

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
 Data File : BG059610.D
 Acq On : 3 Nov 2023 21:44
 Operator : MA/JU
 Sample : SST08071
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST080445

Quant Time: Nov 04 01:59:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 01:51:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.352	152	31290	20.000	ng/ul	0.00
20) Naphthalene-d8	11.201	136	159995	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.985	164	103189	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.735	188	233544	20.000	ng/ul	0.00
79) Chrysene-d12	22.077	240	187094	20.000	ng/ul	0.00
88) Perylene-d12	25.684	264	255083	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.681	96	1053	1.309	ng/uL	0.04
4) Pyridine-d5	4.080	84	207129	90.833	ng/ul	0.00
7) Phenol-d5	7.470	99	283601	91.168	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.676	67	142857	95.806	ng/ul	0.00
11) 2-Chlorophenol-d4	7.870	132	197867	80.918	ng/ul	0.00
15) 4-Methylphenol-d8	9.045	113	231878	93.570	ng/ul	0.00
21) Nitrobenzene-d5	9.556	128	100365	87.930	ng/ul	0.00
24) 2-Nitrophenol-d4	10.273	143	113271	94.844	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.802	165	219140	86.516	ng/ul	0.00
31) 4-Chloroaniline-d4	11.348	131	321513	78.346	ng/ul	0.00
46) Dimethylphthalate-d6	14.386	166	686047	75.363	ng/ul	0.01
49) Acenaphthylene-d8	14.691	160	827972	77.146	ng/ul	0.00
54) 4-Nitrophenol-d4	15.173	143	116531	75.112	ng/ul	0.02
60) Fluorene-d10	15.978	176	620840	77.972	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.084	200	116444	99.553	ng/ul	0.01
73) Anthracene-d10	17.841	188	938968	74.921	ng/ul	0.00
81) Pyrene-d10	20.109	212	959248	74.736	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.438	264	1208002	80.918	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.687	88	28311	30.027	ng/uL#	78
5) Pyridine	4.104	79	215211	93.563	ng/ul	96
6) Benzaldehyde	7.500	77	153553	101.944	ng/ul	96
8) Phenol	7.500	94	281589	96.187	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.770	93	191691	88.534	ng/ul#	89
12) 2-Chlorophenol	7.905	128	204022	82.392	ng/ul#	84
13) 2-Methylphenol	8.775	108	236031	95.420	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.857	45	37622	20.770	ng/ul#	82
16) Acetophenone	9.204	105	383446	94.308	ng/ul	89
17) N-Nitroso-di-n-propyla...	9.174	70	218290	111.395	ng/ul#	91
18) 4-Methylphenol	9.116	108	248644	94.356	ng/ul	96
19) Hexachloroethane	9.445	117	84002	83.896	ng/ul#	84
22) Nitrobenzene	9.597	77	315170	119.704	ng/ul#	86
23) Isophorone	10.114	82	619560	95.235	ng/ul	97
25) 2-Nitrophenol	10.308	139	119934	93.170	ng/ul#	56
26) 2,4-Dimethylphenol	10.332	107	308201	91.678	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.590	93	272435	80.484	ng/ul	99
29) 2,4-Dichlorophenol	10.831	162	210711	86.820	ng/ul#	90
30) Naphthalene	11.260	128	730902	74.872	ng/ul#	96
32) 4-Chloroaniline	11.372	127	300976	77.304	ng/ul	88
33) Hexachlorobutadiene	11.483	225	131654	87.135	ng/ul	94
34) Caprolactam	12.265	113	2824	3.278	ng/ul	93
35) 4-Chloro-3-methylphenol	12.447	107	271727	90.828	ng/ul	87
36) 2-Methylnaphthalene	12.835	142	553782	81.344	ng/ul	96

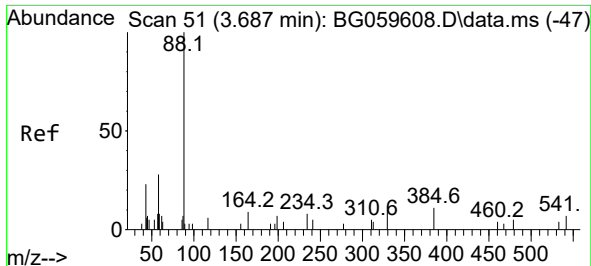
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 01:51:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.052	142	546147	79.832	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.175	216	245134	83.396	ng/ul#	89
40) Hexachlorocyclopentadiene	13.128	237	175048	100.723	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.416	196	173755	87.782	ng/ul	98
42) 2,4,5-Trichlorophenol	13.487	196	180082	82.520	ng/ul	85
43) 1,1'-Biphenyl	13.828	154	722010	77.801	ng/ul	92
44) 2-Chloronaphthalene	13.875	162	545058	76.289	ng/ul	91
45) 2-Nitroaniline	14.092	65	156658	112.938	ng/ul	92
47) Dimethylphthalate	14.433	163	700447	76.814	ng/ul	99
48) 2,6-Dinitrotoluene	14.574	165	127907	91.143	ng/ul#	79
50) Acenaphthylene	14.721	152	898811	72.720	ng/ul	96
51) 3-Nitroaniline	14.915	138	135021	78.346	ng/ul#	88
52) Acenaphthene	15.050	153	584717	72.340	ng/ul	98
53) 2,4-Dinitrophenol	15.103	184	90352	107.242	ng/ul#	84
55) 4-Nitrophenol	15.185	109	224772	119.257	ng/ul	89
56) Dibenzofuran	15.385	168	811509	77.121	ng/ul	94
57) 2,4-Dinitrotoluene	15.349	165	186436	90.052	ng/ul#	75
58) 2,3,4,6-Tetrachlorophenol	15.590	232	146591	83.403	ng/ul#	86
59) Diethylphthalate	15.778	149	727427	74.031	ng/ul	99
61) Fluorene	16.031	166	688316	75.719	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.013	204	332399	82.446	ng/ul	93
63) 4-Nitroaniline	16.084	138	127455	71.633	ng/ul#	63
66) 4,6-Dinitro-2-methylph...	16.101	198	121343	98.510	ng/ul#	99
67) N-Nitrosodiphenylamine	16.231	169	587817	74.407	ng/ul	96
68) 4-Bromophenyl-phenylether	16.912	248	204583	86.001	ng/ul	95
69) Hexachlorobenzene	17.000	284	190981	71.655	ng/ul	93
70) Atrazine	17.171	200	198676	79.961	ng/ul	91
71) Pentachlorophenol	17.359	266	133475	86.292	ng/ul	95
72) Phenanthrene	17.782	178	1081254	72.099	ng/ul	99
74) Anthracene	17.876	178	1084501	71.709	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.781	216	243137	80.408	ng/uL#	76
76) Pentachlorobenzene	15.279	250	241086	81.848	ng/uL	93
77) Carbazole	18.152	167	951622	74.349	ng/ul	98
78) Di-n-butylphthalate	18.657	149	1129272	65.479	ng/ul#	96
80) Fluoranthene	19.774	202	1202314	76.599	ng/ul#	96
82) Pyrene	20.138	202	1190847	73.120	ng/ul	98
83) Butylbenzylphthalate	21.002	149	465227	65.350	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.965	252	355957	74.385	ng/ul	91
85) Benzo(a)anthracene	22.053	228	1145215	74.218	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.889	149	665160	63.115	ng/ul	99
87) Chrysene	22.130	228	1049169	73.948	ng/ul	96
89) Di-n-octyl phthalate	23.240	149	1139549	56.164	ng/ul	100
90) Benzo(b)fluoranthene	24.521	252	1499574	84.267	ng/ul	95
91) Benzo(k)fluoranthene	24.603	252	1488579	82.821	ng/ul#	98
93) Benzo(a)pyrene	25.526	252	1358980	78.066	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	29.891	276	1529806	69.841	ng/ul	97
95) Dibenzo(a,h)anthracene	29.973	278	842810	46.289	ng/ul	99
96) Benzo(g,h,i)perylene	31.225	276	811982	45.144	ng/ul#	96

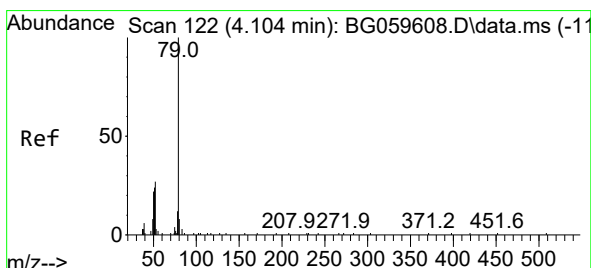
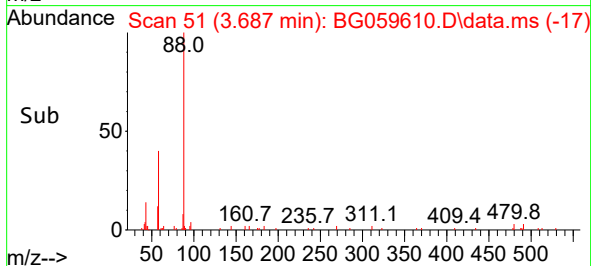
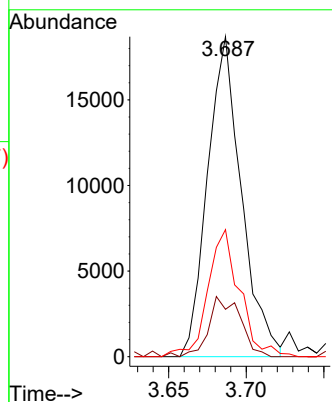
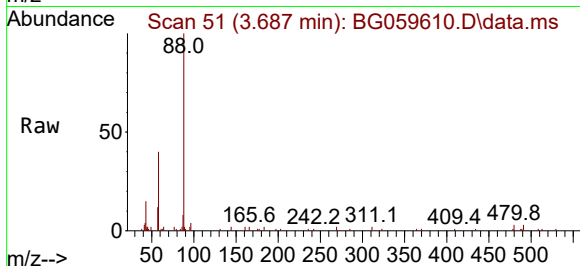
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#2
1,4-Dioxane
Concen: 30.027 ng/uL
RT: 3.687 min Scan# 51
Delta R.T. -0.000 min
Lab File: BG059610.D
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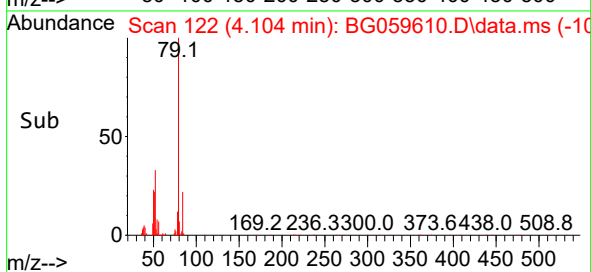
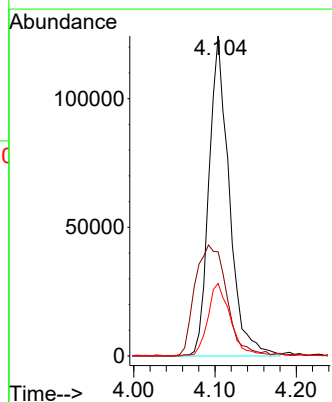
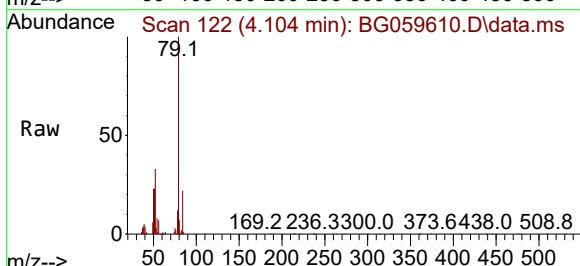
Instrument :
BNA_G
ClientSampleId :
SSTD080445

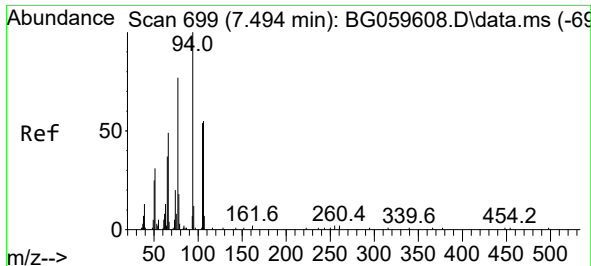
Tgt Ion: 88 Resp: 28311
Ion Ratio Lower Upper
88 100
43 14.8 21.1 31.7#
58 39.7 22.7 34.1#



#5
Pyridine
Concen: 93.563 ng/uL
RT: 4.104 min Scan# 122
Delta R.T. -0.000 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion: 79 Resp: 215211
Ion Ratio Lower Upper
79 100
52 32.5 27.8 41.6
51 22.7 19.8 29.6

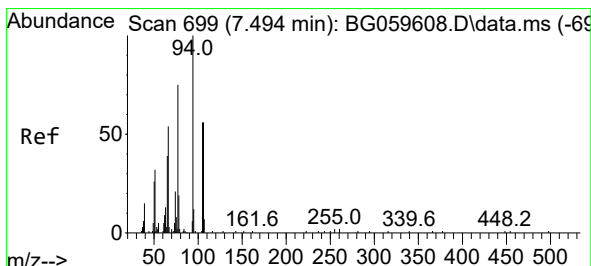
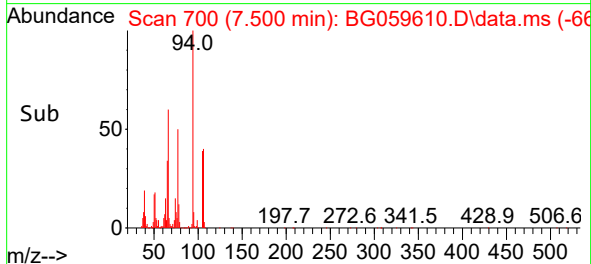
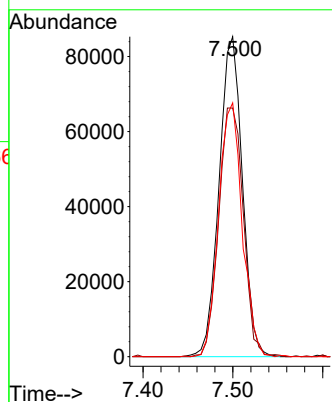
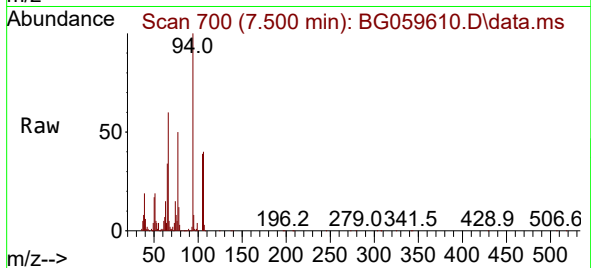




#6
Benzaldehyde
Concen: 101.944 ng/ul
RT: 7.500 min Scan# 700
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

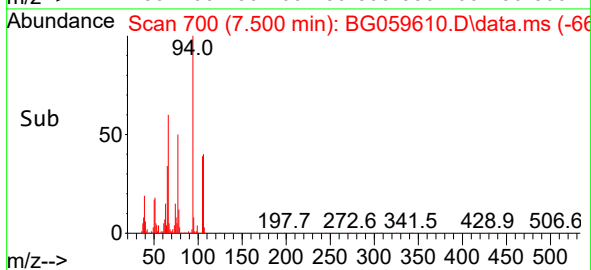
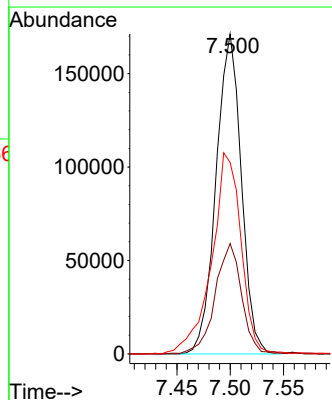
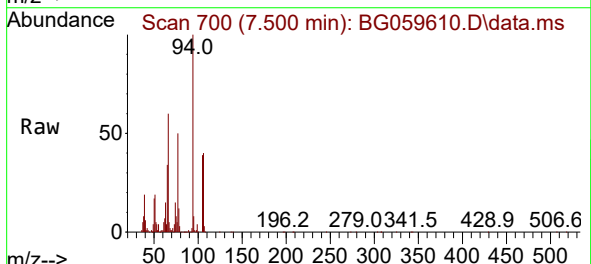
Instrument :
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ClientSampleId :
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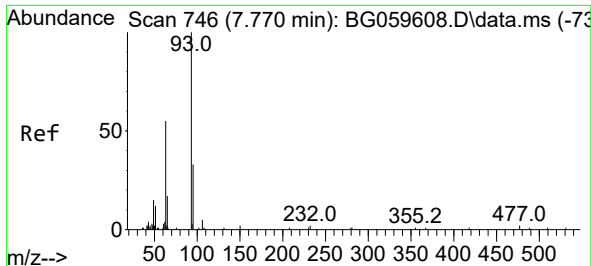
Tgt Ion: 77 Resp: 153553
Ion Ratio Lower Upper
77 100
105 77.7 59.9 89.9
106 79.3 59.7 89.5



#8
Phenol
Concen: 96.187 ng/ul
RT: 7.500 min Scan# 700
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion: 94 Resp: 281589
Ion Ratio Lower Upper
94 100
65 34.5 32.2 48.4
66 59.9 45.5 68.3

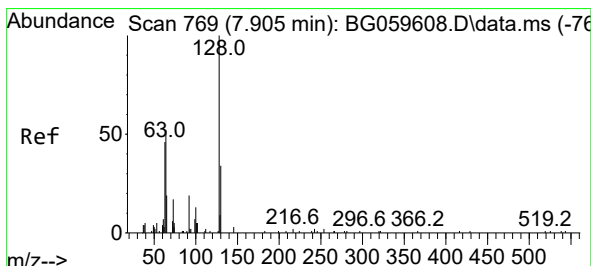
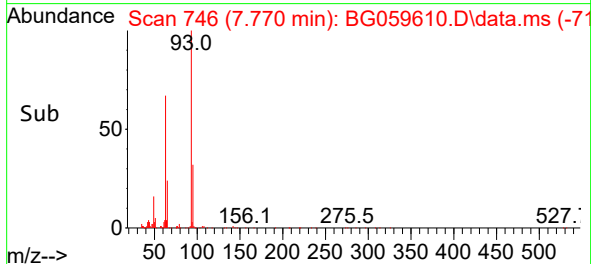
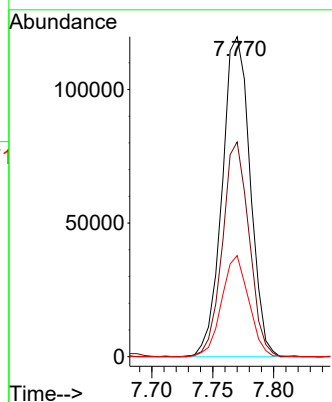
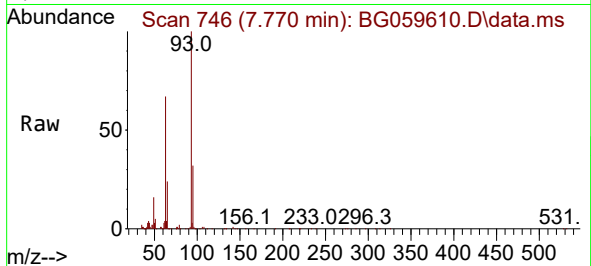




#10
Bis(2-Chloroethyl)ether
Concen: 88.534 ng/ul
RT: 7.770 min Scan# 746
Delta R.T. -0.000 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

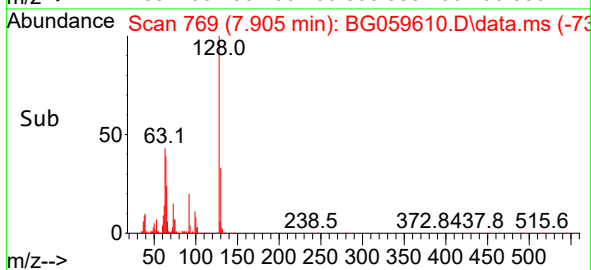
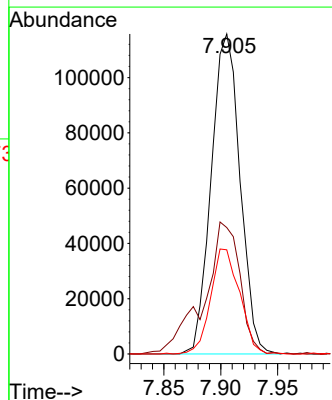
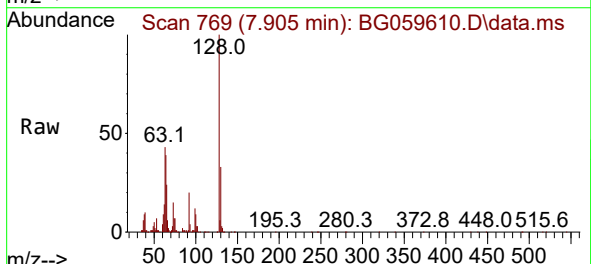
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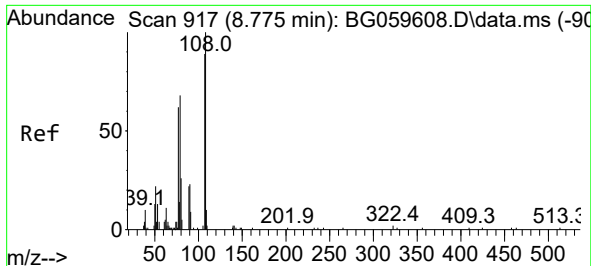
Tgt Ion: 93 Resp: 191691
Ion Ratio Lower Upper
93 100
63 67.1 44.2 66.2#
95 31.6 26.3 39.5



#12
2-Chlorophenol
Concen: 82.392 ng/ul
RT: 7.905 min Scan# 769
Delta R.T. -0.000 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion:128 Resp: 204022
Ion Ratio Lower Upper
128 100
64 39.5 45.6 68.4#
130 32.6 27.0 40.6





