

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103023\
 Data File : BG059553.D
 Acq On : 30 Oct 2023 20:10
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020463

Quant Time: Oct 31 05:05:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.359	152	70759	20.000	ng/ul	0.00
20) Naphthalene-d8	11.208	136	312431	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.986	164	266069	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.742	188	593743	20.000	ng/ul	0.00
79) Chrysene-d12	22.078	240	491393	20.000	ng/ul	# 0.00
88) Perylene-d12	25.680	264	581987	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.653	96	11201	5.923	ng/uL	0.00
4) Pyridine-d5	4.087	84	95402	18.052	ng/ul	0.00
7) Phenol-d5	7.466	99	138474	19.044	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.677	67	62749	18.788	ng/ul	0.00
11) 2-Chlorophenol-d4	7.877	132	112709	19.106	ng/ul	0.00
15) 4-Methylphenol-d8	9.040	113	114296	19.813	ng/ul	0.00
21) Nitrobenzene-d5	9.557	128	52800	23.768	ng/ul	0.00
24) 2-Nitrophenol-d4	10.274	143	57863	25.372	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.803	165	113187	22.527	ng/ul	0.00
31) 4-Chloroaniline-d4	11.349	131	164609	19.901	ng/ul	0.00
46) Dimethylphthalate-d6	14.381	166	428618	17.781	ng/ul	0.00
49) Acenaphthylene-d8	14.693	160	505561	17.871	ng/ul	0.00
54) 4-Nitrophenol-d4	15.151	143	88991	21.528	ng/ul	0.00
60) Fluorene-d10	15.973	176	379464	18.420	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.079	200	59092	21.016	ng/ul	0.00
73) Anthracene-d10	17.842	188	623526	19.384	ng/ul	0.00
81) Pyrene-d10	20.110	212	633553	18.549	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.433	264	609101	17.773	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.700	88	13731	6.487	ng/uL#	76
5) Pyridine	4.111	79	86923	16.674	ng/ul	88
6) Benzaldehyde	7.501	77	74026	22.603	ng/ul	96
8) Phenol	7.495	94	134829	19.669	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.777	93	92001	18.302	ng/ul	91
12) 2-Chlorophenol	7.912	128	113222	19.360	ng/ul#	86
13) 2-Methylphenol	8.776	108	111133	19.447	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.864	45	37899	8.011	ng/ul#	91
16) Acetophenone	9.205	105	171776	18.890	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.164	70	75096	17.527	ng/ul#	86
18) 4-Methylphenol	9.111	108	117498	19.325	ng/ul	90
19) Hexachloroethane	9.452	117	43590	18.767	ng/ul	92
22) Nitrobenzene	9.598	77	112026	23.363	ng/ul	95
23) Isophorone	10.110	82	220677	18.275	ng/ul#	90
25) 2-Nitrophenol	10.309	139	63021	25.695	ng/ul#	79
26) 2,4-Dimethylphenol	10.333	107	129826	20.124	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.597	93	128282	19.079	ng/ul	97
29) 2,4-Dichlorophenol	10.826	162	104512	21.500	ng/ul	93
30) Naphthalene	11.261	128	363626	18.673	ng/ul	99
32) 4-Chloroaniline	11.373	127	163050	20.753	ng/ul#	87
33) Hexachlorobutadiene	11.490	225	68941	23.640	ng/ul	93
34) Caprolactam	12.143	113	20670	11.623	ng/ul#	77
35) 4-Chloro-3-methylphenol	12.436	107	142351	24.543	ng/ul	95
36) 2-Methylnaphthalene	12.836	142	289814	21.633	ng/ul	97

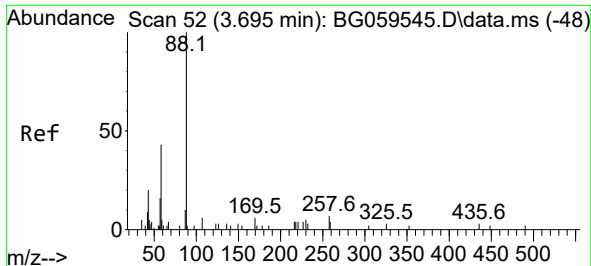
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103023\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.053	142	291801	21.868	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	13.177	216	121384	15.817	ng/ul	98
40) Hexachlorocyclopentadiene	13.136	237	63255	14.140	ng/ul	93
41) 2,4,6-Trichlorophenol	13.418	196	96801	18.217	ng/ul	97
42) 2,4,5-Trichlorophenol	13.482	196	101638	17.667	ng/ul	84
43) 1,1'-Biphenyl	13.829	154	434209	18.040	ng/ul	95
44) 2-Chloronaphthalene	13.876	162	340603	18.207	ng/ul	98
45) 2-Nitroaniline	14.087	65	87573	25.159	ng/ul	97
47) Dimethylphthalate	14.428	163	418890	17.589	ng/ul#	96
48) 2,6-Dinitrotoluene	14.569	165	77121	21.467	ng/ul#	71
50) Acenaphthylene	14.722	152	580937	17.823	ng/ul	97
51) 3-Nitroaniline	14.904	138	108714	24.277	ng/ul#	68
52) Acenaphthene	15.051	153	382153	17.987	ng/ul	97
53) 2,4-Dinitrophenol	15.098	184	43947	21.529	ng/ul	96
55) 4-Nitrophenol	15.168	109	104993	23.047	ng/ul	95
56) Dibenzofuran	15.386	168	503706	18.287	ng/ul	90
57) 2,4-Dinitrotoluene	15.345	165	122568	24.255	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.586	232	99152	21.959	ng/ul#	88
59) Diethylphthalate	15.774	149	456033	17.554	ng/ul	97
61) Fluorene	16.032	166	439507	18.483	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.015	204	190071	18.703	ng/ul	93
66) 4,6-Dinitro-2-methylph...	16.091	198	60616	20.455	ng/ul#	86
67) N-Nitrosodiphenylamine	16.232	169	372339	18.353	ng/ul	97
68) 4-Bromophenyl-phenylether	16.913	248	111647	18.791	ng/ul	90
69) Hexachlorobenzene	17.002	284	139668	20.340	ng/ul#	89
70) Atrazine	17.166	200	125504	19.964	ng/ul	96
71) Pentachlorophenol	17.354	266	85225	21.726	ng/ul	98
72) Phenanthrene	17.783	178	716455	18.561	ng/ul	98
74) Anthracene	17.877	178	749944	19.242	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.788	216	138000	17.453	ng/ul#	85
76) Pentachlorobenzene	15.280	250	138695	18.485	ng/ul	99
77) Carbazole	18.147	167	650243	19.422	ng/ul	97
78) Di-n-butylphthalate	18.658	149	860645	18.709	ng/ul	98
80) Fluoranthene	19.775	202	773704	18.583	ng/ul	98
82) Pyrene	20.139	202	810562	18.742	ng/ul#	94
83) Butylbenzylphthalate	21.003	149	376800	19.292	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.960	252	275874	21.589	ng/ul	93
85) Benzo(a)anthracene	22.054	228	752740	18.615	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.902	149	581180	19.942	ng/ul	99
87) Chrysene	22.125	228	713546	18.969	ng/ul	95
89) Di-n-octyl phthalate	23.253	149	981367	19.260	ng/ul	100
90) Benzo(b)fluoranthene	24.516	252	746329	17.691	ng/ul	99
91) Benzo(k)fluoranthene	24.599	252	726522	17.241	ng/ul	98
93) Benzo(a)pyrene	25.515	252	691676	17.347	ng/ul#	96
95) Dibenzo(a,h)anthracene	29.975	278	778410	18.649	ng/ul	97
96) Benzo(g,h,i)perylene	31.203	276	744359	17.996	ng/ul#	95

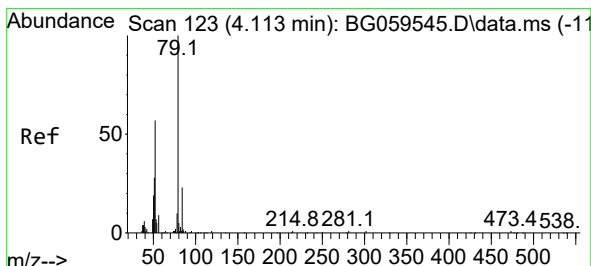
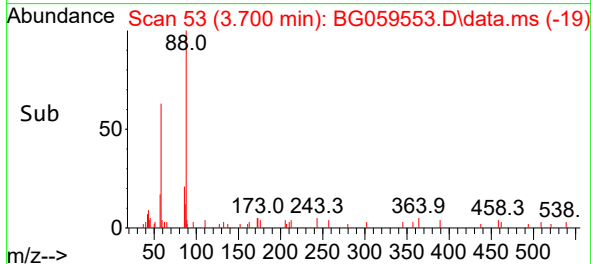
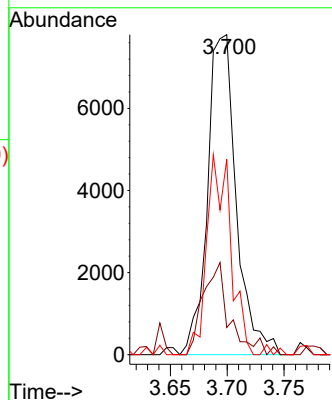
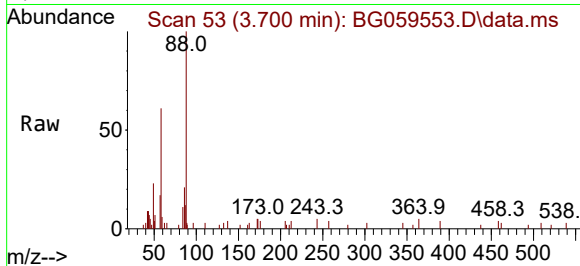
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#2
1,4-Dioxane
Concen: 6.487 ng/uL
RT: 3.700 min Scan# 51
Delta R.T. -0.002 min
Lab File: BG059553.D
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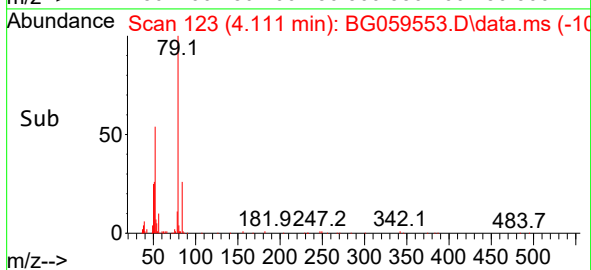
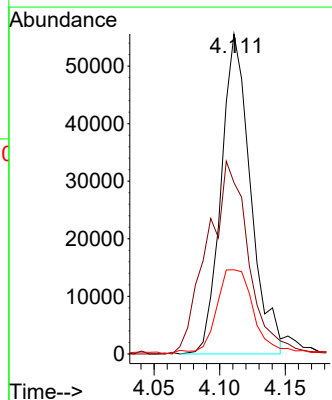
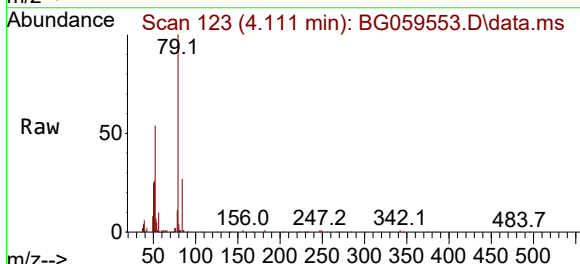
Instrument :
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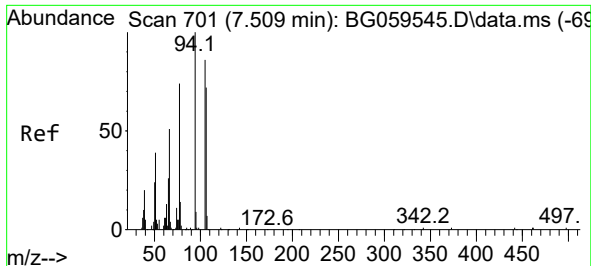
Tgt Ion: 88 Resp: 13731
Ion Ratio Lower Upper
88 100
43 8.5 15.7 23.5#
58 61.0 36.2 54.2#



#5
Pyridine
Concen: 16.674 ng/uL
RT: 4.111 min Scan# 123
Delta R.T. -0.002 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Tgt Ion: 79 Resp: 86923
Ion Ratio Lower Upper
79 100
52 53.5 53.3 79.9
51 26.3 22.4 33.6

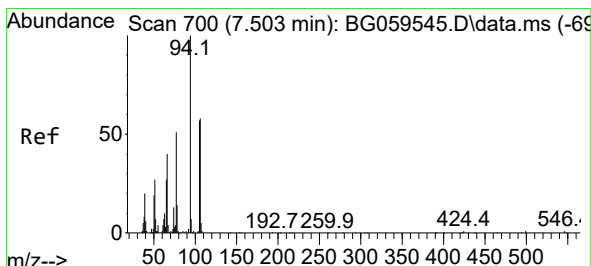
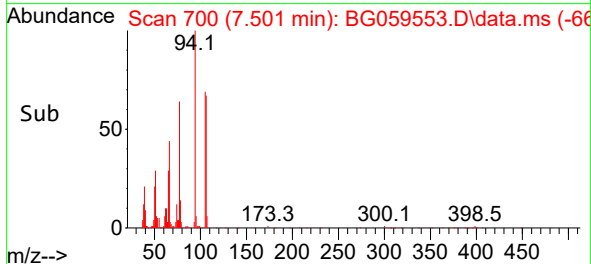
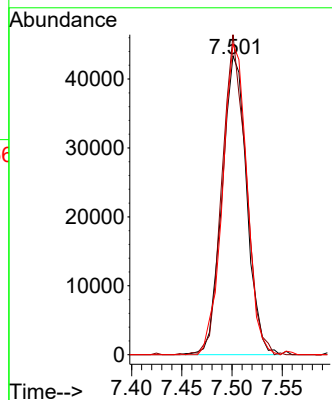
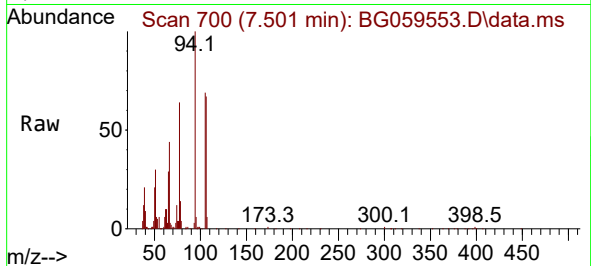




#6
Benzaldehyde
Concen: 22.603 ng/ul
RT: 7.501 min Scan# 701
Delta R.T. -0.003 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

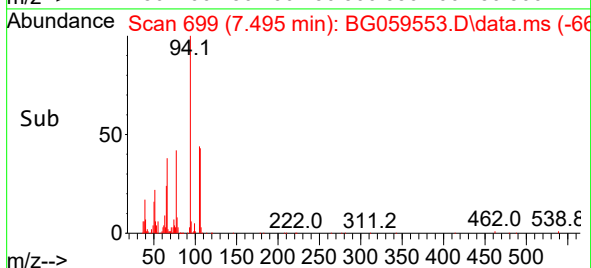
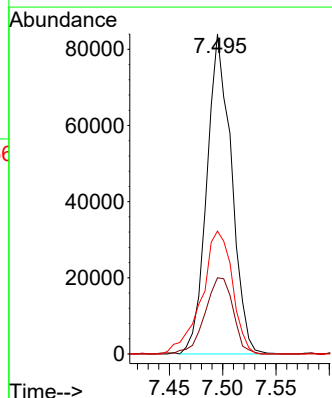
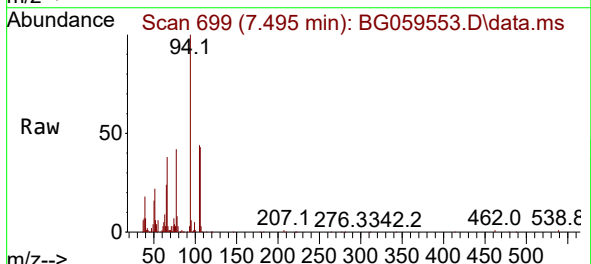
Instrument :
BNA_G
ClientSampleId :
SSTD020463

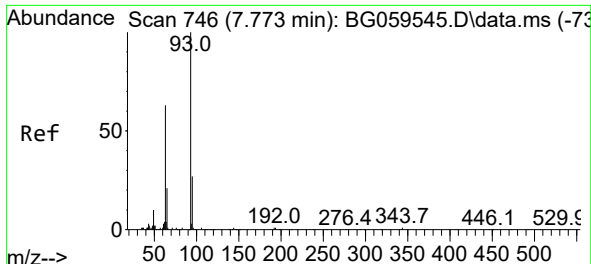
Tgt Ion: 77 Resp: 74026
Ion Ratio Lower Upper
77 100
105 107.1 83.6 125.4
106 104.0 78.6 118.0



#8
Phenol
Concen: 19.669 ng/ul
RT: 7.495 min Scan# 699
Delta R.T. -0.003 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Tgt Ion: 94 Resp: 134829
Ion Ratio Lower Upper
94 100
65 23.8 22.5 33.7
66 38.4 31.1 46.7

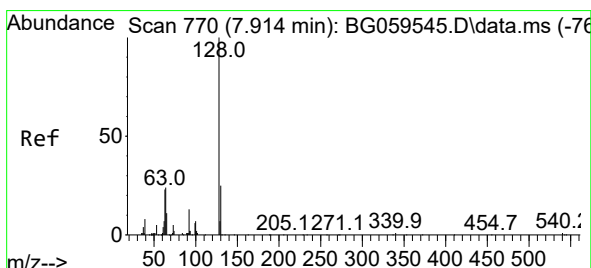
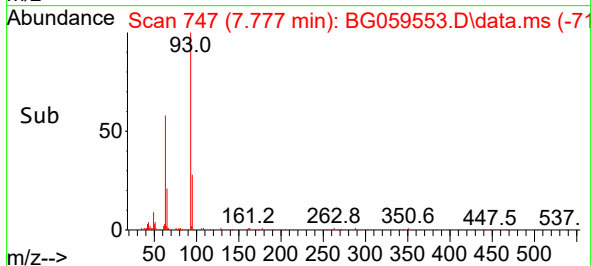
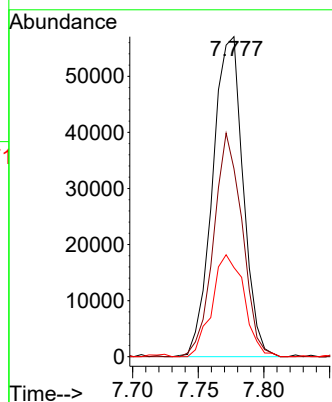
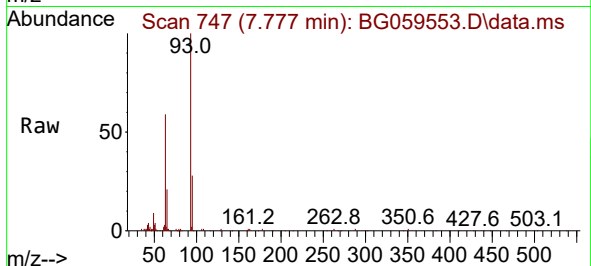




#10
Bis(2-Chloroethyl)ether
Concen: 18.302 ng/ul
RT: 7.777 min Scan# 746
Delta R.T. -0.003 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

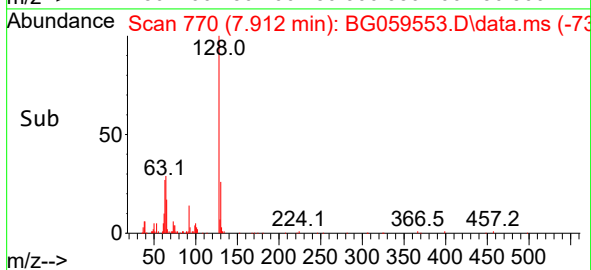
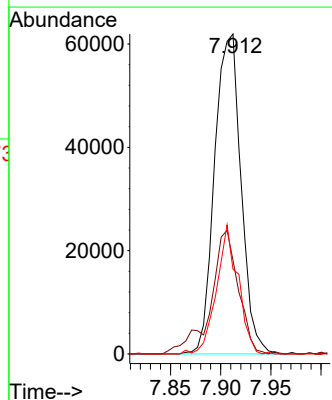
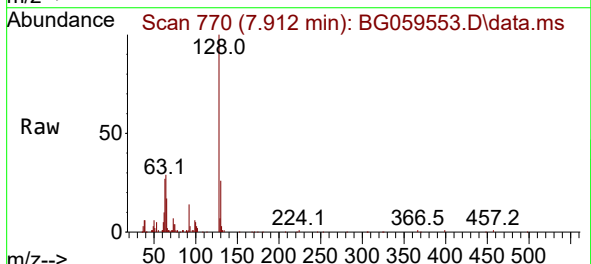
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ClientSampleId :
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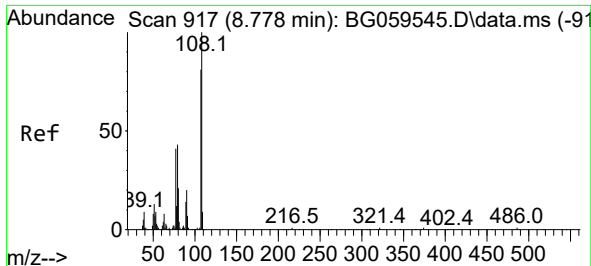
Tgt Ion: 93 Resp: 92001
Ion Ratio Lower Upper
93 100
63 58.8 52.5 78.7
95 27.9 26.5 39.7



#12
2-Chlorophenol
Concen: 19.360 ng/ul
RT: 7.912 min Scan# 770
Delta R.T. -0.003 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Tgt Ion:128 Resp: 113222
Ion Ratio Lower Upper
128 100
64 29.3 30.2 45.2#
130 26.5 27.9 41.9#

