

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
 Data File : BG058525.D
 Acq On : 28 Jul 2023 19:41
 Operator : MA/JU
 Sample : PB154028BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154028BS

Quant Time: Jul 28 22:55:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	47729	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	202287	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	140411	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	340157	20.000	ng	0.00
76) Chrysene-d12	21.448	240	292607	20.000	ng	0.00
86) Perylene-d12	24.509	264	371296	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	475010	152.116	ng	0.00
7) Phenol-d6	6.989	99	635452	146.243	ng	0.00
23) Nitrobenzene-d5	8.981	82	388169	94.267	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	324314	140.918	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	866101	92.438	ng	0.00
79) Terphenyl-d14	19.827	244	1551149	99.689	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.270	88	56684	37.461	ng 98
3) Pyridine	3.663	79	146029	35.397	ng 99
4) n-Nitrosodimethylamine	3.581	42	80125	45.839	ng 94
6) Aniline	7.142	93	201129	37.596	ng 99
8) 2-Chlorophenol	7.382	128	163237	53.286	ng 99
9) Benzaldehyde	6.954	77	101396	42.951	ng 95
10) Phenol	7.018	94	224403	52.868	ng 96
11) bis(2-Chloroethyl)ether	7.236	93	160988	48.110	ng 98
12) 1,3-Dichlorobenzene	7.700	146	165757	50.672	ng 98
13) 1,4-Dichlorobenzene	7.847	146	167082	50.869	ng 97
14) 1,2-Dichlorobenzene	8.164	146	163710	52.132	ng 98
15) Benzyl Alcohol	8.058	79	152181	55.226	ng 98
16) 2,2'-oxybis(1-Chloropr...	8.346	45	267690m	49.247	ng
17) 2-Methylphenol	8.264	107	152743	49.216	ng 99
18) Hexachloroethane	8.892	117	61310	51.355	ng 93
19) n-Nitroso-di-n-propyla...	8.622	70	134307	47.853	ng 97
20) 3+4-Methylphenols	8.593	107	211138	50.295	ng 100
22) Acetophenone	8.640	105	257417	47.525	ng 98
24) Nitrobenzene	9.022	77	192941	46.089	ng 98
25) Isophorone	9.539	82	388074	45.612	ng 100
26) 2-Nitrophenol	9.733	139	89042	48.863	ng 98
27) 2,4-Dimethylphenol	9.791	122	155342	51.393	ng 97
28) bis(2-Chloroethoxy)met...	10.026	93	220312	47.582	ng 99
29) 2,4-Dichlorophenol	10.267	162	160066	51.002	ng 99
30) 1,2,4-Trichlorobenzene	10.479	180	173805	48.021	ng 96
31) Naphthalene	10.667	128	498580	46.764	ng 100
32) Benzoic acid	9.956	122	113332m	49.008	ng
33) 4-Chloroaniline	10.778	127	103527	22.982	ng 98
34) Hexachlorobutadiene	10.943	225	109563	47.006	ng 97
35) Caprolactam	11.560	113	59201m	51.082	ng
36) 4-Chloro-3-methylphenol	11.912	107	195570	50.375	ng 97
37) 2-Methylnaphthalene	12.283	142	346791	45.472	ng 98
38) 1-Methylnaphthalene	12.500	142	327415	45.163	ng 97
40) 1,2,4,5-Tetrachloroben...	12.653	216	193899	44.980	ng 98
41) Hexachlorocyclopentadiene	12.629	237	226392	110.254	ng 97
43) 2,4,6-Trichlorophenol	12.894	196	144483	48.730	ng 97

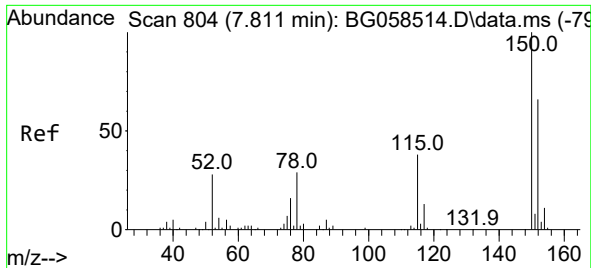
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	159194	45.584	ng	97
46) 1,1'-Biphenyl	13.293	154	447438	46.401	ng	100
47) 2-Chloronaphthalene	13.334	162	356493	47.415	ng	99
48) 2-Nitroaniline	13.546	65	139688	48.676	ng	99
49) Acenaphthylene	14.186	152	583647	46.367	ng	100
50) Dimethylphthalate	13.922	163	487838	46.262	ng	99
51) 2,6-Dinitrotoluene	14.045	165	111536	48.204	ng	99
52) Acenaphthene	14.527	154	338873	46.591	ng	98
53) 3-Nitroaniline	14.374	138	77529	33.491	ng	98
54) 2,4-Dinitrophenol	14.586	184	131094	98.587	ng	98
55) Dibenzofuran	14.862	168	575388	46.038	ng	100
56) 4-Nitrophenol	14.697	139	178880	103.272	ng	97
57) 2,4-Dinitrotoluene	14.833	165	158445	49.394	ng	95
58) Fluorene	15.508	166	458821	46.212	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.091	232	151244	50.752	ng	98
60) Diethylphthalate	15.285	149	508840	47.365	ng	99
61) 4-Chlorophenyl-phenyle...	15.502	204	254407	45.961	ng	99
62) 4-Nitroaniline	15.543	138	110319	50.306	ng	96
63) Azobenzene	15.796	77	492683	46.561	ng	100
65) 4,6-Dinitro-2-methylph...	15.602	198	99734	53.175	ng	96
66) n-Nitrosodiphenylamine	15.720	169	417911	47.204	ng	98
67) 4-Bromophenyl-phenylether	16.395	248	180175	46.700	ng	99
68) Hexachlorobenzene	16.513	284	201698	49.336	ng	99
69) Atrazine	16.672	200	178615	59.764	ng	97
70) Pentachlorophenol	16.860	266	241501	97.594	ng	96
71) Phenanthrene	17.253	178	775069	48.046	ng	99
72) Anthracene	17.341	178	788658	47.646	ng	100
73) Carbazole	17.612	167	735667	50.401	ng	99
74) Di-n-butylphthalate	18.164	149	891717	48.774	ng	99
75) Fluoranthene	19.263	202	930381	48.013	ng	100
77) Benzidine	19.451	184	280129	63.133	ng	98
78) Pyrene	19.627	202	950830	47.748	ng	99
80) Butylbenzylphthalate	20.514	149	395032	48.294	ng	99
81) Benzo(a)anthracene	21.431	228	973807	48.359	ng	99
82) 3,3'-Dichlorobenzidine	21.348	252	268623	39.454	ng	99
83) Chrysene	21.495	228	905083	46.878	ng	99
84) Bis(2-ethylhexyl)phtha...	21.331	149	576771	48.252	ng	100
85) Di-n-octyl phthalate	22.482	149	1027555	48.896	ng	100
87) Indeno(1,2,3-cd)pyrene	28.011	276	1231803	49.868	ng	# 90
88) Benzo(b)fluoranthene	23.540	252	1036330	51.461	ng	99
89) Benzo(k)fluoranthene	23.605	252	1007766	49.813	ng	99
90) Benzo(a)pyrene	24.374	252	921162	46.577	ng	98
91) Dibenzo(a,h)anthracene	28.070	278	1017531	49.819	ng	99
92) Benzo(g,h,i)perylene	29.110	276	1014886	49.554	ng	99