#13

2-Methylphenol

Concen: 95.420 ng/ul

RT: 8.775 min Scan# 917

Delta R.T. -0.000 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

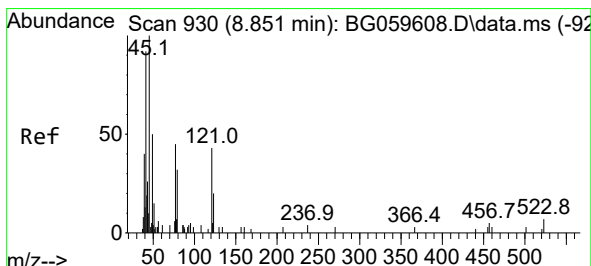
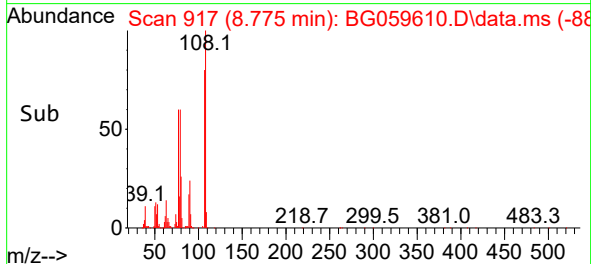
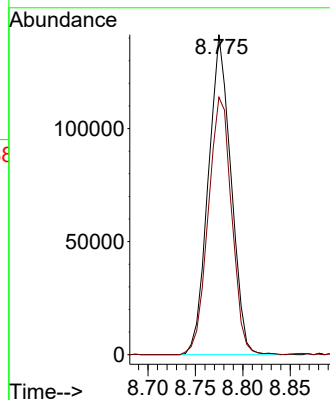
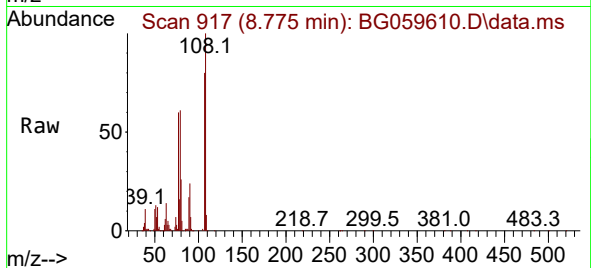
SSTD080445

Tgt Ion:108 Resp: 236031

Ion Ratio Lower Upper

108 100

107 80.4 71.4 107.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.770 ng/ul

RT: 8.857 min Scan# 931

Delta R.T. 0.006 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

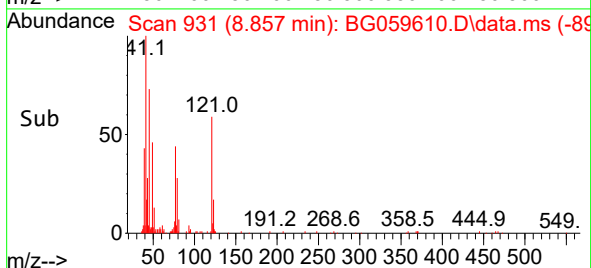
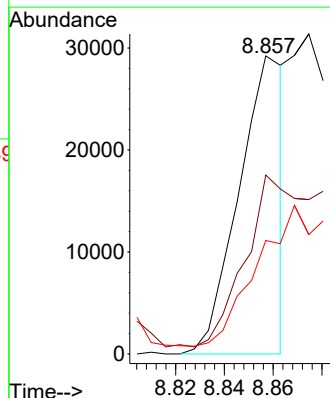
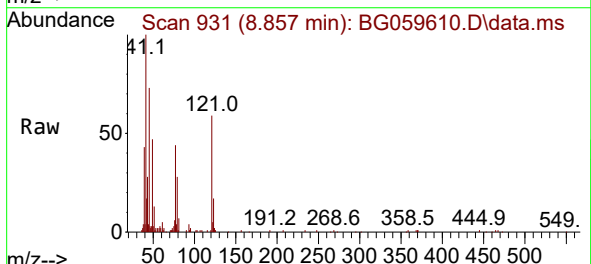
Tgt Ion: 45 Resp: 37622

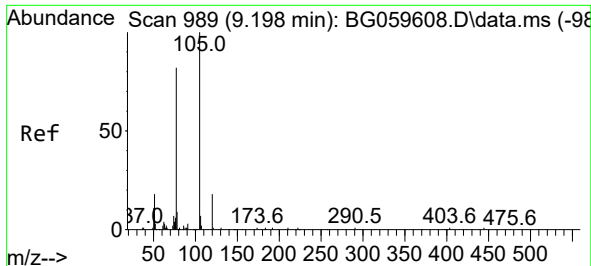
Ion Ratio Lower Upper

45 100

77 60.0 35.8 53.8#

79 38.1 25.4 38.2

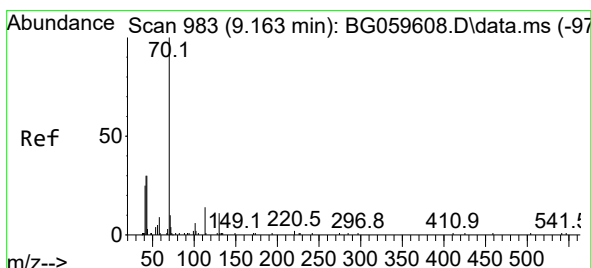
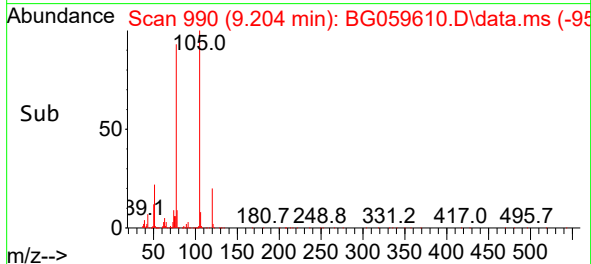
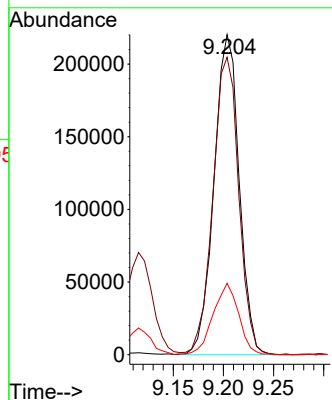
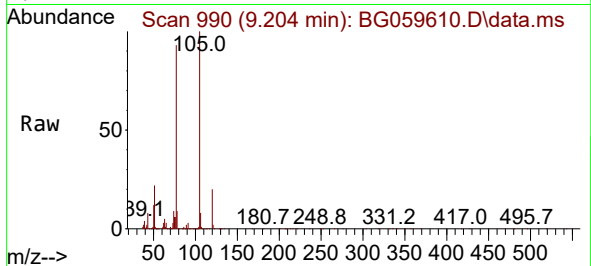




#16
Acetophenone
Concen: 94.308 ng/ul
RT: 9.204 min Scan# 91
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

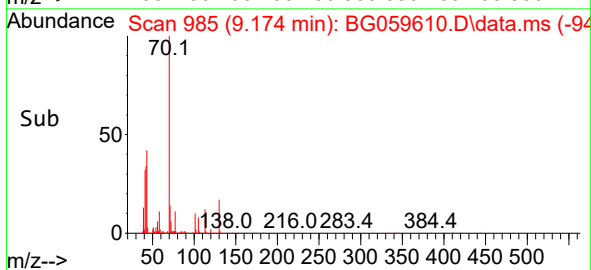
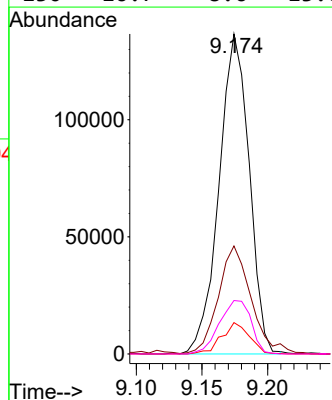
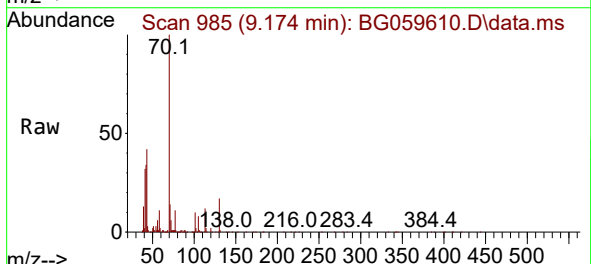
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ClientSampleId :
SSTD080445

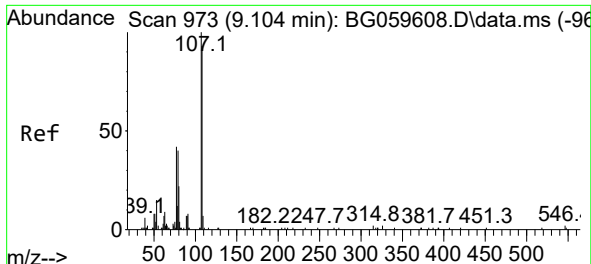
Tgt Ion:105 Resp: 383446
Ion Ratio Lower Upper
105 100
77 93.0 66.2 99.2
51 22.3 15.3 22.9



#17
N-Nitroso-di-n-propylamine
Concen: 111.395 ng/ul
RT: 9.174 min Scan# 985
Delta R.T. 0.012 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion: 70 Resp: 218290
Ion Ratio Lower Upper
70 100
42 33.8 24.2 36.2
101 9.8 5.1 7.7#
130 16.7 8.6 13.0#

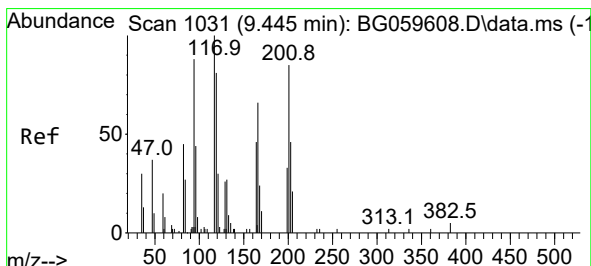
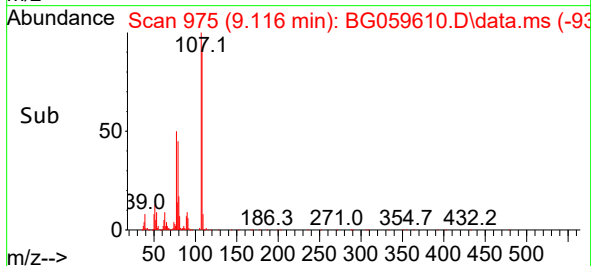
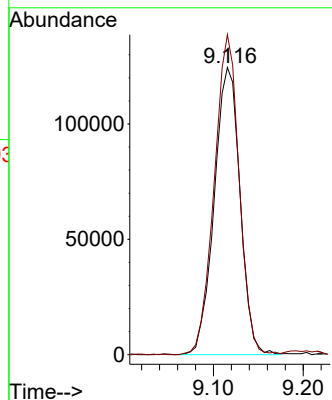
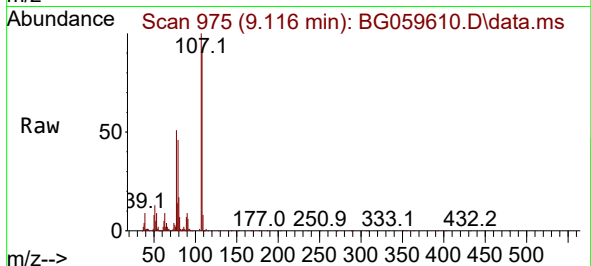




#18
4-Methylphenol
Concen: 94.356 ng/ul
RT: 9.116 min Scan# 91
Delta R.T. 0.012 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

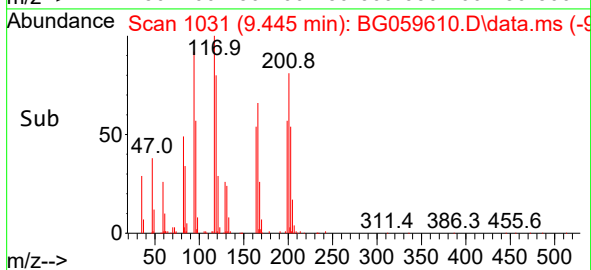
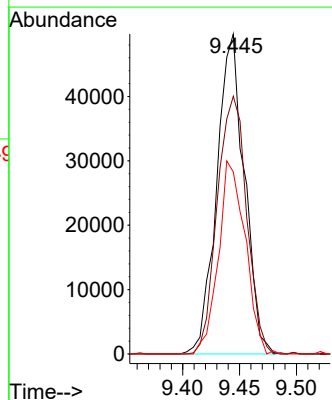
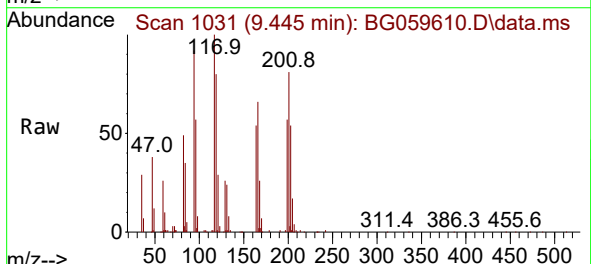
Instrument :
BNA_G
ClientSampleId :
SSTD080445

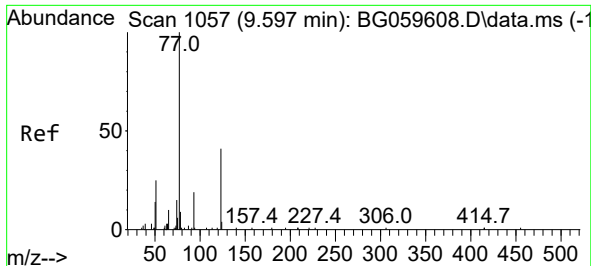
Tgt Ion:108 Resp: 248644
Ion Ratio Lower Upper
108 100
107 111.4 86.2 129.2



#19
Hexachloroethane
Concen: 83.896 ng/ul
RT: 9.445 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion:117 Resp: 84002
Ion Ratio Lower Upper
117 100
201 80.5 68.2 102.4
199 56.9 26.3 39.5#

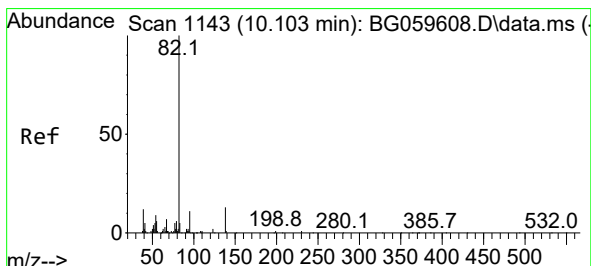
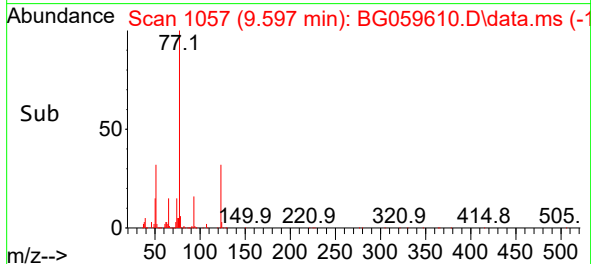
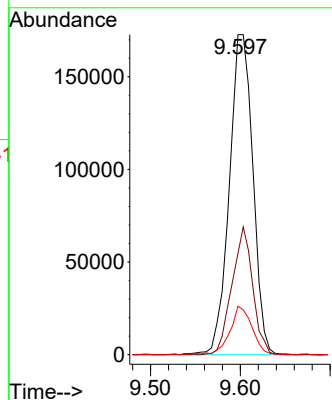
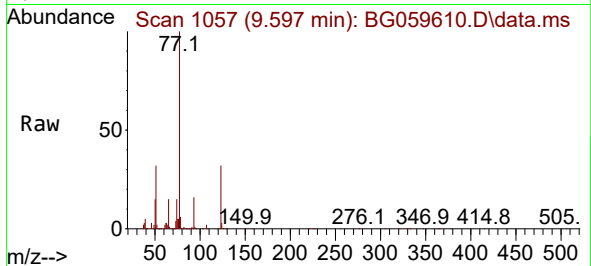




#22
Nitrobenzene
Concen: 119.704 ng/ul
RT: 9.597 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

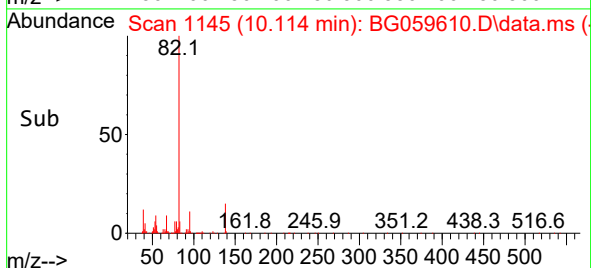
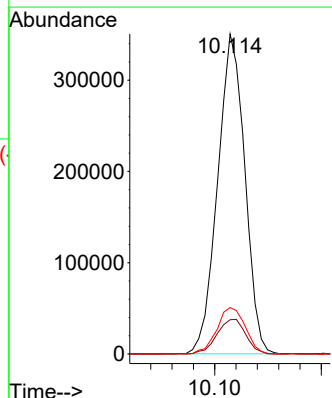
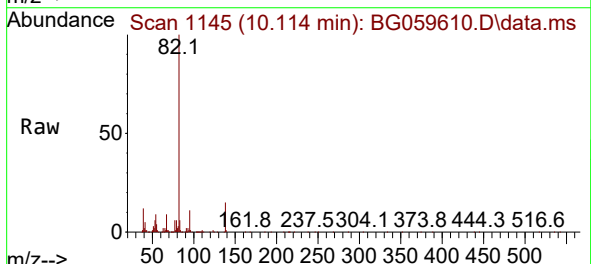
Instrument :
BNA_G
ClientSampleId :
SSTD080445

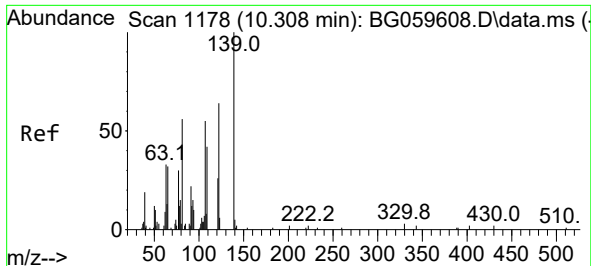
Tgt Ion: 77 Resp: 315170
Ion Ratio Lower Upper
77 100
123 31.6 32.5 48.7#
65 15.1 8.0 12.0#



#23
Isophorone
Concen: 95.235 ng/ul
RT: 10.114 min Scan# 1145
Delta R.T. 0.012 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion: 82 Resp: 619560
Ion Ratio Lower Upper
82 100
95 10.7 8.6 13.0
138 14.5 10.2 15.2

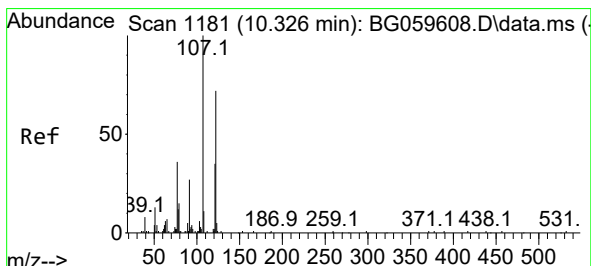
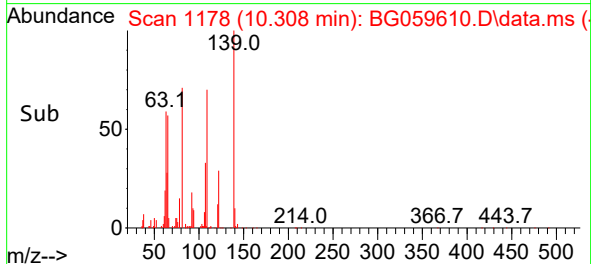
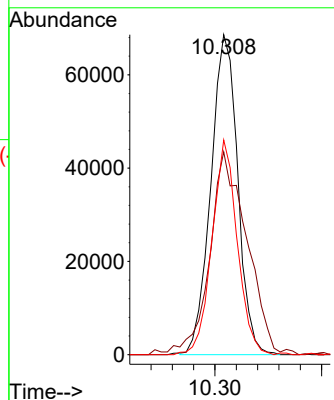
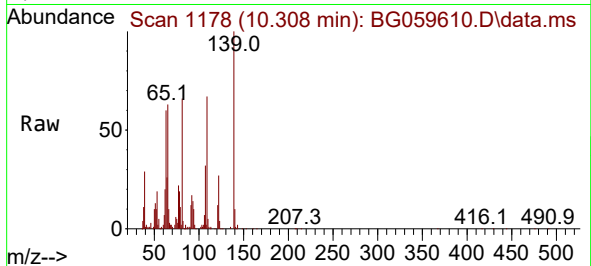




#25
2-Nitrophenol
Concen: 93.170 ng/ul
RT: 10.308 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