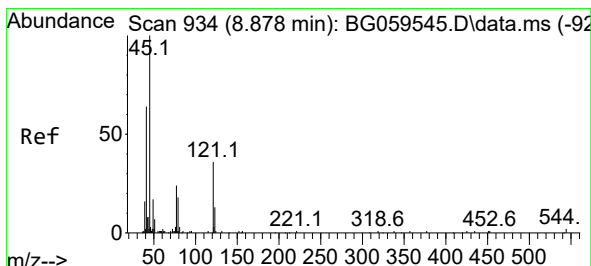
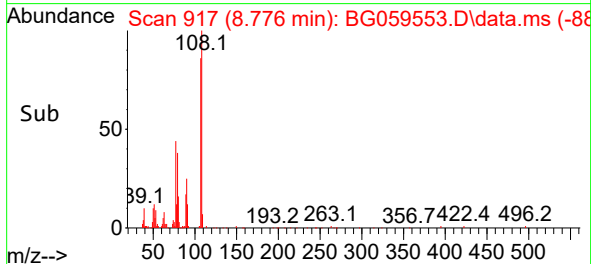
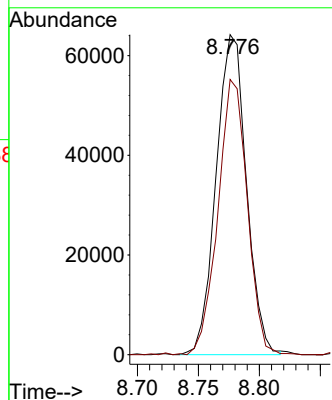
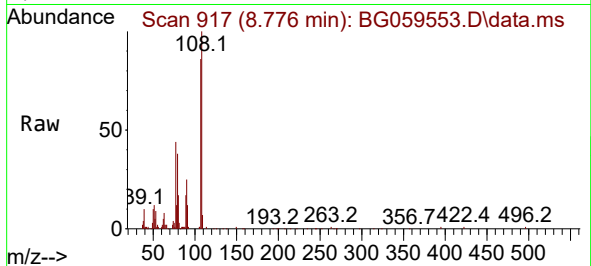




#13
2-Methylphenol
Concen: 19.447 ng/ul
RT: 8.776 min Scan# 911
Delta R.T. -0.002 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

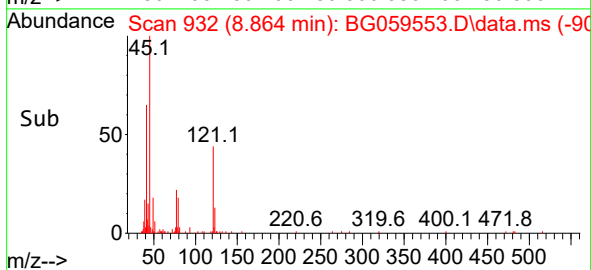
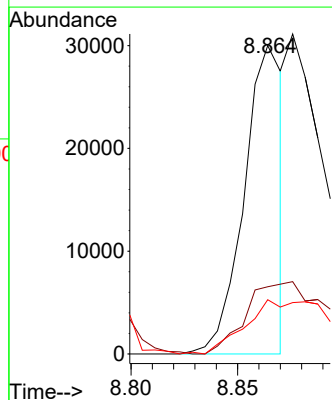
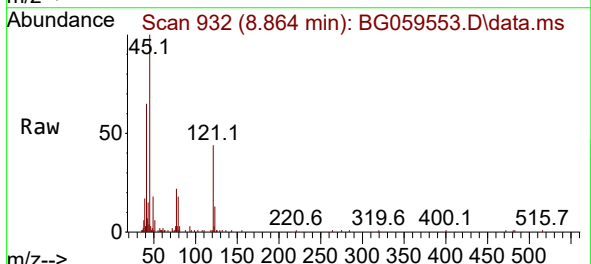
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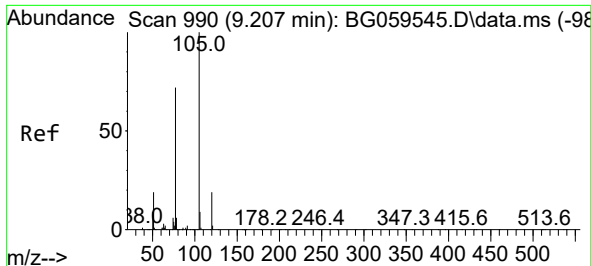
Tgt Ion:108 Resp: 111133
Ion Ratio Lower Upper
108 100
107 86.0 68.6 102.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 8.011 ng/ul
RT: 8.864 min Scan# 932
Delta R.T. -0.014 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Tgt Ion: 45 Resp: 37899
Ion Ratio Lower Upper
45 100
77 21.8 15.0 22.6
79 17.6 10.0 15.0#

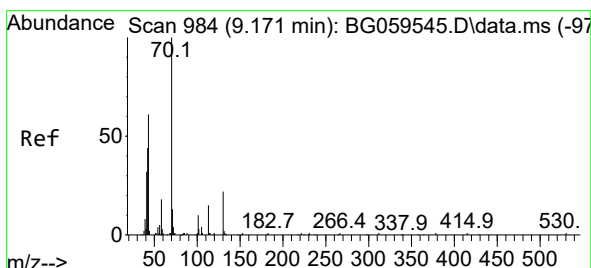
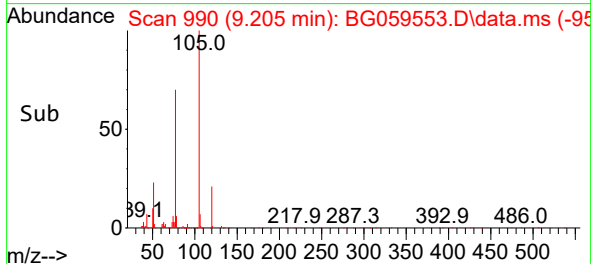
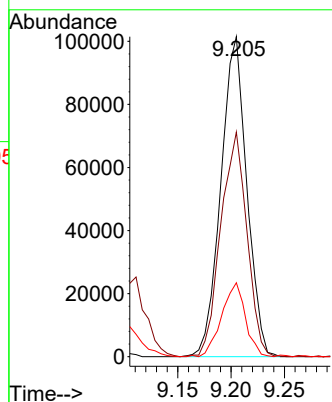
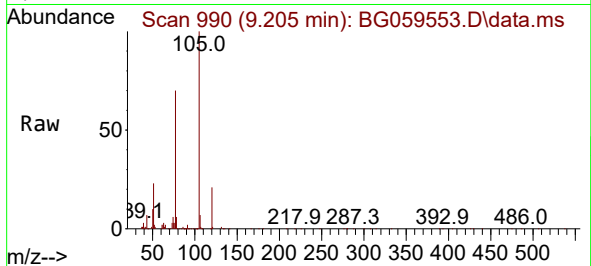




#16
Acetophenone
Concen: 18.890 ng/ul
RT: 9.205 min Scan# 990
Delta R.T. -0.002 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

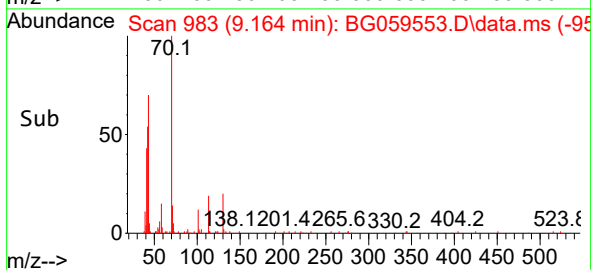
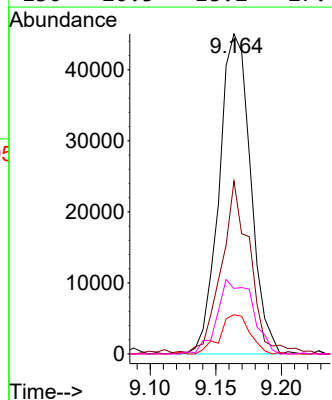
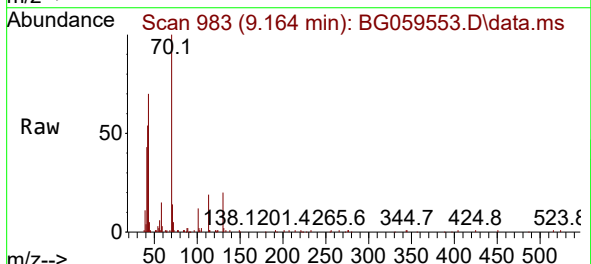
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ClientSampleId :
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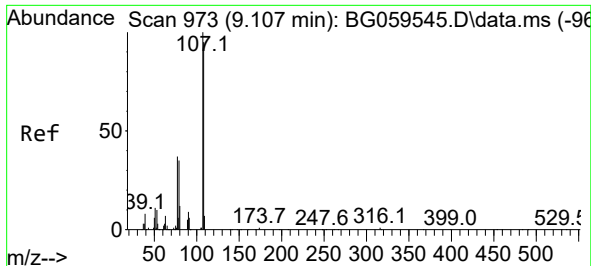
Tgt Ion:105 Resp: 171776
Ion Ratio Lower Upper
105 100
77 70.2 59.6 89.4
51 23.1 16.2 24.4



#17
N-Nitroso-di-n-propylamine
Concen: 17.527 ng/ul
RT: 9.164 min Scan# 983
Delta R.T. -0.008 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Tgt Ion: 70 Resp: 75096
Ion Ratio Lower Upper
70 100
42 54.1 33.8 50.8#
101 12.3 5.4 8.0#
130 20.5 18.2 27.4





#18

4-Methylphenol

Concen: 19.325 ng/ul

RT: 9.111 min Scan# 91

Delta R.T. 0.003 min

Lab File: BG059553.D

Acq: 30 Oct 2023 20:10

Instrument :

BNA_G

ClientSampleId :

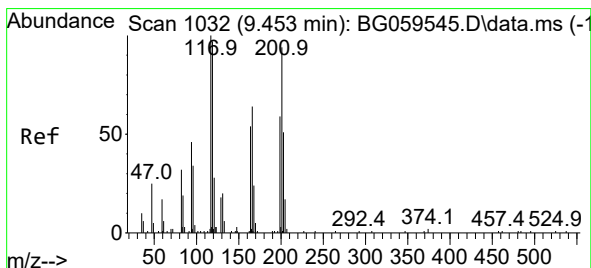
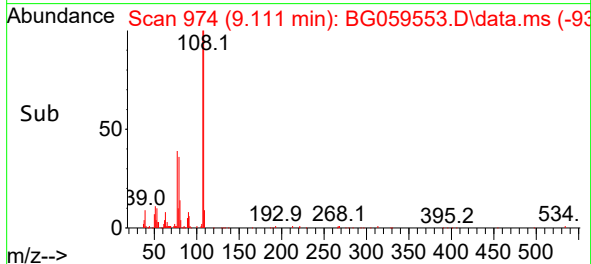
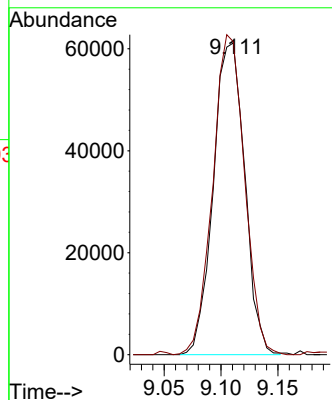
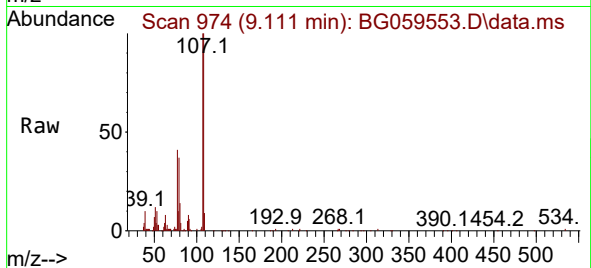
SSTD020463

Tgt Ion:108 Resp: 117498

Ion Ratio Lower Upper

108 100

107 100.4 88.9 133.3



#19

Hexachloroethane

Concen: 18.767 ng/ul

RT: 9.452 min Scan# 1032

Delta R.T. -0.003 min

Lab File: BG059553.D

Acq: 30 Oct 2023 20:10

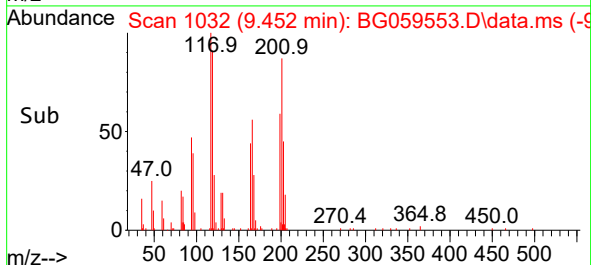
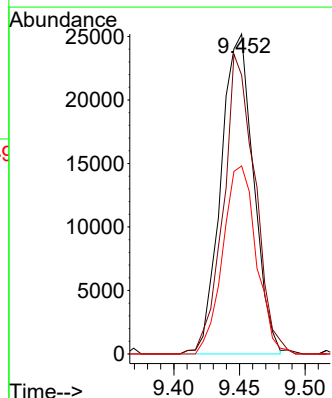
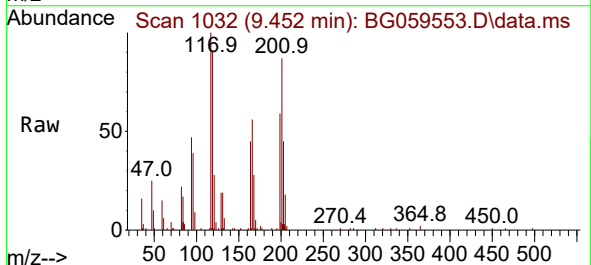
Tgt Ion:117 Resp: 43590

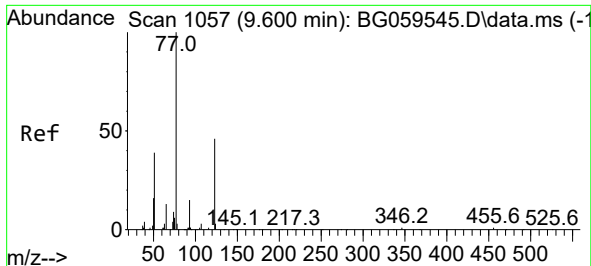
Ion Ratio Lower Upper

117 100

201 87.1 75.8 113.6

199 58.7 42.3 63.5

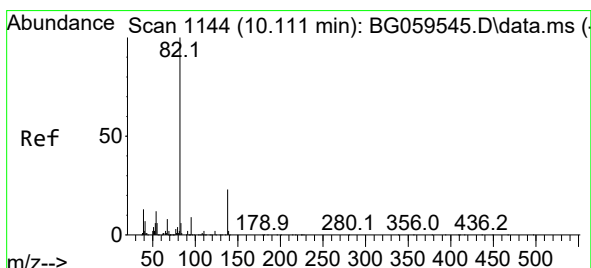
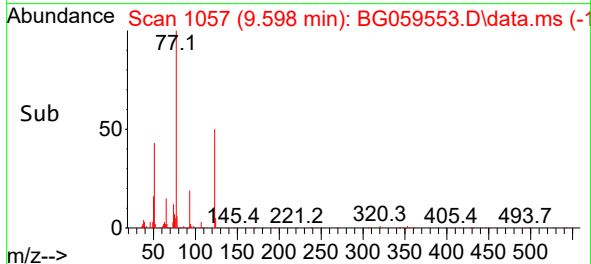
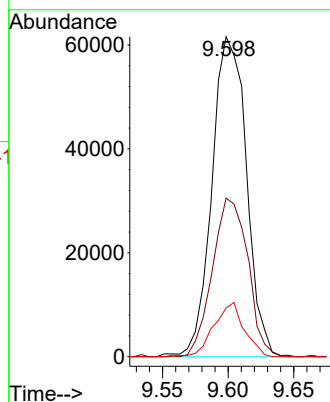
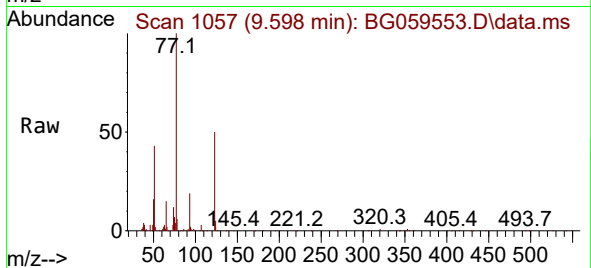




#22
Nitrobenzene
Concen: 23.363 ng/ul
RT: 9.598 min Scan# 1105
Delta R.T. -0.008 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

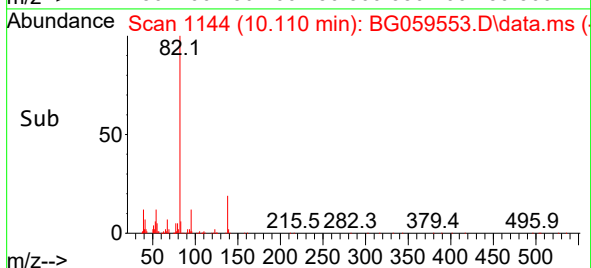
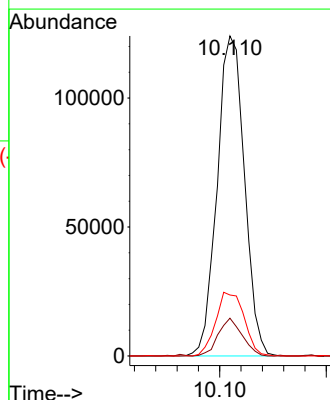
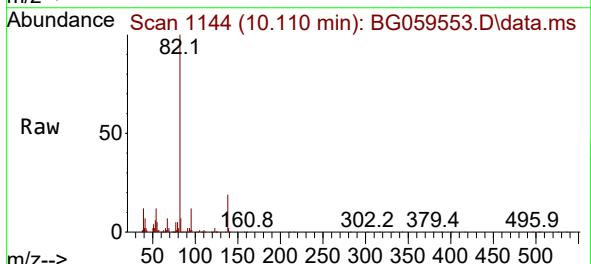
Instrument :
BNA_G
ClientSampleId :
SSTD020463

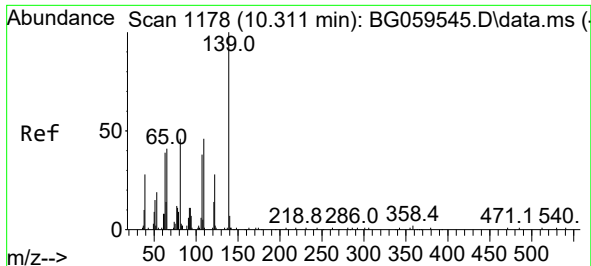
Tgt Ion: 77 Resp: 112026
Ion Ratio Lower Upper
77 100
123 49.6 42.6 63.8
65 15.2 11.0 16.4



#23
Isophorone
Concen: 18.275 ng/ul
RT: 10.110 min Scan# 1144
Delta R.T. -0.002 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Tgt Ion: 82 Resp: 220677
Ion Ratio Lower Upper
82 100
95 11.8 5.6 8.4#
138 19.1 12.3 18.5#

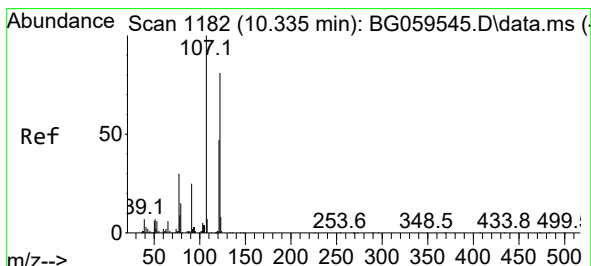
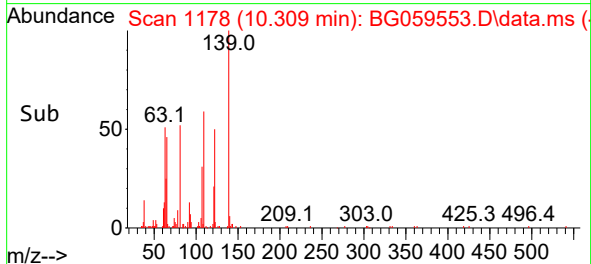
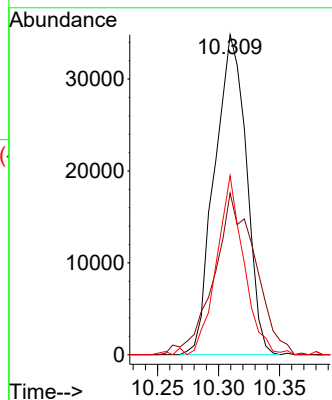
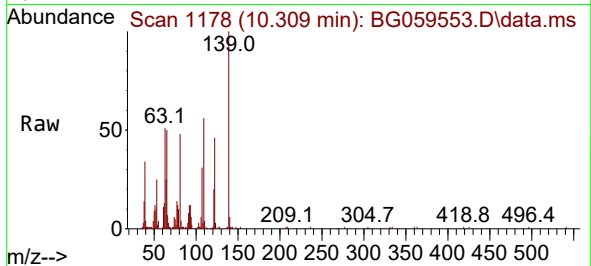




#25
2-Nitrophenol
Concen: 25.695 ng/ul
RT: 10.309 min Scan# 1178
Delta R.T. -0.008 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