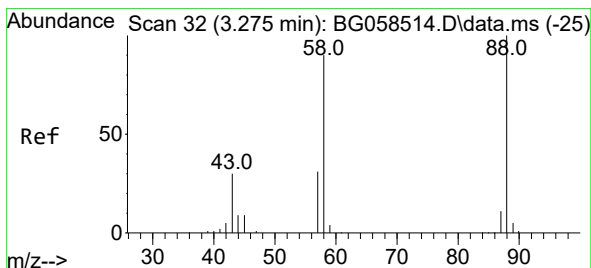
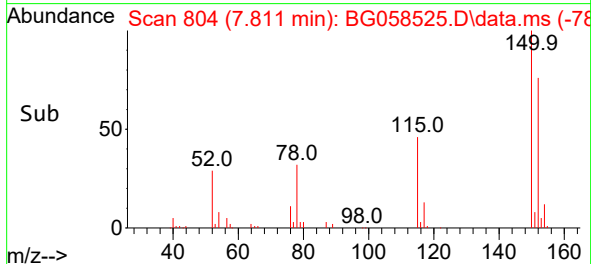
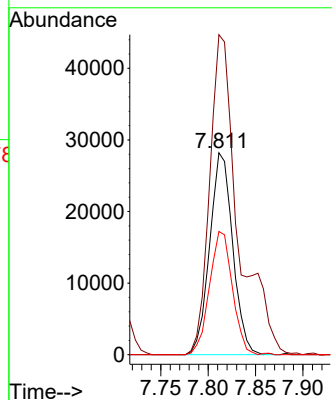
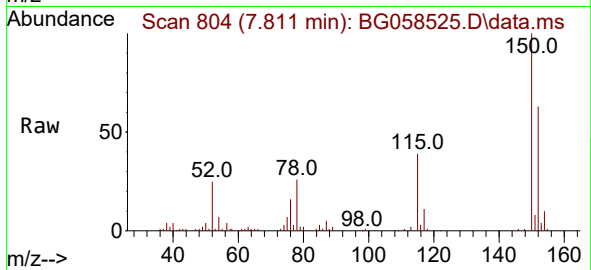
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.811 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BG058525.D
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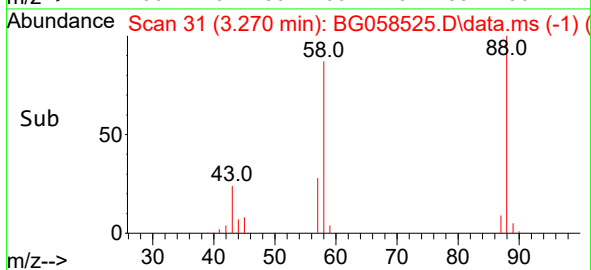
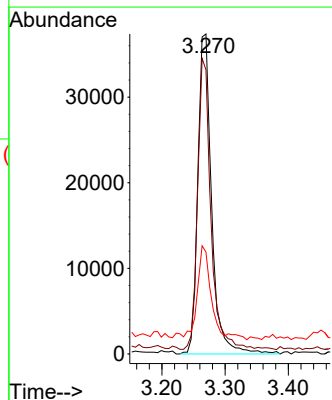
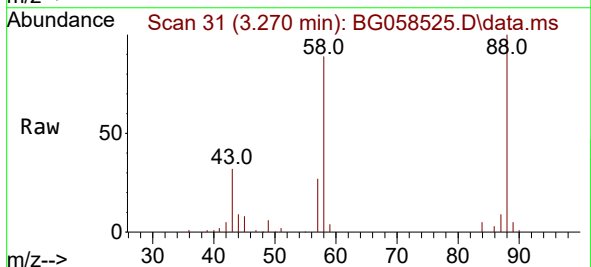
Instrument :
 BNA_G
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 PB154028BS

