

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050923\
 Data File : BG057361.D
 Acq On : 9 May 2023 20:51
 Operator : CG/JU
 Sample : PB152665BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS665

Quant Time: May 09 23:24:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 08 11:47:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.366	152	20203	20.000	ng/u1	0.00
20) Naphthalene-d8	11.204	136	87052	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.981	164	68705	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.718	188	170880	20.000	ng/u1	0.00
79) Chrysene-d12	22.030	240	159549	20.000	ng/u1	-0.01
88) Perylene-d12	25.537	264	164627	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.649	96	2477	5.395	ng/uL	0.00
4) Pyridine-d5	4.090	84	35556	24.565	ng/u1	0.00
7) Phenol-d5	7.509	99	50086	26.215	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.673	67	28170	25.067	ng/u1	0.00
11) 2-Chlorophenol-d4	7.891	132	34613	27.491	ng/u1	0.00
15) 4-Methylphenol-d8	9.065	113	38783	26.707	ng/u1	-0.01
21) Nitrobenzene-d5	9.547	128	18060	26.051	ng/u1	0.00
24) 2-Nitrophenol-d4	10.276	143	22125	27.347	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.822	165	43149	27.644	ng/u1	0.00
31) 4-Chloroaniline-d4	11.333	131	50022	24.179	ng/u1	0.00
46) Dimethylphthalate-d6	14.364	166	142285	26.136	ng/u1	0.00
49) Acenaphthylene-d8	14.681	160	159615	26.087	ng/u1	0.00
54) 4-Nitrophenol-d4	15.169	143	19173	24.195	ng/u1	0.00
60) Fluorene-d10	15.968	176	132817	26.189	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.085	200	27076	26.743	ng/u1	0.00
73) Anthracene-d10	17.818	188	204077	26.164	ng/u1	0.00
81) Pyrene-d10	20.086	212	250943	26.498	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.302	264	231290	27.576	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.690	88	5458	11.210	ng/uL#	83
5) Pyridine	4.107	79	36535	23.946	ng/u1	92
6) Benzaldehyde	7.491	77	32445	55.600	ng/u1	85
8) Phenol	7.532	94	49834	25.878	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.767	93	36982	25.660	ng/u1#	85
12) 2-Chlorophenol	7.926	128	36710	27.758	ng/u1	99
13) 2-Methylphenol	8.801	108	37648	25.226	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.883	45	43945	23.649	ng/u1#	97
16) Acetophenone	9.195	105	62614	25.058	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.165	70	34475	24.009	ng/u1	97
18) 4-Methylphenol	9.136	108	42054	26.033	ng/u1	97
19) Hexachloroethane	9.465	117	15158	27.394	ng/u1	97
22) Nitrobenzene	9.588	77	51268	24.835	ng/u1	98
23) Isophorone	10.105	82	95734	24.374	ng/u1	100
25) 2-Nitrophenol	10.305	139	22361	27.287	ng/u1	95
26) 2,4-Dimethylphenol	10.346	107	45377	24.410	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.581	93	52495	25.712	ng/u1	96
29) 2,4-Dichlorophenol	10.845	162	41515	28.021	ng/u1	98
30) Naphthalene	11.257	128	126662	26.500	ng/u1	98
32) 4-Chloroaniline	11.356	127	48278	22.397	ng/u1	98
33) Hexachlorobutadiene	11.527	225	34337	27.325	ng/u1	98
34) Caprolactam	12.108	113	8943	17.930	ng/u1	93
35) 4-Chloro-3-methylphenol	12.455	107	44914	26.347	ng/u1	96
36) 2-Methylnaphthalene	12.831	142	90483	25.814	ng/u1	94

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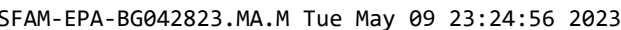
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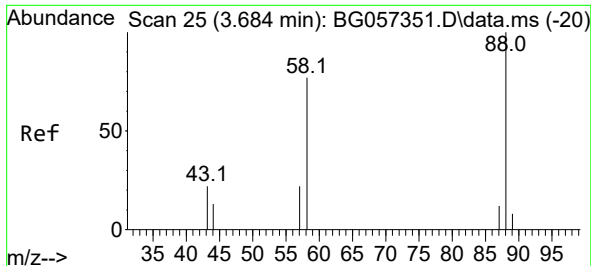
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.048	142	95028	26.962	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.195	216	67243	26.932	ng/ul	96
40) Hexachlorocyclopentadiene	13.166	237	15810	12.689	ng/ul	100
41) 2,4,6-Trichlorophenol	13.424	196	39008	26.826	ng/ul	96
42) 2,4,5-Trichlorophenol	13.506	196	41346	26.483	ng/ul	94
43) 1,1'-Biphenyl	13.818	154	135571	25.860	ng/ul	99
44) 2-Chloronaphthalene	13.871	162	105380	25.925	ng/ul	99
45) 2-Nitroaniline	14.065	65	31275	25.487	ng/ul#	82
47) Dimethylphthalate	14.411	163	140894	25.772	ng/ul	99
48) 2,6-Dinitrotoluene	14.546	165	29704	26.402	ng/ul	98
50) Acenaphthylene	14.711	152	160379	25.794	ng/ul	99
51) 3-Nitroaniline	14.881	138	26581	33.344	ng/ul	98
52) Acenaphthene	15.046	153	113149	25.541	ng/ul	97
53) 2,4-Dinitrophenol	15.098	184	14196	23.694	ng/ul	98
55) 4-Nitrophenol	15.181	109	21038	23.420	ng/ul	96
56) Dibenzofuran	15.375	168	165952	25.941	ng/ul	99
57) 2,4-Dinitrotoluene	15.333	165	45357	28.162	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.598	232	38607	27.215	ng/ul	97
59) Diethylphthalate	15.756	149	142643	25.682	ng/ul	99
61) Fluorene	16.021	166	137733	25.461	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.997	204	81305	25.751	ng/ul	99
63) 4-Nitroaniline	16.038	138	27849	36.890	ng/ul	98
66) 4,6-Dinitro-2-methylph...	16.103	198	27823	26.969	ng/ul#	90
67) N-Nitrosodiphenylamine	16.215	169	116095	26.009	ng/ul	99
68) 4-Bromophenyl-phenylether	16.890	248	55060	26.959	ng/ul	98
69) Hexachlorobenzene	17.025	284	59332	27.587	ng/ul	99
70) Atrazine	17.143	200	46866	23.624	ng/ul	100
71) Pentachlorophenol	17.372	266	20853	20.976	ng/ul	94
72) Phenanthrene	17.760	178	234425	26.344	ng/ul	99
74) Anthracene	17.854	178	232219	25.979	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.794	216	69623	27.089	ng/uL	98
76) Pentachlorobenzene	15.298	250	68519	26.191	ng/uL	99
77) Carbazole	18.118	167	201343	26.954	ng/ul	98
78) Di-n-butylphthalate	18.635	149	237421	27.795	ng/ul	99
80) Fluoranthene	19.751	202	295930	26.306	ng/ul	99
82) Pyrene	20.115	202	296961	26.076	ng/ul	98
83) Butylbenzylphthalate	20.961	149	103692	28.431	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.907	252	108456	30.608	ng/ul	100
85) Benzo(a)anthracene	22.007	228	302579	26.815	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.854	149	149418	28.169	ng/ul	96
87) Chrysene	22.083	228	281695	26.460	ng/ul	99
89) Di-n-octyl phthalate	23.152	149	253243	27.856	ng/ul	100
90) Benzo(b)fluoranthene	24.415	252	309648	27.161	ng/ul	98
91) Benzo(k)fluoranthene	24.486	252	297130	26.790	ng/ul	99
93) Benzo(a)pyrene	25.379	252	264026	26.826	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.585	276	335752	27.290	ng/ul	99
95) Dibenzo(a,h)anthracene	29.649	278	279161	27.364	ng/ul	98
96) Benzo(g,h,i)perylene	30.865	276	269895	27.106	ng/ul	99

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

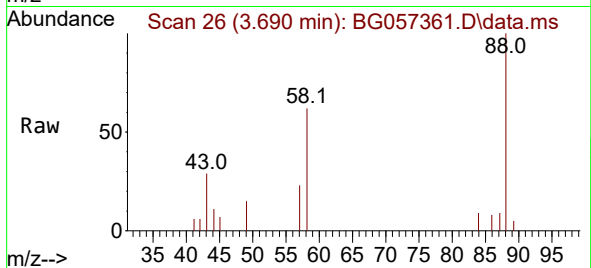
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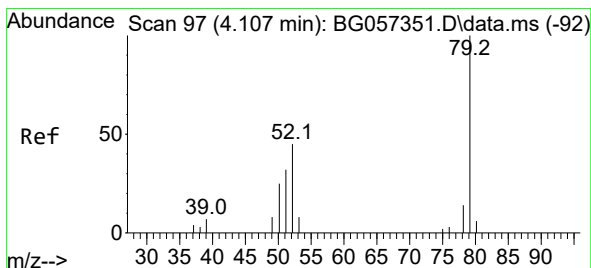
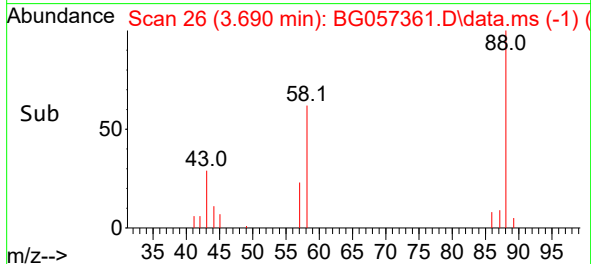
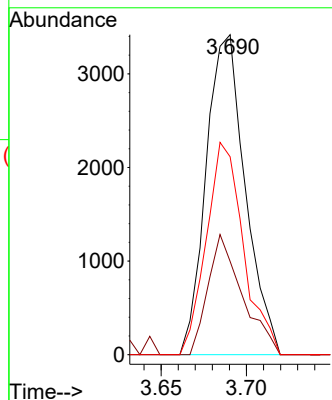


#2
1,4-Dioxane
Concen: 11.210 ng/uL
RT: 3.690 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

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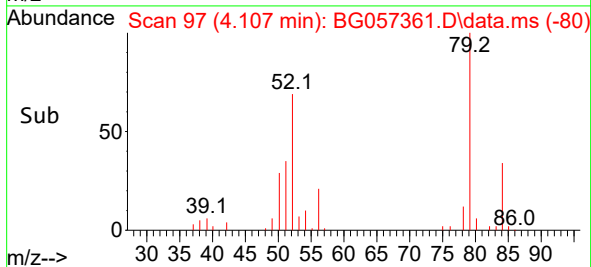
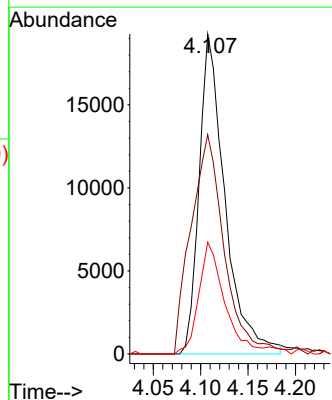
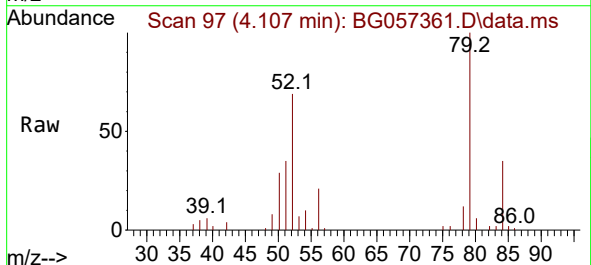


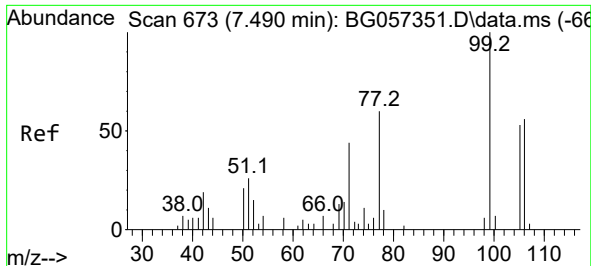
Tgt Ion: 88 Resp: 5458
Ion Ratio Lower Upper
88 100
43 29.1 28.2 42.4
58 61.9 63.3 94.9#



#5
Pyridine
Concen: 23.946 ng/uL
RT: 4.107 min Scan# 97
Delta R.T. -0.002 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion: 79 Resp: 36535
Ion Ratio Lower Upper
79 100
52 68.5 62.4 93.6
51 34.9 29.0 43.4

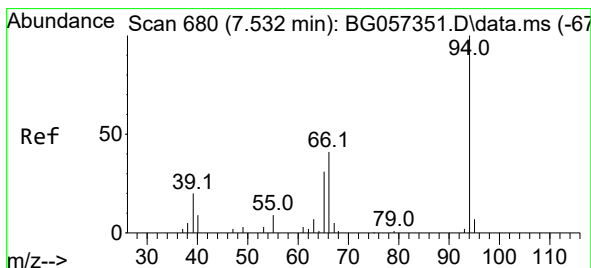
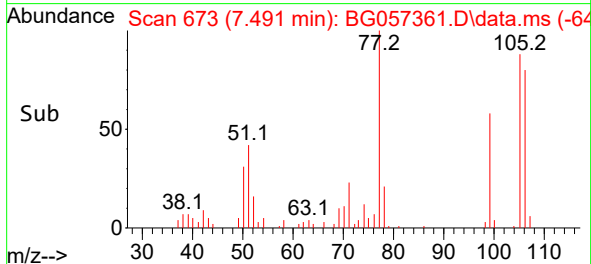
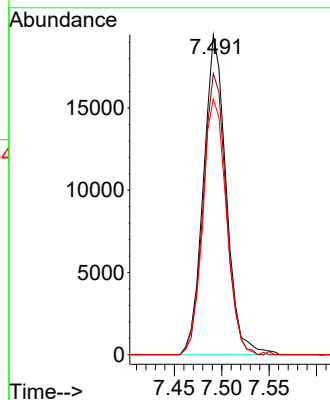
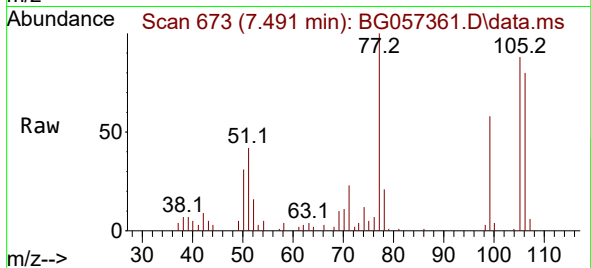




#6
Benzaldehyde
Concen: 55.600 ng/ul
RT: 7.491 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

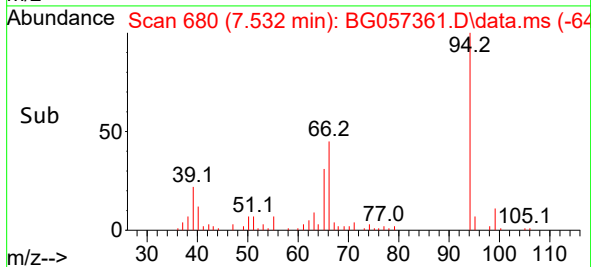
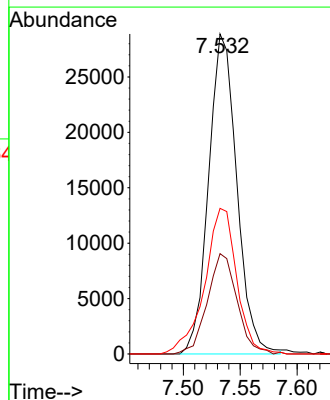
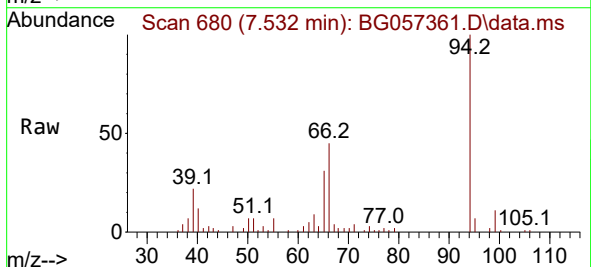
Instrument :
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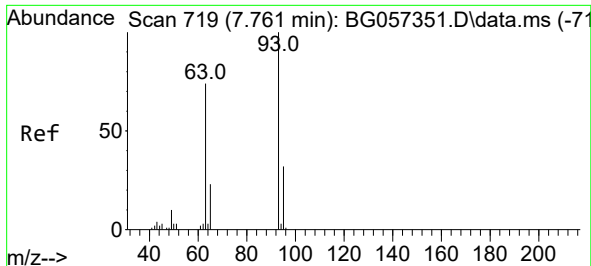
Tgt Ion: 77 Resp: 32445
Ion Ratio Lower Upper
77 100
105 87.8 79.8 119.6
106 79.9 78.7 118.1



#8
Phenol
Concen: 25.878 ng/ul
RT: 7.532 min Scan# 680
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion: 94 Resp: 49834
Ion Ratio Lower Upper
94 100
65 31.3 25.5 38.3
66 45.5 36.9 55.3

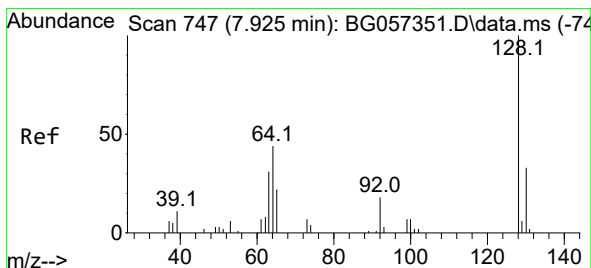
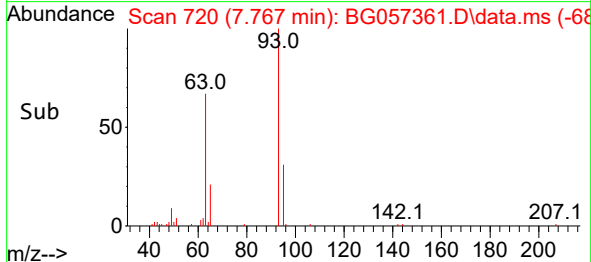
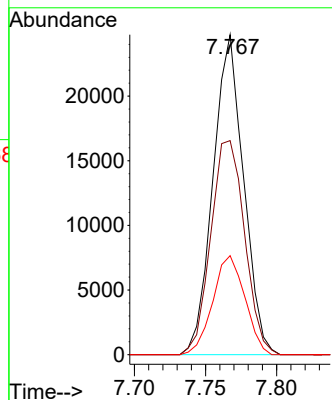
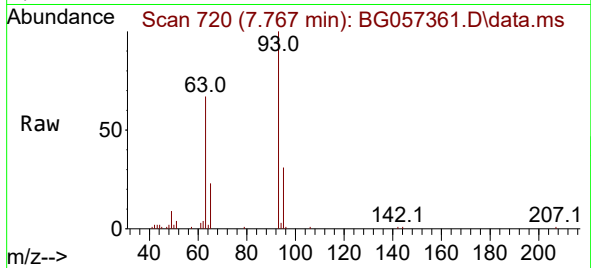




#10
Bis(2-Chloroethyl)ether
Concen: 25.660 ng/ul
RT: 7.767 min Scan# 719
Delta R.T. -0.002 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

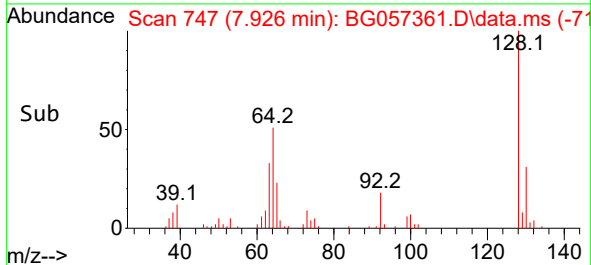
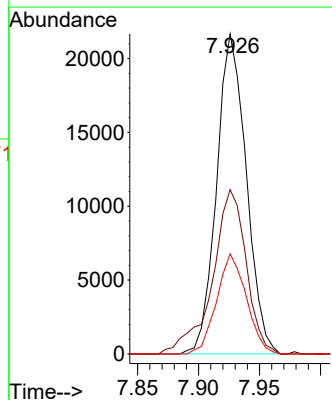
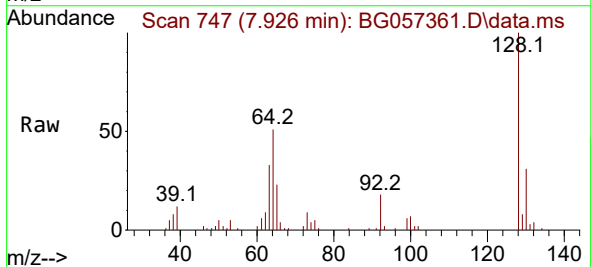
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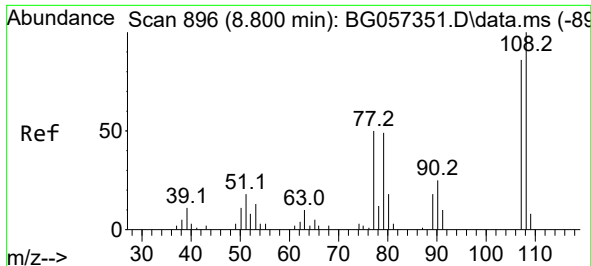
Tgt Ion: 93 Resp: 36982
Ion Ratio Lower Upper
93 100
63 66.9 67.2 100.8#
95 30.9 26.3 39.5



#12
2-Chlorophenol
Concen: 27.758 ng/ul
RT: 7.926 min Scan# 747
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion:128 Resp: 36710
Ion Ratio Lower Upper
128 100
64 51.3 41.3 61.9
130 31.3 24.6 37.0

