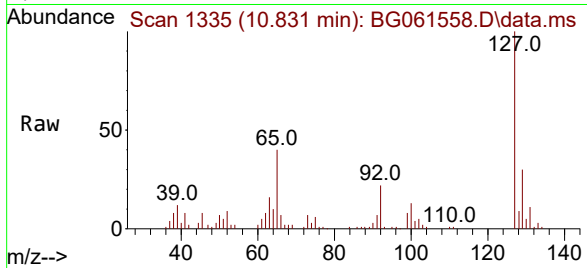




#32
4-Chloroaniline
Concen: 27.801 ng/ul
RT: 10.831 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

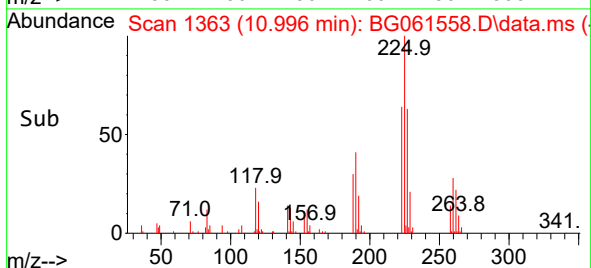
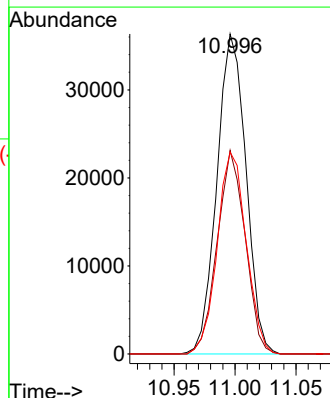
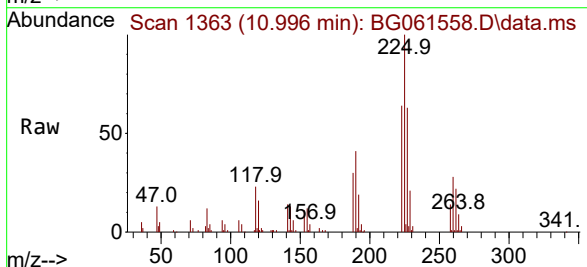
Instrument :
BNA_G
ClientSampleId :
SLCS251

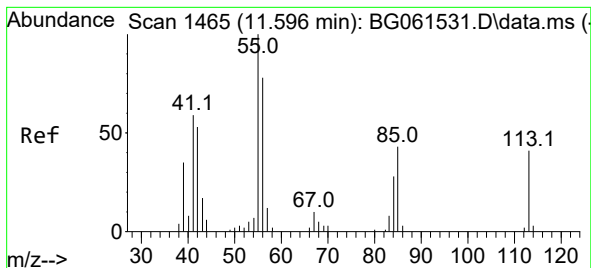
Tgt Ion:127 Resp: 59703
Ion Ratio Lower Upper
127 100
129 29.9 25.9 38.9



#33
Hexachlorobutadiene
Concen: 40.573 ng/ul
RT: 10.996 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion:225 Resp: 60335
Ion Ratio Lower Upper
225 100
223 63.6 53.8 80.8
227 63.1 50.2 75.2





#34

Caprolactam

Concen: 24.637 ng/ul

RT: 11.601 min Scan# 1466

Delta R.T. 0.006 min

Lab File: BG061558.D

Acq: 8 Jun 2024 8:40

Instrument :

BNA_G

ClientSampleId :

SLCS251

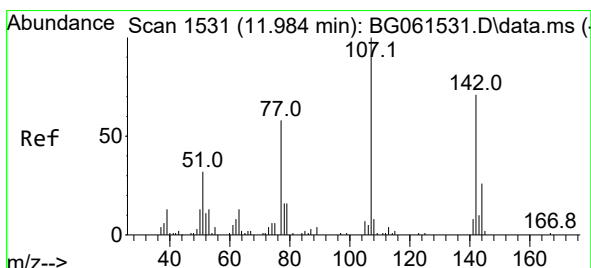
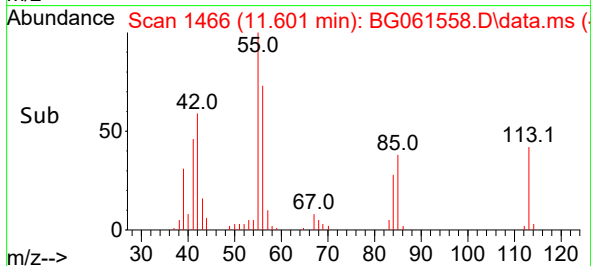
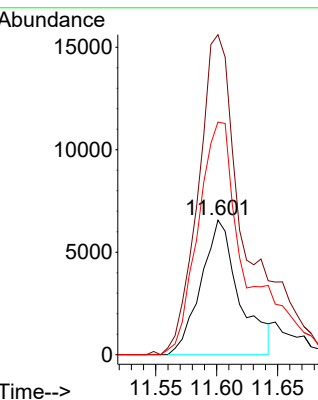
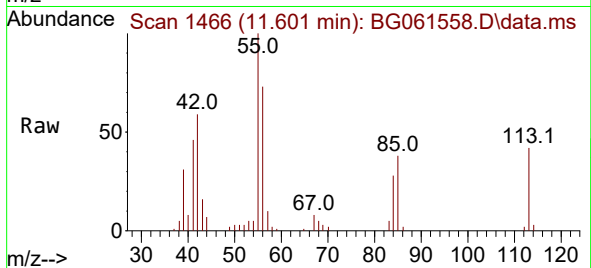
Tgt Ion:113 Resp: 14340

Ion Ratio Lower Upper

113 100

55 237.7 199.0 298.4

56 172.8 150.6 226.0



#35

4-Chloro-3-methylphenol

Concen: 32.140 ng/ul

RT: 11.983 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BG061558.D

Acq: 8 Jun 2024 8:40

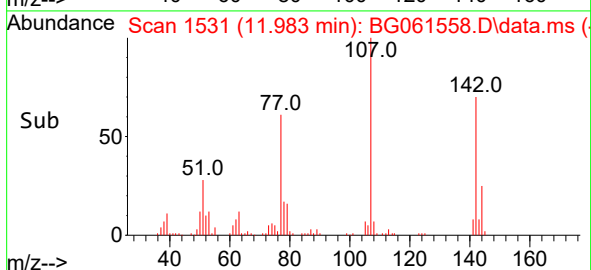
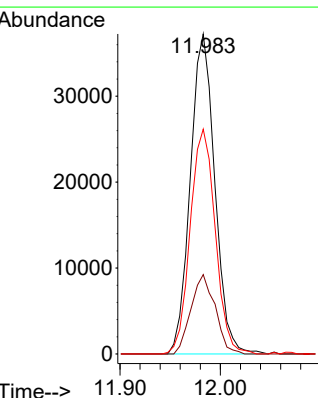
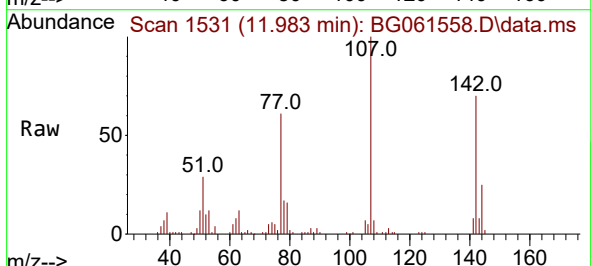
Tgt Ion:107 Resp: 63210

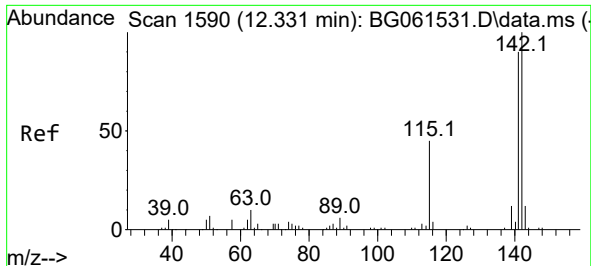
Ion Ratio Lower Upper

107 100

144 24.8 21.2 31.8

142 70.3 61.6 92.4

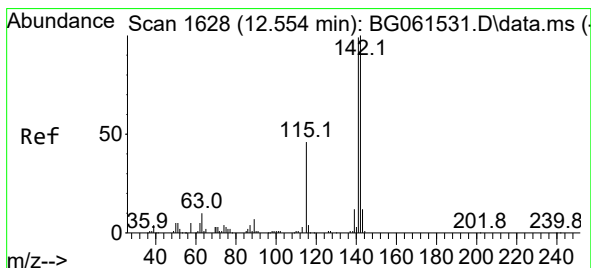
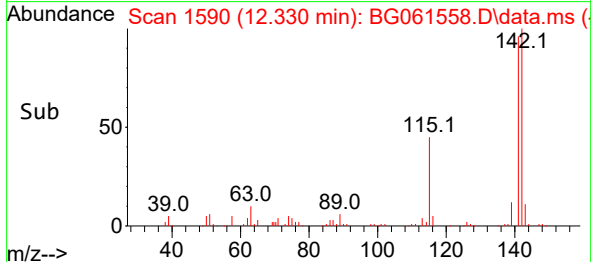
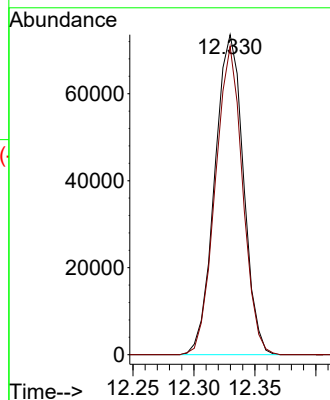
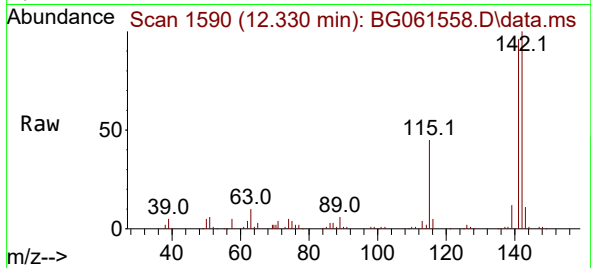




#36
2-Methylnaphthalene
Concen: 33.345 ng/ul
RT: 12.330 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

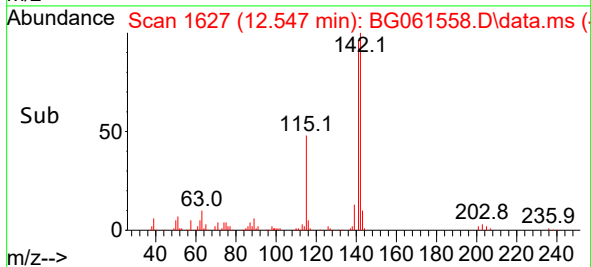
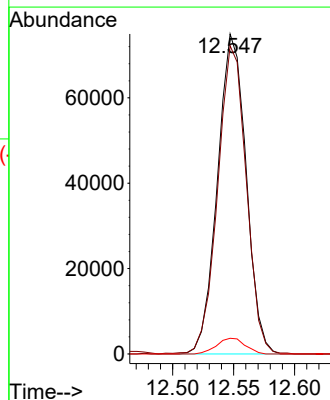
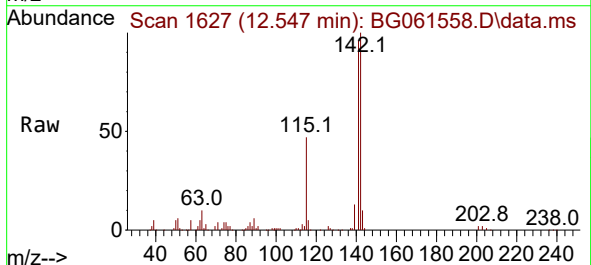
Instrument :
BNA_G
ClientSampleId :
SLCS251

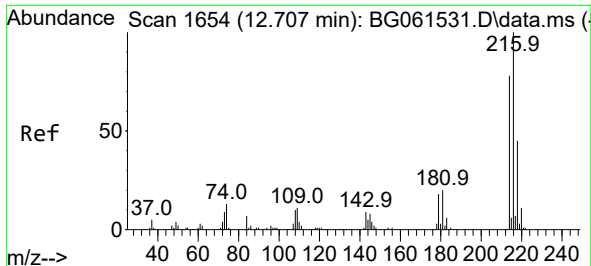
Tgt Ion:142 Resp: 120014
Ion Ratio Lower Upper
142 100
141 96.4 72.2 108.2



#37
1-Methylnaphthalene
Concen: 33.142 ng/ul
RT: 12.547 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion:142 Resp: 122417
Ion Ratio Lower Upper
142 100
141 96.3 75.5 113.3
116 4.9 4.0 6.0

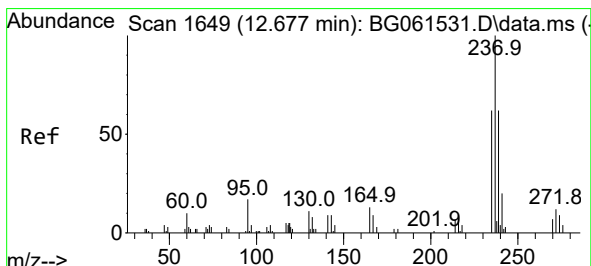
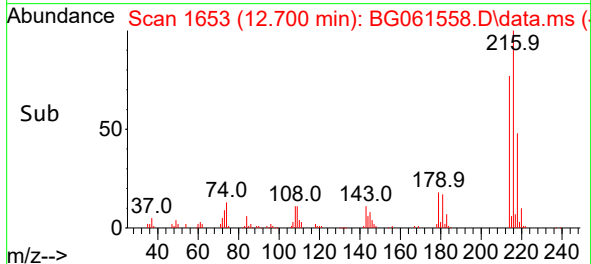
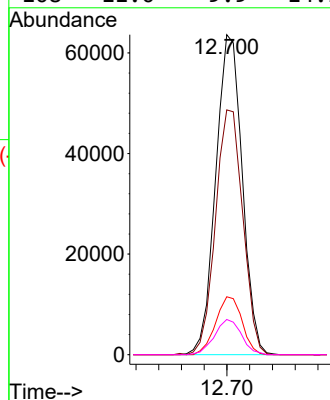
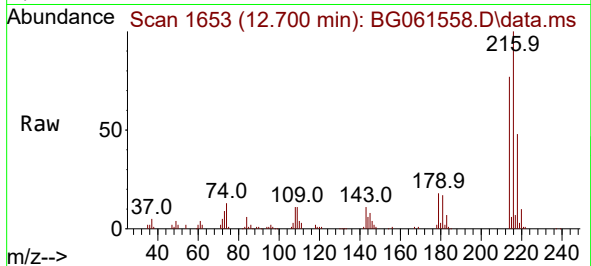




#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.441 ng/ul
RT: 12.700 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