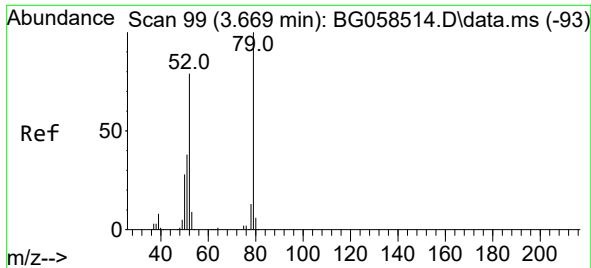
Tgt Ion:152 Resp: 47729
 Ion Ratio Lower Upper
 152 100
 150 158.5 120.5 180.7
 115 61.0 45.9 68.9



#2
 1,4-Dioxane
 Concen: 37.461 ng
 RT: 3.270 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG058525.D
 Acq: 28 Jul 2023 19:41

Tgt Ion: 88 Resp: 56684
 Ion Ratio Lower Upper
 88 100
 58 88.0 68.9 103.3
 43 27.2 22.9 34.3

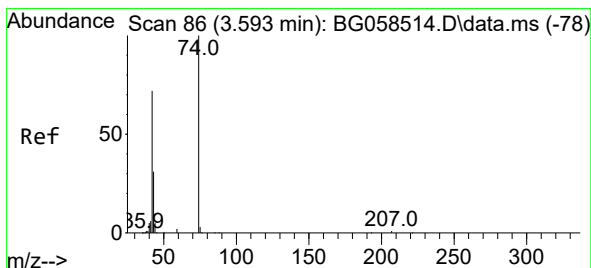
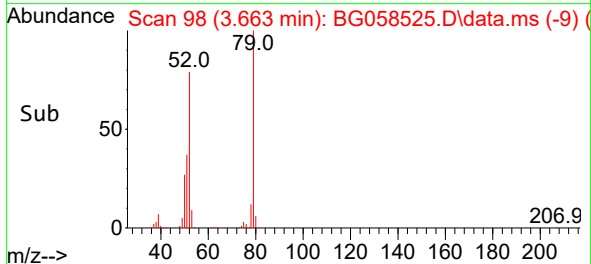
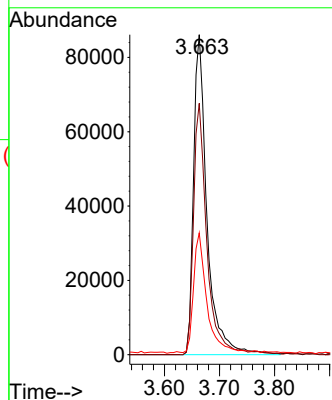
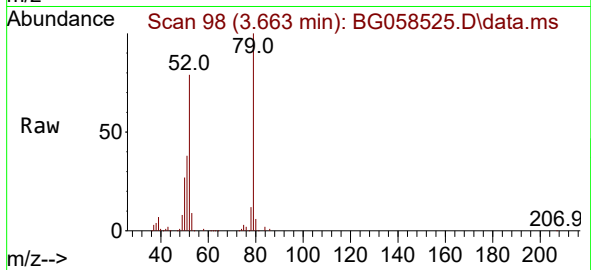




#3
 Pyridine
 Concen: 35.397 ng
 RT: 3.663 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BG058525.D
 Acq: 28 Jul 2023 19:41

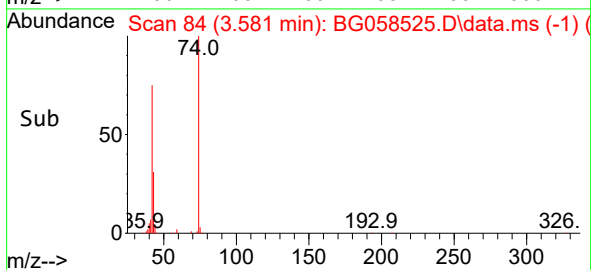
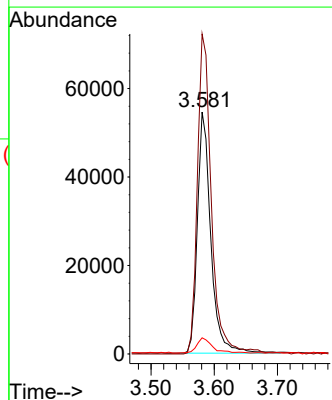
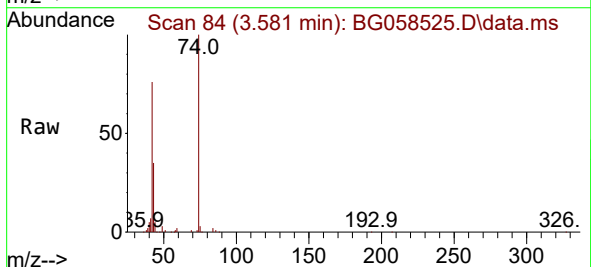
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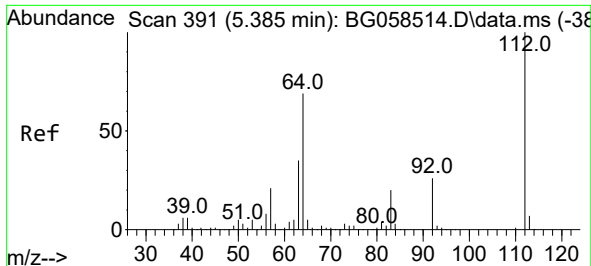
Tgt Ion: 79 Resp: 146029
 Ion Ratio Lower Upper
 79 100
 52 78.6 63.2 94.8
 51 38.0 31.9 47.9



#4
 n-Nitrosodimethylamine
 Concen: 45.839 ng
 RT: 3.581 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: BG058525.D
 Acq: 28 Jul 2023 19:41

Tgt Ion: 42 Resp: 80125
 Ion Ratio Lower Upper
 42 100
 74 132.3 111.5 167.3
 44 6.7 5.4 8.2