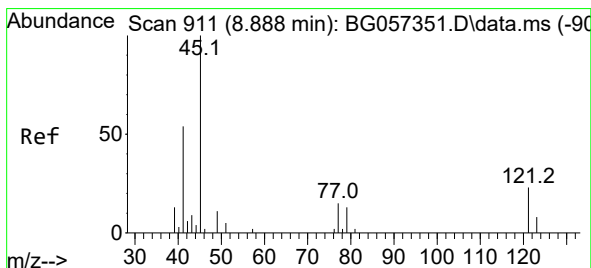
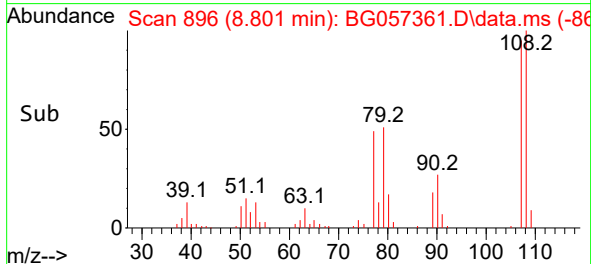
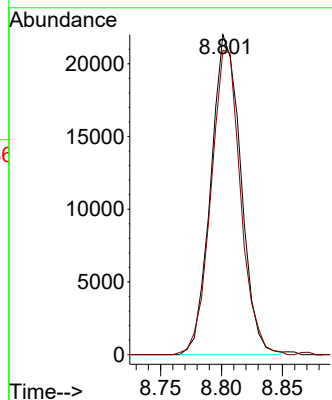
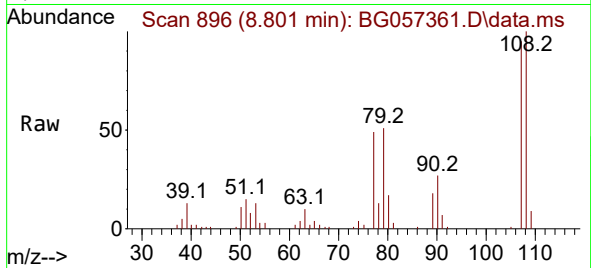




#13
2-Methylphenol
Concen: 25.226 ng/ul
RT: 8.801 min Scan# 896
Delta R.T. -0.014 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

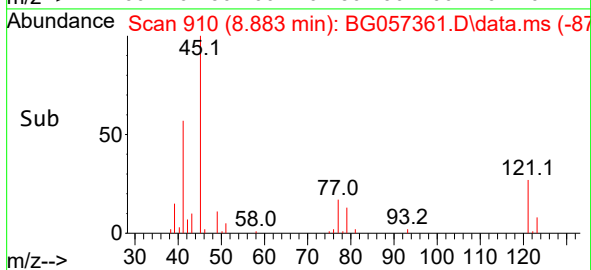
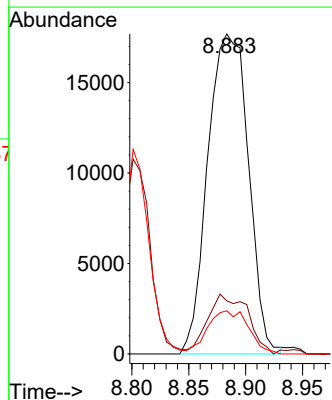
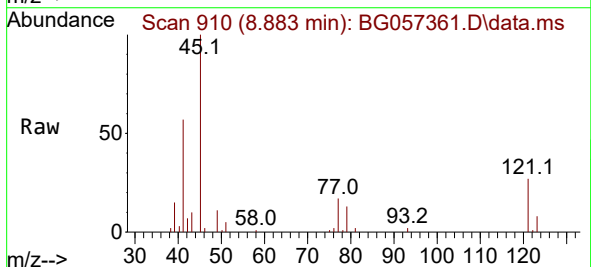
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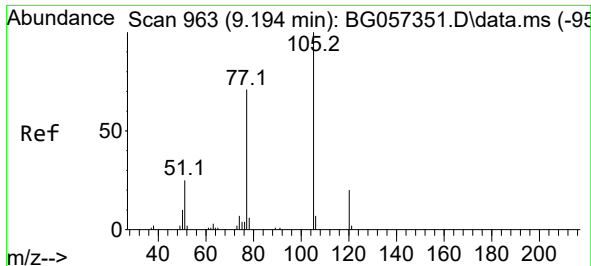
Tgt Ion:108 Resp: 37648
Ion Ratio Lower Upper
108 100
107 95.2 80.0 120.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 23.649 ng/ul
RT: 8.883 min Scan# 910
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion: 45 Resp: 43945
Ion Ratio Lower Upper
45 100
77 16.6 12.9 19.3
79 13.5 8.9 13.3#

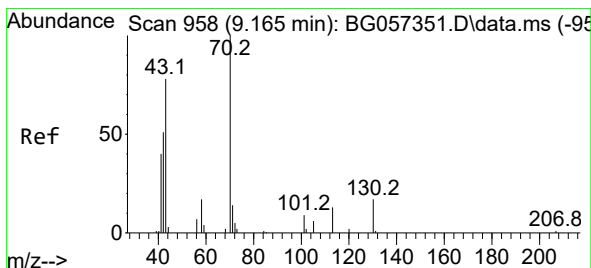
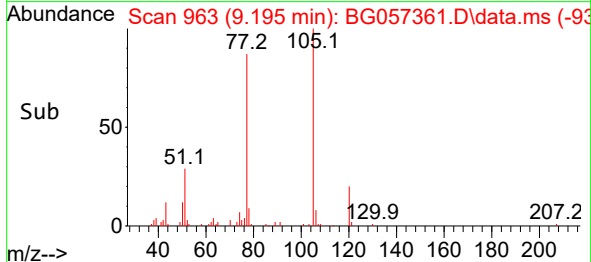
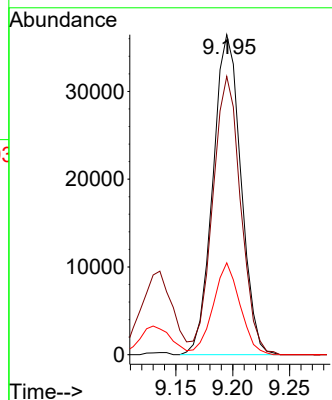
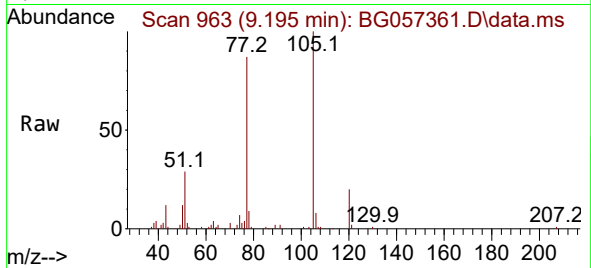




#16
Acetophenone
Concen: 25.058 ng/ul
RT: 9.195 min Scan# 916
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

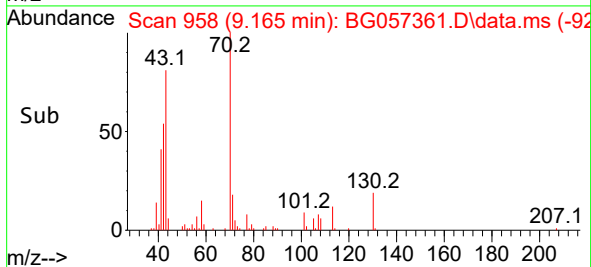
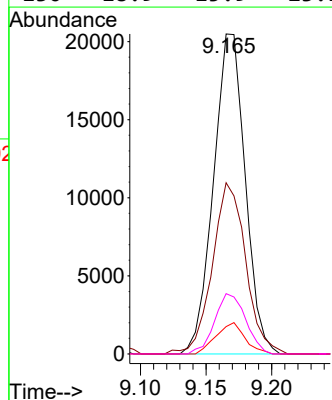
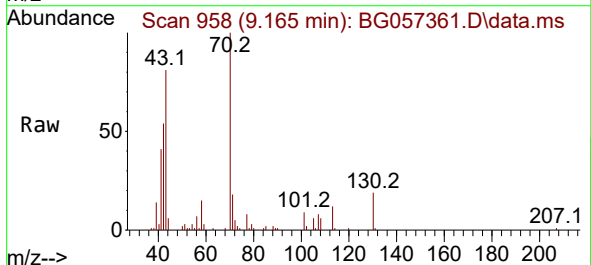
Instrument :
BNA_G
ClientSampleId :
SLCS665

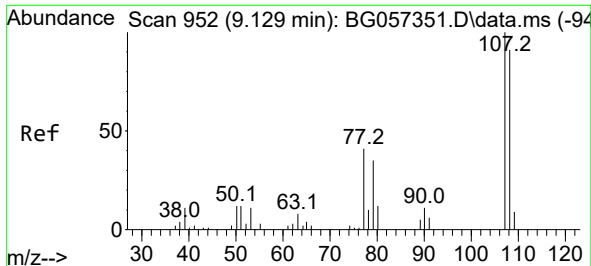
Tgt Ion:105 Resp: 62614
Ion Ratio Lower Upper
105 100
77 86.9 70.6 105.8
51 28.7 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 24.009 ng/ul
RT: 9.165 min Scan# 958
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion: 70 Resp: 34475
Ion Ratio Lower Upper
70 100
42 53.5 45.0 67.4
101 8.6 6.5 9.7
130 18.9 15.9 23.9

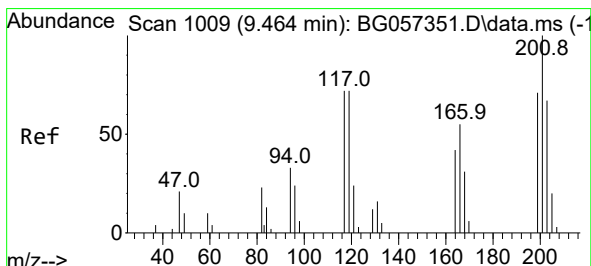
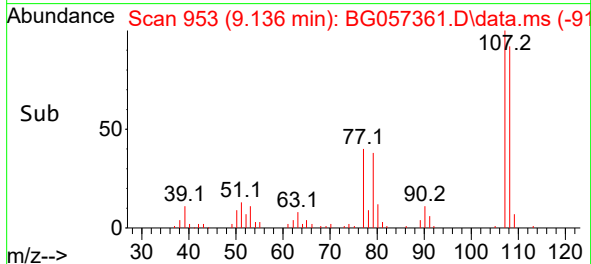
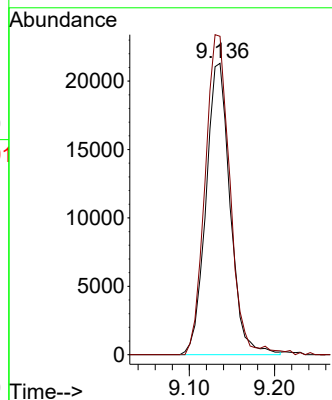
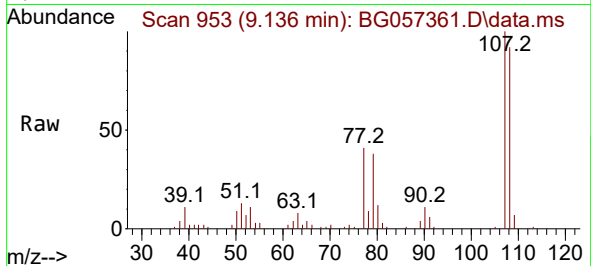




#18
4-Methylphenol
Concen: 26.033 ng/ul
RT: 9.136 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

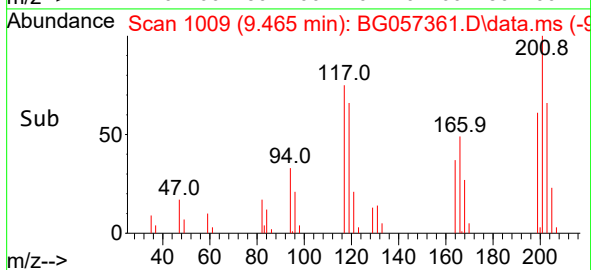
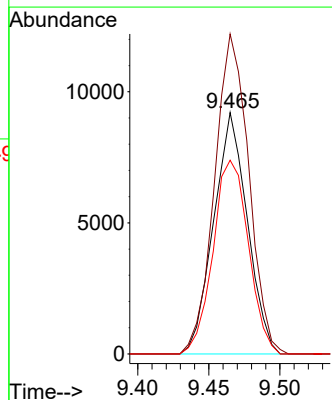
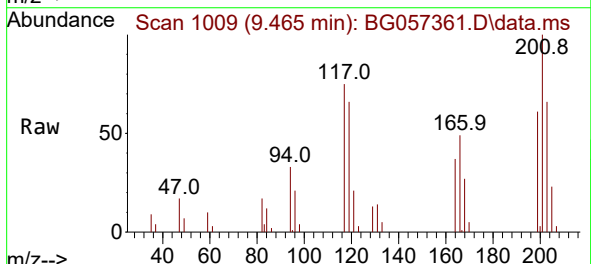
Instrument :
BNA_G
ClientSampleId :
SLCS665

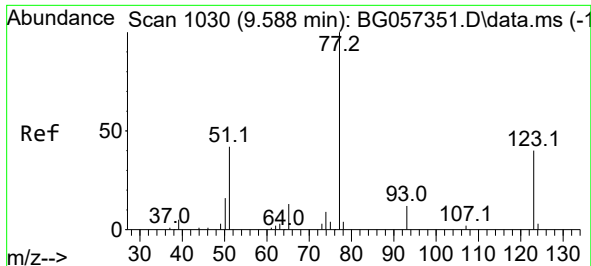
Tgt Ion:108 Resp: 42054
Ion Ratio Lower Upper
108 100
107 109.3 85.1 127.7



#19
Hexachloroethane
Concen: 27.394 ng/ul
RT: 9.465 min Scan# 1009
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion:117 Resp: 15158
Ion Ratio Lower Upper
117 100
201 132.6 109.4 164.2
199 80.2 65.4 98.2

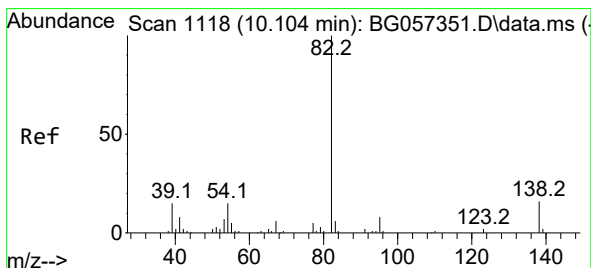
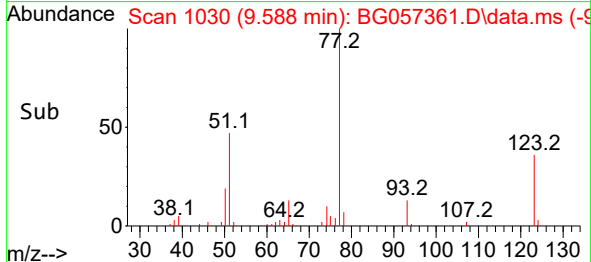
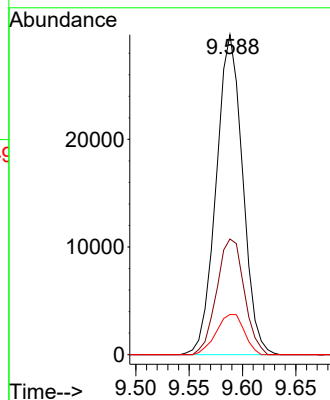
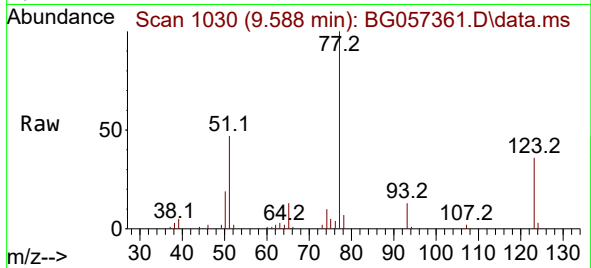




#22
Nitrobenzene
Concen: 24.835 ng/ul
RT: 9.588 min Scan# 1030
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

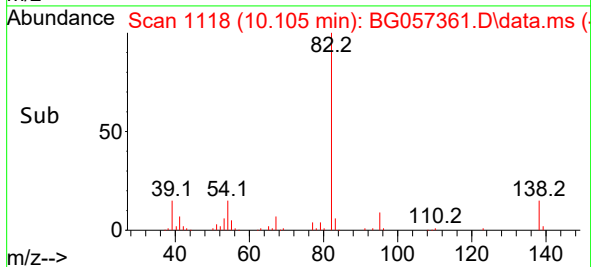
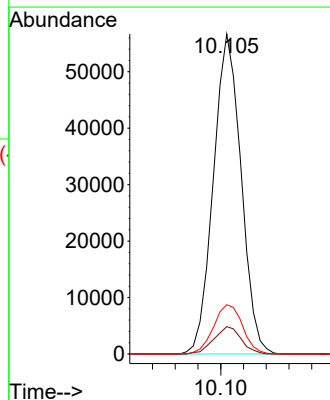
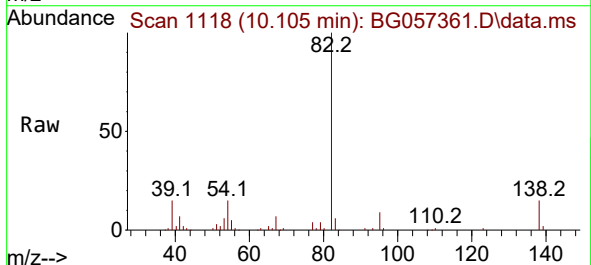
Instrument :
BNA_G
ClientSampleId :
SLCS665

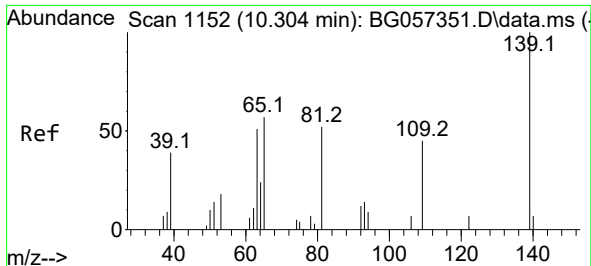
Tgt Ion: 77 Resp: 51268
Ion Ratio Lower Upper
77 100
123 36.1 29.6 44.4
65 12.5 11.4 17.0



#23
Isophorone
Concen: 24.374 ng/ul
RT: 10.105 min Scan# 1118
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion: 82 Resp: 95734
Ion Ratio Lower Upper
82 100
95 8.6 6.8 10.2
138 15.4 12.2 18.2

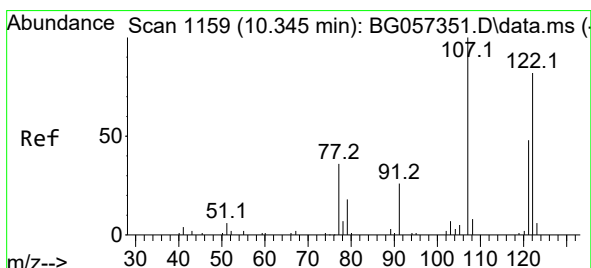
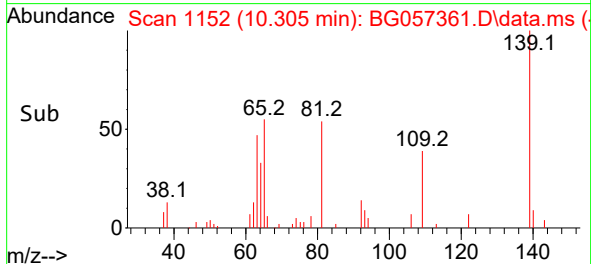
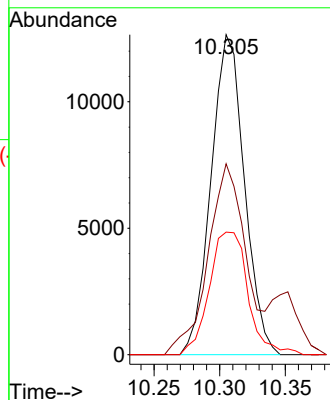
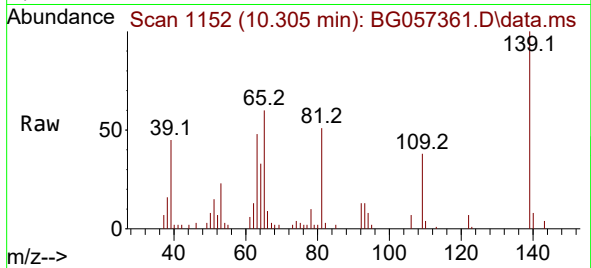




#25
2-Nitrophenol
Concen: 27.287 ng/ul
RT: 10.305 min Scan# 1152
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

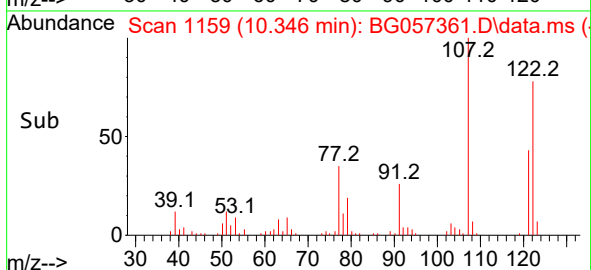
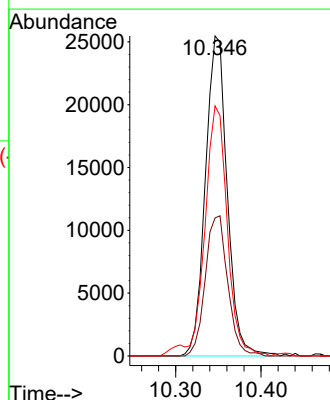
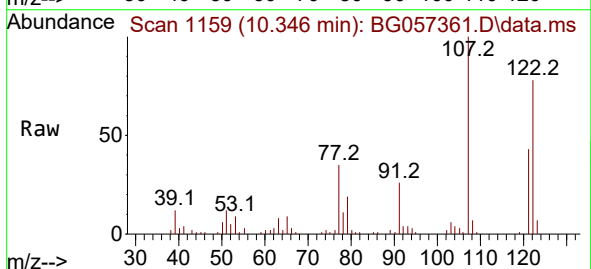
Instrument :
BNA_G
ClientSampleId :
SLCS665