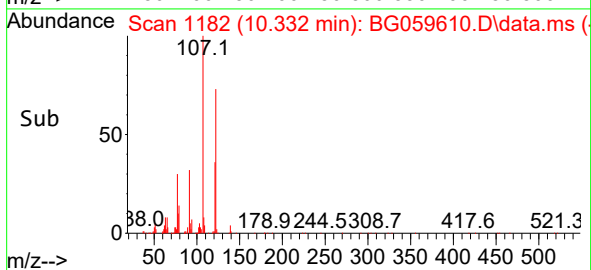
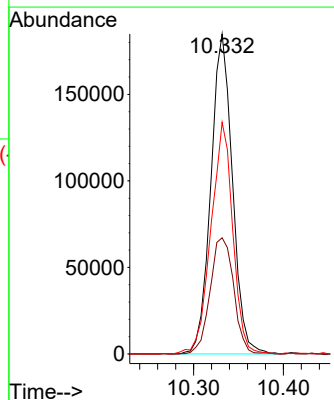
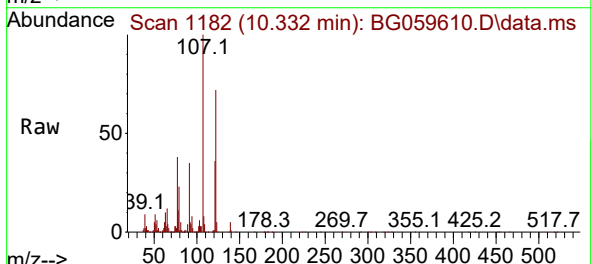
Instrument :
BNA_G
ClientSampleId :
SSTD080445

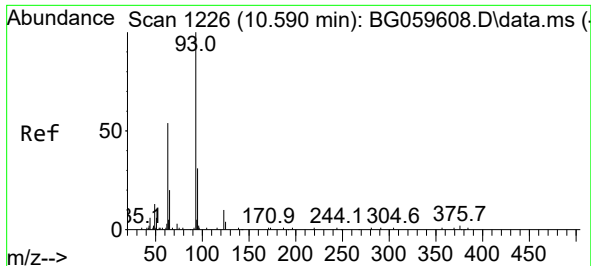
Tgt Ion:139 Resp: 119934
Ion Ratio Lower Upper
139 100
65 63.4 28.4 42.6#
109 67.1 33.3 49.9#



#26
2,4-Dimethylphenol
Concen: 91.678 ng/ul
RT: 10.332 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion:107 Resp: 308201
Ion Ratio Lower Upper
107 100
121 36.3 28.0 42.0
122 72.4 57.4 86.2





#27

Bis(2-Chloroethoxy)methane

Concen: 80.484 ng/ul

RT: 10.590 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

SSTD080445

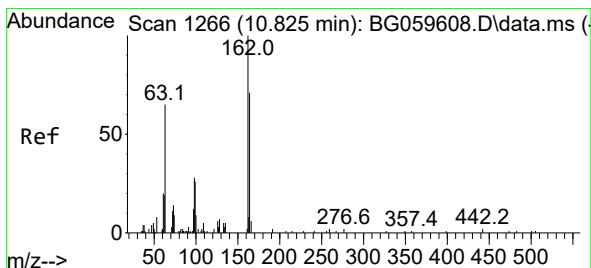
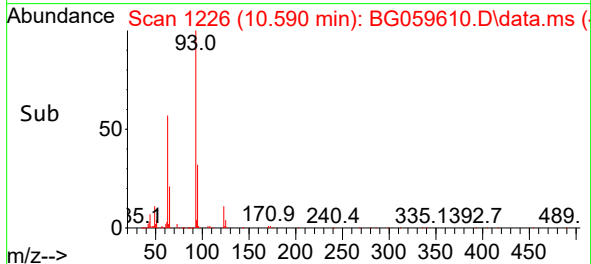
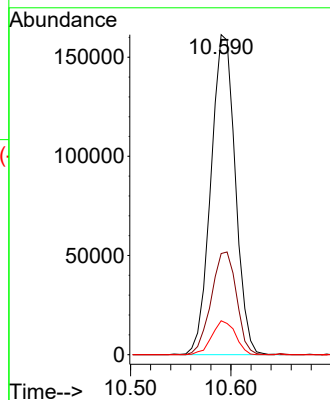
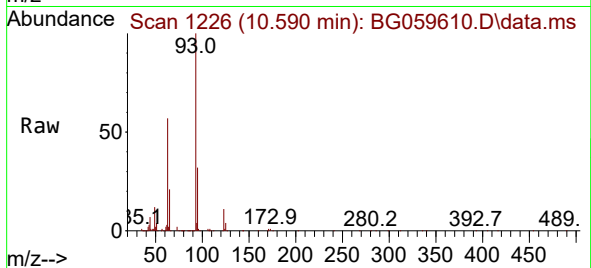
Tgt Ion: 93 Resp: 272435

Ion Ratio Lower Upper

93 100

95 31.6 24.6 37.0

123 10.6 8.3 12.5



#29

2,4-Dichlorophenol

Concen: 86.820 ng/ul

RT: 10.831 min Scan# 1267

Delta R.T. 0.006 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

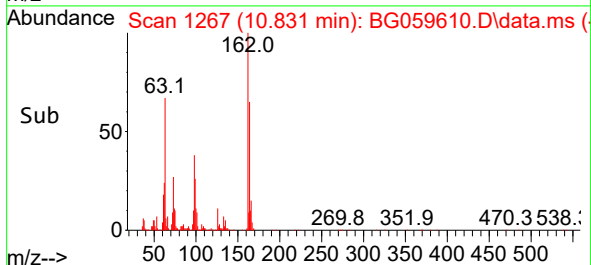
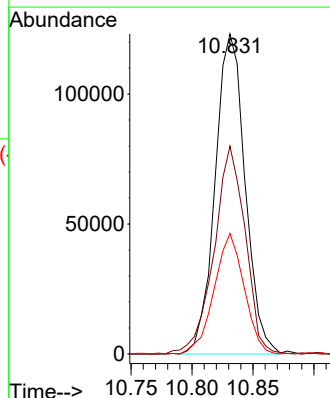
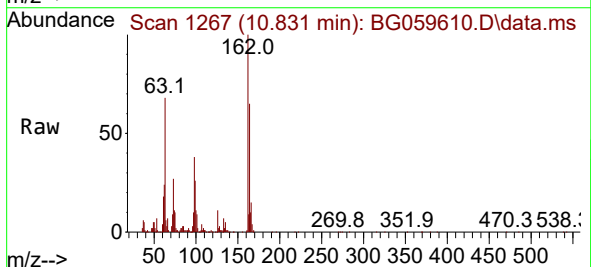
Tgt Ion:162 Resp: 210711

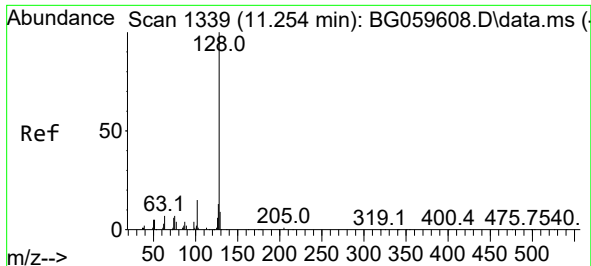
Ion Ratio Lower Upper

162 100

164 65.0 57.0 85.4

98 37.6 23.6 35.4#

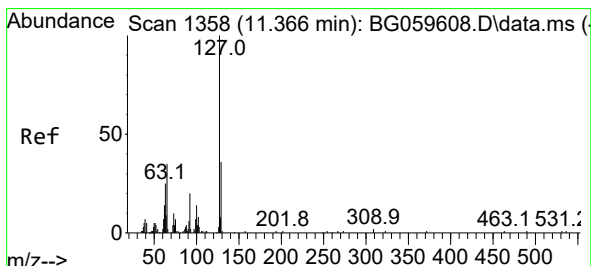
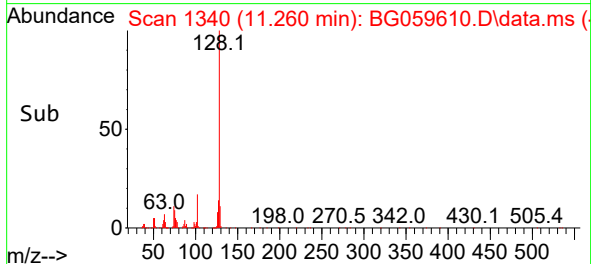
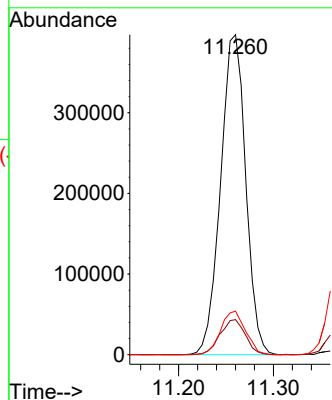
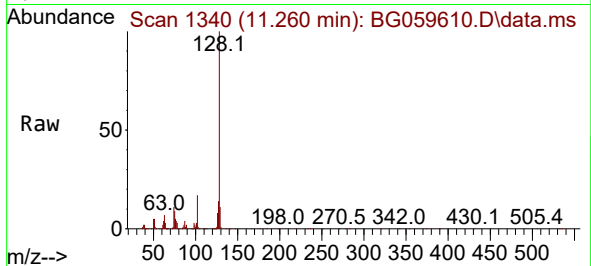




#30
Naphthalene
Concen: 74.872 ng/ul
RT: 11.260 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

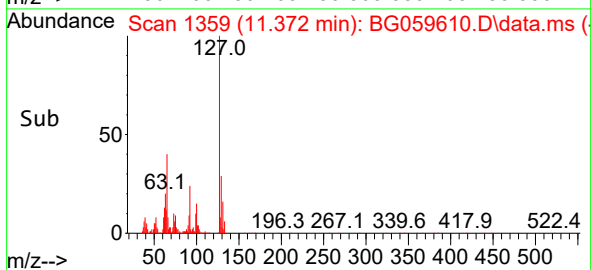
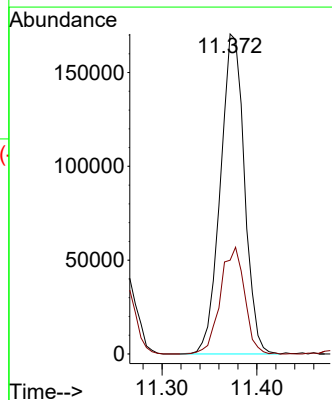
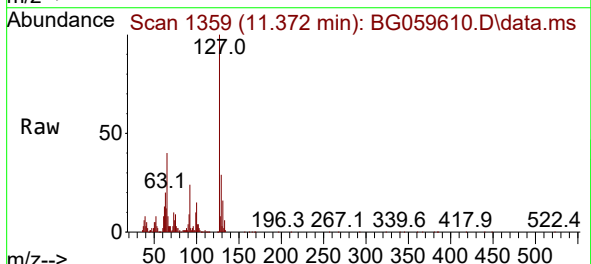
Instrument :
BNA_G
ClientSampleId :
SSTD080445

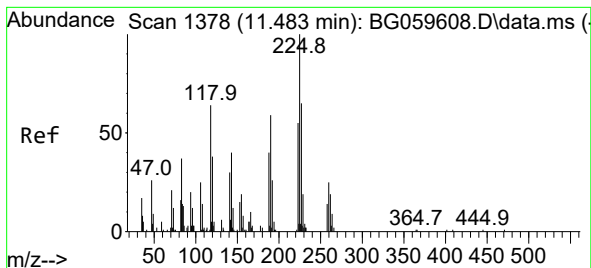
Tgt Ion:128 Resp: 730902
Ion Ratio Lower Upper
128 100
129 10.9 7.3 10.9#
127 13.6 10.1 15.1



#32
4-Chloroaniline
Concen: 77.304 ng/ul
RT: 11.372 min Scan# 1359
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion:127 Resp: 300976
Ion Ratio Lower Upper
127 100
129 29.3 29.0 43.6





#33

Hexachlorobutadiene

Concen: 87.135 ng/ul

RT: 11.483 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

SSTD080445

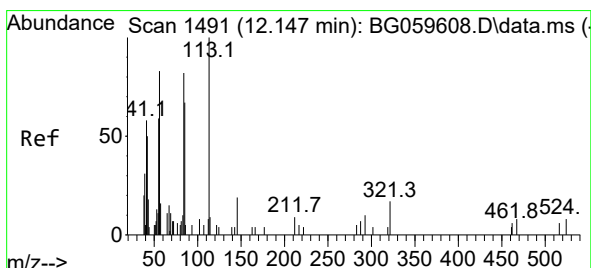
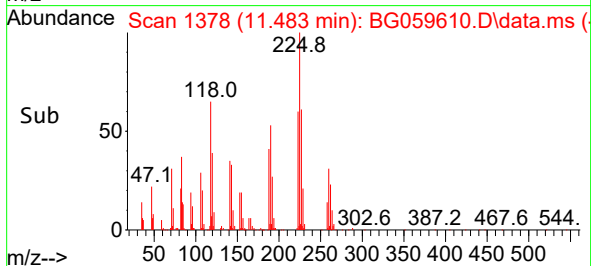
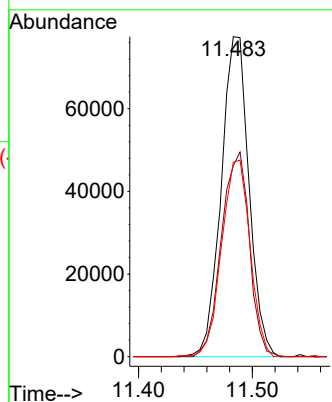
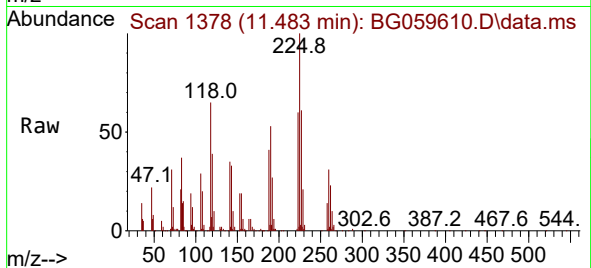
Tgt Ion:225 Resp: 131654

Ion Ratio Lower Upper

225 100

223 59.7 43.7 65.5

227 60.7 52.1 78.1



#34

Caprolactam

Concen: 3.278 ng/ul

RT: 12.265 min Scan# 1511

Delta R.T. 0.117 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

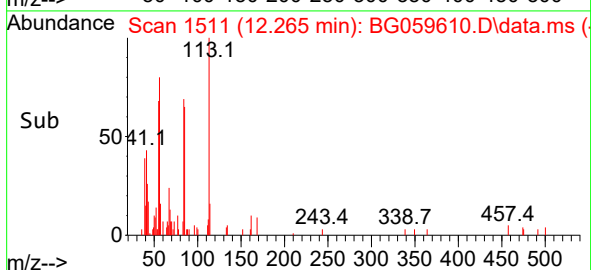
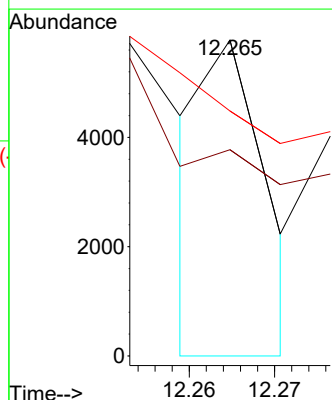
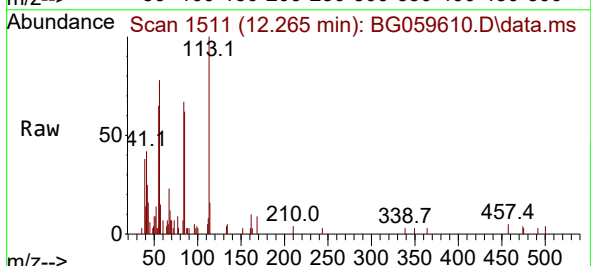
Tgt Ion:113 Resp: 2824

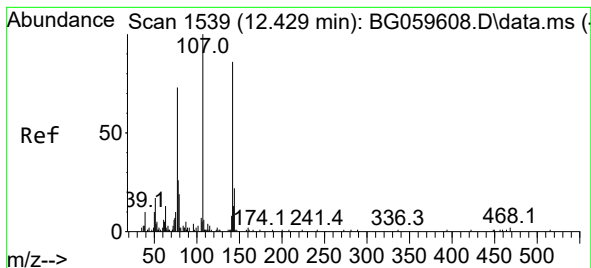
Ion Ratio Lower Upper

113 100

55 65.3 47.4 71.2

56 77.6 66.6 99.8

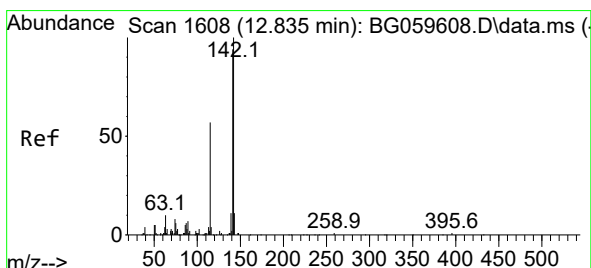
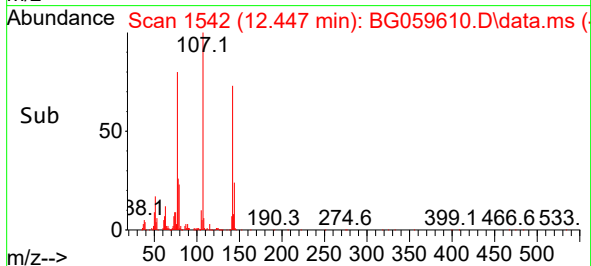
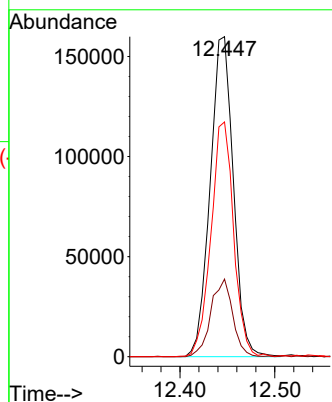
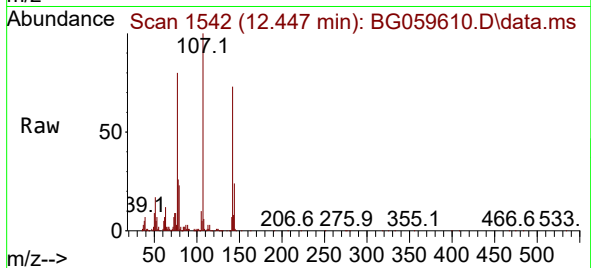




#35
4-Chloro-3-methylphenol
Concen: 90.828 ng/ul
RT: 12.447 min Scan# 11
Delta R.T. 0.018 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

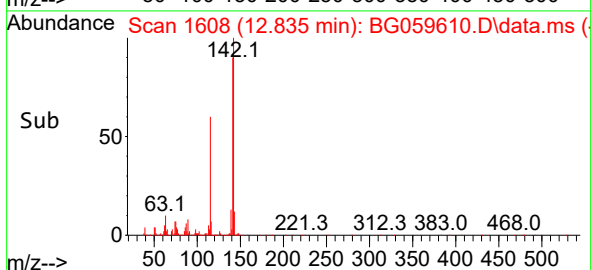
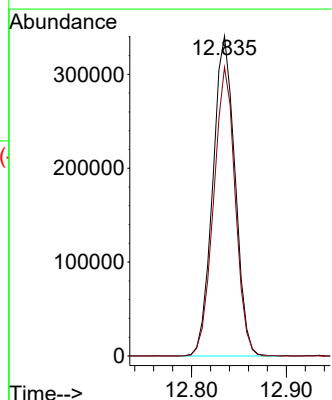
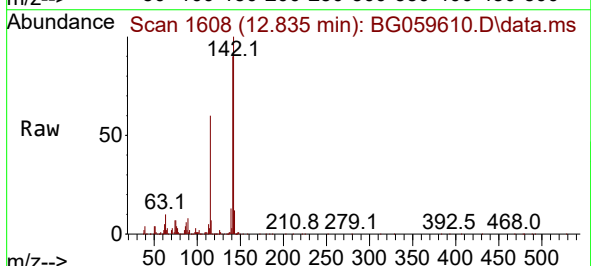
Instrument :
BNA_G
ClientSampleId :
SSTD080445

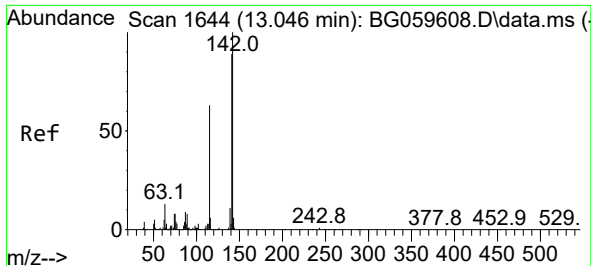
Tgt Ion:107 Resp: 271727
Ion Ratio Lower Upper
107 100
144 24.3 17.8 26.6
142 73.4 69.5 104.3



#36
2-Methylnaphthalene
Concen: 81.344 ng/ul
RT: 12.835 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion:142 Resp: 553782
Ion Ratio Lower Upper
142 100
141 90.3 75.1 112.7





#37

1-Methylnaphthalene

Concen: 79.832 ng/ul

RT: 13.052 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

SSTD080445

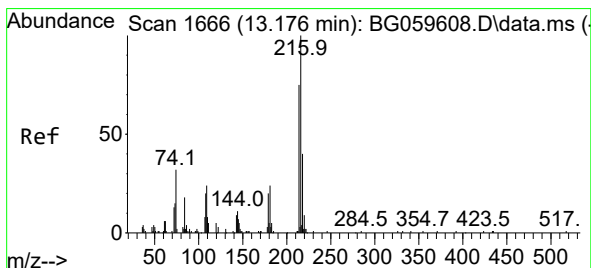
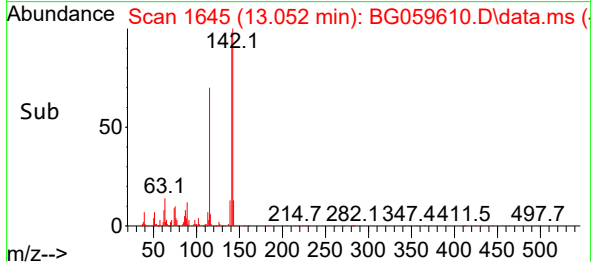
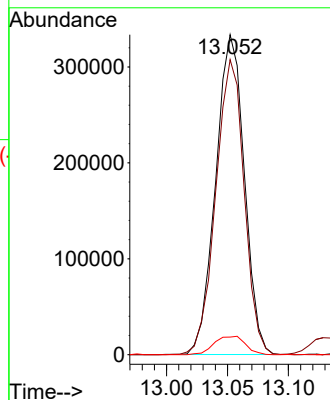
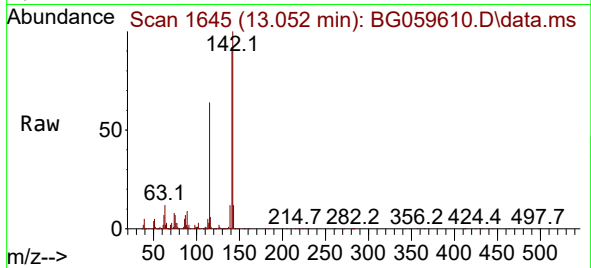
Tgt Ion:142 Resp: 546147