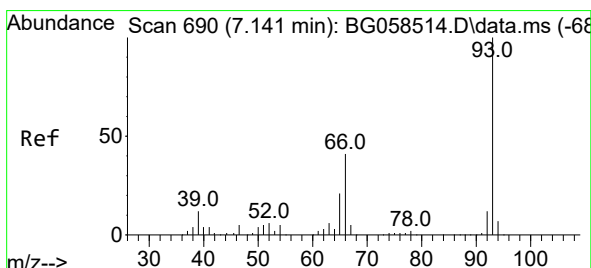
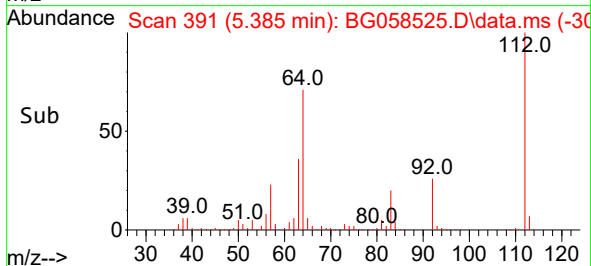
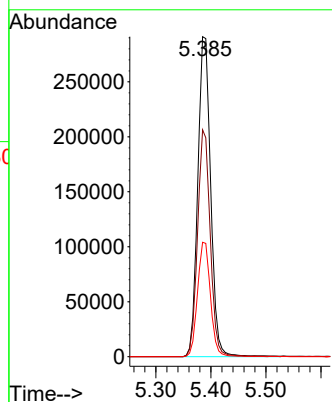
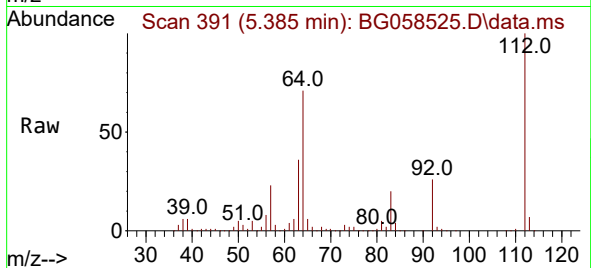




#5
2-Fluorophenol
Concen: 152.116 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

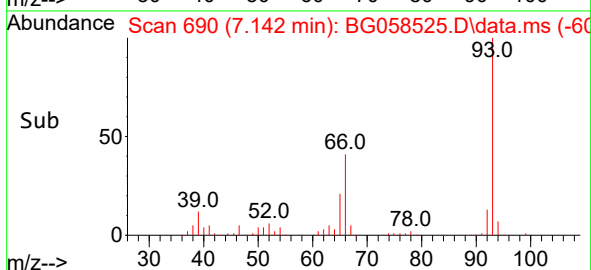
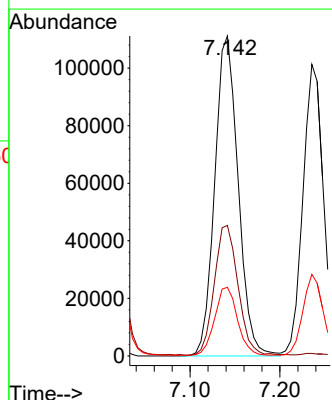
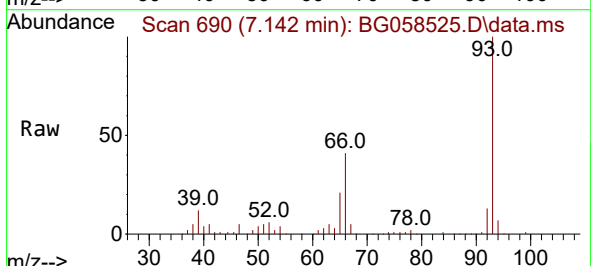
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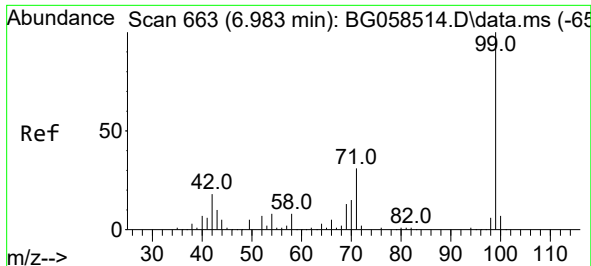
Tgt Ion:112 Resp: 475010
Ion Ratio Lower Upper
112 100
64 70.9 55.3 82.9
63 35.7 28.3 42.5



#6
Aniline
Concen: 37.596 ng
RT: 7.142 min Scan# 690
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion: 93 Resp: 201129
Ion Ratio Lower Upper
93 100
66 40.8 33.1 49.7
65 21.5 17.0 25.4