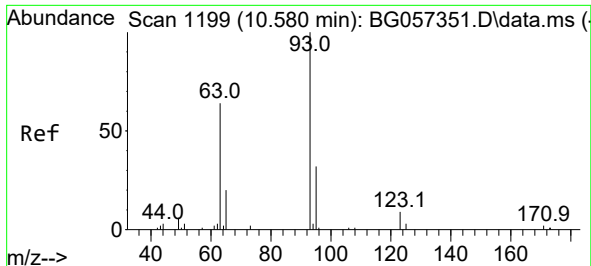
Tgt Ion:139 Resp: 22361
Ion Ratio Lower Upper
139 100
65 59.6 48.7 73.1
109 38.3 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 24.410 ng/ul
RT: 10.346 min Scan# 1159
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion:107 Resp: 45377
Ion Ratio Lower Upper
107 100
121 43.1 35.4 53.0
122 78.1 57.0 85.4





#27

Bis(2-Chloroethoxy)methane

Concen: 25.712 ng/ul

RT: 10.581 min Scan# 1199

Delta R.T. -0.008 min

Lab File: BG057361.D

Acq: 9 May 2023 20:51

Instrument :

BNA_G

ClientSampleId :

SLCS665

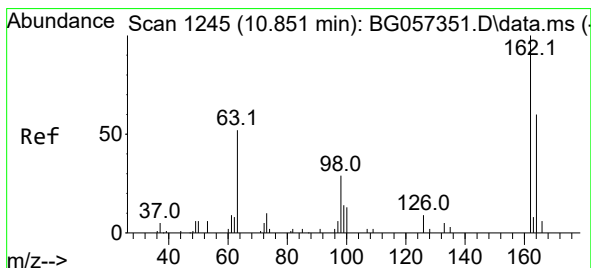
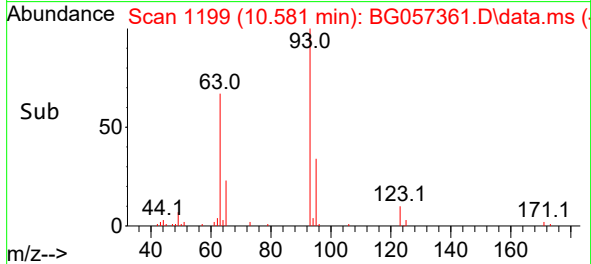
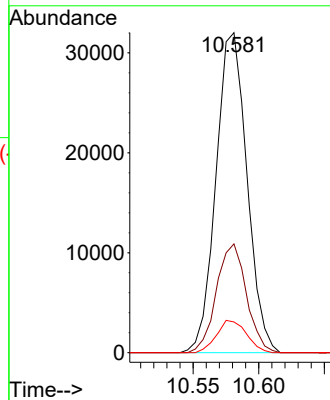
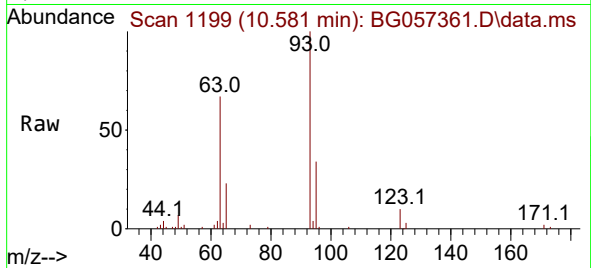
Tgt Ion: 93 Resp: 52495

Ion Ratio Lower Upper

93 100

95 34.0 24.8 37.2

123 9.6 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 28.021 ng/ul

RT: 10.845 min Scan# 1244

Delta R.T. -0.014 min

Lab File: BG057361.D

Acq: 9 May 2023 20:51

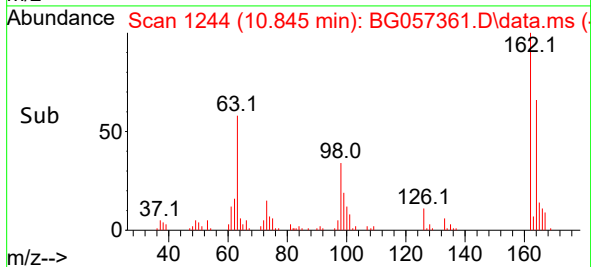
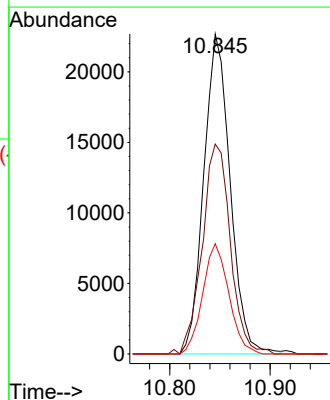
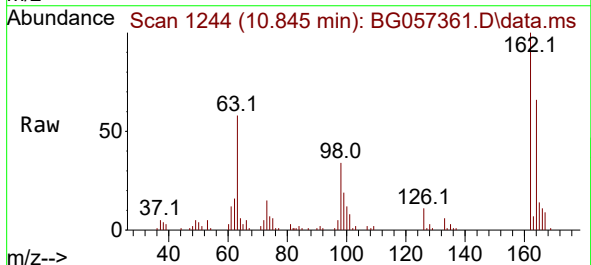
Tgt Ion:162 Resp: 41515

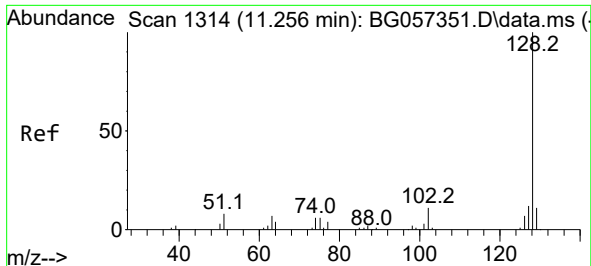
Ion Ratio Lower Upper

162 100

164 65.6 50.5 75.7

98 34.5 27.5 41.3

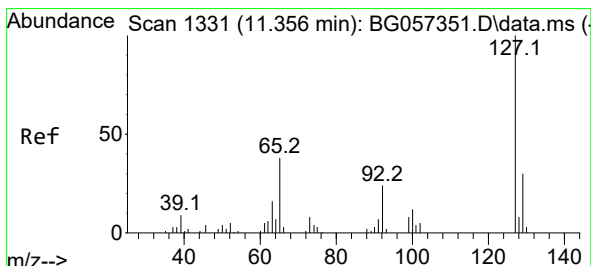
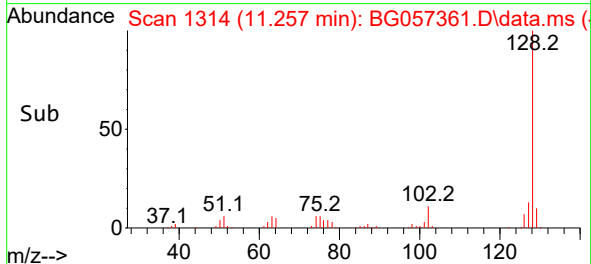
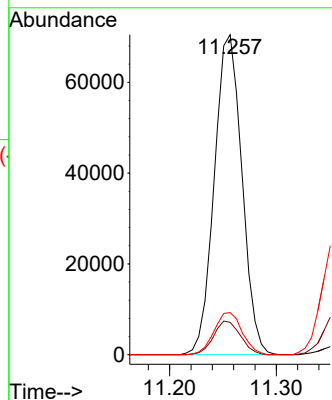
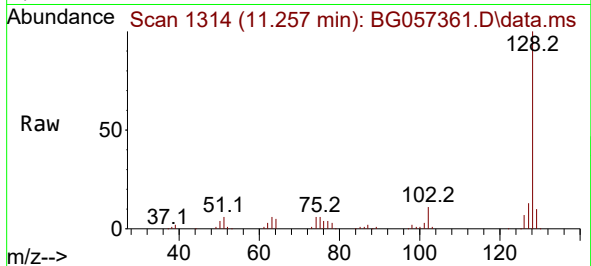




#30
Naphthalene
Concen: 26.500 ng/ul
RT: 11.257 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

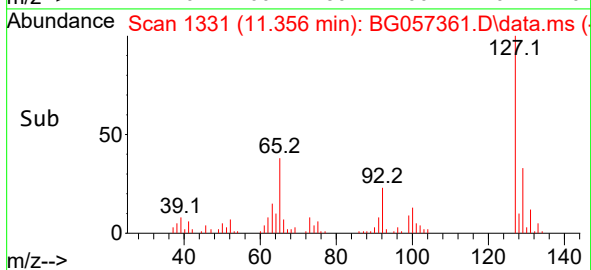
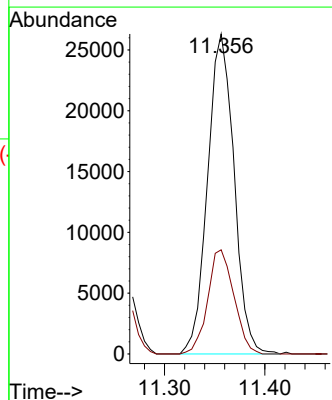
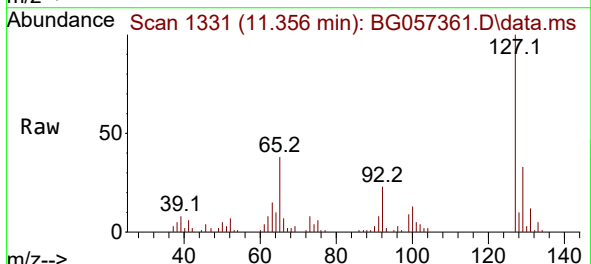
Instrument :
BNA_G
ClientSampleId :
SLCS665

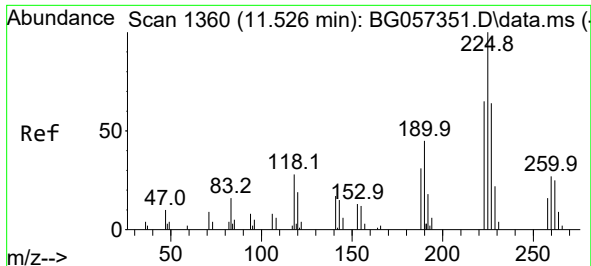
Tgt Ion:128 Resp: 126662
Ion Ratio Lower Upper
128 100
129 10.1 8.5 12.7
127 13.1 11.4 17.0



#32
4-Chloroaniline
Concen: 22.397 ng/ul
RT: 11.356 min Scan# 1331
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion:127 Resp: 48278
Ion Ratio Lower Upper
127 100
129 32.6 25.4 38.0

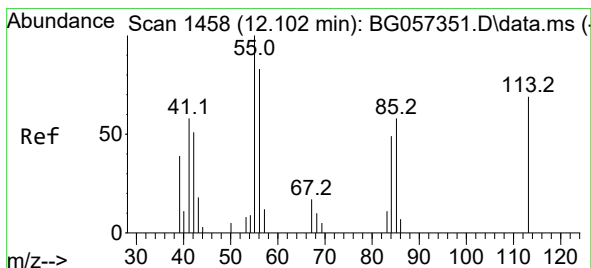
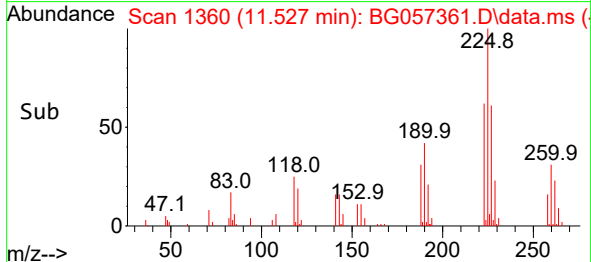
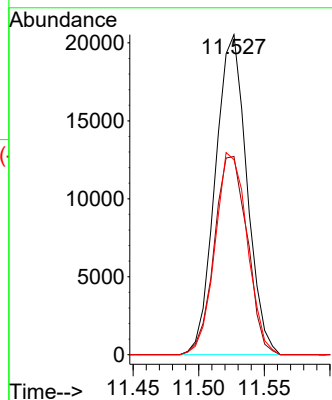
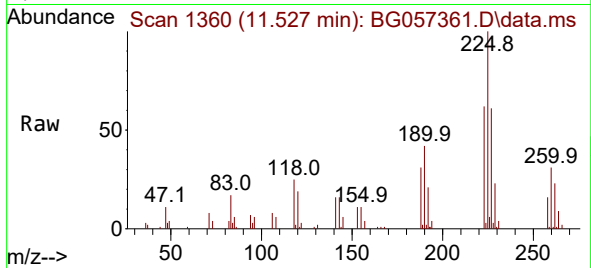




#33
Hexachlorobutadiene
Concen: 27.325 ng/ul
RT: 11.527 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

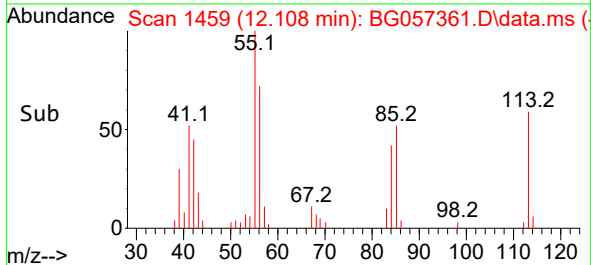
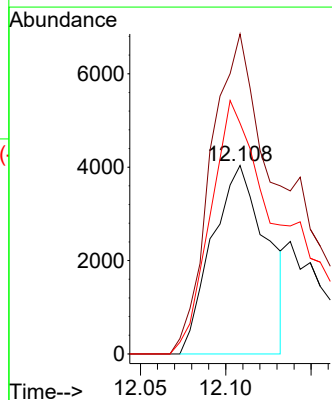
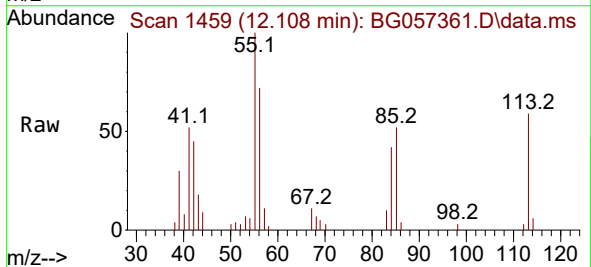
Instrument :
BNA_G
ClientSampleId :
SLCS665

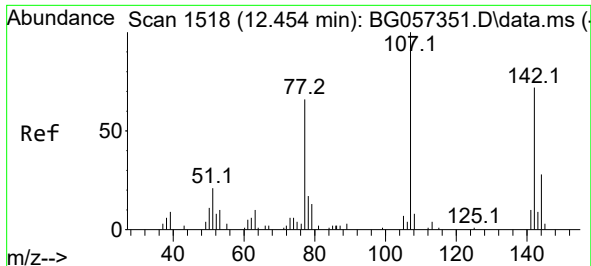
Tgt Ion:225 Resp: 34337
Ion Ratio Lower Upper
225 100
223 62.0 47.5 71.3
227 61.0 48.4 72.6



#34
Caprolactam
Concen: 17.930 ng/ul
RT: 12.108 min Scan# 1459
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion:113 Resp: 8943
Ion Ratio Lower Upper
113 100
55 169.7 123.1 184.7
56 122.3 98.7 148.1





#35

4-Chloro-3-methylphenol

Concen: 26.347 ng/ul

RT: 12.455 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG057361.D

Acq: 9 May 2023 20:51

Instrument :

BNA_G

ClientSampleId :

SLCS665

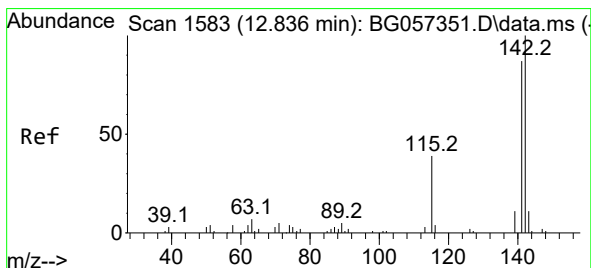
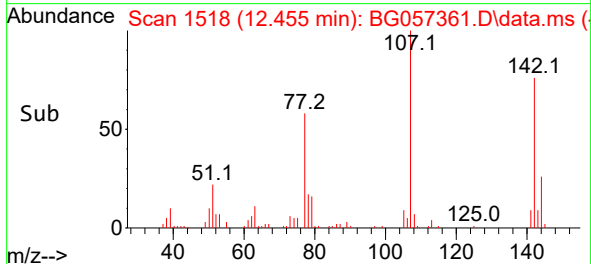
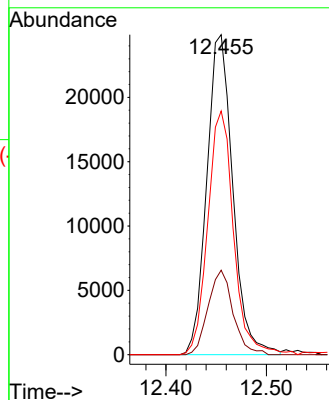
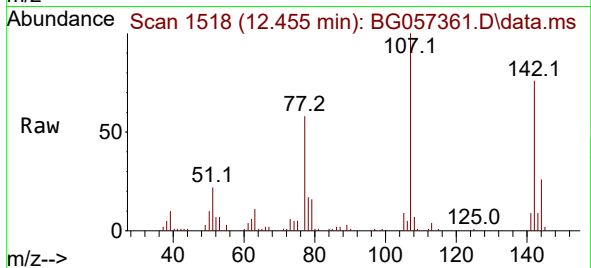
Tgt Ion:107 Resp: 44914

Ion Ratio Lower Upper

107 100

144 26.4 18.3 27.5

142 76.2 58.6 88.0



#36

2-Methylnaphthalene

Concen: 25.814 ng/ul

RT: 12.831 min Scan# 1582

Delta R.T. -0.014 min

Lab File: BG057361.D

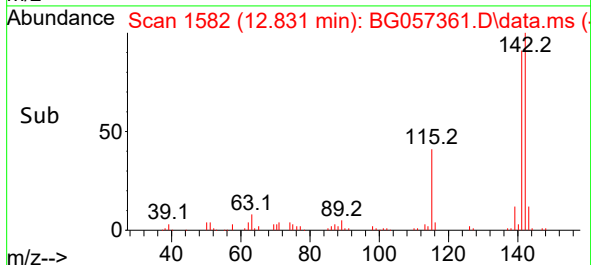
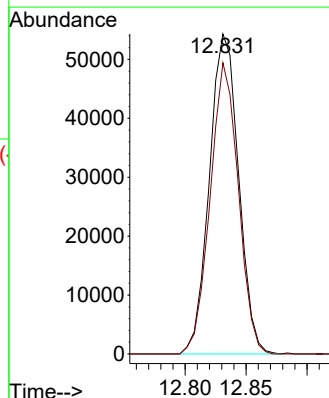
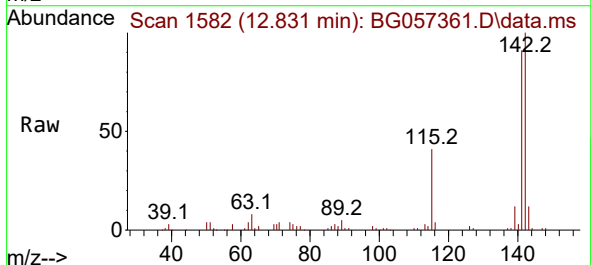
Acq: 9 May 2023 20:51

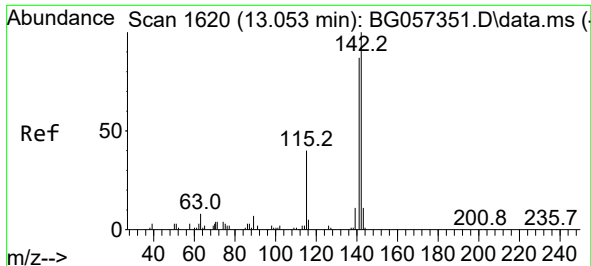
Tgt Ion:142 Resp: 90483

Ion Ratio Lower Upper

142 100

141 91.0 68.7 103.1

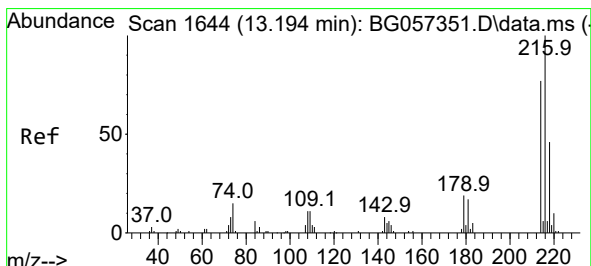
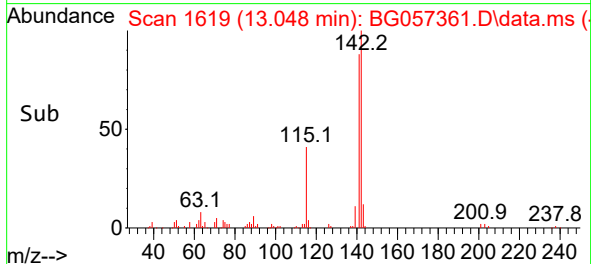
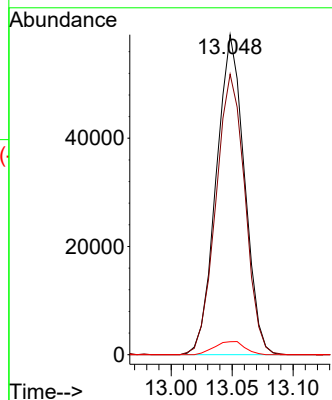
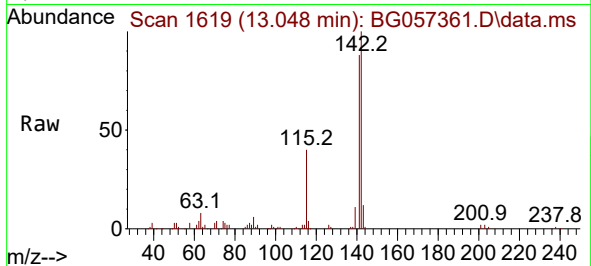




