

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
 Data File : BG058921.D
 Acq On : 8 Sep 2023 15:29
 Operator : MA/JU
 Sample : SSTD16006
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD160405

Quant Time: Sep 08 23:21:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 08 22:56:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.333	152	61078	20.000	ng/ul	0.00
20) Naphthalene-d8	11.188	136	271732	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.960	164	233908	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.716	188	510637	20.000	ng/ul	0.00
79) Chrysene-d12	22.052	240	493836	20.000	ng/ul	0.02
88) Perylene-d12	25.630	264	555640	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.644	96	79588	62.729	ng/uL	0.00
4) Pyridine-d5	4.079	84	689187	157.627	ng/ul	0.00
7) Phenol-d5	7.457	99	1003342	165.625	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.663	67	536535	156.559	ng/ul	0.00
11) 2-Chlorophenol-d4	7.857	132	612207	169.421	ng/ul	0.00
15) 4-Methylphenol-d8	9.038	113	759671	161.800	ng/ul	0.02
21) Nitrobenzene-d5	9.549	128	321851	201.085	ng/ul	0.02
24) 2-Nitrophenol-d4	10.266	143	361821	206.360	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.788	165	848668	166.834	ng/ul	0.02
31) 4-Chloroaniline-d4	11.335	131	941105	144.225	ng/ul	0.02
46) Dimethylphthalate-d6	14.378	166	2533849	140.331	ng/ul	0.02
49) Acenaphthylene-d8	14.678	160	2867922	146.945	ng/ul	0.02
54) 4-Nitrophenol-d4	15.166	143	346640	145.306	ng/ul	0.04
60) Fluorene-d10	15.959	176	2327103	136.744	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.082	200	414928	178.478	ng/ul	0.03
73) Anthracene-d10	17.716	188	510637	21.981	ng/ul	-0.10
81) Pyrene-d10	20.089	212	3534476	123.411	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.401	264	4303048	157.210	ng/ul	0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.679	88	83476	52.211	ng/uL	90
5) Pyridine	4.096	79	731386	157.005	ng/ul#	81
6) Benzaldehyde	7.486	77	405851	113.658	ng/ul	94
8) Phenol	7.486	94	1013789	160.475	ng/ul#	83
10) Bis(2-Chloroethyl)ether	7.763	93	685058	146.213	ng/ul	96
12) 2-Chlorophenol	7.892	128	592908	162.733	ng/ul	96
13) 2-Methylphenol	8.761	108	748459	158.228	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.850	45	823980	152.806	ng/ul	93
16) Acetophenone	9.202	105	1304068	155.773	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.184	70	720163	164.475	ng/ul#	95
18) 4-Methylphenol	9.108	108	829636	160.290	ng/ul	98
19) Hexachloroethane	9.425	117	252894	170.063	ng/ul	91
22) Nitrobenzene	9.590	77	1048822	191.596	ng/ul	94
23) Isophorone	10.119	82	2062486	151.009	ng/ul	99
25) 2-Nitrophenol	10.295	139	383358	202.698	ng/ul#	72
26) 2,4-Dimethylphenol	10.318	107	936334	159.239	ng/ul	87
27) Bis(2-Chloroethoxy)met...	10.589	93	1064112	150.449	ng/ul#	90
29) 2,4-Dichlorophenol	10.818	162	790330	163.910	ng/ul	93
30) Naphthalene	11.241	128	2152728	146.653	ng/ul#	97
32) 4-Chloroaniline	11.364	127	897635	145.039	ng/ul	98
33) Hexachlorobutadiene	11.470	225	751235	159.088	ng/ul	94
34) Caprolactam	12.316	113	33935	20.754	ng/ul	96
35) 4-Chloro-3-methylphenol	12.440	107	897352	158.398	ng/ul	95
36) 2-Methylnaphthalene	12.821	142	1613532	145.202	ng/ul	98

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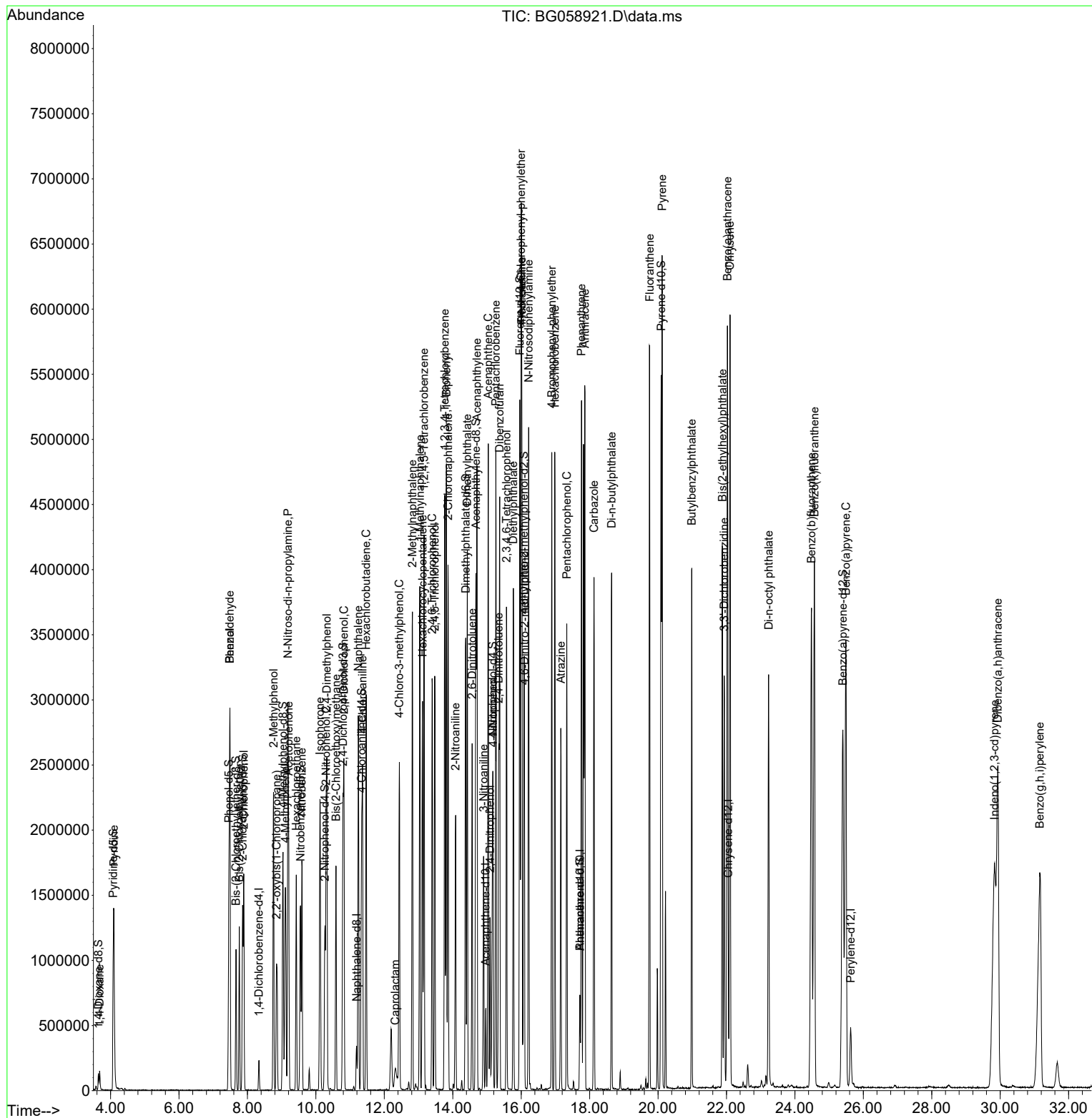
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.039	142	1633999	143.762	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.162	216	1422860	163.025	ng/ul	94
40) Hexachlorocyclopentadiene	13.115	237	1013113	161.285	ng/ul	95
41) 2,4,6-Trichlorophenol	13.397	196	856556	168.885	ng/ul	98
42) 2,4,5-Trichlorophenol	13.474	196	916756	168.297	ng/ul	98
43) 1,1'-Biphenyl	13.814	154	2388824	150.093	ng/ul#	96
44) 2-Chloronaphthalene	13.861	162	1931234	152.146	ng/ul	95
45) 2-Nitroaniline	14.085	65	615496	219.302	ng/ul	97
47) Dimethylphthalate	14.425	163	2509208	136.679	ng/ul	97
48) 2,6-Dinitrotoluene	14.566	165	500323	192.014	ng/ul	89
50) Acenaphthylene	14.707	152	3036490	139.420	ng/ul#	93
51) 3-Nitroaniline	14.901	138	398244	151.673	ng/ul	93
52) Acenaphthene	15.036	153	2061470	145.375	ng/ul	95
53) 2,4-Dinitrophenol	15.089	184	334889	151.931	ng/ul#	85
55) 4-Nitrophenol	15.177	109	479111	160.574	ng/ul#	85
56) Dibenzofuran	15.371	168	2843167	134.311	ng/ul	94
57) 2,4-Dinitrotoluene	15.342	165	640883	170.500	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.571	232	906794	157.831	ng/ul#	96
59) Diethylphthalate	15.771	149	2092382	126.814	ng/ul	99
61) Fluorene	16.018	166	2367527	131.736	ng/ul	96
62) 4-Chlorophenyl-phenyle...	16.000	204	1573159	145.916	ng/ul	93
63) 4-Nitroaniline	16.018	138	36873	14.823	ng/ul#	5
66) 4,6-Dinitro-2-methylph...	16.094	198	439472	180.062	ng/ul#	90
67) N-Nitrosodiphenylamine	16.217	169	2043649	162.738	ng/ul	100
68) 4-Bromophenyl-phenylether	16.893	248	1095552	176.684	ng/ul#	91
69) Hexachlorobenzene	16.981	284	1181267	165.092	ng/ul	94
70) Atrazine	17.157	200	669627	132.816	ng/ul	99
71) Pentachlorophenol	17.334	266	718685	163.542	ng/ul	93
72) Phenanthrene	17.763	178	3491314	140.858	ng/ul	95
74) Anthracene	17.863	178	3470173	137.107	ng/ul#	92
75) 1,2,3,4-Tetrachloroben...	13.767	216	1524673	205.620	ng/uL	96
76) Pentachlorobenzene	15.260	250	1428745	191.186	ng/uL	97
77) Carbazole	18.127	167	2684432	139.736	ng/ul	99
78) Di-n-butylphthalate	18.644	149	2651582	153.539	ng/ul#	95
80) Fluoranthene	19.754	202	3977005	114.258	ng/ul	100
82) Pyrene	20.119	202	3986606	114.345	ng/ul	98
83) Butylbenzylphthalate	20.982	149	1124869	186.077	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.934	252	1405230	130.274	ng/ul	99
85) Benzo(a)anthracene	22.028	228	4729416	140.664	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.881	149	1672965	177.405	ng/ul	100
87) Chrysene	22.105	228	4384358	139.204	ng/ul	92
89) Di-n-octyl phthalate	23.233	149	2919385	168.241	ng/ul	100
90) Benzo(b)fluoranthene	24.484	252	5007437	149.647	ng/ul#	98
91) Benzo(k)fluoranthene	24.572	252	4957237	147.235	ng/ul	96
93) Benzo(a)pyrene	25.489	252	4743399	151.501	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	29.831	276	5372578	137.585	ng/ul	97
95) Dibenzo(a,h)anthracene	29.931	278	4941292	155.674	ng/ul	99
96) Benzo(g,h,i)perylene	31.159	276	4796802	154.523	ng/ul#	96

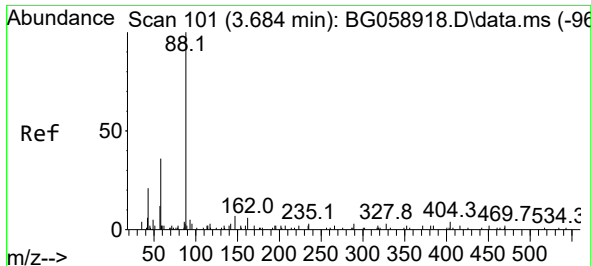
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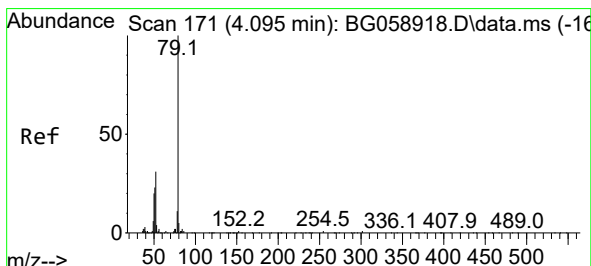
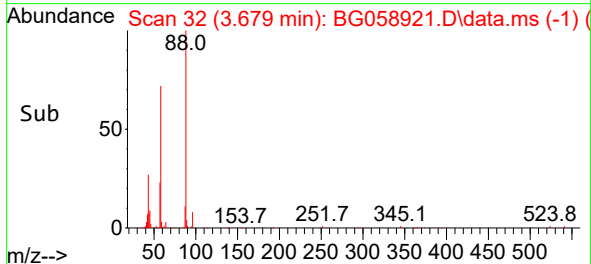
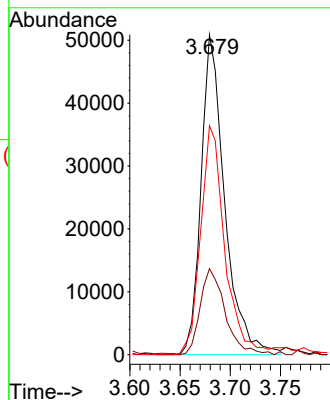
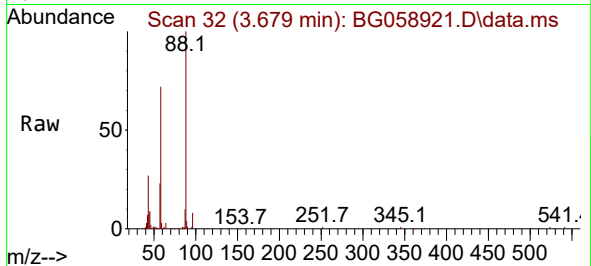




#2
1,4-Dioxane
Concen: 52.211 ng/uL
RT: 3.679 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG058921.D
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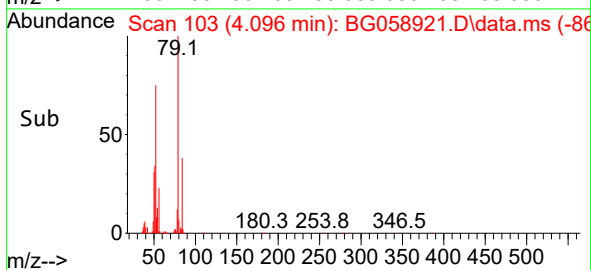
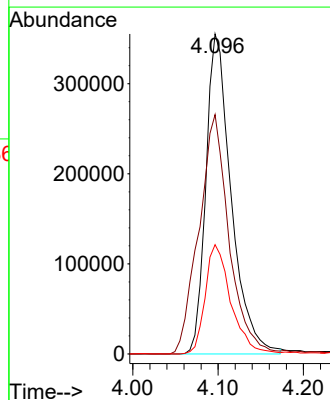
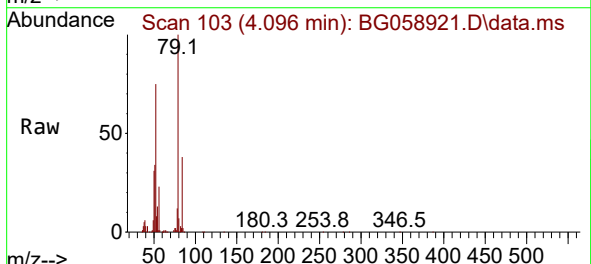
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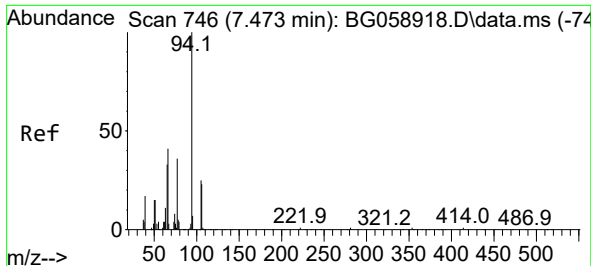
Tgt Ion: 88 Resp: 83476
Ion Ratio Lower Upper
88 100
43 26.9 19.8 29.8
58 71.6 49.9 74.9



#5
Pyridine
Concen: 157.005 ng/uL
RT: 4.096 min Scan# 103
Delta R.T. -0.003 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion: 79 Resp: 731386
Ion Ratio Lower Upper
79 100
52 74.8 45.7 68.5#
51 34.2 23.8 35.6

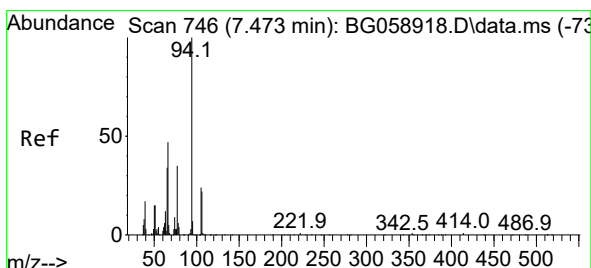
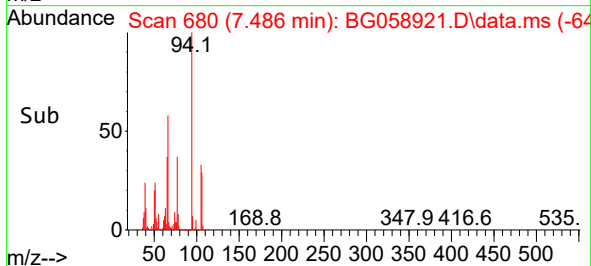
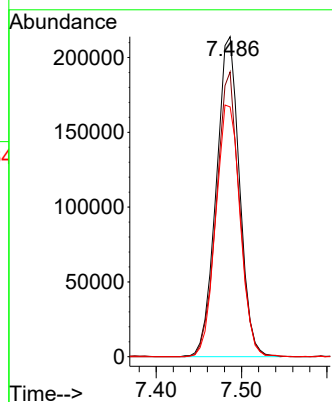
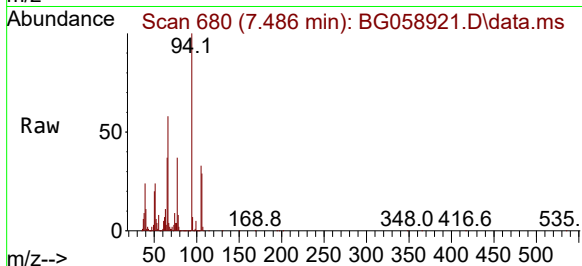




#6
Benzaldehyde
Concen: 113.658 ng/ul
RT: 7.486 min Scan# 680
Delta R.T. 0.009 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

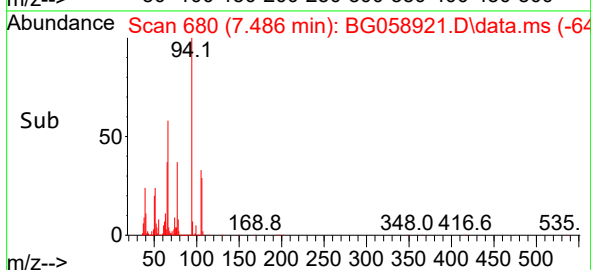
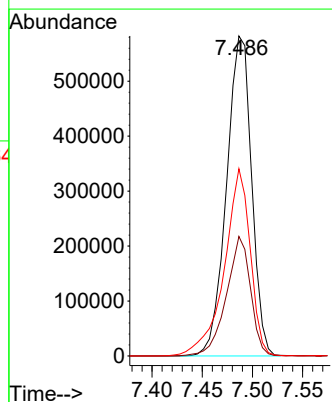
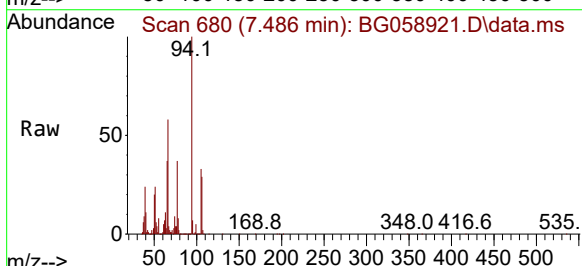
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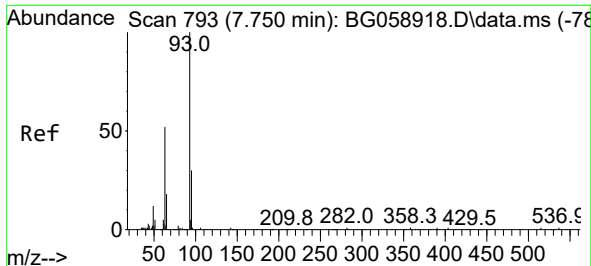
Tgt Ion: 77 Resp: 405851
Ion Ratio Lower Upper
77 100
105 89.0 74.3 111.5
106 78.0 67.7 101.5



#8
Phenol
Concen: 160.475 ng/ul
RT: 7.486 min Scan# 680
Delta R.T. 0.015 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion: 94 Resp: 1013789
Ion Ratio Lower Upper
94 100
65 37.4 22.4 33.6#
66 58.5 38.0 57.0#

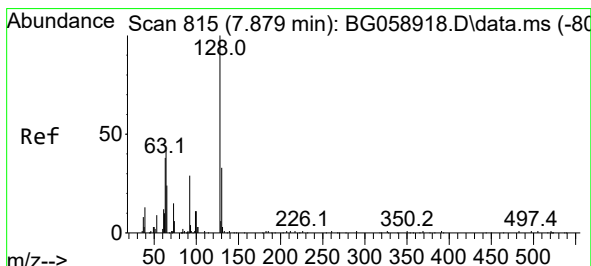
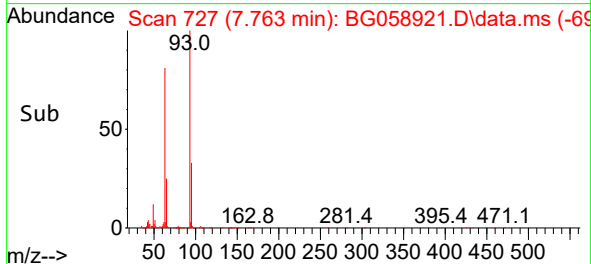
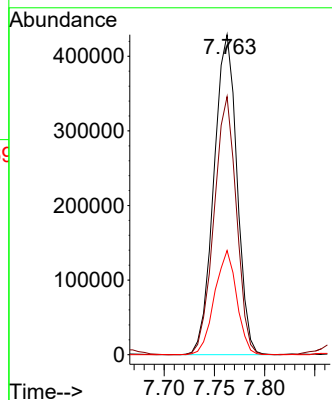
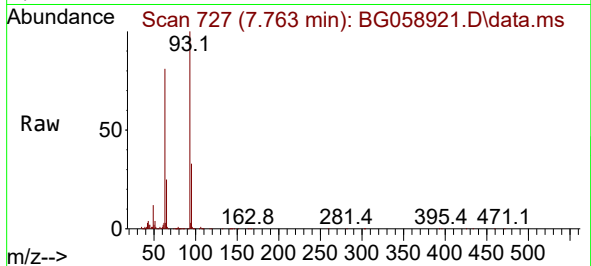