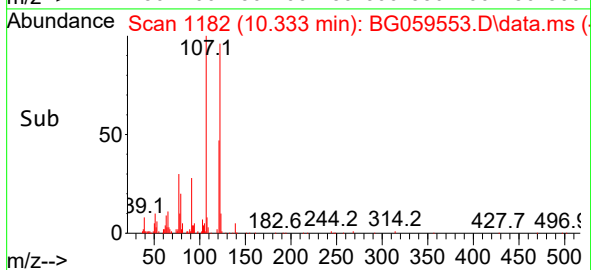
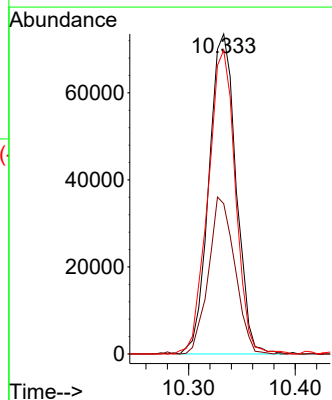
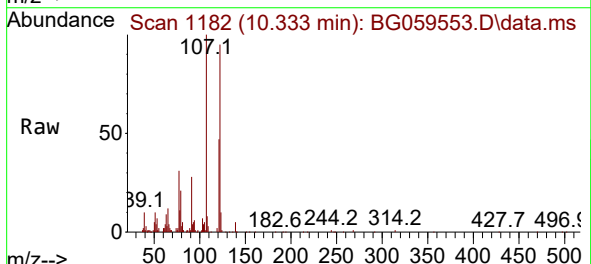
Instrument :
BNA_G
ClientSampleId :
SSTD020463

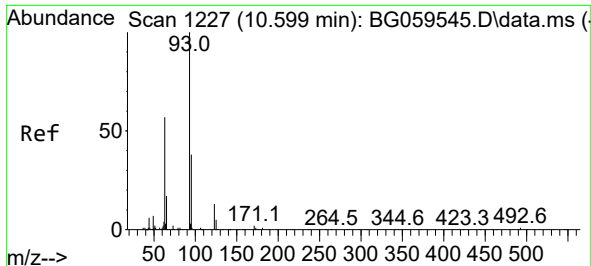
Tgt Ion:139 Resp: 63021
Ion Ratio Lower Upper
139 100
65 50.5 39.7 59.5
109 56.0 21.0 31.6#



#26
2,4-Dimethylphenol
Concen: 20.124 ng/ul
RT: 10.333 min Scan# 1182
Delta R.T. -0.002 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Tgt Ion:107 Resp: 129826
Ion Ratio Lower Upper
107 100
121 46.9 42.7 64.1
122 94.9 72.6 108.8

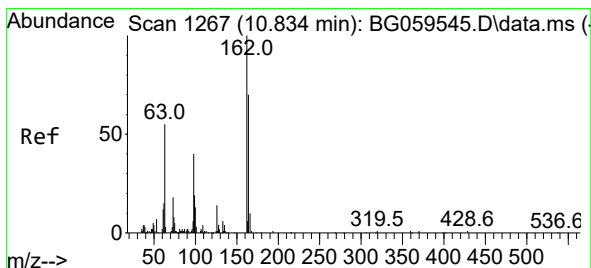
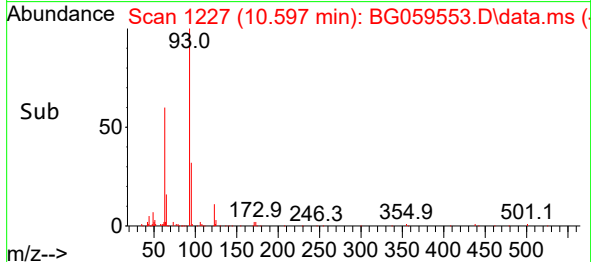
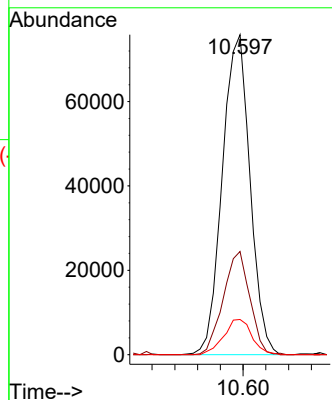
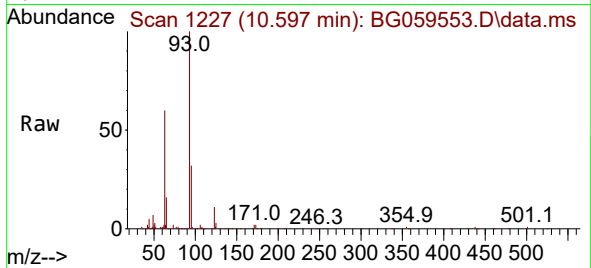




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.079 ng/ul
 RT: 10.597 min Scan# 1227
 Delta R.T. -0.003 min
 Lab File: BG059553.D
 Acq: 30 Oct 2023 20:10

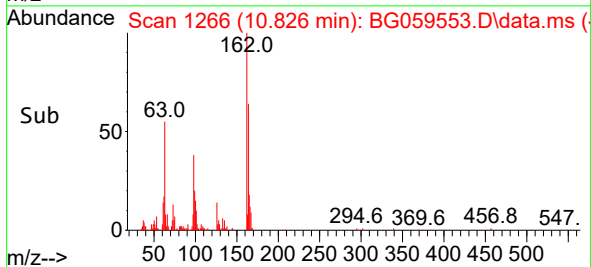
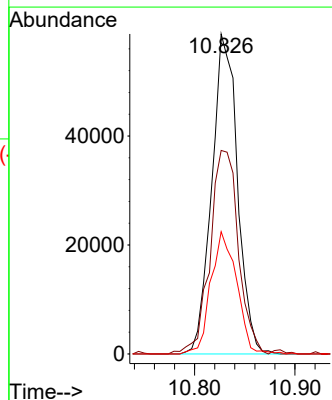
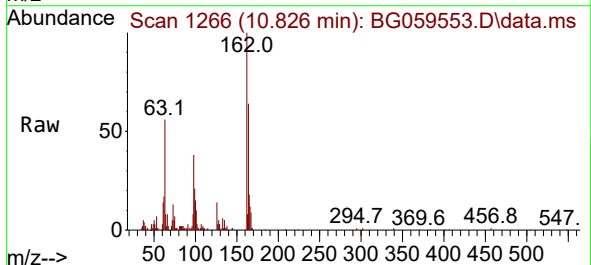
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020463

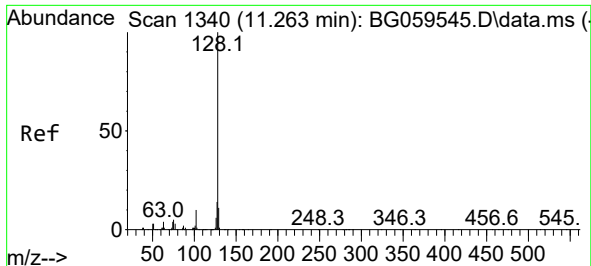
Tgt Ion: 93 Resp: 128282
 Ion Ratio Lower Upper
 93 100
 95 32.3 27.1 40.7
 123 11.0 10.3 15.5



#29
 2,4-Dichlorophenol
 Concen: 21.500 ng/ul
 RT: 10.826 min Scan# 1266
 Delta R.T. -0.002 min
 Lab File: BG059553.D
 Acq: 30 Oct 2023 20:10

Tgt Ion:162 Resp: 104512
 Ion Ratio Lower Upper
 162 100
 164 63.6 45.3 67.9
 98 38.2 32.2 48.4

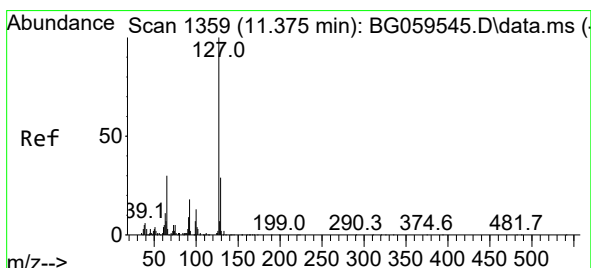
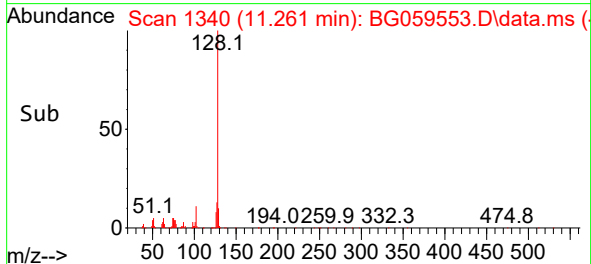
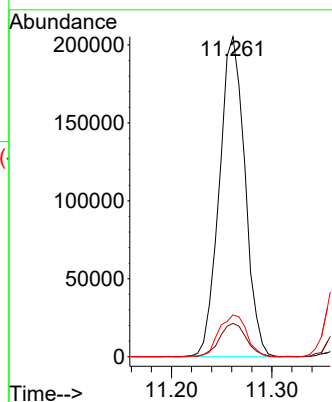
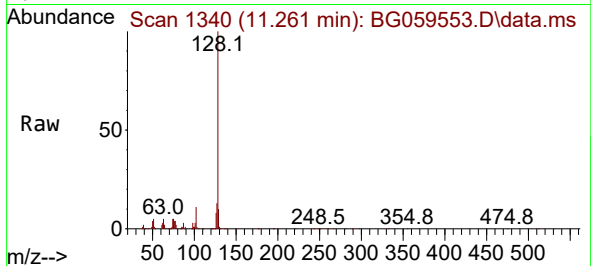




#30
Naphthalene
Concen: 18.673 ng/ul
RT: 11.261 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

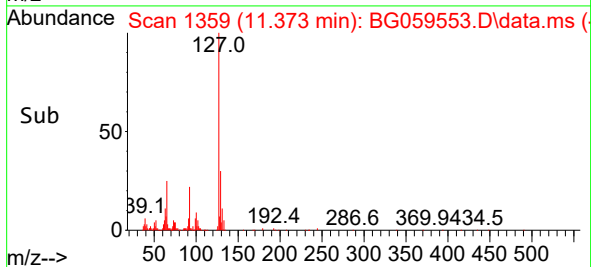
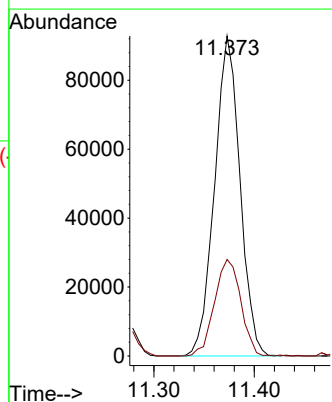
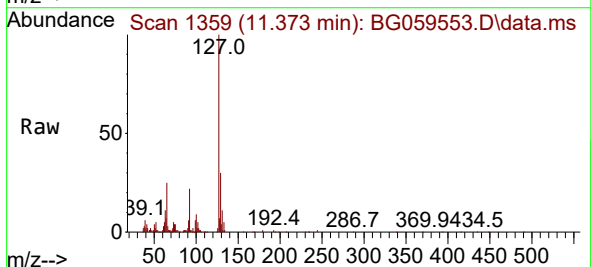
Instrument :
BNA_G
ClientSampleId :
SSTD020463

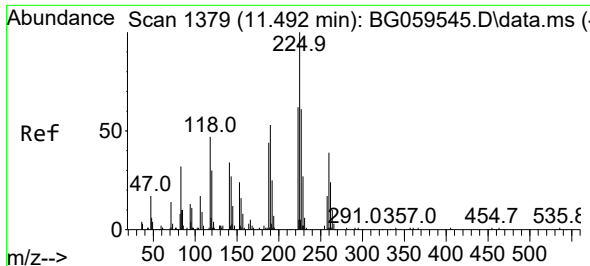
Tgt Ion:128 Resp: 363626
Ion Ratio Lower Upper
128 100
129 10.4 7.4 11.0
127 13.1 10.5 15.7



#32
4-Chloroaniline
Concen: 20.753 ng/ul
RT: 11.373 min Scan# 1359
Delta R.T. -0.002 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Tgt Ion:127 Resp: 163050
Ion Ratio Lower Upper
127 100
129 30.2 30.4 45.6#

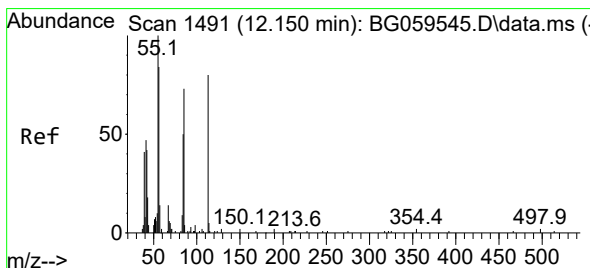
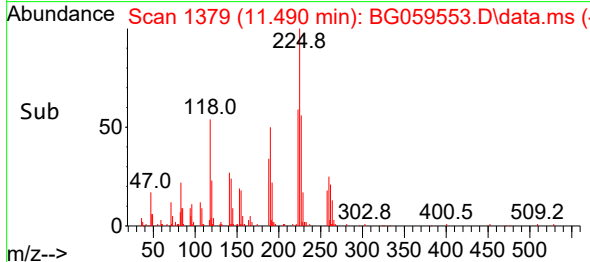
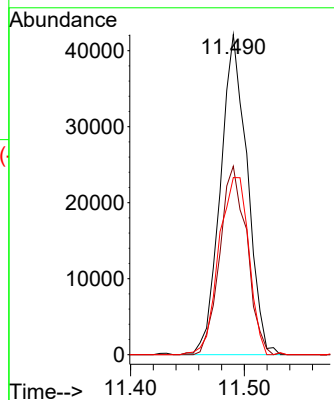
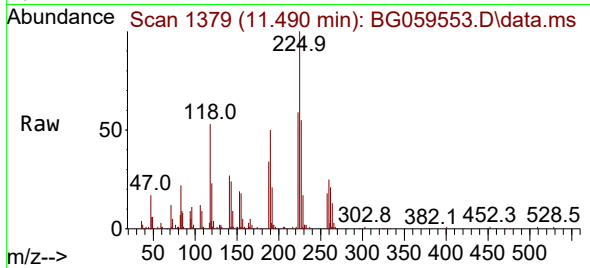




#33
Hexachlorobutadiene
Concen: 23.640 ng/ul
RT: 11.490 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

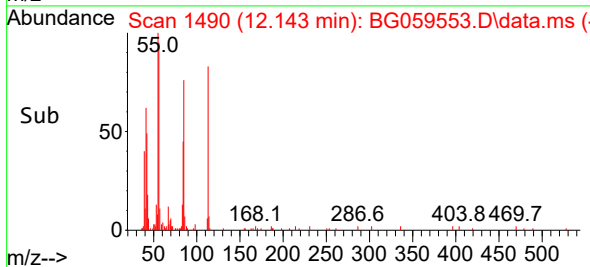
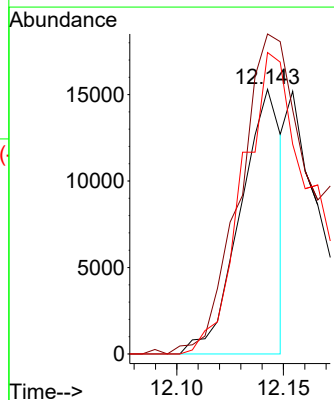
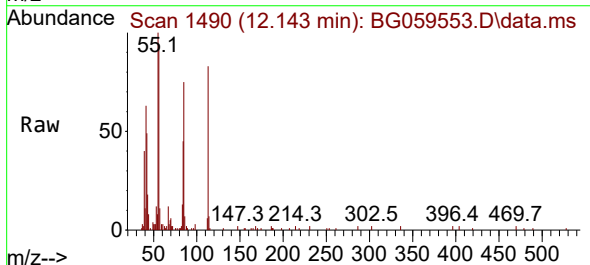
Instrument :
BNA_G
ClientSampleId :
SSTD020463

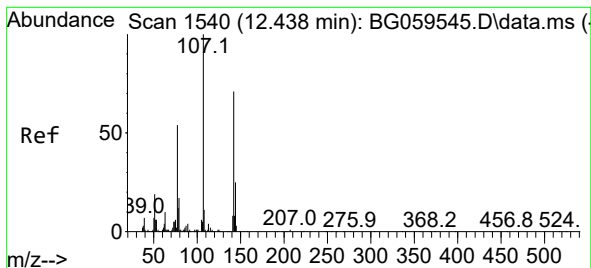
Tgt Ion:225 Resp: 68941
Ion Ratio Lower Upper
225 100
223 58.9 50.8 76.2
227 55.4 49.8 74.8



#34
Caprolactam
Concen: 11.623 ng/ul
RT: 12.143 min Scan# 1490
Delta R.T. -0.014 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Tgt Ion:113 Resp: 20670
Ion Ratio Lower Upper
113 100
55 120.9 86.9 130.3
56 113.9 64.4 96.6#

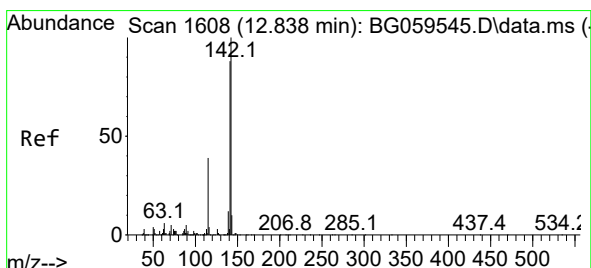
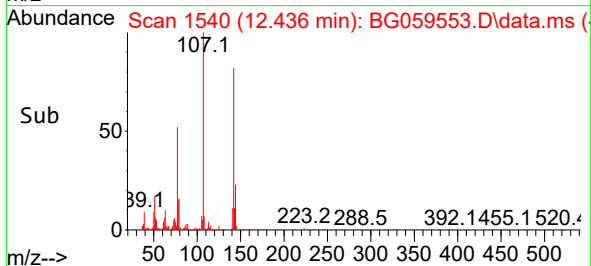
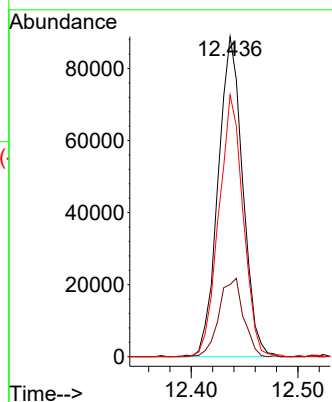
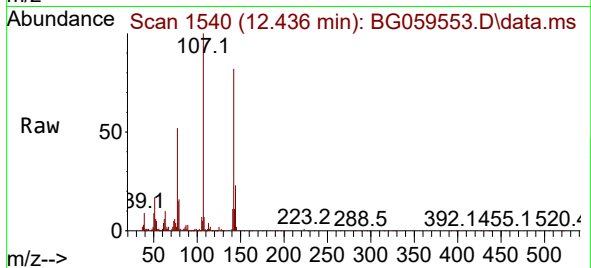




#35
 4-Chloro-3-methylphenol
 Concen: 24.543 ng/ul
 RT: 12.436 min Scan# 11
 Delta R.T. -0.002 min
 Lab File: BG059553.D
 Acq: 30 Oct 2023 20:10

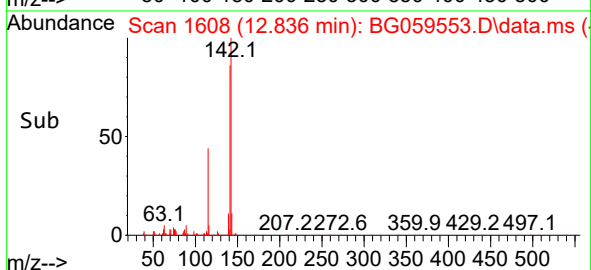
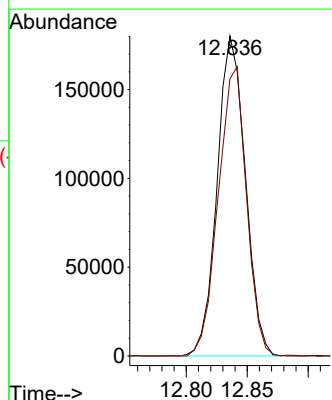
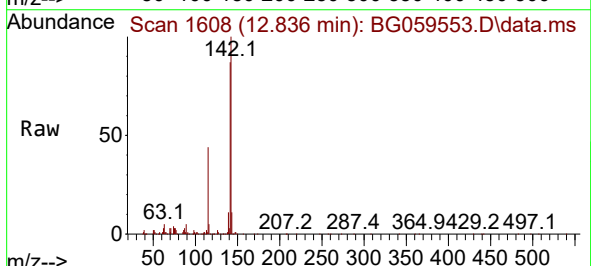
Instrument :
 BNA_G
 ClientSampleId :
 SST020463

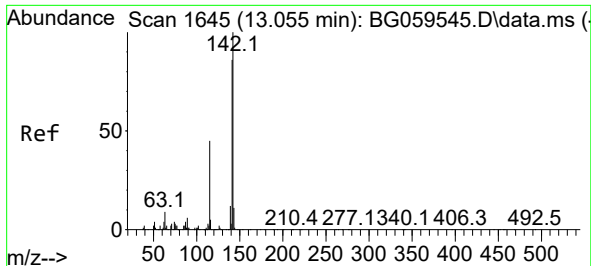
Tgt Ion:107 Resp: 142351
 Ion Ratio Lower Upper
 107 100
 144 22.6 21.0 31.6
 142 81.8 68.2 102.4



#36
 2-Methylnaphthalene
 Concen: 21.633 ng/ul
 RT: 12.836 min Scan# 1608
 Delta R.T. -0.008 min
 Lab File: BG059553.D
 Acq: 30 Oct 2023 20:10

Tgt Ion:142 Resp: 289814
 Ion Ratio Lower Upper
 142 100
 141 86.6 71.7 107.5





#37

1-Methylnaphthalene

Concen: 21.868 ng/ul

RT: 13.053 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG059553.D

Acq: 30 Oct 2023 20:10

Instrument :