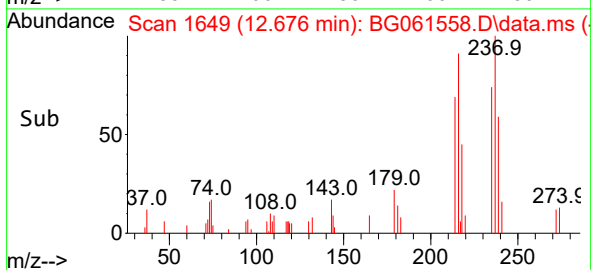
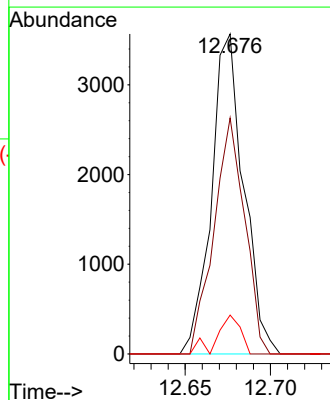
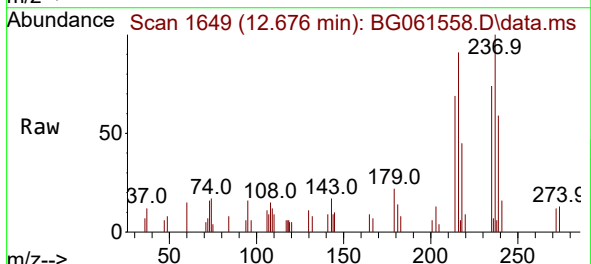
Instrument :
BNA_G
ClientSampleId :
SLCS251

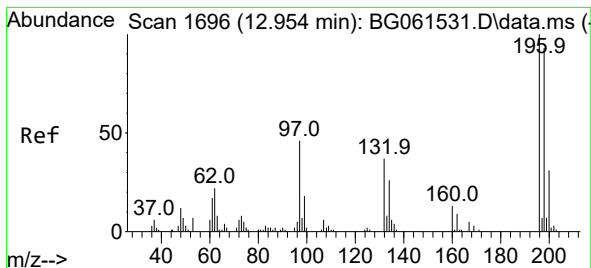
Tgt Ion:216 Resp: 103139
Ion Ratio Lower Upper
216 100
214 76.5 64.5 96.7
179 18.1 16.0 24.0
108 11.0 9.9 14.9



#40
Hexachlorocyclopentadiene
Concen: 4.378 ng/ul
RT: 12.676 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion:237 Resp: 4692
Ion Ratio Lower Upper
237 100
235 73.7 45.4 68.2#
272 12.1 11.4 17.0

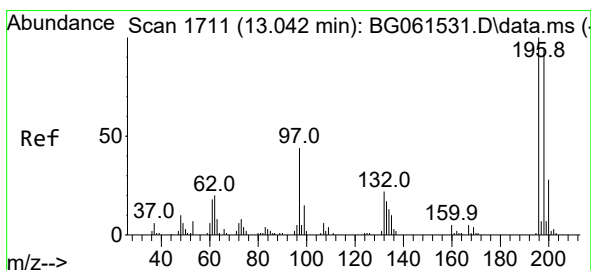
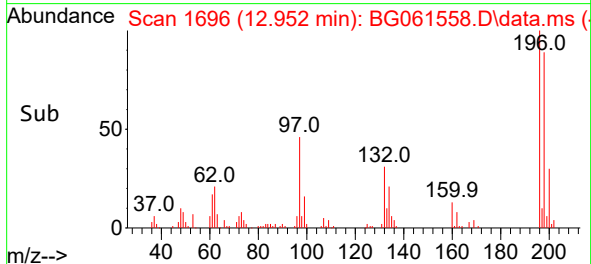
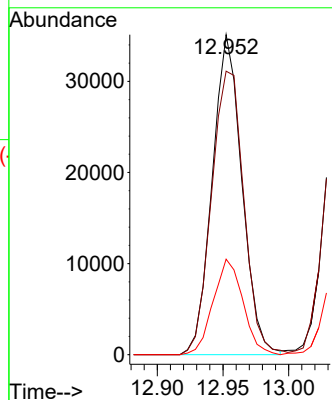
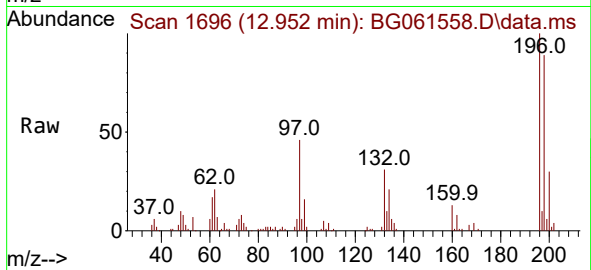




#41
2,4,6-Trichlorophenol
Concen: 41.253 ng/ul
RT: 12.952 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

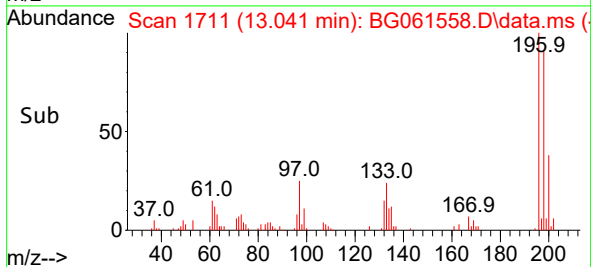
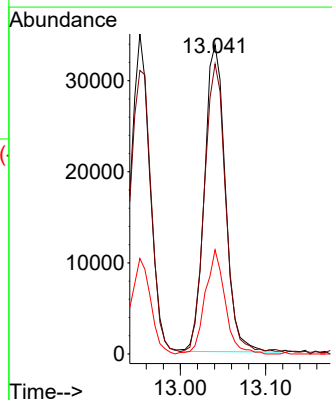
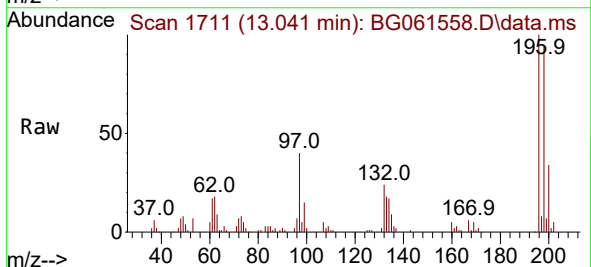
Instrument :
BNA_G
ClientSampleId :
SLCS251

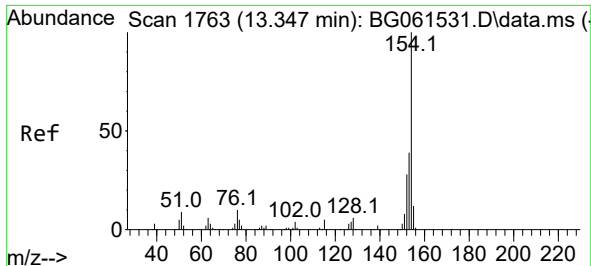
Tgt Ion:196 Resp: 55169
Ion Ratio Lower Upper
196 100
198 88.6 78.5 117.7
200 29.8 26.1 39.1



#42
2,4,5-Trichlorophenol
Concen: 40.596 ng/ul
RT: 13.041 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion:196 Resp: 57173
Ion Ratio Lower Upper
196 100
198 93.9 77.4 116.2
200 33.7 21.0 31.6#

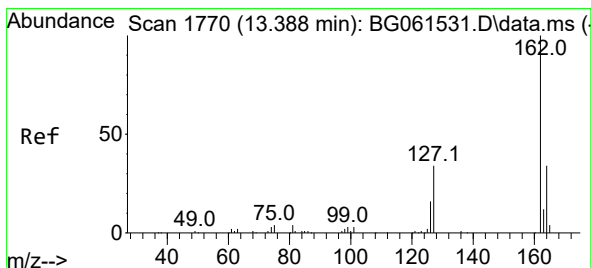
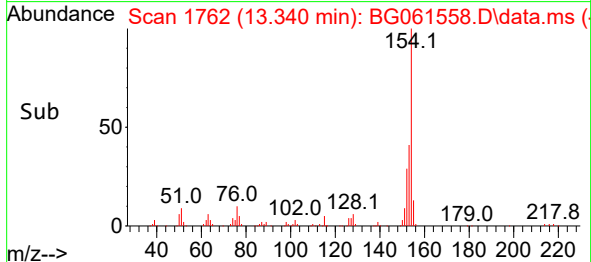
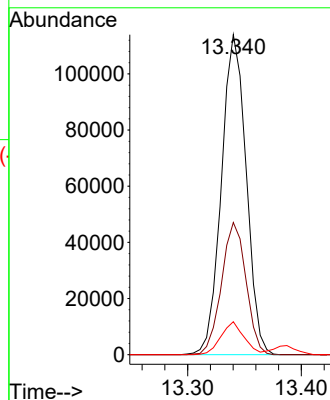
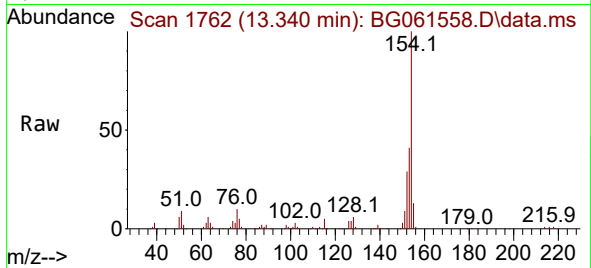




#43
1,1'-Biphenyl
Concen: 37.108 ng/ul
RT: 13.340 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

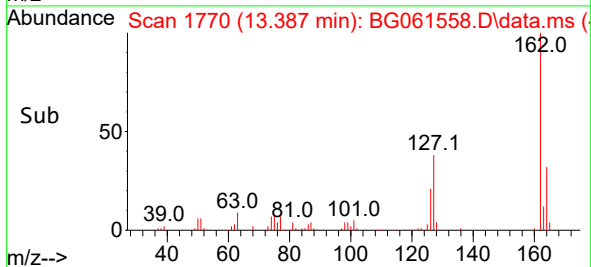
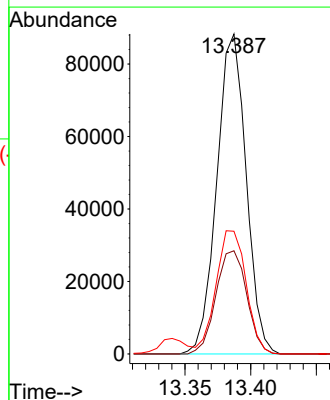
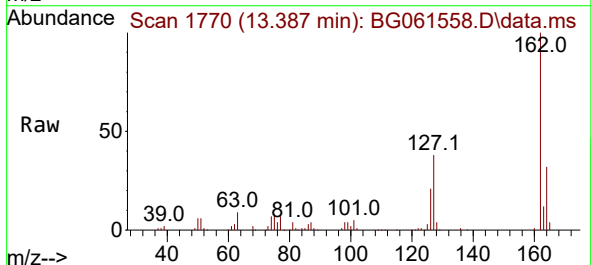
Instrument :
BNA_G
ClientSampleId :
SLCS251

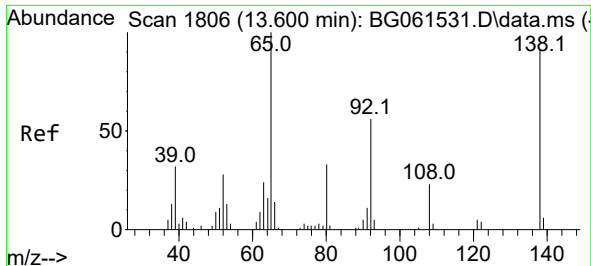
Tgt Ion:154 Resp: 172557
Ion Ratio Lower Upper
154 100
153 41.3 31.2 46.8
76 10.3 8.5 12.7



#44
2-Chloronaphthalene
Concen: 37.517 ng/ul
RT: 13.387 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion:162 Resp: 137291
Ion Ratio Lower Upper
162 100
164 32.2 26.8 40.2
127 38.4 31.9 47.9

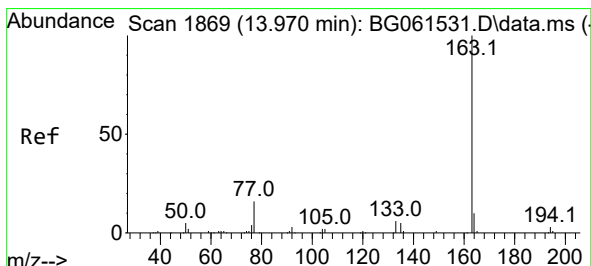
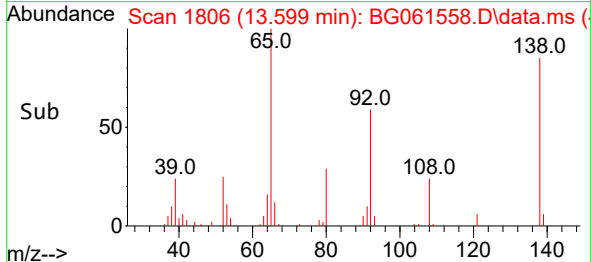
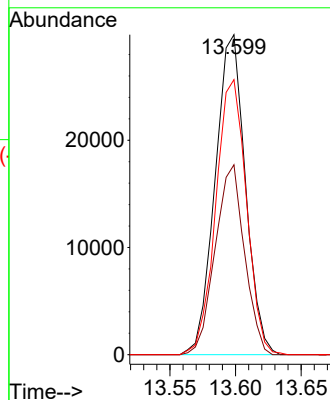
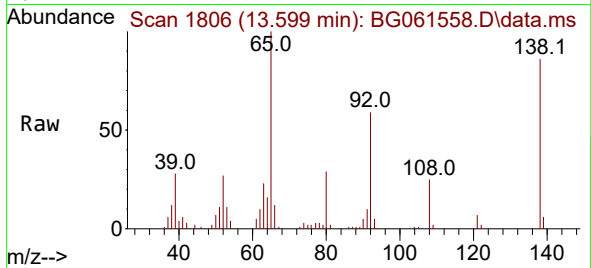




#45
2-Nitroaniline
Concen: 31.643 ng/ul
RT: 13.599 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

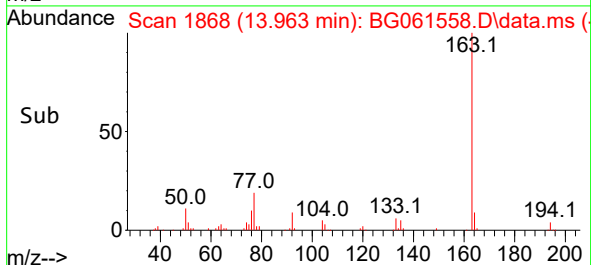
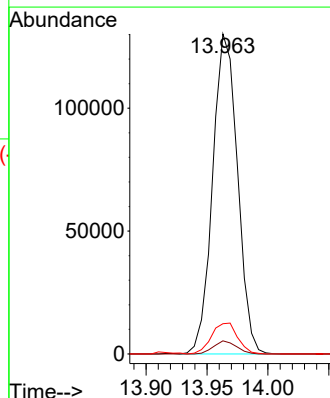
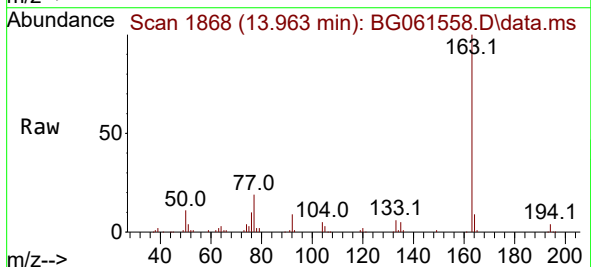
Instrument :
BNA_G
ClientSampleId :
SLCS251

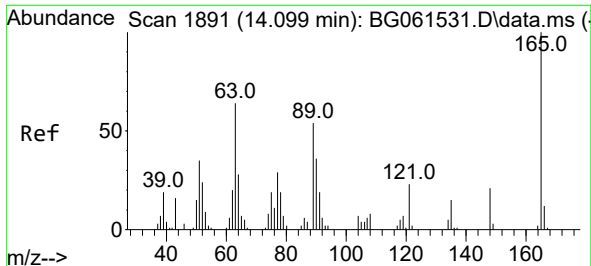
Tgt Ion: 65 Resp: 47792
Ion Ratio Lower Upper
65 100
92 59.4 46.2 69.4
138 86.0 65.0 97.6