#10
Bis(2-Chloroethyl)ether
Concen: 146.213 ng/ul
RT: 7.763 min Scan# 710
Delta R.T. 0.015 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

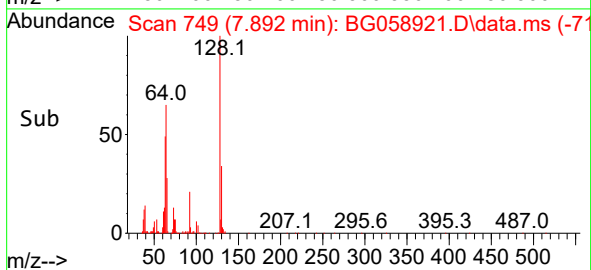
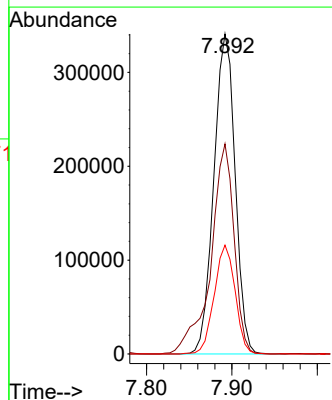
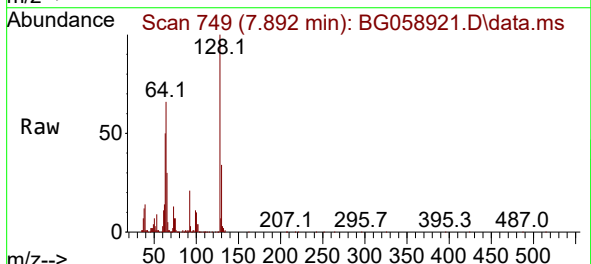
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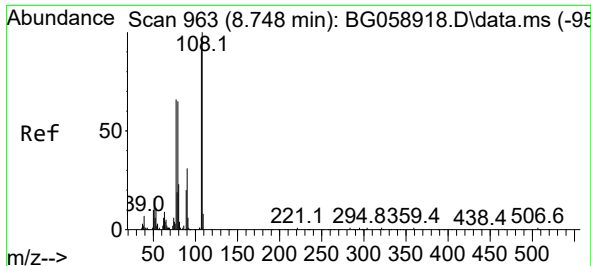
Tgt Ion: 93 Resp: 685058
Ion Ratio Lower Upper
93 100
63 80.6 61.8 92.6
95 32.6 23.9 35.9



#12
2-Chlorophenol
Concen: 162.733 ng/ul
RT: 7.892 min Scan# 749
Delta R.T. 0.009 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion:128 Resp: 592908
Ion Ratio Lower Upper
128 100
64 65.6 50.0 75.0
130 34.0 29.4 44.2

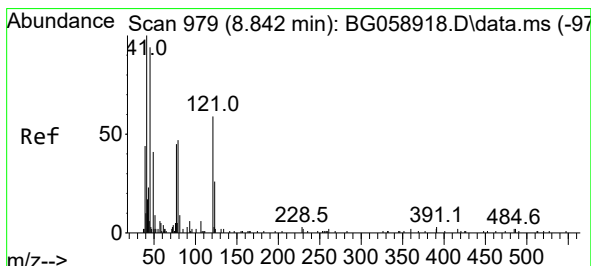
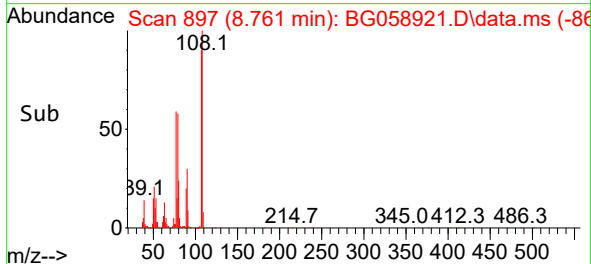
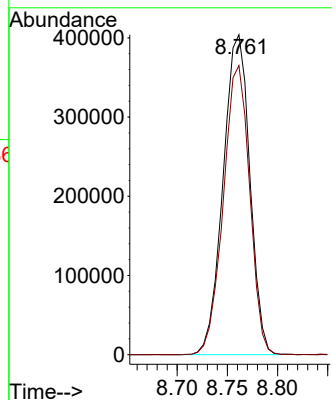
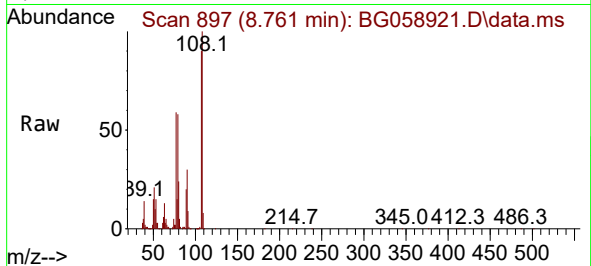




#13
2-Methylphenol
Concen: 158.228 ng/ul
RT: 8.761 min Scan# 897
Delta R.T. 0.015 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

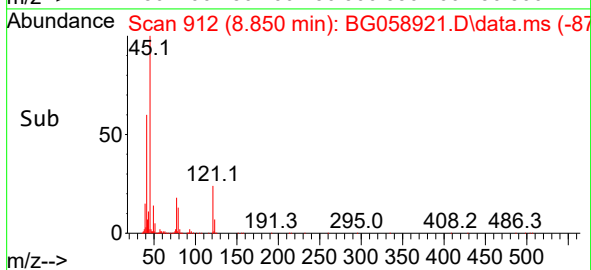
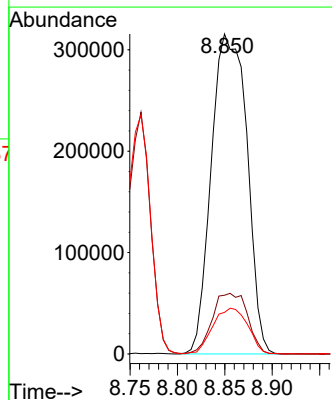
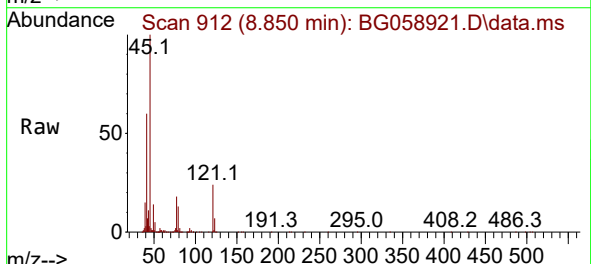
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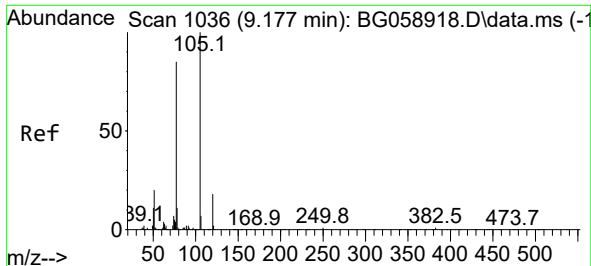
Tgt Ion:108 Resp: 748459
Ion Ratio Lower Upper
108 100
107 90.4 68.7 103.1



#14
2,2'-oxybis(1-Chloropropane)
Concen: 152.806 ng/ul
RT: 8.850 min Scan# 912
Delta R.T. 0.009 min
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Tgt Ion: 45 Resp: 823980
Ion Ratio Lower Upper
45 100
77 18.3 17.8 26.8
79 13.0 11.9 17.9

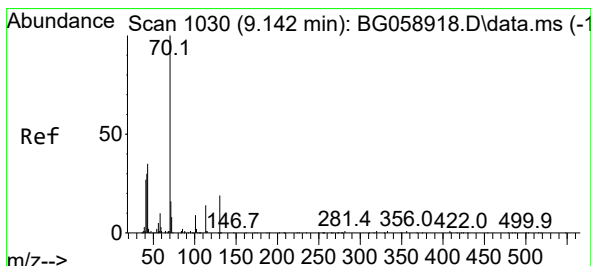
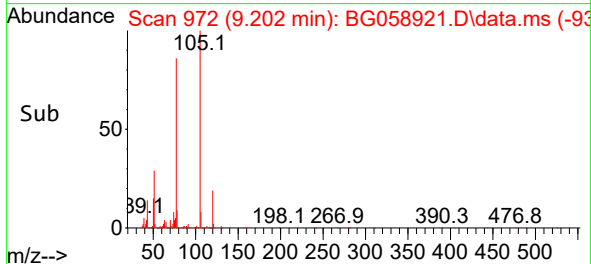
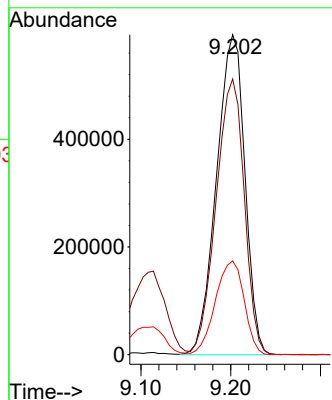
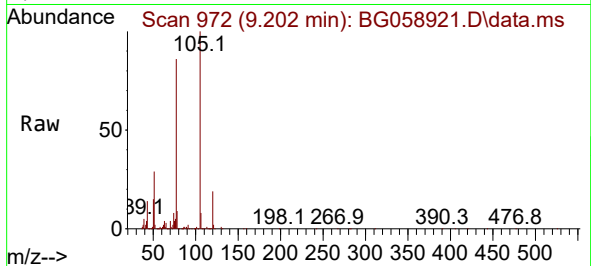




#16
Acetophenone
Concen: 155.773 ng/ul
RT: 9.202 min Scan# 91
Delta R.T. 0.027 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

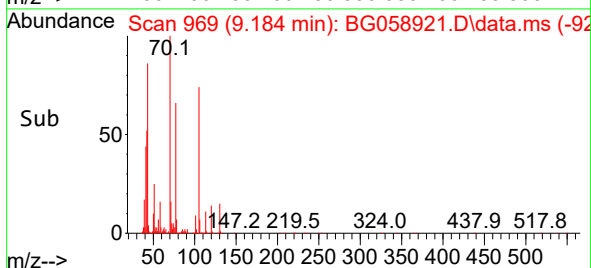
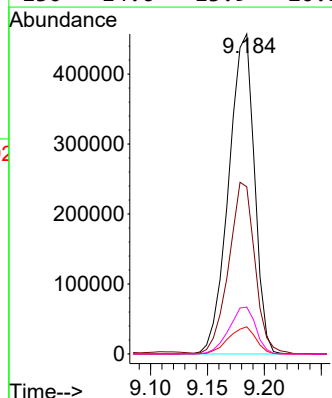
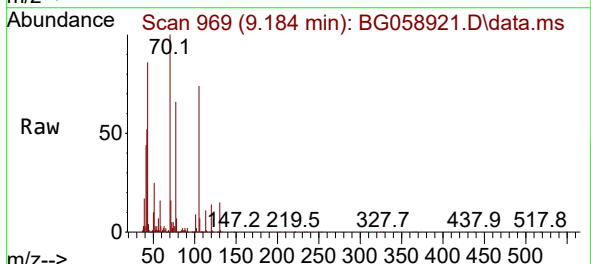
Instrument :
BNA_G
ClientSampleId :
SSTD160405

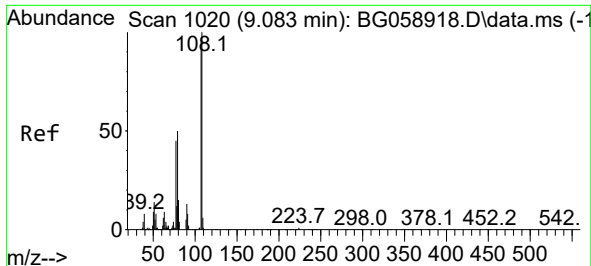
Tgt Ion:105 Resp: 1304068
Ion Ratio Lower Upper
105 100
77 86.1 66.0 99.0
51 29.3 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 164.475 ng/ul
RT: 9.184 min Scan# 969
Delta R.T. 0.039 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion: 70 Resp: 720163
Ion Ratio Lower Upper
70 100
42 52.3 39.4 59.0
101 8.5 8.6 12.8#
130 14.6 13.9 20.9

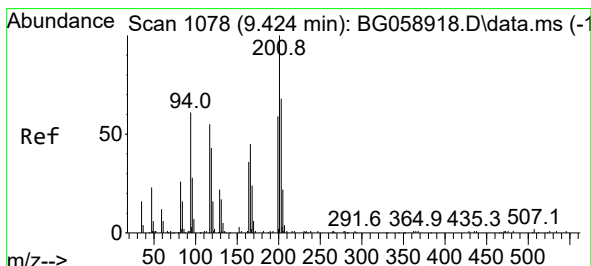
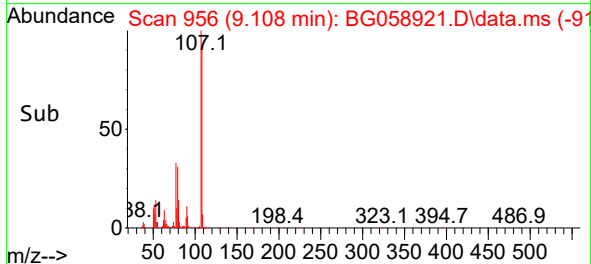
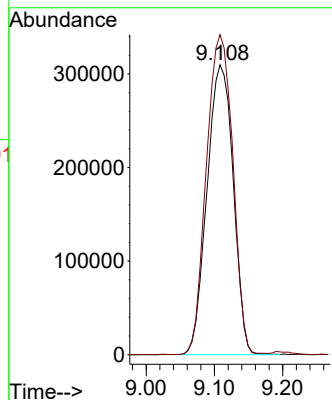
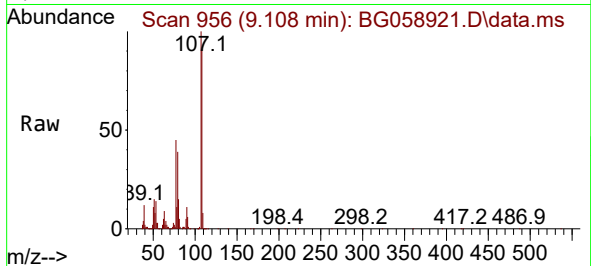




#18
4-Methylphenol
Concen: 160.290 ng/ul
RT: 9.108 min Scan# 91
Delta R.T. 0.033 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

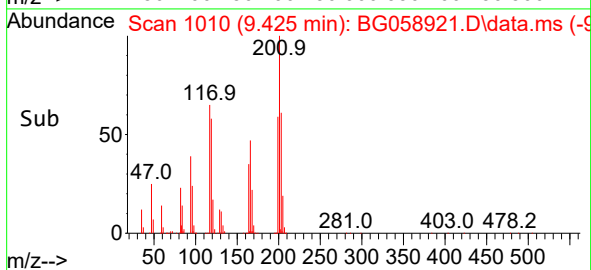
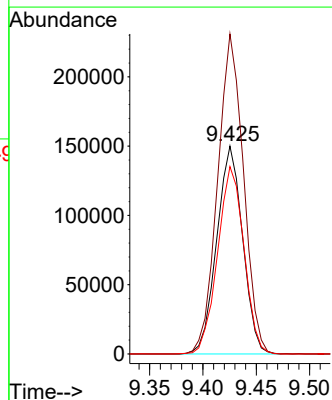
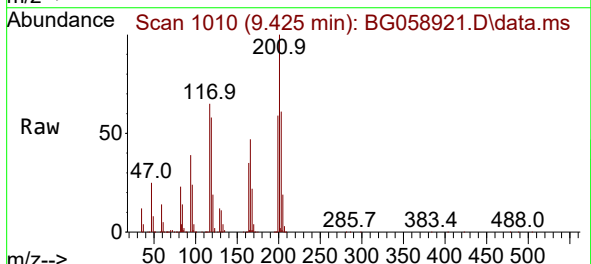
Instrument :
BNA_G
ClientSampleId :
SSTD160405

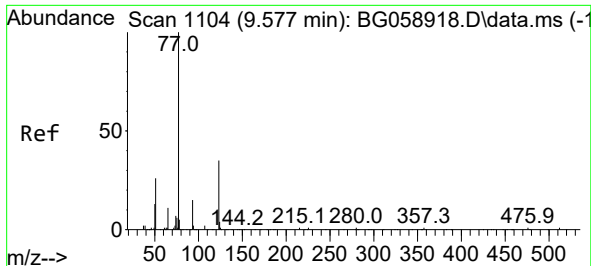
Tgt Ion:108 Resp: 829636
Ion Ratio Lower Upper
108 100
107 110.4 86.8 130.2



#19
Hexachloroethane
Concen: 170.063 ng/ul
RT: 9.425 min Scan# 1010
Delta R.T. 0.003 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion:117 Resp: 252894
Ion Ratio Lower Upper
117 100
201 154.0 116.2 174.4
199 90.2 82.2 123.2



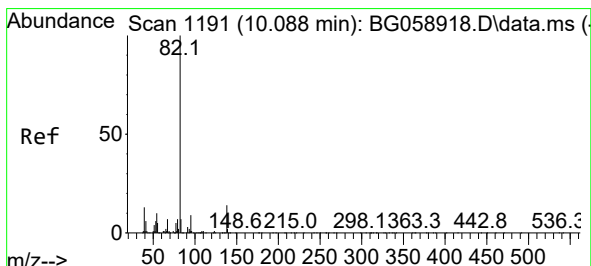
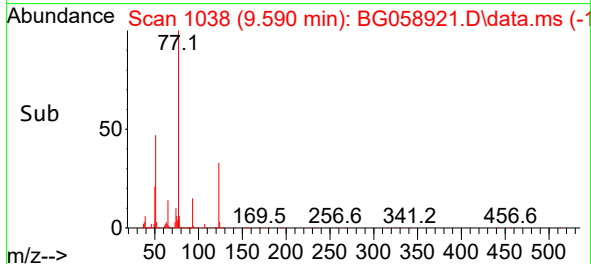
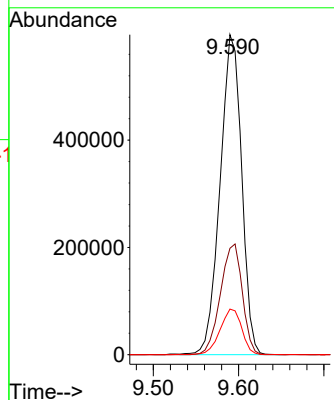
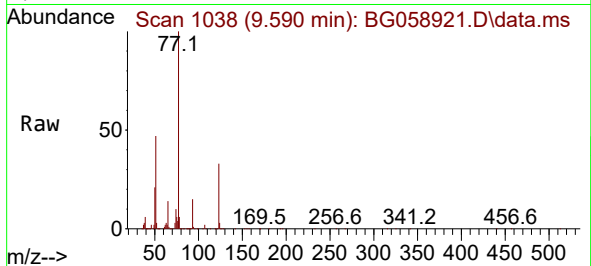


#22
Nitrobenzene
Concen: 191.596 ng/ul
RT: 9.590 min Scan# 1038
Delta R.T. 0.015 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Instrument :
BNA_G
ClientSampleId :
SSTD160405

Tgt Ion: 77 Resp: 1048822

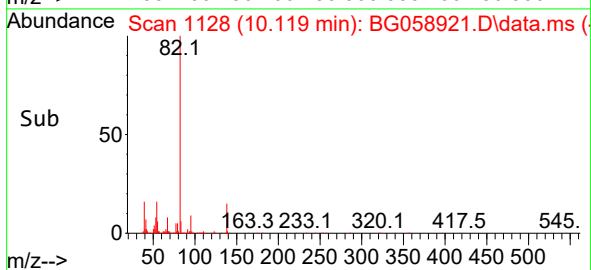
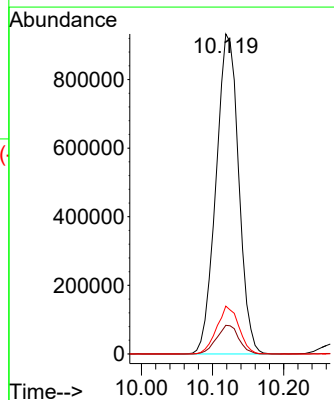
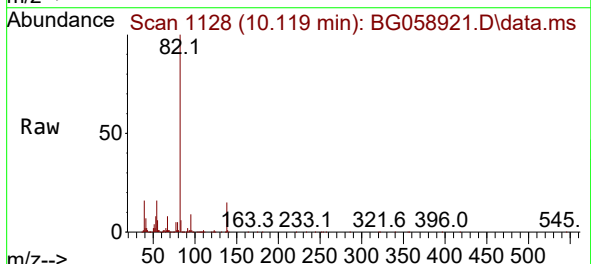
Ion	Ratio	Lower	Upper
77	100		
123	33.3	29.4	44.2
65	14.3	10.0	15.0

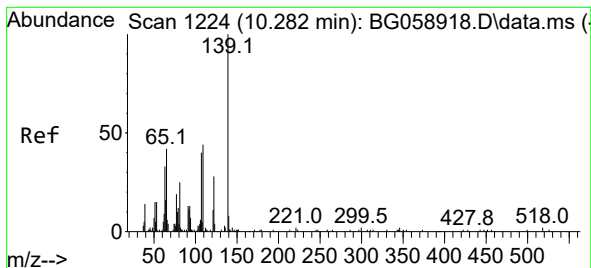


#23
Isophorone
Concen: 151.009 ng/ul
RT: 10.119 min Scan# 1128
Delta R.T. 0.039 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion: 82 Resp: 2062486