Ion Ratio Lower Upper

142 100

141 92.2 70.9 106.3

116 5.5 5.0 7.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 83.396 ng/ul

RT: 13.175 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

Tgt Ion:216 Resp: 245134

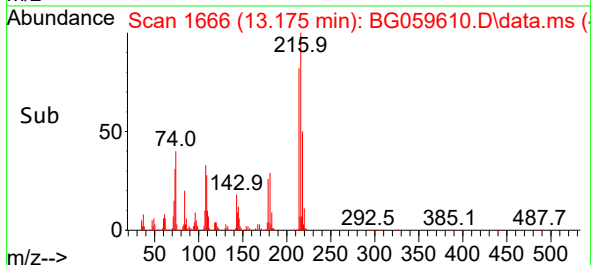
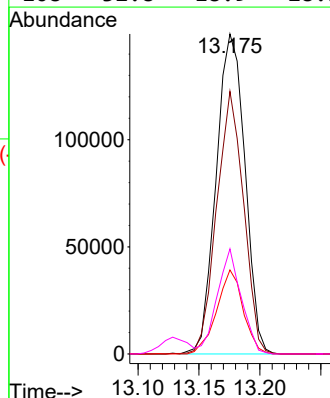
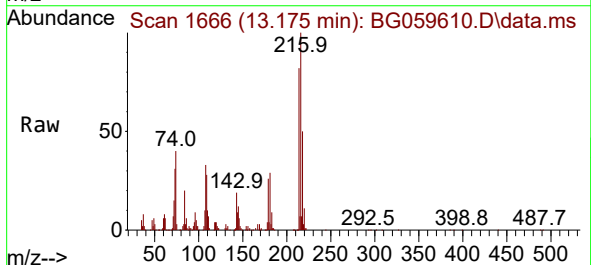
Ion Ratio Lower Upper

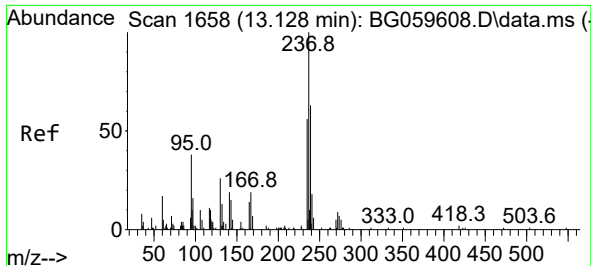
216 100

214 82.1 60.4 90.6

179 26.2 16.3 24.5#

108 32.8 18.9 28.3#

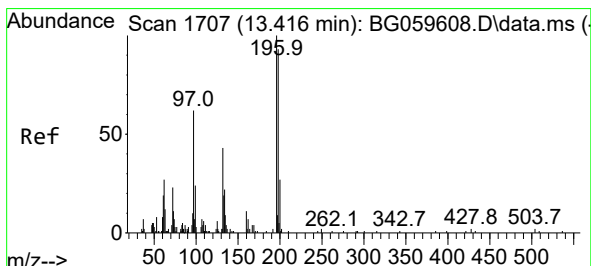
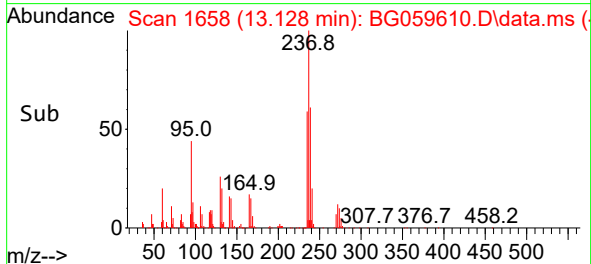
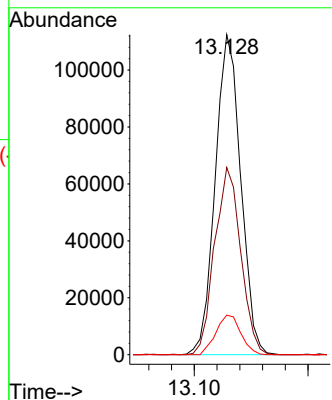
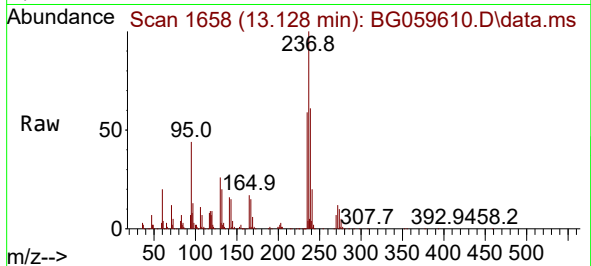




#40
Hexachlorocyclopentadiene
Concen: 100.723 ng/ul
RT: 13.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

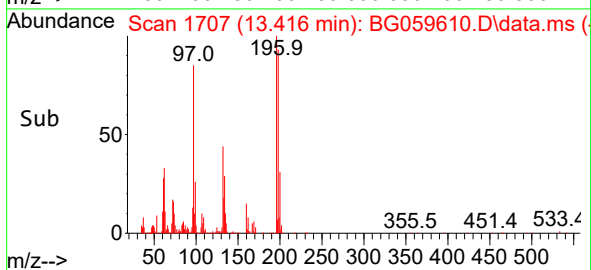
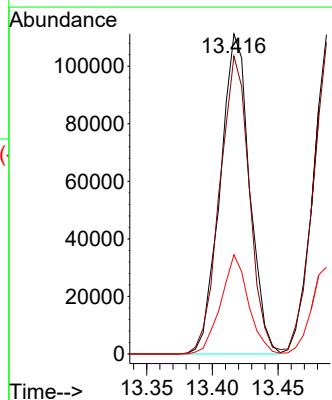
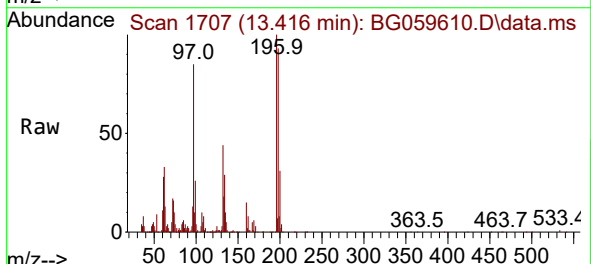
Instrument :
BNA_G
ClientSampleId :
SSTD080445

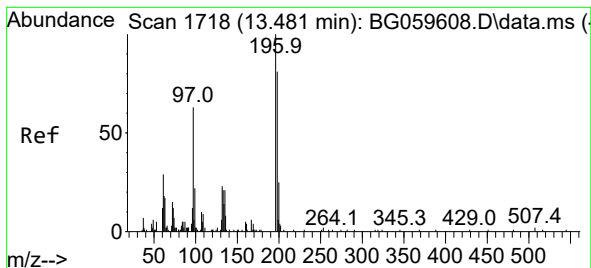
Tgt Ion:237 Resp: 175048
Ion Ratio Lower Upper
237 100
235 58.5 44.9 67.3
272 12.6 7.2 10.8#



#41
2,4,6-Trichlorophenol
Concen: 87.782 ng/ul
RT: 13.416 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion:196 Resp: 173755
Ion Ratio Lower Upper
196 100
198 93.0 74.0 111.0
200 31.0 22.0 33.0

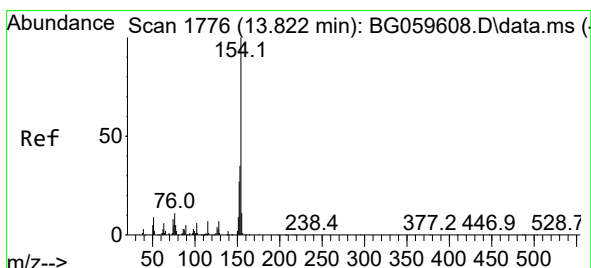
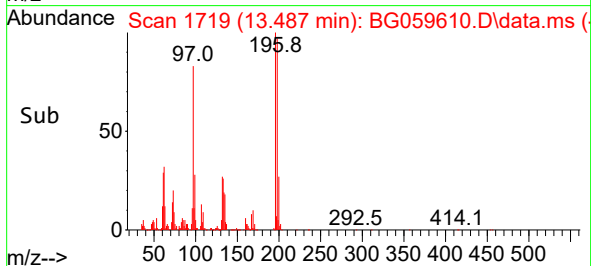
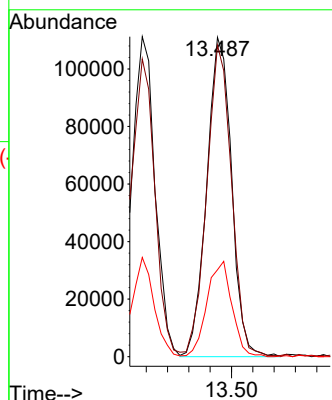
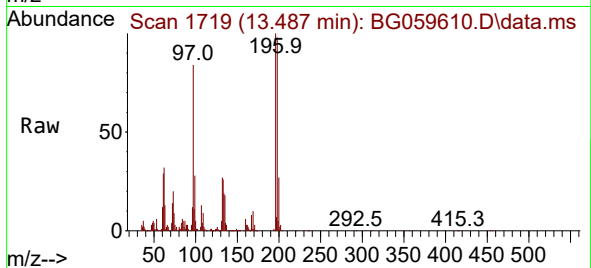




#42
2,4,5-Trichlorophenol
Concen: 82.520 ng/ul
RT: 13.487 min Scan# 1718
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

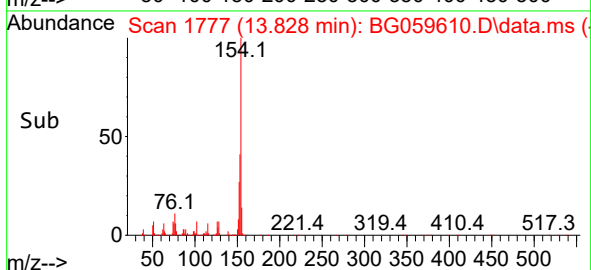
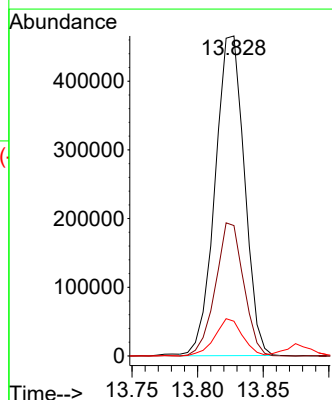
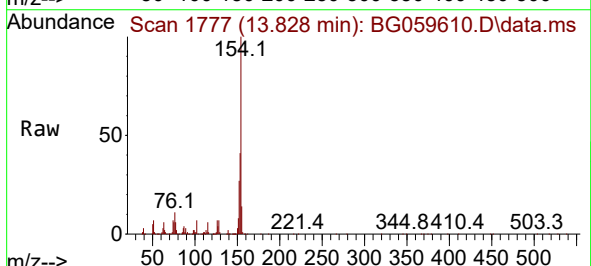
Instrument :
BNA_G
ClientSampleId :
SSTD080445

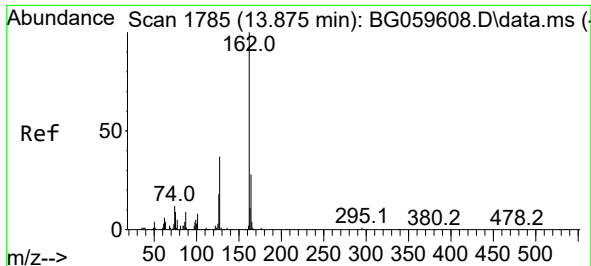
Tgt Ion:196 Resp: 180082
Ion Ratio Lower Upper
196 100
198 97.6 65.8 98.6
200 27.2 19.5 29.3



#43
1,1'-Biphenyl
Concen: 77.801 ng/ul
RT: 13.828 min Scan# 1777
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion:154 Resp: 722010
Ion Ratio Lower Upper
154 100
153 40.7 27.8 41.8
76 10.9 9.2 13.8

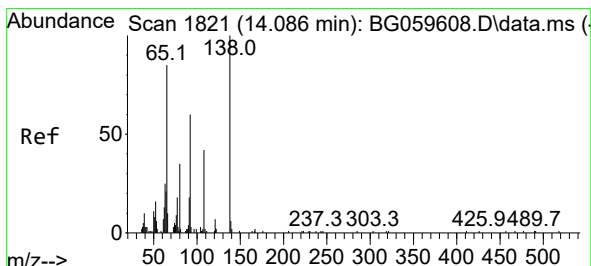
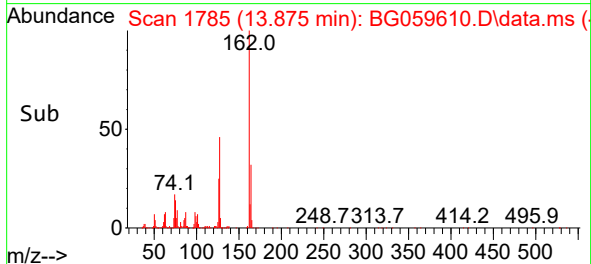
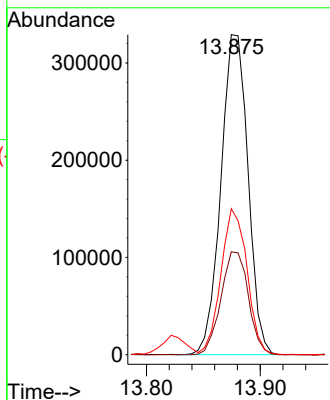
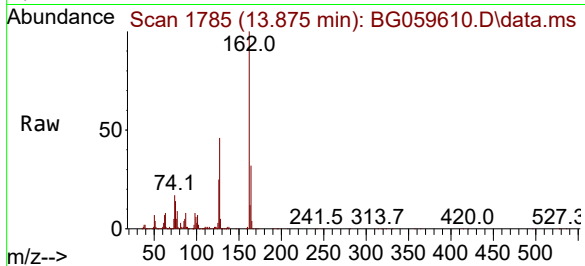




#44
2-Chloronaphthalene
Concen: 76.289 ng/ul
RT: 13.875 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

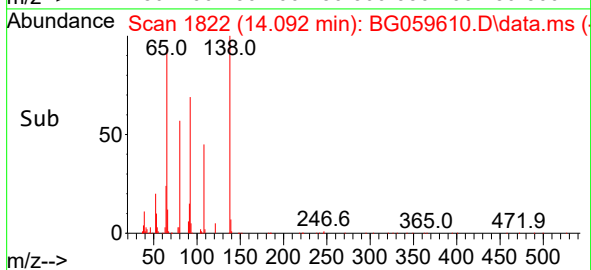
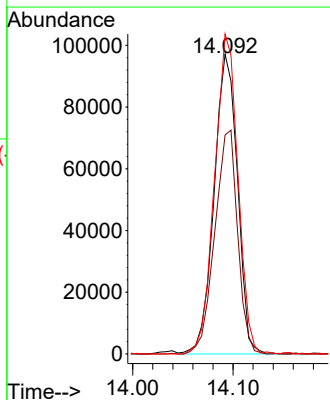
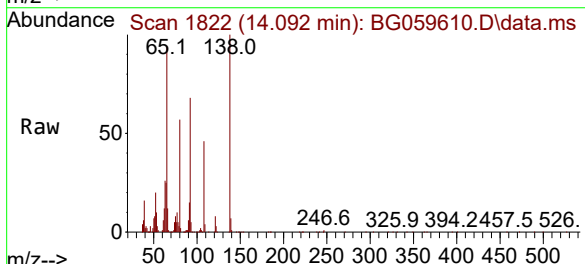
Instrument :
BNA_G
ClientSampleId :
SSTD080445

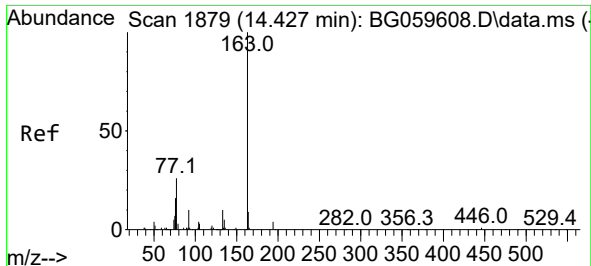
Tgt Ion:162 Resp: 545058
Ion Ratio Lower Upper
162 100
164 32.1 22.2 33.4
127 45.6 31.4 47.2



#45
2-Nitroaniline
Concen: 112.938 ng/ul
RT: 14.092 min Scan# 1822
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion: 65 Resp: 156658
Ion Ratio Lower Upper
65 100
92 73.1 56.5 84.7
138 106.7 94.6 141.8

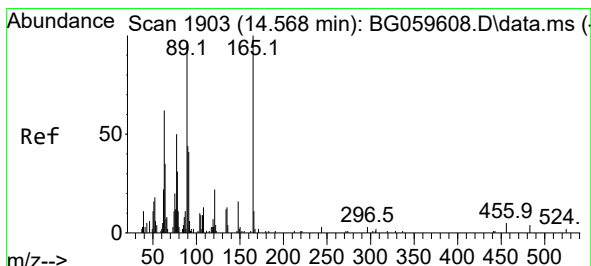
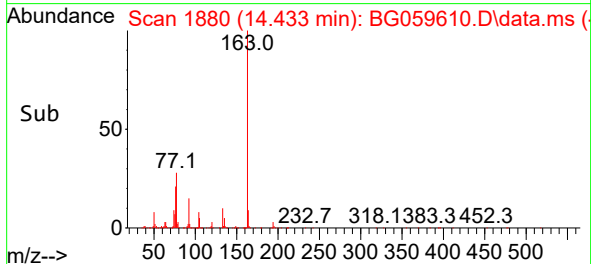
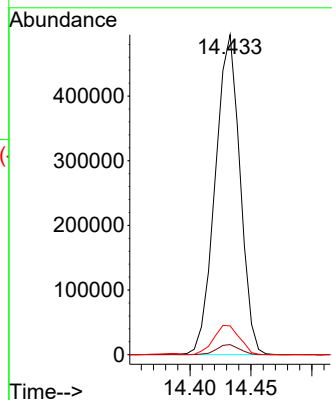
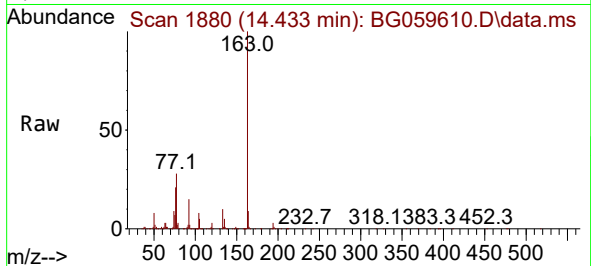




#47
Dimethylphthalate
Concen: 76.814 ng/ul
RT: 14.433 min Scan# 1879
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

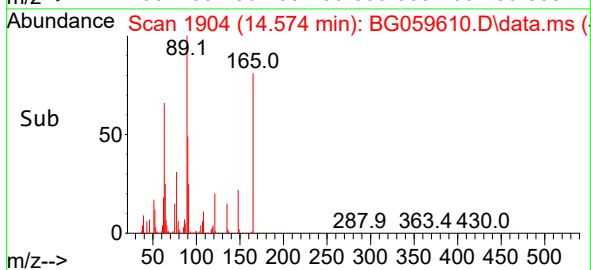
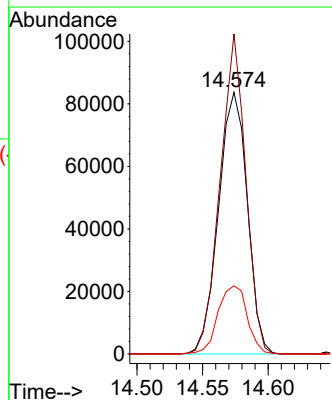
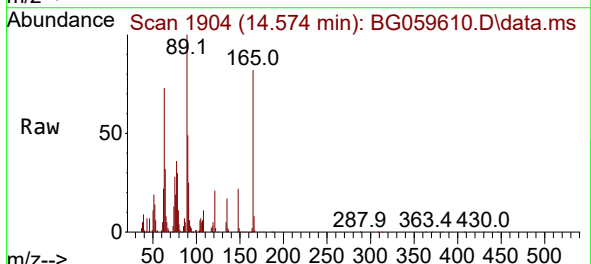
Instrument :
BNA_G
ClientSampleId :
SSTD080445

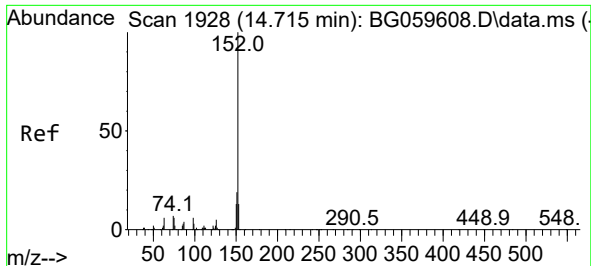
Tgt Ion:163 Resp: 700447
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 9.0 7.0 10.6



#48
2,6-Dinitrotoluene
Concen: 91.143 ng/ul
RT: 14.574 min Scan# 1904
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion:165 Resp: 127907
Ion Ratio Lower Upper
165 100
89 122.3 79.2 118.8#
121 26.0 17.9 26.9