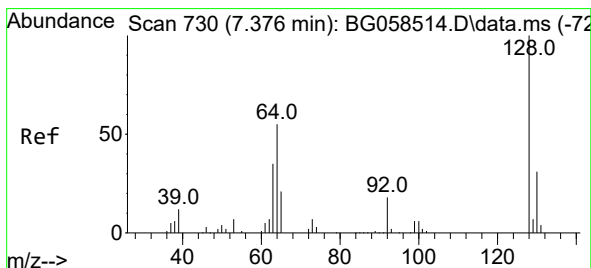
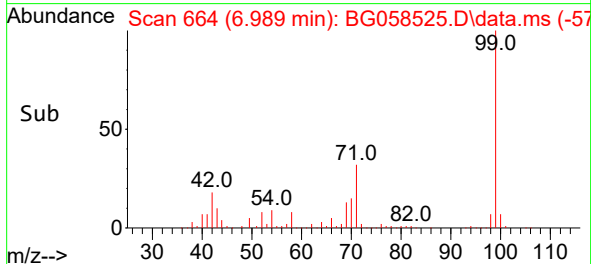
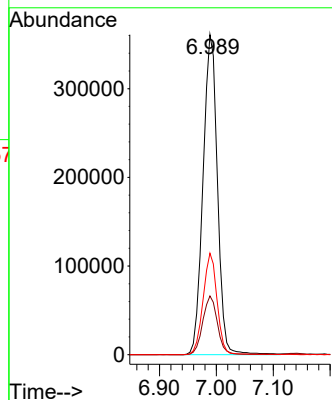
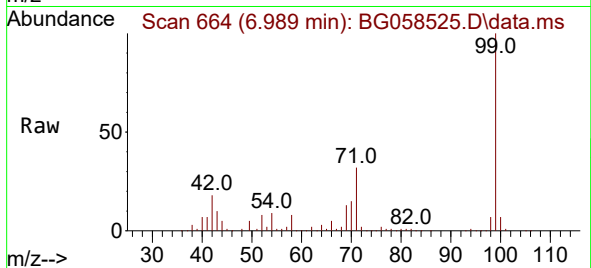




#7
Phenol-d6
Concen: 146.243 ng
RT: 6.989 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

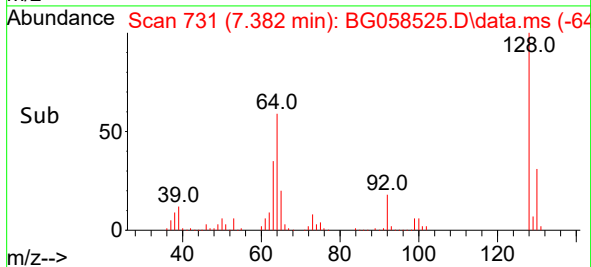
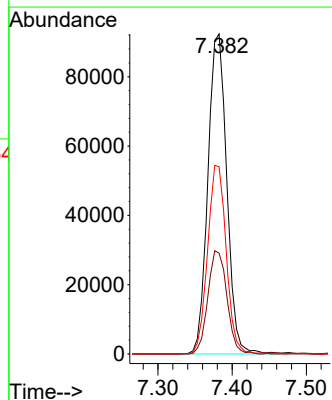
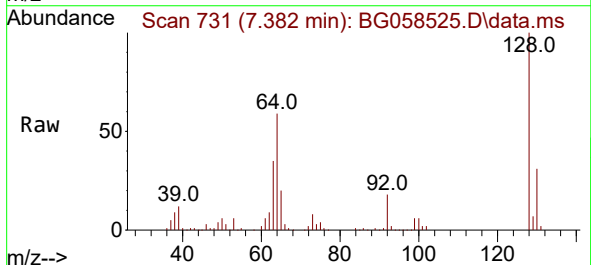
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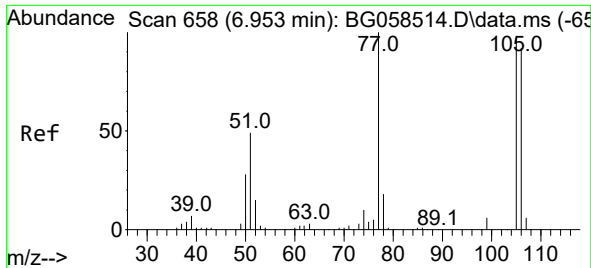
Tgt Ion: 99 Resp: 635452
Ion Ratio Lower Upper
99 100
42 18.4 14.6 21.8
71 31.7 25.0 37.4



#8
2-Chlorophenol
Concen: 53.286 ng
RT: 7.382 min Scan# 731
Delta R.T. 0.006 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:128 Resp: 163237
Ion Ratio Lower Upper
128 100
130 31.5 10.9 50.9
64 58.5 39.0 79.0

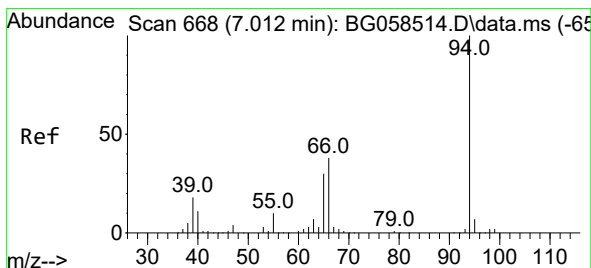
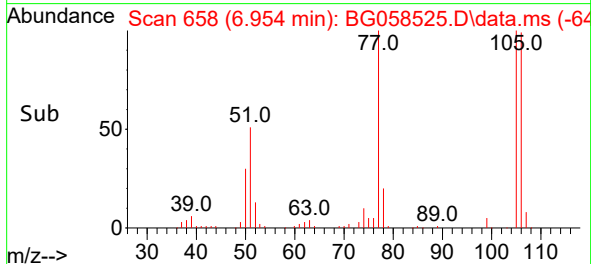
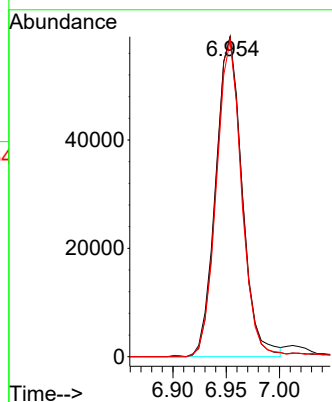
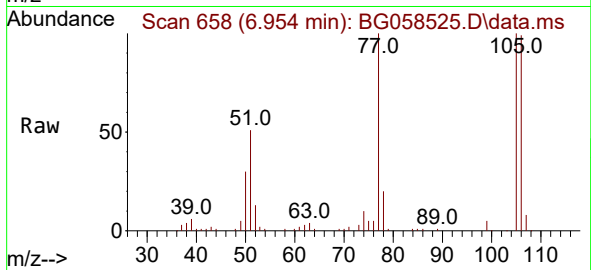