Ion	Ratio	Lower	Upper
82	100		
95	8.9	6.6	10.0
138	15.0	12.3	18.5

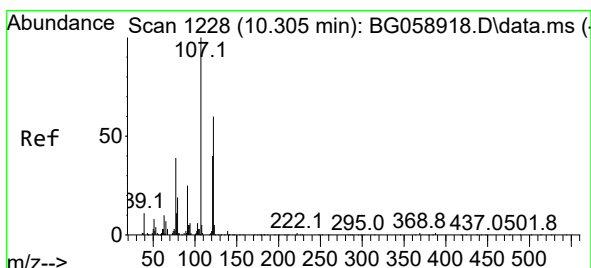
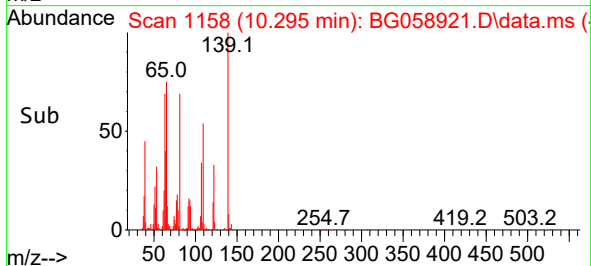
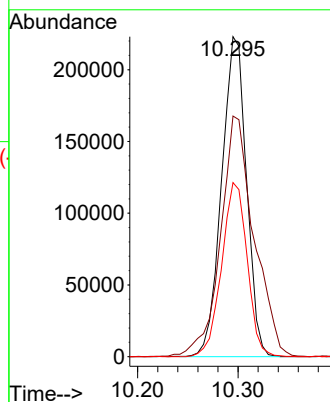
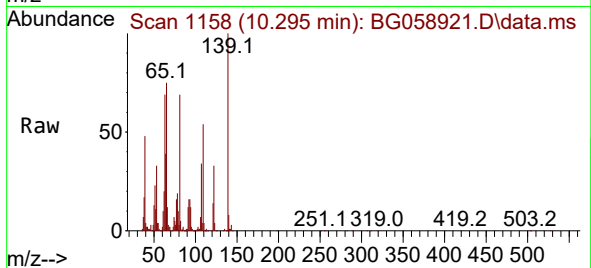




#25
2-Nitrophenol
Concen: 202.698 ng/ul
RT: 10.295 min Scan# 1158
Delta R.T. 0.009 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

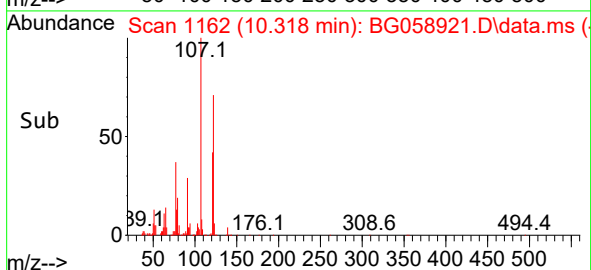
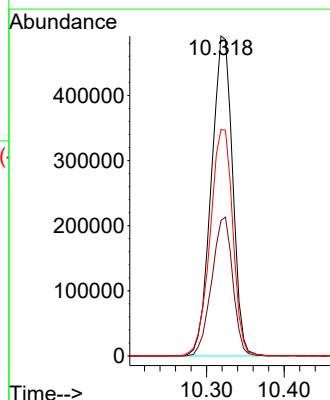
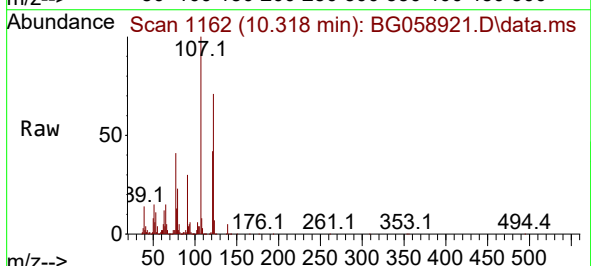
Instrument :
BNA_G
ClientSampleId :
SSTD160405

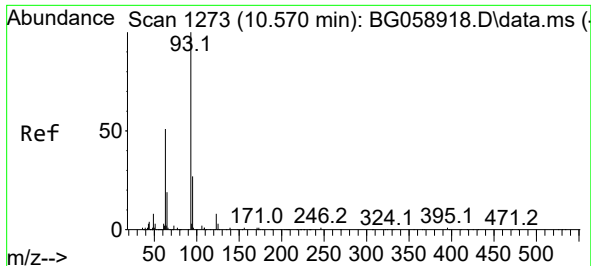
Tgt Ion:139 Resp: 383358
Ion Ratio Lower Upper
139 100
65 75.2 47.8 71.8#
109 54.4 25.0 37.6#



#26
2,4-Dimethylphenol
Concen: 159.239 ng/ul
RT: 10.318 min Scan# 1162
Delta R.T. 0.015 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion:107 Resp: 936334
Ion Ratio Lower Upper
107 100
121 42.3 39.4 59.2
122 70.7 67.3 100.9

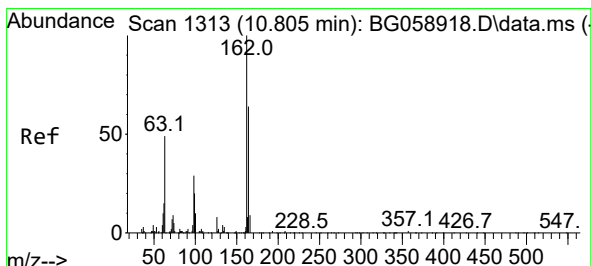
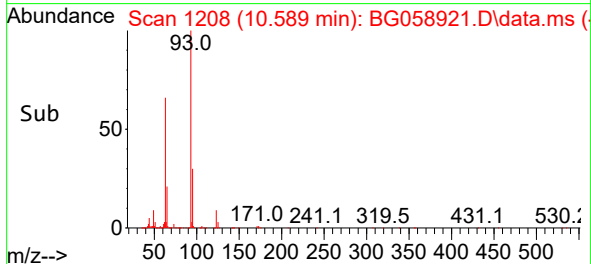
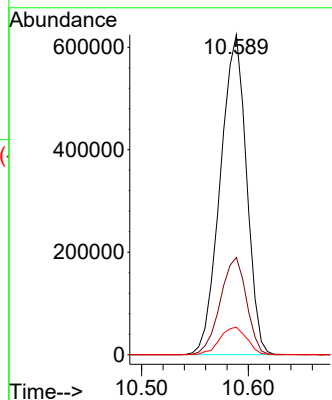
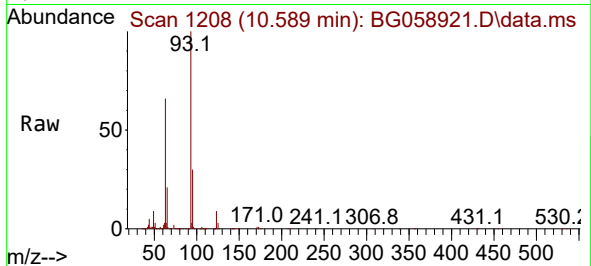




#27
 Bis(2-Chloroethoxy)methane
 Concen: 150.449 ng/ul
 RT: 10.589 min Scan# 11
 Delta R.T. 0.021 min
 Lab File: BG058921.D
 Acq: 8 Sep 2023 15:29

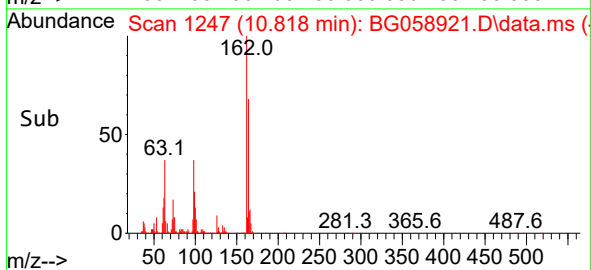
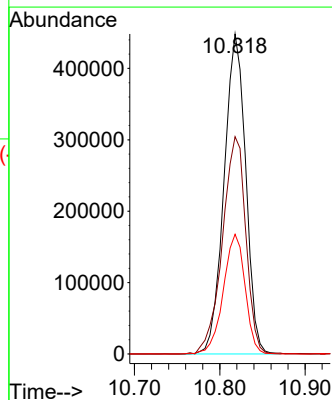
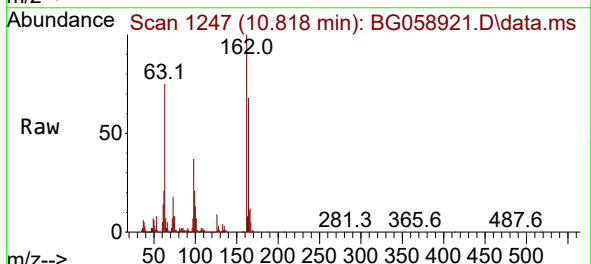
Instrument :
 BNA_G
 ClientSampleId :
 SSTD160405

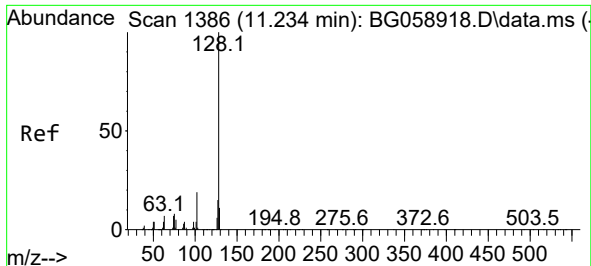
Tgt Ion: 93 Resp: 1064112
 Ion Ratio Lower Upper
 93 100
 95 30.4 29.8 44.6
 123 8.6 9.1 13.7#



#29
 2,4-Dichlorophenol
 Concen: 163.910 ng/ul
 RT: 10.818 min Scan# 1247
 Delta R.T. 0.015 min
 Lab File: BG058921.D
 Acq: 8 Sep 2023 15:29

Tgt Ion:162 Resp: 790330
 Ion Ratio Lower Upper
 162 100
 164 67.9 50.0 75.0
 98 37.4 26.3 39.5

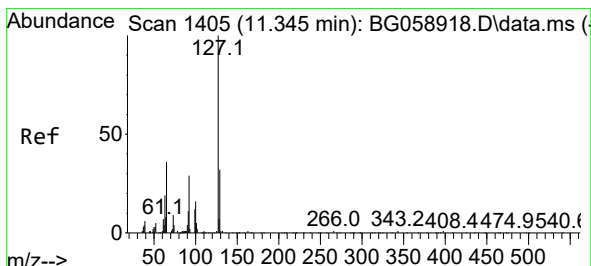
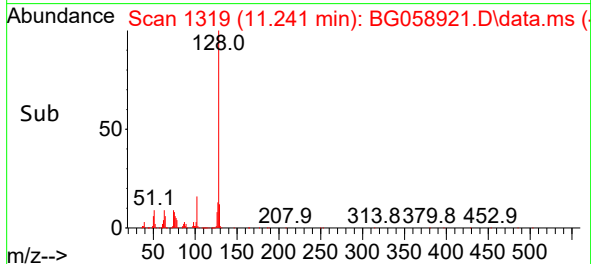
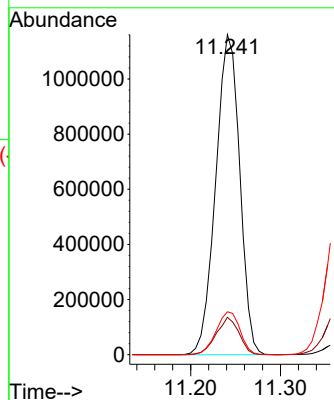
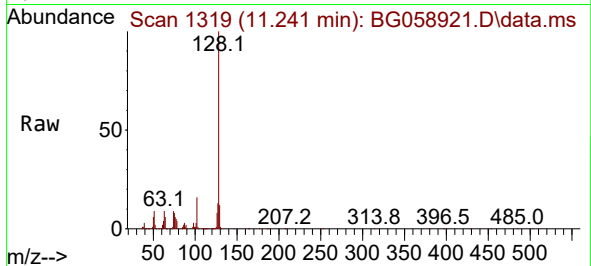




#30
Naphthalene
Concen: 146.653 ng/ul
RT: 11.241 min Scan# 11
Delta R.T. 0.009 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

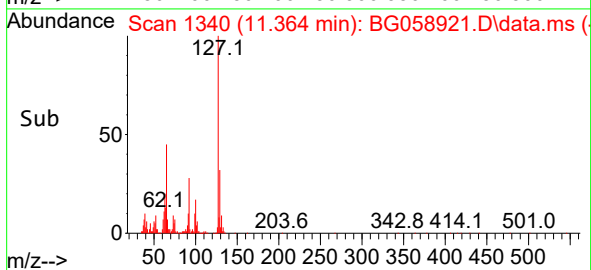
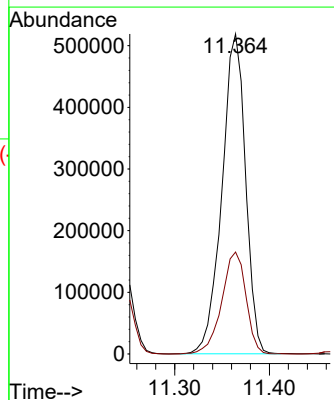
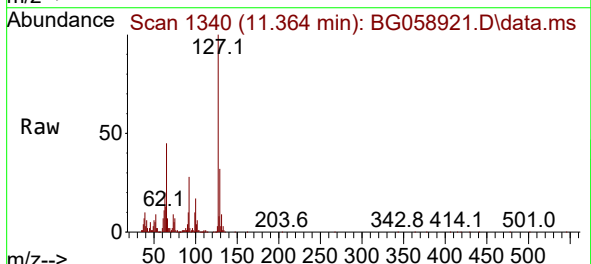
Instrument :
BNA_G
ClientSampleId :
SSTD160405

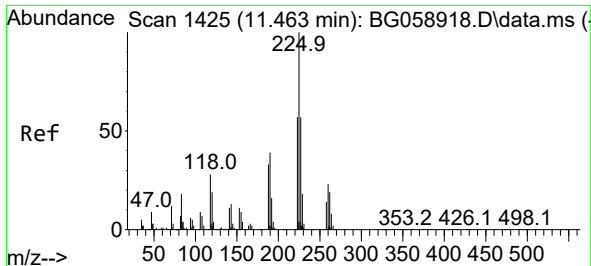
Tgt Ion:128 Resp: 2152728
Ion Ratio Lower Upper
128 100
129 11.7 7.7 11.5#
127 13.4 10.2 15.2



#32
4-Chloroaniline
Concen: 145.039 ng/ul
RT: 11.364 min Scan# 1340
Delta R.T. 0.021 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion:127 Resp: 897635
Ion Ratio Lower Upper
127 100
129 31.9 24.6 36.8

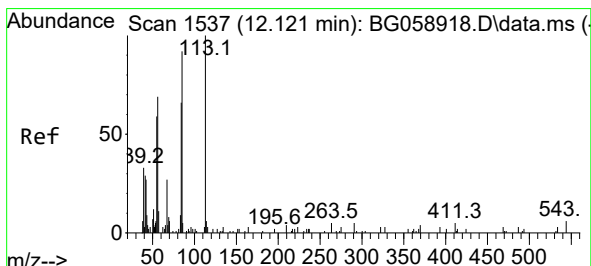
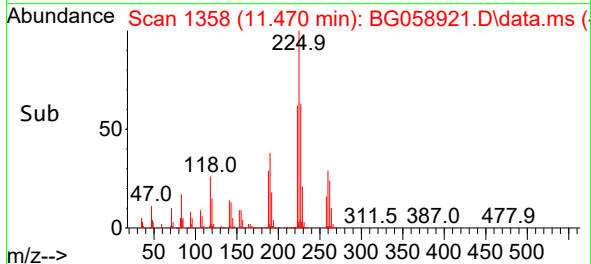
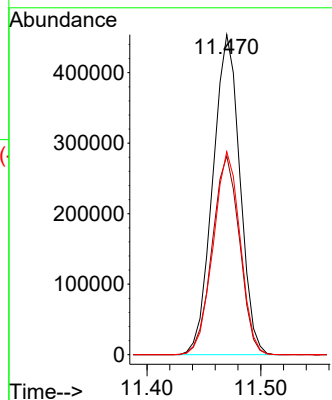
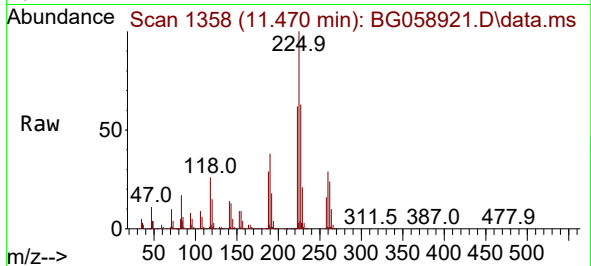




#33
Hexachlorobutadiene
Concen: 159.088 ng/ul
RT: 11.470 min Scan# 11
Delta R.T. 0.009 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

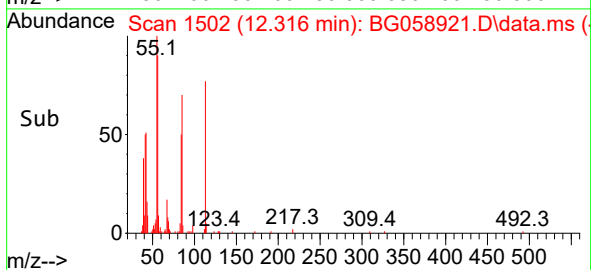
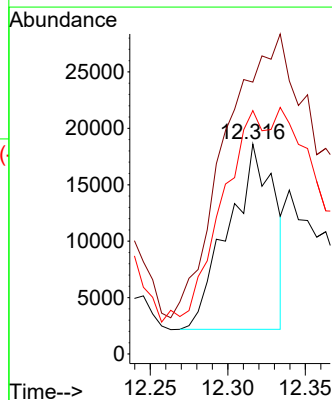
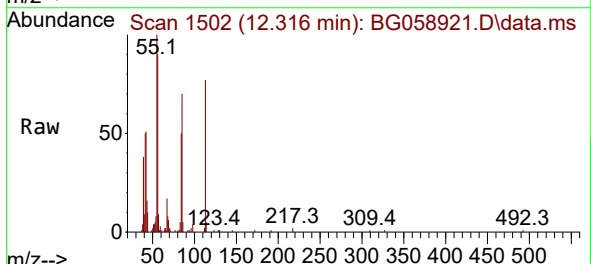
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ClientSampleId :
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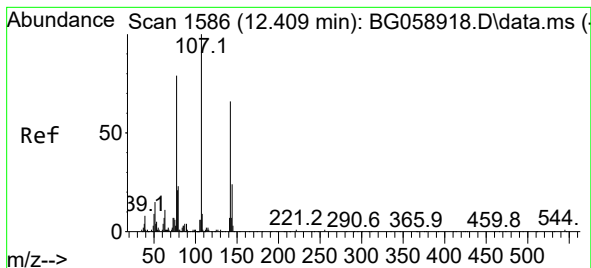
Tgt Ion:225 Resp: 751235
Ion Ratio Lower Upper
225 100
223 62.1 44.1 66.1
227 63.5 49.0 73.4



#34
Caprolactam
Concen: 20.754 ng/ul
RT: 12.316 min Scan# 1502
Delta R.T. 0.203 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion:113 Resp: 33935
Ion Ratio Lower Upper
113 100
55 129.4 104.6 156.8
56 115.9 98.8 148.2

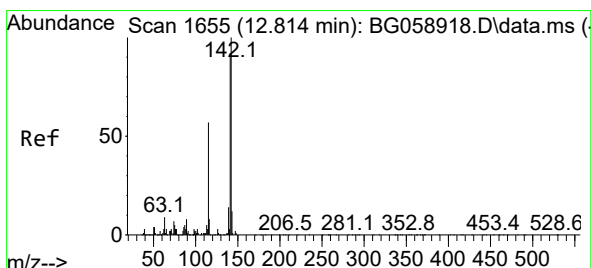
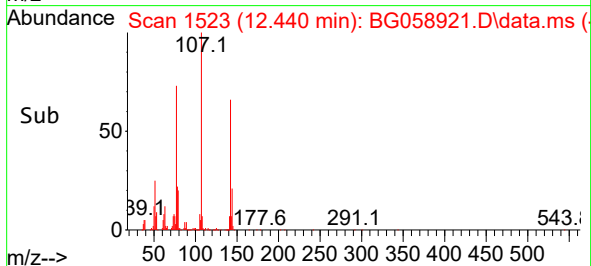
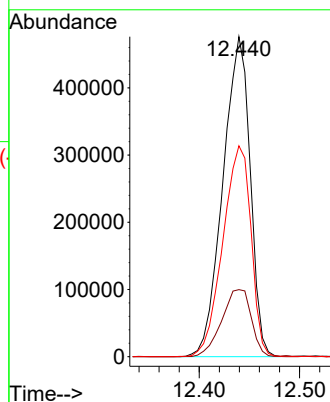
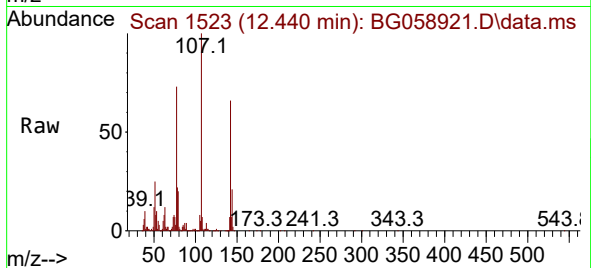




#35
4-Chloro-3-methylphenol
Concen: 158.398 ng/ul
RT: 12.440 min Scan# 11
Delta R.T. 0.033 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

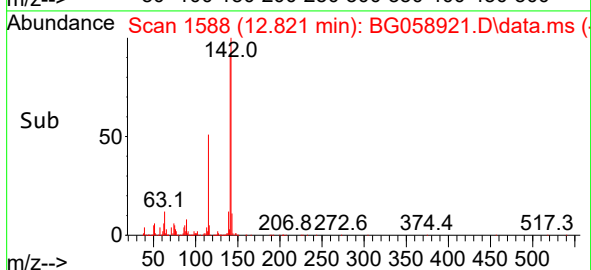
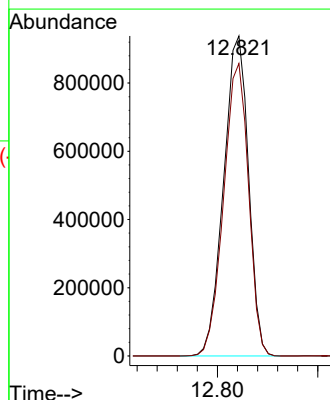
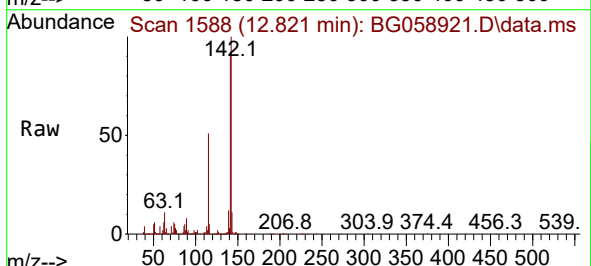
Instrument :
BNA_G
ClientSampleId :
SSTD160405

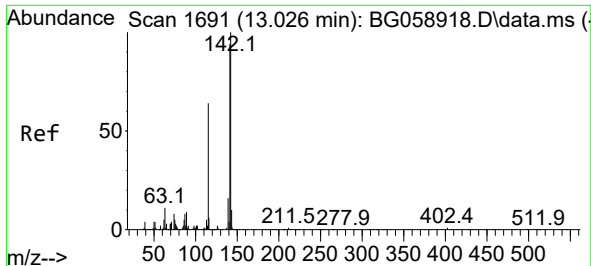
Tgt Ion:107 Resp: 897352
Ion Ratio Lower Upper
107 100
144 21.0 17.3 25.9
142 65.9 56.9 85.3