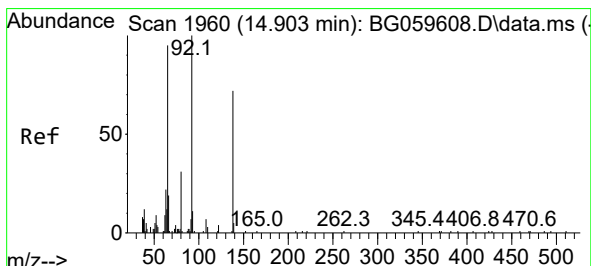
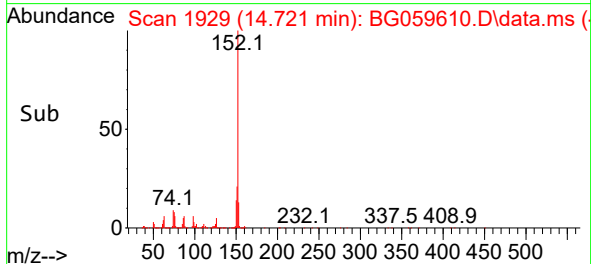
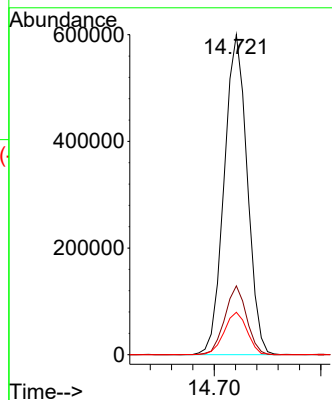
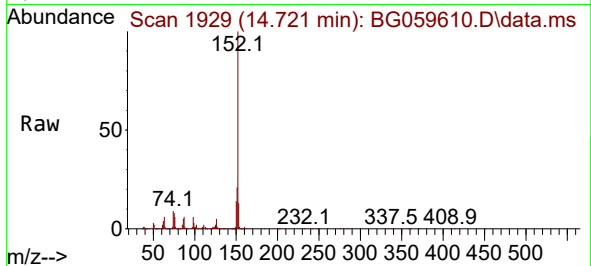




#50
Acenaphthylene
Concen: 72.720 ng/ul
RT: 14.721 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

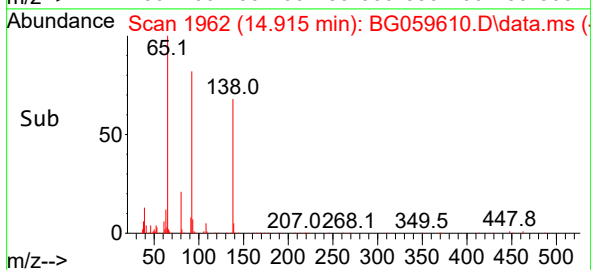
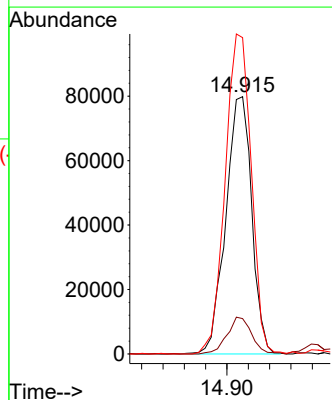
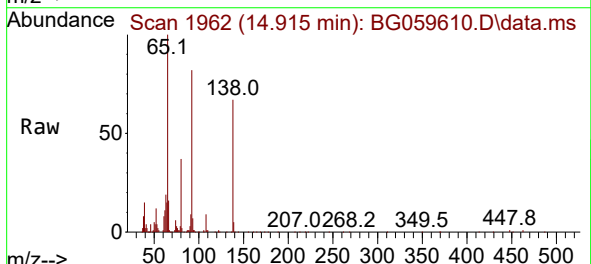
Instrument :
BNA_G
ClientSampleId :
SSTD080445

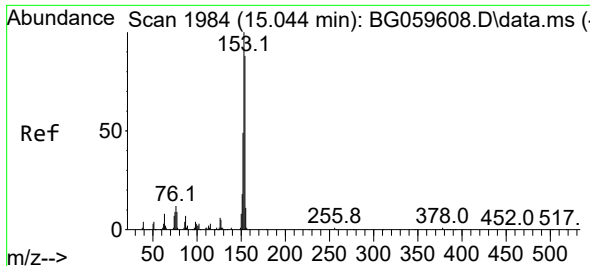
Tgt Ion:152 Resp: 898811
Ion Ratio Lower Upper
152 100
151 21.5 15.1 22.7
153 13.3 10.2 15.2



#51
3-Nitroaniline
Concen: 78.346 ng/ul
RT: 14.915 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion:138 Resp: 135021
Ion Ratio Lower Upper
138 100
108 13.8 8.2 12.2#
92 123.0 110.6 165.8

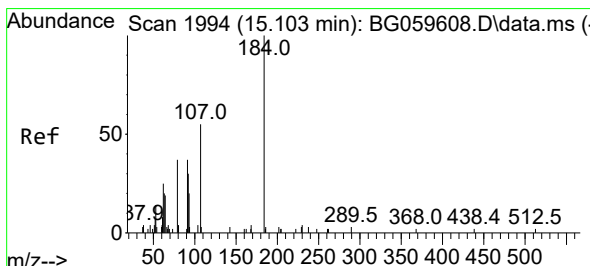
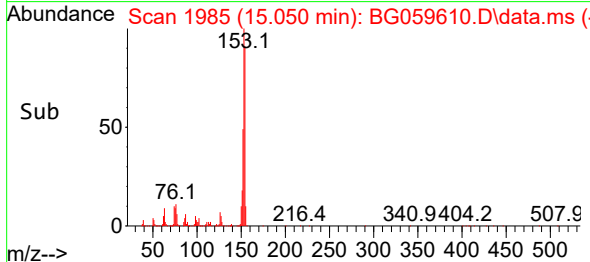
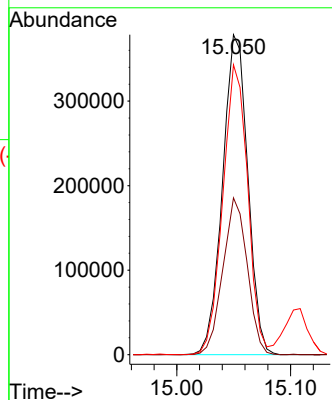
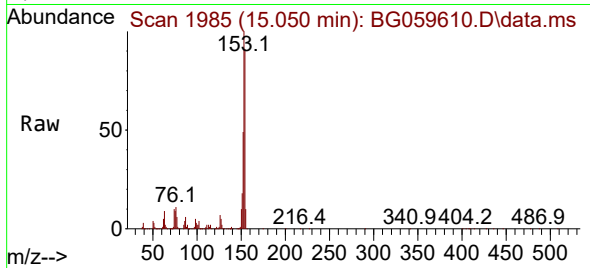




#52
Acenaphthene
Concen: 72.340 ng/ul
RT: 15.050 min Scan# 1985
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

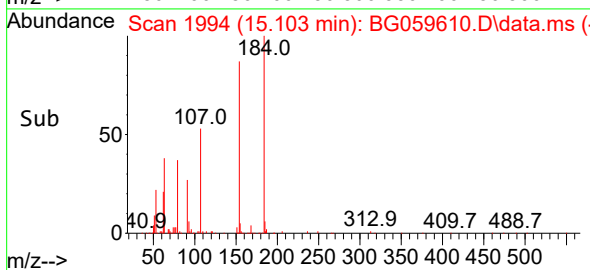
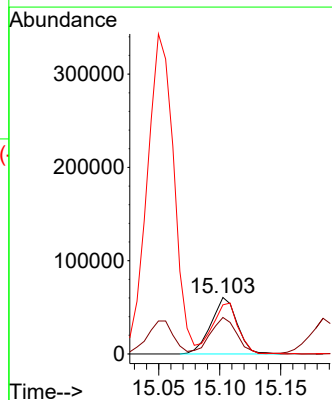
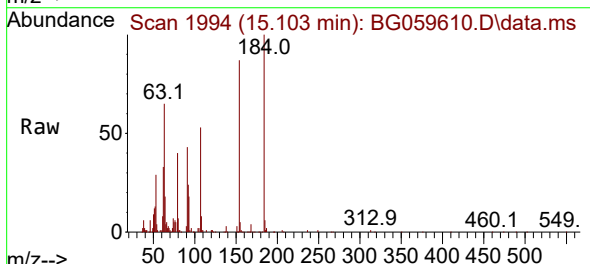
Instrument :
BNA_G
ClientSampleId :
SSTD080445

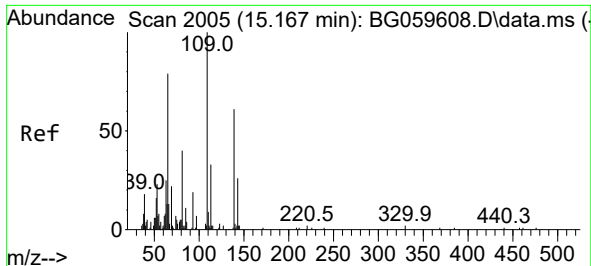
Tgt Ion:153 Resp: 584717
Ion Ratio Lower Upper
153 100
152 49.0 39.4 59.0
154 90.6 70.7 106.1



#53
2,4-Dinitrophenol
Concen: 107.242 ng/ul
RT: 15.103 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion:184 Resp: 90352
Ion Ratio Lower Upper
184 100
63 64.6 33.8 50.8#
154 87.2 65.1 97.7

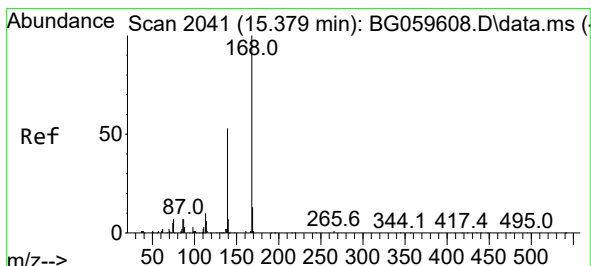
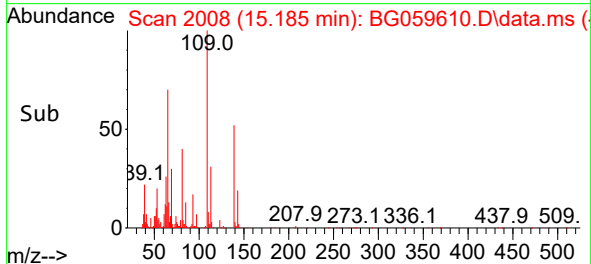
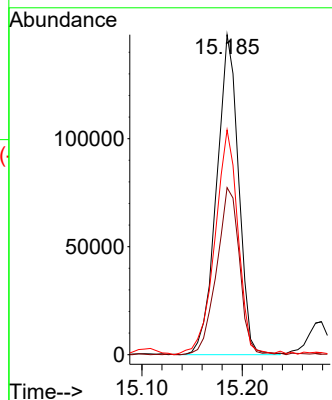
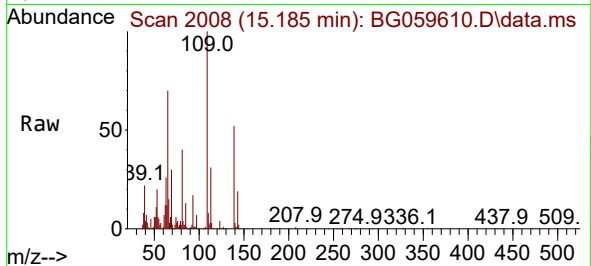




#55
4-Nitrophenol
Concen: 119.257 ng/ul
RT: 15.185 min Scan# 2008
Delta R.T. 0.018 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

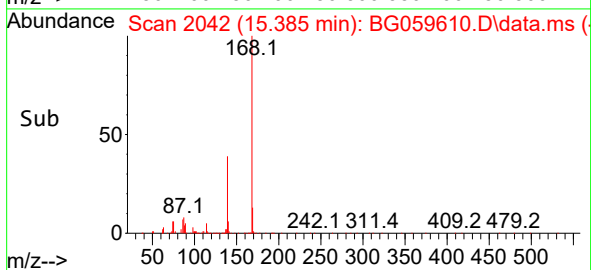
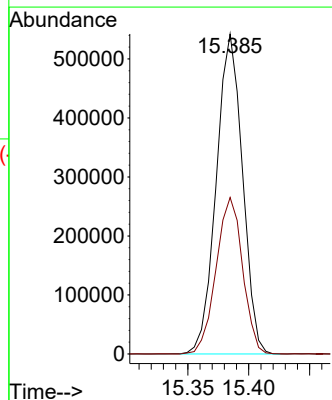
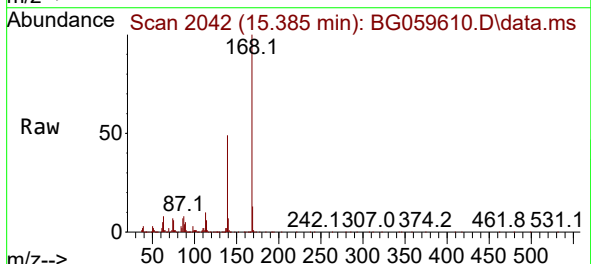
Instrument :
BNA_G
ClientSampleId :
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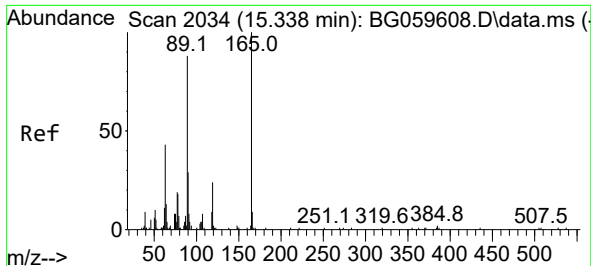
Tgt Ion:109 Resp: 224772
Ion Ratio Lower Upper
109 100
139 52.2 48.8 73.2
65 70.3 63.3 94.9



#56
Dibenzofuran
Concen: 77.121 ng/ul
RT: 15.385 min Scan# 2042
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion:168 Resp: 811509
Ion Ratio Lower Upper
168 100
139 48.9 42.3 63.5





#57

2,4-Dinitrotoluene

Concen: 90.052 ng/ul

RT: 15.349 min Scan# 2034

Delta R.T. 0.012 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

SSTD080445

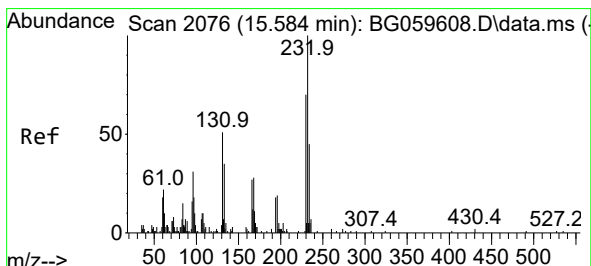
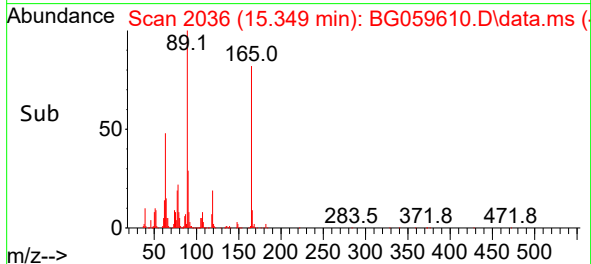
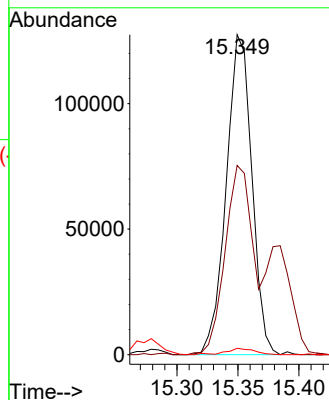
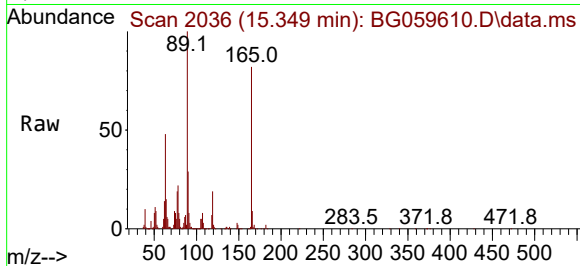
Tgt Ion:165 Resp: 186436

Ion Ratio Lower Upper

165 100

63 59.2 34.3 51.5#

182 2.0 1.0 1.4#



#58

2,3,4,6-Tetrachlorophenol

Concen: 83.403 ng/ul

RT: 15.590 min Scan# 2077

Delta R.T. 0.006 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

Tgt Ion:232 Resp: 146591

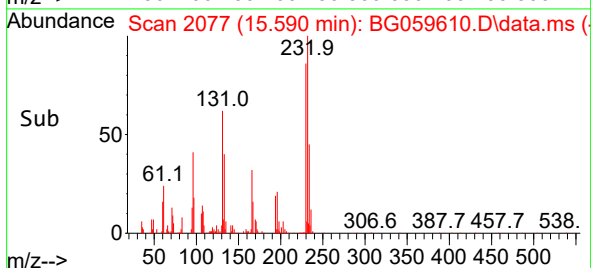
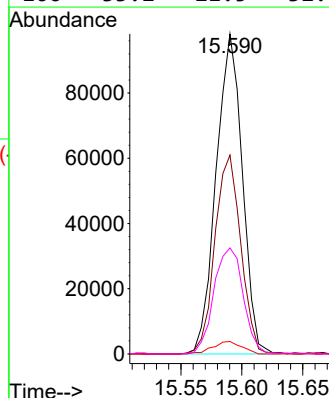
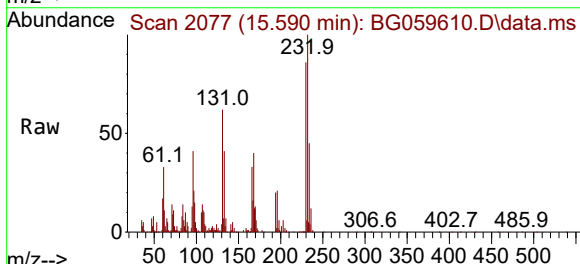
Ion Ratio Lower Upper

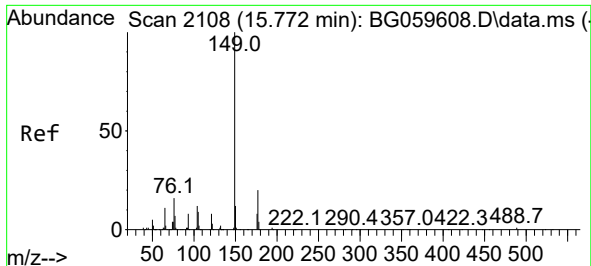
232 100

131 62.2 40.7 61.1#

130 3.9 3.0 4.4

166 33.2 21.5 32.3#

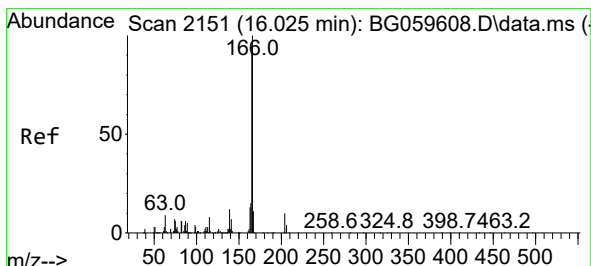
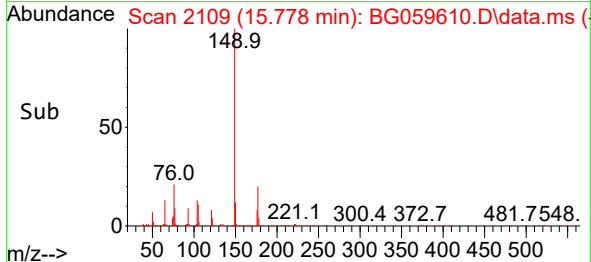
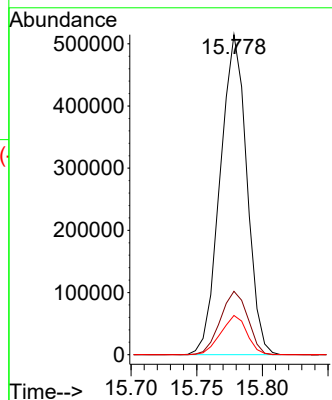
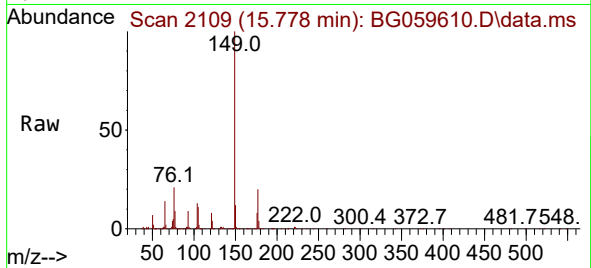




#59
Diethylphthalate
Concen: 74.031 ng/ul
RT: 15.778 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

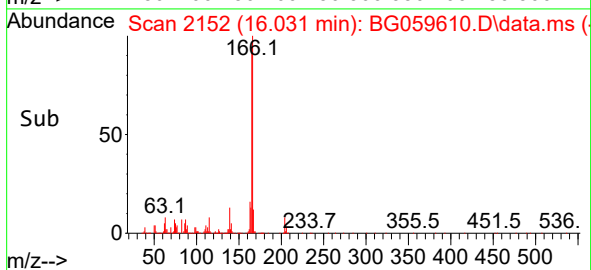
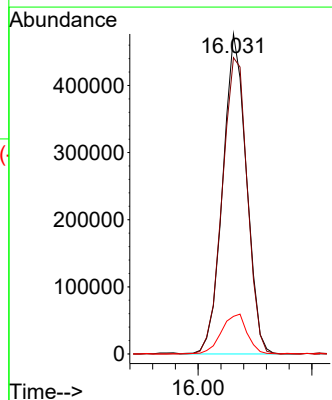
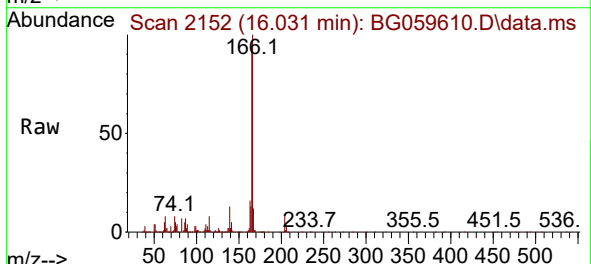
Instrument :
BNA_G
ClientSampleId :
SSTD080445