#47
Dimethylphthalate
Concen: 31.826 ng/ul
RT: 13.963 min Scan# 1868
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion:163 Resp: 185013
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.4 8.1 12.1

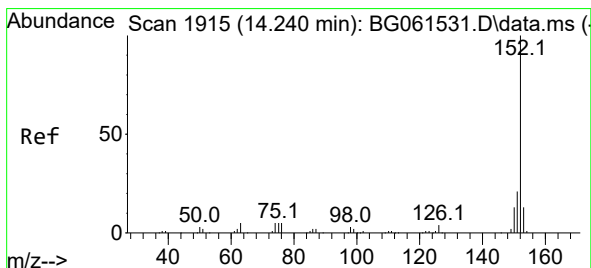
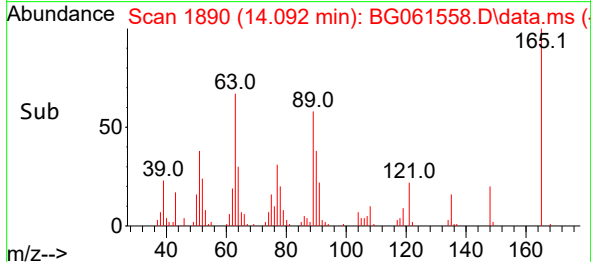
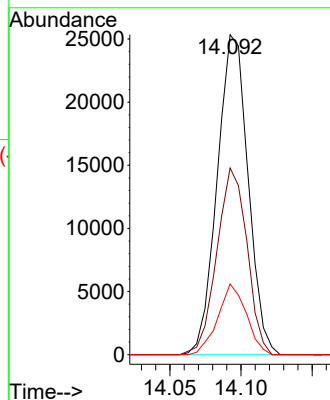
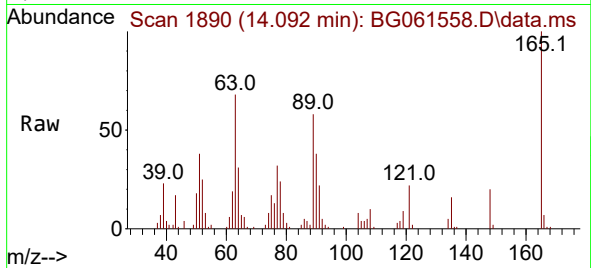




#48
2,6-Dinitrotoluene
Concen: 33.585 ng/ul
RT: 14.092 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

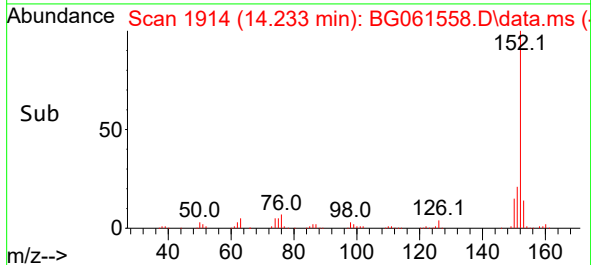
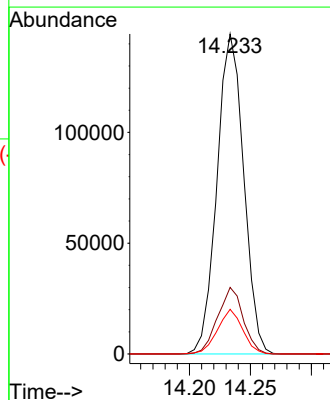
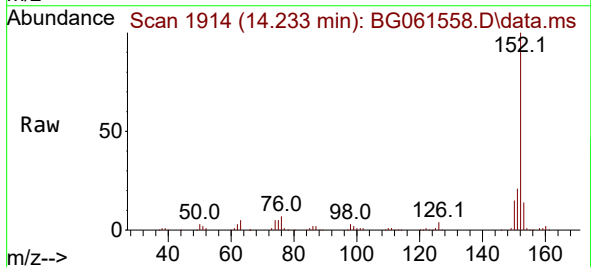
Instrument :
BNA_G
ClientSampleId :
SLCS251

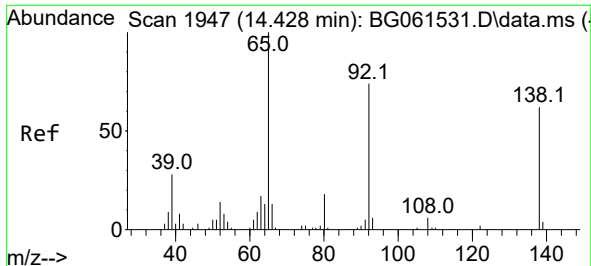
Tgt Ion:165 Resp: 38287
Ion Ratio Lower Upper
165 100
89 58.3 46.0 69.0
121 22.1 17.9 26.9



#50
Acenaphthylene
Concen: 34.220 ng/ul
RT: 14.233 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion:152 Resp: 220033
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2
153 14.0 10.2 15.4

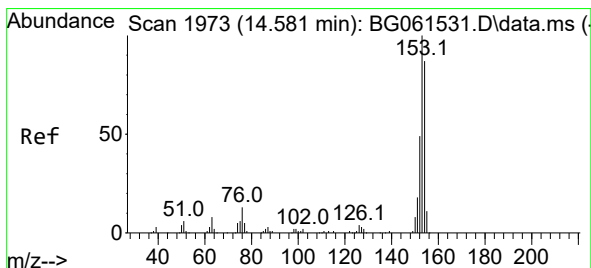
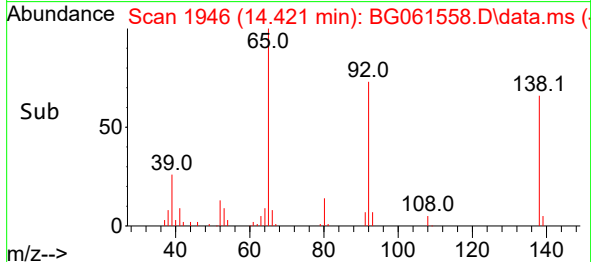
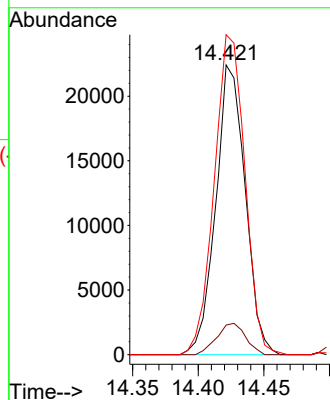
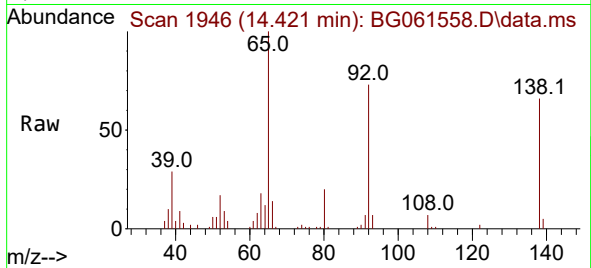




#51
3-Nitroaniline
Concen: 35.413 ng/ul
RT: 14.421 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

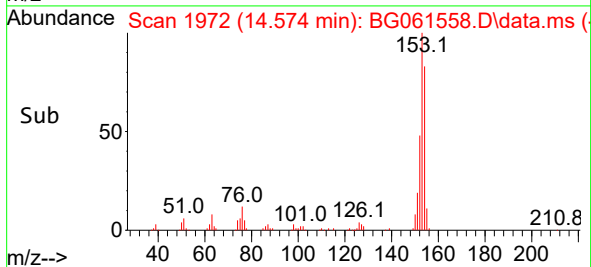
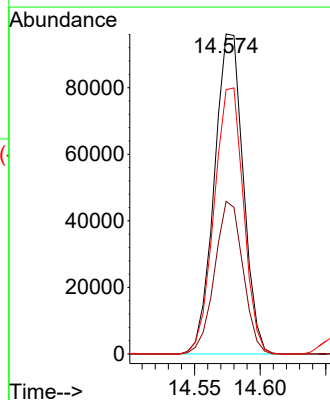
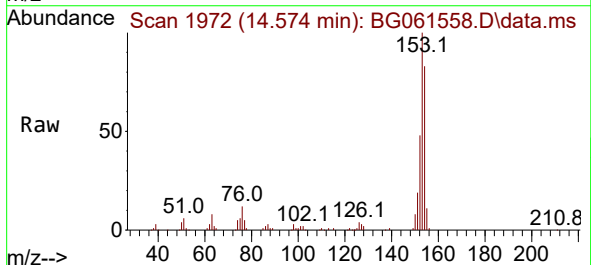
Instrument :
BNA_G
ClientSampleId :
SLCS251

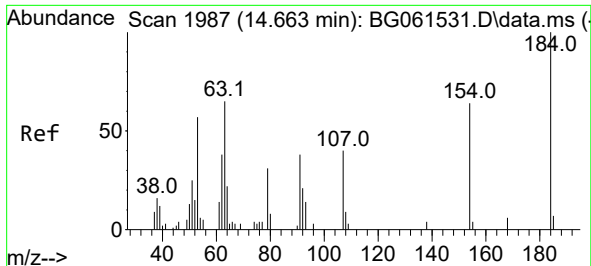
Tgt Ion:138 Resp: 35035
Ion Ratio Lower Upper
138 100
108 10.2 10.1 15.1
92 110.5 97.6 146.4



#52
Acenaphthene
Concen: 34.880 ng/ul
RT: 14.574 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion:153 Resp: 147120
Ion Ratio Lower Upper
153 100
152 47.7 37.8 56.8
154 82.6 69.0 103.6

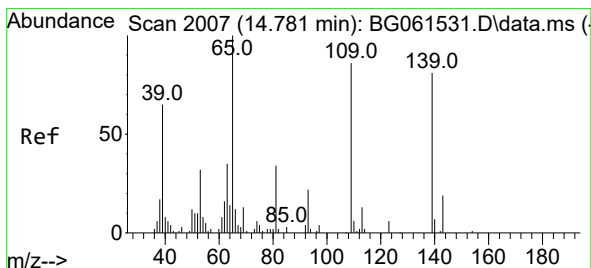
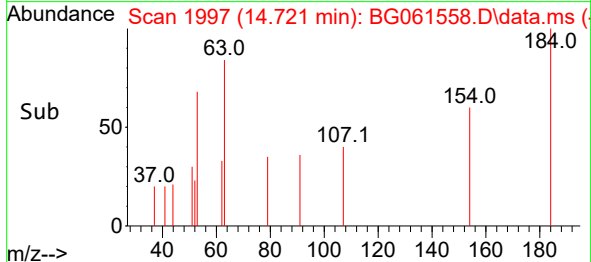
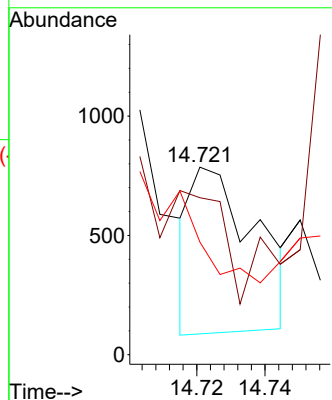
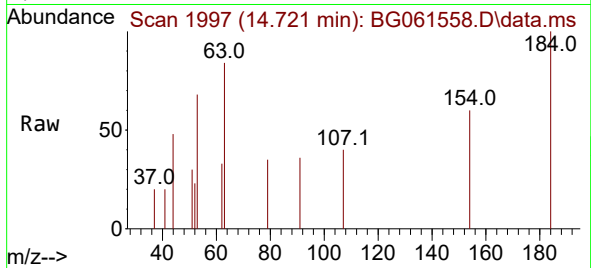




#53
2,4-Dinitrophenol
Concen: 1.485 ng/ul
RT: 14.721 min Scan# 1987
Delta R.T. 0.059 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

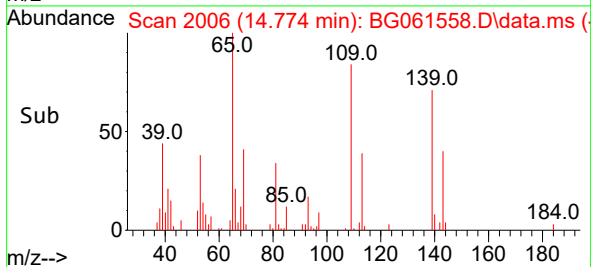
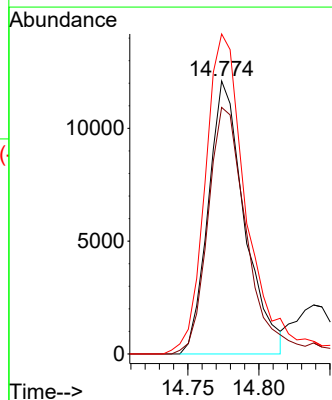
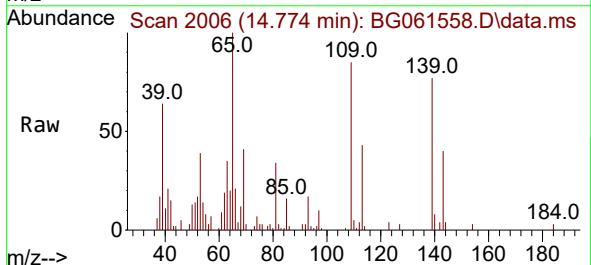
Instrument :
BNA_G
ClientSampleId :
SLCS251

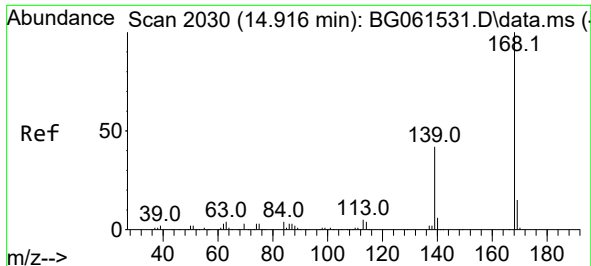
Tgt Ion:184 Resp: 898
Ion Ratio Lower Upper
184 100
63 83.7 61.3 91.9
154 60.1 55.0 82.4



#55
4-Nitrophenol
Concen: 26.443 ng/ul
RT: 14.774 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion:109 Resp: 21438
Ion Ratio Lower Upper
109 100
139 90.3 74.9 112.3
65 117.2 104.0 156.0