BNA_G

ClientSampleId :

SSTD020463

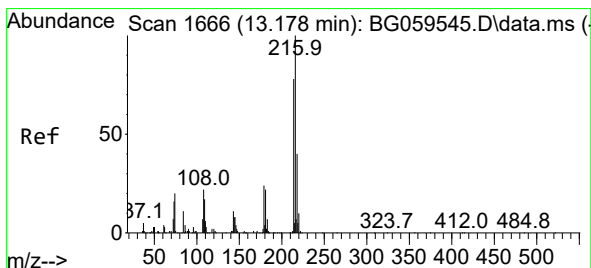
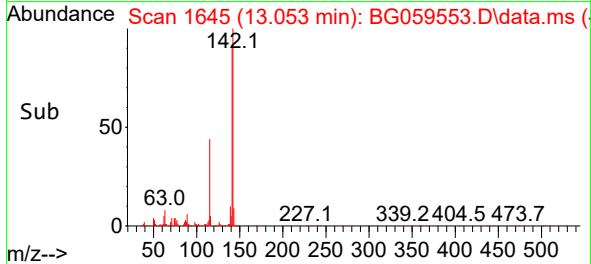
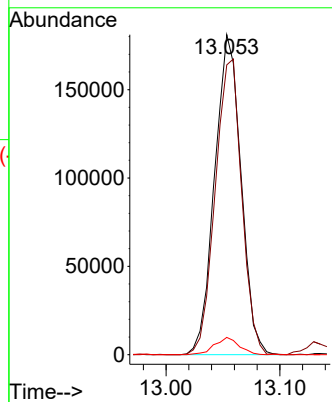
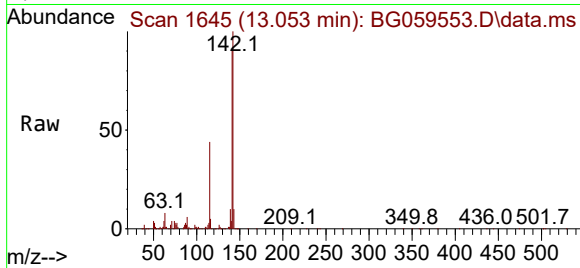
Tgt Ion:142 Resp: 291801

Ion Ratio Lower Upper

142 100

141 90.6 73.1 109.7

116 5.4 3.3 4.9#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 15.817 ng/ul

RT: 13.177 min Scan# 1666

Delta R.T. -0.002 min

Lab File: BG059553.D

Acq: 30 Oct 2023 20:10

Tgt Ion:216 Resp: 121384

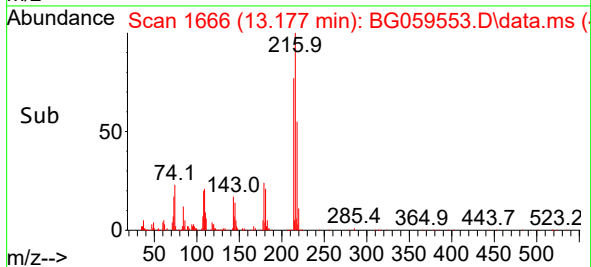
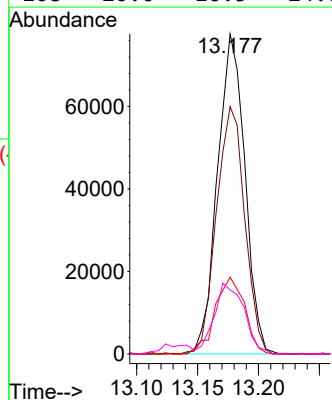
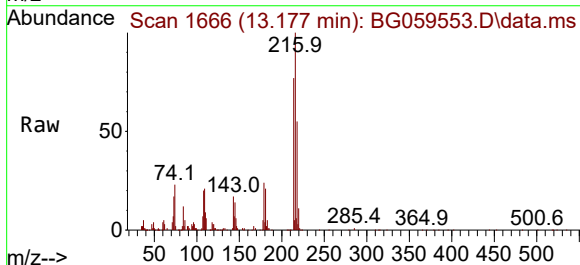
Ion Ratio Lower Upper

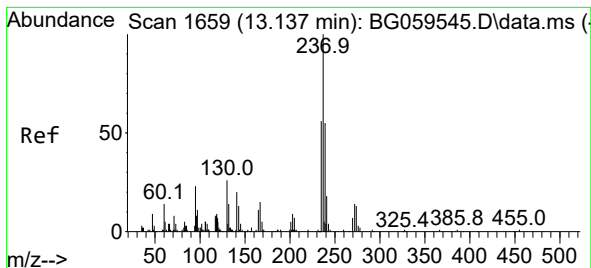
216 100

214 77.3 63.7 95.5

179 24.0 19.2 28.8

108 20.0 16.5 24.7





#40

Hexachlorocyclopentadiene

Concen: 14.140 ng/ul

RT: 13.136 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059553.D

Acq: 30 Oct 2023 20:10

Instrument :

BNA_G

ClientSampleId :

SSTD020463

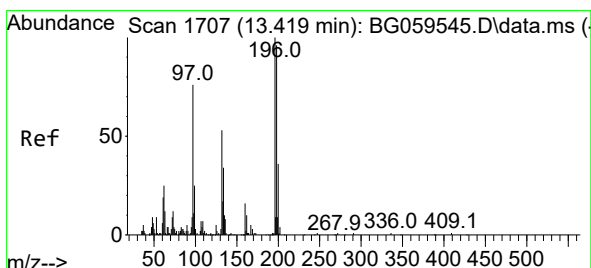
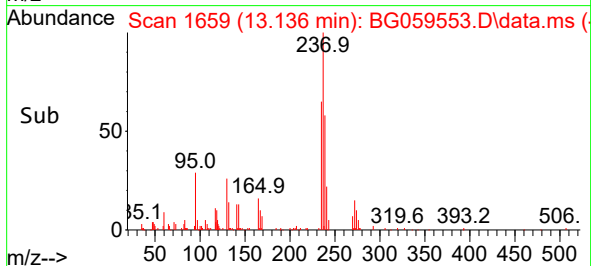
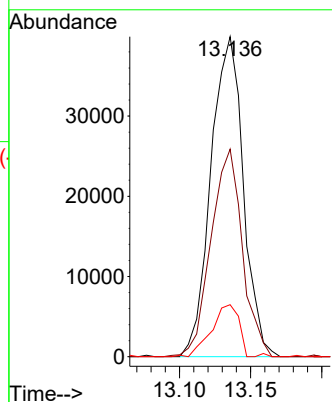
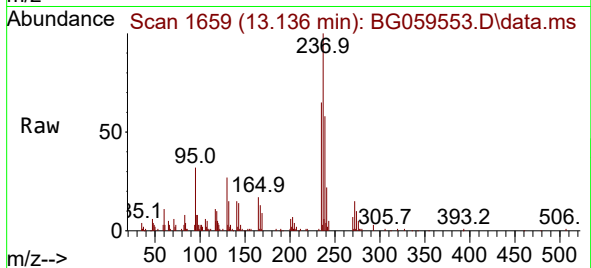
Tgt Ion:237 Resp: 63255

Ion Ratio Lower Upper

237 100

235 64.9 46.6 69.8

272 16.3 13.0 19.4



#41

2,4,6-Trichlorophenol

Concen: 18.217 ng/ul

RT: 13.418 min Scan# 1707

Delta R.T. -0.002 min

Lab File: BG059553.D

Acq: 30 Oct 2023 20:10

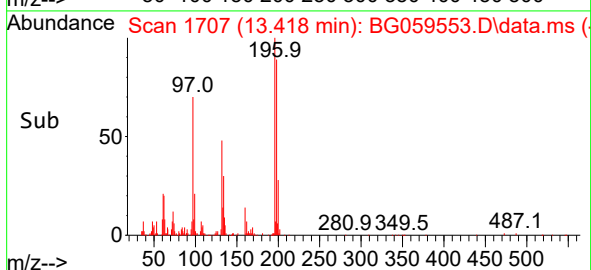
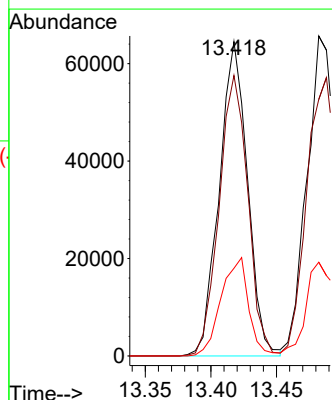
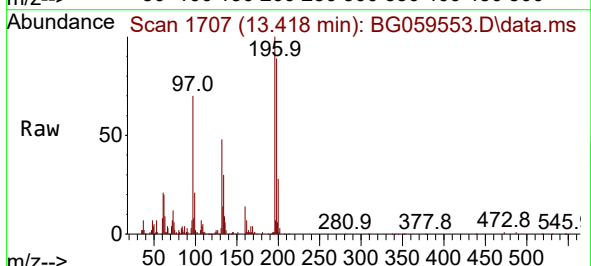
Tgt Ion:196 Resp: 96801

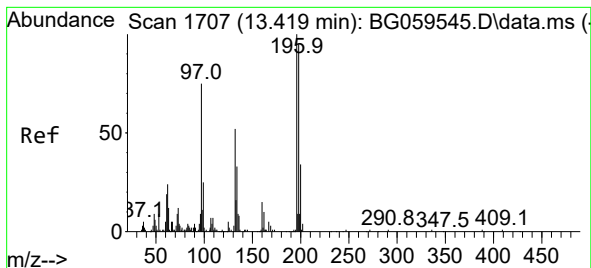
Ion Ratio Lower Upper

196 100

198 89.2 69.6 104.4

200 27.9 23.8 35.8

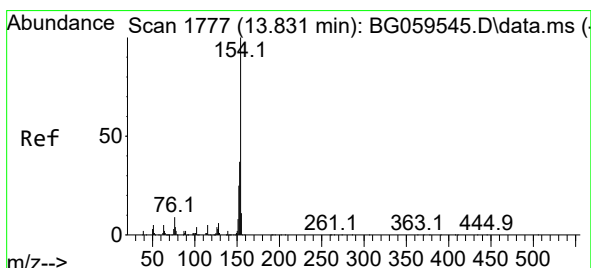
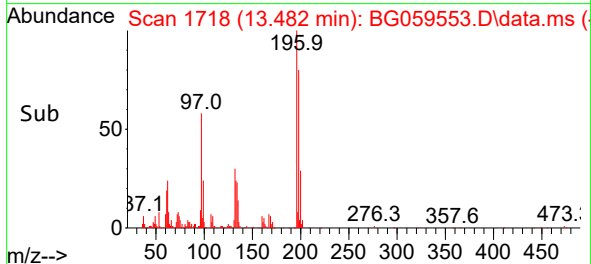
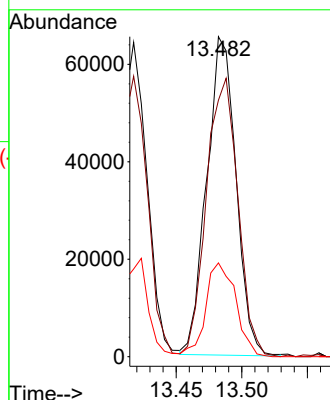
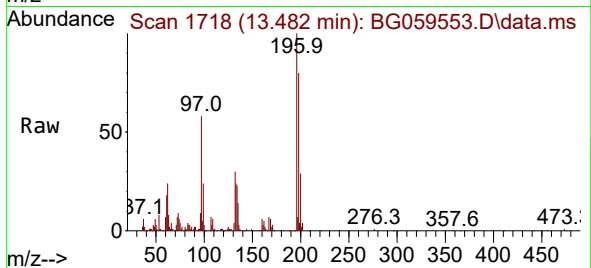




#42
2,4,5-Trichlorophenol
Concen: 17.667 ng/ul
RT: 13.482 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

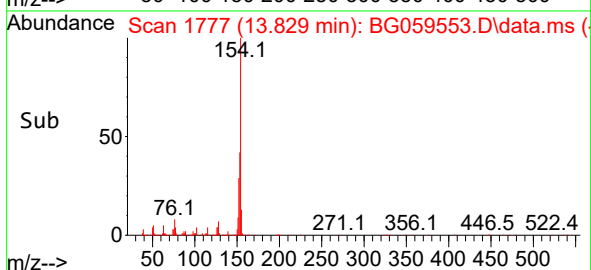
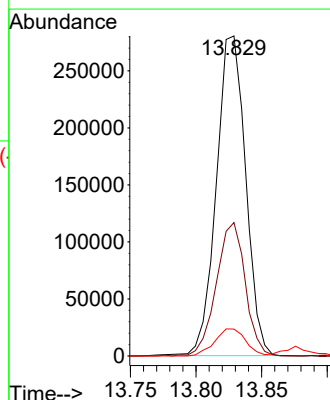
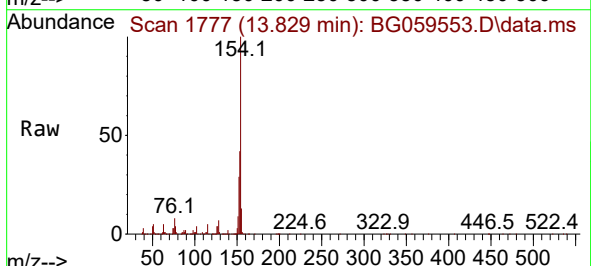
Instrument :
BNA_G
ClientSampleId :
SSTD020463

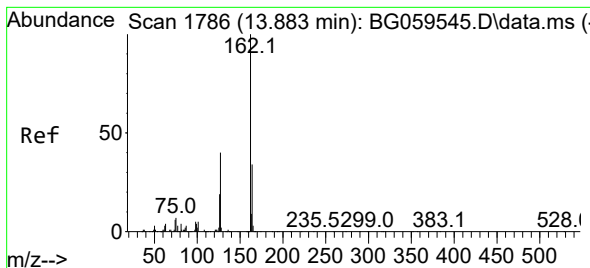
Tgt Ion:196 Resp: 101638
Ion Ratio Lower Upper
196 100
198 80.2 79.8 119.6
200 31.0 28.0 42.0



#43
1,1'-Biphenyl
Concen: 18.040 ng/ul
RT: 13.829 min Scan# 1777
Delta R.T. -0.002 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Tgt Ion:154 Resp: 434209
Ion Ratio Lower Upper
154 100
153 41.7 30.7 46.1
76 8.4 8.2 12.4





#44

2-Chloronaphthalene

Concen: 18.207 ng/ul

RT: 13.876 min Scan# 11

Delta R.T. -0.008 min

Lab File: BG059553.D

Acq: 30 Oct 2023 20:10

Instrument :

BNA_G

ClientSampleId :

SSTD020463

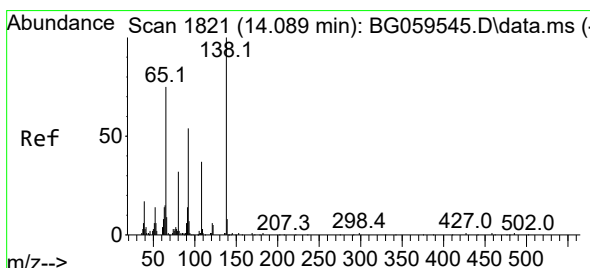
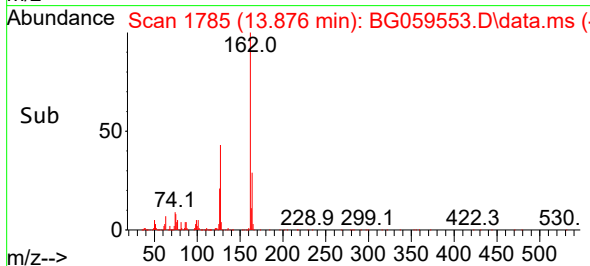
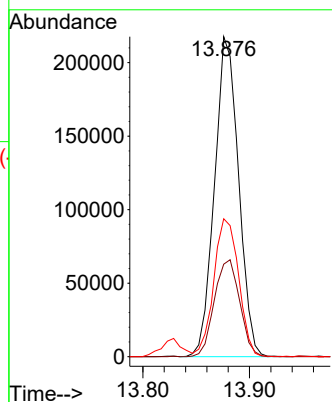
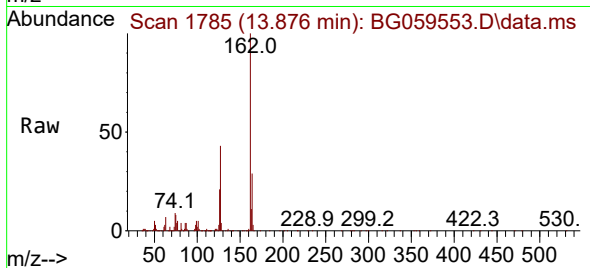
Tgt Ion:162 Resp: 340603

Ion Ratio Lower Upper

162 100

164 28.9 23.9 35.9

127 43.1 35.3 52.9



#45

2-Nitroaniline

Concen: 25.159 ng/ul

RT: 14.087 min Scan# 1821

Delta R.T. -0.002 min

Lab File: BG059553.D

Acq: 30 Oct 2023 20:10

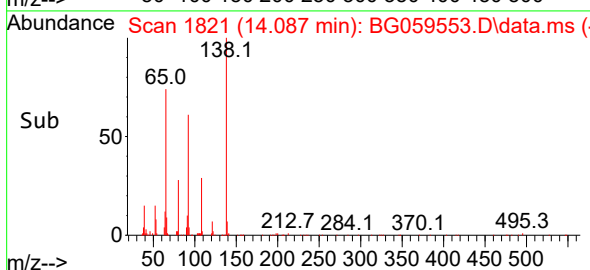
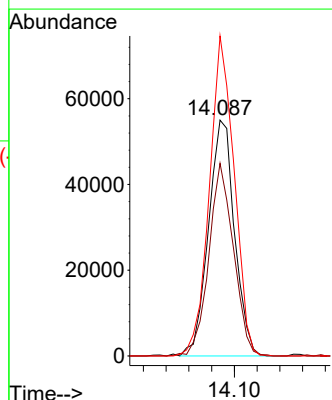
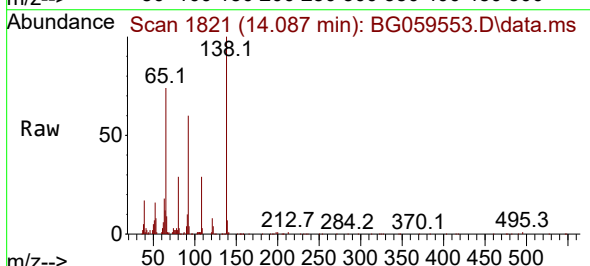
Tgt Ion: 65 Resp: 87573

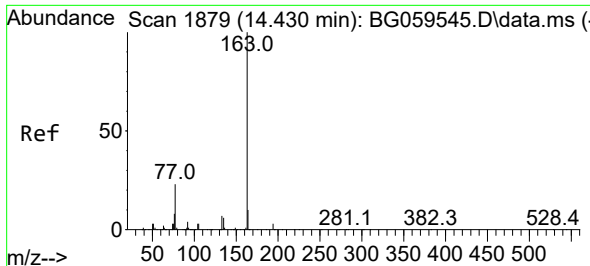
Ion Ratio Lower Upper

65 100

92 81.7 59.6 89.4

138 135.7 109.0 163.6

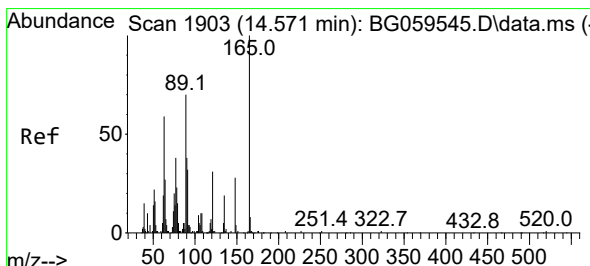
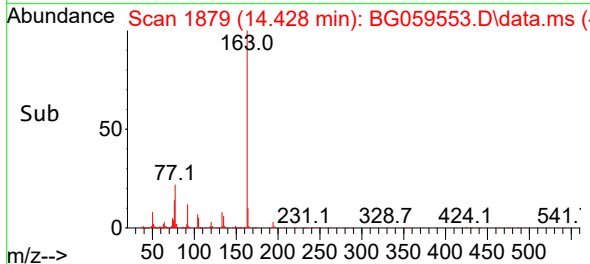
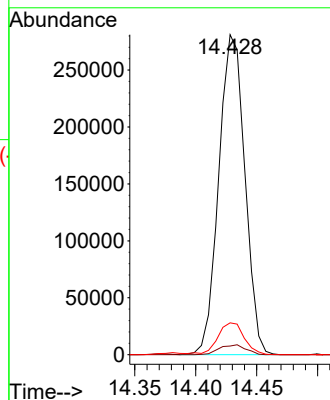
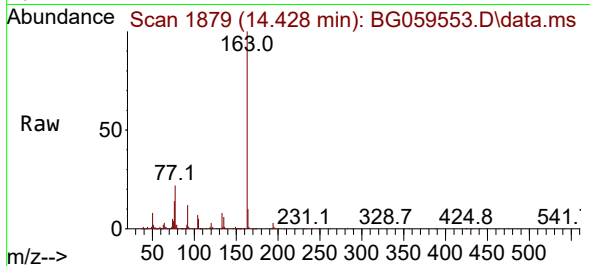




#47
Dimethylphthalate
Concen: 17.589 ng/ul
RT: 14.428 min Scan# 1879
Delta R.T. -0.008 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