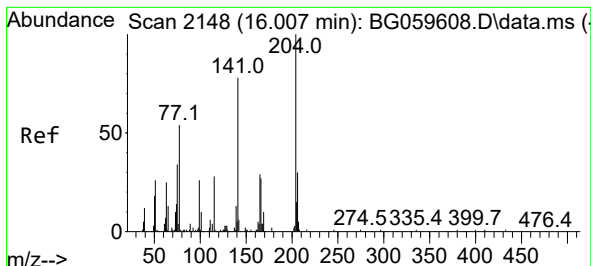
Tgt Ion:149 Resp: 727427
Ion Ratio Lower Upper
149 100
177 19.8 16.2 24.4
150 12.2 9.9 14.9



#61
Fluorene
Concen: 75.719 ng/ul
RT: 16.031 min Scan# 2152
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion:166 Resp: 688316
Ion Ratio Lower Upper
166 100
165 92.6 73.0 109.4
167 11.7 9.3 13.9

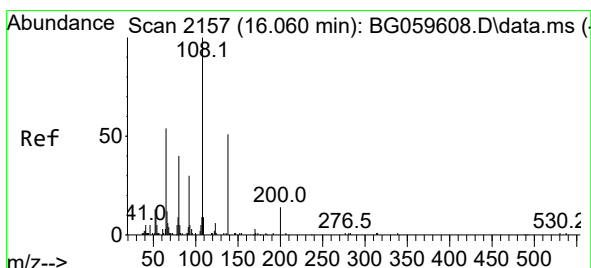
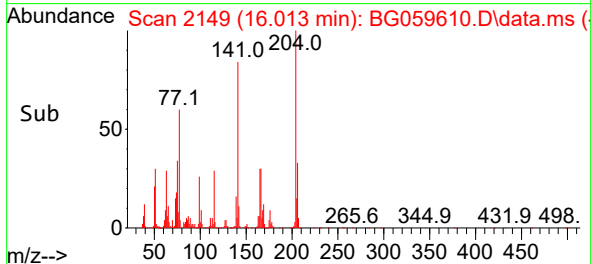
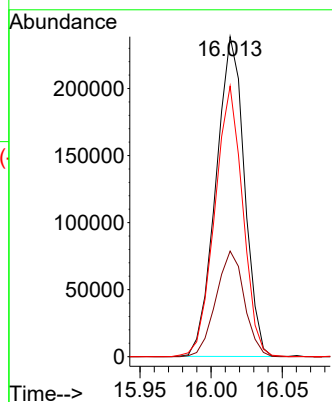
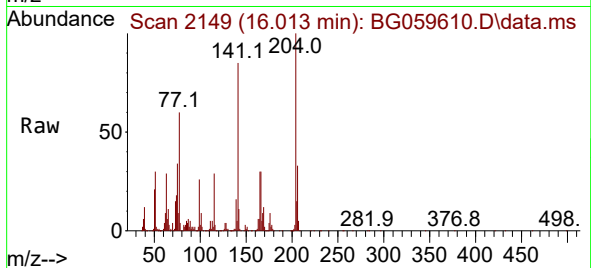




#62
4-Chlorophenyl-phenylether
Concen: 82.446 ng/ul
RT: 16.013 min Scan# 2148
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

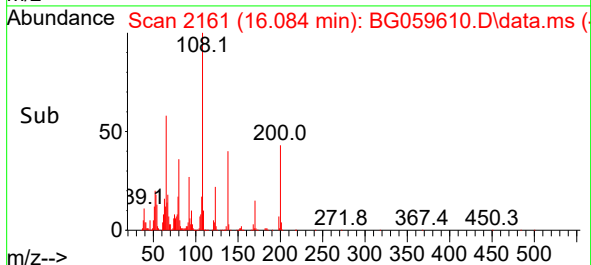
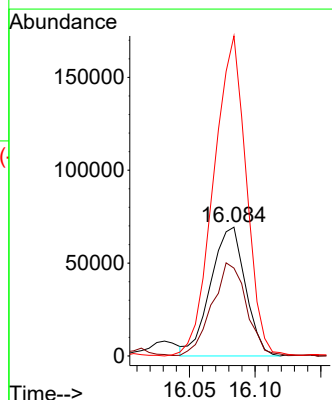
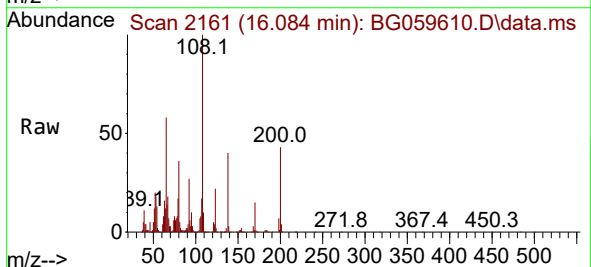
Instrument :
BNA_G
ClientSampleId :
SSTD080445

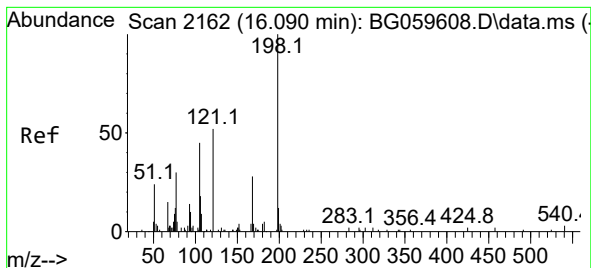
Tgt Ion:204 Resp: 332399
Ion Ratio Lower Upper
204 100
206 33.0 24.1 36.1
141 84.5 62.5 93.7



#63
4-Nitroaniline
Concen: 71.633 ng/ul
RT: 16.084 min Scan# 2161
Delta R.T. 0.023 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion:138 Resp: 127455
Ion Ratio Lower Upper
138 100
92 68.2 43.8 65.6#
108 248.4 150.1 225.1#

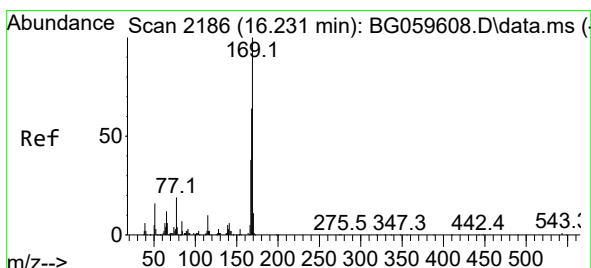
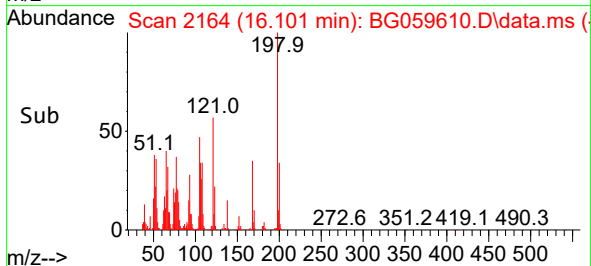
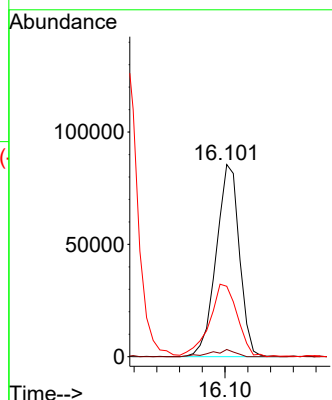
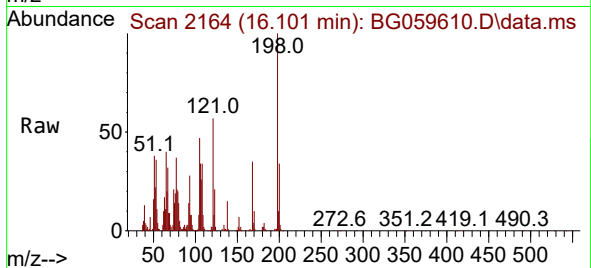




#66
4,6-Dinitro-2-methylphenol
Concen: 98.510 ng/ul
RT: 16.101 min Scan# 2164
Delta R.T. 0.012 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

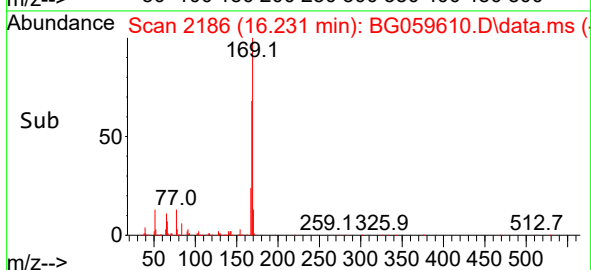
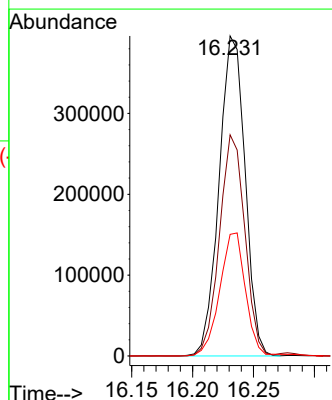
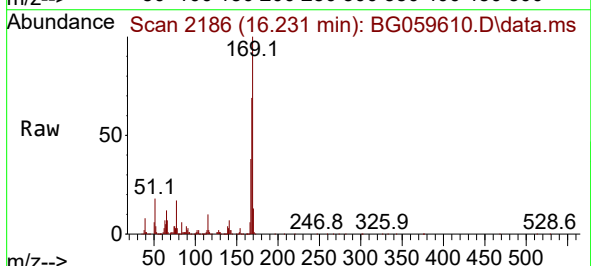
Instrument :
BNA_G
ClientSampleId :
SSTD080445

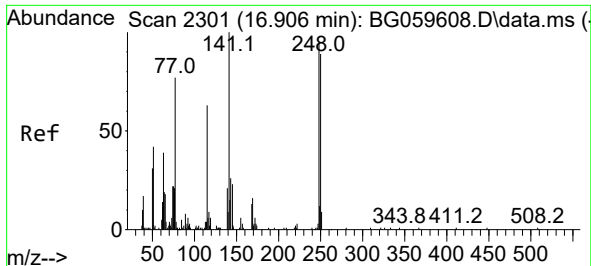
Tgt Ion:198 Resp: 121343
Ion Ratio Lower Upper
198 100
182 3.7 4.3 6.5#
77 36.6 29.2 43.8



#67
N-Nitrosodiphenylamine
Concen: 74.407 ng/ul
RT: 16.231 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion:169 Resp: 587817
Ion Ratio Lower Upper
169 100
168 69.1 51.2 76.8
167 38.0 30.2 45.4

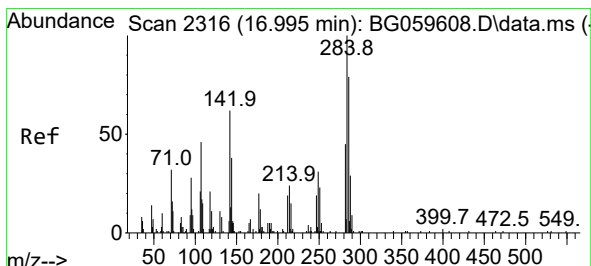
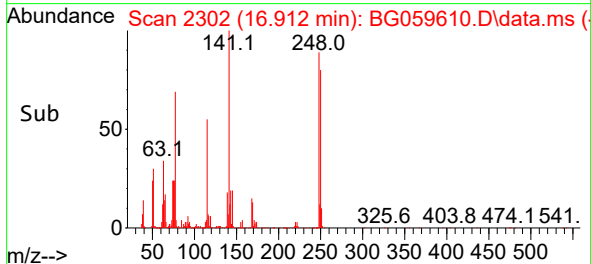
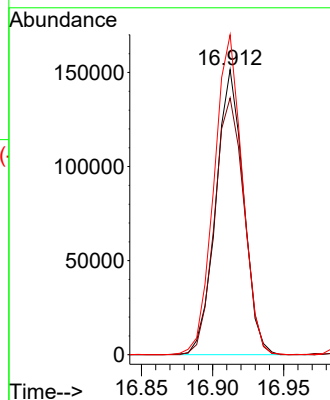
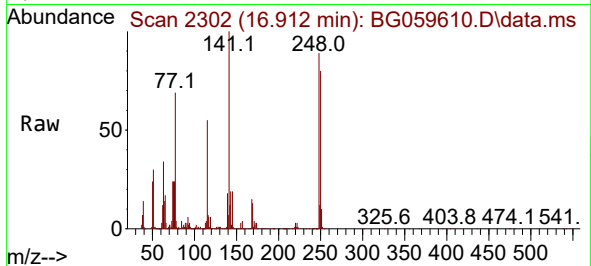




#68
4-Bromophenyl-phenylether
Concen: 86.001 ng/ul
RT: 16.912 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

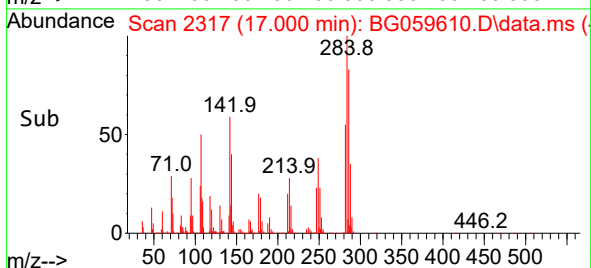
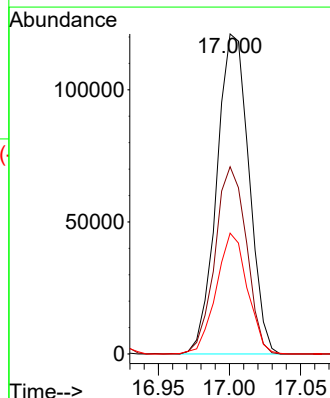
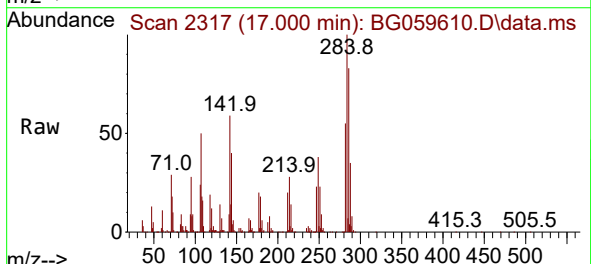
Instrument :
BNA_G
ClientSampleId :
SSTD080445

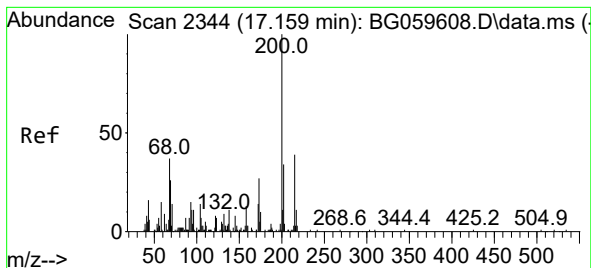
Tgt Ion:248 Resp: 204583
Ion Ratio Lower Upper
248 100
250 90.1 75.6 113.4
141 112.2 85.4 128.0



#69
Hexachlorobenzene
Concen: 71.655 ng/ul
RT: 17.000 min Scan# 2317
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion:284 Resp: 190981
Ion Ratio Lower Upper
284 100
142 58.5 49.8 74.6
249 37.7 25.3 37.9





#70

Atrazine

Concen: 79.961 ng/ul

RT: 17.171 min Scan# 21

Delta R.T. 0.012 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

SSTD080445

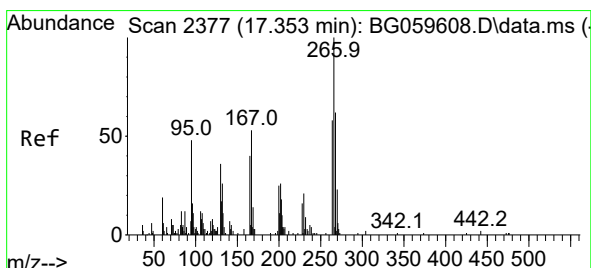
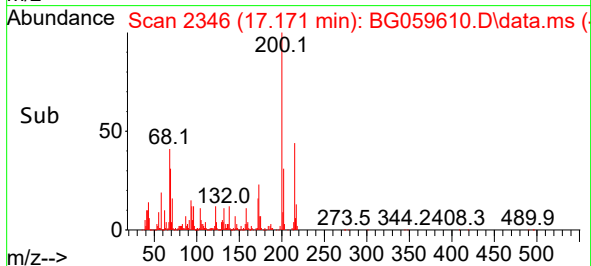
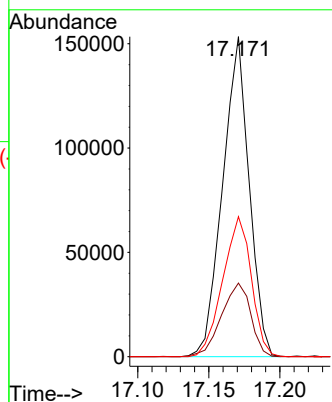
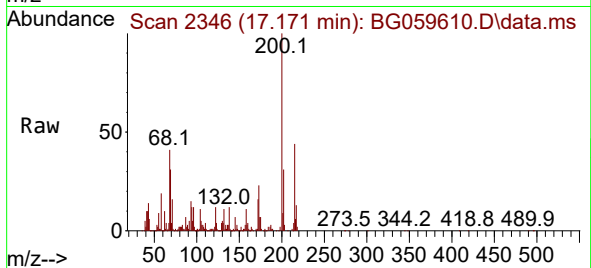
Tgt Ion:200 Resp: 198676

Ion Ratio Lower Upper

200 100

173 23.0 21.8 32.6

215 43.8 30.6 46.0



#71

Pentachlorophenol

Concen: 86.292 ng/ul

RT: 17.359 min Scan# 2378

Delta R.T. 0.006 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

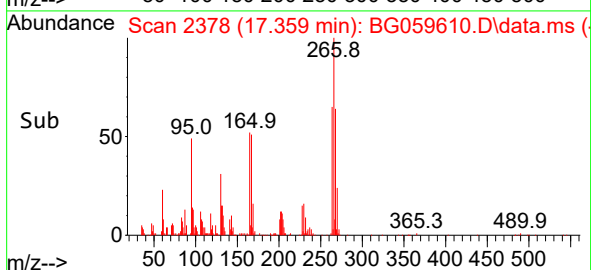
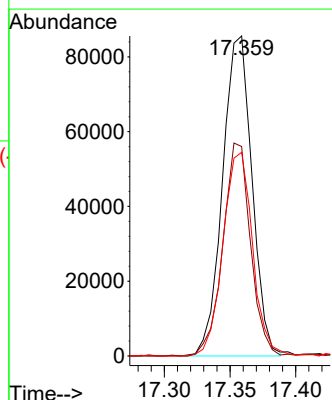
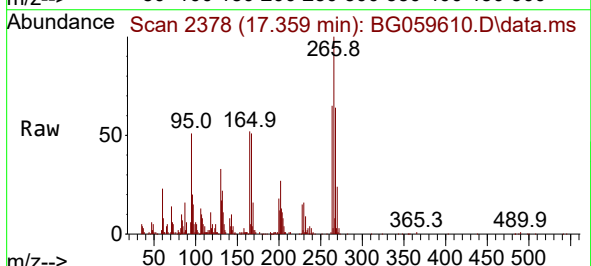
Tgt Ion:266 Resp: 133475

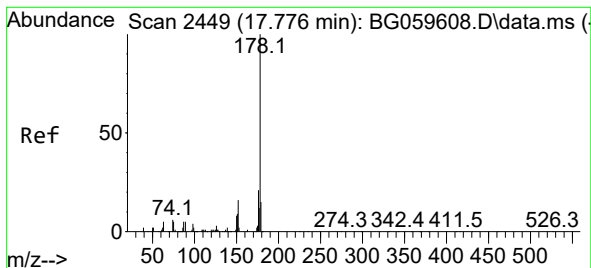
Ion Ratio Lower Upper

266 100

264 65.5 46.6 70.0

268 63.7 50.3 75.5





#72

Phenanthrene

Concen: 72.099 ng/ul

RT: 17.782 min Scan# 2449

Delta R.T. 0.006 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

SSTD080445

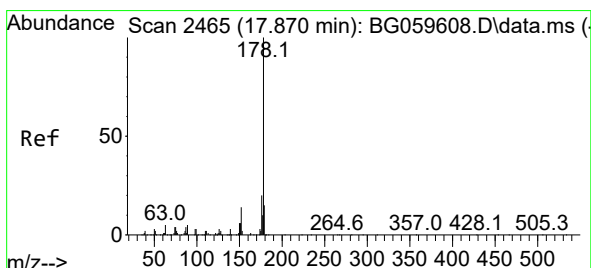
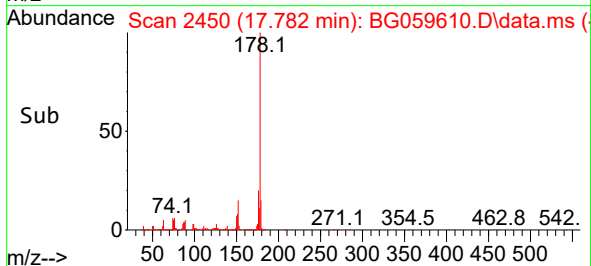
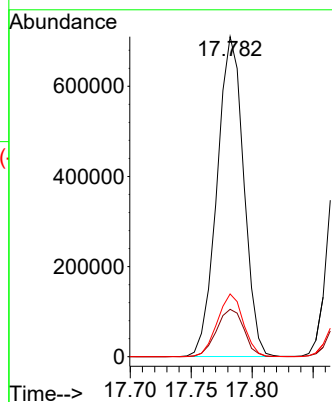
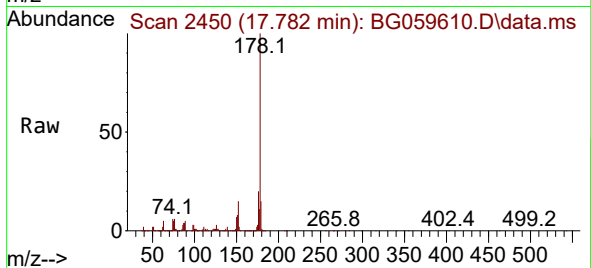
Tgt Ion:178 Resp: 1081254