#37
1-Methylnaphthalene
Concen: 26.962 ng/ul
RT: 13.048 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

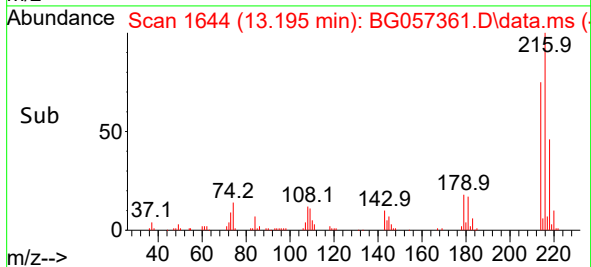
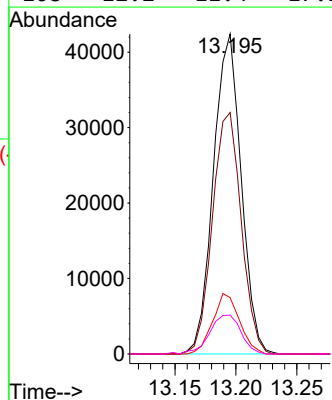
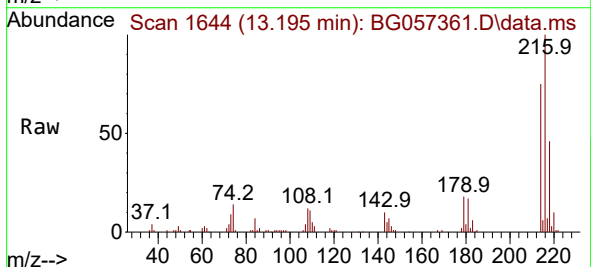
Instrument :
BNA_G
ClientSampleId :
SLCS665

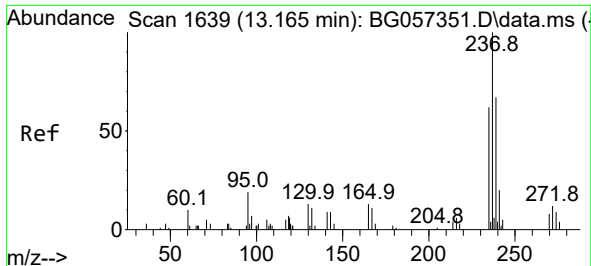
Tgt Ion:142 Resp: 95028
Ion Ratio Lower Upper
142 100
141 87.7 72.9 109.3
116 4.0 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 26.932 ng/ul
RT: 13.195 min Scan# 1644
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion:216 Resp: 67243
Ion Ratio Lower Upper
216 100
214 75.5 62.9 94.3
179 17.6 15.3 22.9
108 12.2 11.4 17.2

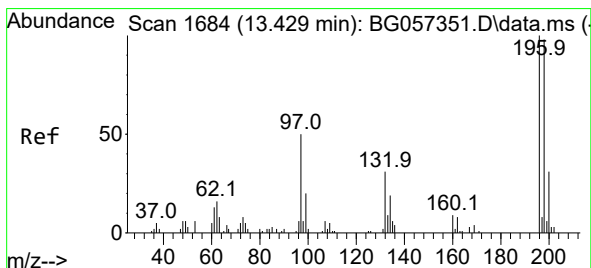
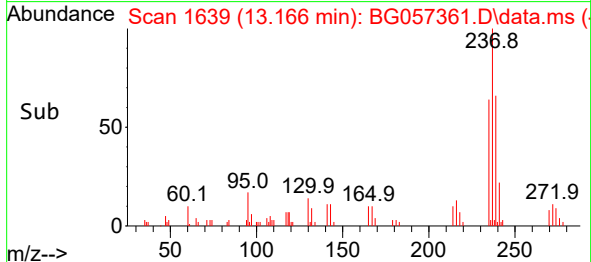
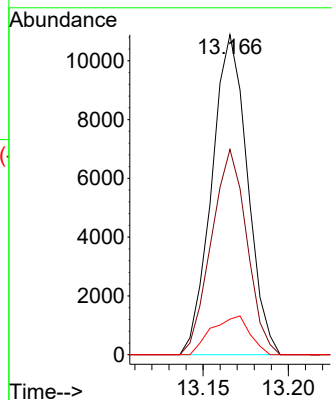
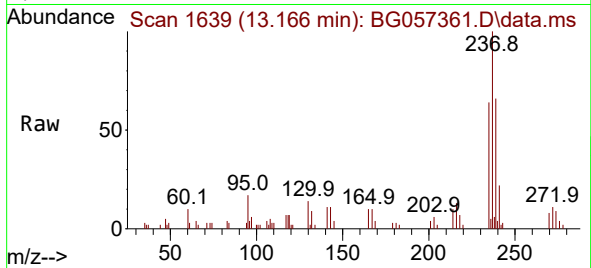




#40
Hexachlorocyclopentadiene
Concen: 12.689 ng/ul
RT: 13.166 min Scan# 1639
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

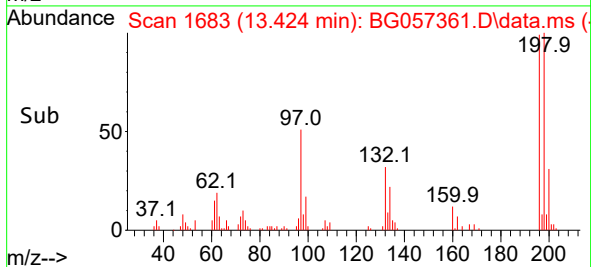
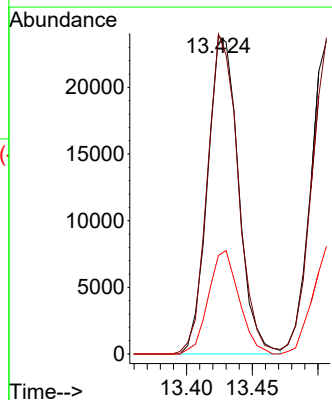
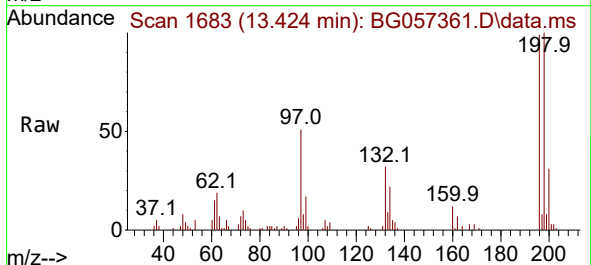
Instrument :
BNA_G
ClientSampleId :
SLCS665

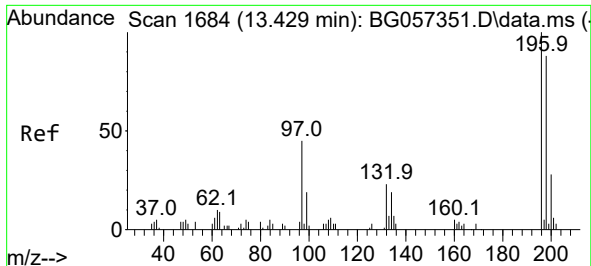
Tgt Ion:237 Resp: 15810
Ion Ratio Lower Upper
237 100
235 64.1 51.4 77.0
272 11.1 9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 26.826 ng/ul
RT: 13.424 min Scan# 1683
Delta R.T. -0.014 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion:196 Resp: 39008
Ion Ratio Lower Upper
196 100
198 100.7 83.8 125.8
200 31.0 26.6 40.0





#42

2,4,5-Trichlorophenol

Concen: 26.483 ng/ul

RT: 13.506 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG057361.D

Acq: 9 May 2023 20:51

Instrument :

BNA_G

ClientSampleId :

SLCS665

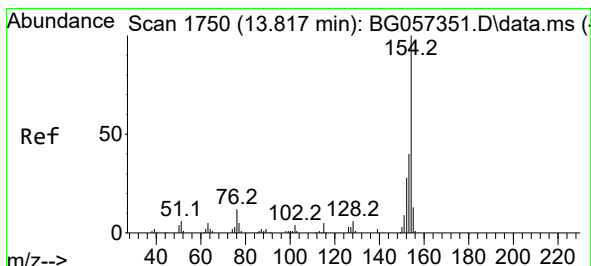
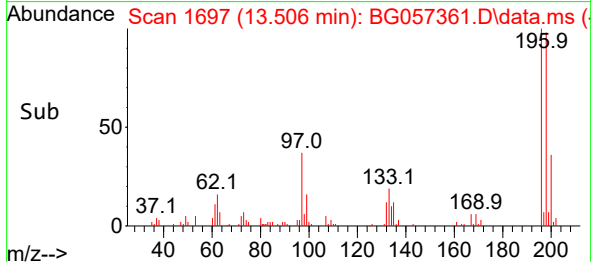
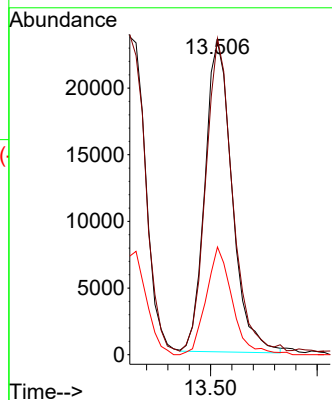
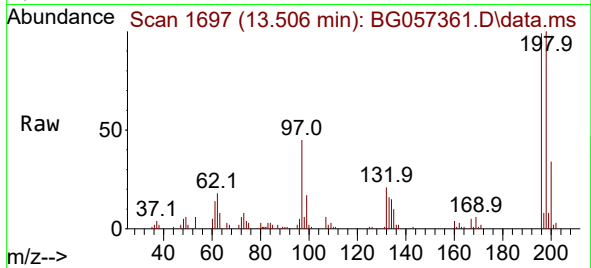
Tgt Ion:196 Resp: 41346

Ion Ratio Lower Upper

196 100

198 101.0 85.7 128.5

200 34.4 29.9 44.9



#43

1,1'-Biphenyl

Concen: 25.860 ng/ul

RT: 13.818 min Scan# 1750

Delta R.T. -0.008 min

Lab File: BG057361.D

Acq: 9 May 2023 20:51

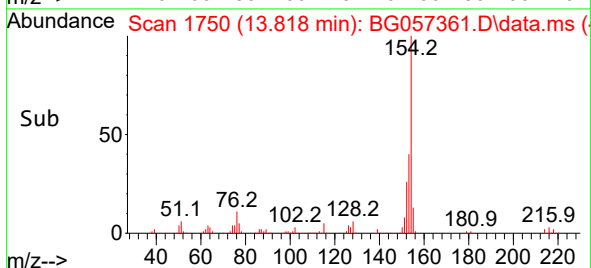
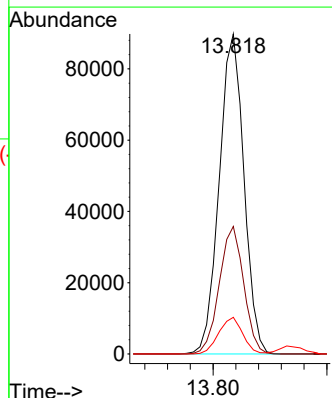
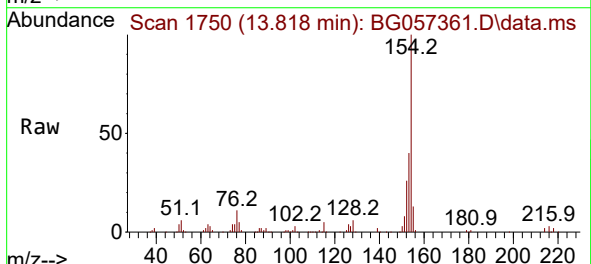
Tgt Ion:154 Resp: 135571

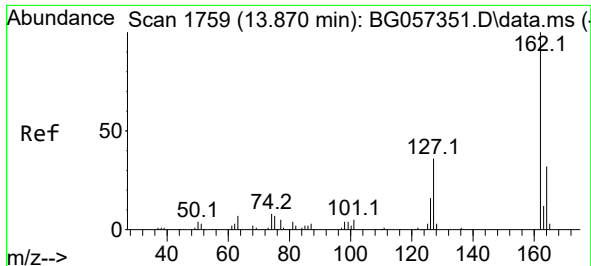
Ion Ratio Lower Upper

154 100

153 39.9 31.6 47.4

76 11.4 8.0 12.0

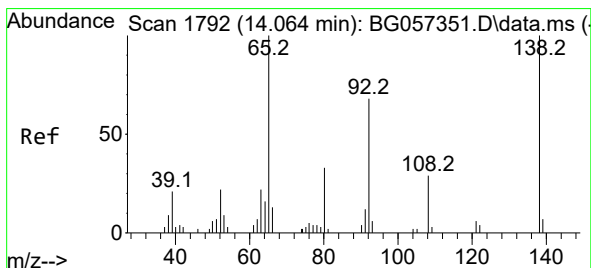
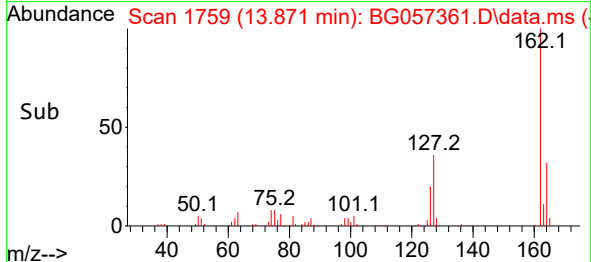
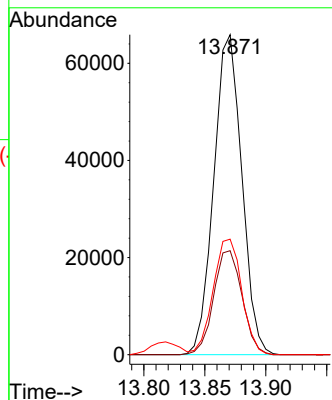
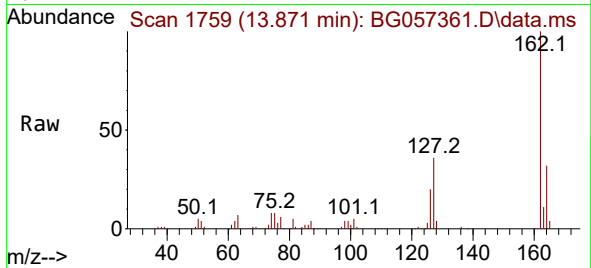




#44
2-Chloronaphthalene
Concen: 25.925 ng/ul
RT: 13.871 min Scan# 1759
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

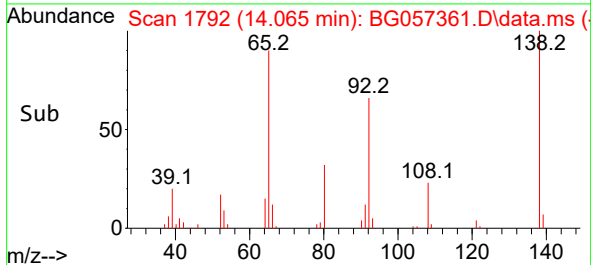
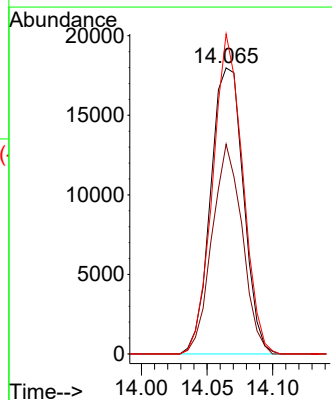
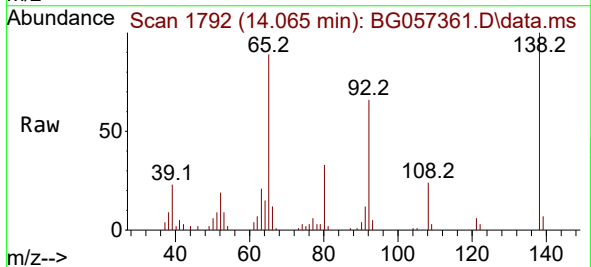
Instrument :
BNA_G
ClientSampleId :
SLCS665

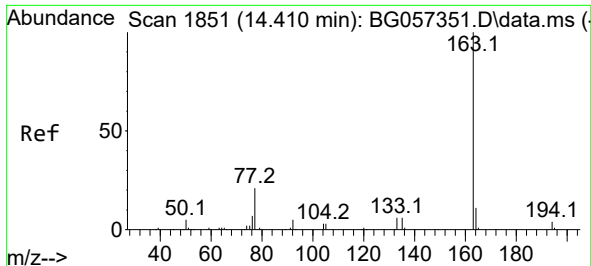
Tgt Ion:162 Resp: 105380
Ion Ratio Lower Upper
162 100
164 32.5 26.2 39.4
127 36.1 29.4 44.2



#45
2-Nitroaniline
Concen: 25.487 ng/ul
RT: 14.065 min Scan# 1792
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion: 65 Resp: 31275
Ion Ratio Lower Upper
65 100
92 73.3 51.8 77.6
138 111.9 71.9 107.9#

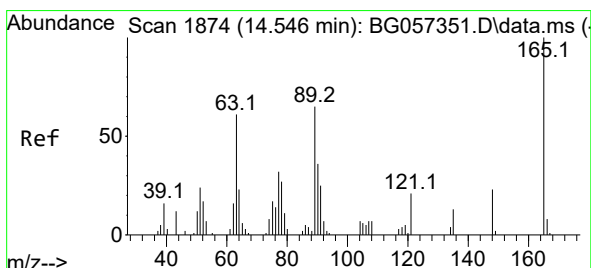
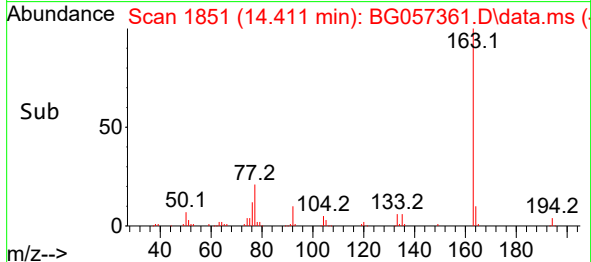
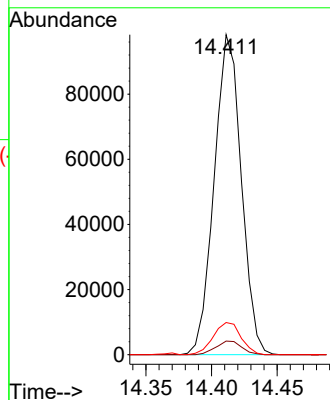
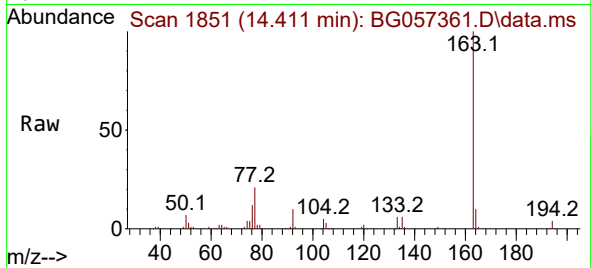




#47
Dimethylphthalate
Concen: 25.772 ng/ul
RT: 14.411 min Scan# 1851
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

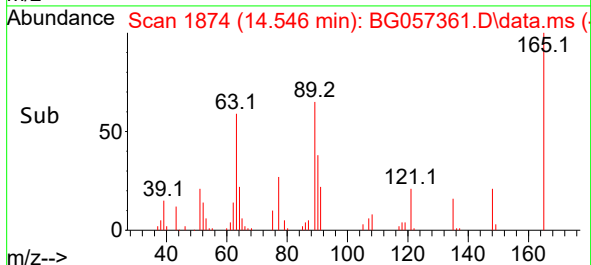
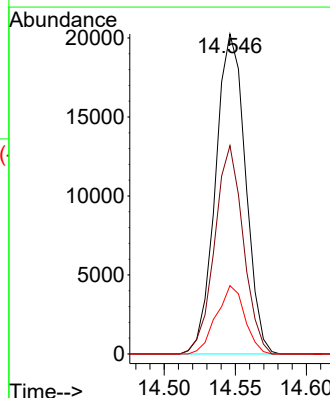
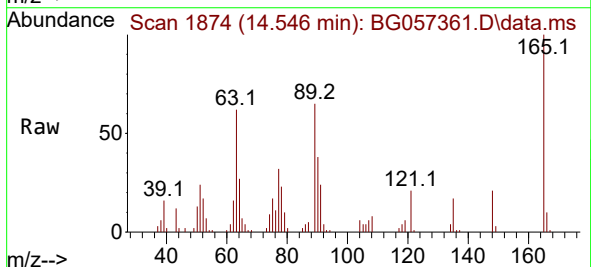
Instrument :
BNA_G
ClientSampleId :
SLCS665

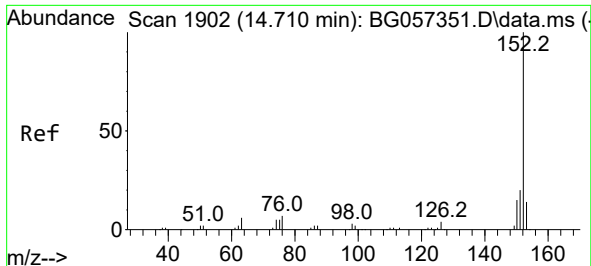
Tgt Ion:163 Resp: 140894
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.1 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 26.402 ng/ul
RT: 14.546 min Scan# 1874
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

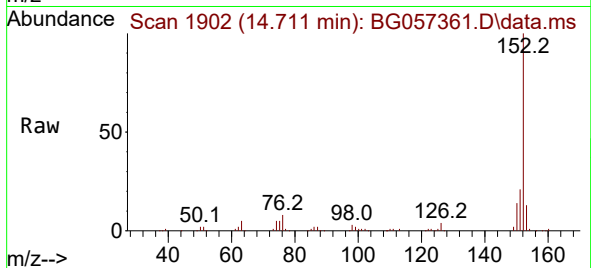
Tgt Ion:165 Resp: 29704
Ion Ratio Lower Upper
165 100
89 65.1 50.6 76.0
121 21.3 16.8 25.2