#36
2-Methylnaphthalene
Concen: 145.202 ng/ul
RT: 12.821 min Scan# 1588
Delta R.T. 0.009 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion:142 Resp: 1613532
Ion Ratio Lower Upper
142 100
141 91.4 71.4 107.0

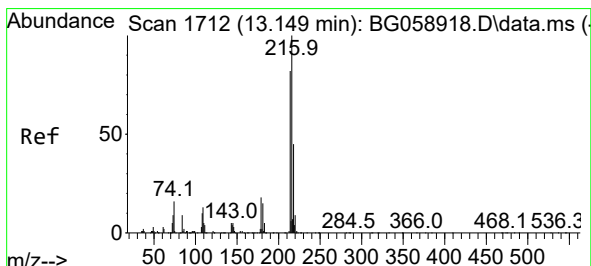
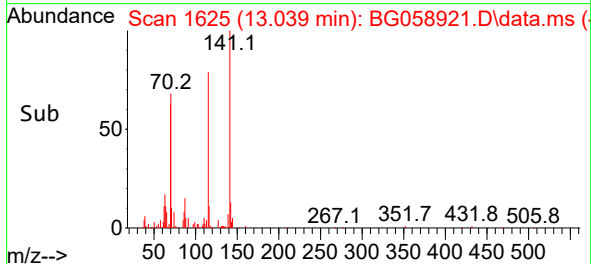
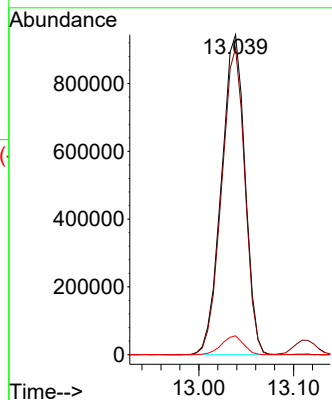
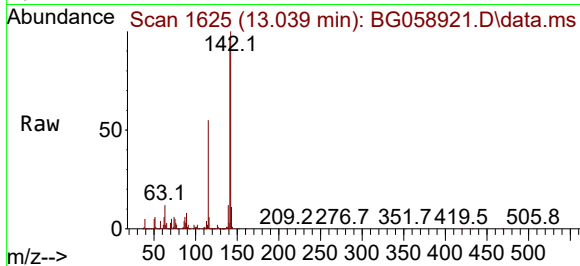




#37
1-Methylnaphthalene
Concen: 143.762 ng/ul
RT: 13.039 min Scan# 1
Delta R.T. 0.015 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

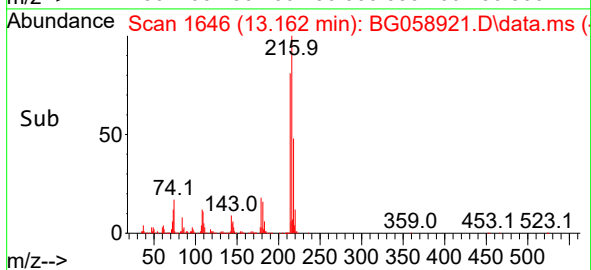
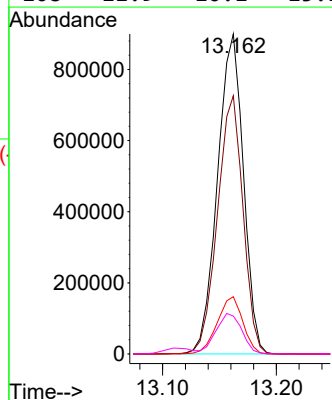
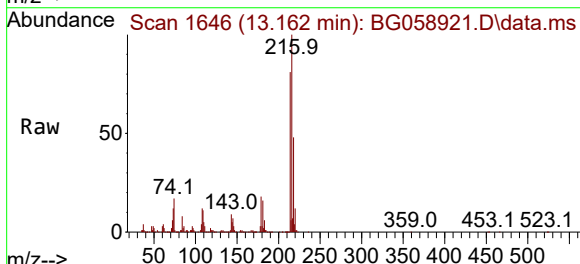
Instrument :
BNA_G
ClientSampleId :
SSTD160405

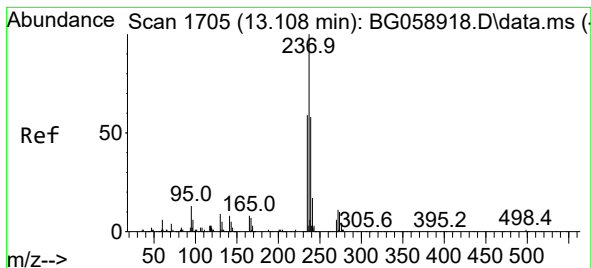
Tgt Ion:142 Resp: 1633999
Ion Ratio Lower Upper
142 100
141 95.8 78.0 117.0
116 5.9 4.6 7.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 163.025 ng/ul
RT: 13.162 min Scan# 1646
Delta R.T. 0.015 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion:216 Resp: 1422860
Ion Ratio Lower Upper
216 100
214 80.7 58.9 88.3
179 17.9 14.4 21.6
108 11.9 10.1 15.1





#40

Hexachlorocyclopentadiene

Concen: 161.285 ng/ul

RT: 13.115 min Scan# 1

Delta R.T. 0.009 min

Lab File: BG058921.D

Acq: 8 Sep 2023 15:29

Instrument :

BNA_G

ClientSampleId :

SSTD160405

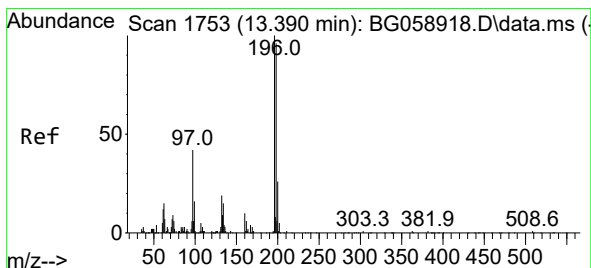
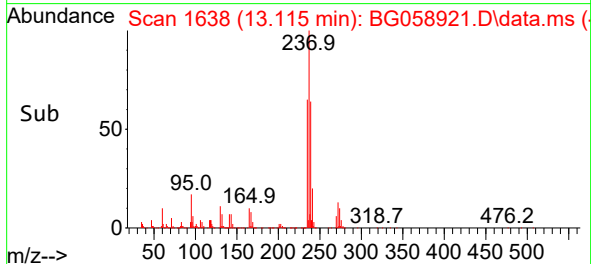
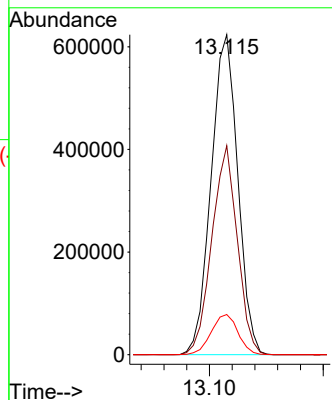
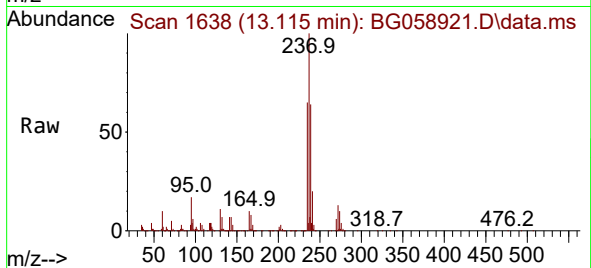
Tgt Ion:237 Resp: 1013113

Ion Ratio Lower Upper

237 100

235 65.3 49.0 73.6

272 12.5 10.6 16.0



#41

2,4,6-Trichlorophenol

Concen: 168.885 ng/ul

RT: 13.397 min Scan# 1686

Delta R.T. 0.009 min

Lab File: BG058921.D

Acq: 8 Sep 2023 15:29

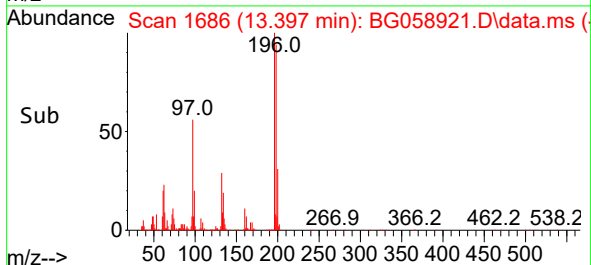
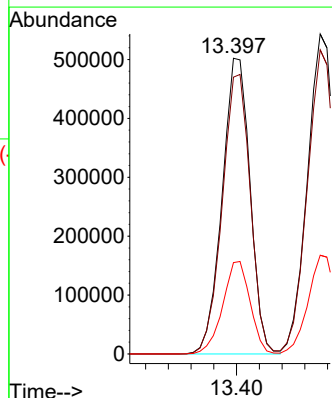
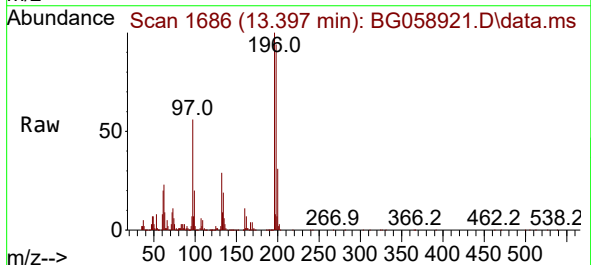
Tgt Ion:196 Resp: 856556

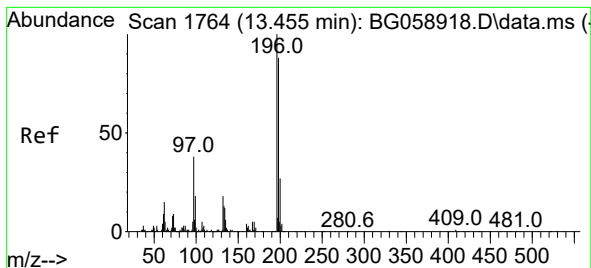
Ion Ratio Lower Upper

196 100

198 93.6 76.1 114.1

200 30.9 25.8 38.6





#42

2,4,5-Trichlorophenol

Concen: 168.297 ng/ul

RT: 13.474 min Scan# 1764

Delta R.T. 0.021 min

Lab File: BG058921.D

Acq: 8 Sep 2023 15:29

Instrument :

BNA_G

ClientSampleId :

SSTD160405

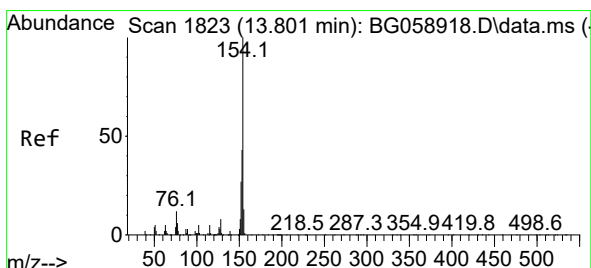
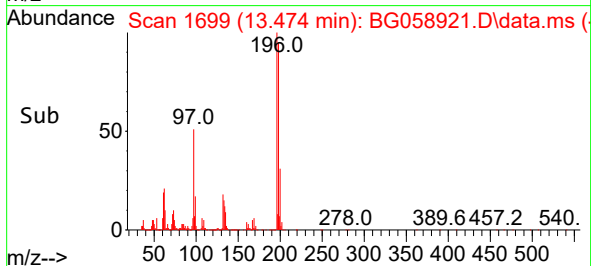
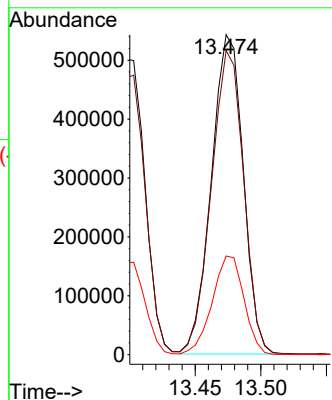
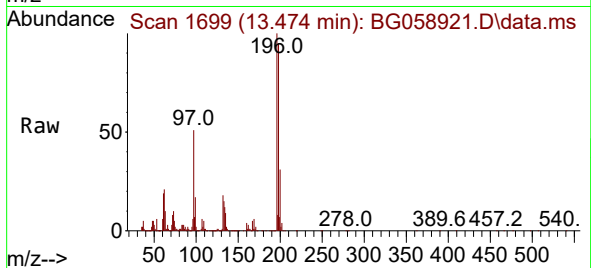
Tgt Ion:196 Resp: 916756

Ion Ratio Lower Upper

196 100

198 95.1 74.3 111.5

200 30.9 24.7 37.1



#43

1,1'-Biphenyl

Concen: 150.093 ng/ul

RT: 13.814 min Scan# 1757

Delta R.T. 0.015 min

Lab File: BG058921.D

Acq: 8 Sep 2023 15:29

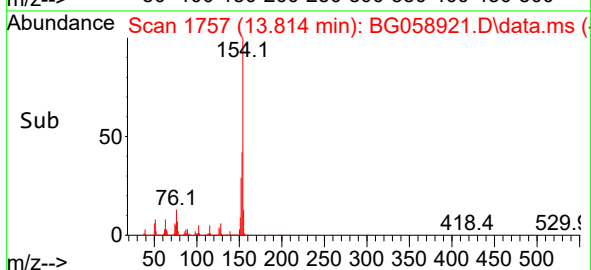
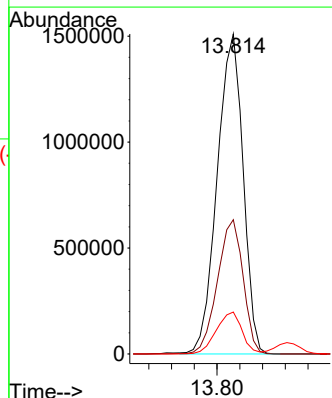
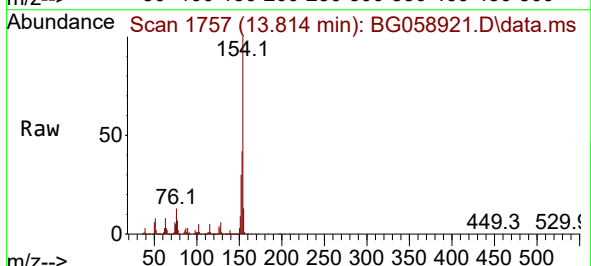
Tgt Ion:154 Resp: 2388824

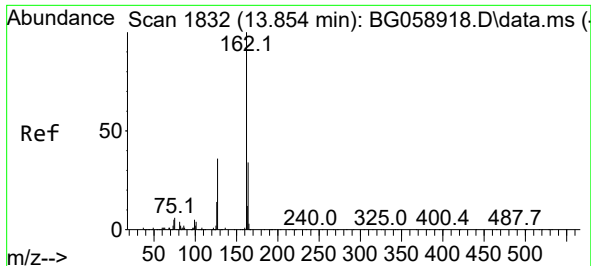
Ion Ratio Lower Upper

154 100

153 42.0 31.8 47.8

76 13.1 8.6 13.0#

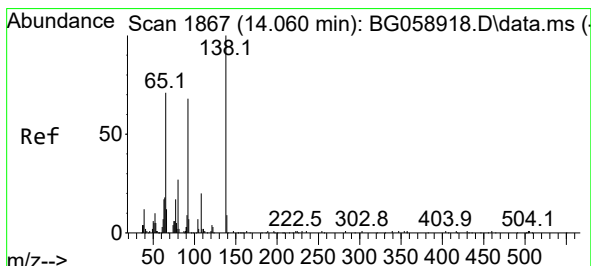
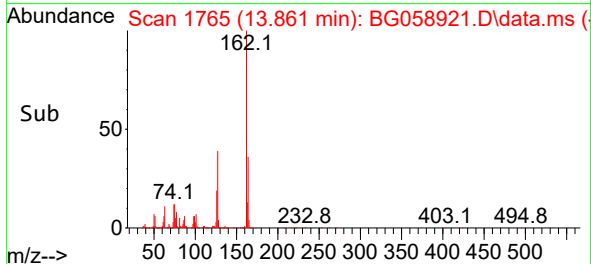
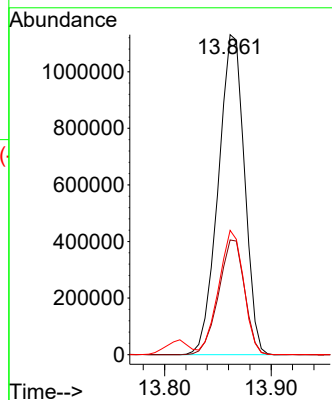
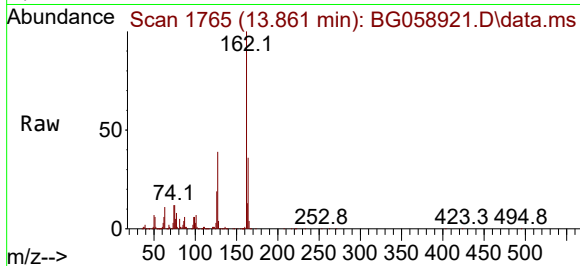




#44
2-Chloronaphthalene
Concen: 152.146 ng/ul
RT: 13.861 min Scan# 11
Delta R.T. 0.009 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

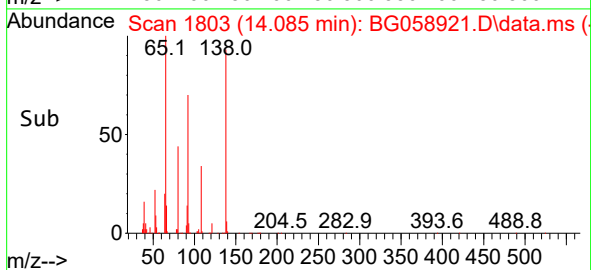
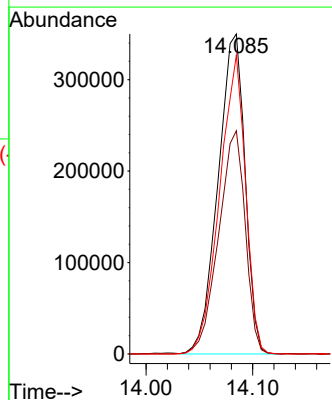
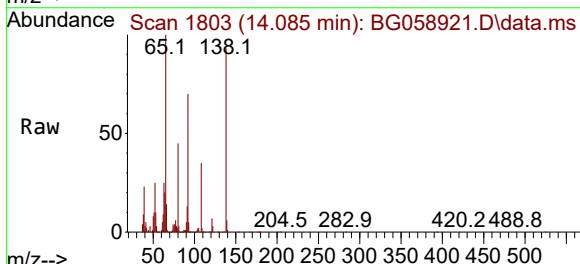
Instrument :
BNA_G
ClientSampleId :
SSTD160405

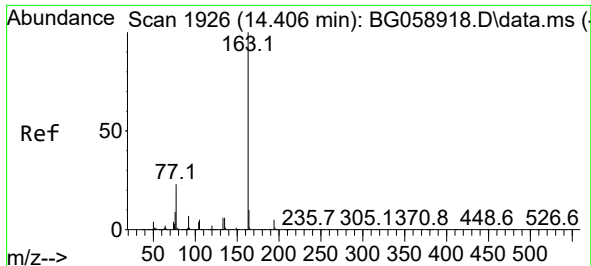
Tgt Ion:162 Resp: 1931234
Ion Ratio Lower Upper
162 100
164 35.9 27.1 40.7
127 38.9 27.8 41.8



#45
2-Nitroaniline
Concen: 219.302 ng/ul
RT: 14.085 min Scan# 1803
Delta R.T. 0.021 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion: 65 Resp: 615496
Ion Ratio Lower Upper
65 100
92 69.8 52.8 79.2
138 93.4 76.4 114.6

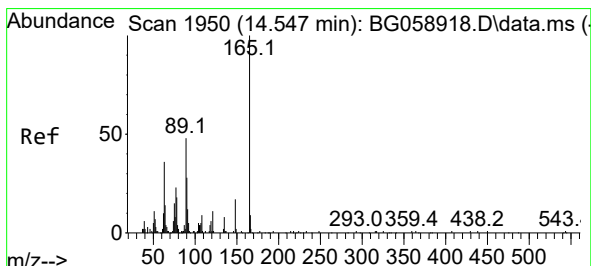
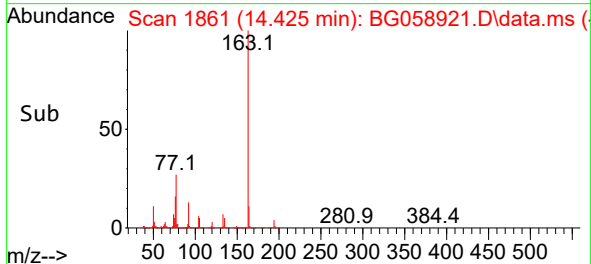
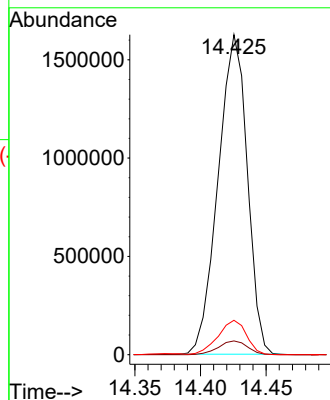
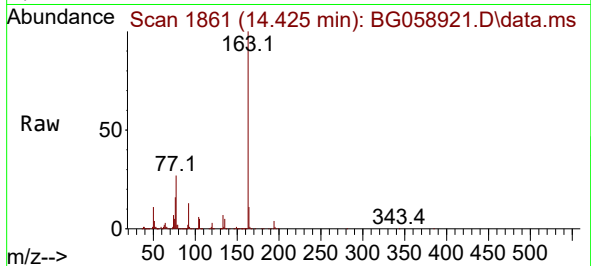




#47
Dimethylphthalate
Concen: 136.679 ng/ul
RT: 14.425 min Scan# 1861
Delta R.T. 0.021 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