#9
Benzaldehyde
Concen: 42.951 ng
RT: 6.954 min Scan# 658
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

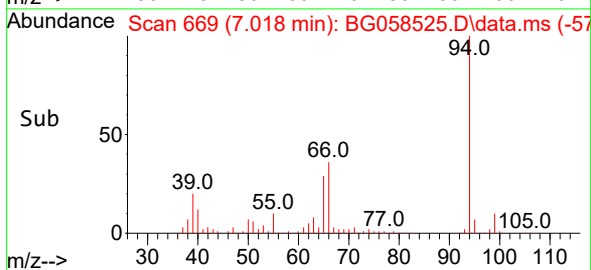
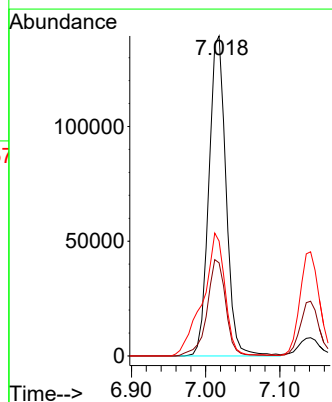
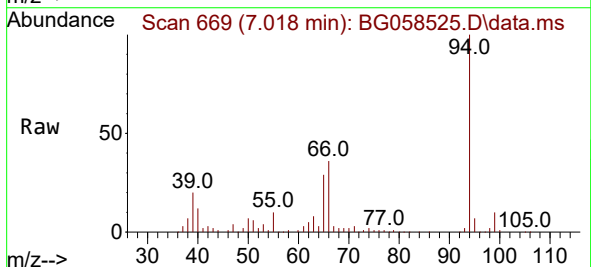
Instrument :
BNA_G
ClientSampleId :
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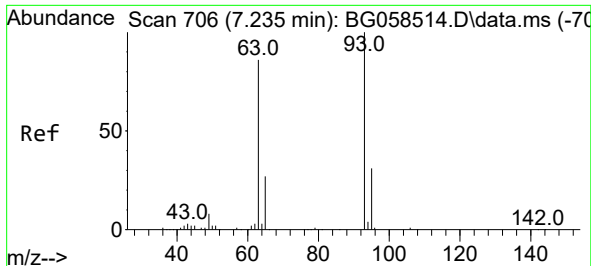
Tgt Ion: 77	Resp: 101396
Ion Ratio	Lower Upper
77 100	
105 99.9	77.1 117.1
106 98.8	71.6 111.6



#10
Phenol
Concen: 52.868 ng
RT: 7.018 min Scan# 669
Delta R.T. 0.006 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion: 94	Resp: 224403
Ion Ratio	Lower Upper
94 100	
65 29.1	10.4 50.4
66 35.9	18.7 58.7

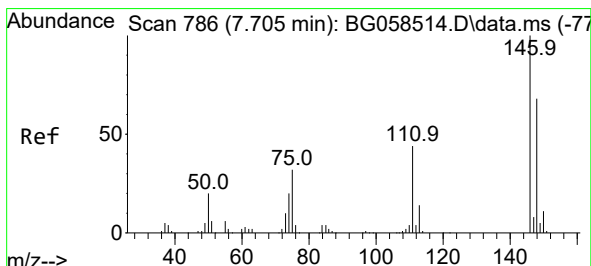
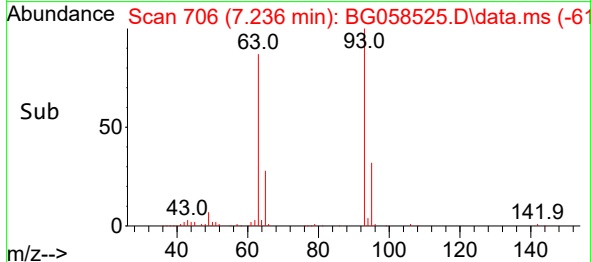
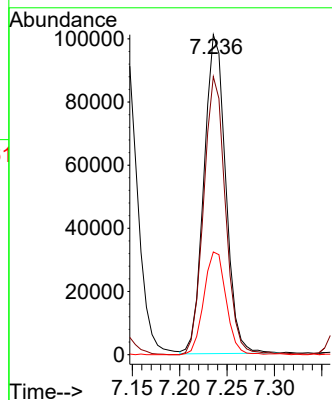
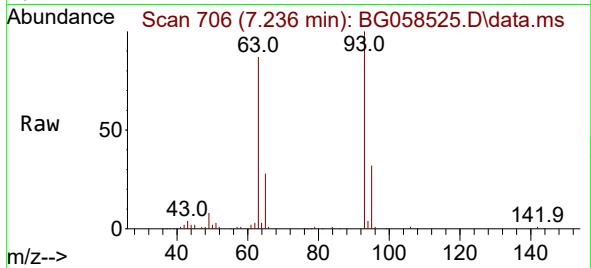




#11
bis(2-Chloroethyl)ether
Concen: 48.110 ng
RT: 7.236 min Scan# 706
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