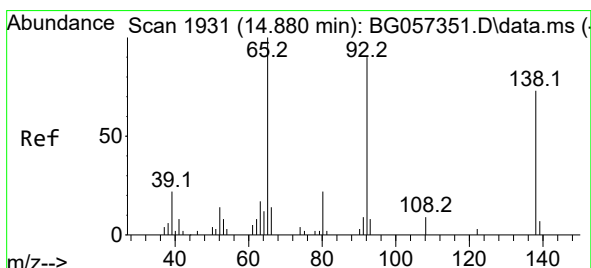
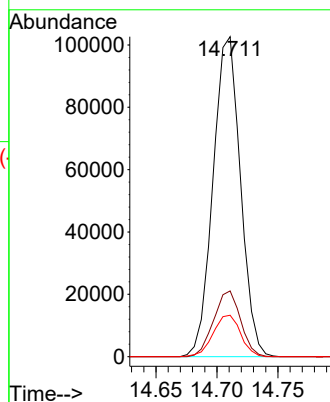
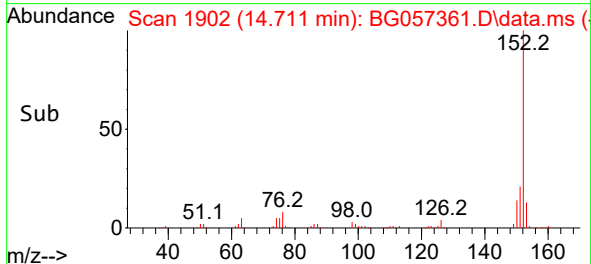


#50
Acenaphthylene
Concen: 25.794 ng/ul
RT: 14.711 min Scan# 1902
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Instrument :
BNA_G
ClientSampleId :
SLCS665

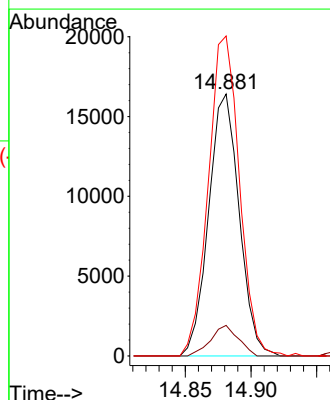
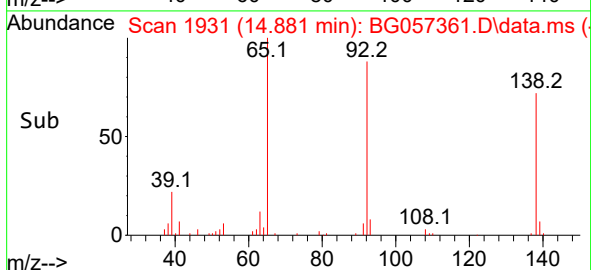
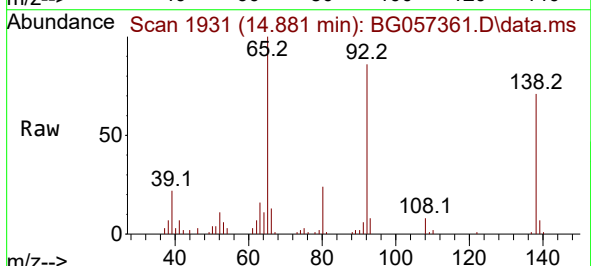


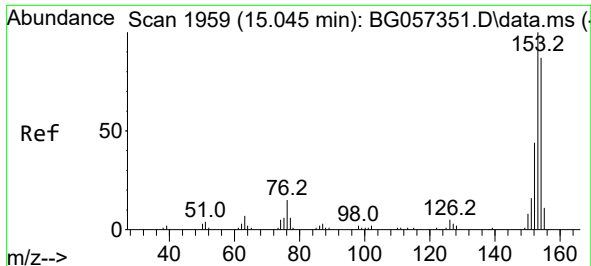
Tgt Ion:152 Resp: 160379
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.0 10.1 15.1



#51
3-Nitroaniline
Concen: 33.344 ng/ul
RT: 14.881 min Scan# 1931
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion:138 Resp: 26581
Ion Ratio Lower Upper
138 100
108 11.7 9.2 13.8
92 122.2 99.5 149.3

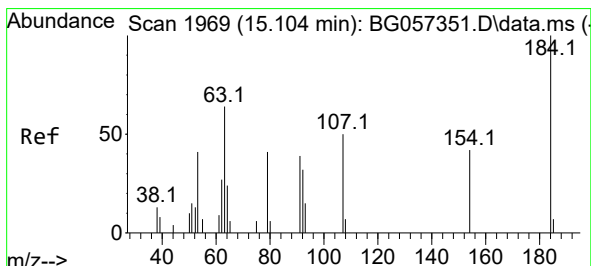
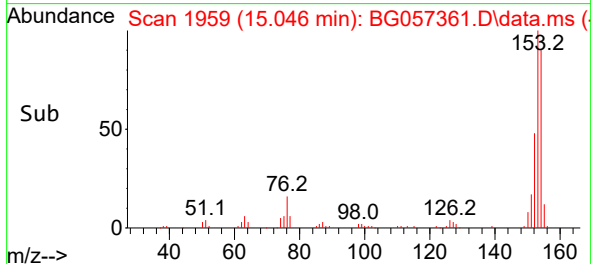
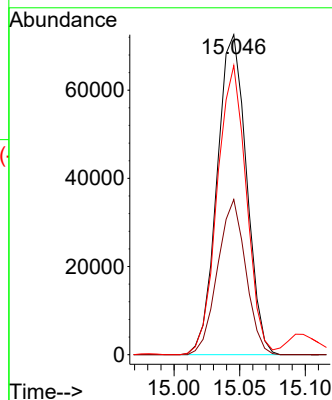
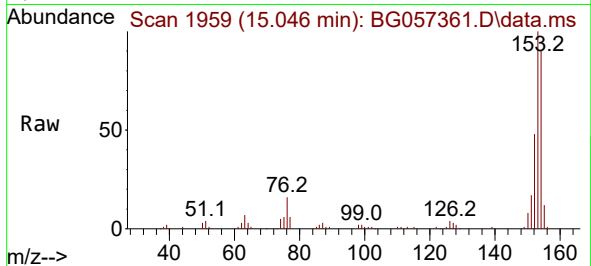




#52
Acenaphthene
Concen: 25.541 ng/ul
RT: 15.046 min Scan# 1959
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

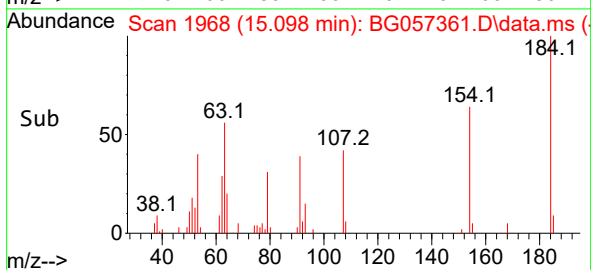
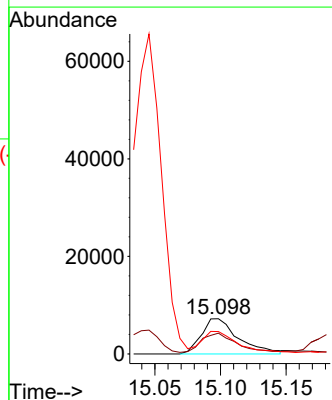
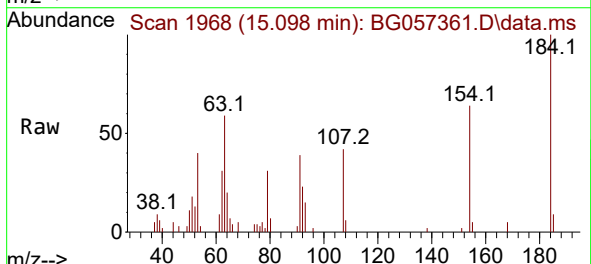
Instrument :
BNA_G
ClientSampleId :
SLCS665

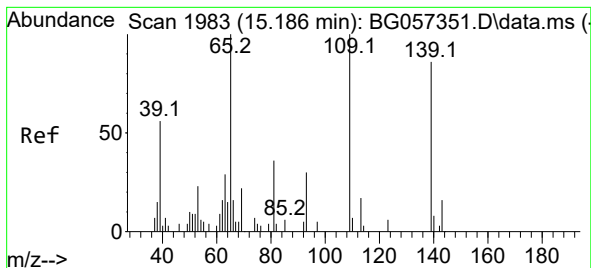
Tgt Ion:153 Resp: 113149
Ion Ratio Lower Upper
153 100
152 48.5 36.5 54.7
154 90.4 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 23.694 ng/ul
RT: 15.098 min Scan# 1968
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion:184 Resp: 14196
Ion Ratio Lower Upper
184 100
63 59.3 48.3 72.5
154 63.7 50.0 75.0

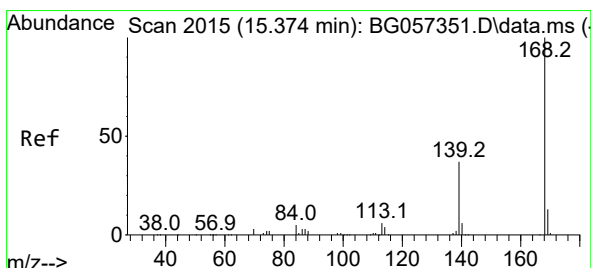
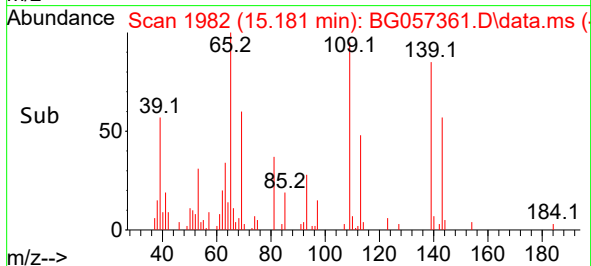
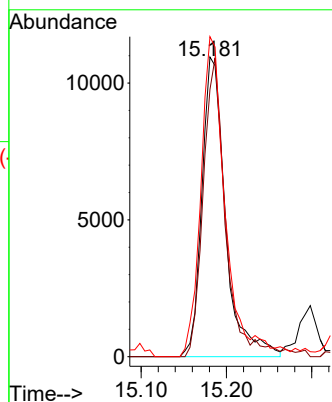
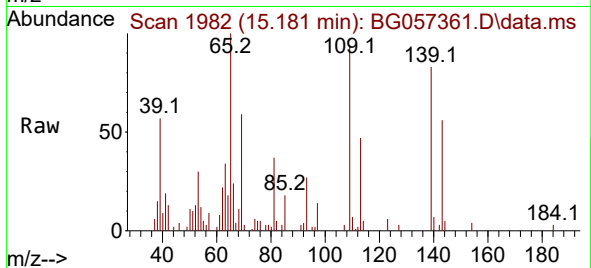




#55
4-Nitrophenol
Concen: 23.420 ng/ul
RT: 15.181 min Scan# 1983
Delta R.T. -0.014 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

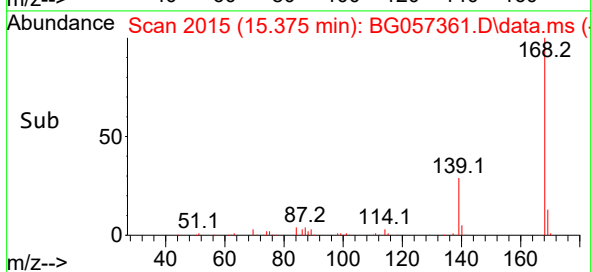
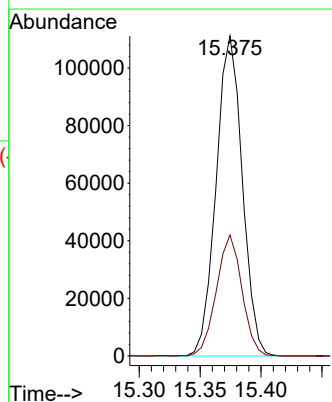
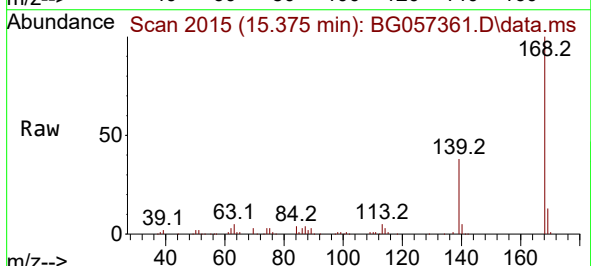
Instrument :
BNA_G
ClientSampleId :
SLCS665

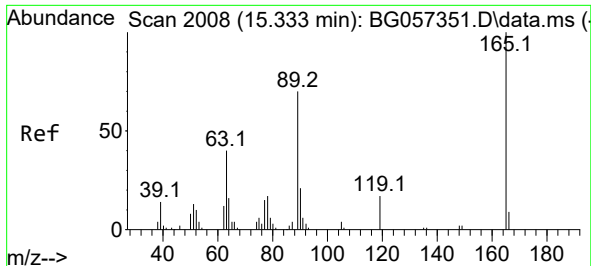
Tgt Ion:109 Resp: 21038
Ion Ratio Lower Upper
109 100
139 89.2 73.8 110.8
65 106.8 81.7 122.5



#56
Dibenzofuran
Concen: 25.941 ng/ul
RT: 15.375 min Scan# 2015
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion:168 Resp: 165952
Ion Ratio Lower Upper
168 100
139 37.8 29.6 44.4





#57

2,4-Dinitrotoluene

Concen: 28.162 ng/ul

RT: 15.333 min Scan# 2008

Delta R.T. -0.008 min

Lab File: BG057361.D

Acq: 9 May 2023 20:51

Instrument :

BNA_G

ClientSampleId :

SLCS665

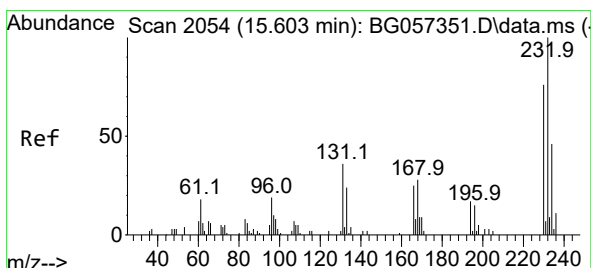
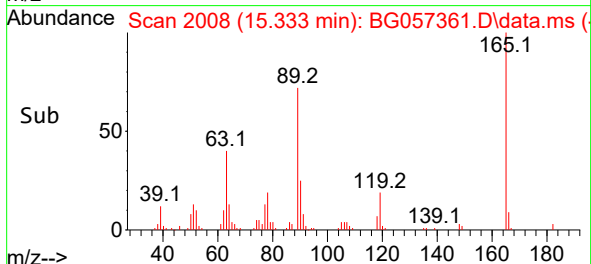
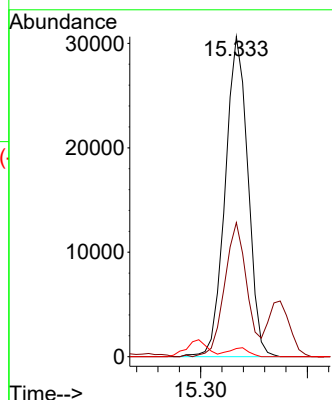
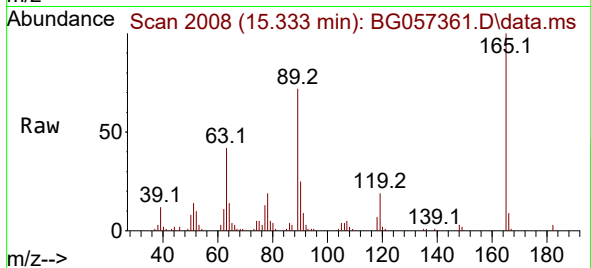
Tgt Ion:165 Resp: 45357

Ion Ratio Lower Upper

165 100

63 41.9 35.9 53.9

182 2.6 1.9 2.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.215 ng/ul

RT: 15.598 min Scan# 2053

Delta R.T. -0.014 min

Lab File: BG057361.D

Acq: 9 May 2023 20:51

Tgt Ion:232 Resp: 38607

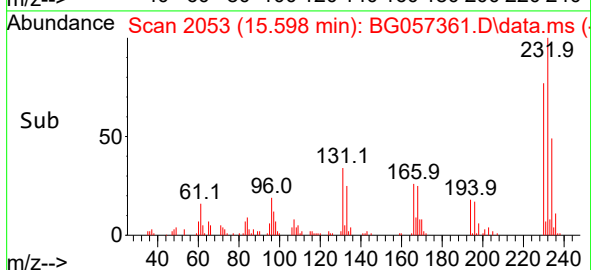
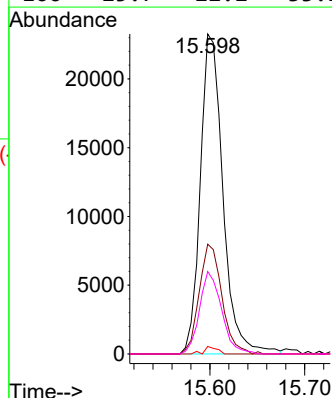
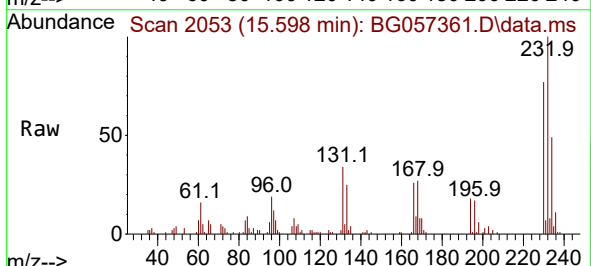
Ion Ratio Lower Upper

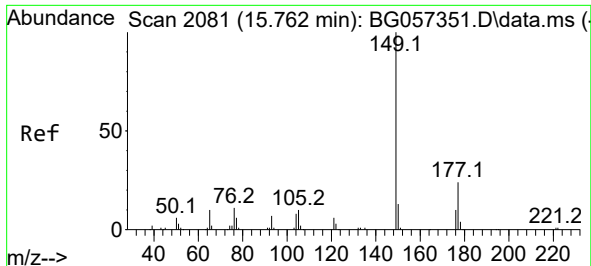
232 100

131 34.3 28.6 43.0

130 2.4 1.8 2.6

166 25.7 22.2 33.2

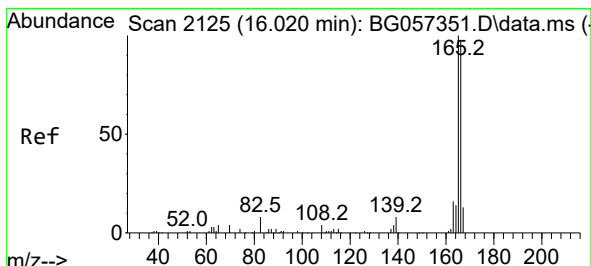
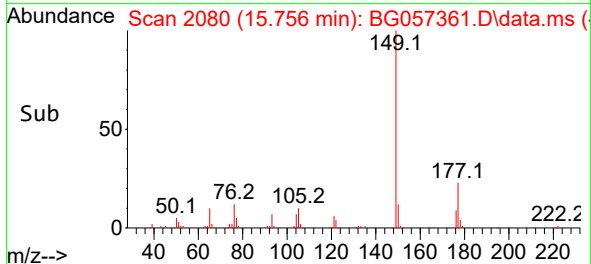
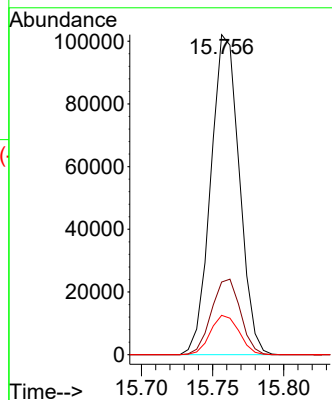
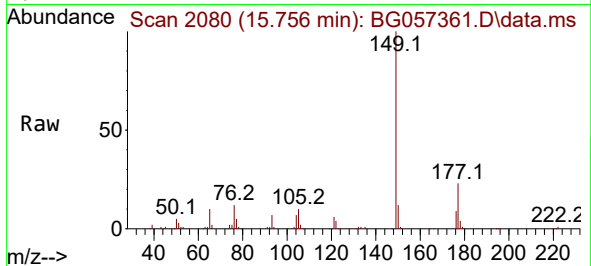




#59
Diethylphthalate
Concen: 25.682 ng/ul
RT: 15.756 min Scan# 2080
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

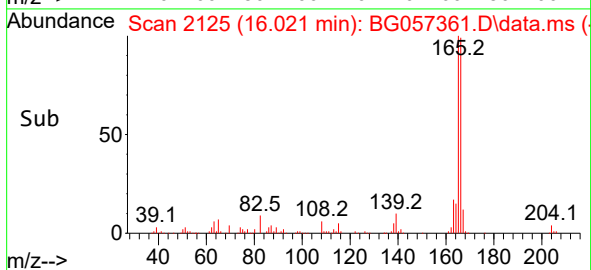
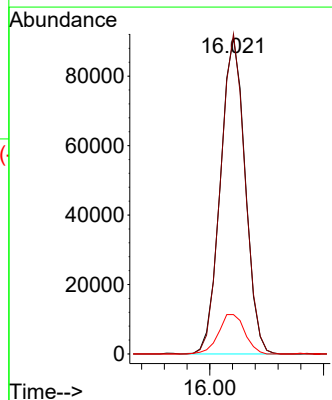
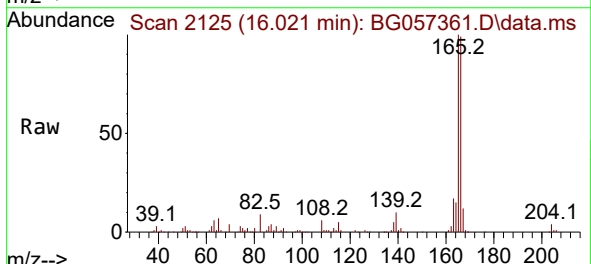
Instrument :
BNA_G
ClientSampleId :
SLCS665