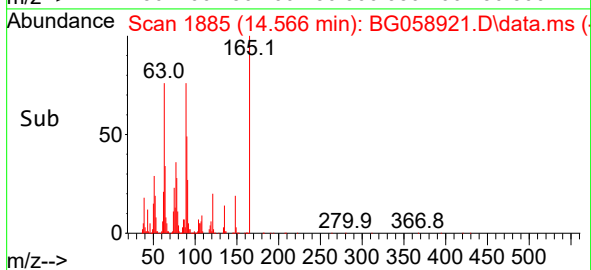
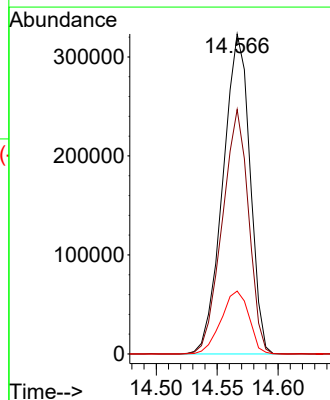
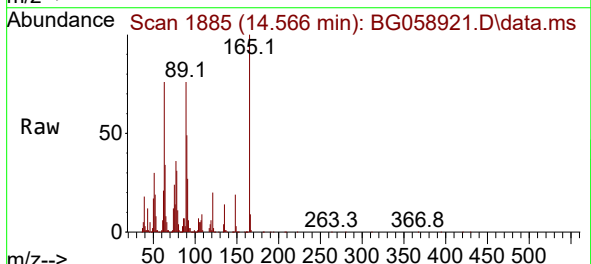
Instrument :
BNA_G
ClientSampleId :
SSTD160405

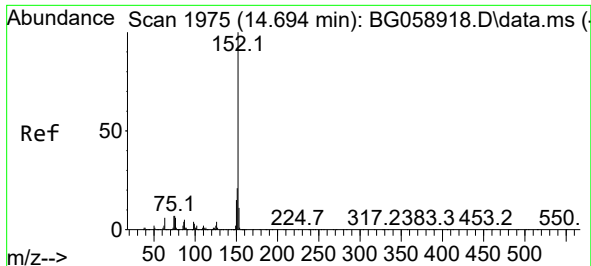
Tgt Ion:163 Resp: 2509208
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 10.8 7.4 11.0



#48
2,6-Dinitrotoluene
Concen: 192.014 ng/ul
RT: 14.566 min Scan# 1885
Delta R.T. 0.021 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion:165 Resp: 500323
Ion Ratio Lower Upper
165 100
89 76.4 53.0 79.6
121 19.7 14.2 21.4

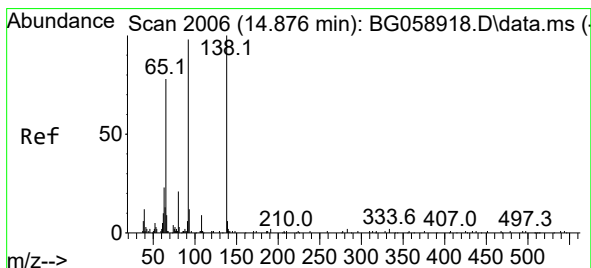
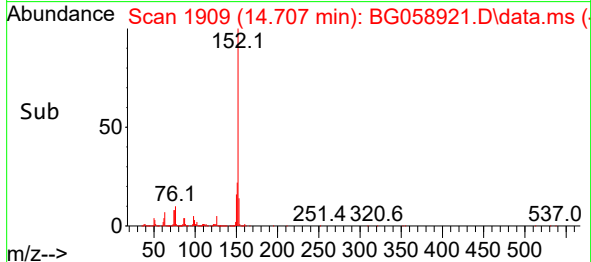
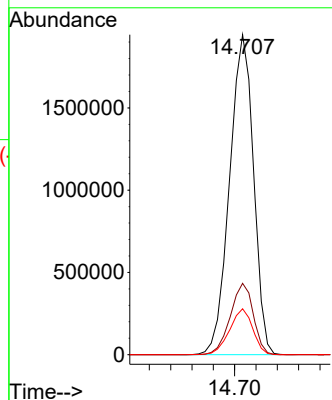
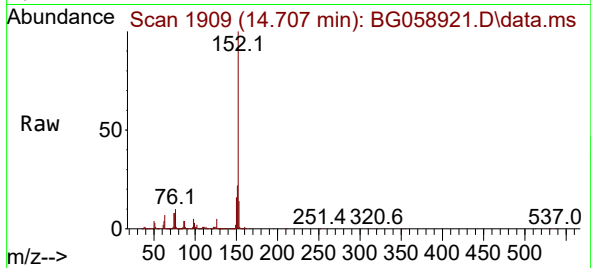




#50
Acenaphthylene
Concen: 139.420 ng/ul
RT: 14.707 min Scan# 1909
Delta R.T. 0.015 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

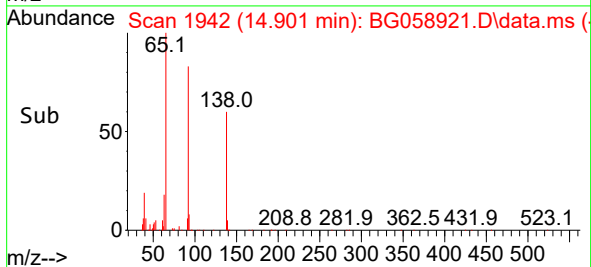
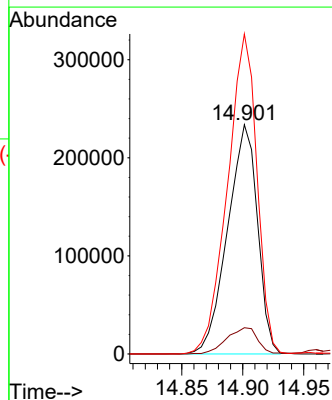
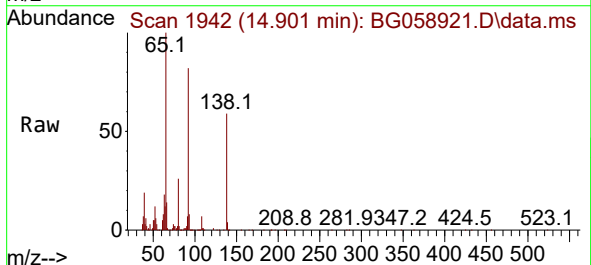
Instrument :
BNA_G
ClientSampleId :
SSTD160405

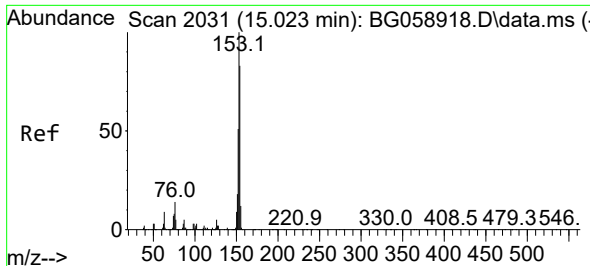
Tgt Ion:152 Resp: 3036490
Ion Ratio Lower Upper
152 100
151 22.3 15.0 22.4
153 14.4 9.4 14.2#



#51
3-Nitroaniline
Concen: 151.673 ng/ul
RT: 14.901 min Scan# 1942
Delta R.T. 0.027 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion:138 Resp: 398244
Ion Ratio Lower Upper
138 100
108 11.4 10.2 15.2
92 139.6 105.2 157.8

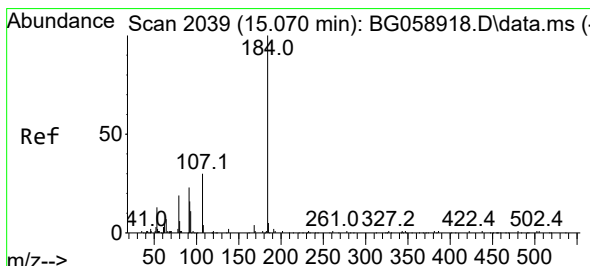
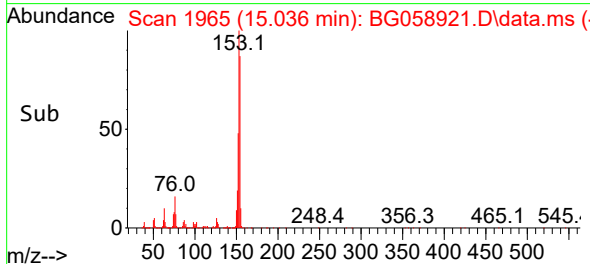
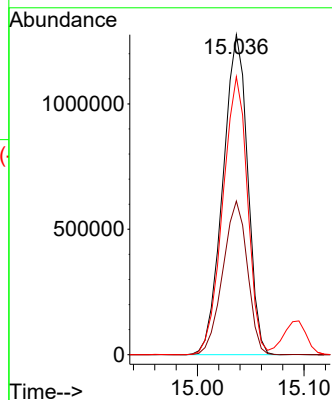
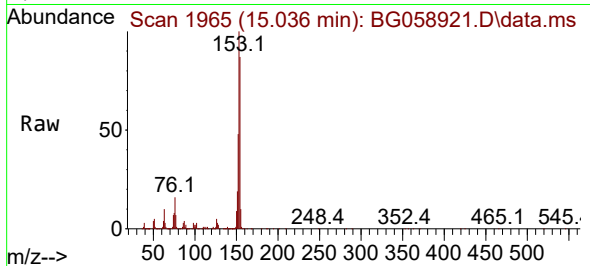




#52
Acenaphthene
Concen: 145.375 ng/ul
RT: 15.036 min Scan# 1965
Delta R.T. 0.009 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

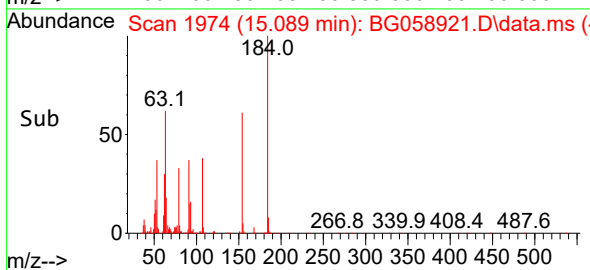
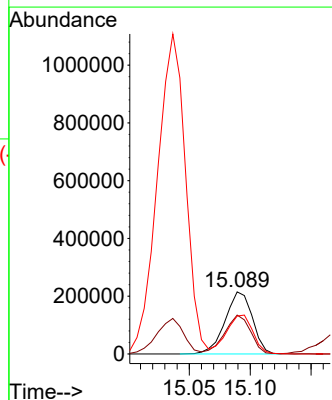
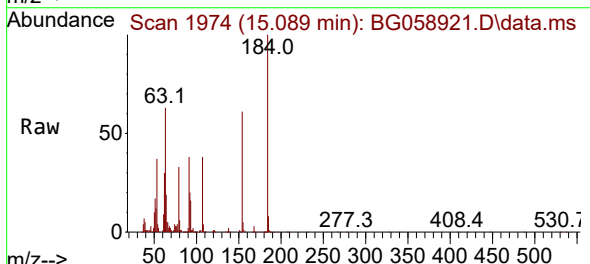
Instrument :
BNA_G
ClientSampleId :
SSTD160405

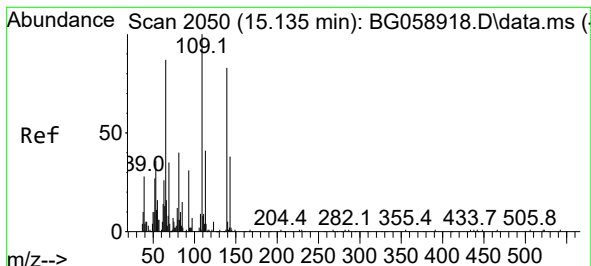
Tgt Ion:153 Resp: 2061470
Ion Ratio Lower Upper
153 100
152 48.0 36.6 55.0
154 86.8 65.8 98.6



#53
2,4-Dinitrophenol
Concen: 151.931 ng/ul
RT: 15.089 min Scan# 1974
Delta R.T. 0.021 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion:184 Resp: 334889
Ion Ratio Lower Upper
184 100
63 62.7 43.3 64.9
154 61.2 38.6 57.8#

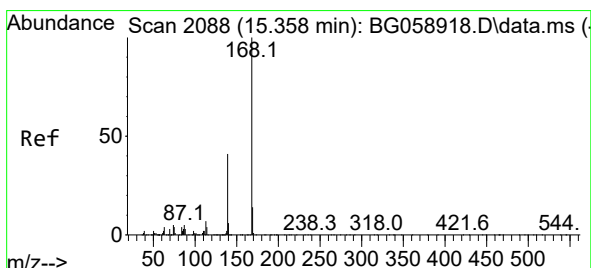
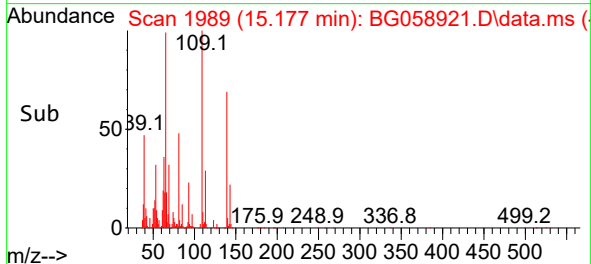
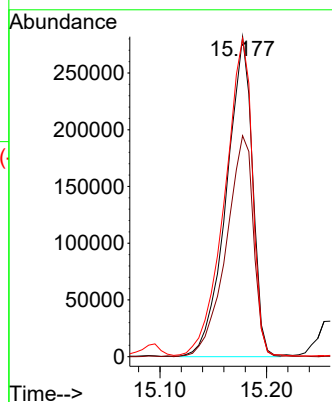
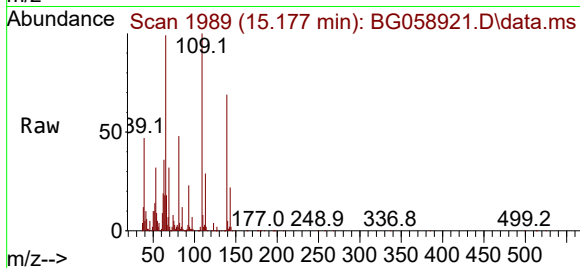




#55
4-Nitrophenol
Concen: 160.574 ng/ul
RT: 15.177 min Scan# 1989
Delta R.T. 0.039 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

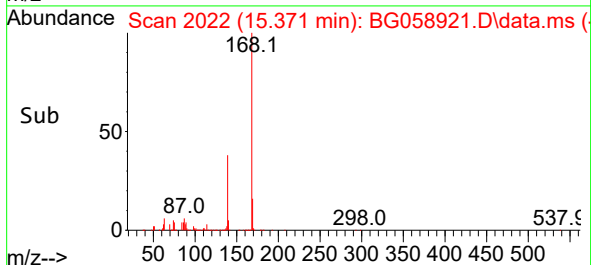
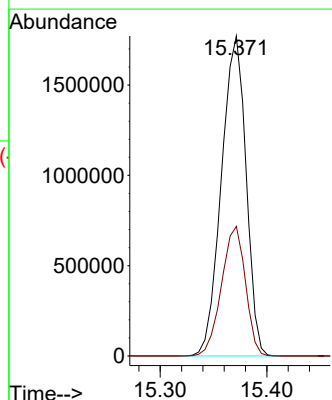
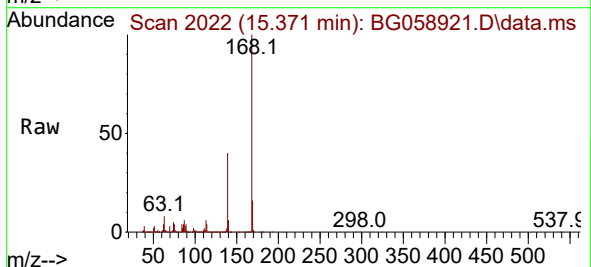
Instrument :
BNA_G
ClientSampleId :
SSTD160405

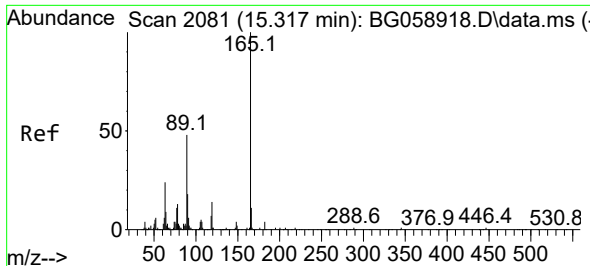
Tgt Ion:109 Resp: 479111
Ion Ratio Lower Upper
109 100
139 69.0 70.8 106.2#
65 99.5 87.5 131.3



#56
Dibenzofuran
Concen: 134.311 ng/ul
RT: 15.371 min Scan# 2022
Delta R.T. 0.015 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion:168 Resp: 2843167
Ion Ratio Lower Upper
168 100
139 40.5 29.4 44.0

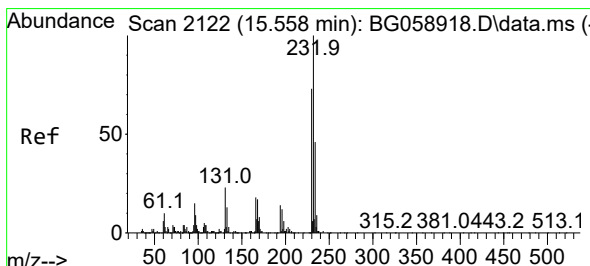
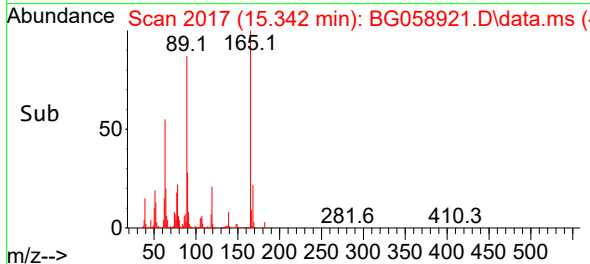
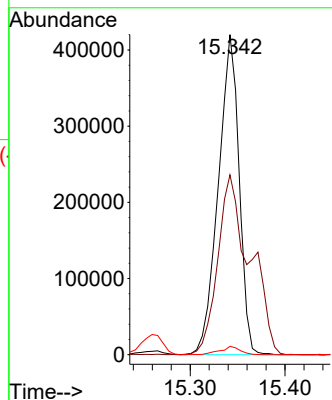
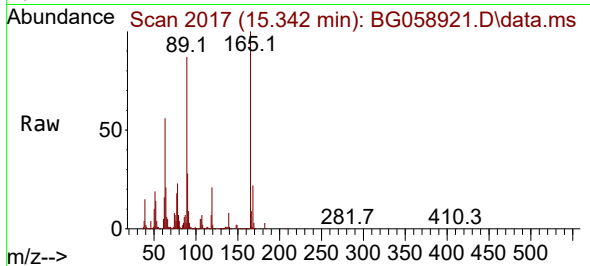




#57
2,4-Dinitrotoluene
Concen: 170.500 ng/ul
RT: 15.342 min Scan# 2081
Delta R.T. 0.027 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

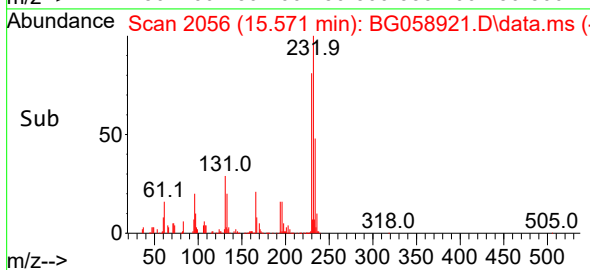
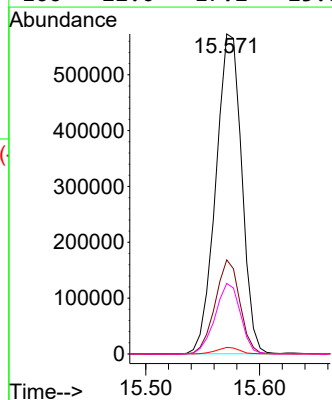
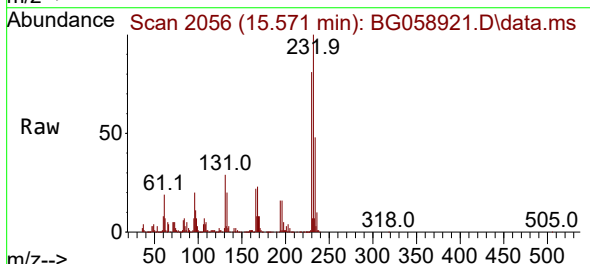
Instrument :
BNA_G
ClientSampleId :
SSTD160405

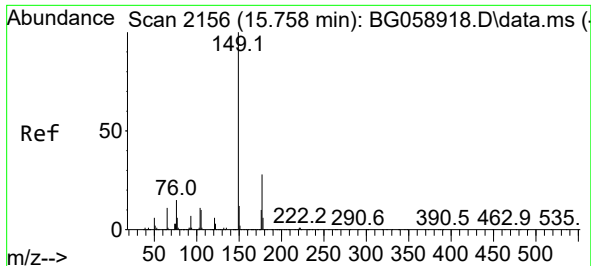
Tgt Ion:165 Resp: 640883
Ion Ratio Lower Upper
165 100
63 56.2 35.8 53.8#
182 2.6 1.7 2.5#



#58
2,3,4,6-Tetrachlorophenol
Concen: 157.831 ng/ul
RT: 15.571 min Scan# 2056
Delta R.T. 0.009 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion:232 Resp: 906794
Ion Ratio Lower Upper
232 100
131 29.4 20.6 31.0
130 2.1 0.0 0.0#
166 22.0 17.2 25.8

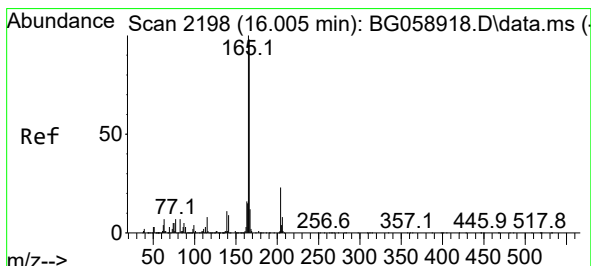
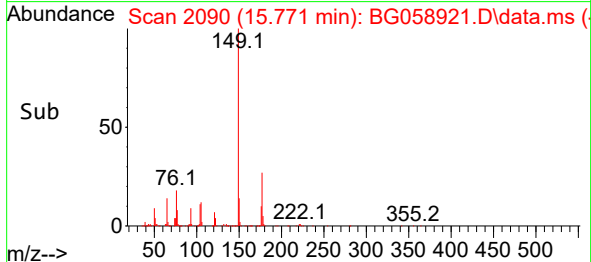
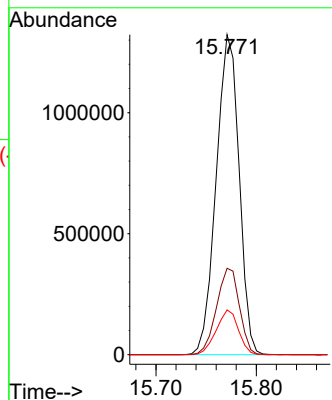
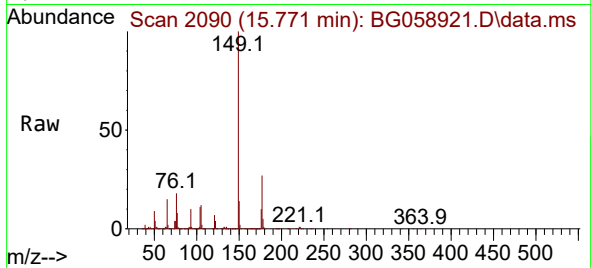