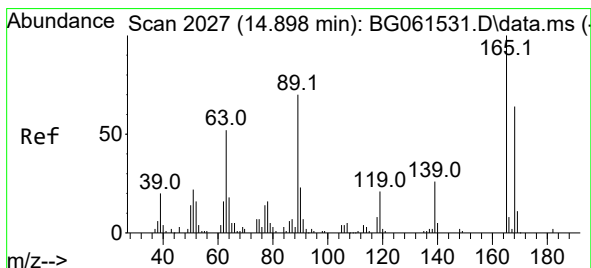
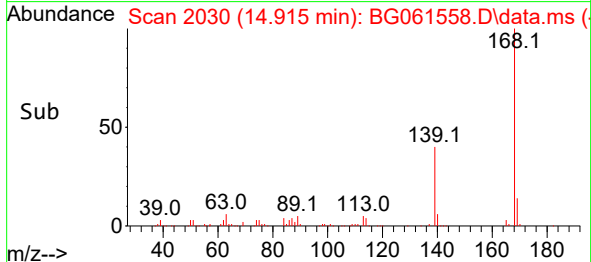
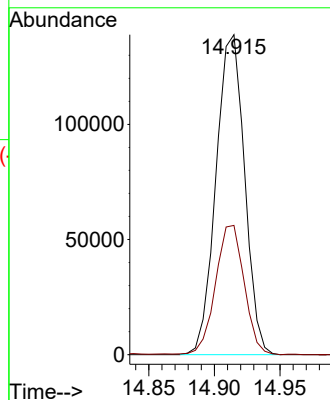
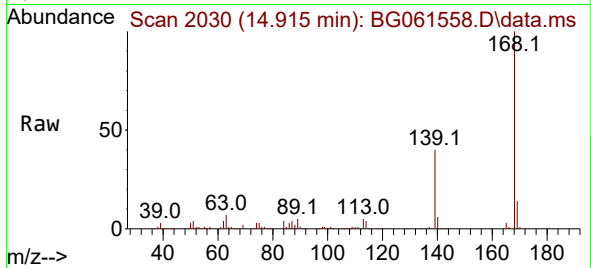




#56
Dibenzenofuran
Concen: 34.893 ng/ul
RT: 14.915 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

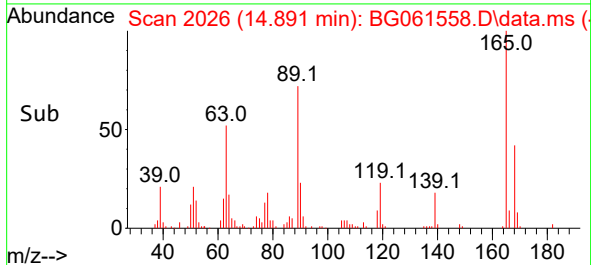
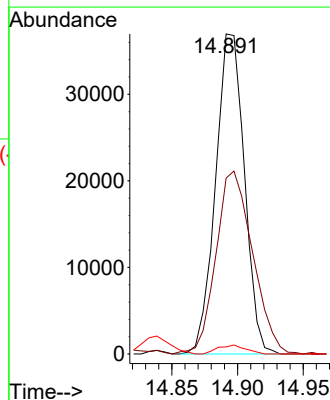
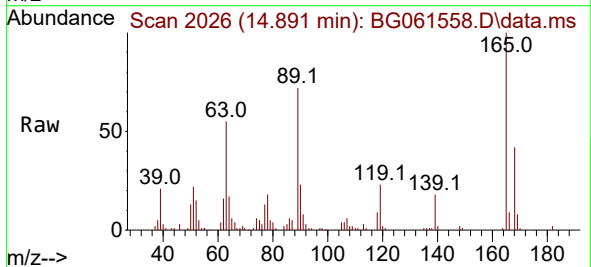
Instrument :
BNA_G
ClientSampleId :
SLCS251

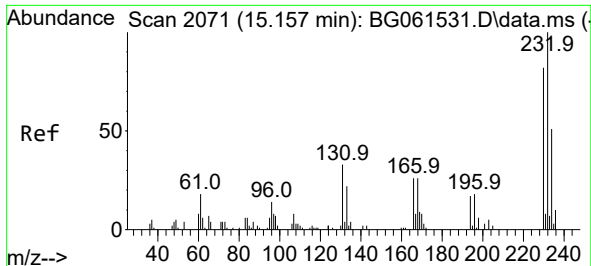
Tgt Ion:168 Resp: 210436
Ion Ratio Lower Upper
168 100
139 40.4 33.4 50.2



#57
2,4-Dinitrotoluene
Concen: 32.572 ng/ul
RT: 14.891 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion:165 Resp: 56493
Ion Ratio Lower Upper
165 100
63 55.0 43.4 65.2
182 2.2 2.0 3.0

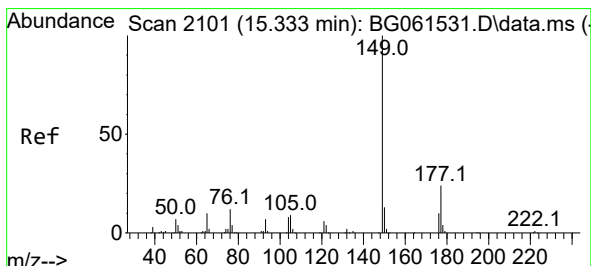
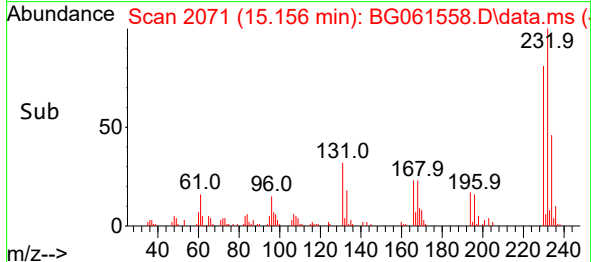
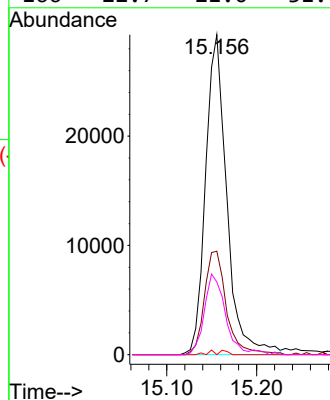
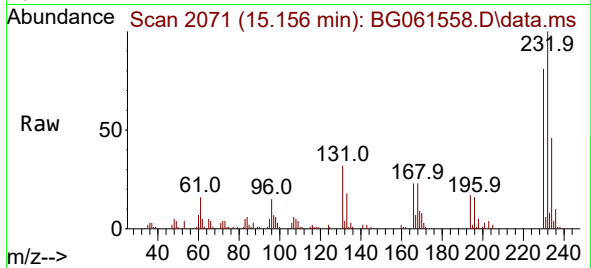




#58
2,3,4,6-Tetrachlorophenol
Concen: 37.381 ng/ul
RT: 15.156 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

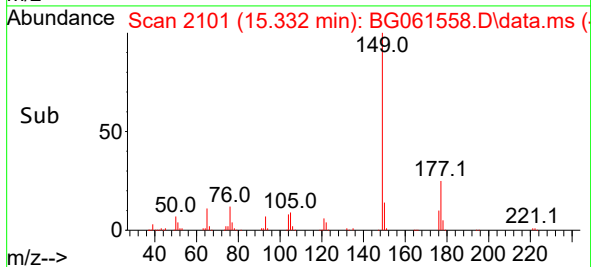
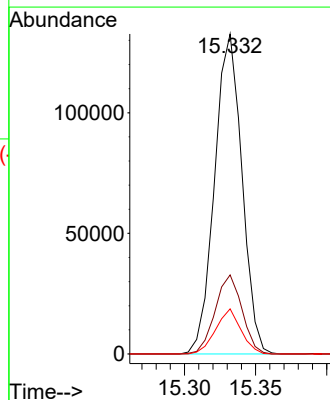
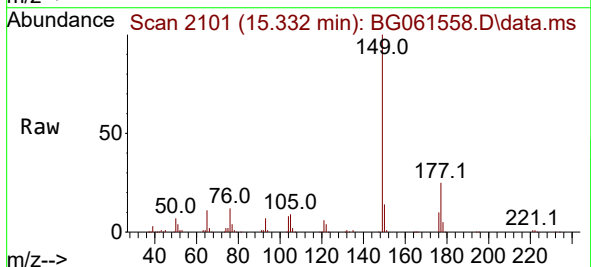
Instrument :
BNA_G
ClientSampleId :
SLCS251

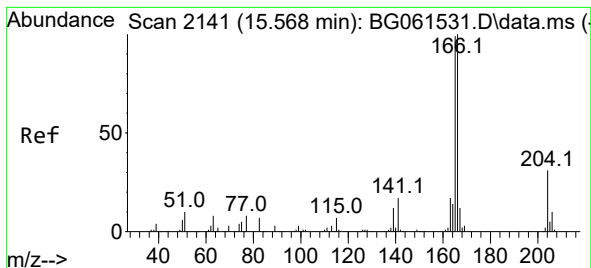
Tgt Ion:232 Resp: 48015
Ion Ratio Lower Upper
232 100
131 32.4 30.2 45.2
130 0.0 1.8 2.6#
166 22.7 21.0 31.6



#59
Diethylphthalate
Concen: 30.907 ng/ul
RT: 15.332 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion:149 Resp: 177419
Ion Ratio Lower Upper
149 100
177 24.7 19.1 28.7
150 14.1 11.0 16.4





#61

Fluorene

Concen: 33.990 ng/ul

RT: 15.561 min Scan# 2141

Delta R.T. -0.000 min

Lab File: BG061558.D

Acq: 8 Jun 2024 8:40

Instrument :

BNA_G

ClientSampleId :

SLCS251

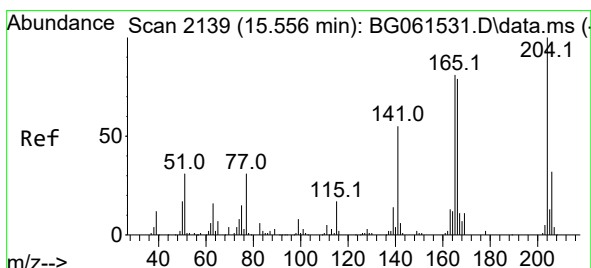
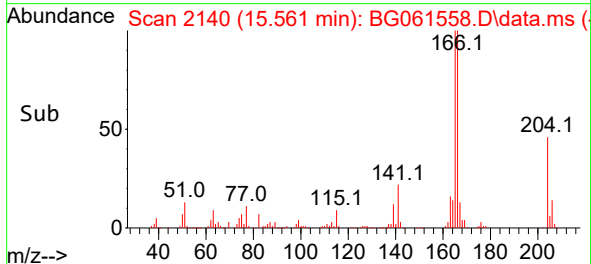
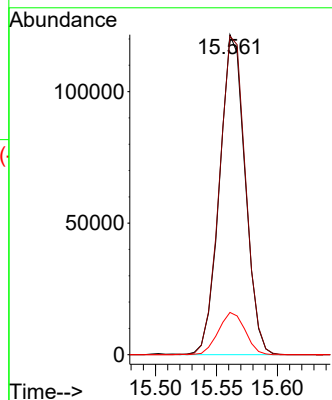
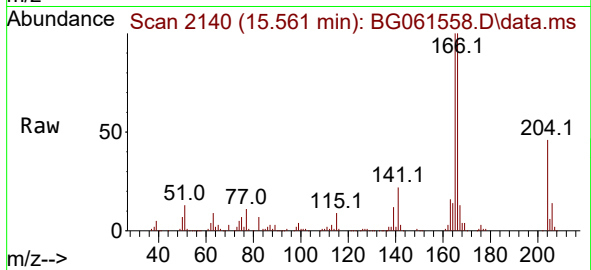
Tgt Ion:166 Resp: 177360

Ion Ratio Lower Upper

166 100

165 99.5 81.8 122.8

167 13.2 10.6 16.0



#62

4-Chlorophenyl-phenylether

Concen: 34.865 ng/ul

RT: 15.555 min Scan# 2139

Delta R.T. -0.000 min

Lab File: BG061558.D

Acq: 8 Jun 2024 8:40

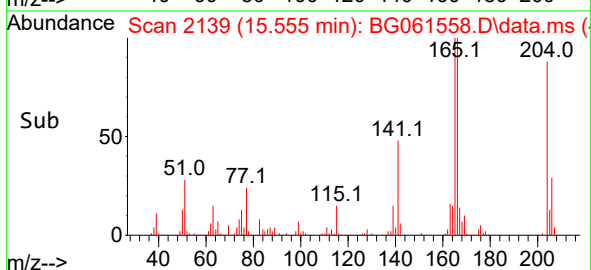
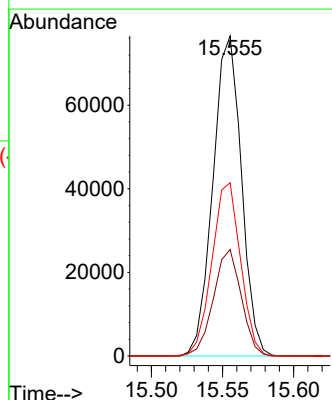
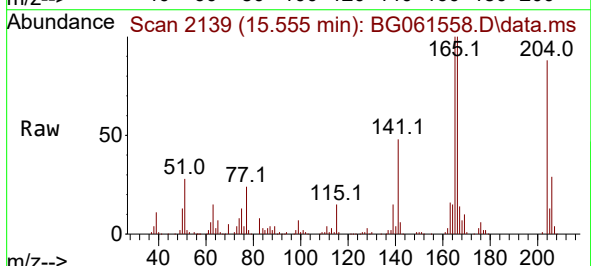
Tgt Ion:204 Resp: 106696

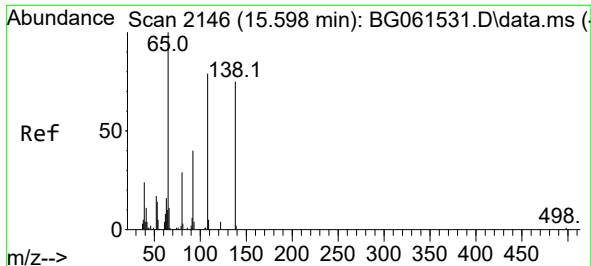
Ion Ratio Lower Upper

204 100

206 33.3 26.3 39.5

141 54.1 43.0 64.6

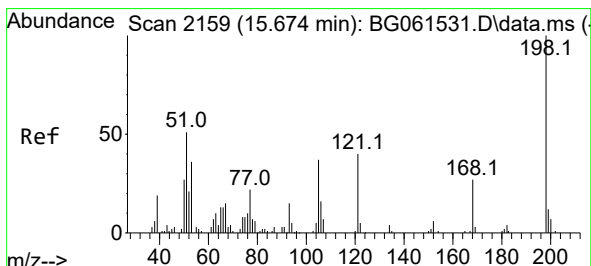
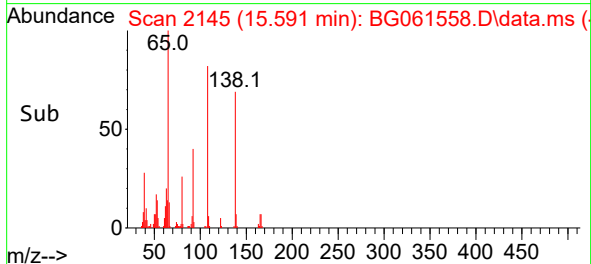
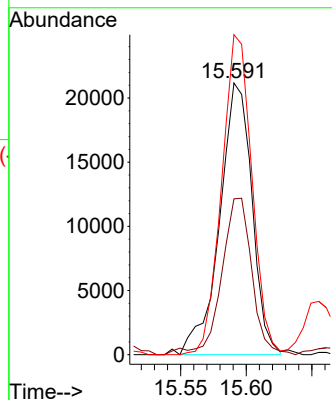
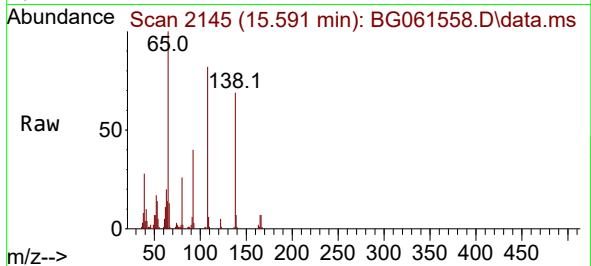