Ion Ratio Lower Upper

178 100

179 14.8 11.8 17.6

176 19.6 16.4 24.6



#74

Anthracene

Concen: 71.709 ng/ul

RT: 17.876 min Scan# 2466

Delta R.T. 0.006 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

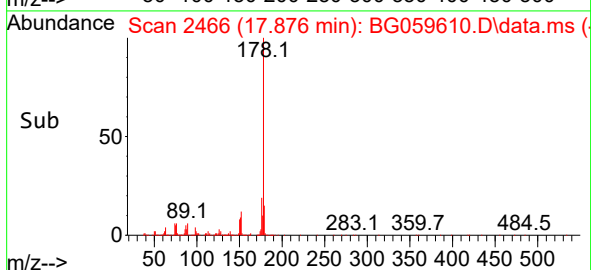
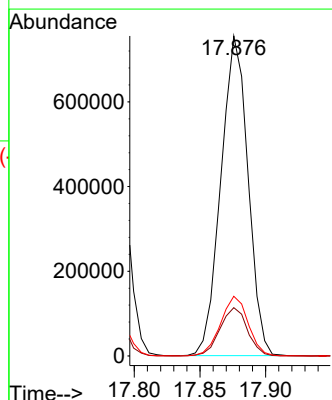
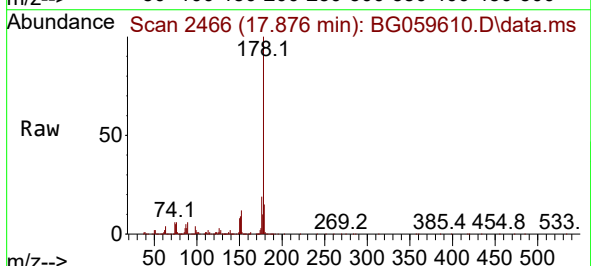
Tgt Ion:178 Resp: 1084501

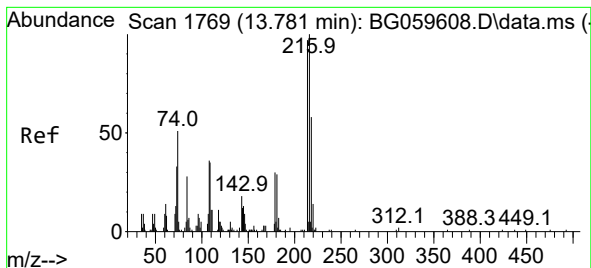
Ion Ratio Lower Upper

178 100

179 15.1 12.0 18.0

176 18.7 15.6 23.4

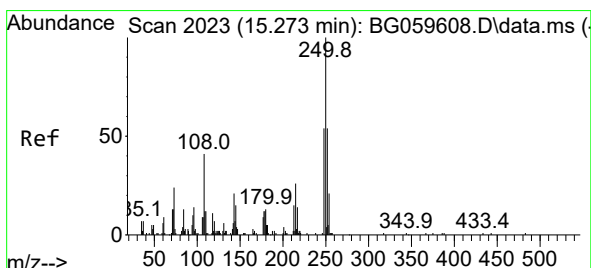
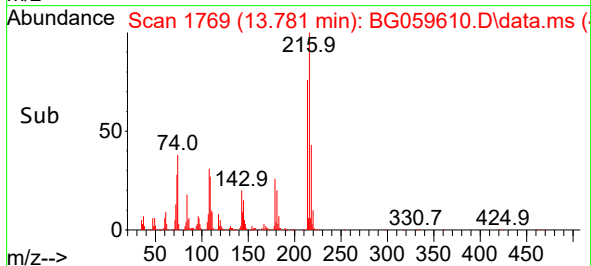
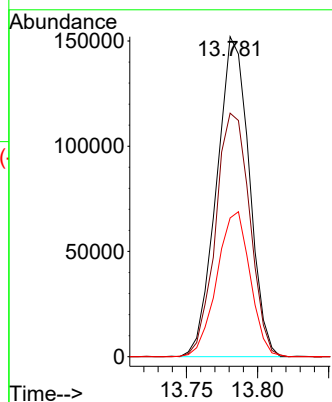
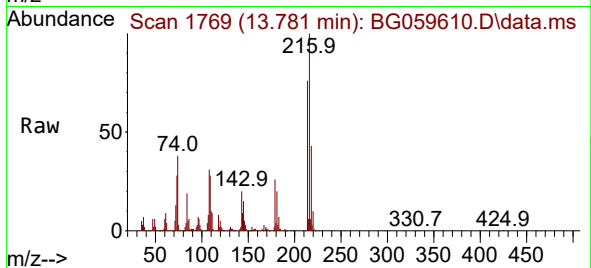




#75
1,2,3,4-Tetrachlorobenzene
Concen: 80.408 ng/uL
RT: 13.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

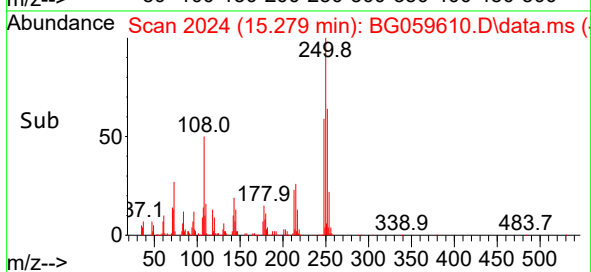
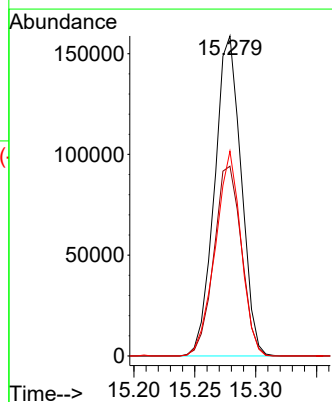
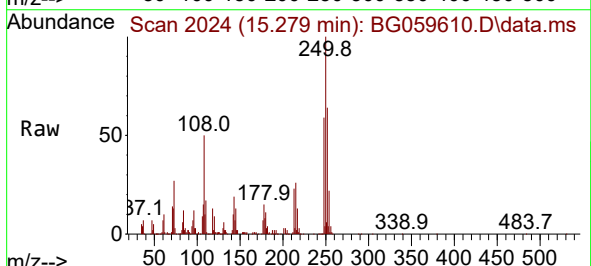
Instrument :
BNA_G
ClientSampleId :
SSTD080445

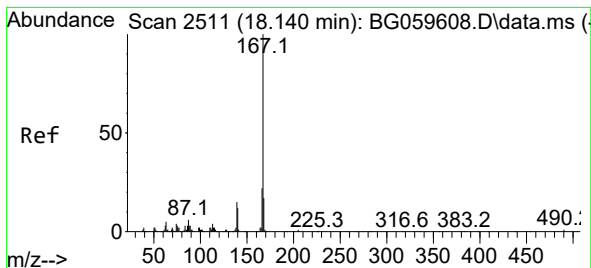
Tgt Ion:216 Resp: 243137
Ion Ratio Lower Upper
216 100
214 76.1 81.8 122.6#
218 43.4 46.3 69.5#



#76
Pentachlorobenzene
Concen: 81.848 ng/uL
RT: 15.279 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion:250 Resp: 241086
Ion Ratio Lower Upper
250 100
248 59.3 43.6 65.4
252 64.0 47.2 70.8





#77

Carbazole

Concen: 74.349 ng/ul

RT: 18.152 min Scan# 2513

Delta R.T. 0.012 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

SSTD080445

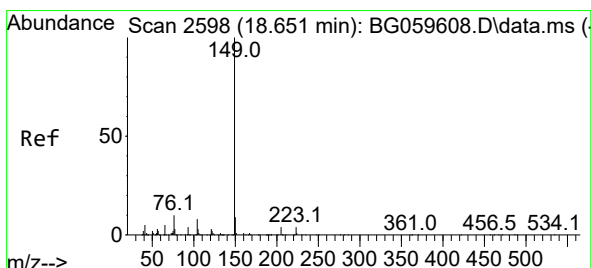
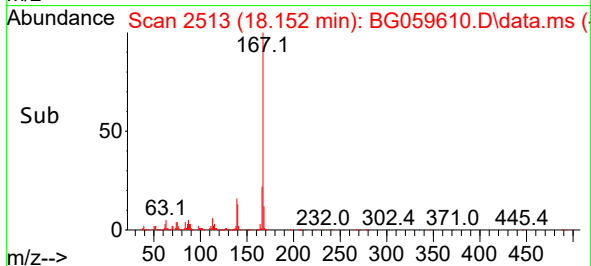
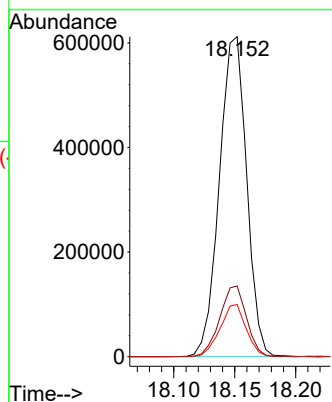
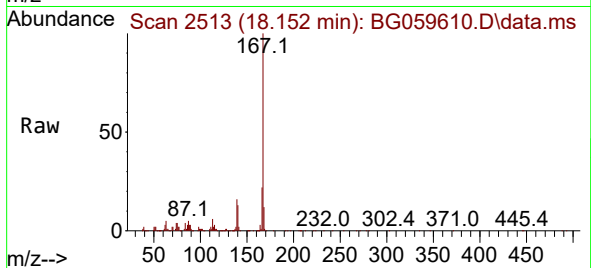
Tgt Ion:167 Resp: 951622

Ion Ratio Lower Upper

167 100

166 22.1 17.9 26.9

139 16.3 11.8 17.8



#78

Di-n-butylphthalate

Concen: 65.479 ng/ul

RT: 18.657 min Scan# 2599

Delta R.T. 0.006 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

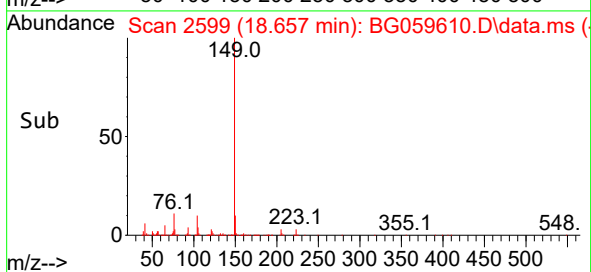
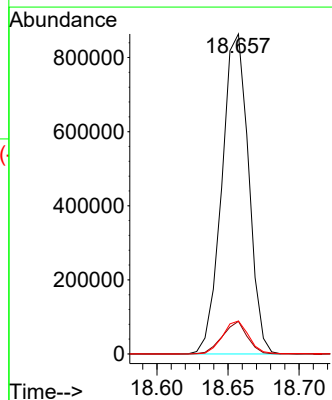
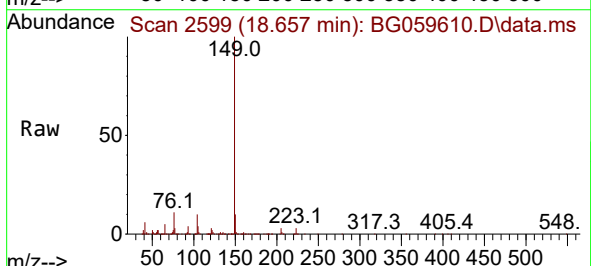
Tgt Ion:149 Resp: 1129272

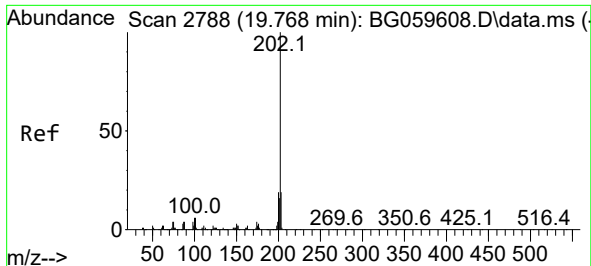
Ion Ratio Lower Upper

149 100

150 10.2 7.6 11.4

104 10.3 6.6 9.8#

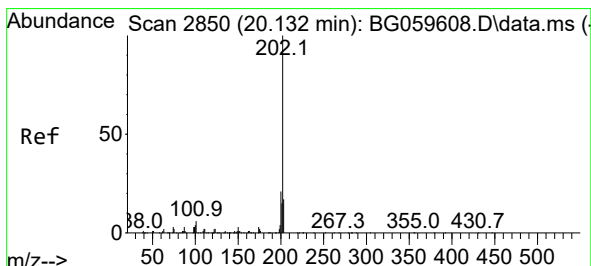
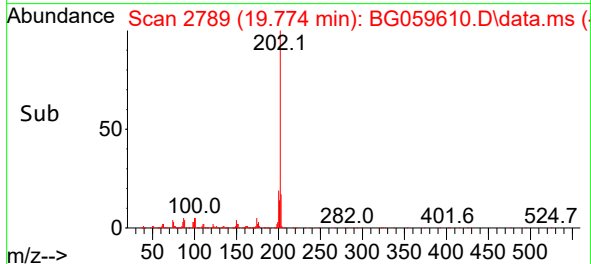
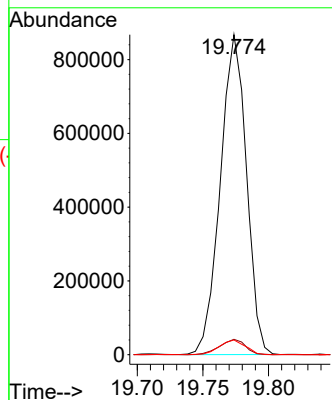
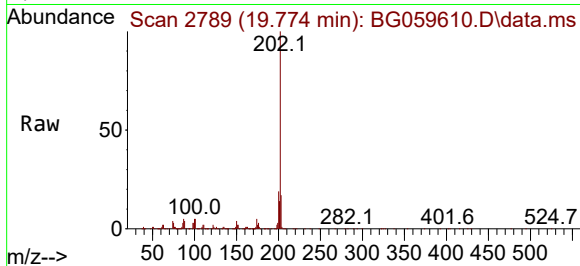




#80
Fluoranthene
Concen: 76.599 ng/ul
RT: 19.774 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

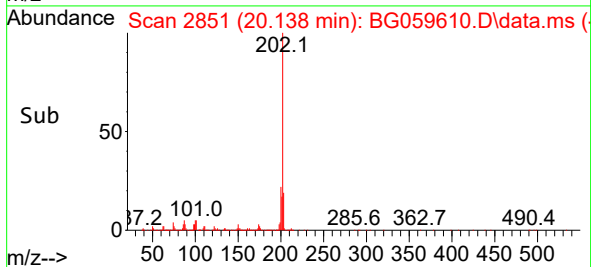
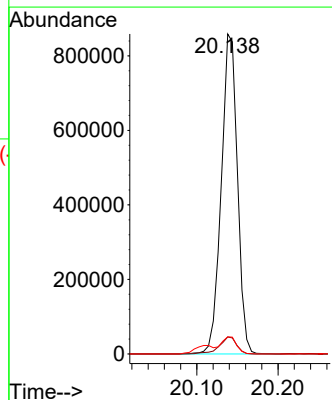
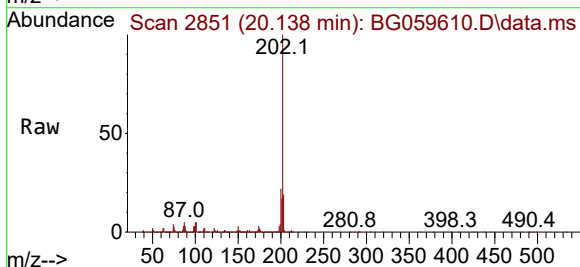
Instrument :
BNA_G
ClientSampleId :
SSTD080445

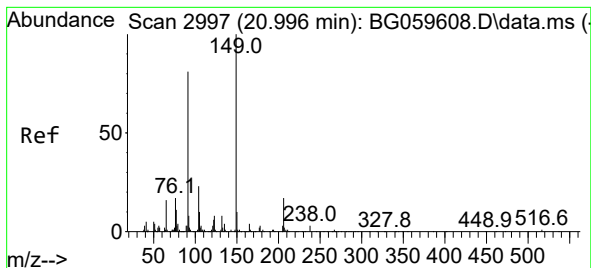
Tgt Ion:202 Resp: 1202314
Ion Ratio Lower Upper
202 100
101 4.8 4.6 7.0
100 4.6 4.8 7.2#



#82
Pyrene
Concen: 73.120 ng/ul
RT: 20.138 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion:202 Resp: 1190847
Ion Ratio Lower Upper
202 100
101 5.3 4.6 6.8
100 5.4 5.1 7.7





#83

Butylbenzylphthalate

Concen: 65.350 ng/ul

RT: 21.002 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

SSTD080445

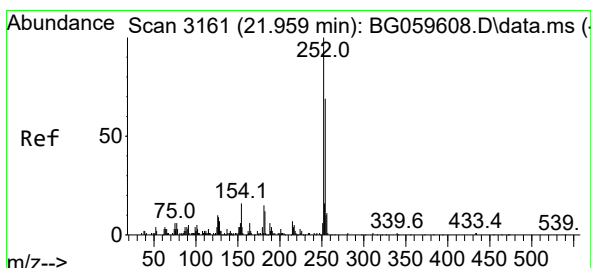
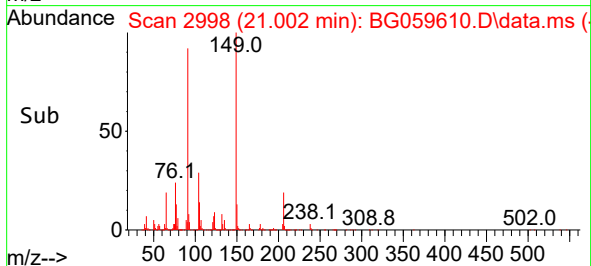
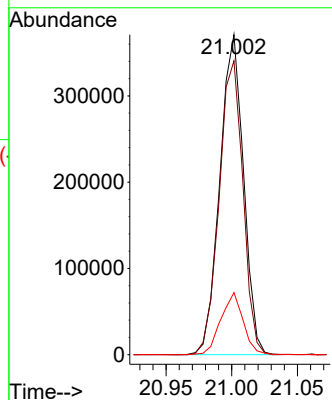
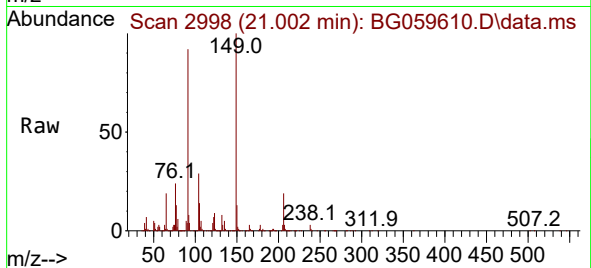
Tgt Ion:149 Resp: 465227

Ion Ratio Lower Upper

149 100

91 91.9 64.6 96.8

206 19.4 13.4 20.2



#84

3,3'-Dichlorobenzidine

Concen: 74.385 ng/ul

RT: 21.965 min Scan# 3162

Delta R.T. 0.006 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

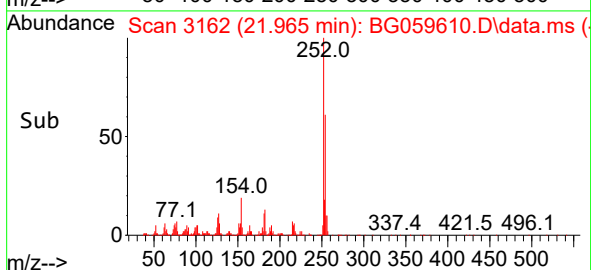
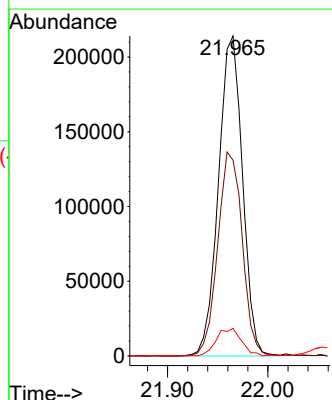
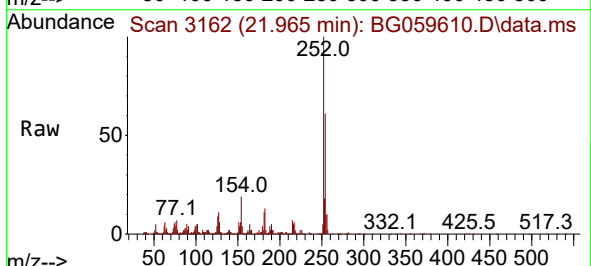
Tgt Ion:252 Resp: 355957