#59
Diethylphthalate
Concen: 126.814 ng/ul
RT: 15.771 min Scan# 2090
Delta R.T. 0.021 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

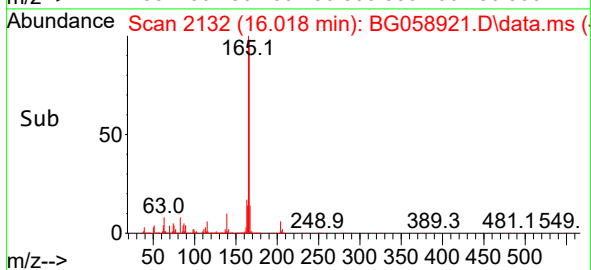
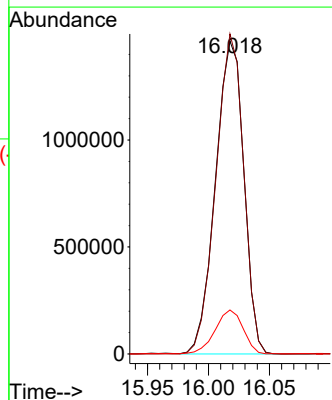
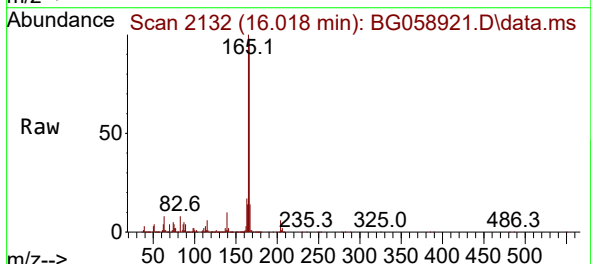
Instrument :
BNA_G
ClientSampleId :
SSTD160405

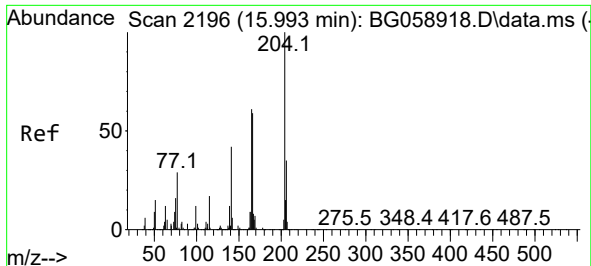
Tgt Ion:149 Resp: 2092382
Ion Ratio Lower Upper
149 100
177 27.0 21.0 31.4
150 14.0 11.6 17.4



#61
Fluorene
Concen: 131.736 ng/ul
RT: 16.018 min Scan# 2132
Delta R.T. 0.015 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion:166 Resp: 2367527
Ion Ratio Lower Upper
166 100
165 102.3 78.5 117.7
167 14.1 10.1 15.1

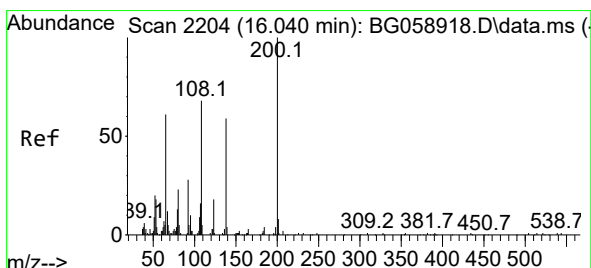
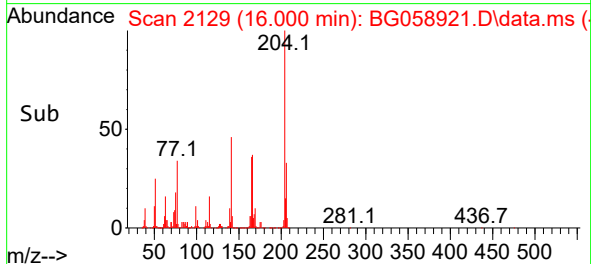
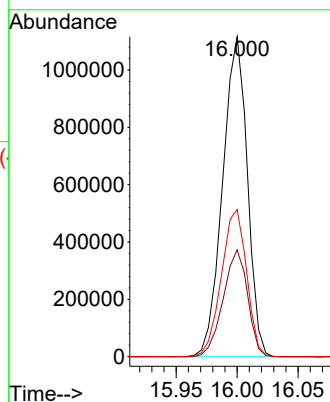
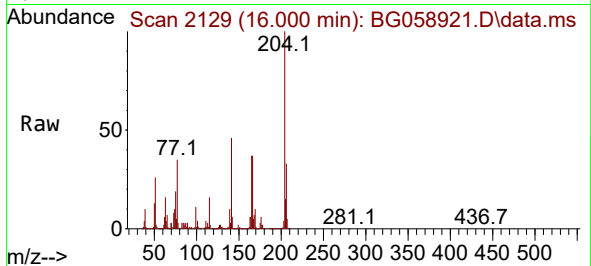




#62
4-Chlorophenyl-phenylether
Concen: 145.916 ng/ul
RT: 16.000 min Scan# 2112
Delta R.T. 0.009 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

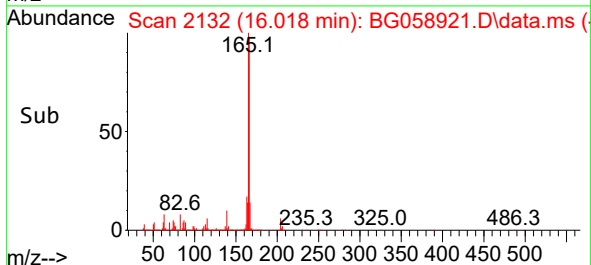
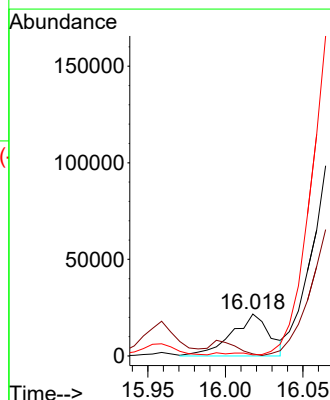
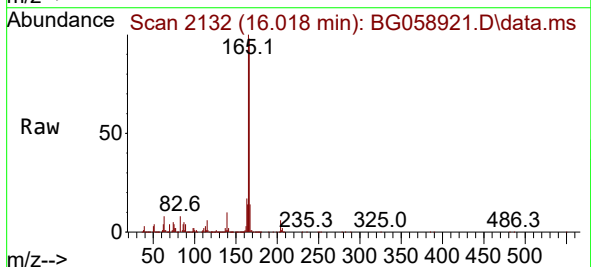
Instrument :
BNA_G
ClientSampleId :
SSTD160405

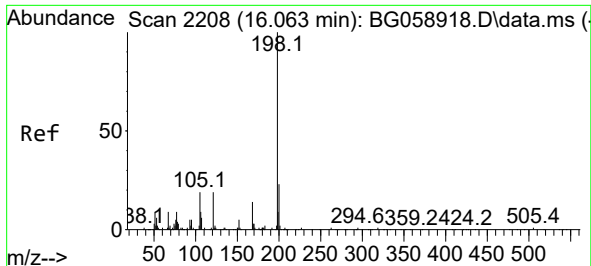
Tgt Ion:204 Resp: 1573159
Ion Ratio Lower Upper
204 100
206 33.4 24.2 36.2
141 46.0 33.0 49.4



#63
4-Nitroaniline
Concen: 14.823 ng/ul
RT: 16.018 min Scan# 2132
Delta R.T. -0.020 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion:138 Resp: 36873
Ion Ratio Lower Upper
138 100
92 5.1 48.2 72.2#
108 2.6 96.6 145.0#

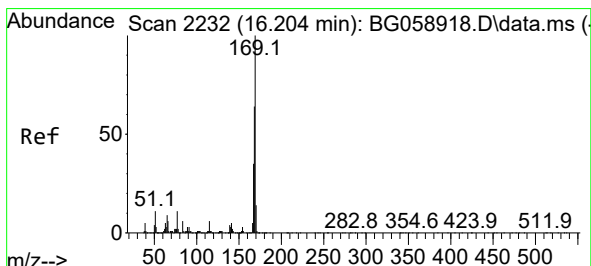
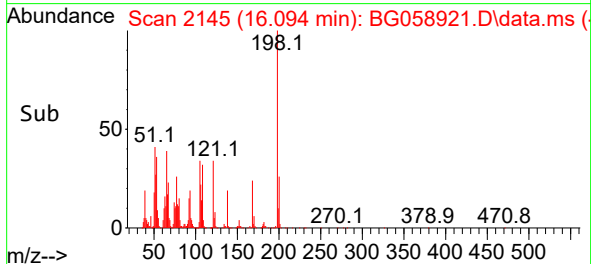
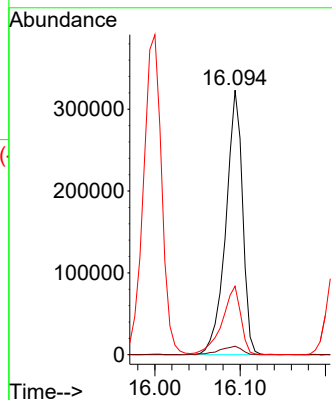
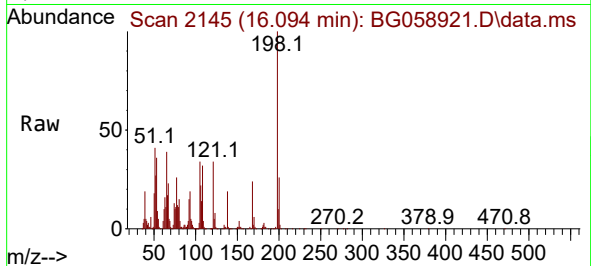




#66
4,6-Dinitro-2-methylphenol
Concen: 180.062 ng/ul
RT: 16.094 min Scan# 2165
Delta R.T. 0.033 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

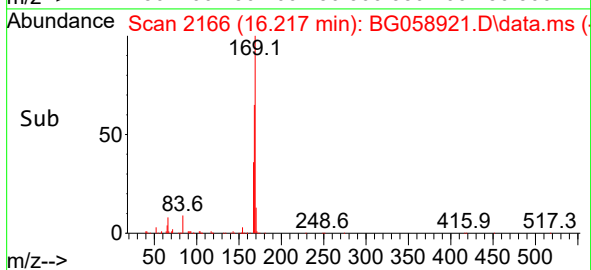
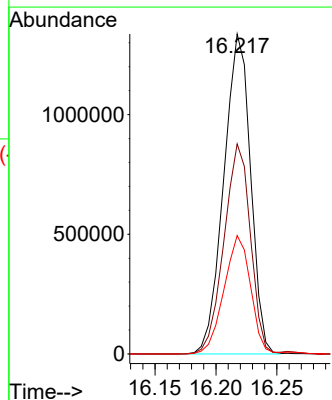
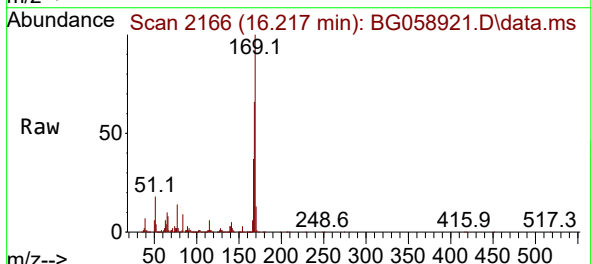
Instrument :
BNA_G
ClientSampleId :
SSTD160405

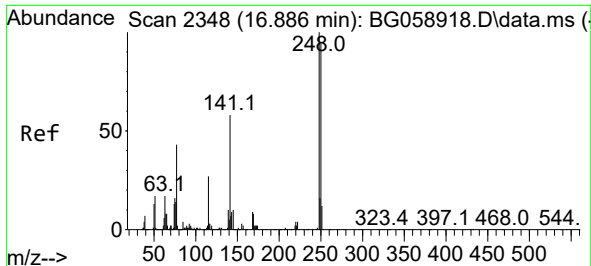
Tgt Ion:198 Resp: 439472
Ion Ratio Lower Upper
198 100
182 3.2 3.0 4.6
77 25.9 16.6 25.0#



#67
N-Nitrosodiphenylamine
Concen: 162.738 ng/ul
RT: 16.217 min Scan# 2166
Delta R.T. 0.015 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion:169 Resp: 2043649
Ion Ratio Lower Upper
169 100
168 65.6 52.4 78.6
167 37.0 29.5 44.3

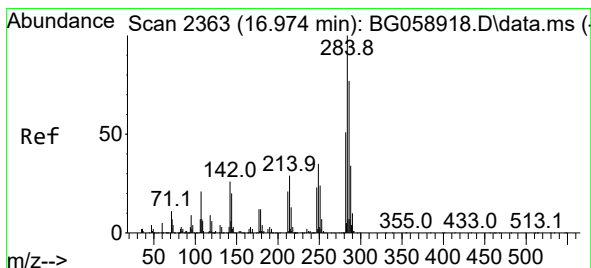
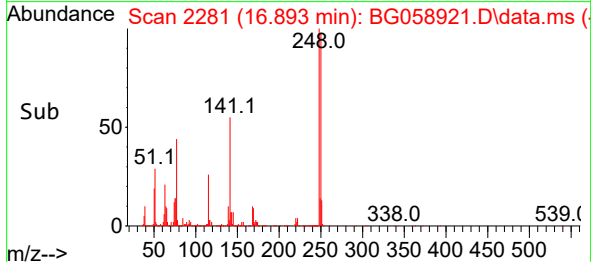
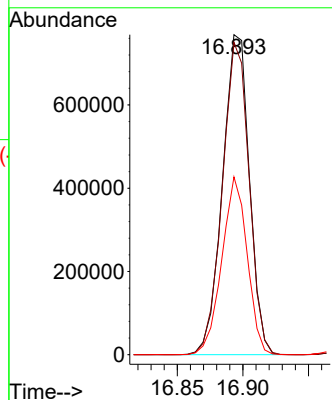
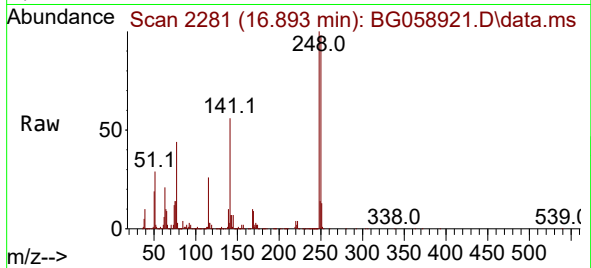




#68
4-Bromophenyl-phenylether
Concen: 176.684 ng/ul
RT: 16.893 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

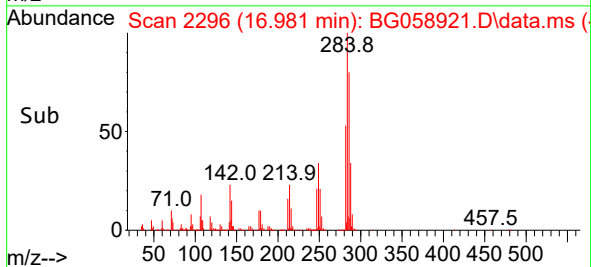
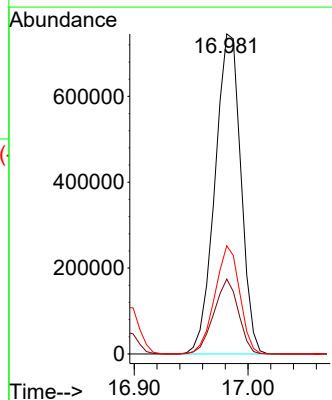
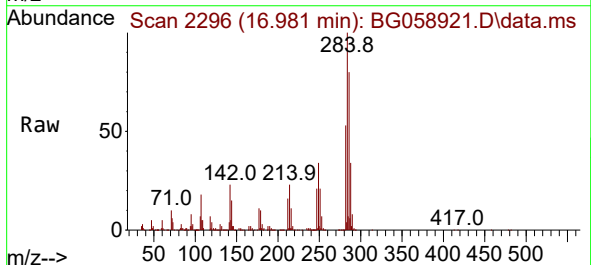
Instrument :
BNA_G
ClientSampleId :
SSTD160405

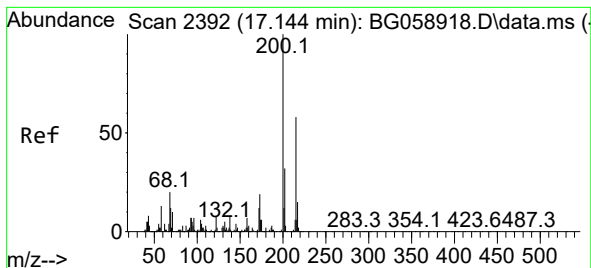
Tgt Ion:248 Resp: 1095552
Ion Ratio Lower Upper
248 100
250 97.6 73.9 110.9
141 55.5 36.1 54.1#



#69
Hexachlorobenzene
Concen: 165.092 ng/ul
RT: 16.981 min Scan# 2296
Delta R.T. 0.009 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion:284 Resp: 1181267
Ion Ratio Lower Upper
284 100
142 23.4 16.2 24.2
249 33.8 24.4 36.6





#70

Atrazine

Concen: 132.816 ng/ul

RT: 17.157 min Scan# 21

Delta R.T. 0.015 min

Lab File: BG058921.D

Acq: 8 Sep 2023 15:29

Instrument :

BNA_G

ClientSampleId :

SSTD160405

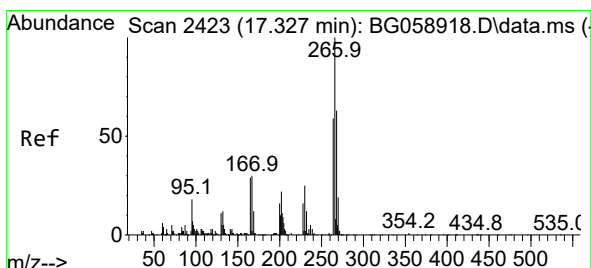
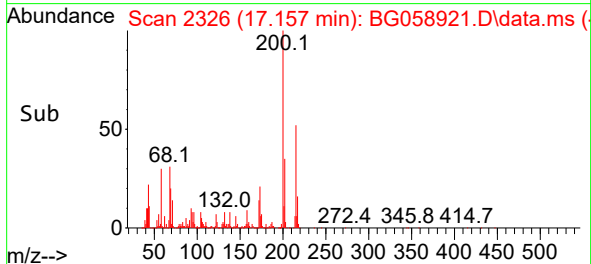
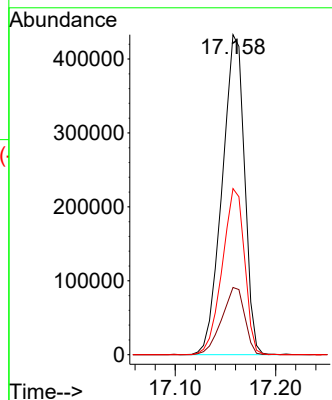
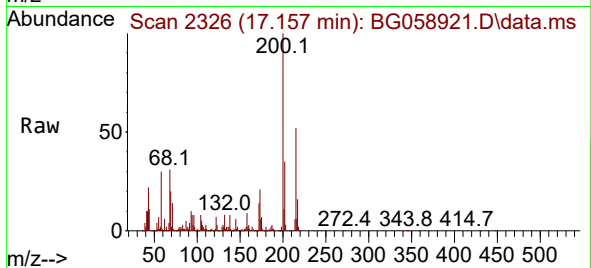
Tgt Ion:200 Resp: 669627

Ion Ratio Lower Upper

200 100

173 21.0 16.5 24.7

215 51.9 42.1 63.1



#71

Pentachlorophenol

Concen: 163.542 ng/ul

RT: 17.334 min Scan# 2356

Delta R.T. 0.009 min

Lab File: BG058921.D

Acq: 8 Sep 2023 15:29

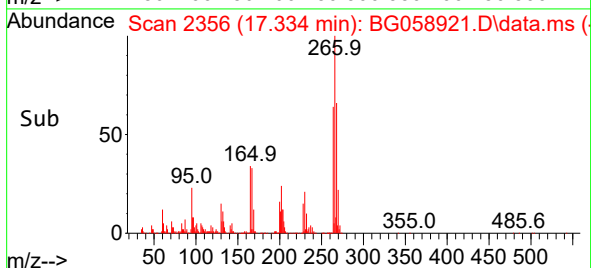
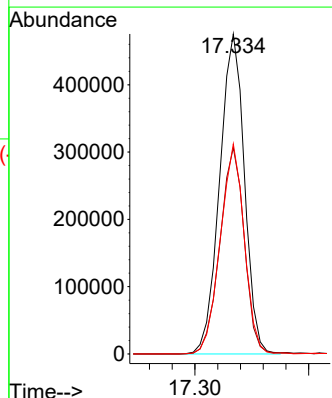
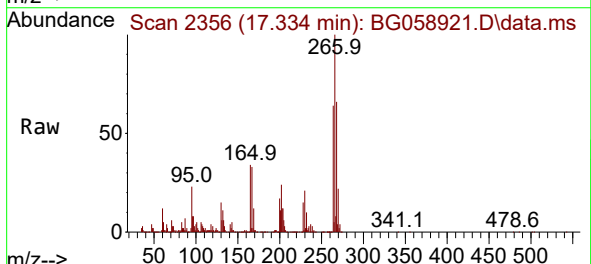
Tgt Ion:266 Resp: 718685

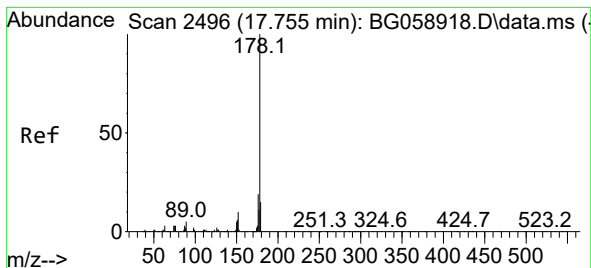
Ion Ratio Lower Upper

266 100

264 64.4 45.4 68.0

268 65.7 50.0 75.0





#72

Phenanthrene

Concen: 140.858 ng/ul

RT: 17.763 min Scan# 24

Delta R.T. 0.009 min

Lab File: BG058921.D

Acq: 8 Sep 2023 15:29

Instrument :

BNA_G

ClientSampleId :