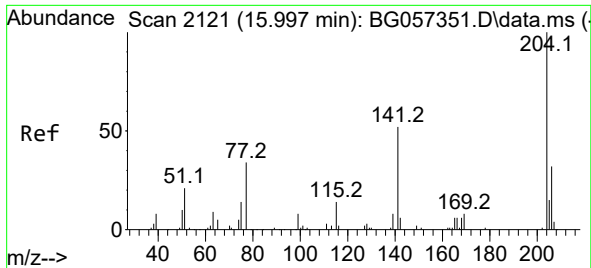
Tgt Ion:149 Resp: 142643
Ion Ratio Lower Upper
149 100
177 22.7 18.6 28.0
150 12.3 9.8 14.8



#61
Fluorene
Concen: 25.461 ng/ul
RT: 16.021 min Scan# 2125
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion:166 Resp: 137733
Ion Ratio Lower Upper
166 100
165 101.2 80.1 120.1
167 12.4 10.2 15.4

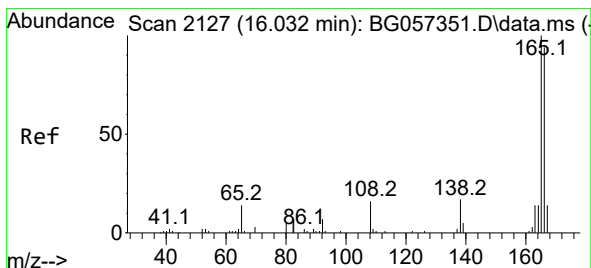
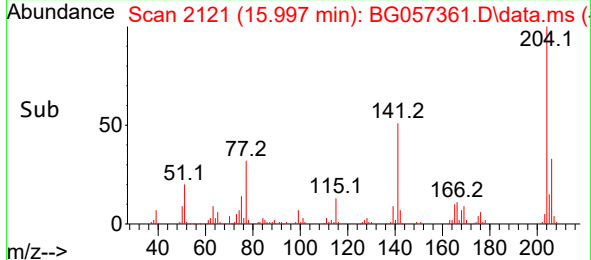
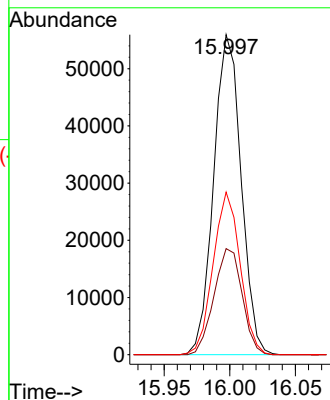
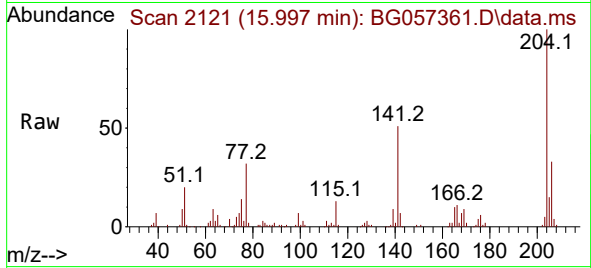




#62
4-Chlorophenyl-phenylether
Concen: 25.751 ng/ul
RT: 15.997 min Scan# 2121
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

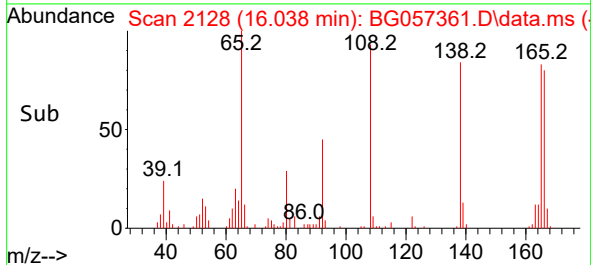
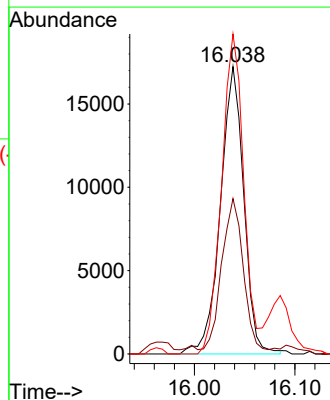
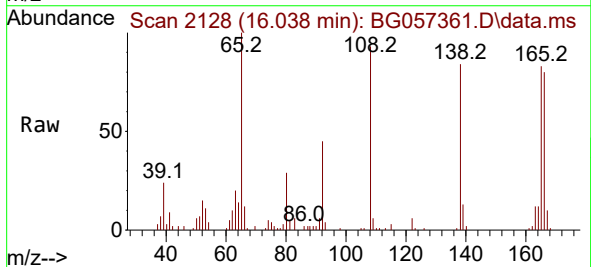
Instrument :
BNA_G
ClientSampleId :
SLCS665

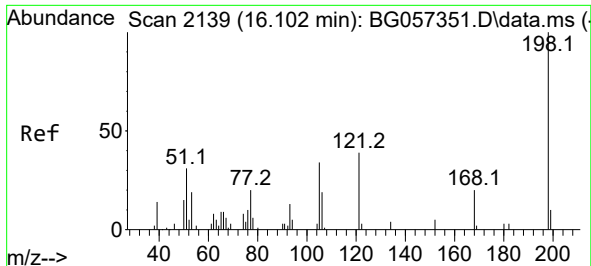
Tgt Ion:204 Resp: 81305
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 50.8 41.5 62.3



#63
4-Nitroaniline
Concen: 36.890 ng/ul
RT: 16.038 min Scan# 2128
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion:138 Resp: 27849
Ion Ratio Lower Upper
138 100
92 54.1 39.9 59.9
108 111.4 89.1 133.7

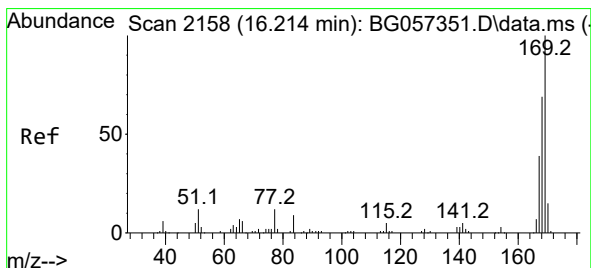
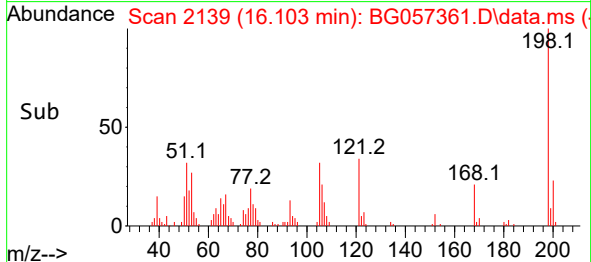
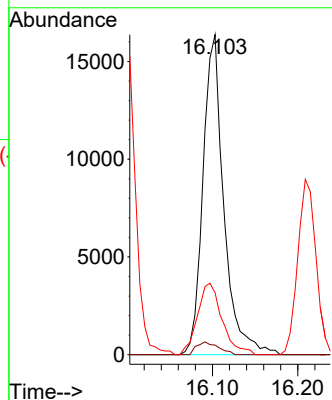
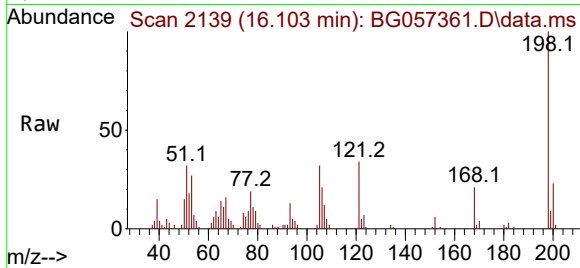




#66
 4,6-Dinitro-2-methylphenol
 Concen: 26.969 ng/ul
 RT: 16.103 min Scan# 2139
 Delta R.T. -0.008 min
 Lab File: BG057361.D
 Acq: 9 May 2023 20:51

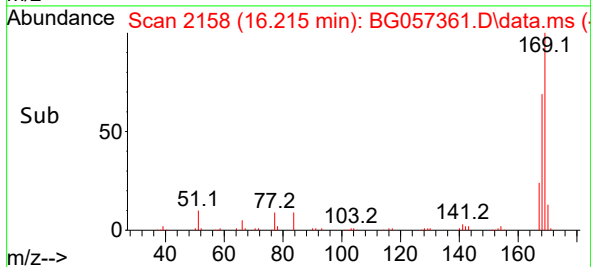
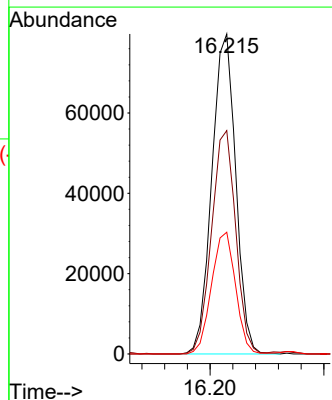
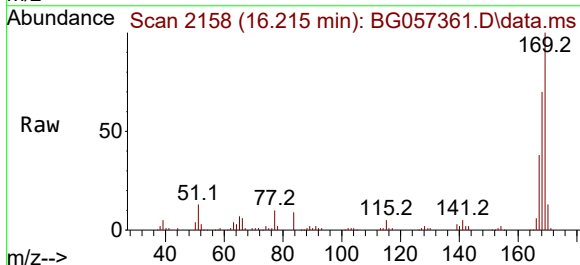
Instrument :
 BNA_G
 ClientSampleId :
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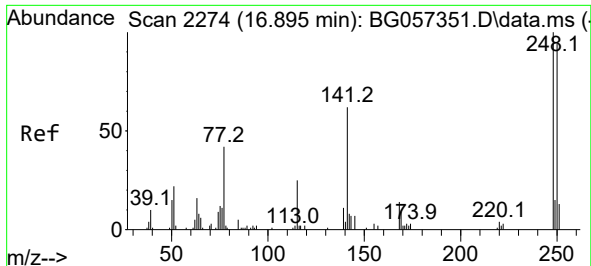
Tgt Ion:198 Resp: 27823
 Ion Ratio Lower Upper
 198 100
 182 3.0 3.0 4.6#
 77 19.3 20.1 30.1#



#67
 N-Nitrosodiphenylamine
 Concen: 26.009 ng/ul
 RT: 16.215 min Scan# 2158
 Delta R.T. -0.008 min
 Lab File: BG057361.D
 Acq: 9 May 2023 20:51

Tgt Ion:169 Resp: 116095
 Ion Ratio Lower Upper
 169 100
 168 69.8 55.4 83.2
 167 38.1 31.0 46.4

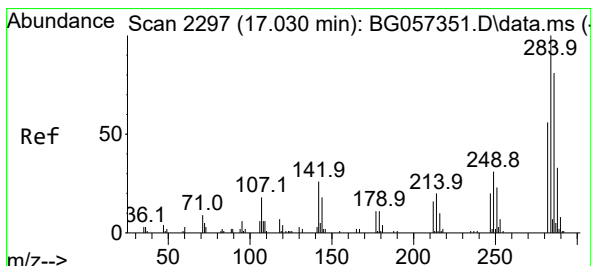
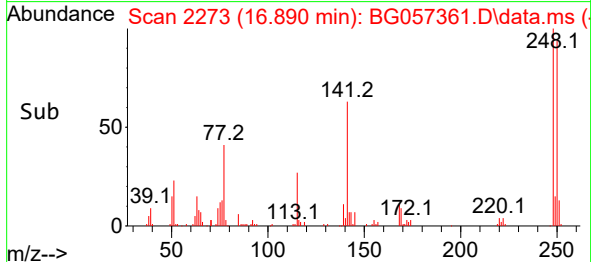
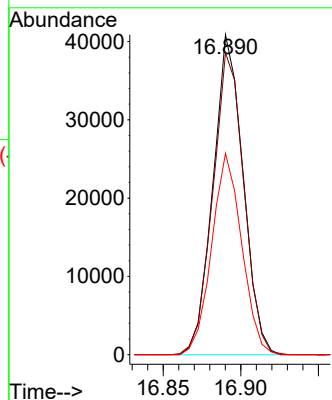
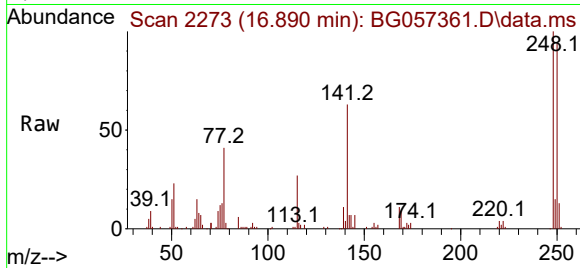




#68
4-Bromophenyl-phenylether
Concen: 26.959 ng/ul
RT: 16.890 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

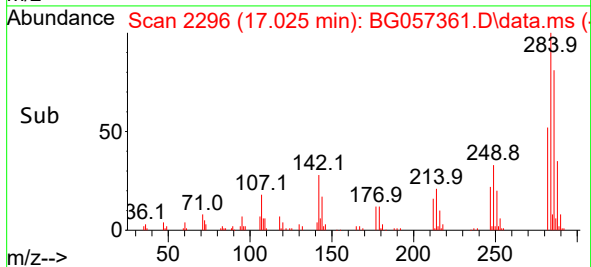
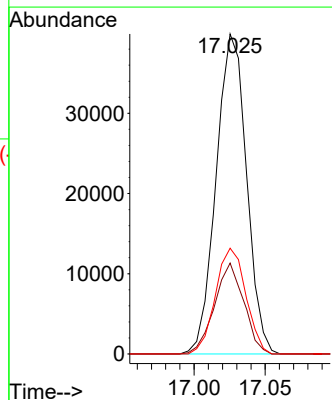
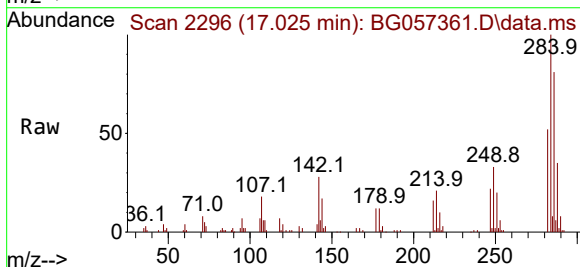
Instrument :
BNA_G
ClientSampleId :
SLCS665

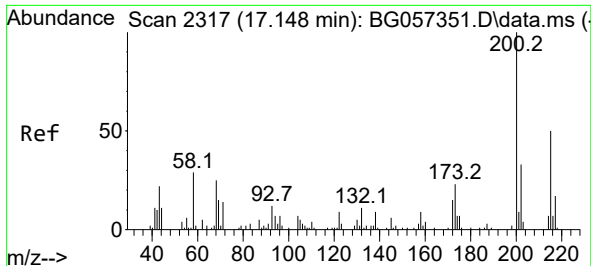
Tgt Ion:248 Resp: 55060
Ion Ratio Lower Upper
248 100
250 94.3 74.8 112.2
141 62.9 47.8 71.6



#69
Hexachlorobenzene
Concen: 27.587 ng/ul
RT: 17.025 min Scan# 2296
Delta R.T. -0.014 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion:284 Resp: 59332
Ion Ratio Lower Upper
284 100
142 28.4 22.6 33.8
249 33.1 26.2 39.2

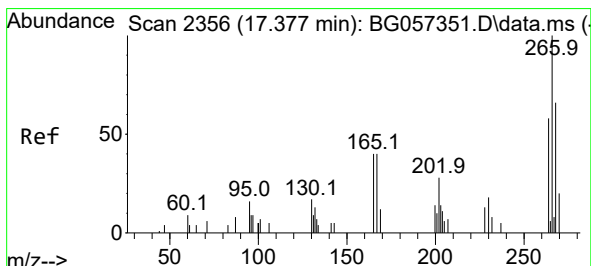
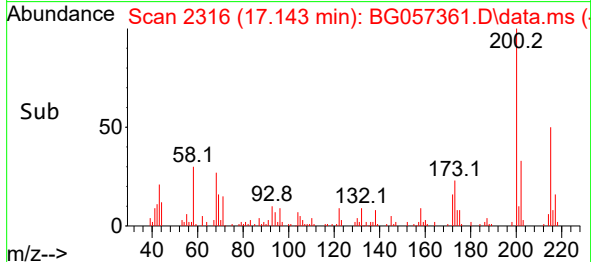
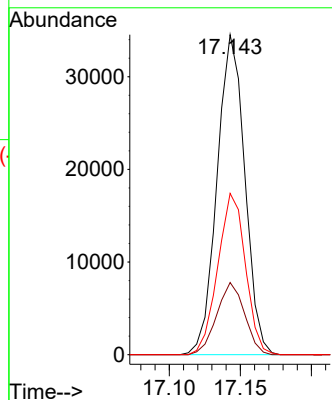
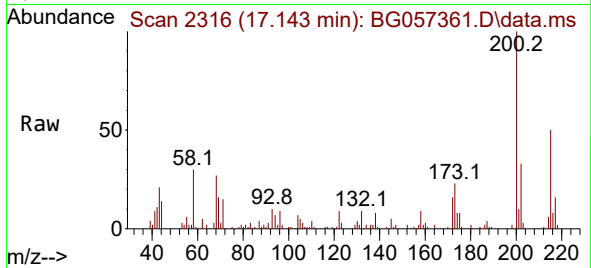




#70
Atrazine
Concen: 23.624 ng/ul
RT: 17.143 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

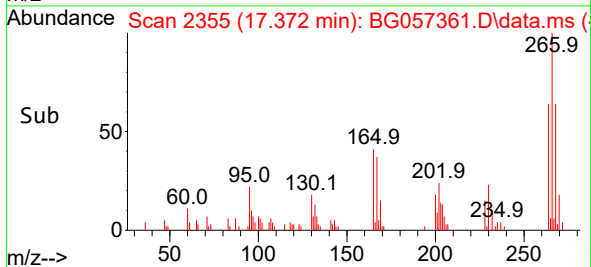
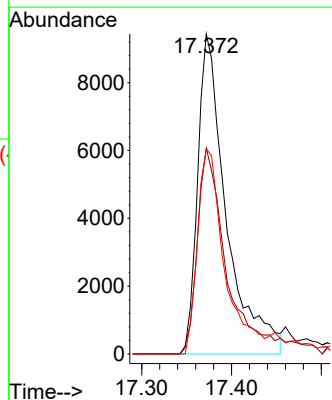
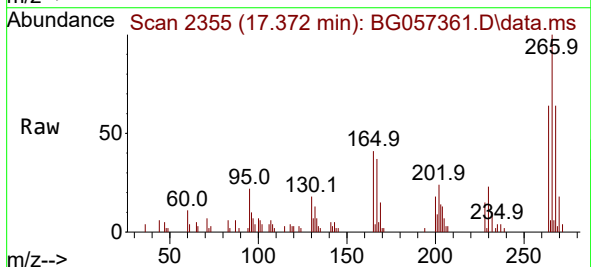
Instrument :
BNA_G
ClientSampleId :
SLCS665

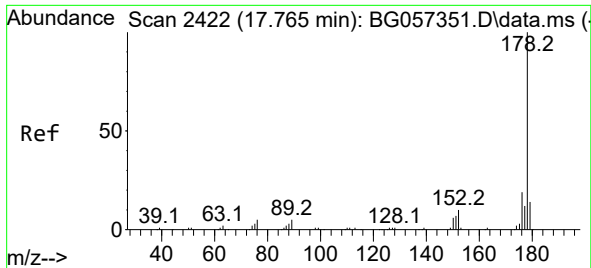
Tgt Ion:200 Resp: 46866
Ion Ratio Lower Upper
200 100
173 22.6 17.8 26.6
215 50.4 40.3 60.5



#71
Pentachlorophenol
Concen: 20.976 ng/ul
RT: 17.372 min Scan# 2355
Delta R.T. -0.014 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion:266 Resp: 20853
Ion Ratio Lower Upper
266 100
264 64.3 47.8 71.6
268 64.1 48.2 72.4

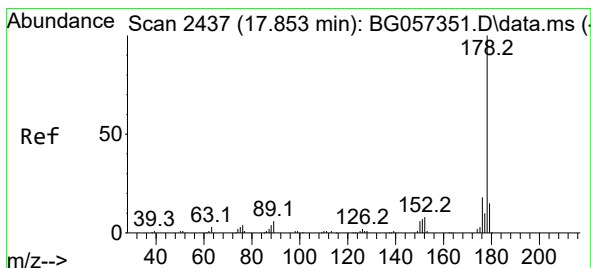
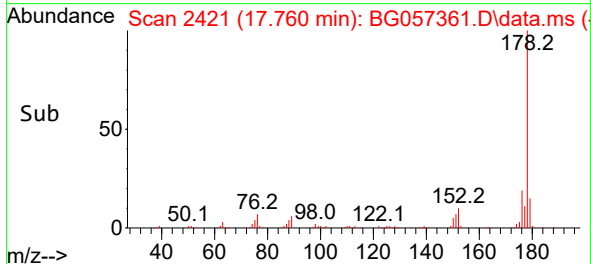
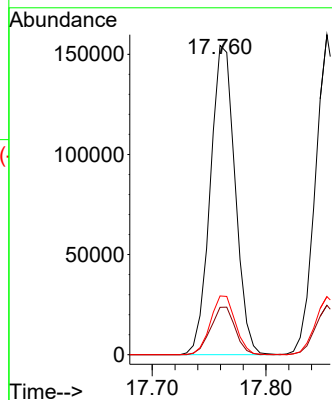
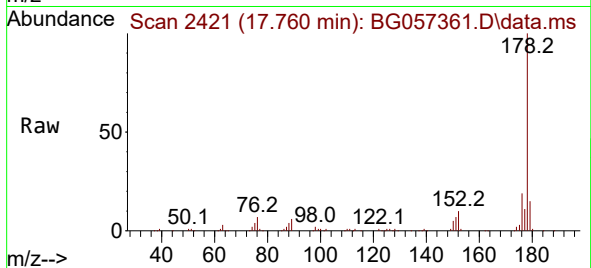