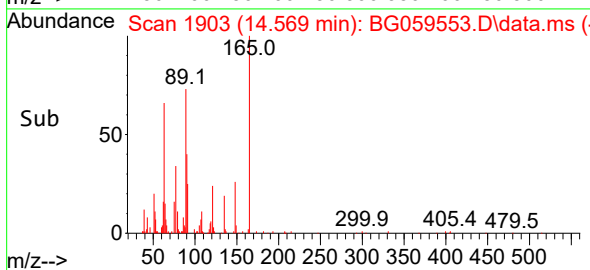
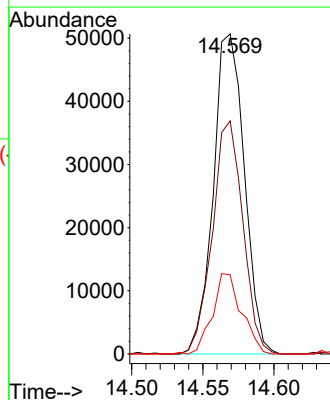
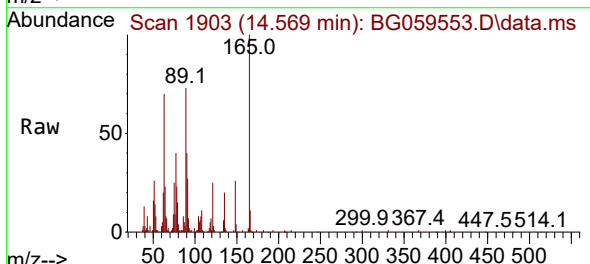
Instrument :
BNA_G
ClientSampleId :
SSTD020463

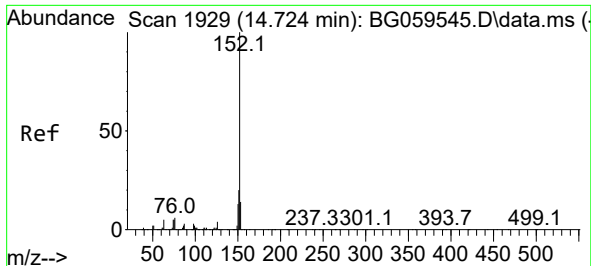
Tgt Ion:163 Resp: 418890
Ion Ratio Lower Upper
163 100
194 2.7 2.6 3.8
164 10.0 6.6 10.0#



#48
2,6-Dinitrotoluene
Concen: 21.467 ng/ul
RT: 14.569 min Scan# 1903
Delta R.T. -0.002 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Tgt Ion:165 Resp: 77121
Ion Ratio Lower Upper
165 100
89 72.8 41.0 61.4#
121 24.7 12.3 18.5#

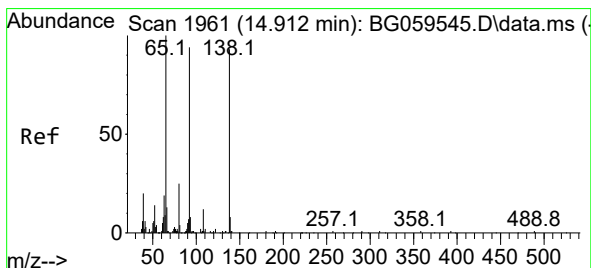
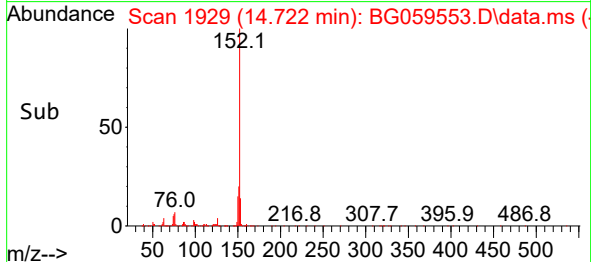
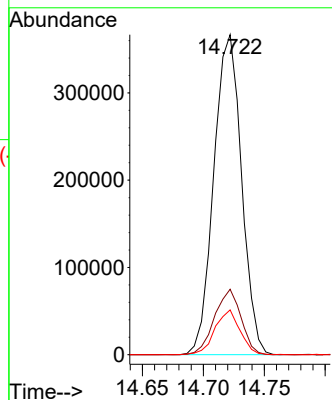
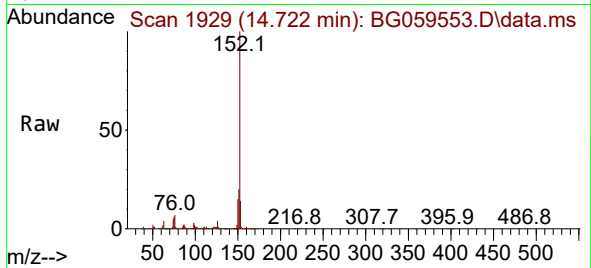




#50
Acenaphthylene
Concen: 17.823 ng/ul
RT: 14.722 min Scan# 1929
Delta R.T. -0.002 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

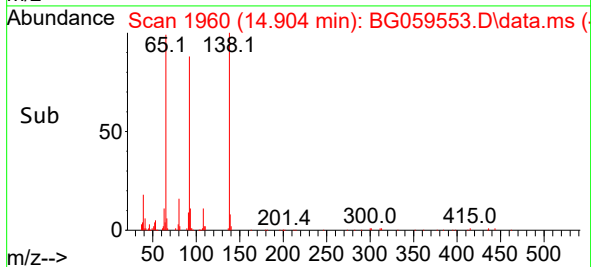
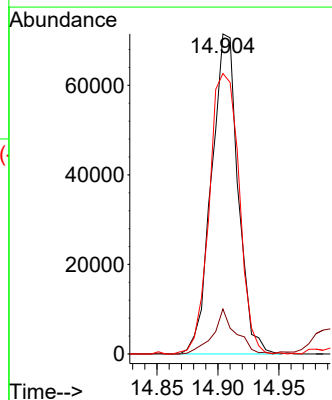
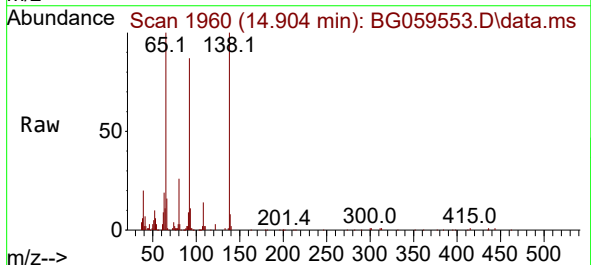
Instrument :
BNA_G
ClientSampleId :
SSTD020463

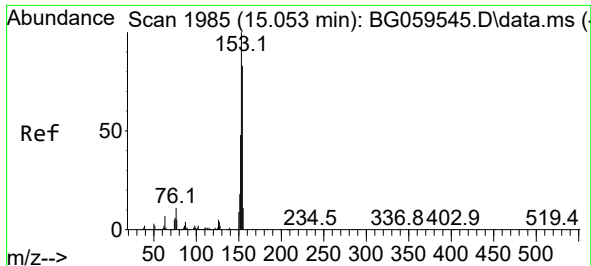
Tgt Ion:152 Resp: 580937
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0
153 14.0 9.4 14.2



#51
3-Nitroaniline
Concen: 24.277 ng/ul
RT: 14.904 min Scan# 1960
Delta R.T. -0.003 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Tgt Ion:138 Resp: 108714
Ion Ratio Lower Upper
138 100
108 14.1 17.1 25.7#
92 87.7 101.8 152.8#

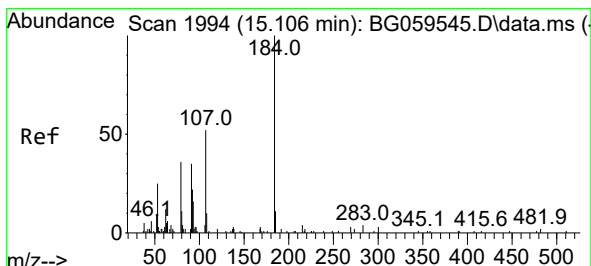
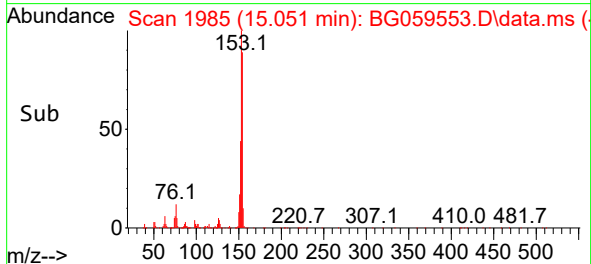
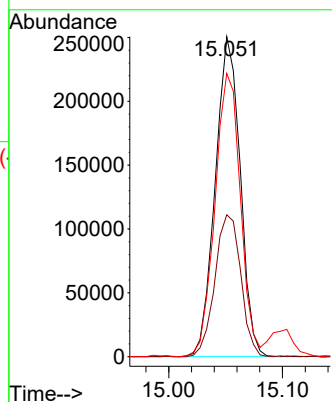
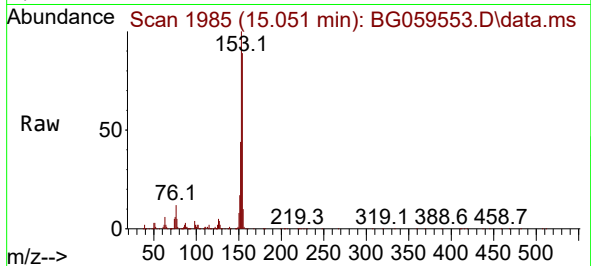




#52
Acenaphthene
Concen: 17.987 ng/ul
RT: 15.051 min Scan# 1985
Delta R.T. -0.003 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

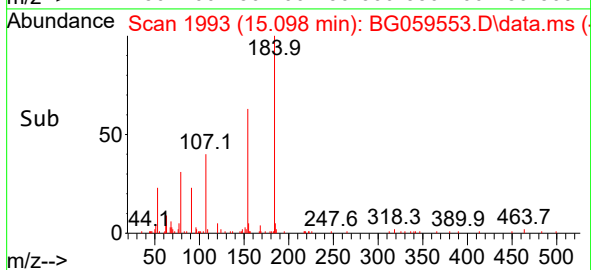
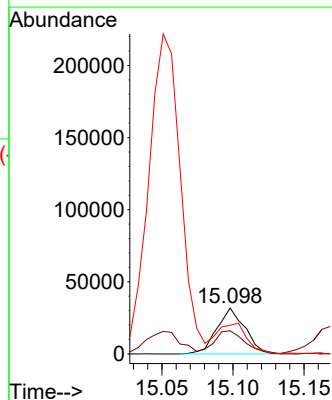
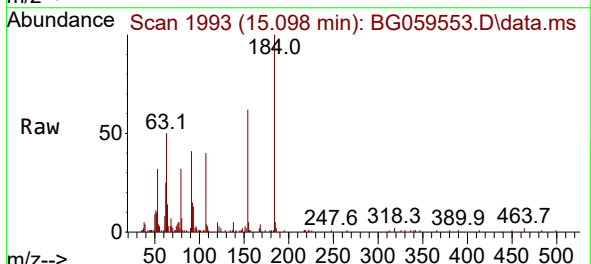
Instrument :
BNA_G
ClientSampleId :
SSTD020463

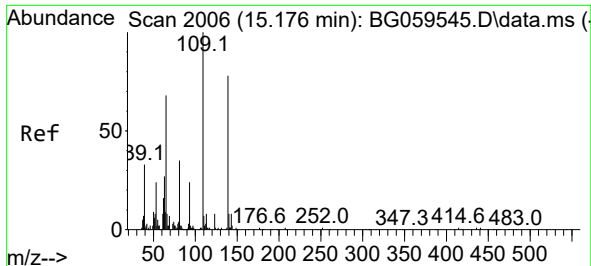
Tgt Ion:153 Resp: 382153
Ion Ratio Lower Upper
153 100
152 44.4 37.6 56.4
154 88.5 69.4 104.0



#53
2,4-Dinitrophenol
Concen: 21.529 ng/ul
RT: 15.098 min Scan# 1993
Delta R.T. -0.002 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Tgt Ion:184 Resp: 43947
Ion Ratio Lower Upper
184 100
63 50.4 35.0 52.6
154 62.3 49.8 74.8

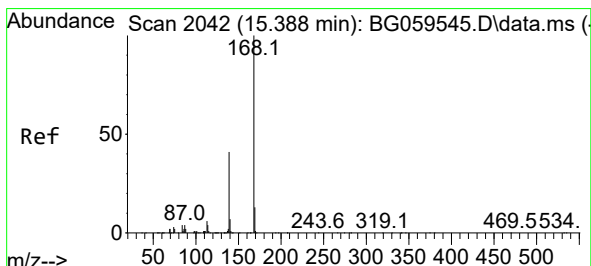
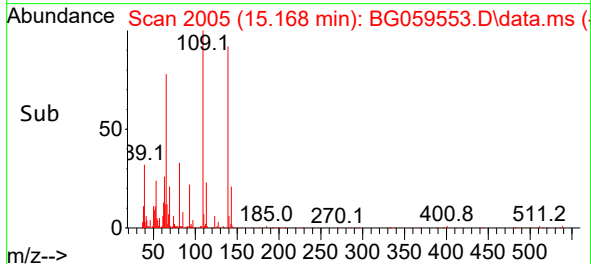
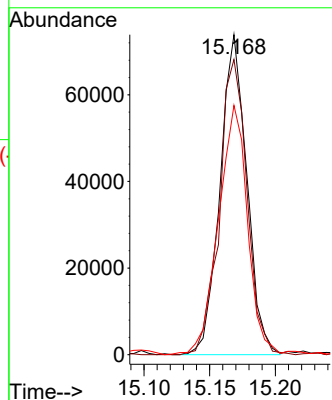
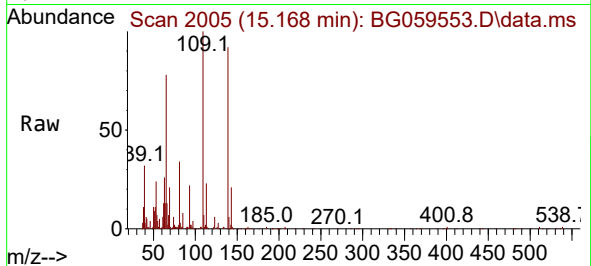




#55
4-Nitrophenol
Concen: 23.047 ng/ul
RT: 15.168 min Scan# 2006
Delta R.T. 0.003 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

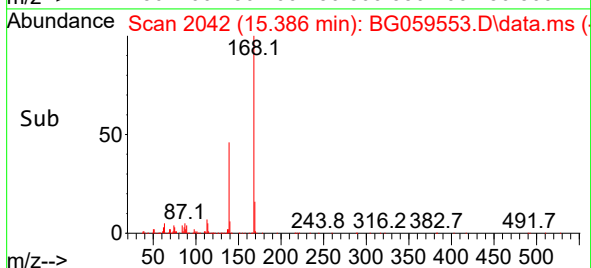
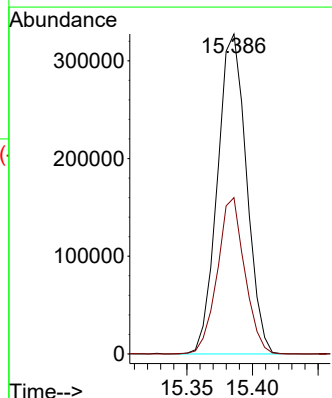
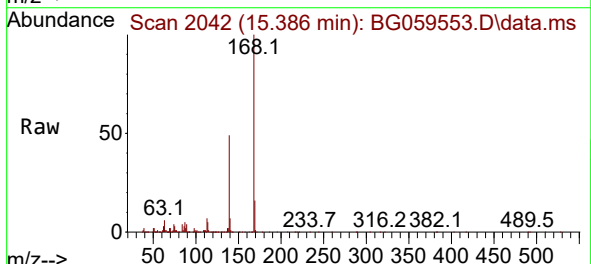
Instrument :
BNA_G
ClientSampleId :
SSTD020463

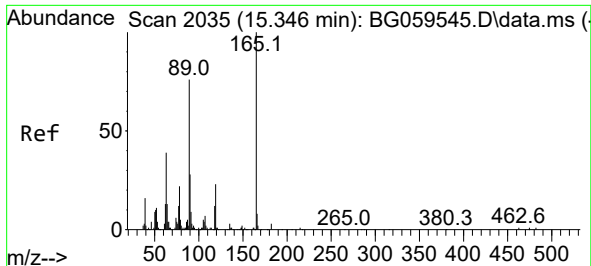
Tgt Ion:109 Resp: 104993
Ion Ratio Lower Upper
109 100
139 92.2 72.2 108.2
65 77.9 57.3 85.9



#56
Dibenzofuran
Concen: 18.287 ng/ul
RT: 15.386 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Tgt Ion:168 Resp: 503706
Ion Ratio Lower Upper
168 100
139 48.9 33.8 50.8

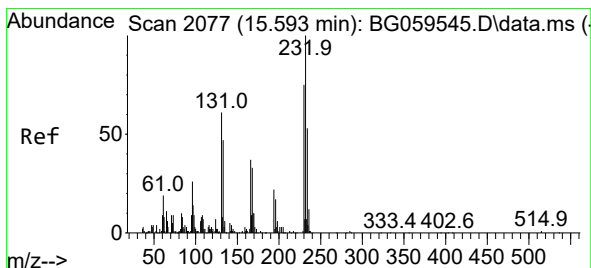
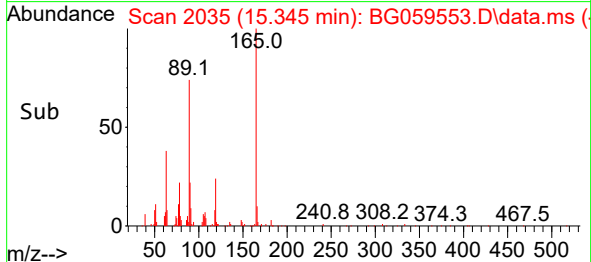
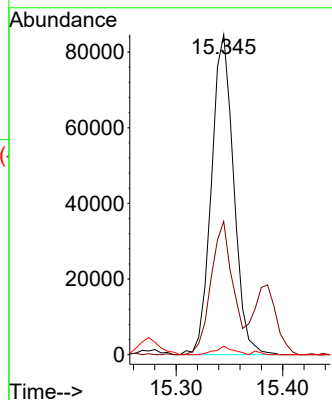
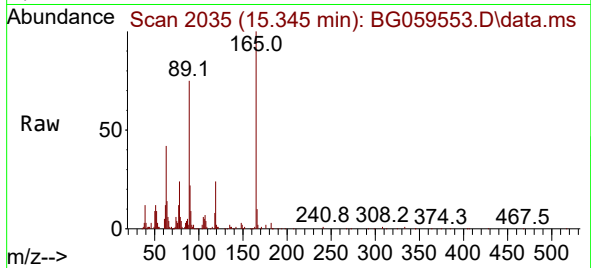




#57
2,4-Dinitrotoluene
Concen: 24.255 ng/ul
RT: 15.345 min Scan# 2035
Delta R.T. -0.003 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

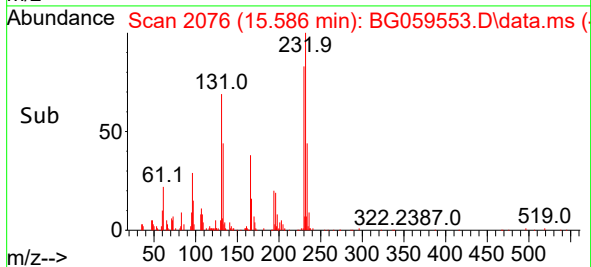
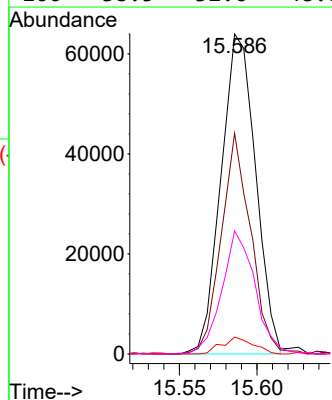
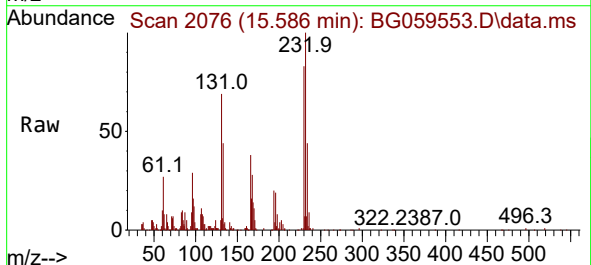
Instrument :
BNA_G
ClientSampleId :
SSTD020463

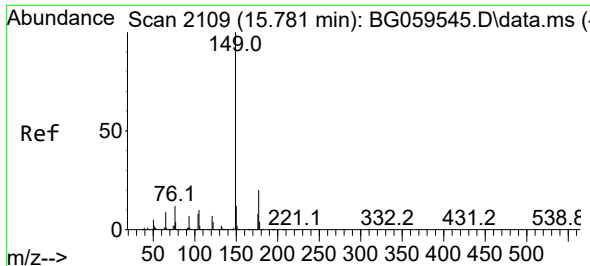
Tgt Ion:165 Resp: 122568
Ion Ratio Lower Upper
165 100
63 41.6 30.9 46.3
182 2.7 1.8 2.6#



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.959 ng/ul
RT: 15.586 min Scan# 2076
Delta R.T. -0.002 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Tgt Ion:232 Resp: 99152
Ion Ratio Lower Upper
232 100
131 69.0 44.2 66.2#
130 5.3 2.3 3.5#
166 38.5 32.6 48.8