SSTD160405

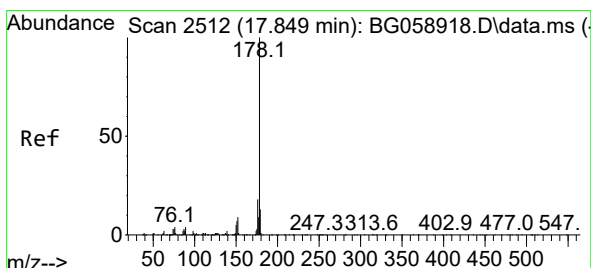
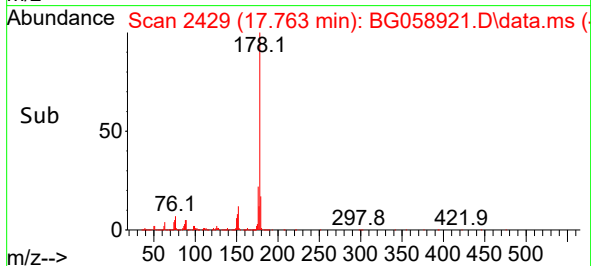
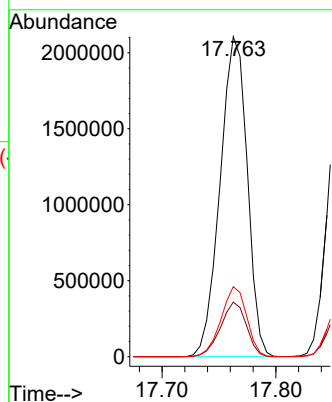
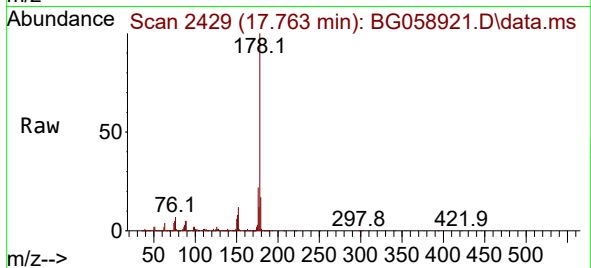
Tgt Ion:178 Resp: 3491314

Ion Ratio Lower Upper

178 100

179 17.0 12.9 19.3

176 21.9 15.0 22.6



#74

Anthracene

Concen: 137.107 ng/ul

RT: 17.863 min Scan# 2446

Delta R.T. 0.015 min

Lab File: BG058921.D

Acq: 8 Sep 2023 15:29

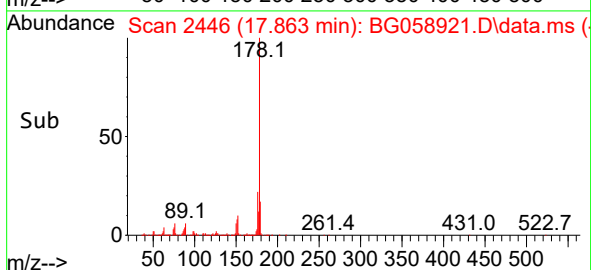
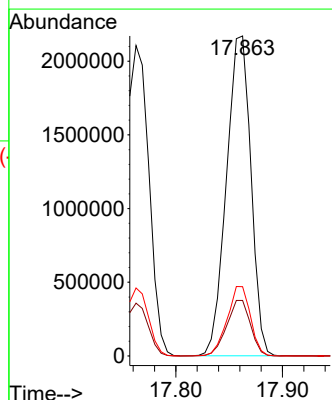
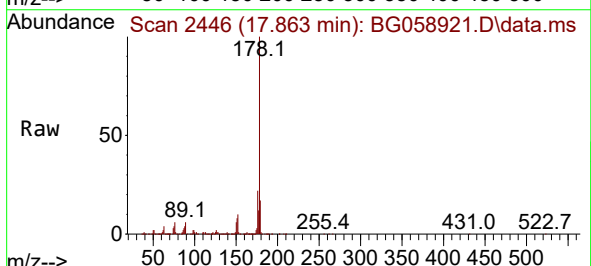
Tgt Ion:178 Resp: 3470173

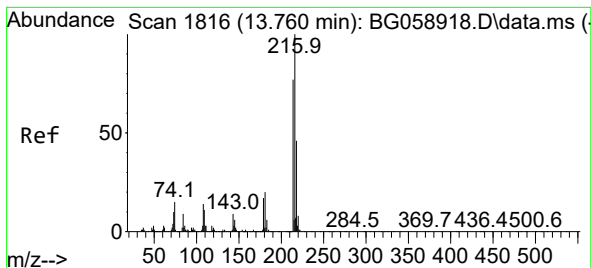
Ion Ratio Lower Upper

178 100

179 17.3 11.1 16.7#

176 21.7 14.8 22.2

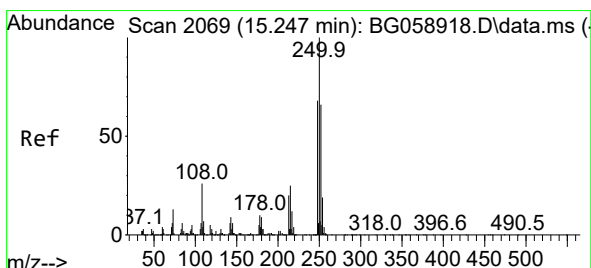
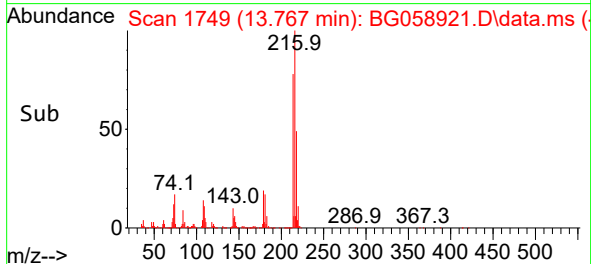
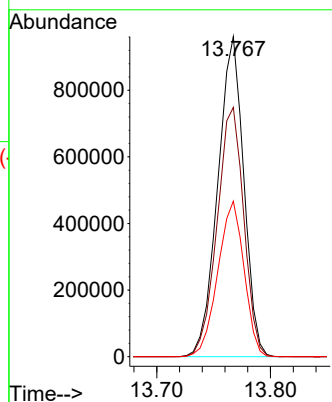
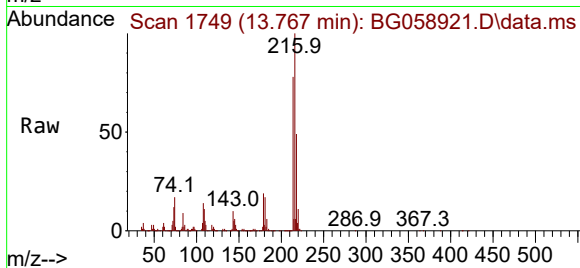




#75
1,2,3,4-Tetrachlorobenzene
Concen: 205.620 ng/uL
RT: 13.767 min Scan# 11
Delta R.T. 0.015 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

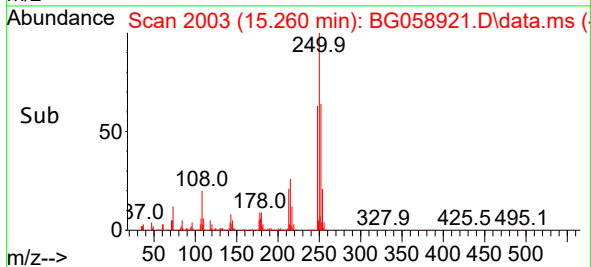
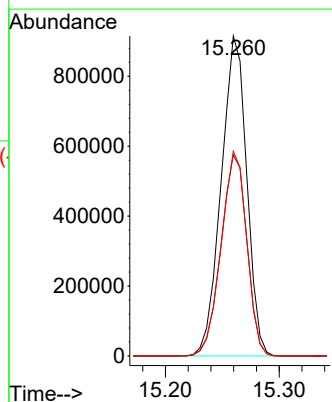
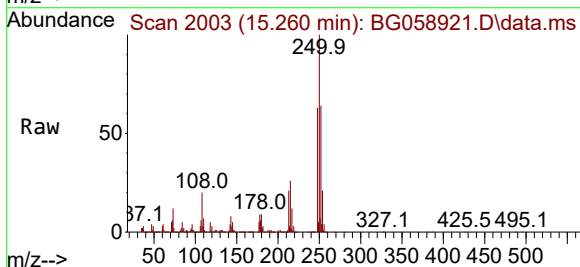
Instrument :
BNA_G
ClientSampleId :
SSTD160405

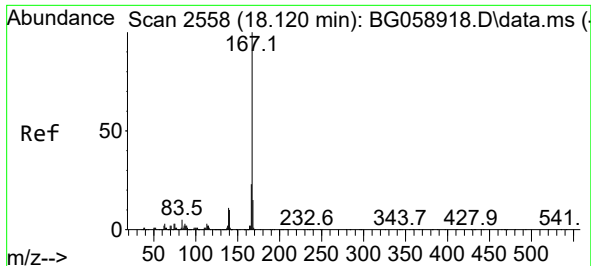
Tgt Ion:216 Resp: 1524673
Ion Ratio Lower Upper
216 100
214 77.9 63.9 95.9
218 48.6 34.5 51.7



#76
Pentachlorobenzene
Concen: 191.186 ng/uL
RT: 15.260 min Scan# 2003
Delta R.T. 0.009 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion:250 Resp: 1428745
Ion Ratio Lower Upper
250 100
248 62.9 51.2 76.8
252 64.0 53.4 80.2

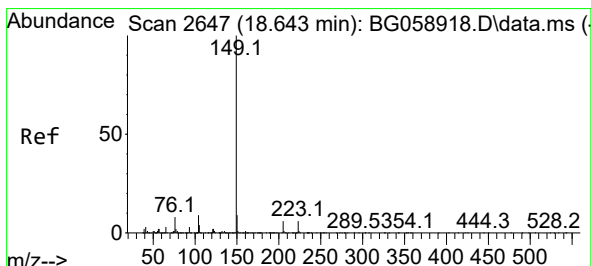
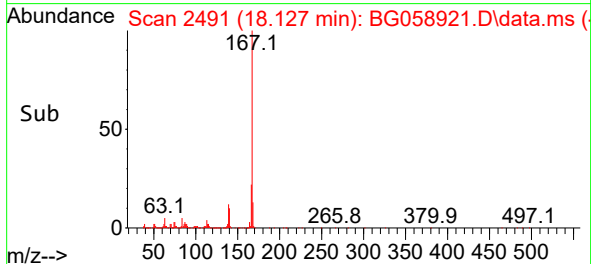
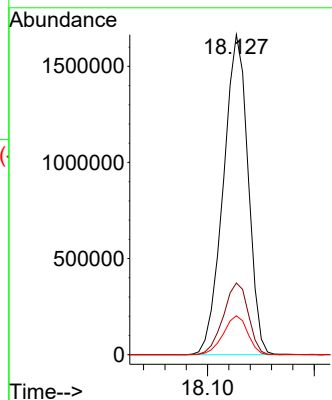
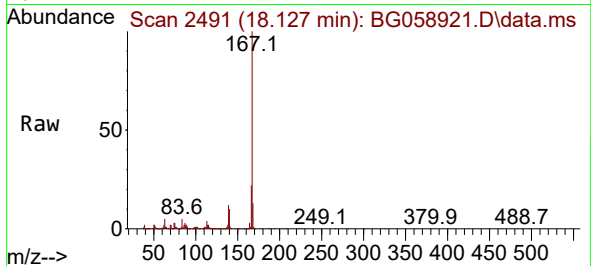




#77
 Carbazole
 Concen: 139.736 ng/ul
 RT: 18.127 min Scan# 2491
 Delta R.T. 0.009 min
 Lab File: BG058921.D
 Acq: 8 Sep 2023 15:29

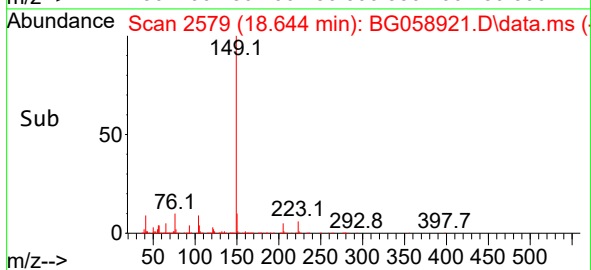
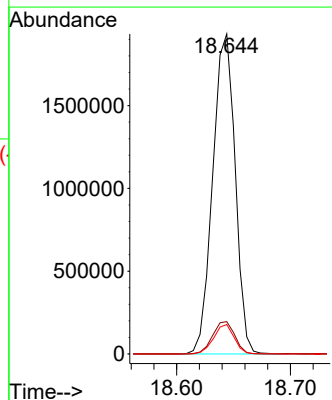
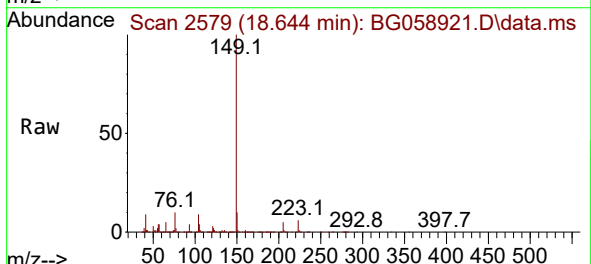
Instrument :
 BNA_G
 ClientSampleId :
 SSTD160405

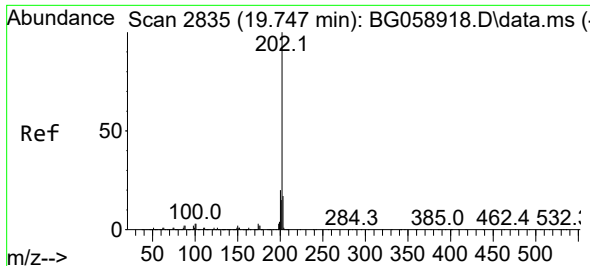
Tgt Ion:167 Resp: 2684432
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.6
 139 12.1 8.8 13.2



#78
 Di-n-butylphthalate
 Concen: 153.539 ng/ul
 RT: 18.644 min Scan# 2579
 Delta R.T. 0.009 min
 Lab File: BG058921.D
 Acq: 8 Sep 2023 15:29

Tgt Ion:149 Resp: 2651582
 Ion Ratio Lower Upper
 149 100
 150 10.1 9.1 13.7
 104 9.2 5.4 8.0#

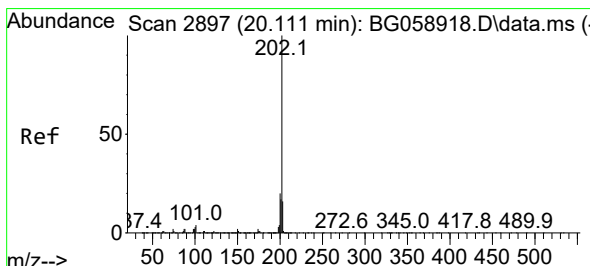
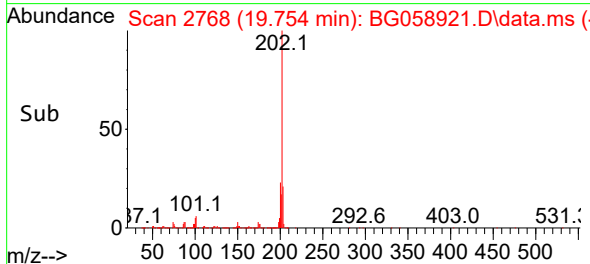
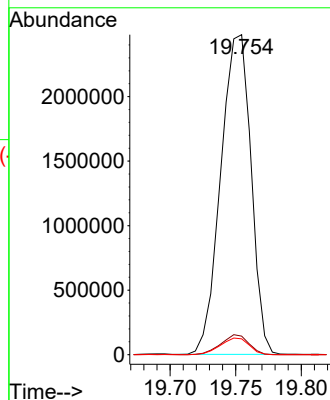
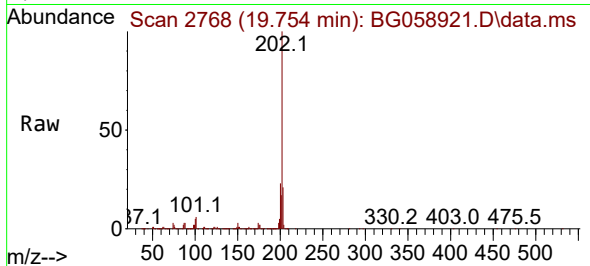




#80
Fluoranthene
Concen: 114.258 ng/ul
RT: 19.754 min Scan# 21
Delta R.T. 0.015 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

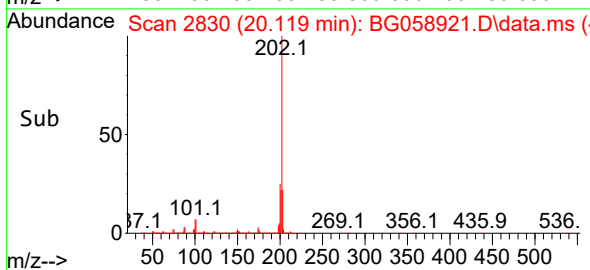
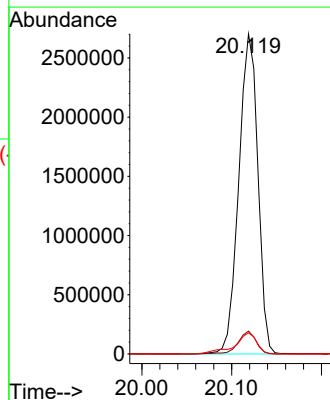
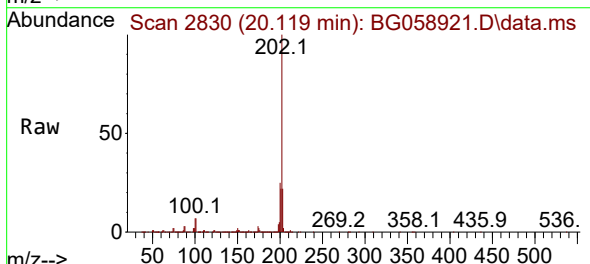
Instrument :
BNA_G
ClientSampleId :
SSTD160405

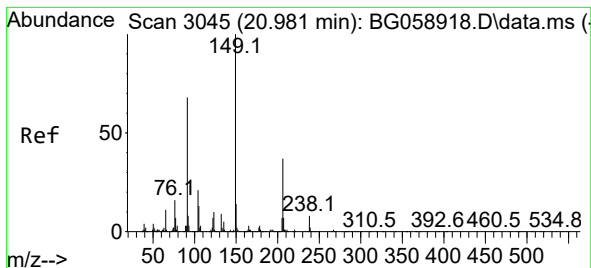
Tgt Ion:202 Resp: 3977005
Ion Ratio Lower Upper
202 100
101 5.8 4.6 7.0
100 4.9 3.8 5.6



#82
Pyrene
Concen: 114.345 ng/ul
RT: 20.119 min Scan# 2830
Delta R.T. 0.009 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion:202 Resp: 3986606
Ion Ratio Lower Upper
202 100
101 7.1 5.2 7.8
100 6.6 5.0 7.4





#83

Butylbenzylphthalate

Concen: 186.077 ng/ul

RT: 20.982 min Scan# 20

Delta R.T. 0.003 min

Lab File: BG058921.D

Acq: 8 Sep 2023 15:29

Instrument :

BNA_G

ClientSampleId :

SSTD160405

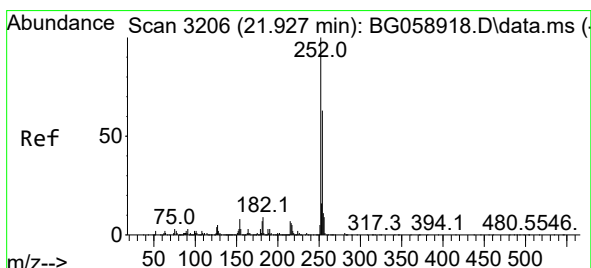
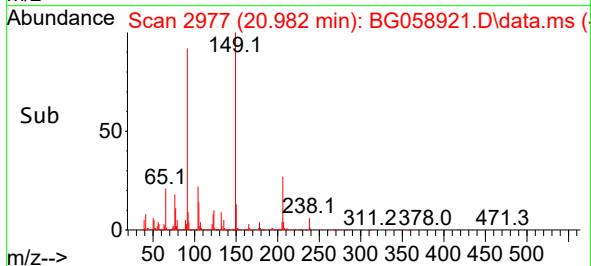
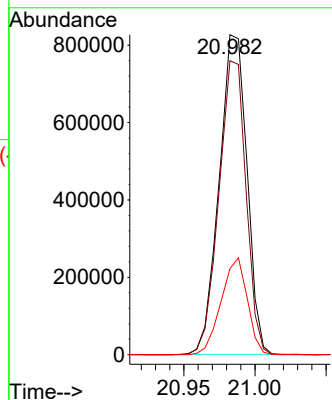
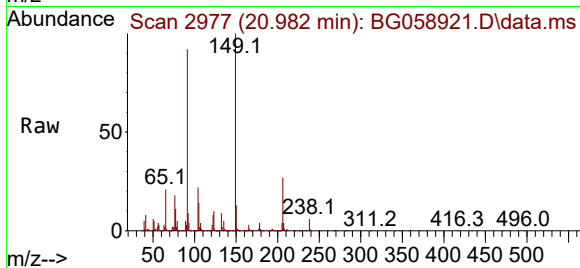
Tgt Ion:149 Resp: 1124869

Ion Ratio Lower Upper

149 100

91 91.8 66.8 100.2

206 26.9 22.7 34.1



#84

3,3'-Dichlorobenzidine

Concen: 130.274 ng/ul

RT: 21.934 min Scan# 3139

Delta R.T. 0.009 min

Lab File: BG058921.D

Acq: 8 Sep 2023 15:29

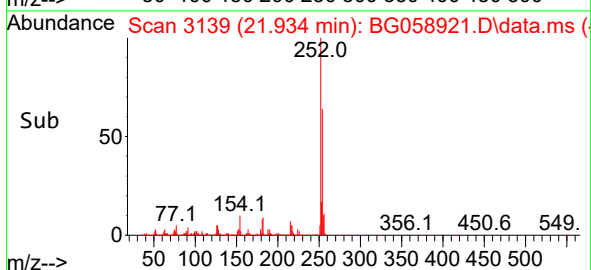
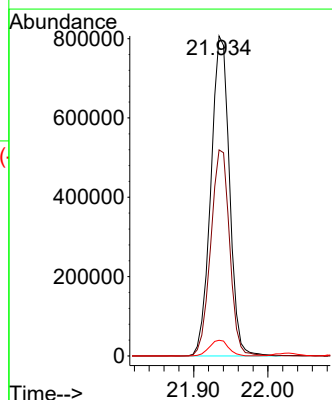
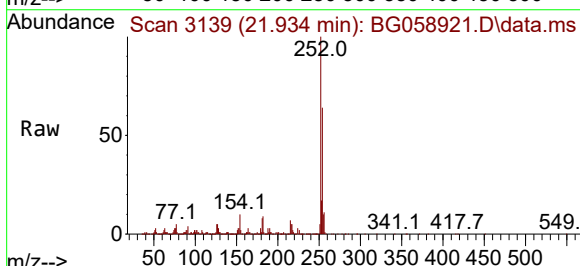
Tgt Ion:252 Resp: 1405230