#72
Phenanthrene
Concen: 26.344 ng/ul
RT: 17.760 min Scan# 2422
Delta R.T. -0.014 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

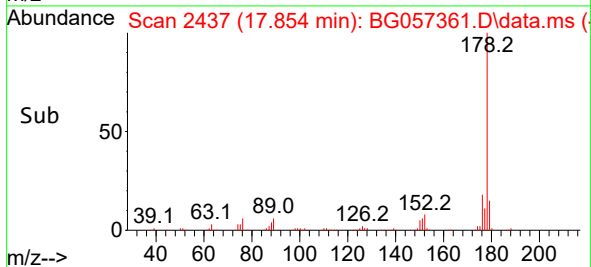
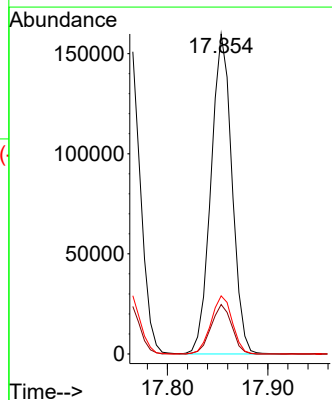
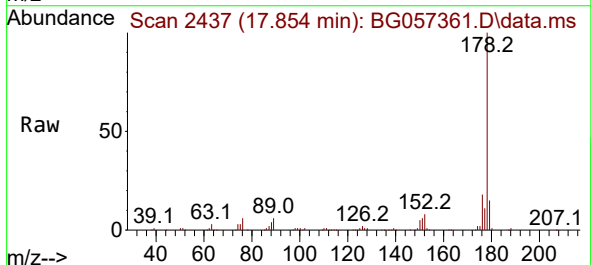
Instrument :
BNA_G
ClientSampleId :
SLCS665

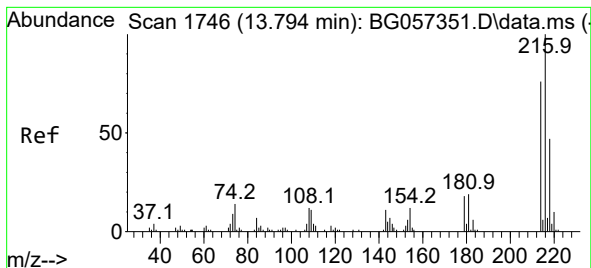
Tgt Ion:178 Resp: 234425
Ion Ratio Lower Upper
178 100
179 15.3 11.8 17.8
176 19.0 15.4 23.0



#74
Anthracene
Concen: 25.979 ng/ul
RT: 17.854 min Scan# 2437
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion:178 Resp: 232219
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 18.2 14.7 22.1

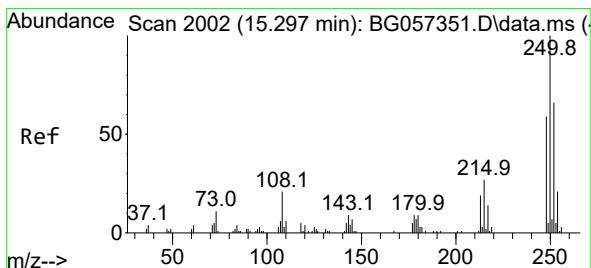
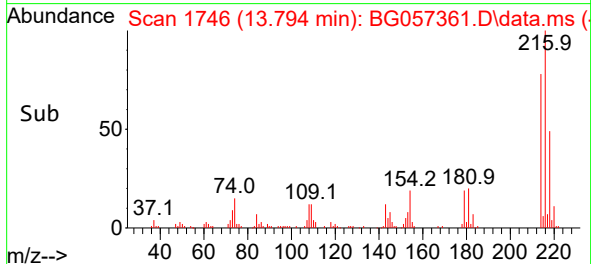
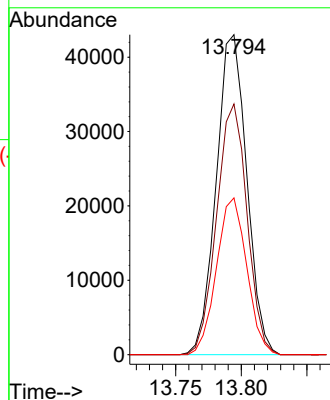
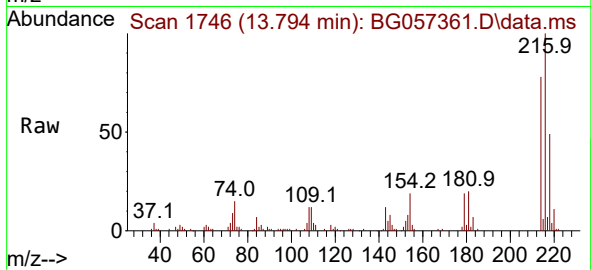




#75
1,2,3,4-Tetrachlorobenzene
Concen: 27.089 ng/uL
RT: 13.794 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

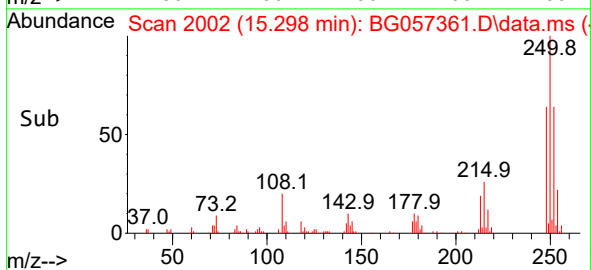
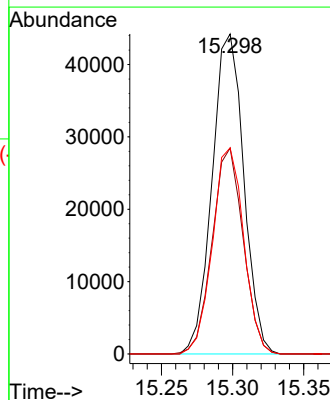
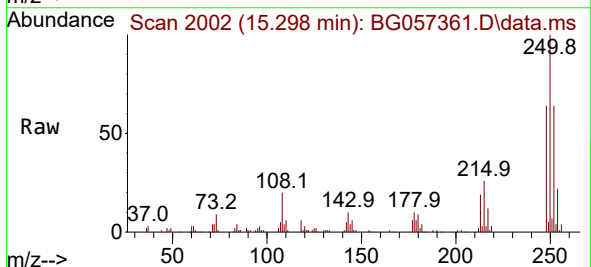
Instrument :
BNA_G
ClientSampleId :
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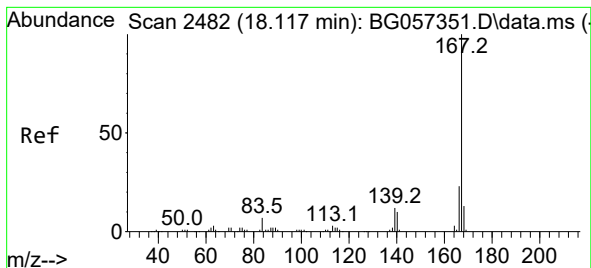
Tgt Ion:216 Resp: 69623
Ion Ratio Lower Upper
216 100
214 78.4 64.3 96.5
218 49.0 38.5 57.7



#76
Pentachlorobenzene
Concen: 26.191 ng/uL
RT: 15.298 min Scan# 2002
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion:250 Resp: 68519
Ion Ratio Lower Upper
250 100
248 64.4 52.2 78.2
252 64.4 52.5 78.7





#77

Carbazole

Concen: 26.954 ng/ul

RT: 18.118 min Scan# 24

Delta R.T. -0.008 min

Lab File: BG057361.D

Acq: 9 May 2023 20:51

Instrument :

BNA_G

ClientSampleId :

SLCS665

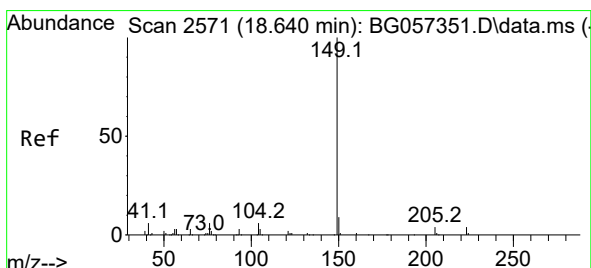
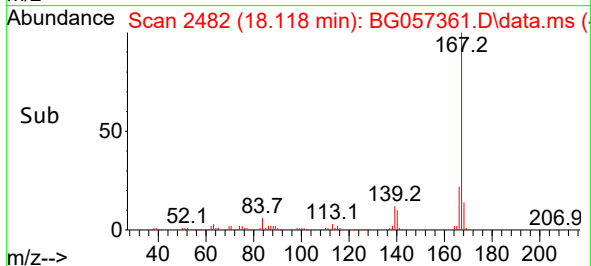
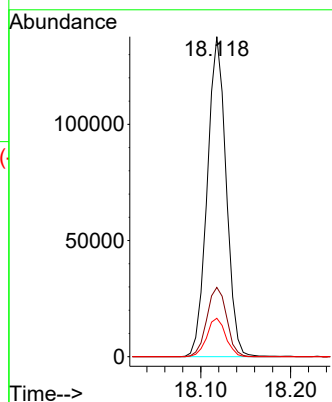
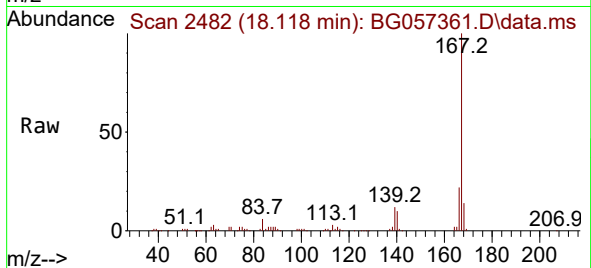
Tgt Ion:167 Resp: 201343

Ion Ratio Lower Upper

167 100

166 21.6 18.0 27.0

139 12.0 10.3 15.5



#78

Di-n-butylphthalate

Concen: 27.795 ng/ul

RT: 18.635 min Scan# 2570

Delta R.T. -0.008 min

Lab File: BG057361.D

Acq: 9 May 2023 20:51

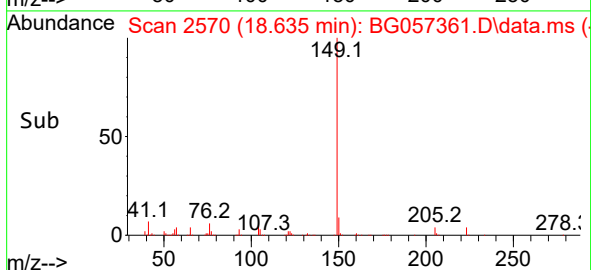
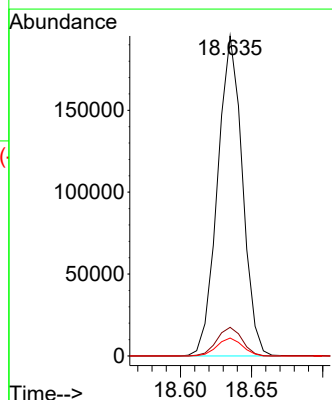
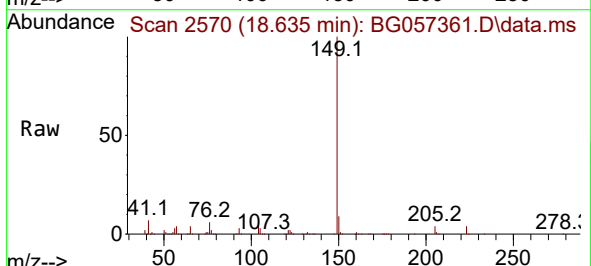
Tgt Ion:149 Resp: 237421

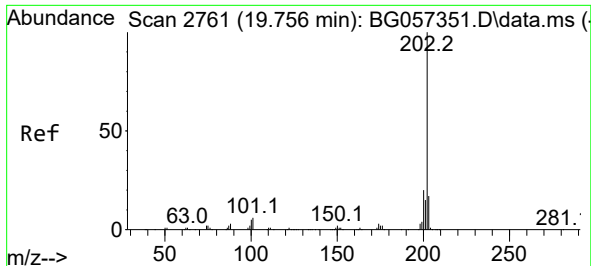
Ion Ratio Lower Upper

149 100

150 8.9 7.3 10.9

104 5.6 5.0 7.6

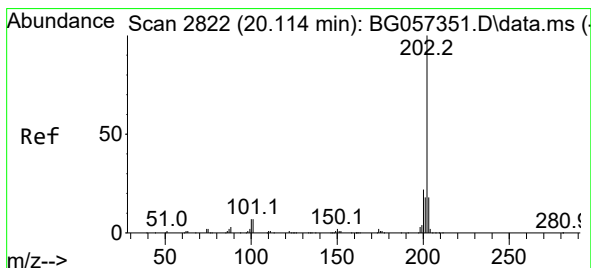
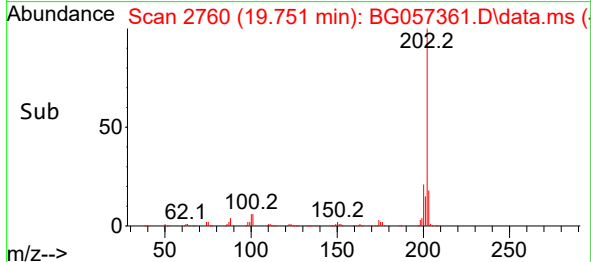
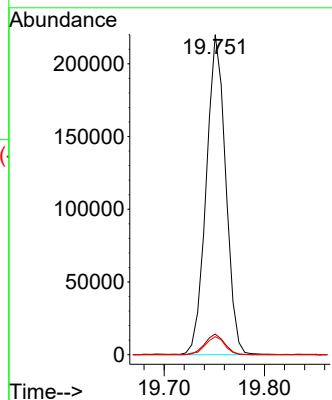
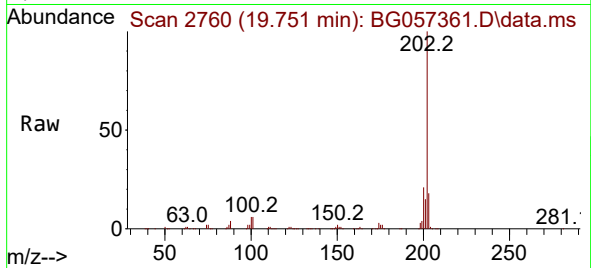




#80
Fluoranthene
Concen: 26.306 ng/ul
RT: 19.751 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

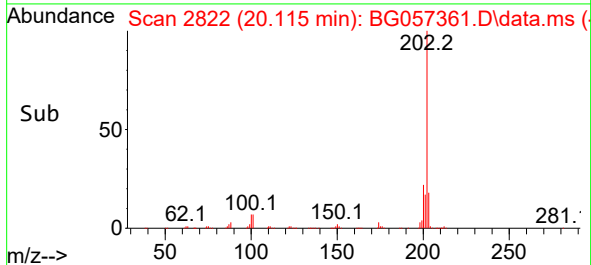
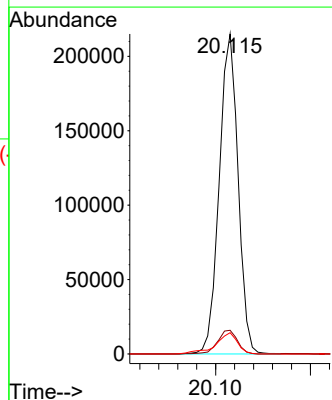
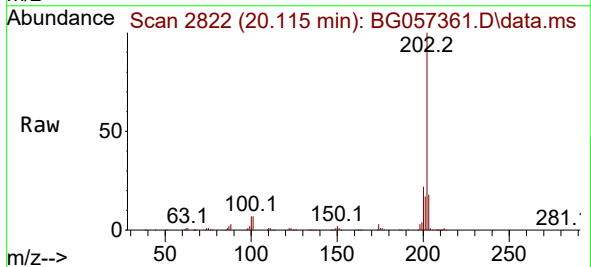
Instrument :
BNA_G
ClientSampleId :
SLCS665

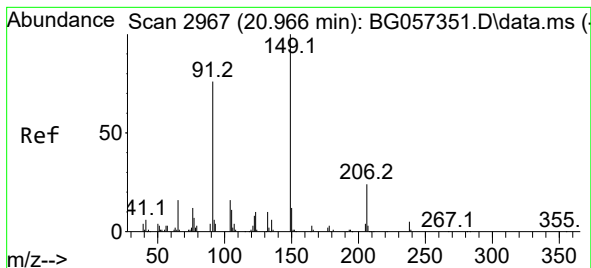
Tgt Ion:202 Resp: 295930
Ion Ratio Lower Upper
202 100
101 6.4 5.8 8.6
100 5.7 4.6 7.0



#82
Pyrene
Concen: 26.076 ng/ul
RT: 20.115 min Scan# 2822
Delta R.T. -0.008 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion:202 Resp: 296961
Ion Ratio Lower Upper
202 100
101 7.4 5.7 8.5
100 6.6 6.0 9.0





#83

Butylbenzylphthalate

Concen: 28.431 ng/ul

RT: 20.961 min Scan# 2966

Delta R.T. -0.014 min

Lab File: BG057361.D

Acq: 9 May 2023 20:51

Instrument :

BNA_G

ClientSampleId :

SLCS665

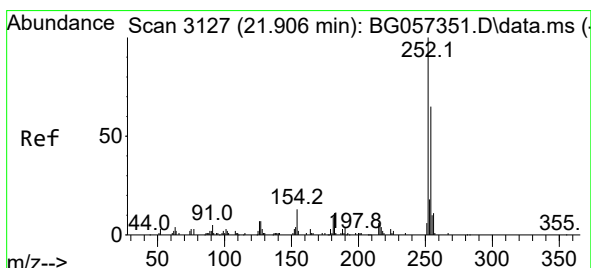
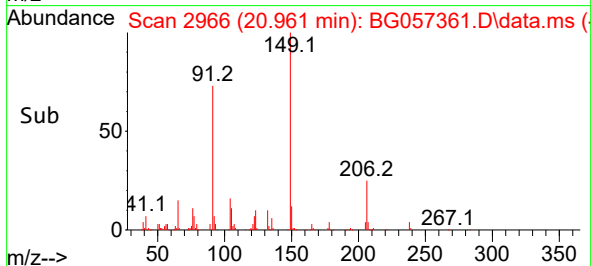
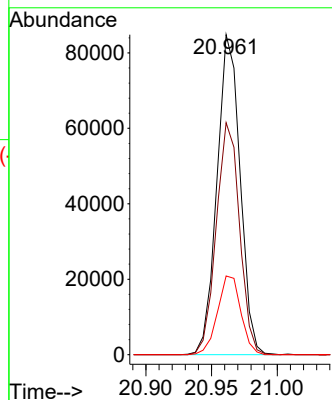
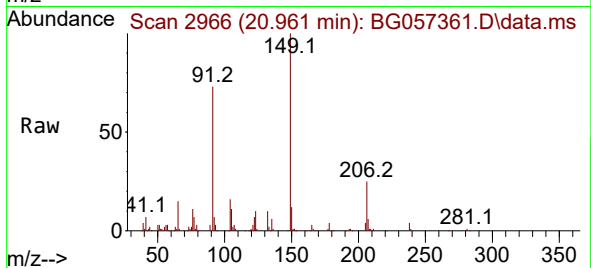
Tgt Ion:149 Resp: 103692

Ion Ratio Lower Upper

149 100

91 72.5 58.6 87.8

206 24.6 19.8 29.8



#84

3,3'-Dichlorobenzidine

Concen: 30.608 ng/ul

RT: 21.907 min Scan# 3127

Delta R.T. -0.008 min

Lab File: BG057361.D

Acq: 9 May 2023 20:51

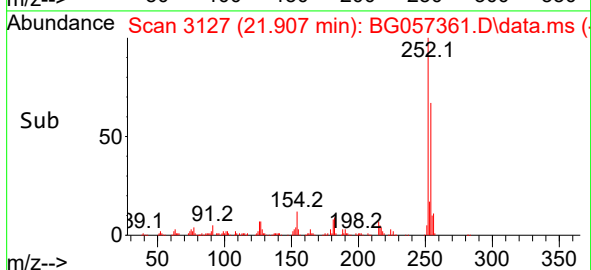
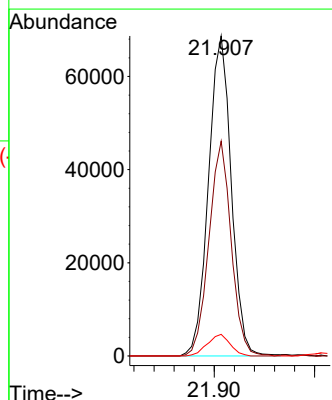
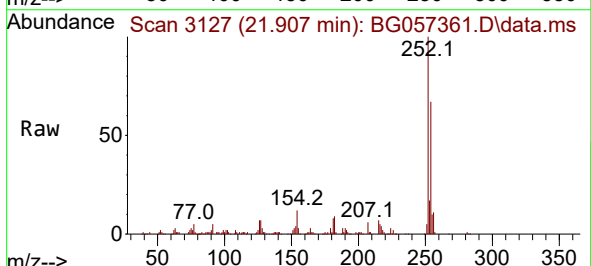
Tgt Ion:252 Resp: 108456