#63
4-Nitroaniline
Concen: 35.140 ng/ul
RT: 15.591 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

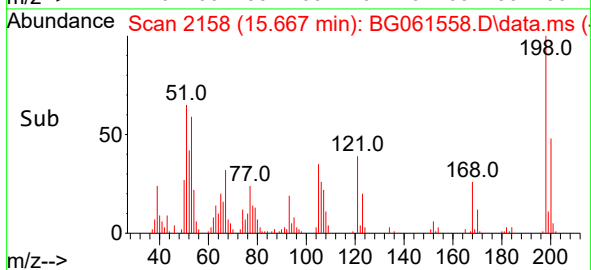
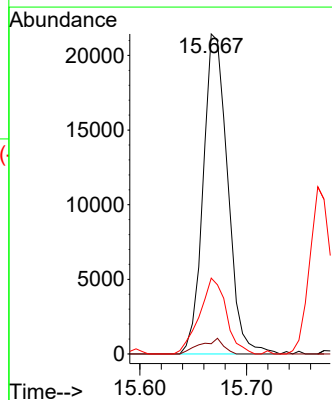
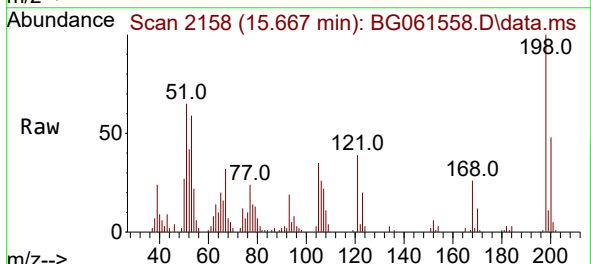
Instrument :
BNA_G
ClientSampleId :
SLCS251

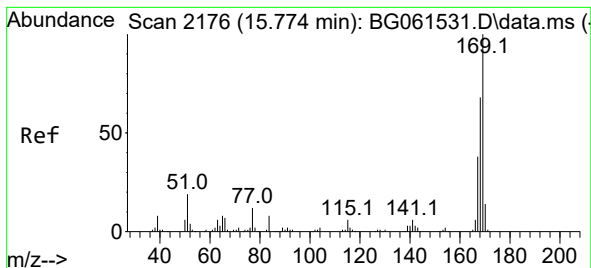
Tgt Ion:138 Resp: 36209
Ion Ratio Lower Upper
138 100
92 57.4 48.6 73.0
108 117.8 95.5 143.3



#66
4,6-Dinitro-2-methylphenol
Concen: 31.695 ng/ul
RT: 15.667 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion:198 Resp: 34255
Ion Ratio Lower Upper
198 100
182 3.2 2.9 4.3
77 23.7 22.3 33.5





#67

N-Nitrosodiphenylamine

Concen: 36.646 ng/ul

RT: 15.773 min Scan# 2176

Delta R.T. 0.006 min

Lab File: BG061558.D

Acq: 8 Jun 2024 8:40

Instrument :

BNA_G

ClientSampleId :

SLCS251

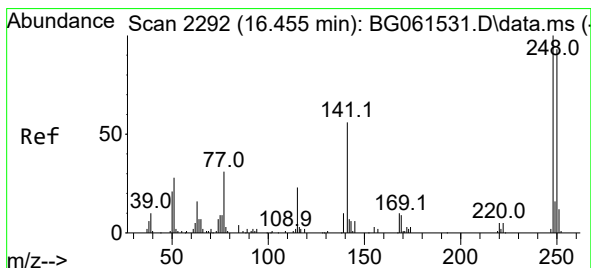
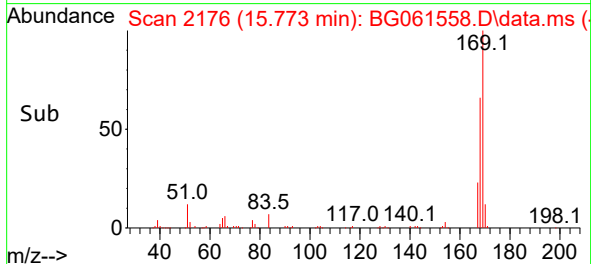
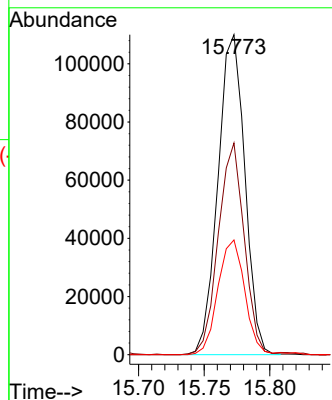
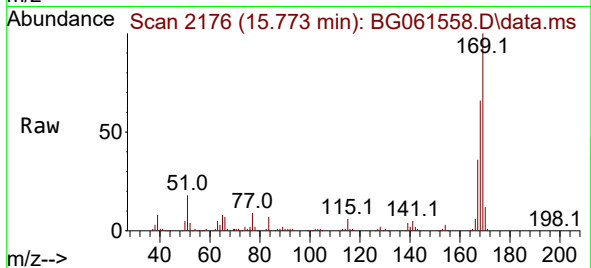
Tgt Ion:169 Resp: 157049

Ion Ratio Lower Upper

169 100

168 66.1 51.9 77.9

167 35.9 29.4 44.2



#68

4-Bromophenyl-phenylether

Concen: 36.972 ng/ul

RT: 16.448 min Scan# 2291

Delta R.T. -0.000 min

Lab File: BG061558.D

Acq: 8 Jun 2024 8:40

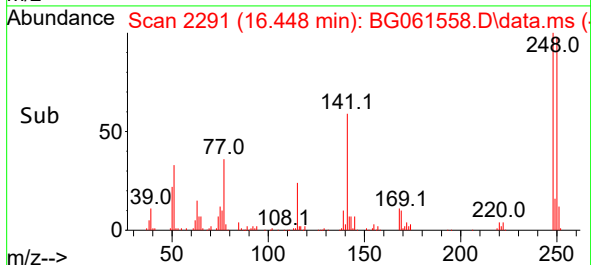
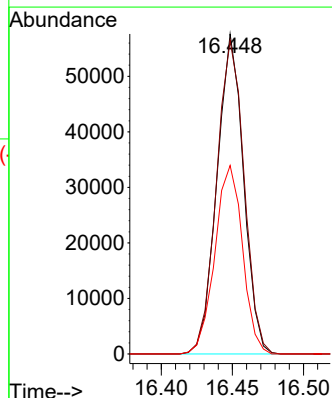
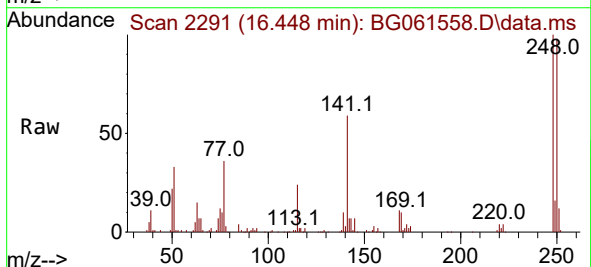
Tgt Ion:248 Resp: 74694

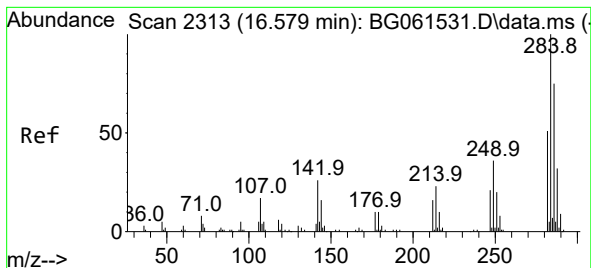
Ion Ratio Lower Upper

248 100

250 98.0 79.4 119.2

141 58.9 50.2 75.4





#69

Hexachlorobenzene

Concen: 37.646 ng/ul

RT: 16.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG061558.D

Acq: 8 Jun 2024 8:40

Instrument :

BNA_G

ClientSampleId :

SLCS251

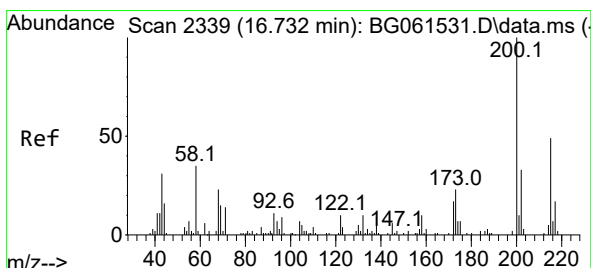
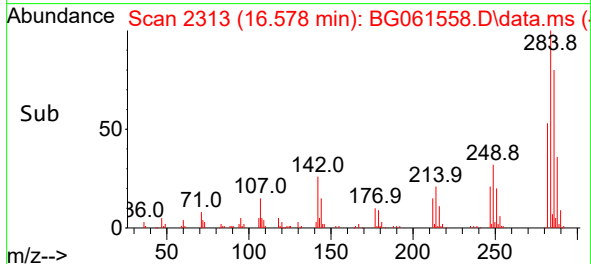
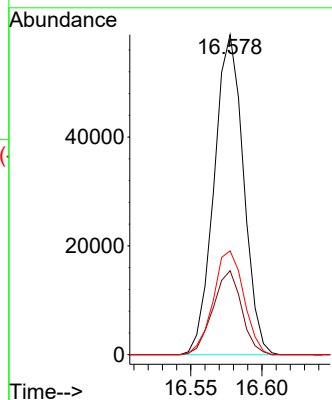
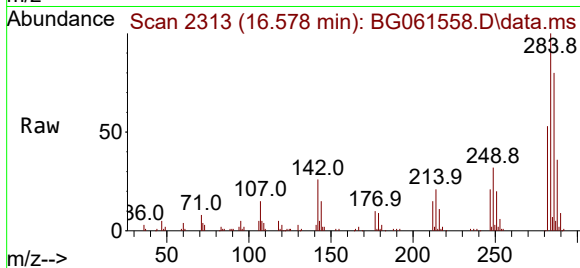
Tgt Ion:284 Resp: 84538

Ion Ratio Lower Upper

284 100

142 26.3 21.2 31.8

249 32.4 28.7 43.1



#70

Atrazine

Concen: 32.497 ng/ul

RT: 16.724 min Scan# 2338

Delta R.T. -0.000 min

Lab File: BG061558.D

Acq: 8 Jun 2024 8:40

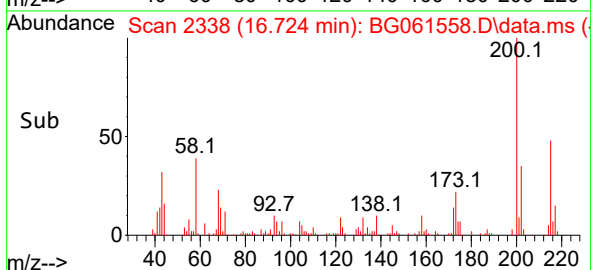
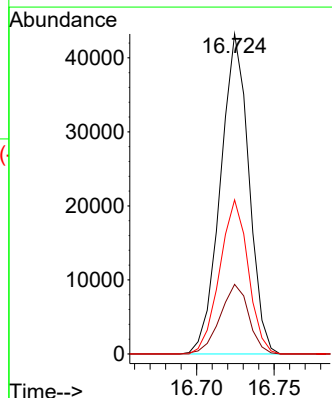
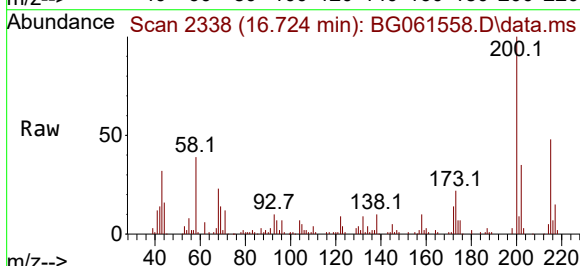
Tgt Ion:200 Resp: 55115

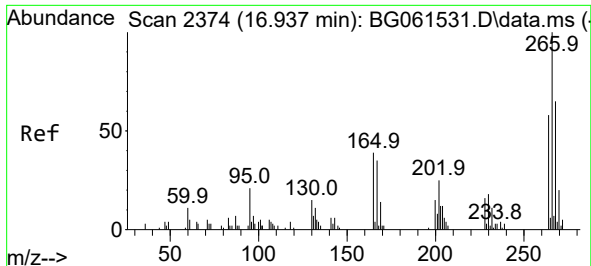
Ion Ratio Lower Upper

200 100

173 21.7 15.9 23.9

215 48.1 37.3 55.9

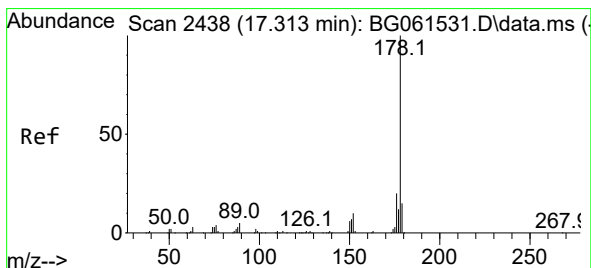
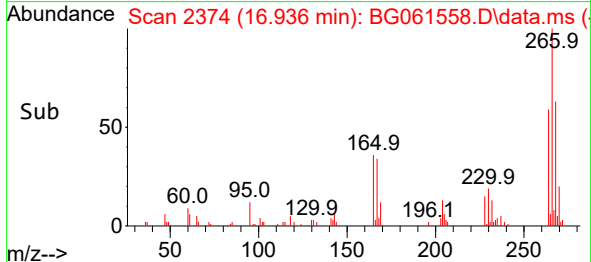
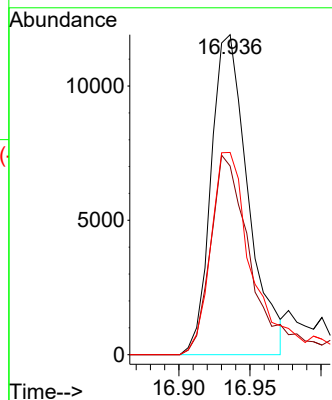
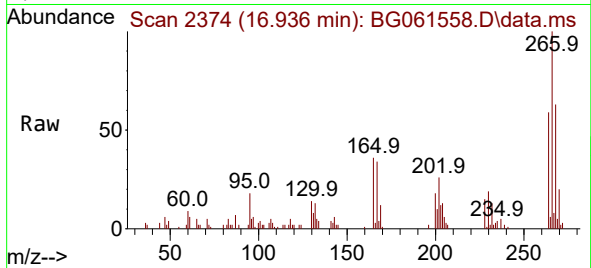




#71
Pentachlorophenol
Concen: 27.616 ng/ul
RT: 16.936 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