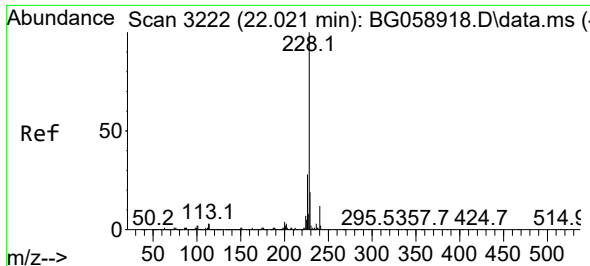
Ion Ratio Lower Upper

252 100

254 64.4 51.0 76.6

126 4.9 4.7 7.1

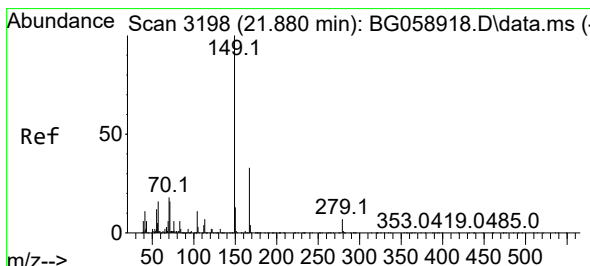
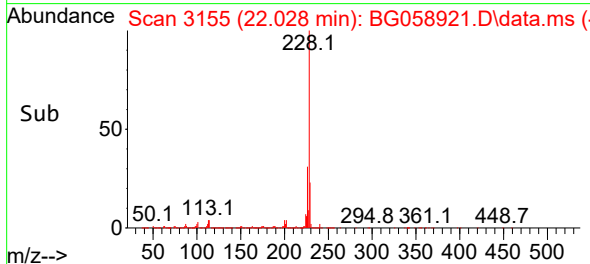
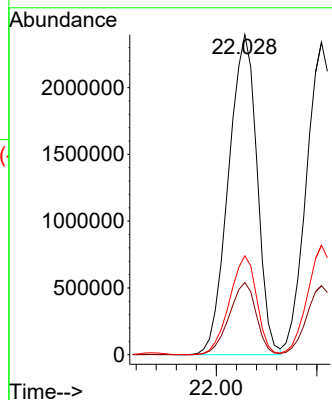
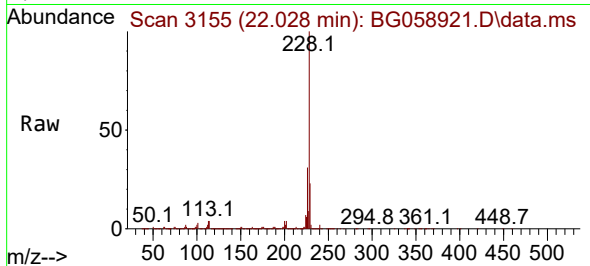




#85
Benzo(a)anthracene
Concen: 140.664 ng/ul
RT: 22.028 min Scan# 31155
Delta R.T. 0.015 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

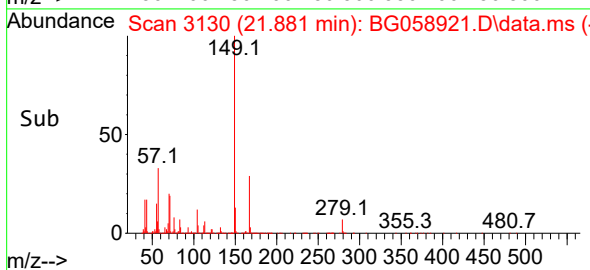
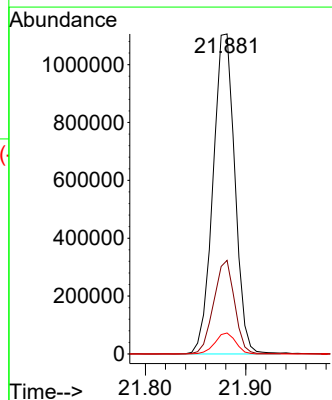
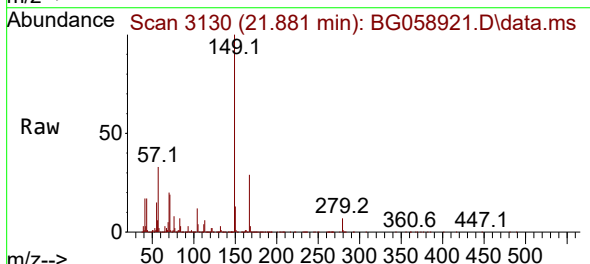
Instrument :
BNA_G
ClientSampleId :
SSTD160405

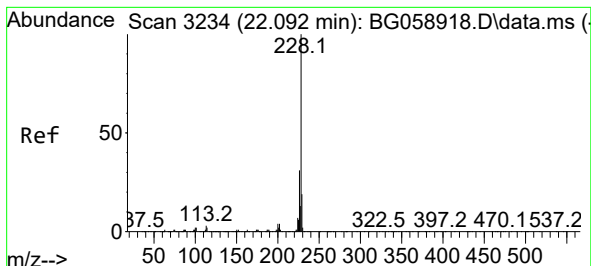
Tgt Ion:228 Resp: 4729416
Ion Ratio Lower Upper
228 100
229 22.6 16.4 24.6
226 30.9 22.6 34.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 177.405 ng/ul
RT: 21.881 min Scan# 3130
Delta R.T. 0.009 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion:149 Resp: 1672965
Ion Ratio Lower Upper
149 100
167 29.2 23.4 35.2
279 6.5 5.4 8.0





#87

Chrysene

Concen: 139.204 ng/ul

RT: 22.105 min Scan# 3168

Delta R.T. 0.015 min

Lab File: BG058921.D

Acq: 8 Sep 2023 15:29

Instrument :

BNA_G

ClientSampleId :

SSTD160405

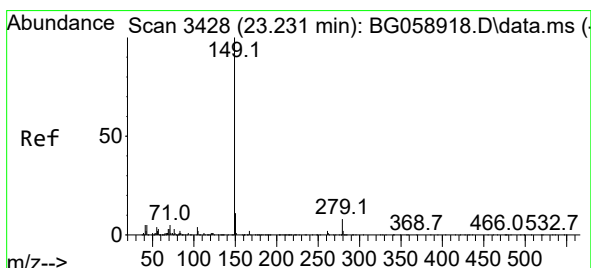
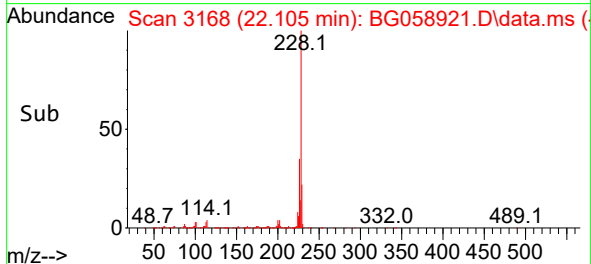
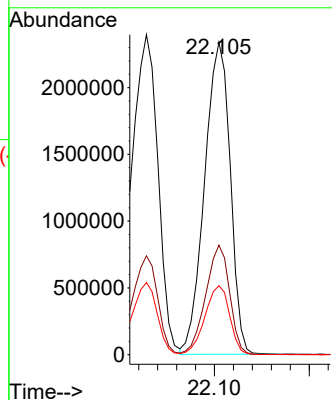
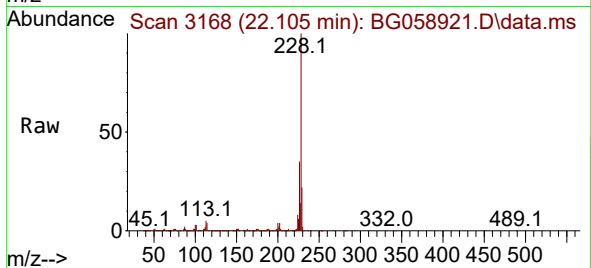
Tgt Ion:228 Resp: 4384358

Ion Ratio Lower Upper

228 100

226 35.0 24.7 37.1

229 22.0 14.7 22.1



#89

Di-n-octyl phthalate

Concen: 168.241 ng/ul

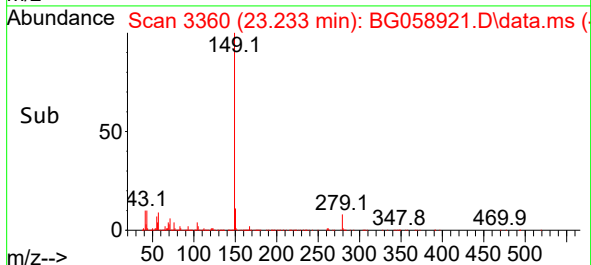
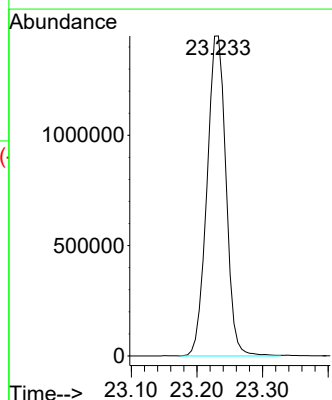
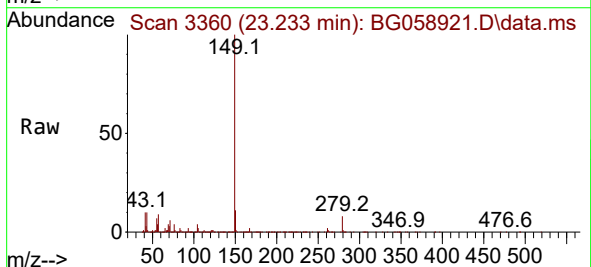
RT: 23.233 min Scan# 3360

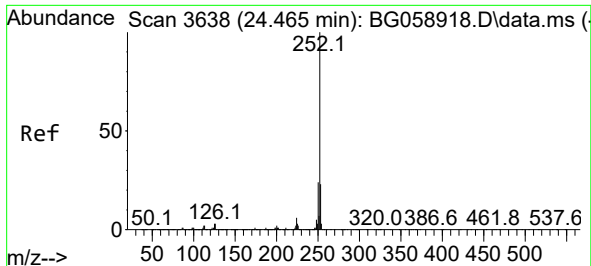
Delta R.T. 0.009 min

Lab File: BG058921.D

Acq: 8 Sep 2023 15:29

Tgt Ion:149 Resp: 2919385

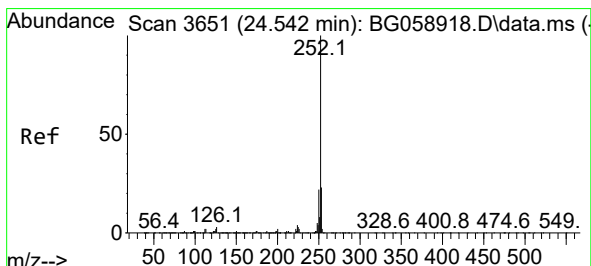
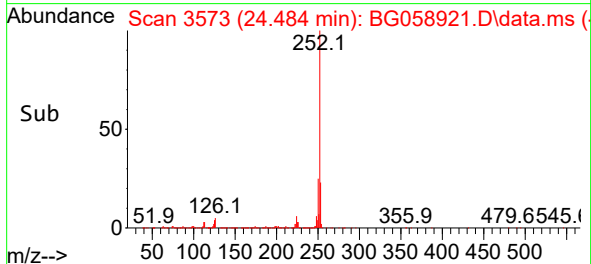
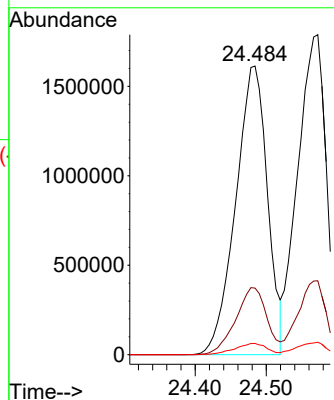
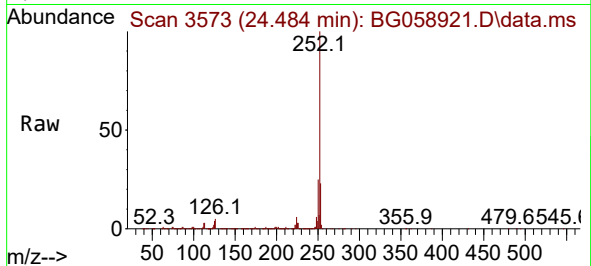




#90
Benzo(b)fluoranthene
Concen: 149.647 ng/ul
RT: 24.484 min Scan# 3573
Delta R.T. 0.027 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

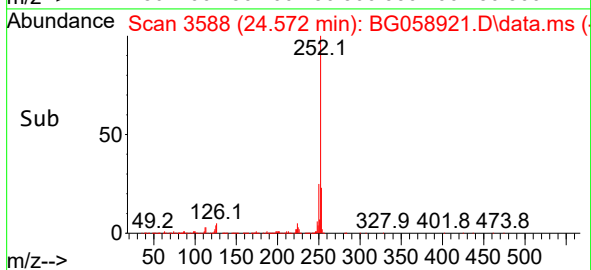
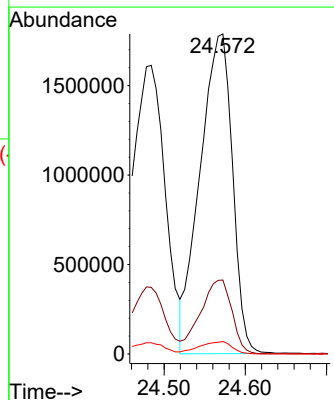
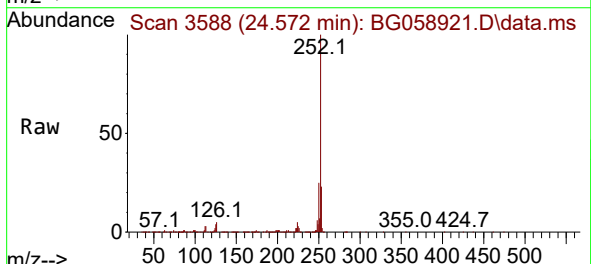
Instrument :
BNA_G
ClientSampleId :
SSTD160405

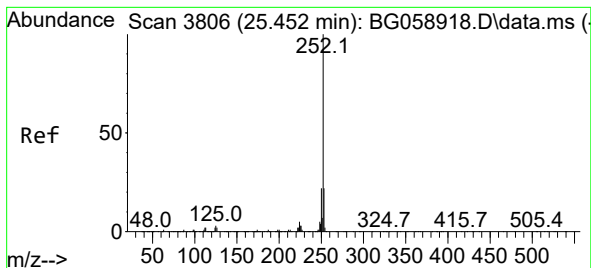
Tgt Ion:252 Resp: 5007437
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 3.9 3.9 5.9#



#91
Benzo(k)fluoranthene
Concen: 147.235 ng/ul
RT: 24.572 min Scan# 3588
Delta R.T. 0.033 min
Lab File: BG058921.D
Acq: 8 Sep 2023 15:29

Tgt Ion:252 Resp: 4957237
Ion Ratio Lower Upper
252 100
253 23.1 16.6 25.0
125 3.9 3.7 5.5





#93

Benzo(a)pyrene

Concen: 151.501 ng/ul

RT: 25.489 min Scan# 31

Delta R.T. 0.050 min

Lab File: BG058921.D

Acq: 8 Sep 2023 15:29

Instrument :

BNA_G

ClientSampleId :

SSTD160405

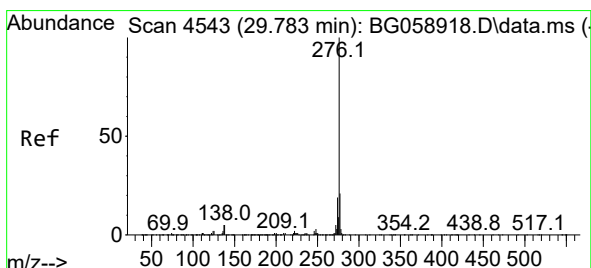
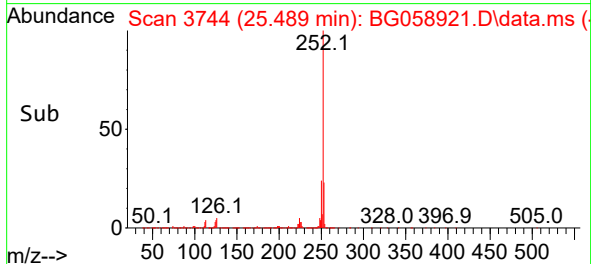
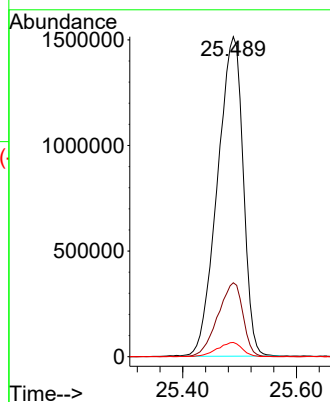
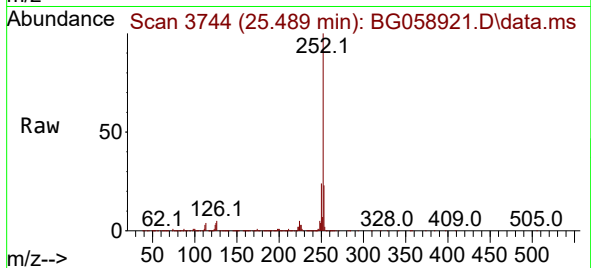
Tgt Ion:252 Resp: 4743399

Ion Ratio Lower Upper

252 100

253 23.1 16.4 24.6

125 4.4 4.3 6.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 137.585 ng/ul

RT: 29.831 min Scan# 4483

Delta R.T. 0.062 min

Lab File: BG058921.D

Acq: 8 Sep 2023 15:29

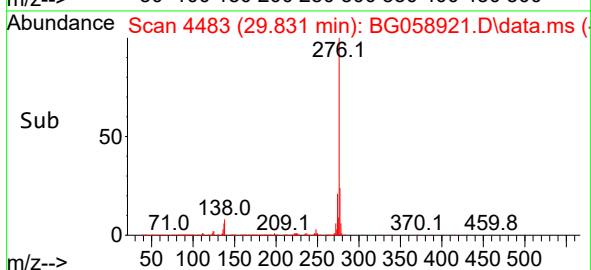
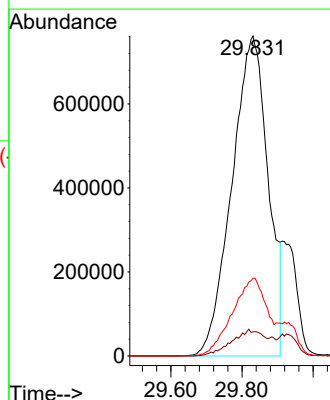
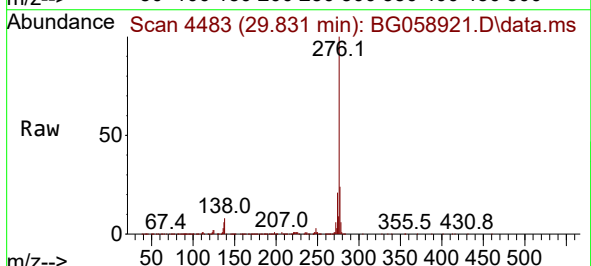
Tgt Ion:276 Resp: 5372578

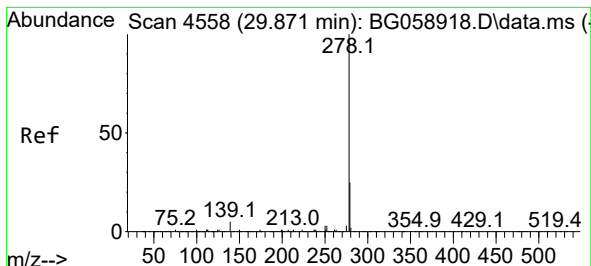
Ion Ratio Lower Upper

276 100

138 7.5 6.2 9.2

277 24.3 17.8 26.6





#95

Dibenzo(a,h)anthracene

Concen: 155.674 ng/ul

RT: 29.931 min Scan# 4

Delta R.T. 0.074 min

Lab File: BG058921.D

Acq: 8 Sep 2023 15:29

Instrument :

BNA_G

ClientSampleId :

SSTD160405

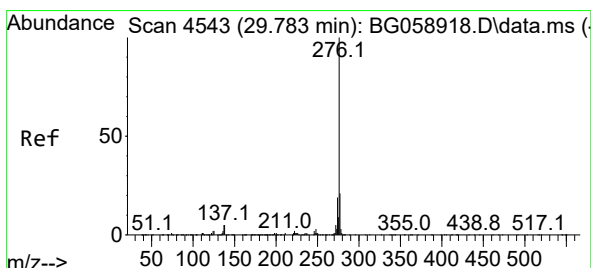
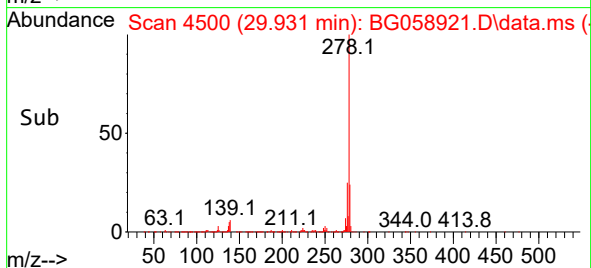
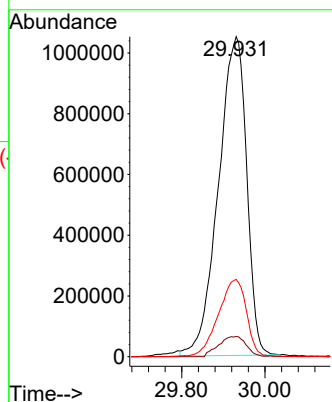
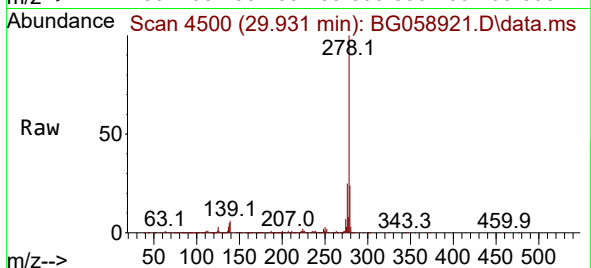
Tgt Ion:278 Resp: 4941292

Ion Ratio Lower Upper

278 100

139 6.3 5.5 8.3

279 24.2 19.5 29.3



#96

Benzo(g,h,i)perylene

Concen: 154.523 ng/ul

RT: 31.159 min Scan# 4709

Delta R.T. 0.086 min

Lab File: BG058921.D

Acq: 8 Sep 2023 15:29

Tgt Ion:276 Resp: 4796802

Ion Ratio Lower Upper

276 100

138 8.2 8.7 13.1#

277 23.1 19.7 29.5