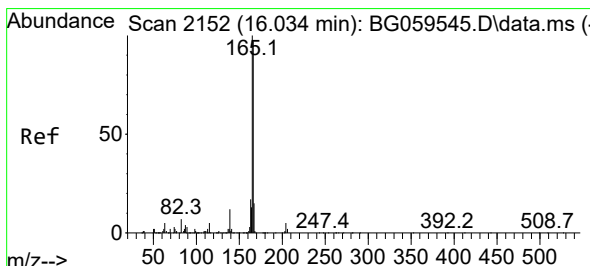
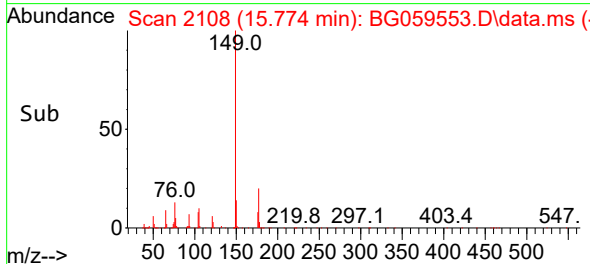
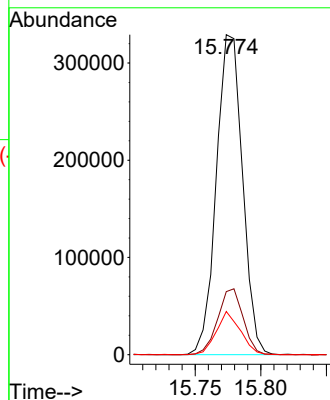
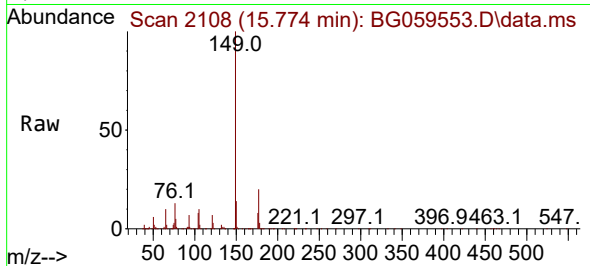




#59
Diethylphthalate
Concen: 17.554 ng/ul
RT: 15.774 min Scan# 2108
Delta R.T. -0.008 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

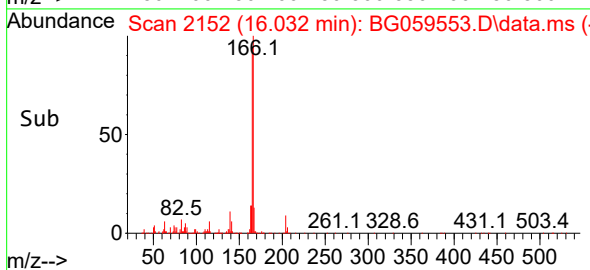
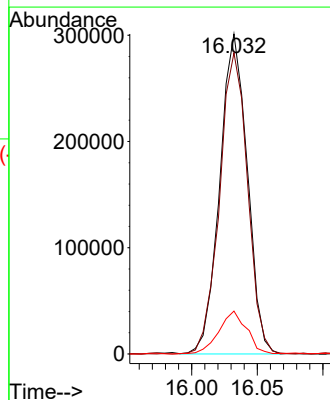
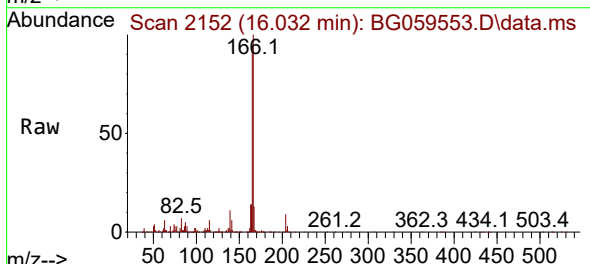
Instrument :
BNA_G
ClientSampleId :
SSTD020463

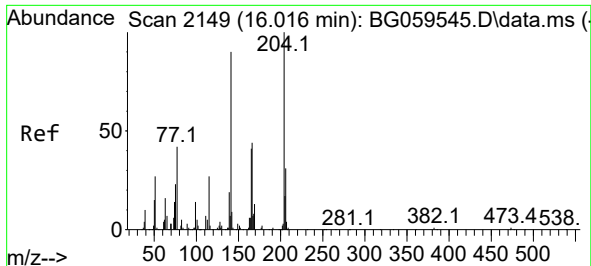
Tgt Ion:149 Resp: 456033
Ion Ratio Lower Upper
149 100
177 19.7 16.3 24.5
150 13.5 9.1 13.7



#61
Fluorene
Concen: 18.483 ng/ul
RT: 16.032 min Scan# 2152
Delta R.T. -0.002 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Tgt Ion:166 Resp: 439507
Ion Ratio Lower Upper
166 100
165 94.1 74.4 111.6
167 13.4 9.1 13.7

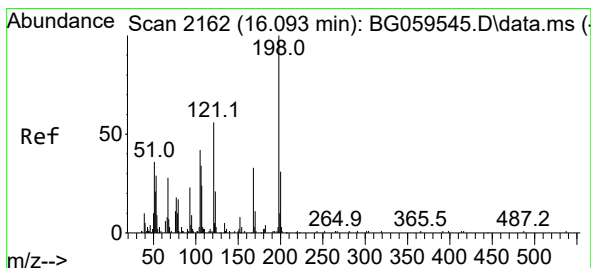
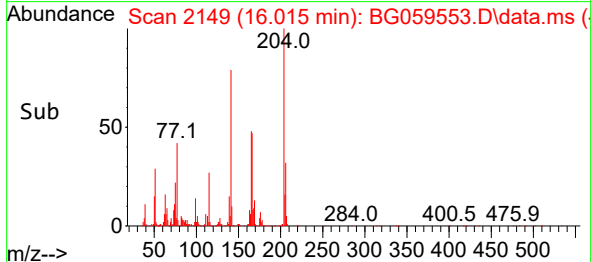
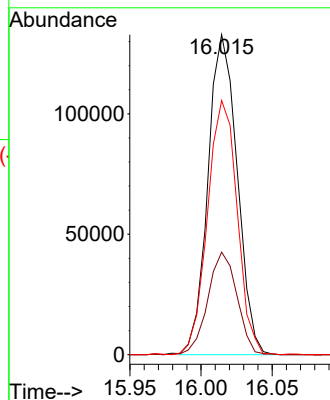
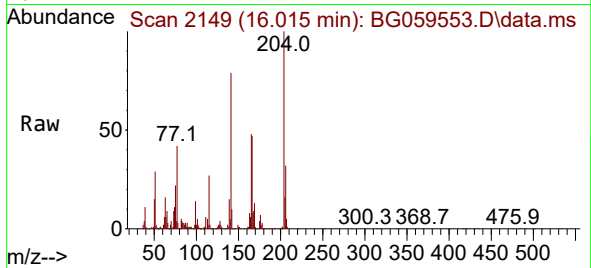




#62
4-Chlorophenyl-phenylether
Concen: 18.703 ng/ul
RT: 16.015 min Scan# 2149
Delta R.T. -0.008 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

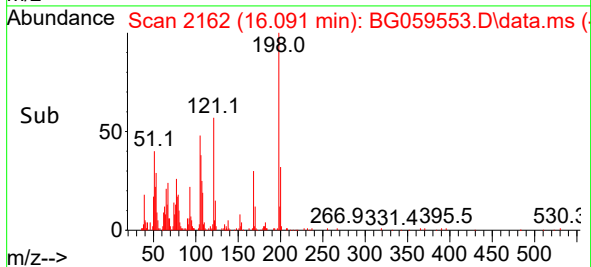
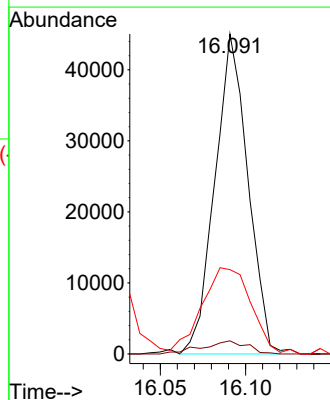
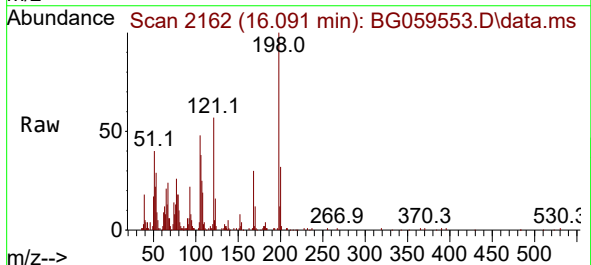
Instrument :
BNA_G
ClientSampleId :
SSTD020463

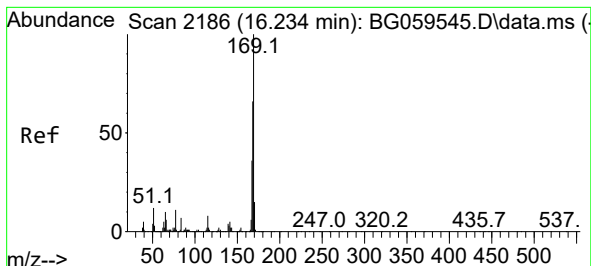
Tgt Ion:204 Resp: 190071
Ion Ratio Lower Upper
204 100
206 32.0 28.8 43.2
141 79.5 68.6 103.0



#66
4,6-Dinitro-2-methylphenol
Concen: 20.455 ng/ul
RT: 16.091 min Scan# 2162
Delta R.T. -0.002 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Tgt Ion:198 Resp: 60616
Ion Ratio Lower Upper
198 100
182 4.1 1.4 2.0#
77 26.4 15.8 23.8#





#67

N-Nitrosodiphenylamine

Concen: 18.353 ng/ul

RT: 16.232 min Scan# 2186

Delta R.T. -0.002 min

Lab File: BG059553.D

Acq: 30 Oct 2023 20:10

Instrument :

BNA_G

ClientSampleId :

SSTD020463

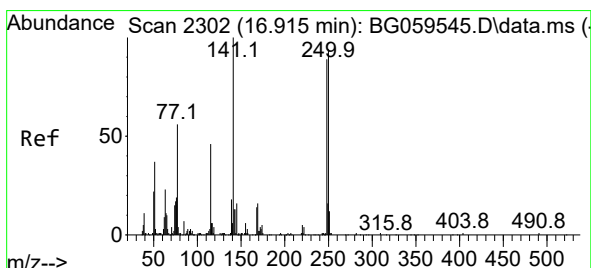
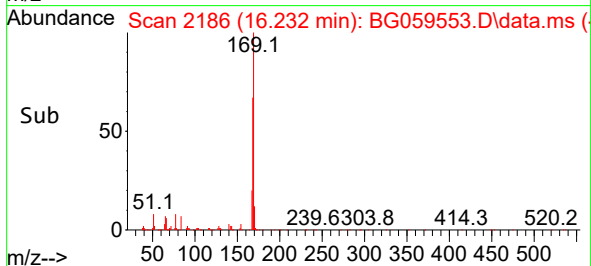
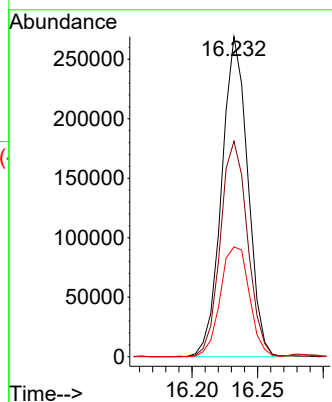
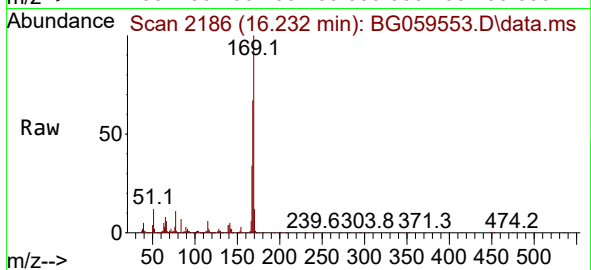
Tgt Ion:169 Resp: 372339

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.2

167 34.3 31.3 46.9



#68

4-Bromophenyl-phenylether

Concen: 18.791 ng/ul

RT: 16.913 min Scan# 2302

Delta R.T. -0.002 min

Lab File: BG059553.D

Acq: 30 Oct 2023 20:10

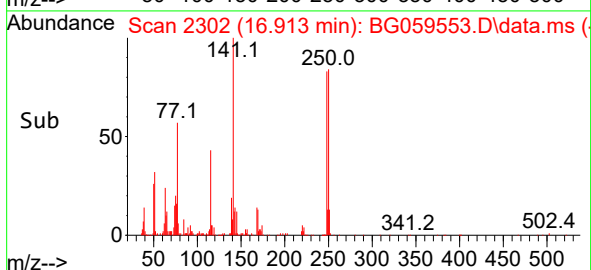
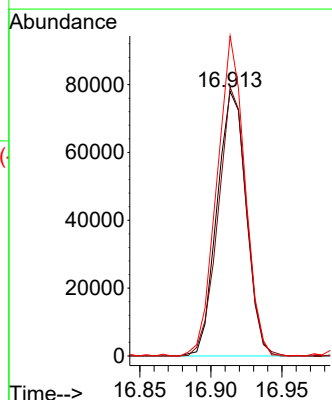
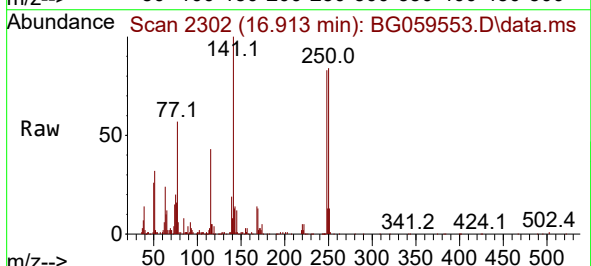
Tgt Ion:248 Resp: 111647

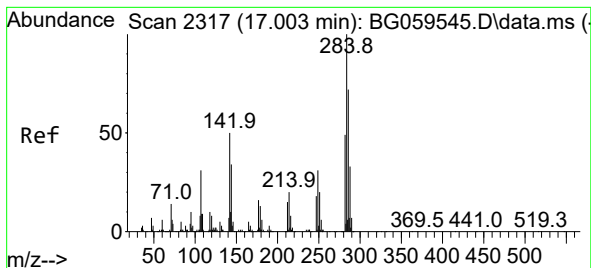
Ion Ratio Lower Upper

248 100

250 101.6 74.2 111.2

141 121.0 88.5 132.7





#69

Hexachlorobenzene

Concen: 20.340 ng/ul

RT: 17.002 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG059553.D

Acq: 30 Oct 2023 20:10

Instrument :

BNA_G

ClientSampleId :

SSTD020463

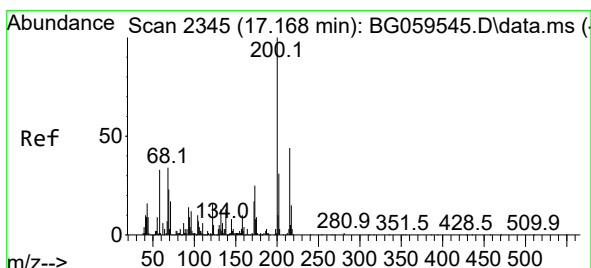
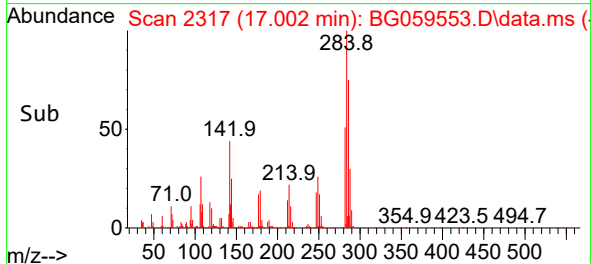
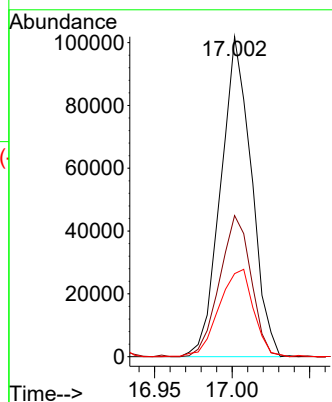
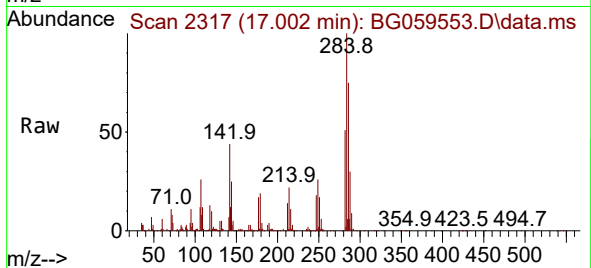
Tgt Ion:284 Resp: 139668

Ion Ratio Lower Upper

284 100

142 44.1 39.6 59.4

249 26.0 28.2 42.2#



#70

Atrazine

Concen: 19.964 ng/ul

RT: 17.166 min Scan# 2345

Delta R.T. -0.008 min

Lab File: BG059553.D

Acq: 30 Oct 2023 20:10

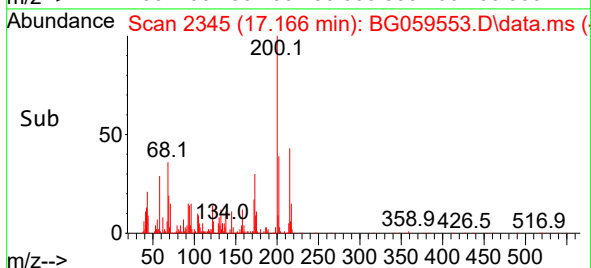
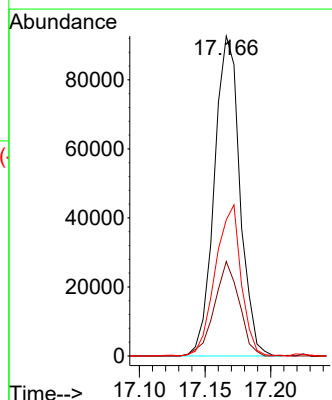
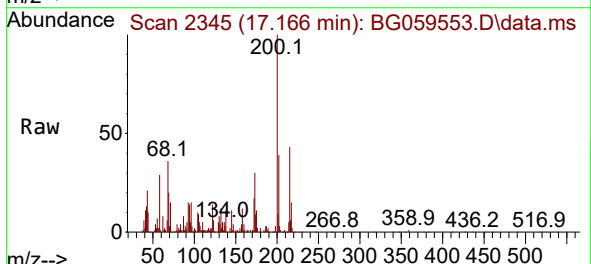
Tgt Ion:200 Resp: 125504

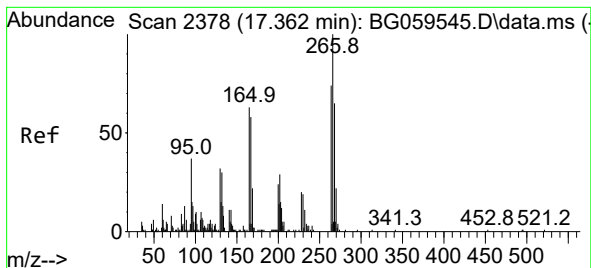
Ion Ratio Lower Upper

200 100

173 29.5 25.7 38.5

215 42.5 32.1 48.1





#71

Pentachlorophenol

Concen: 21.726 ng/ul

RT: 17.354 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG059553.D

Acq: 30 Oct 2023 20:10

Instrument :

BNA_G

ClientSampleId :

SSTD020463

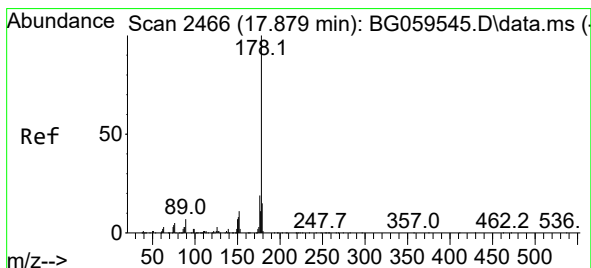
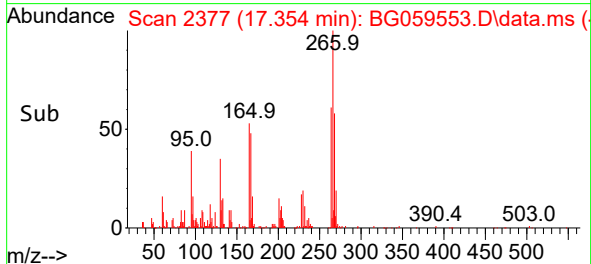
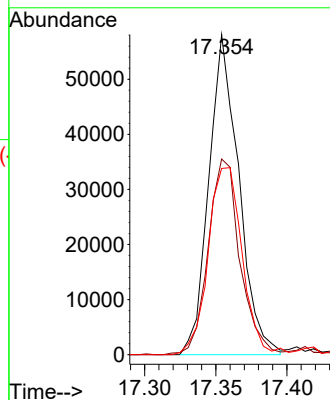
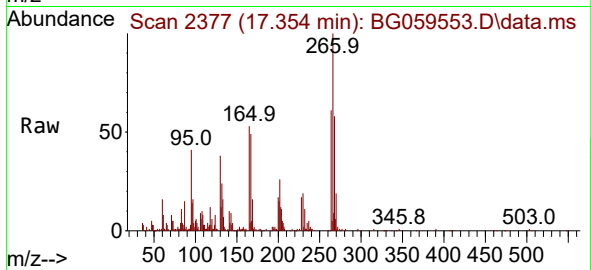
Tgt Ion:266 Resp: 85225