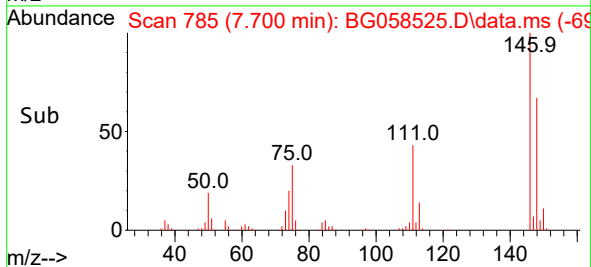
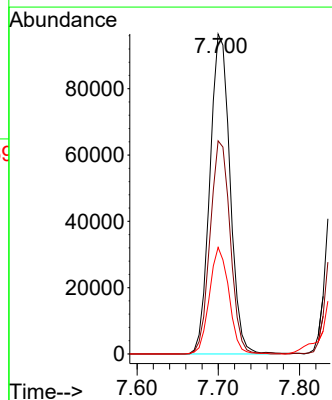
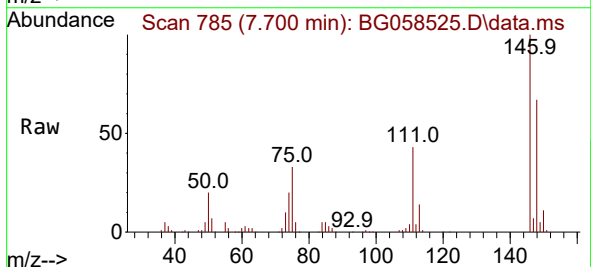
Instrument :
BNA_G
ClientSampleId :
PB154028BS

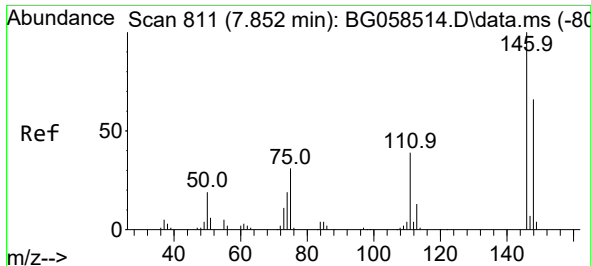
Tgt Ion: 93 Resp: 160988
Ion Ratio Lower Upper
93 100
63 86.9 65.5 105.5
95 32.1 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 50.672 ng
RT: 7.700 min Scan# 785
Delta R.T. -0.006 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:146 Resp: 165757
Ion Ratio Lower Upper
146 100
148 66.6 54.7 82.1
75 33.3 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 50.869 ng

RT: 7.847 min Scan# 811

Delta R.T. -0.006 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA_G

ClientSampleId :

PB154028BS

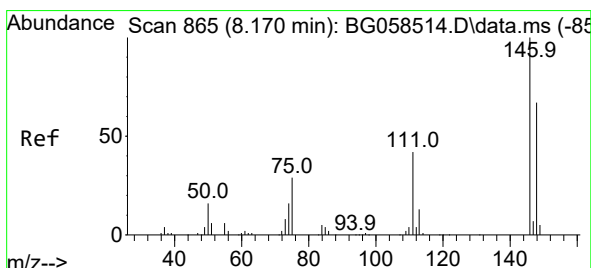
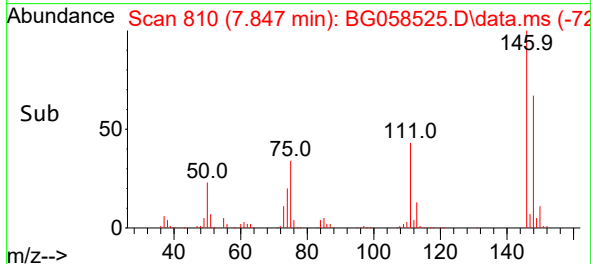
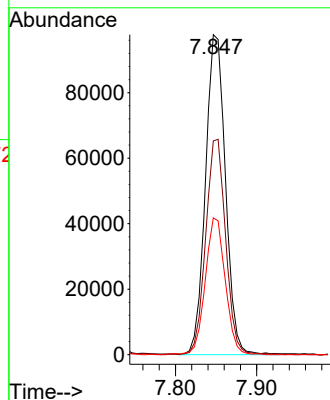
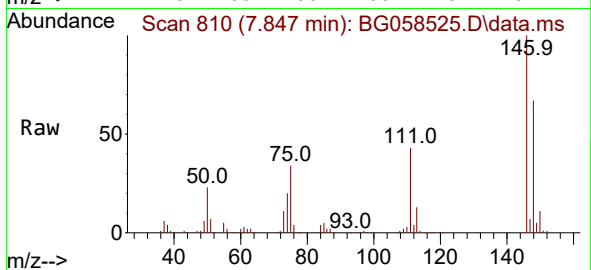
Tgt Ion:146 Resp: 167082

Ion Ratio Lower Upper

146 100

148 66.8 52.8 79.2

111 42.8 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 52.132 ng

RT: 8.164 min Scan# 864

Delta R.T. -0.006 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

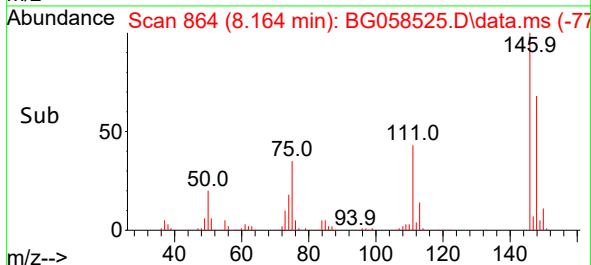
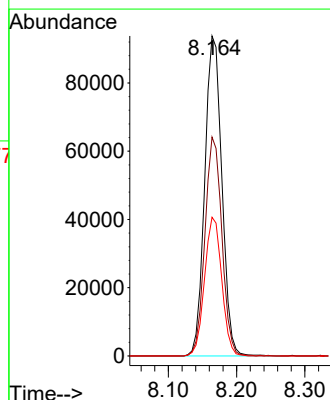
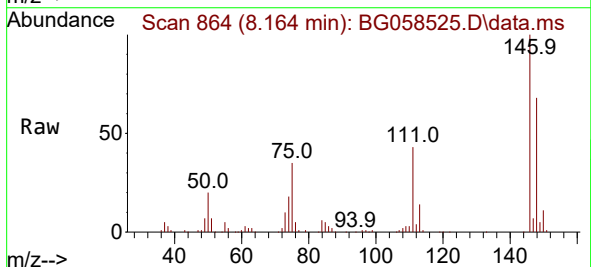
Tgt Ion:146 Resp: 163710