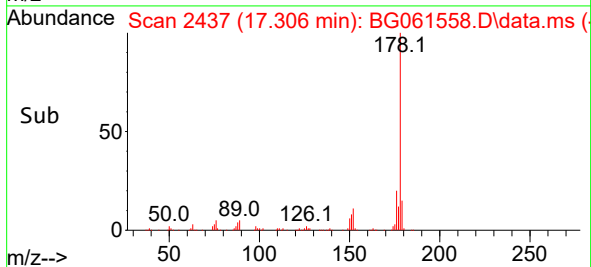
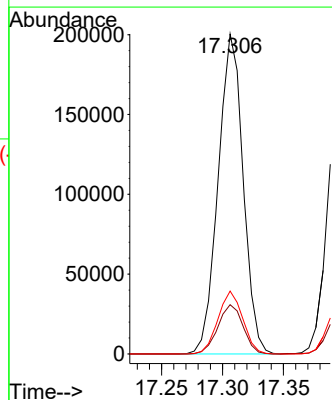
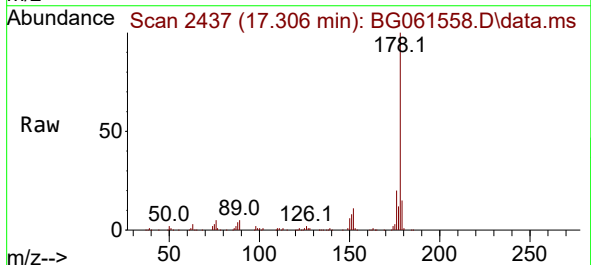
Instrument :
BNA_G
ClientSampleId :
SLCS251

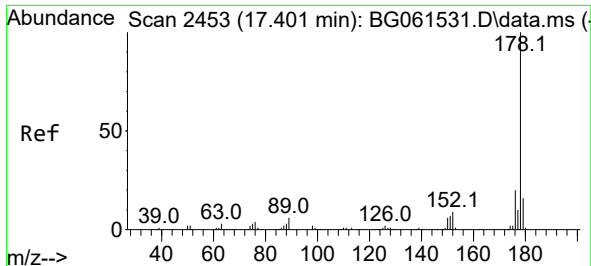
Tgt Ion:266 Resp: 21584
Ion Ratio Lower Upper
266 100
264 58.9 41.9 62.9
268 63.2 52.6 79.0



#72
Phenanthrene
Concen: 34.603 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion:178 Resp: 286367
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.6 15.5 23.3

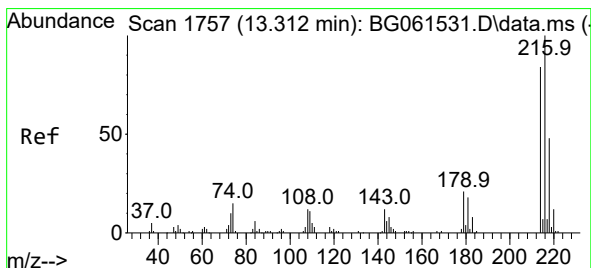
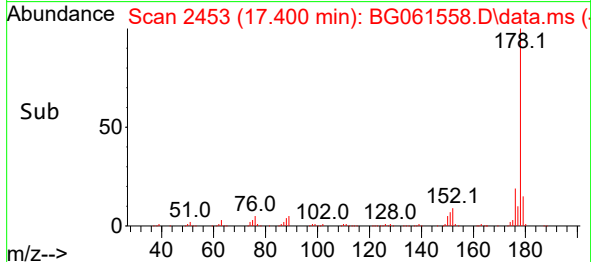
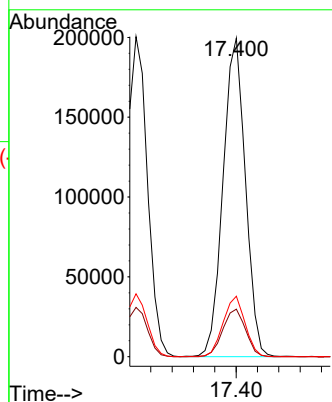
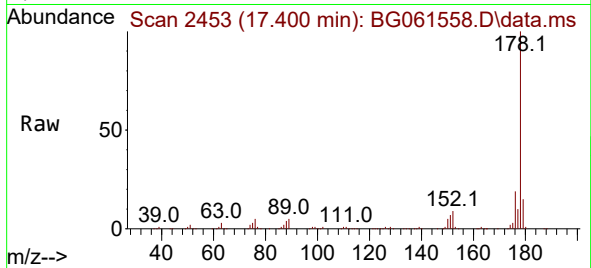




#74
 Anthracene
 Concen: 33.987 ng/uI
 RT: 17.400 min Scan# 2453
 Delta R.T. 0.006 min
 Lab File: BG061558.D
 Acq: 8 Jun 2024 8:40

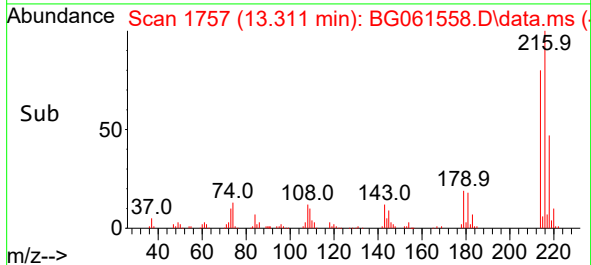
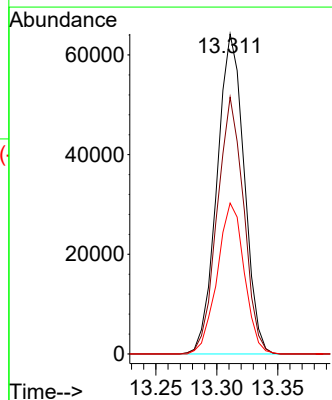
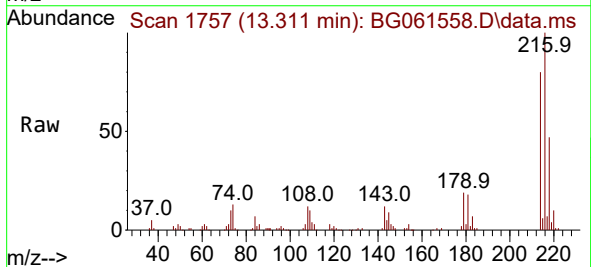
Instrument :
 BNA_G
 ClientSampleId :
 SLCS251

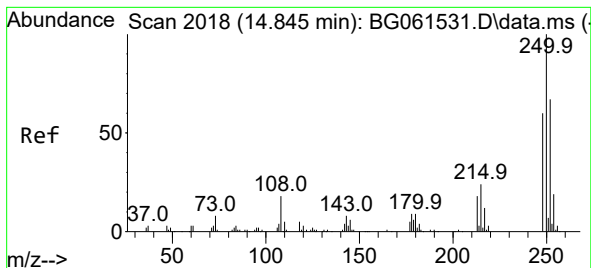
Tgt Ion:178 Resp: 290820
 Ion Ratio Lower Upper
 178 100
 179 14.9 11.8 17.6
 176 19.0 14.9 22.3



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 44.241 ng/uI
 RT: 13.311 min Scan# 1757
 Delta R.T. -0.000 min
 Lab File: BG061558.D
 Acq: 8 Jun 2024 8:40

Tgt Ion:216 Resp: 99713
 Ion Ratio Lower Upper
 216 100
 214 80.2 60.0 90.0
 218 47.2 38.5 57.7





#76

Pentachlorobenzene

Concen: 42.684 ng/uL

RT: 14.838 min Scan# 20

Delta R.T. -0.000 min

Lab File: BG061558.D

Acq: 8 Jun 2024 8:40

Instrument :

BNA_G

ClientSampleId :

SLCS251

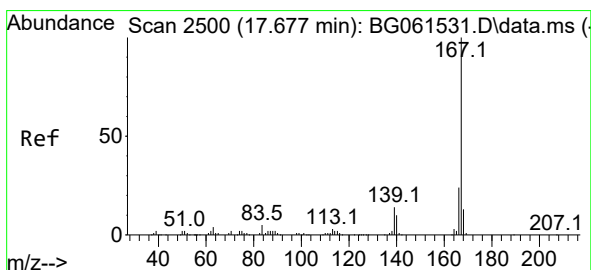
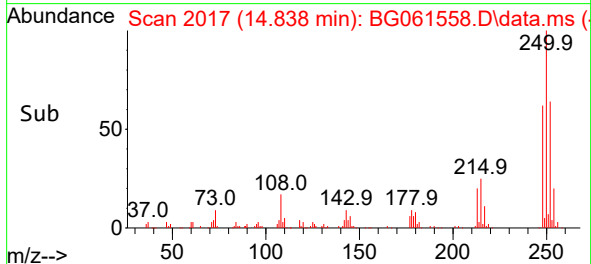
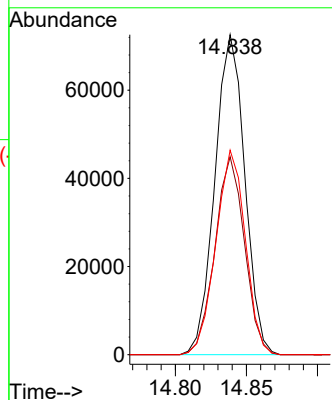
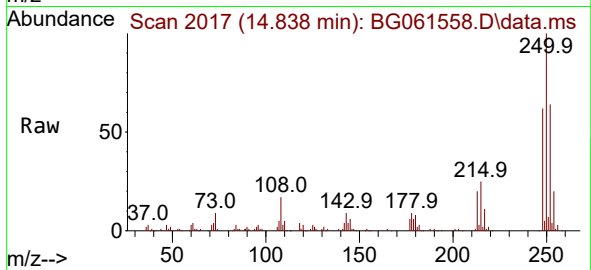
Tgt Ion:250 Resp: 106365

Ion Ratio Lower Upper

250 100

248 61.9 52.6 79.0

252 63.9 54.7 82.1



#77

Carbazole

Concen: 34.809 ng/uL

RT: 17.670 min Scan# 2499

Delta R.T. -0.000 min

Lab File: BG061558.D

Acq: 8 Jun 2024 8:40

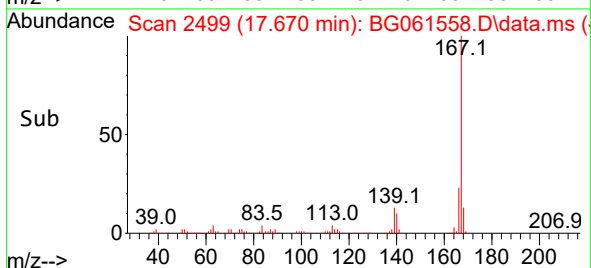
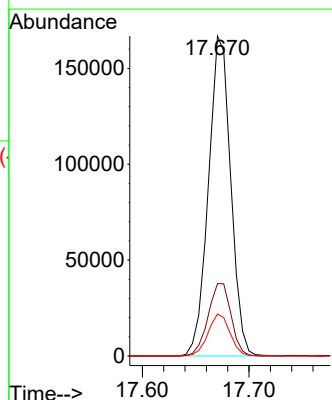
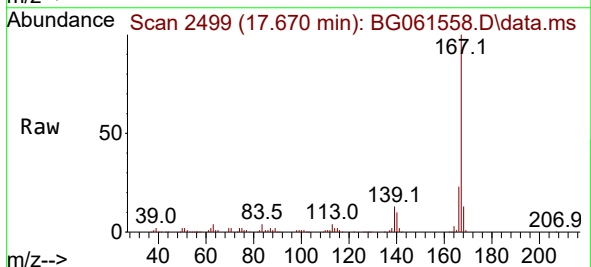
Tgt Ion:167 Resp: 242264

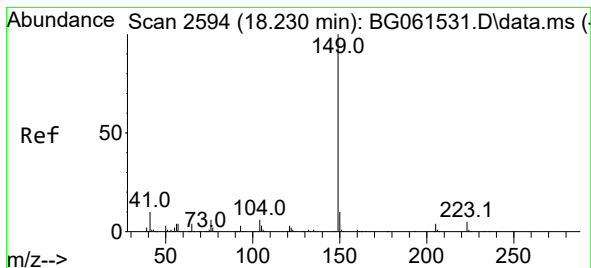
Ion Ratio Lower Upper

167 100

166 22.6 18.6 28.0

139 13.1 10.6 15.8





#78

Di-n-butylphthalate

Concen: 34.046 ng/ul

RT: 18.229 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG061558.D

Acq: 8 Jun 2024 8:40

Instrument :

BNA_G

ClientSampleId :

SLCS251

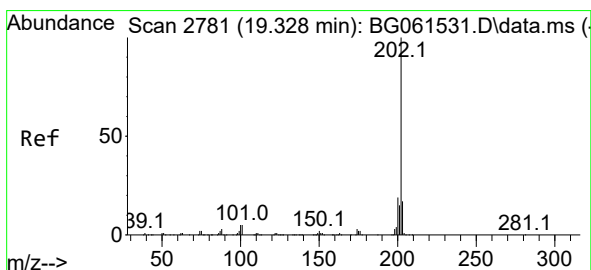
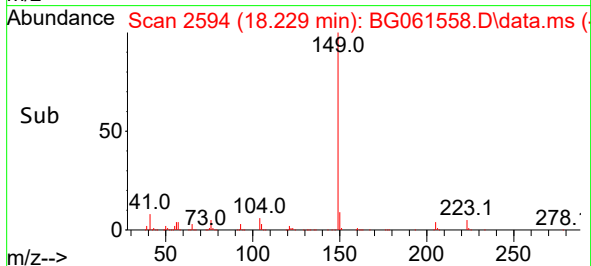
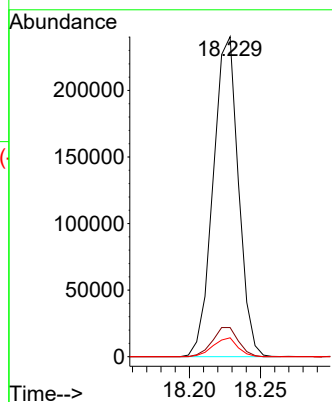
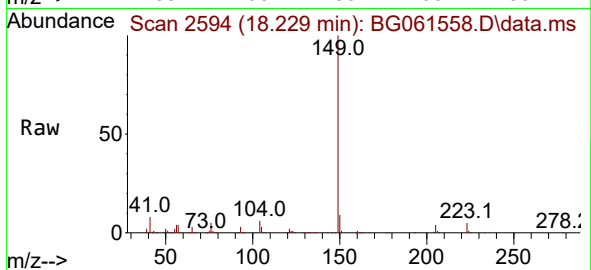
Tgt Ion:149 Resp: 296905

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.8

104 5.9 4.8 7.2



#80

Fluoranthene

Concen: 33.776 ng/ul

RT: 19.327 min Scan# 2781

Delta R.T. 0.006 min

Lab File: BG061558.D

Acq: 8 Jun 2024 8:40

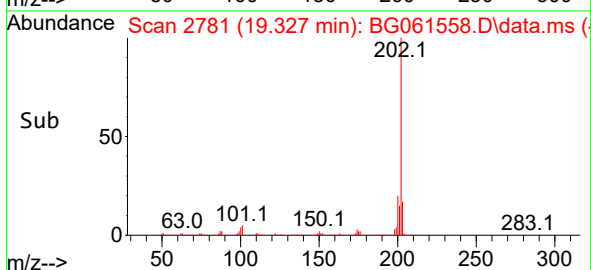
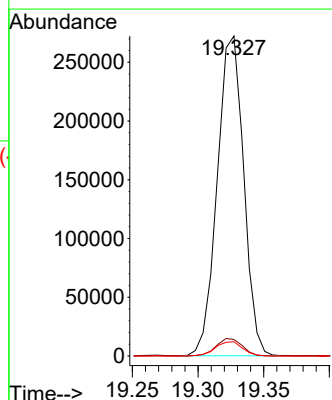
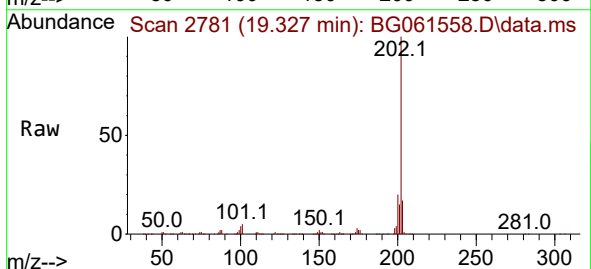
Tgt Ion:202 Resp: 381195