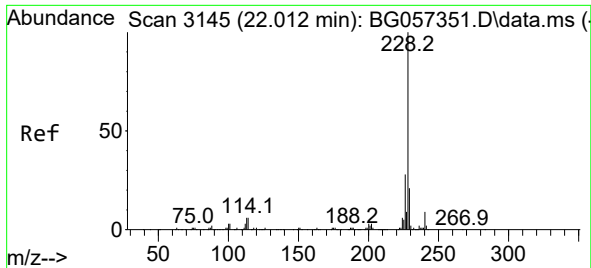
Ion Ratio Lower Upper

252 100

254 67.1 53.7 80.5

126 6.8 5.2 7.8

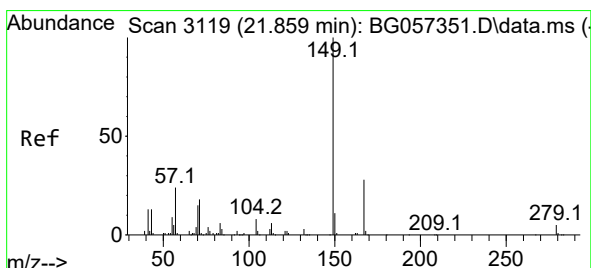
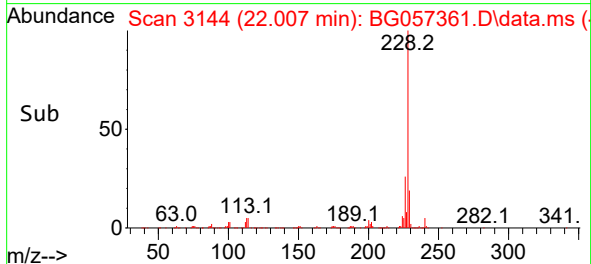
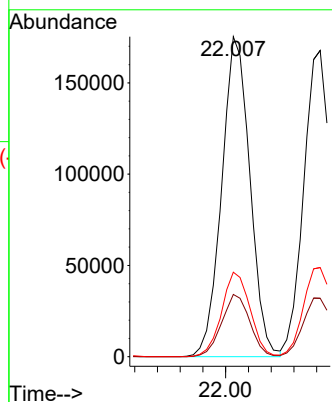
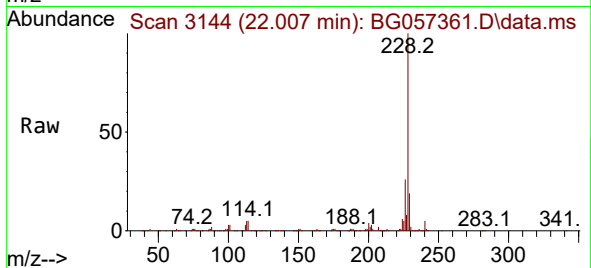




#85
Benzo(a)anthracene
Concen: 26.815 ng/ul
RT: 22.007 min Scan# 3145
Delta R.T. -0.014 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

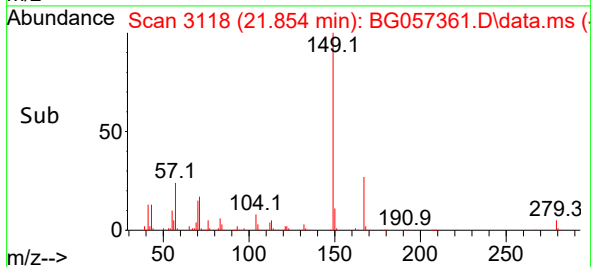
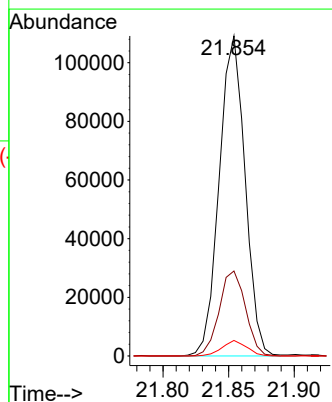
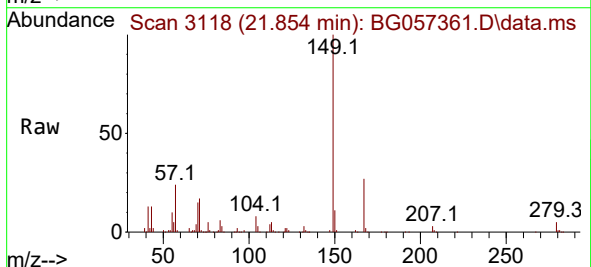
Instrument :
BNA_G
ClientSampleId :
SLCS665

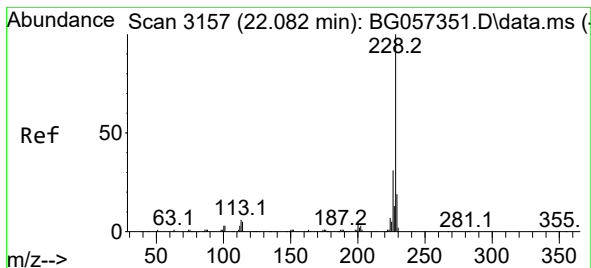
Tgt Ion:228 Resp: 302579
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.6
226 26.4 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 28.169 ng/ul
RT: 21.854 min Scan# 3118
Delta R.T. -0.014 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion:149 Resp: 149418
Ion Ratio Lower Upper
149 100
167 26.6 23.0 34.6
279 4.9 3.6 5.4





#87

Chrysene

Concen: 26.460 ng/ul

RT: 22.083 min Scan# 3157

Delta R.T. -0.008 min

Lab File: BG057361.D

Acq: 9 May 2023 20:51

Instrument :

BNA_G

ClientSampleId :

SLCS665

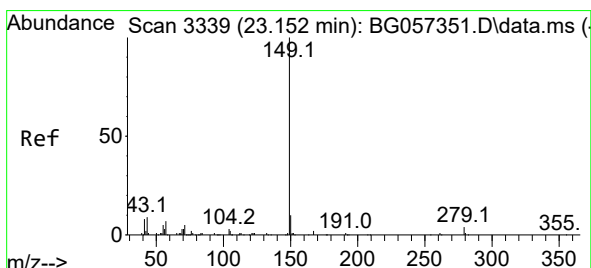
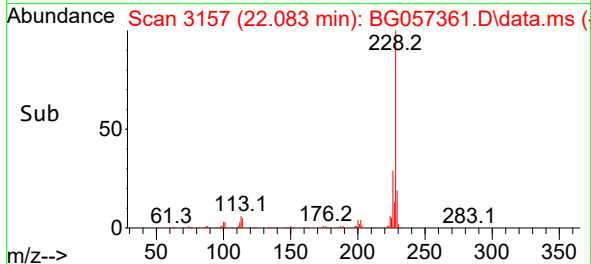
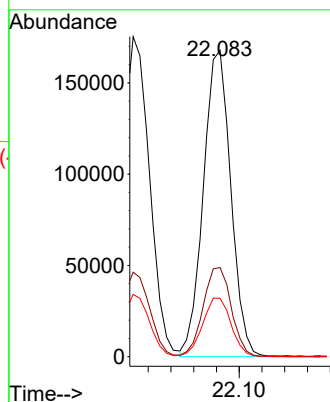
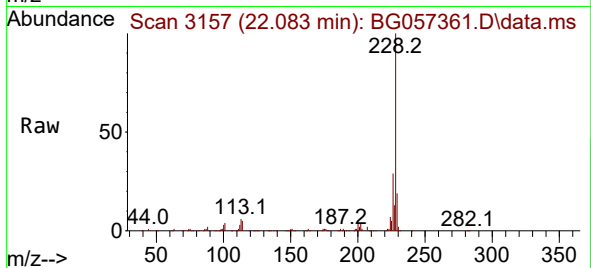
Tgt Ion:228 Resp: 281695

Ion Ratio Lower Upper

228 100

226 29.1 22.8 34.2

229 19.1 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 27.856 ng/ul

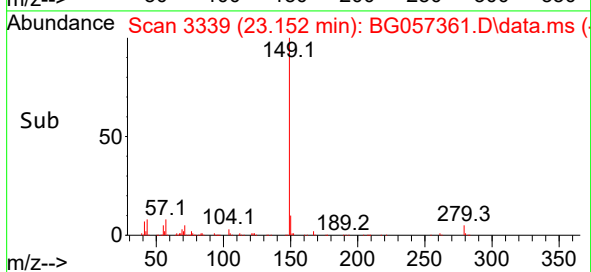
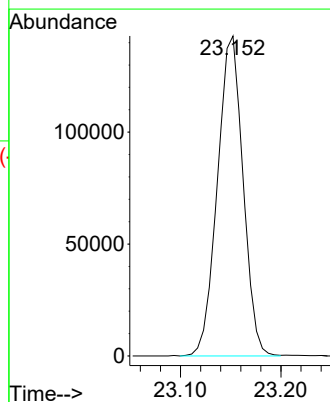
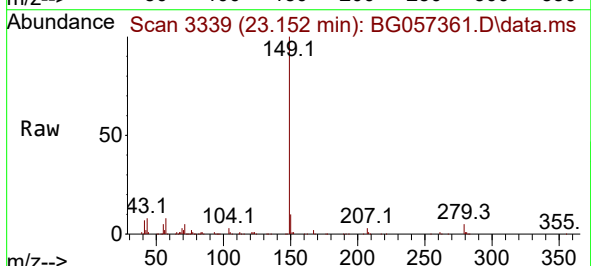
RT: 23.152 min Scan# 3339

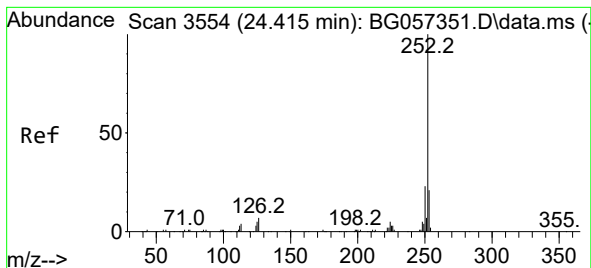
Delta R.T. -0.014 min

Lab File: BG057361.D

Acq: 9 May 2023 20:51

Tgt Ion:149 Resp: 253243





#90

Benzo(b)fluoranthene

Concen: 27.161 ng/ul

RT: 24.415 min Scan# 3554

Delta R.T. -0.020 min

Lab File: BG057361.D

Acq: 9 May 2023 20:51

Instrument :

BNA_G

ClientSampleId :

SLCS665

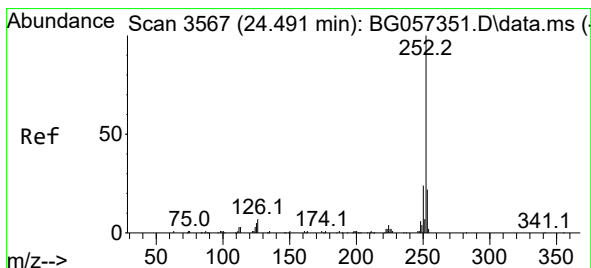
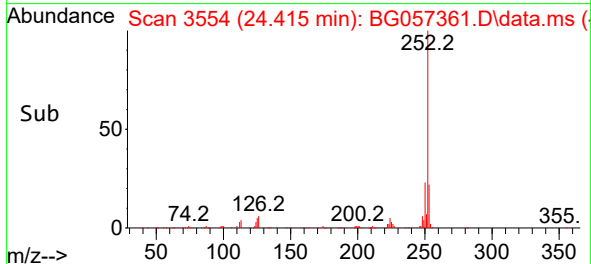
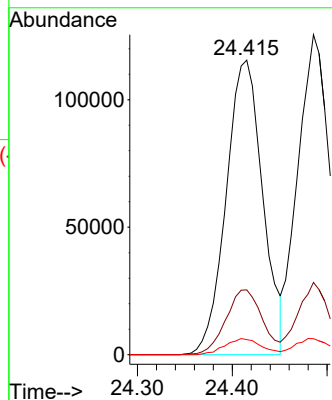
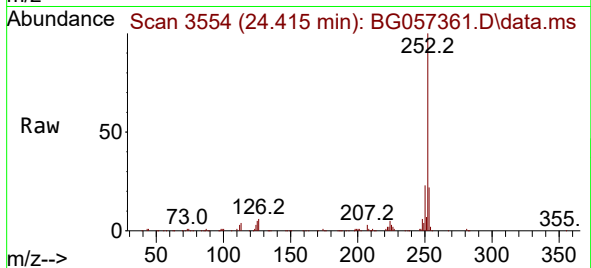
Tgt Ion:252 Resp: 309648

Ion Ratio Lower Upper

252 100

253 22.0 16.7 25.1

125 5.1 4.8 7.2



#91

Benzo(k)fluoranthene

Concen: 26.790 ng/ul

RT: 24.486 min Scan# 3566

Delta R.T. -0.020 min

Lab File: BG057361.D

Acq: 9 May 2023 20:51

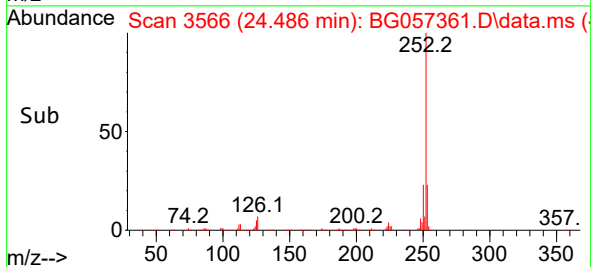
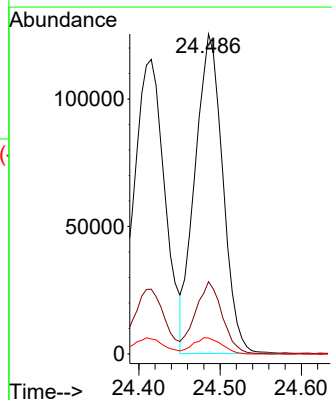
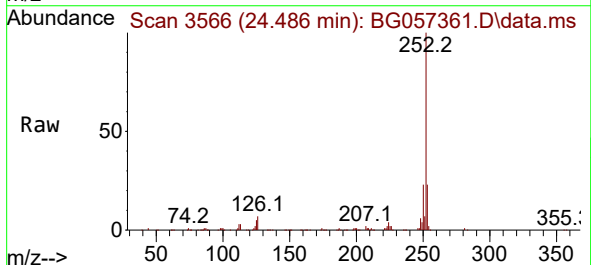
Tgt Ion:252 Resp: 297130

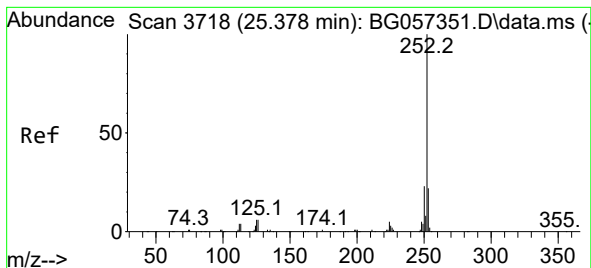
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 5.0 4.5 6.7





#93

Benzo(a)pyrene

Concen: 26.826 ng/ul

RT: 25.379 min Scan# 31

Delta R.T. -0.014 min

Lab File: BG057361.D

Acq: 9 May 2023 20:51

Instrument :

BNA_G

ClientSampleId :

SLCS665

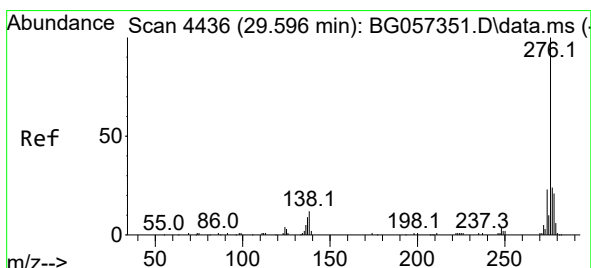
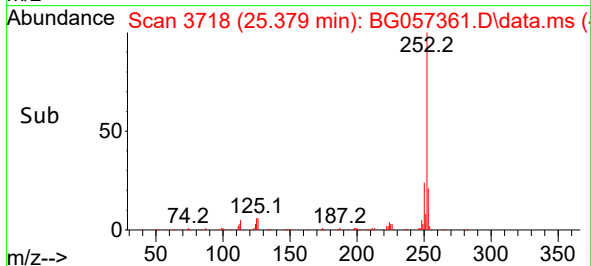
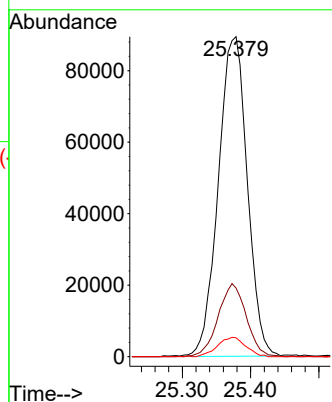
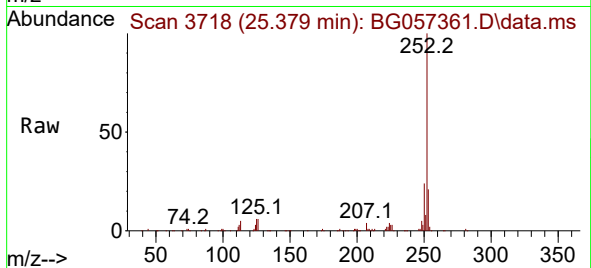
Tgt Ion:252 Resp: 264026

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 5.9 5.1 7.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 27.290 ng/ul

RT: 29.585 min Scan# 4434

Delta R.T. -0.043 min

Lab File: BG057361.D

Acq: 9 May 2023 20:51

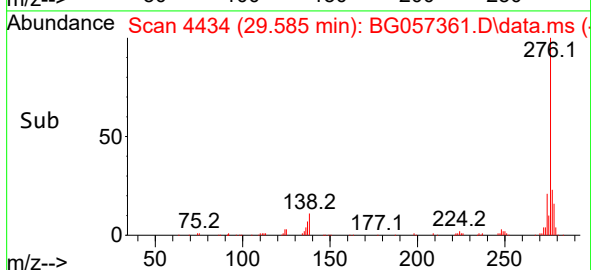
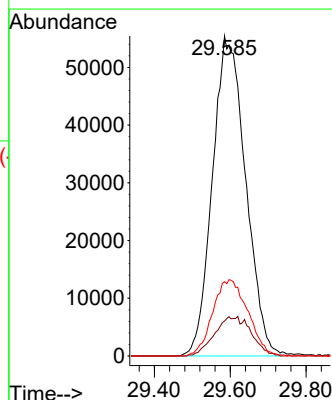
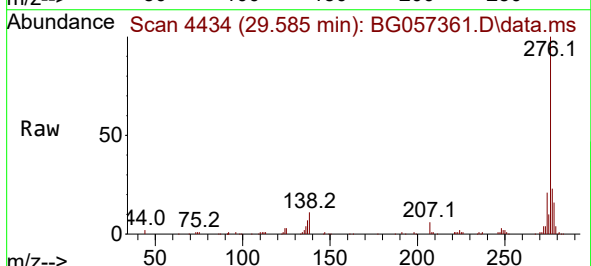
Tgt Ion:276 Resp: 335752

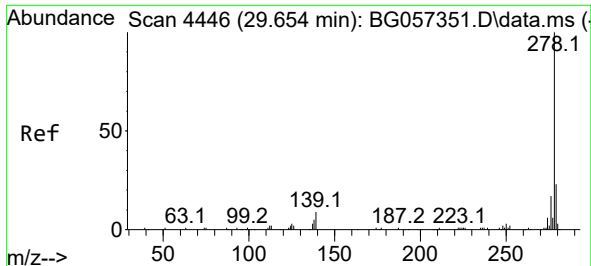
Ion Ratio Lower Upper

276 100

138 10.9 9.4 14.2

277 23.2 18.6 28.0

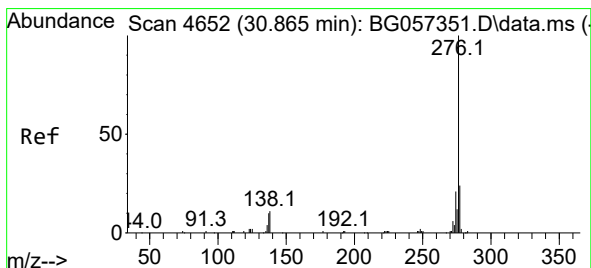
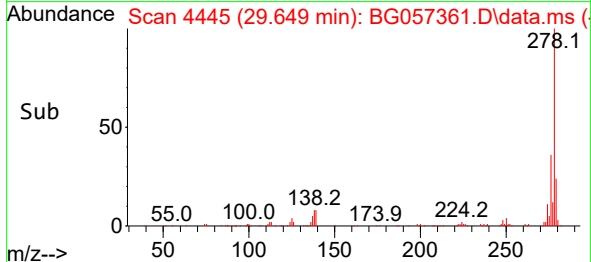
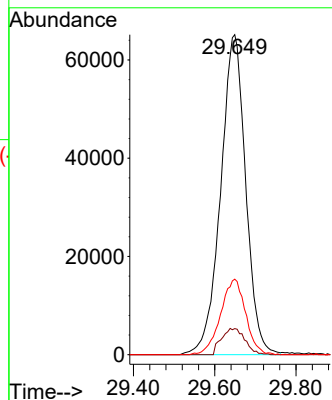
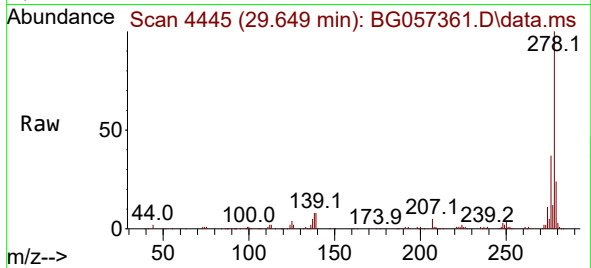




#95
Dibenzo(a,h)anthracene
Concen: 27.364 ng/ul
RT: 29.649 min Scan# 4445
Delta R.T. -0.037 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Instrument :
BNA_G
ClientSampleId :
SLCS665

Tgt Ion:278 Resp: 279161
Ion Ratio Lower Upper
278 100
139 8.2 5.8 8.6
279 23.6 18.3 27.5



#96
Benzo(g,h,i)perylene
Concen: 27.106 ng/ul
RT: 30.865 min Scan# 4652
Delta R.T. -0.037 min
Lab File: BG057361.D
Acq: 9 May 2023 20:51

Tgt Ion:276 Resp: 269895
Ion Ratio Lower Upper
276 100
138 11.5 8.7 13.1
277 23.0 18.4 27.6