Ion Ratio Lower Upper

266 100

264 61.1 46.2 69.2

268 58.2 46.4 69.6



#72

Phenanthrene

Concen: 18.561 ng/ul

RT: 17.783 min Scan# 2450

Delta R.T. -0.003 min

Lab File: BG059553.D

Acq: 30 Oct 2023 20:10

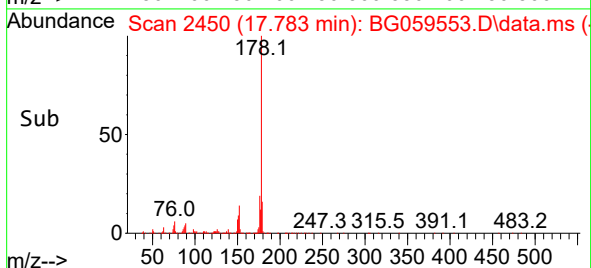
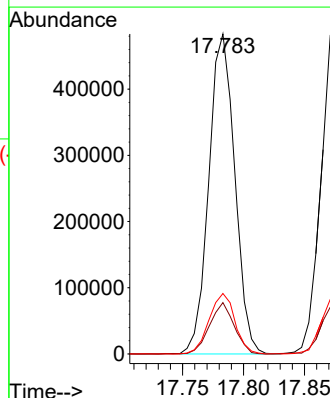
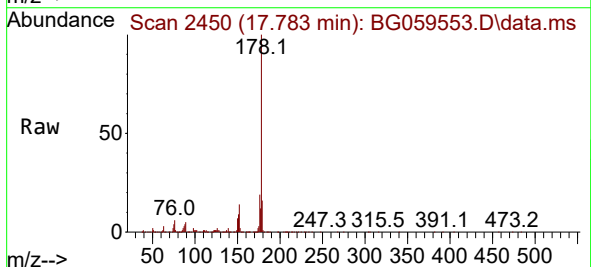
Tgt Ion:178 Resp: 716455

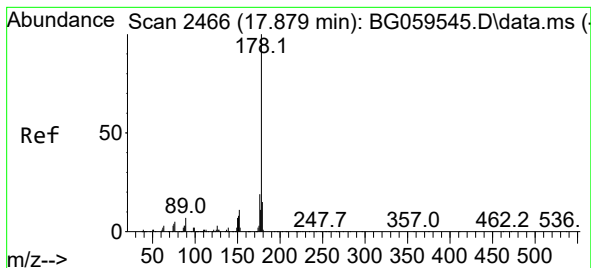
Ion Ratio Lower Upper

178 100

179 16.0 11.3 16.9

176 18.9 15.4 23.0





#74

Anthracene

Concen: 19.242 ng/uI

RT: 17.877 min Scan# 24

Delta R.T. -0.002 min

Lab File: BG059553.D

Acq: 30 Oct 2023 20:10

Instrument :

BNA_G

ClientSampleId :

SSTD020463

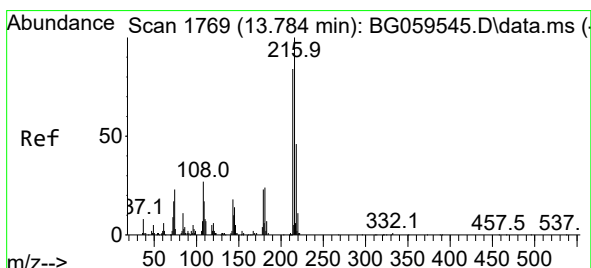
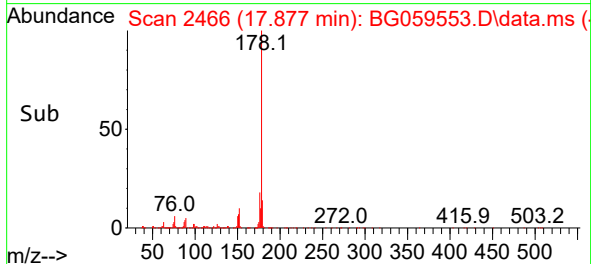
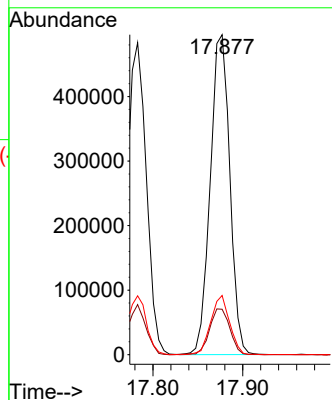
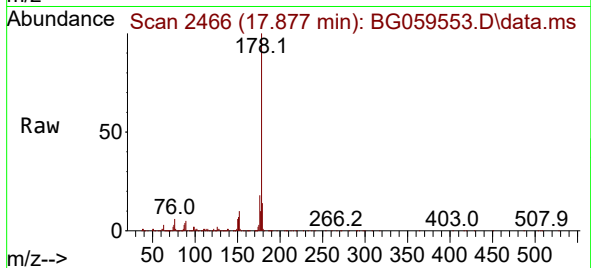
Tgt Ion:178 Resp: 749944

Ion Ratio Lower Upper

178 100

179 14.2 13.1 19.7

176 18.5 13.9 20.9



#75

1,2,3,4-Tetrachlorobenzene

Concen: 17.453 ng/uL

RT: 13.788 min Scan# 1770

Delta R.T. -0.002 min

Lab File: BG059553.D

Acq: 30 Oct 2023 20:10

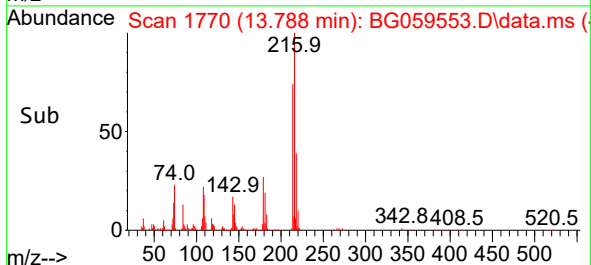
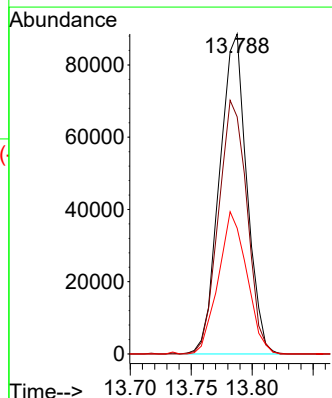
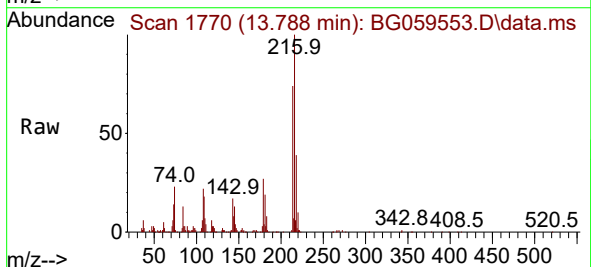
Tgt Ion:216 Resp: 138000

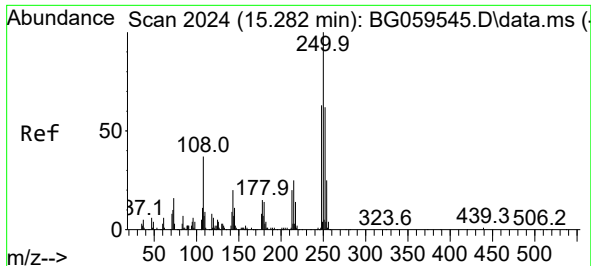
Ion Ratio Lower Upper

216 100

214 74.1 70.2 105.2

218 39.3 39.9 59.9#

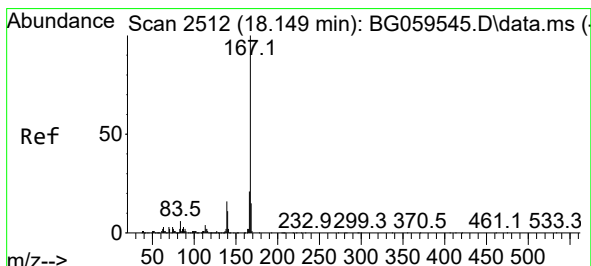
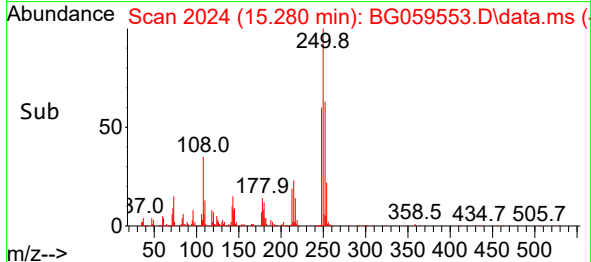
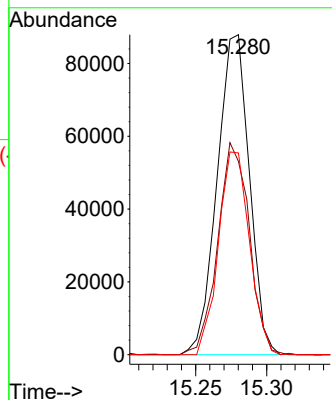
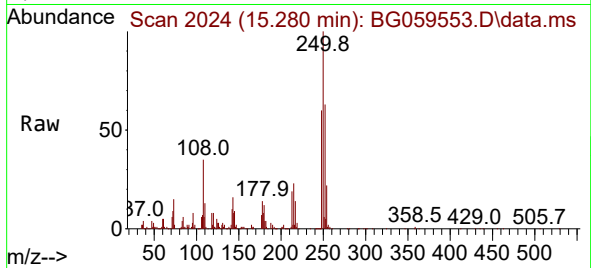




#76
Pentachlorobenzene
Concen: 18.485 ng/uL
RT: 15.280 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

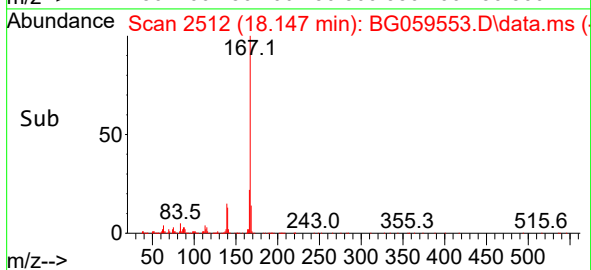
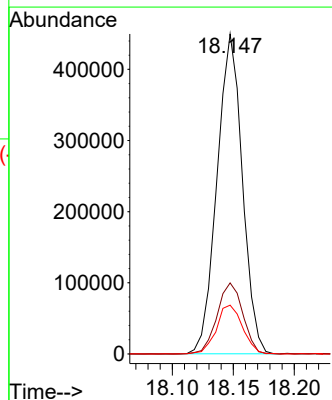
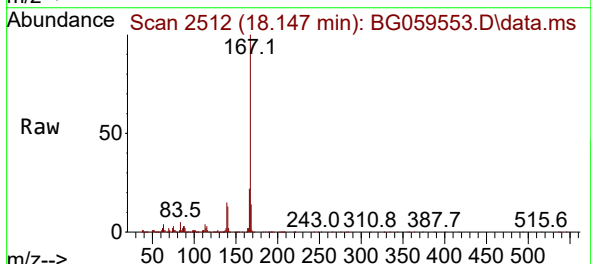
Instrument :
BNA_G
ClientSampleId :
SSTD020463

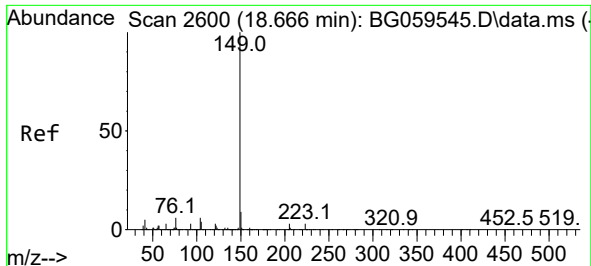
Tgt Ion:250 Resp: 138695
Ion Ratio Lower Upper
250 100
248 60.4 48.7 73.1
252 63.0 51.2 76.8



#77
Carbazole
Concen: 19.422 ng/uL
RT: 18.147 min Scan# 2512
Delta R.T. -0.002 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Tgt Ion:167 Resp: 650243
Ion Ratio Lower Upper
167 100
166 22.2 19.4 29.2
139 15.2 11.7 17.5

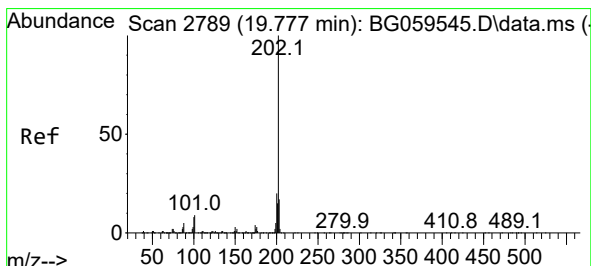
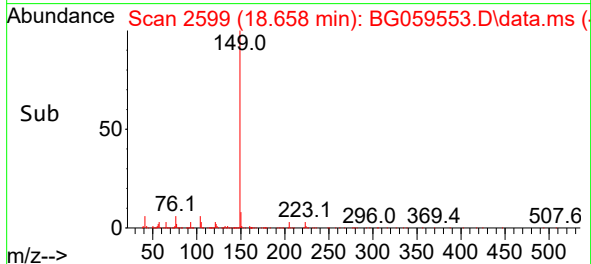
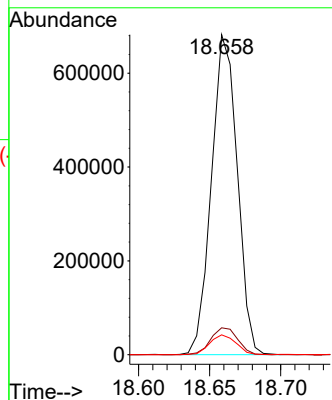
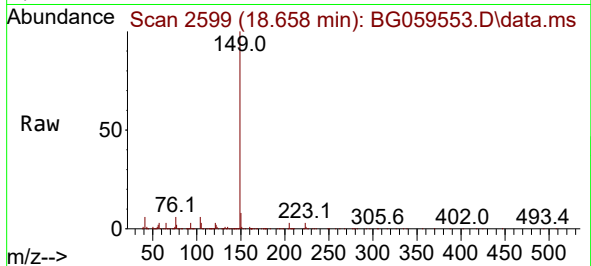




#78
Di-n-butylphthalate
Concen: 18.709 ng/ul
RT: 18.658 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

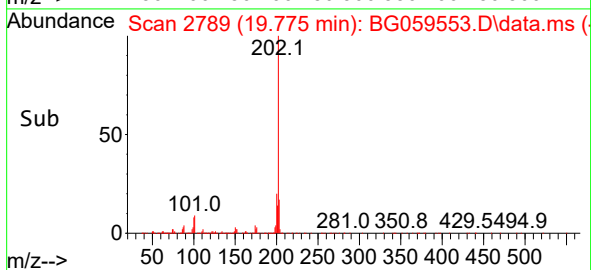
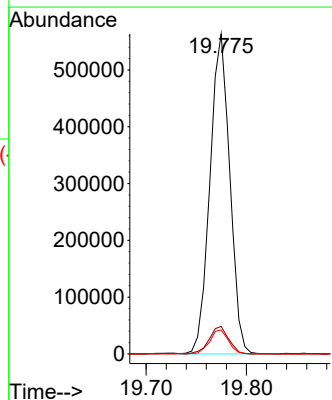
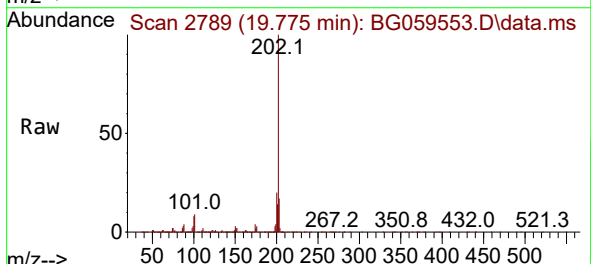
Instrument :
BNA_G
ClientSampleId :
SSTD020463

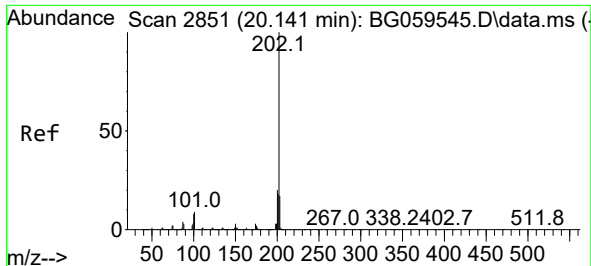
Tgt Ion:149 Resp: 860645
Ion Ratio Lower Upper
149 100
150 8.4 7.5 11.3
104 6.2 5.3 7.9



#80
Fluoranthene
Concen: 18.583 ng/ul
RT: 19.775 min Scan# 2789
Delta R.T. -0.003 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Tgt Ion:202 Resp: 773704
Ion Ratio Lower Upper
202 100
101 8.6 7.0 10.6
100 7.5 5.2 7.8

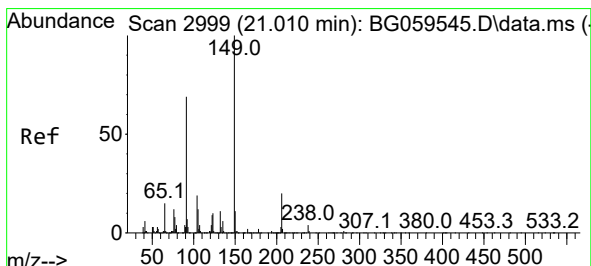
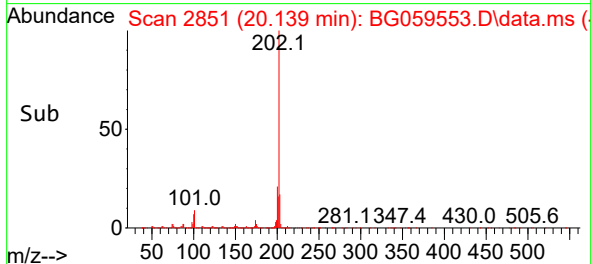
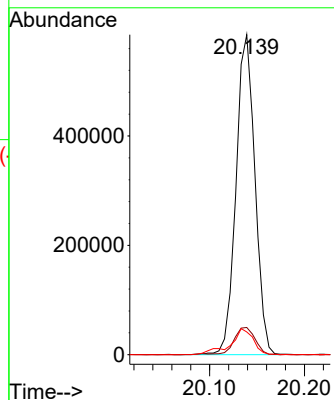
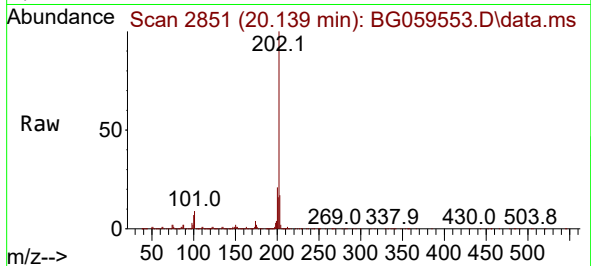




#82
 Pyrene
 Concen: 18.742 ng/ul
 RT: 20.139 min Scan# 2851
 Delta R.T. -0.003 min
 Lab File: BG059553.D
 Acq: 30 Oct 2023 20:10

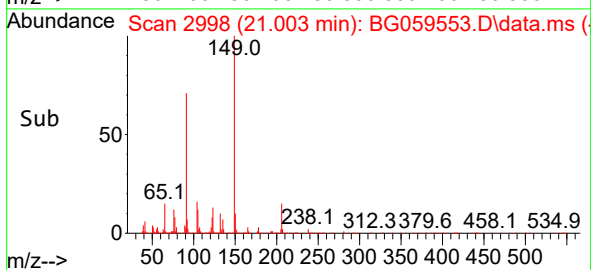
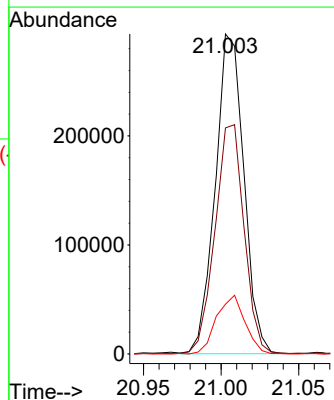
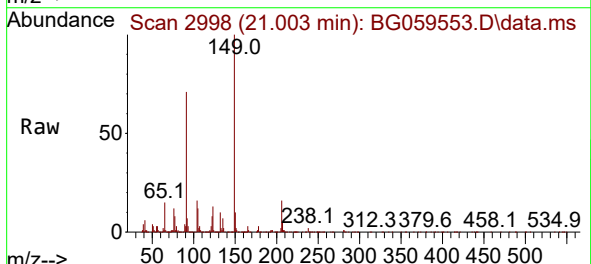
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020463

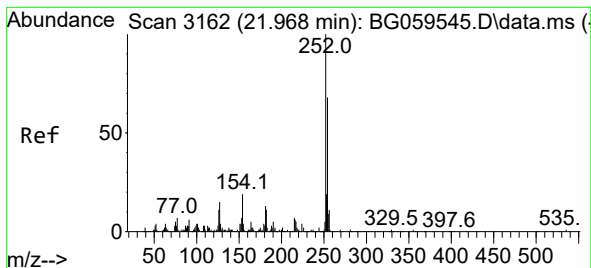
Tgt Ion:202 Resp: 810562
 Ion Ratio Lower Upper
 202 100
 101 8.5 7.9 11.9
 100 7.1 7.9 11.9#



#83
 Butylbenzylphthalate
 Concen: 19.292 ng/ul
 RT: 21.003 min Scan# 2998
 Delta R.T. -0.014 min
 Lab File: BG059553.D
 Acq: 30 Oct 2023 20:10

Tgt Ion:149 Resp: 376800
 Ion Ratio Lower Upper
 149 100
 91 70.7 52.2 78.2
 206 15.6 15.1 22.7