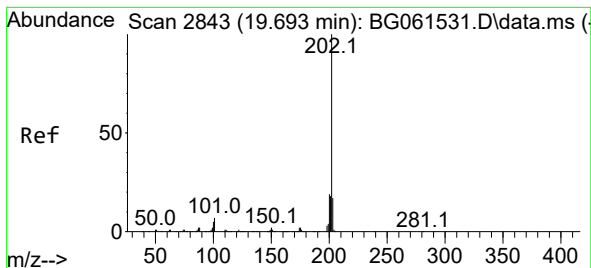
Ion Ratio Lower Upper

202 100

101 5.2 4.8 7.2

100 4.5 4.1 6.1





#82

Pyrene

Concen: 33.616 ng/ul

RT: 19.692 min Scan# 2

Delta R.T. 0.006 min

Lab File: BG061558.D

Acq: 8 Jun 2024 8:40

Instrument :

BNA_G

ClientSampleId :

SLCS251

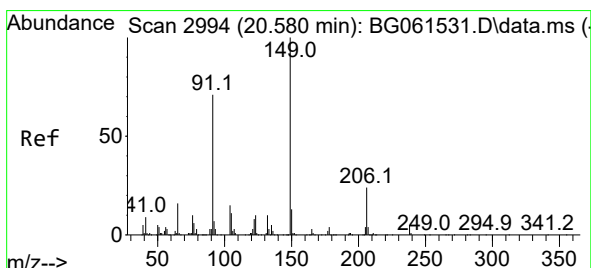
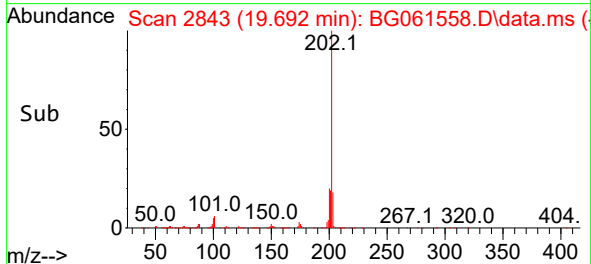
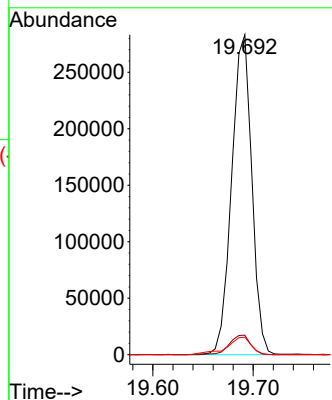
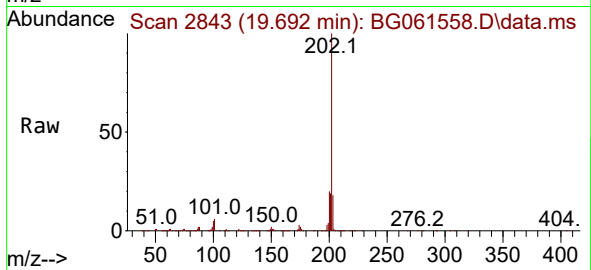
Tgt Ion:202 Resp: 393806

Ion Ratio Lower Upper

202 100

101 6.1 5.7 8.5

100 5.5 5.1 7.7



#83

Butylbenzylphthalate

Concen: 32.570 ng/ul

RT: 20.573 min Scan# 2993

Delta R.T. -0.000 min

Lab File: BG061558.D

Acq: 8 Jun 2024 8:40

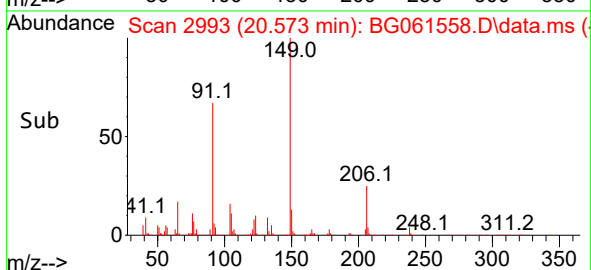
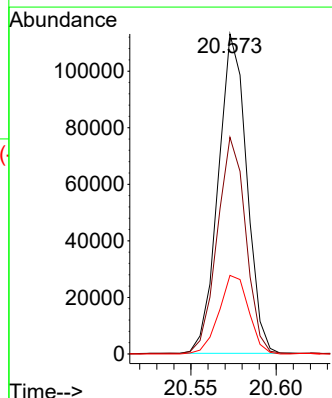
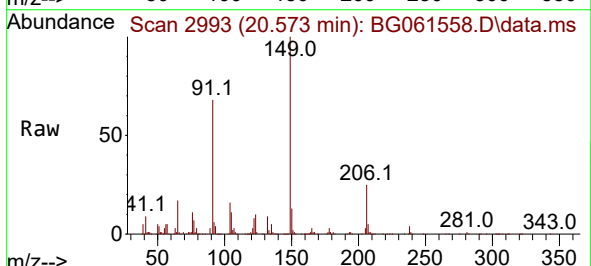
Tgt Ion:149 Resp: 131074

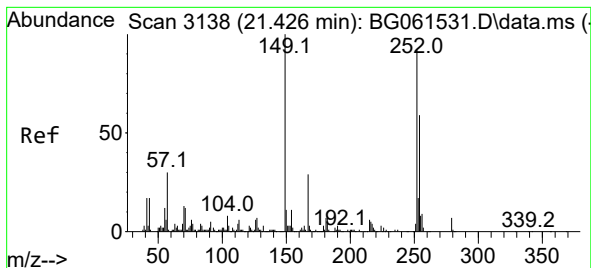
Ion Ratio Lower Upper

149 100

91 67.7 54.8 82.2

206 24.6 19.4 29.0





#84

3,3'-Dichlorobenzidine

Concen: 38.363 ng/ul

RT: 21.419 min Scan# 3137

Delta R.T. -0.000 min

Lab File: BG061558.D

Acq: 8 Jun 2024 8:40

Instrument :

BNA_G

ClientSampleId :

SLCS251

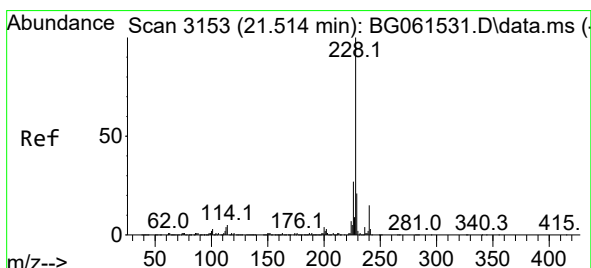
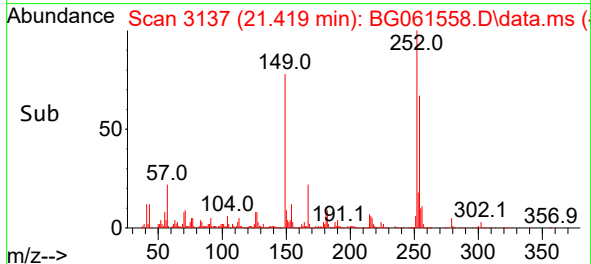
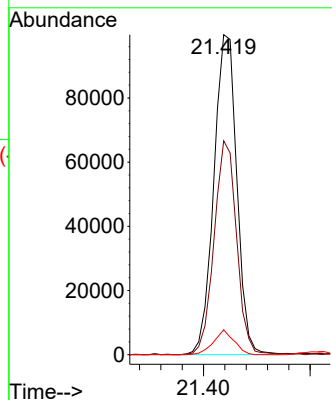
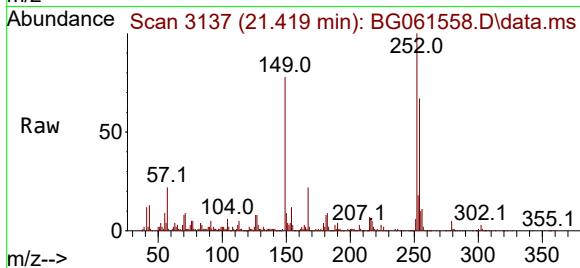
Tgt Ion:252 Resp: 149204

Ion Ratio Lower Upper

252 100

254 66.9 52.7 79.1

126 7.8 5.0 7.6#



#85

Benzo(a)anthracene

Concen: 34.062 ng/ul

RT: 21.507 min Scan# 3152

Delta R.T. 0.006 min

Lab File: BG061558.D

Acq: 8 Jun 2024 8:40

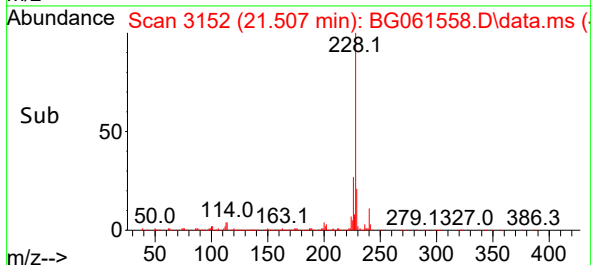
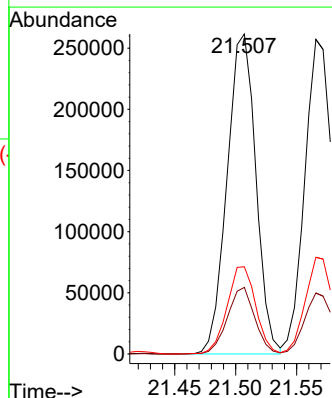
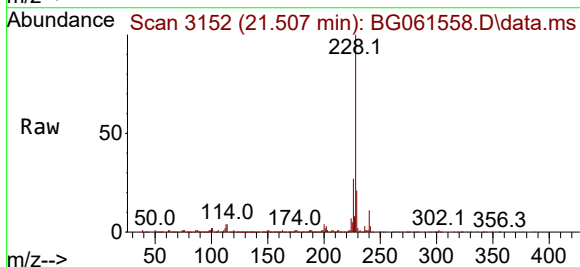
Tgt Ion:228 Resp: 430633

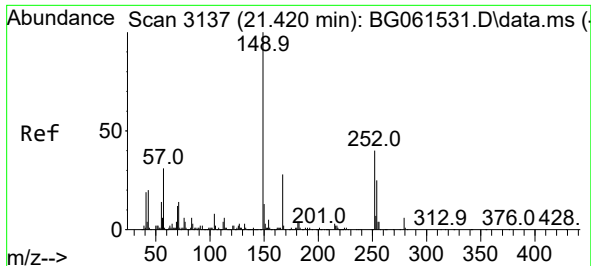
Ion Ratio Lower Upper

228 100

229 20.8 15.2 22.8

226 27.2 21.4 32.2

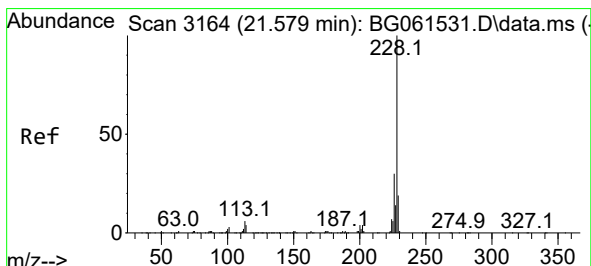
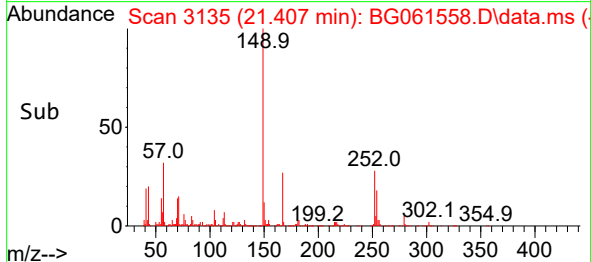
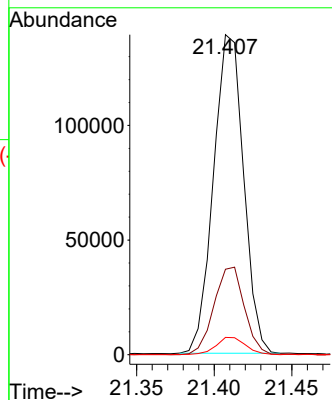
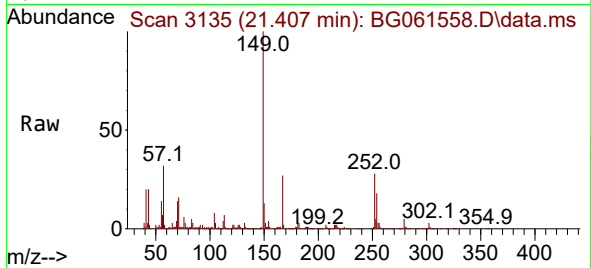




#86
Bis(2-ethylhexyl)phthalate
Concen: 31.525 ng/ul
RT: 21.407 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

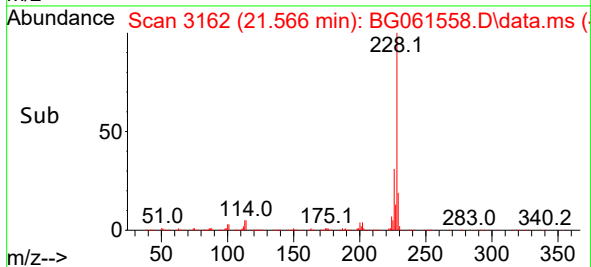
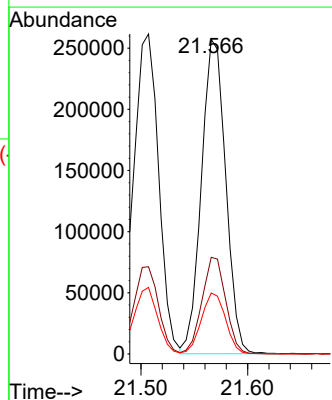
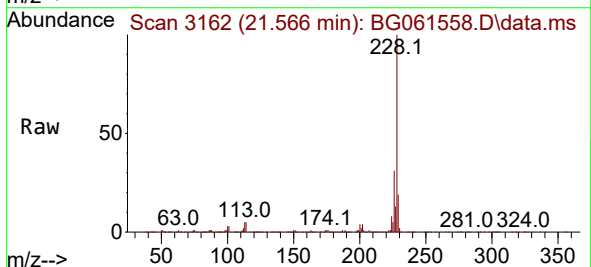
Instrument :
BNA_G
ClientSampleId :
SLCS251

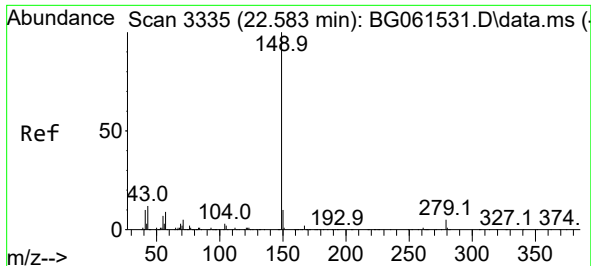
Tgt Ion:149 Resp: 187792
Ion Ratio Lower Upper
149 100
167 26.7 21.1 31.7
279 5.4 3.3 4.9#



#87
Chrysene
Concen: 34.979 ng/ul
RT: 21.566 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion:228 Resp: 407197
Ion Ratio Lower Upper
228 100
226 30.7 23.4 35.0
229 19.4 15.4 23.2