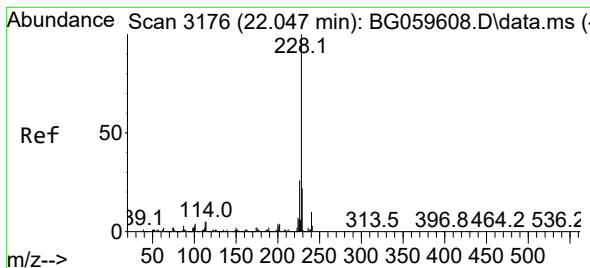
Ion Ratio Lower Upper

252 100

254 61.2 54.9 82.3

126 8.6 8.2 12.4





#85

Benzo(a)anthracene

Concen: 74.218 ng/ul

RT: 22.053 min Scan# 3177

Delta R.T. 0.006 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

SSTD080445

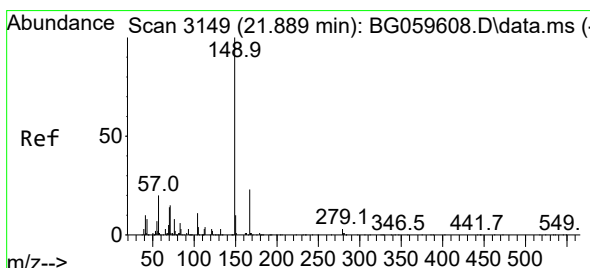
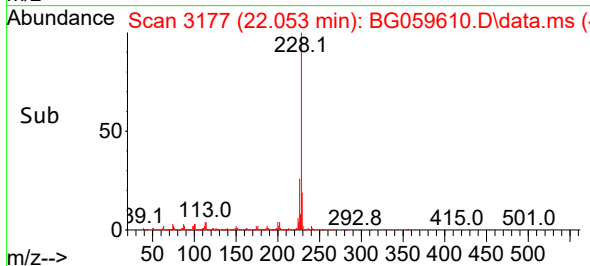
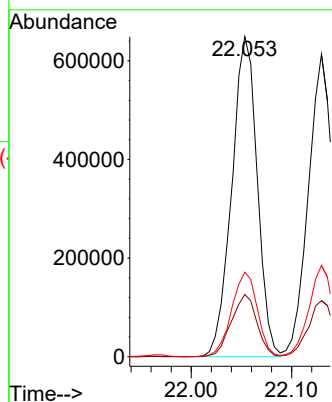
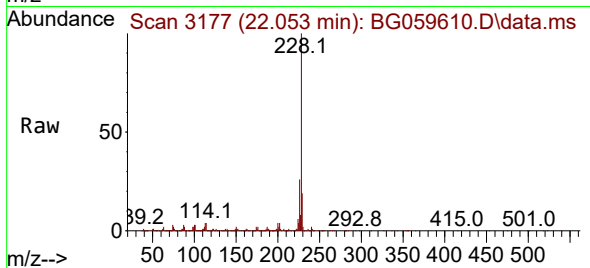
Tgt Ion:228 Resp: 1145215

Ion Ratio Lower Upper

228 100

229 19.5 17.7 26.5

226 26.4 21.1 31.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 63.115 ng/ul

RT: 21.889 min Scan# 3149

Delta R.T. -0.000 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

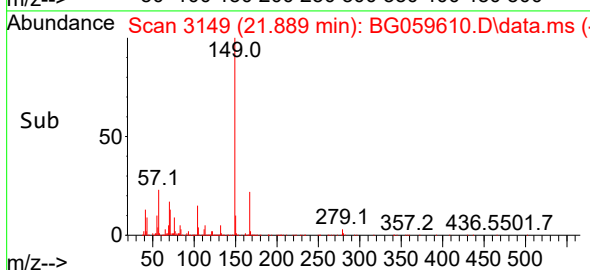
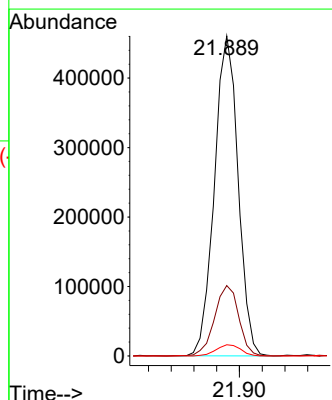
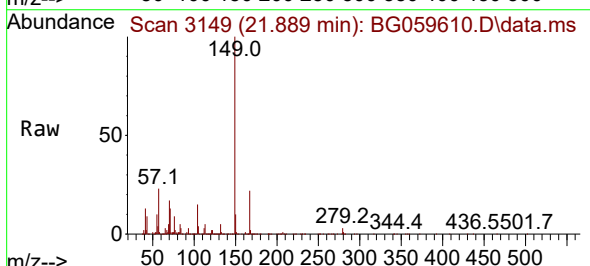
Tgt Ion:149 Resp: 665160

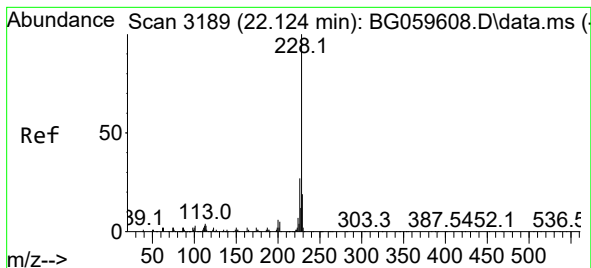
Ion Ratio Lower Upper

149 100

167 22.0 18.0 27.0

279 3.5 2.6 4.0





#87

Chrysene

Concen: 73.948 ng/ul

RT: 22.130 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

SSTD080445

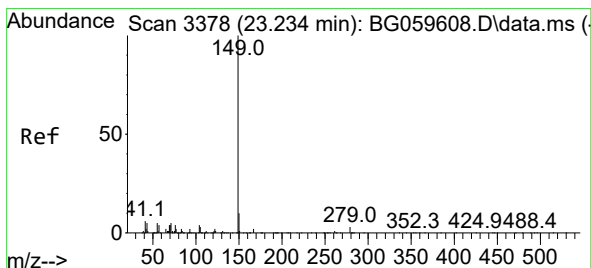
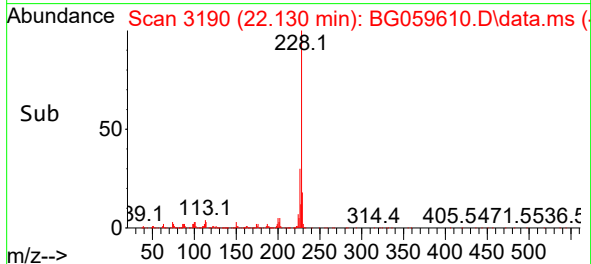
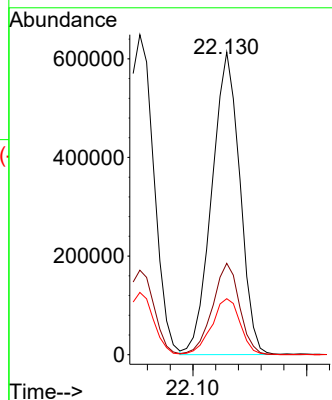
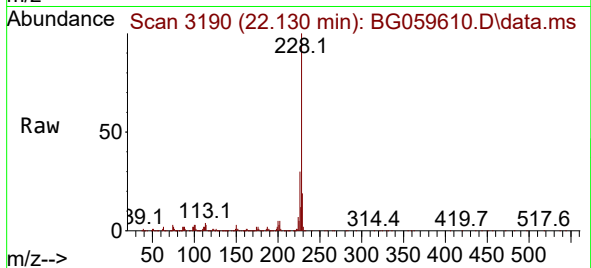
Tgt Ion:228 Resp: 1049169

Ion Ratio Lower Upper

228 100

226 30.2 21.7 32.5

229 18.5 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 56.164 ng/ul

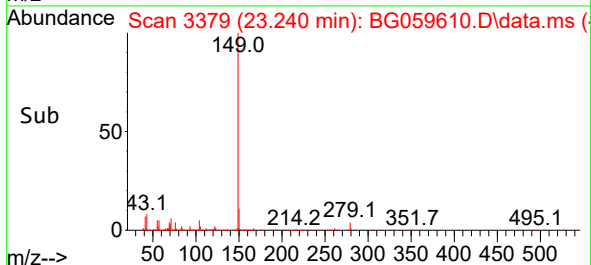
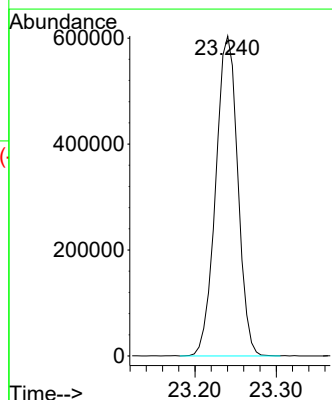
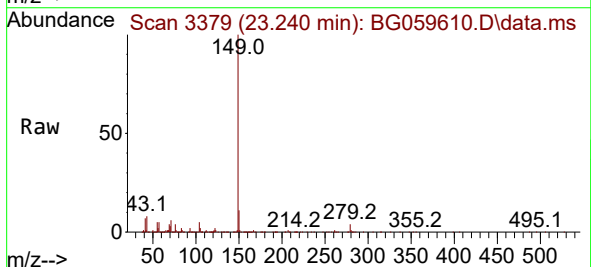
RT: 23.240 min Scan# 3379

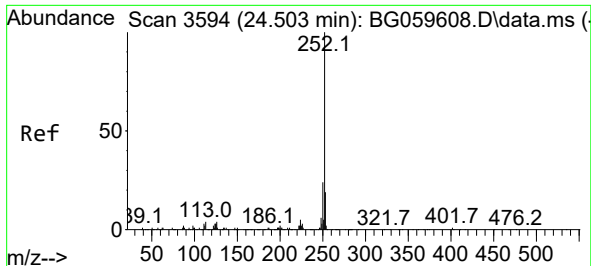
Delta R.T. 0.006 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

Tgt Ion:149 Resp: 1139549

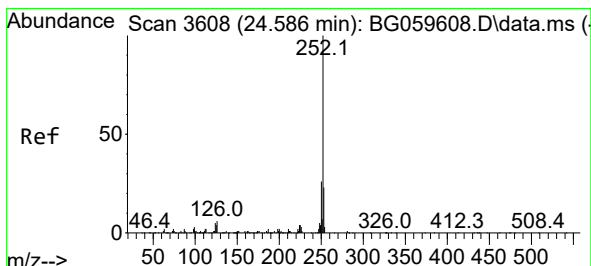
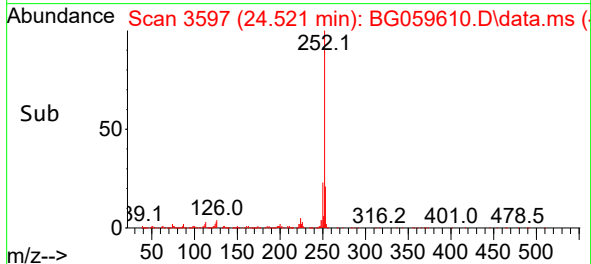
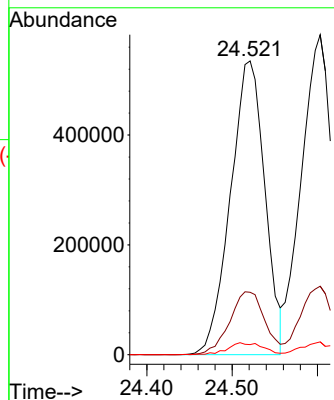
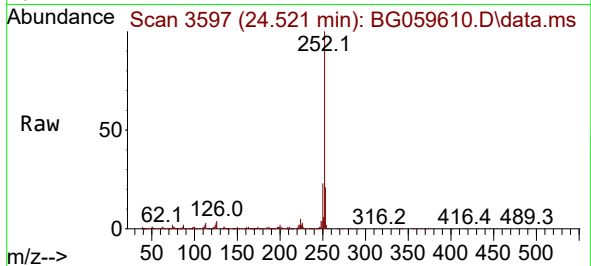




#90
Benzo(b)fluoranthene
Concen: 84.267 ng/ul
RT: 24.521 min Scan# 3597
Delta R.T. 0.018 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

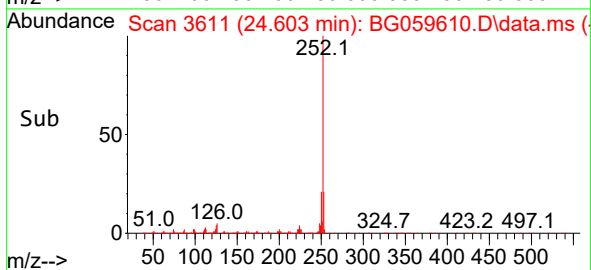
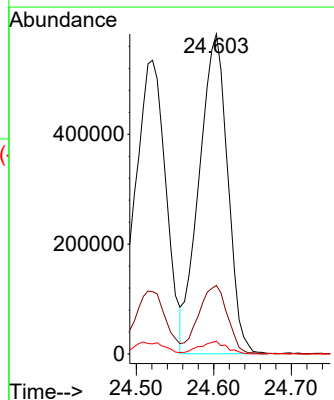
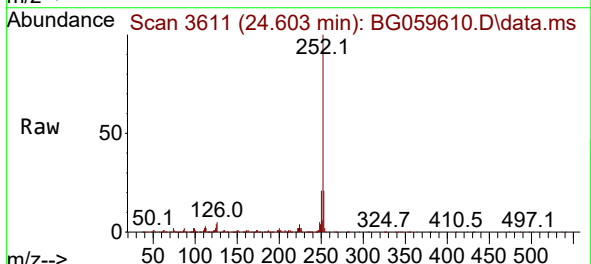
Instrument :
BNA_G
ClientSampleId :
SSTD080445

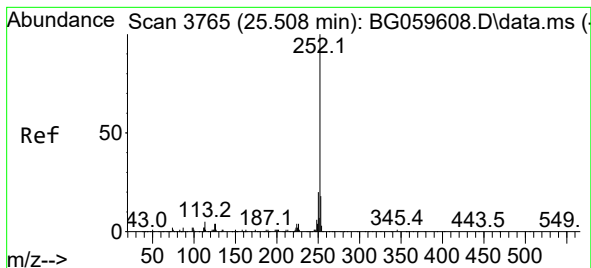
Tgt Ion:252 Resp: 1499574
Ion Ratio Lower Upper
252 100
253 21.3 15.1 22.7
125 3.4 2.4 3.6



#91
Benzo(k)fluoranthene
Concen: 82.821 ng/ul
RT: 24.603 min Scan# 3611
Delta R.T. 0.018 min
Lab File: BG059610.D
Acq: 3 Nov 2023 21:44

Tgt Ion:252 Resp: 1488579
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 4.0 4.1 6.1#





#93

Benzo(a)pyrene

Concen: 78.066 ng/ul

RT: 25.526 min Scan# 31

Delta R.T. 0.018 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

SSTD080445

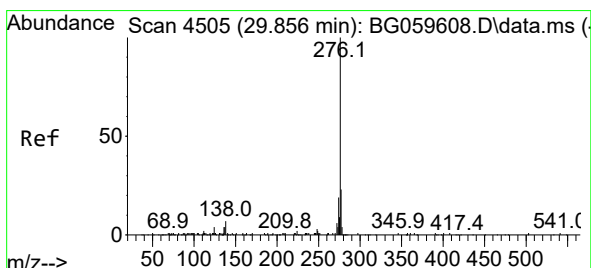
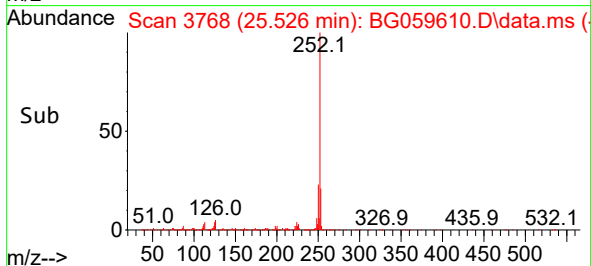
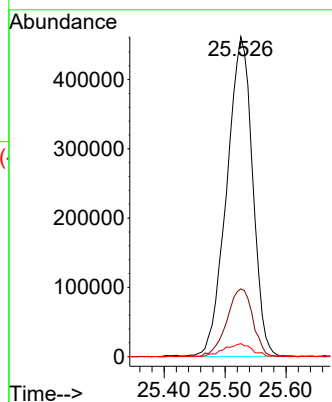
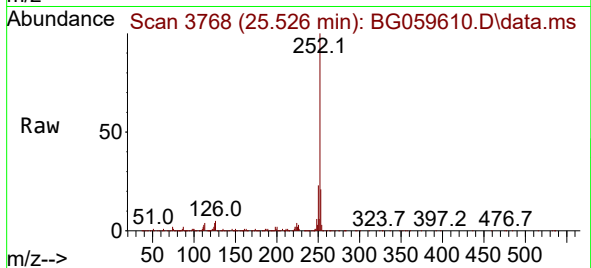
Tgt Ion:252 Resp: 1358980

Ion Ratio Lower Upper

252 100

253 21.2 14.9 22.3

125 4.1 3.8 5.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 69.841 ng/ul

RT: 29.891 min Scan# 4511

Delta R.T. 0.035 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

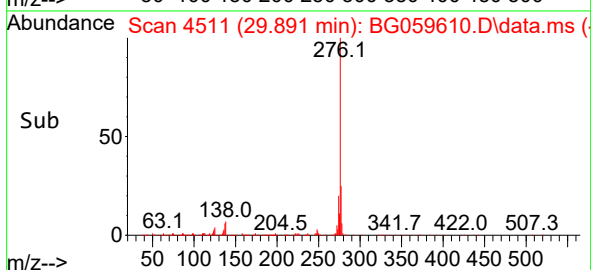
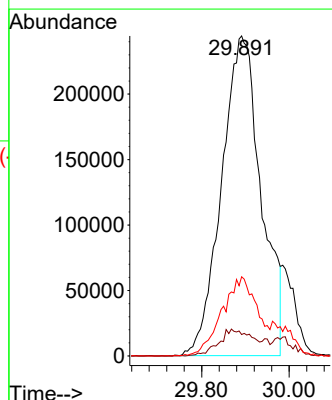
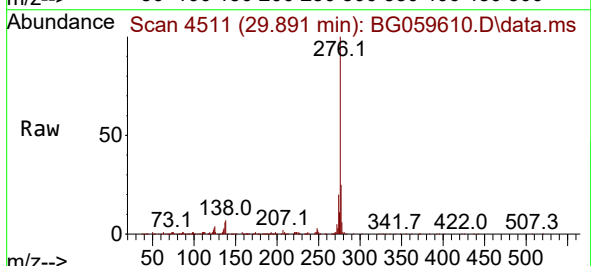
Tgt Ion:276 Resp: 1529806

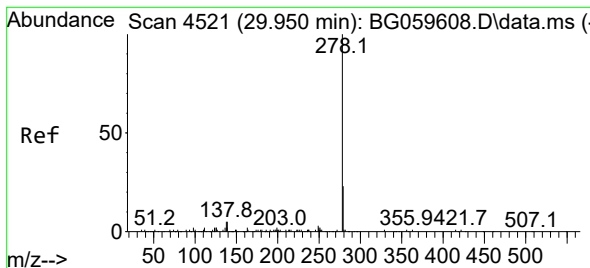
Ion Ratio Lower Upper

276 100

138 6.7 5.4 8.2

277 24.7 18.5 27.7





#95

Dibenzo(a,h)anthracene

Concen: 46.289 ng/ul

RT: 29.973 min Scan# 4

Delta R.T. 0.023 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

SSTD080445

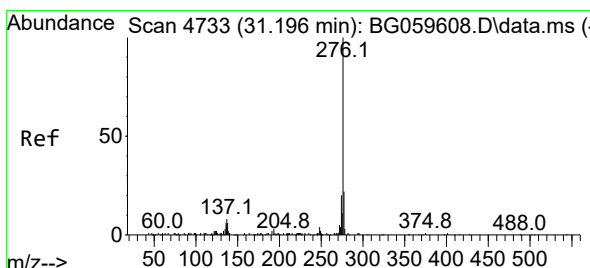
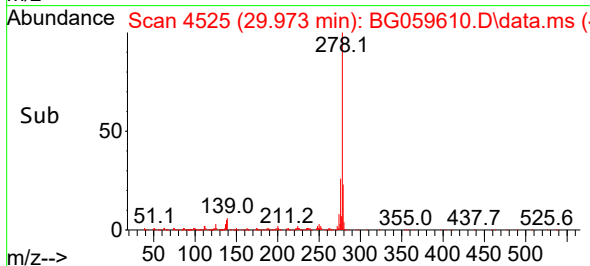
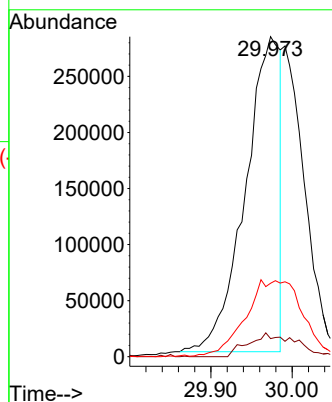
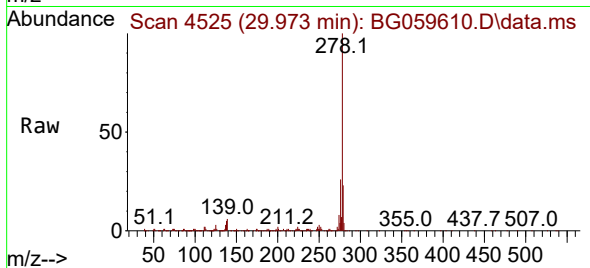
Tgt Ion:278 Resp: 842810

Ion Ratio Lower Upper

278 100

139 5.6 4.3 6.5

279 22.9 17.8 26.8



#96

Benzo(g,h,i)perylene

Concen: 45.144 ng/ul

RT: 31.225 min Scan# 4738

Delta R.T. 0.029 min

Lab File: BG059610.D

Acq: 3 Nov 2023 21:44

Tgt Ion:276 Resp: 811982

Ion Ratio Lower Upper

276 100

138 9.3 4.6 6.8#

277 22.7 17.5 26.3