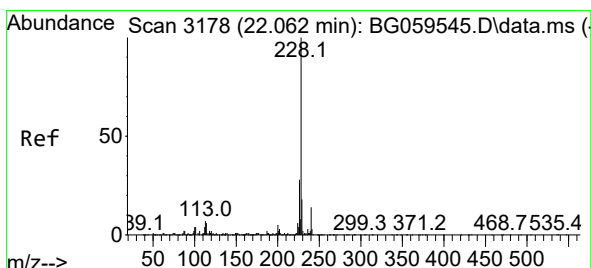
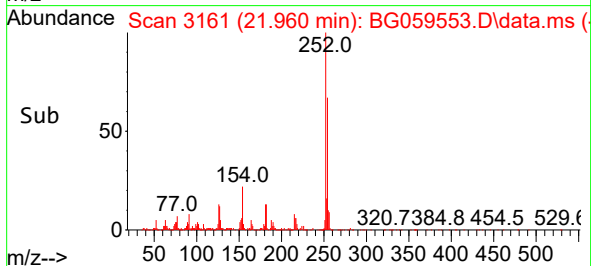
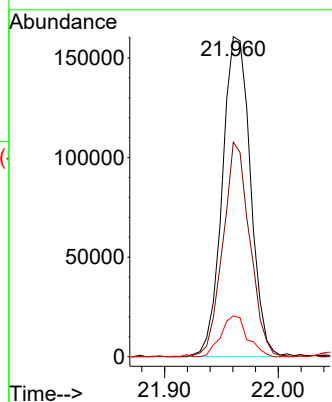
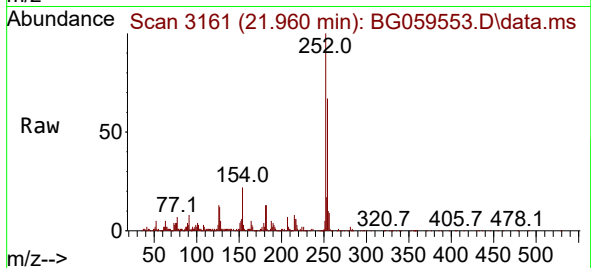




#84
 3,3'-Dichlorobenzidine
 Concen: 21.589 ng/ul
 RT: 21.960 min Scan# 3162
 Delta R.T. -0.008 min
 Lab File: BG059553.D
 Acq: 30 Oct 2023 20:10

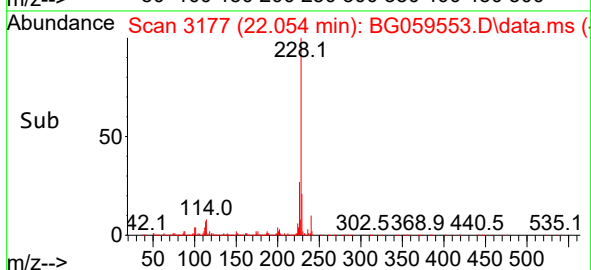
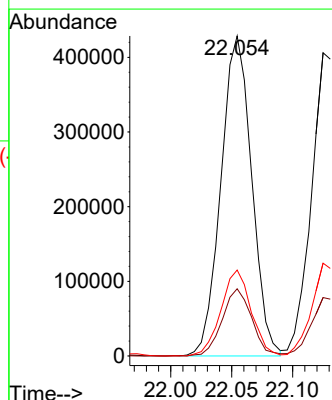
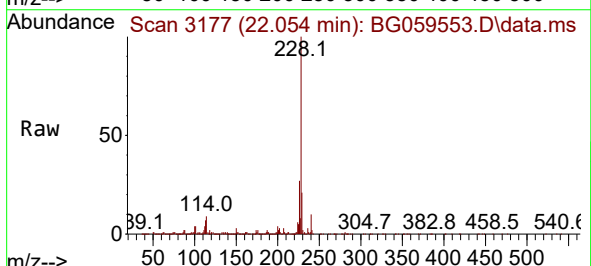
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020463

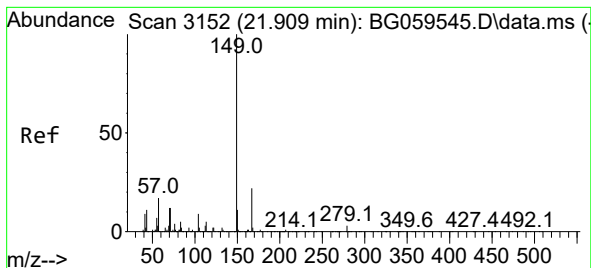
Tgt Ion:252 Resp: 275874
 Ion Ratio Lower Upper
 252 100
 254 67.0 48.9 73.3
 126 12.7 11.5 17.3



#85
 Benzo(a)anthracene
 Concen: 18.615 ng/ul
 RT: 22.054 min Scan# 3177
 Delta R.T. -0.003 min
 Lab File: BG059553.D
 Acq: 30 Oct 2023 20:10

Tgt Ion:228 Resp: 752740
 Ion Ratio Lower Upper
 228 100
 229 21.0 16.7 25.1
 226 26.8 20.3 30.5

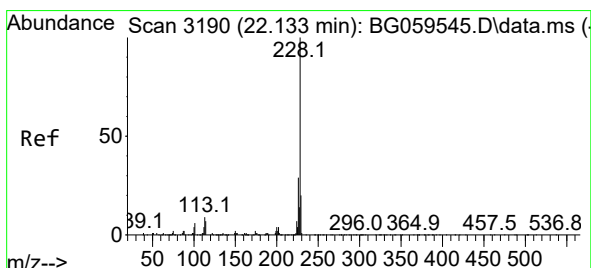
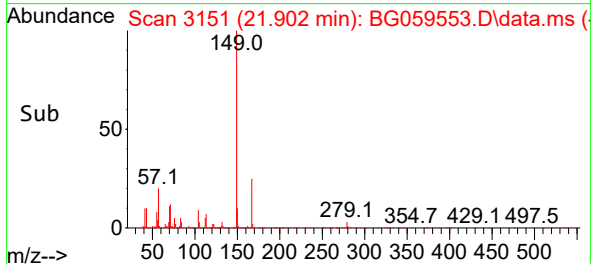
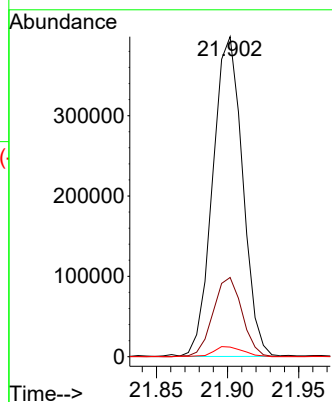
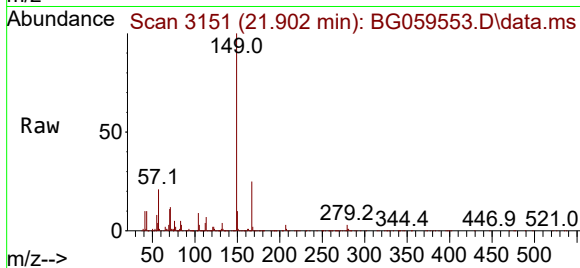




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 19.942 ng/ul
 RT: 21.902 min Scan# 3151
 Delta R.T. -0.014 min
 Lab File: BG059553.D
 Acq: 30 Oct 2023 20:10

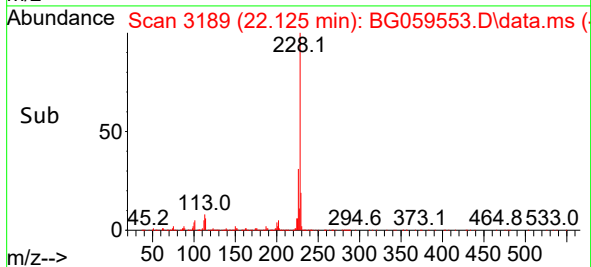
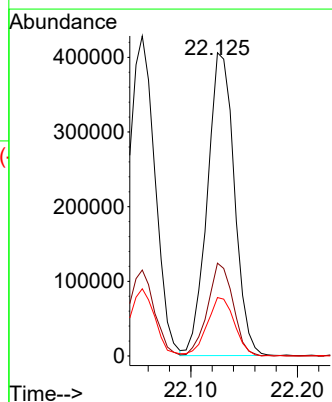
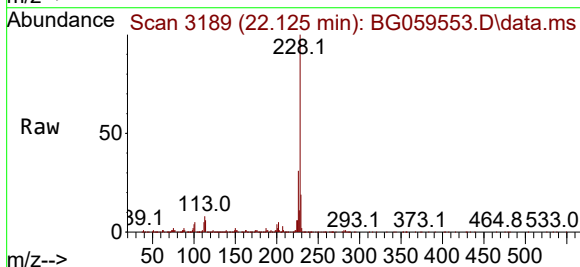
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020463

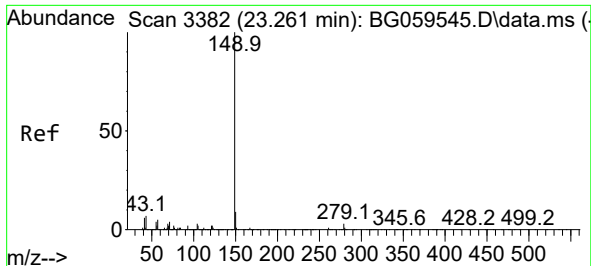
Tgt Ion:149 Resp: 581180
 Ion Ratio Lower Upper
 149 100
 167 24.8 19.4 29.2
 279 3.0 2.2 3.4



#87
 Chrysene
 Concen: 18.969 ng/ul
 RT: 22.125 min Scan# 3189
 Delta R.T. -0.008 min
 Lab File: BG059553.D
 Acq: 30 Oct 2023 20:10

Tgt Ion:228 Resp: 713546
 Ion Ratio Lower Upper
 228 100
 226 30.6 21.0 31.4
 229 19.2 15.1 22.7

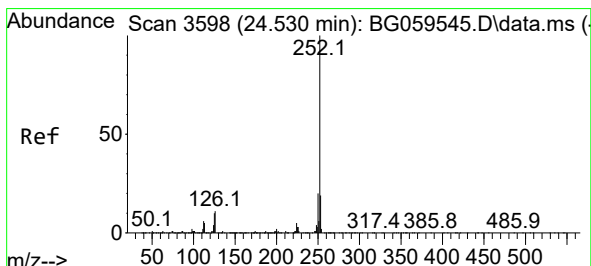
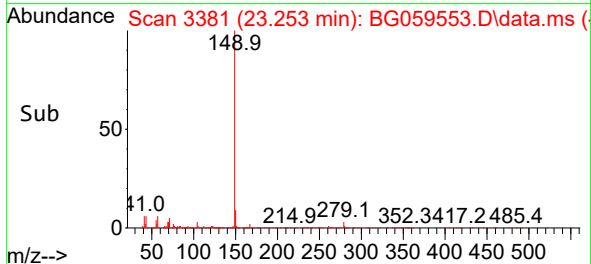
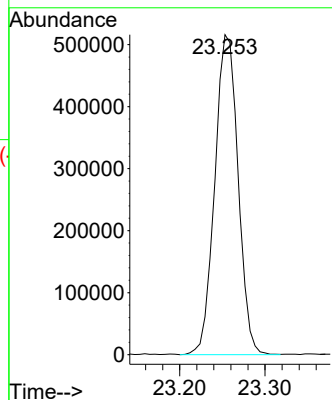
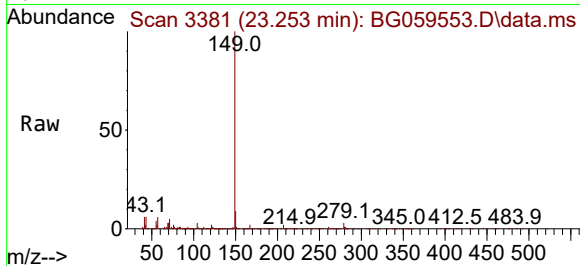




#89
Di-n-octyl phthalate
Concen: 19.260 ng/ul
RT: 23.253 min Scan# 31
Delta R.T. -0.020 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

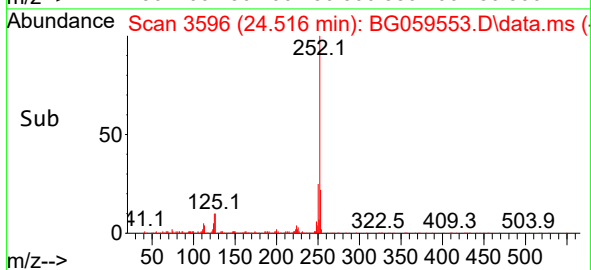
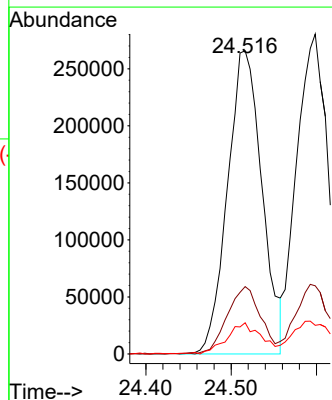
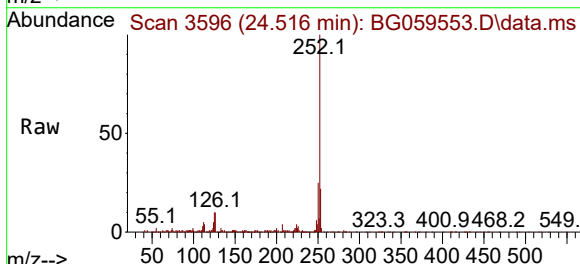
Instrument :
BNA_G
ClientSampleId :
SSTD020463

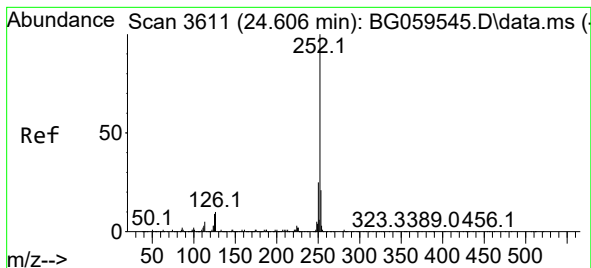
Tgt Ion:149 Resp: 981367



#90
Benzo(b)fluoranthene
Concen: 17.691 ng/ul
RT: 24.516 min Scan# 3596
Delta R.T. -0.008 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Tgt Ion:252 Resp: 746329
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.3 8.6 13.0





#91

Benzo(k)fluoranthene

Concen: 17.241 ng/ul

RT: 24.599 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG059553.D

Acq: 30 Oct 2023 20:10

Instrument :

BNA_G

ClientSampleId :

SSTD020463

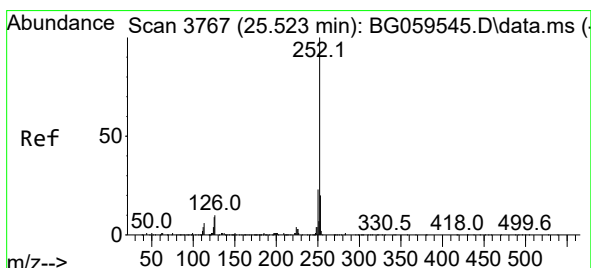
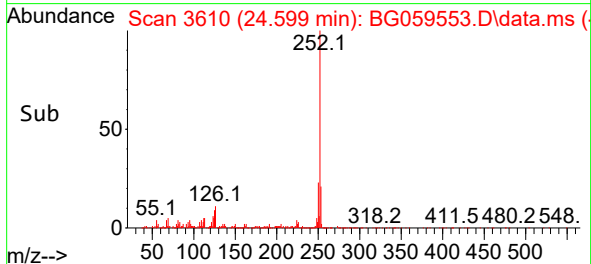
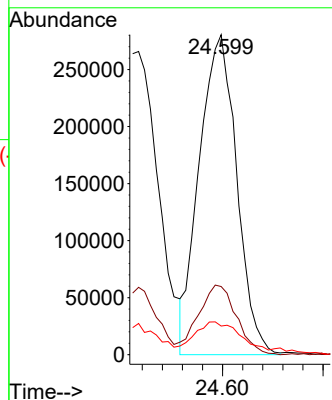
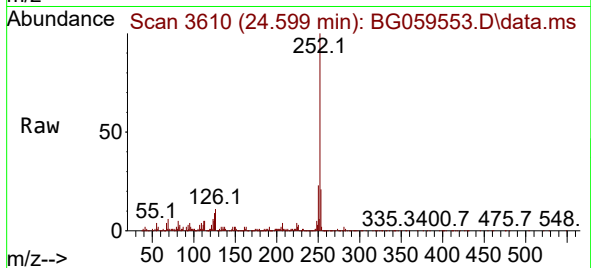
Tgt Ion:252 Resp: 726522

Ion Ratio Lower Upper

252 100

253 21.3 17.9 26.9

125 9.0 7.9 11.9



#93

Benzo(a)pyrene

Concen: 17.347 ng/ul

RT: 25.515 min Scan# 3766

Delta R.T. -0.002 min

Lab File: BG059553.D

Acq: 30 Oct 2023 20:10

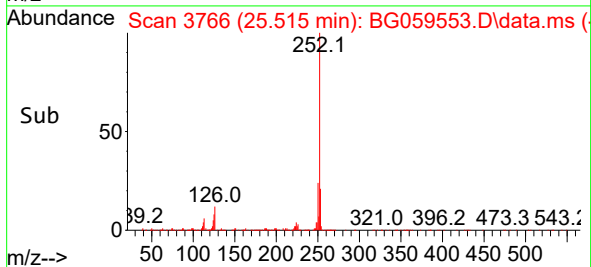
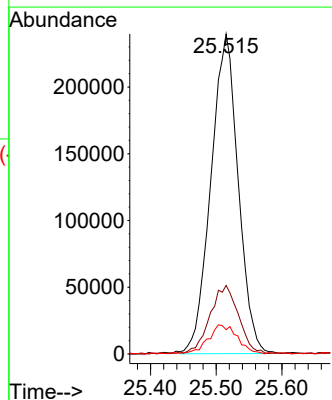
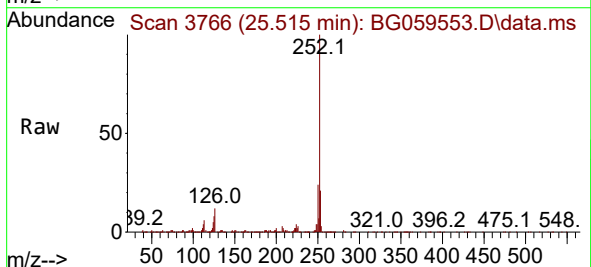
Tgt Ion:252 Resp: 691676

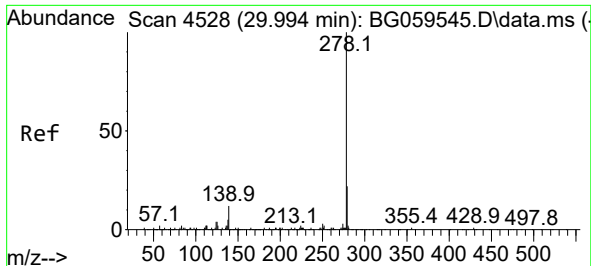
Ion Ratio Lower Upper

252 100

253 21.4 18.5 27.7

125 7.6 7.6 11.4#

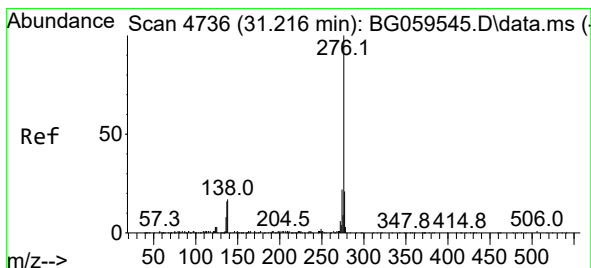
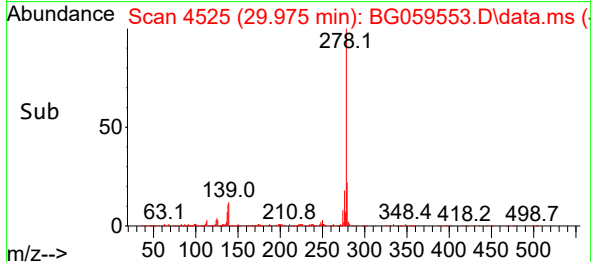
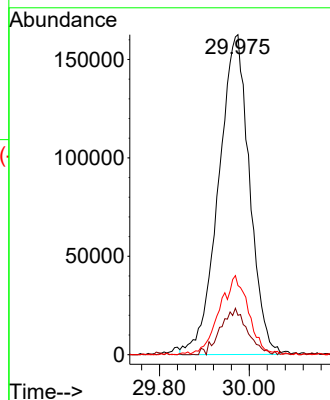
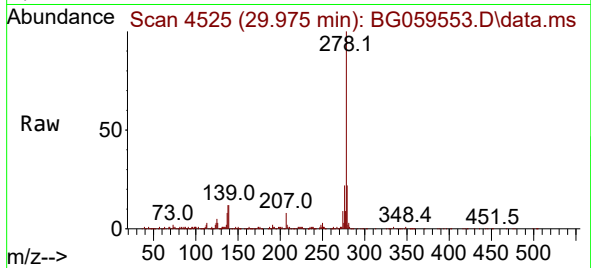




#95
Dibenzo(a,h)anthracene
Concen: 18.649 ng/ul
RT: 29.975 min Scan# 41
Delta R.T. -0.008 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Instrument :
BNA_G
ClientSampleId :
SSTD020463

Tgt Ion:278 Resp: 778410
Ion Ratio Lower Upper
278 100
139 12.3 11.0 16.6
279 21.6 18.3 27.5



#96
Benzo(g,h,i)perylene
Concen: 17.996 ng/ul
RT: 31.203 min Scan# 4734
Delta R.T. -0.014 min
Lab File: BG059553.D
Acq: 30 Oct 2023 20:10

Tgt Ion:276 Resp: 744359
Ion Ratio Lower Upper
276 100
138 15.5 16.2 24.2#
277 23.3 18.2 27.4