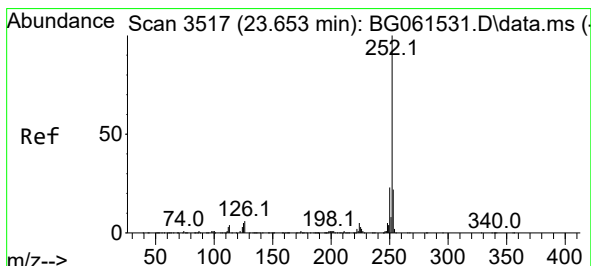
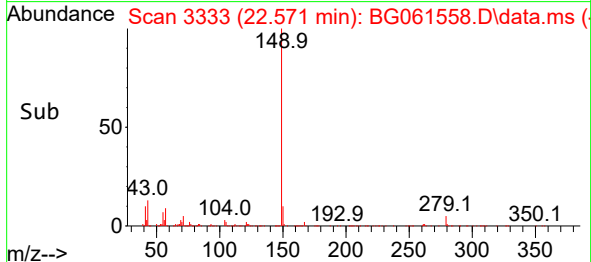
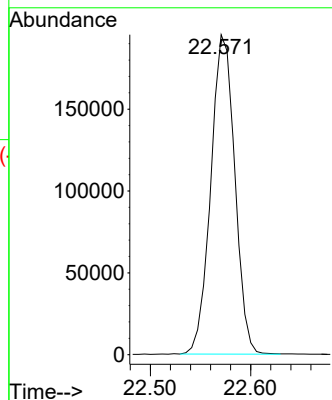
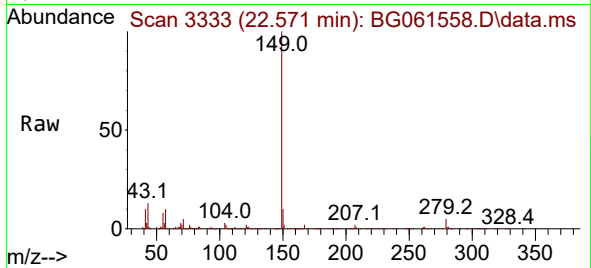




#89
Di-n-octyl phthalate
Concen: 31.108 ng/ul
RT: 22.571 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

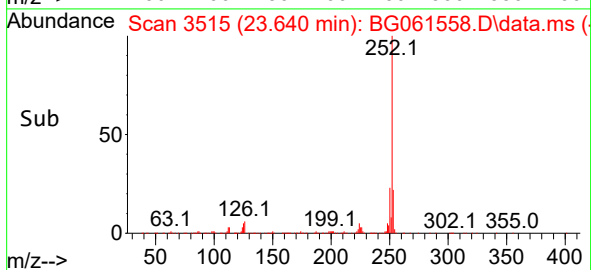
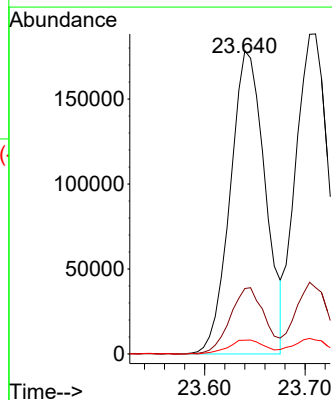
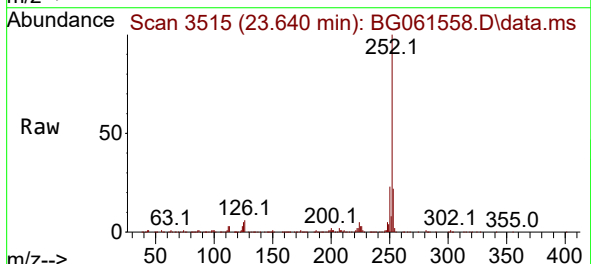
Instrument :
BNA_G
ClientSampleId :
SLCS251

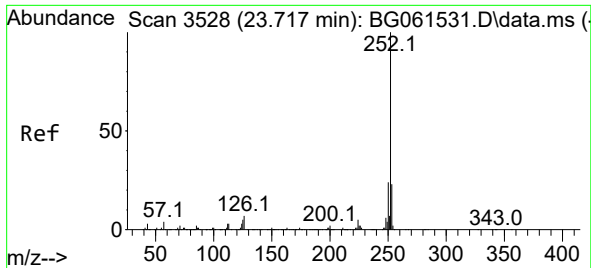
Tgt Ion:149 Resp: 324653



#90
Benzo(b)fluoranthene
Concen: 34.788 ng/ul
RT: 23.640 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion:252 Resp: 432073
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 4.5 4.6 6.8#

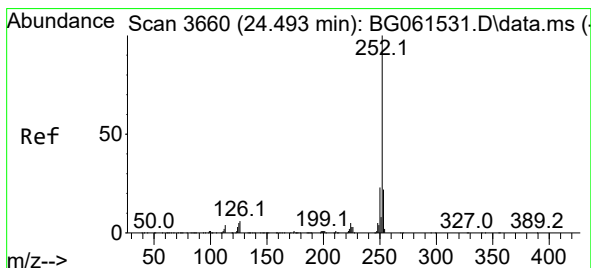
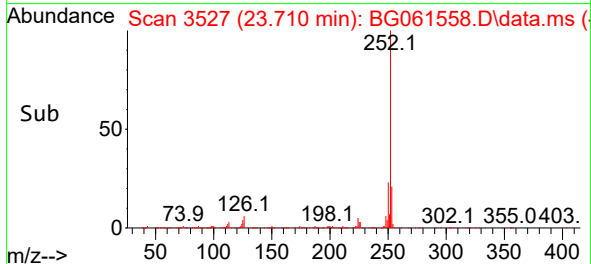
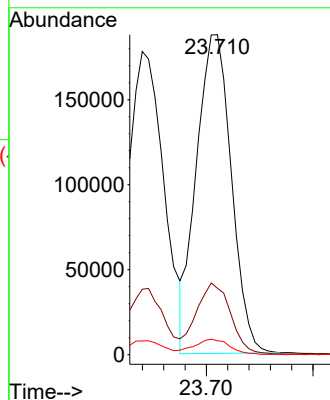
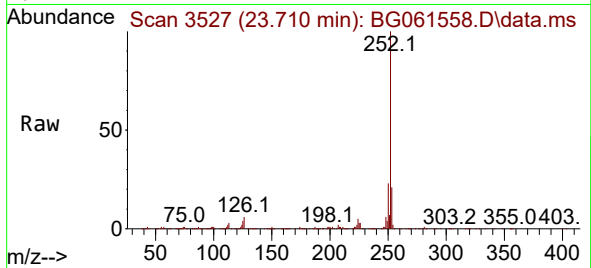




#91
Benzo(k)fluoranthene
Concen: 33.836 ng/ul
RT: 23.710 min Scan# 31
Delta R.T. 0.012 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

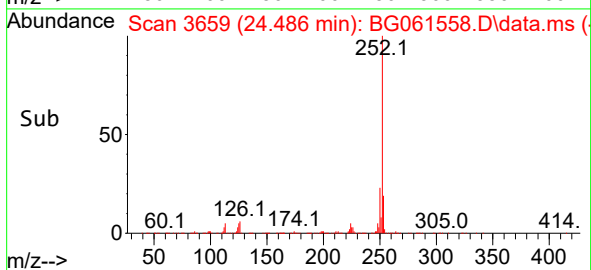
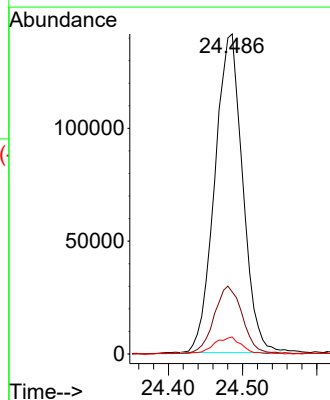
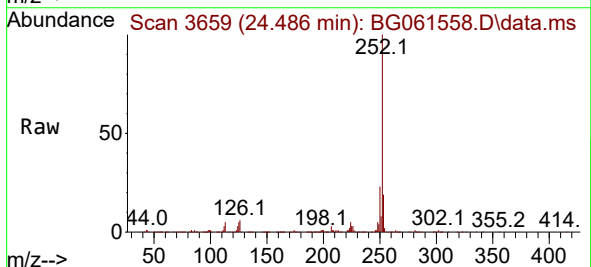
Instrument :
BNA_G
ClientSampleId :
SLCS251

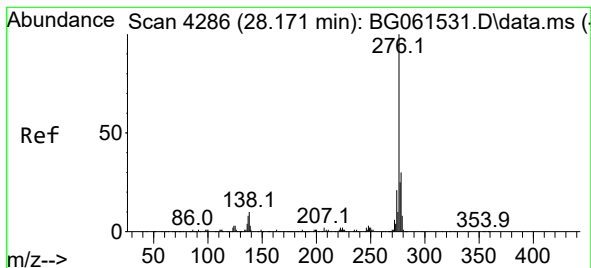
Tgt Ion:252 Resp: 426620
Ion Ratio Lower Upper
252 100
253 20.8 16.0 24.0
125 4.3 4.3 6.5



#93
Benzo(a)pyrene
Concen: 31.210 ng/ul
RT: 24.486 min Scan# 3659
Delta R.T. 0.017 min
Lab File: BG061558.D
Acq: 8 Jun 2024 8:40

Tgt Ion:252 Resp: 368080
Ion Ratio Lower Upper
252 100
253 19.4 16.4 24.6
125 5.3 4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 17.008 ng/ul

RT: 28.158 min Scan# 41

Delta R.T. 0.023 min

Lab File: BG061558.D

Acq: 8 Jun 2024 8:40

Instrument :

BNA_G

ClientSampleId :

SLCS251

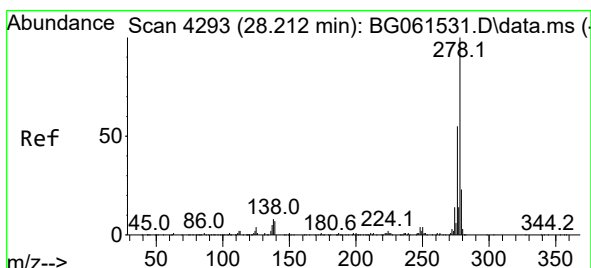
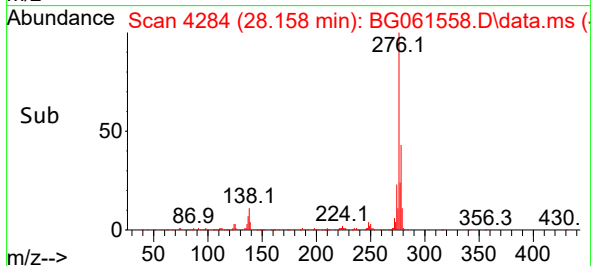
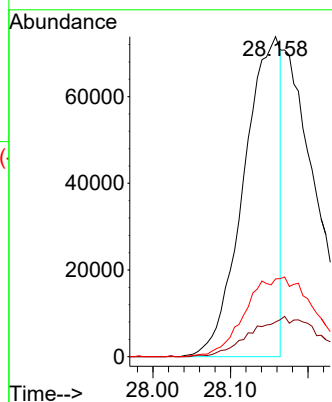
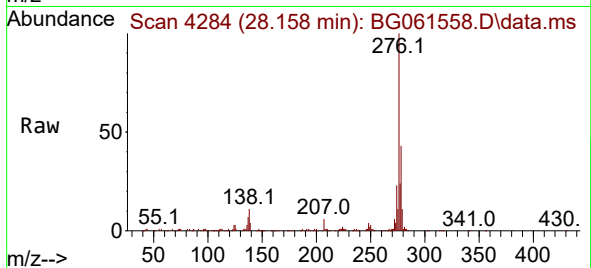
Tgt Ion:276 Resp: 242577

Ion Ratio Lower Upper

276 100

138 10.9 8.6 13.0

277 24.3 19.7 29.5



#95

Dibenzo(a,h)anthracene

Concen: 32.728 ng/ul

RT: 28.193 min Scan# 4290

Delta R.T. 0.023 min

Lab File: BG061558.D

Acq: 8 Jun 2024 8:40

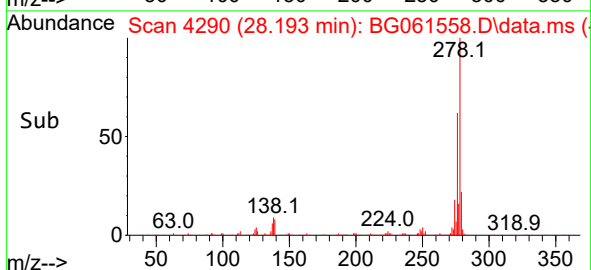
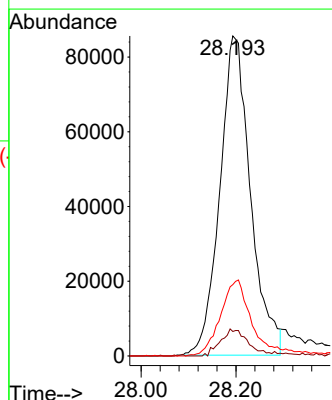
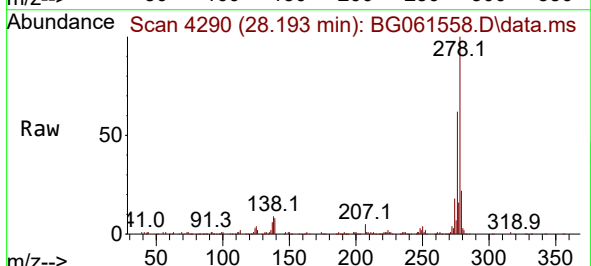
Tgt Ion:278 Resp: 384883

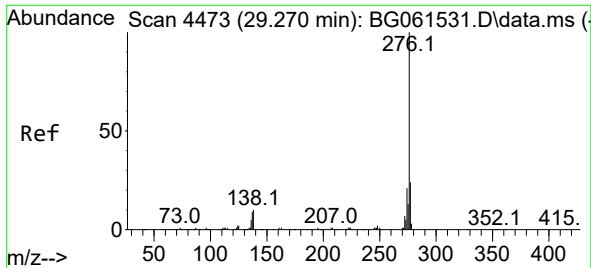
Ion Ratio Lower Upper

278 100

139 7.7 6.4 9.6

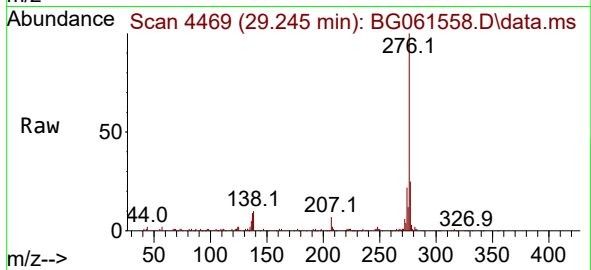
279 22.3 19.9 29.9





#96
 Benzo(g,h,i)perylene
 Concen: 28.623 ng/ul
 RT: 29.245 min Scan# 44
 Delta R.T. 0.023 min
 Lab File: BG061558.D
 Acq: 8 Jun 2024 8:40

Instrument :
 BNA_G
 ClientSampleId :
 SLCS251



Tgt Ion:276 Resp: 324765
 Ion Ratio Lower Upper
 276 100
 138 10.2 8.7 13.1
 277 24.9 18.2 27.2