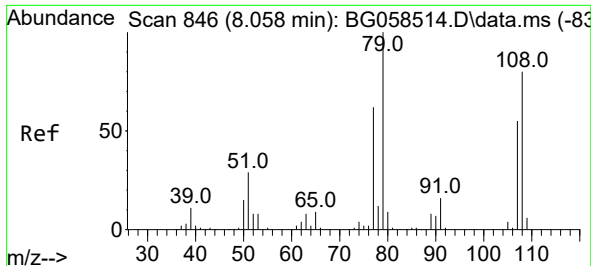
Ion Ratio Lower Upper

146 100

148 68.4 53.4 80.2

111 43.4 34.2 51.2

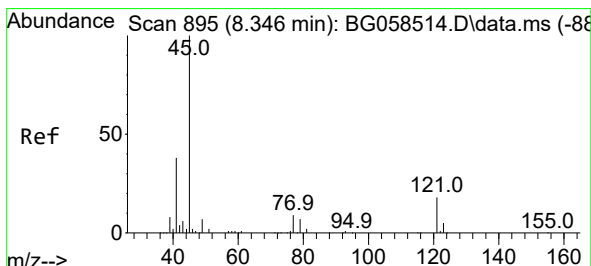
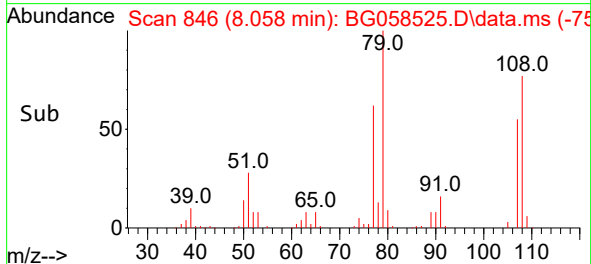
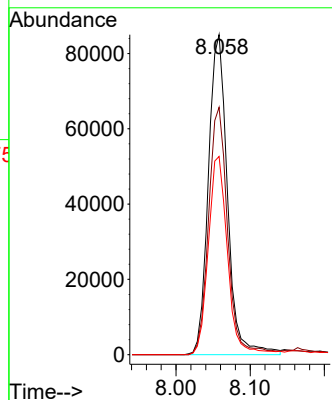
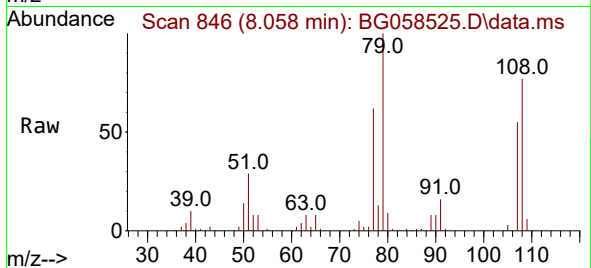




#15
Benzyl Alcohol
Concen: 55.226 ng
RT: 8.058 min Scan# 846
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

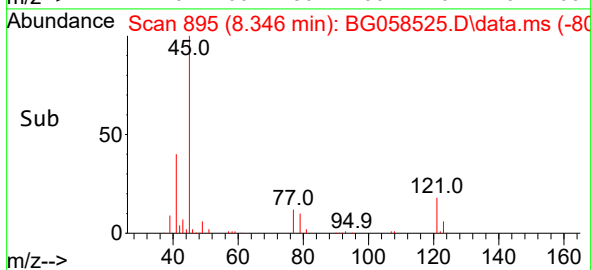
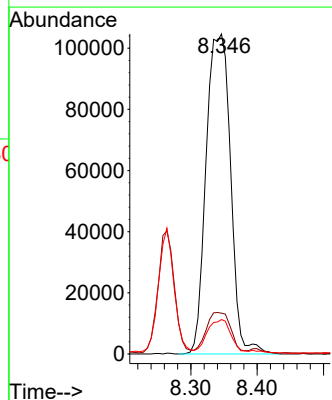
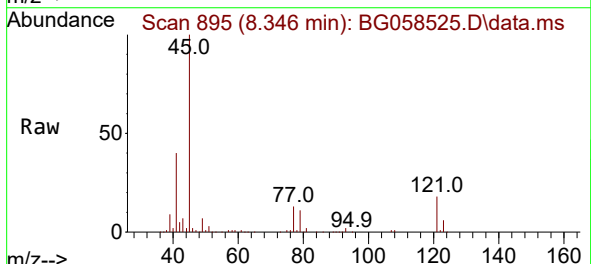
Instrument :
BNA_G
ClientSampleId :
PB154028BS

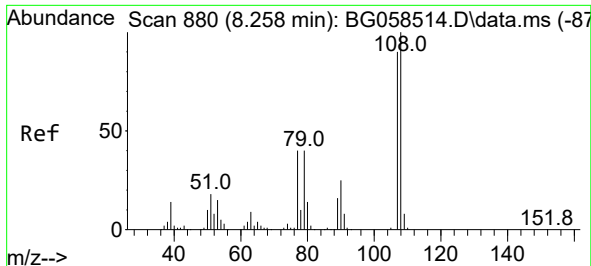
Tgt Ion: 79 Resp: 152181
Ion Ratio Lower Upper
79 100
108 77.3 63.8 95.6
77 62.0 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 49.247 ng m
RT: 8.346 min Scan# 895
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

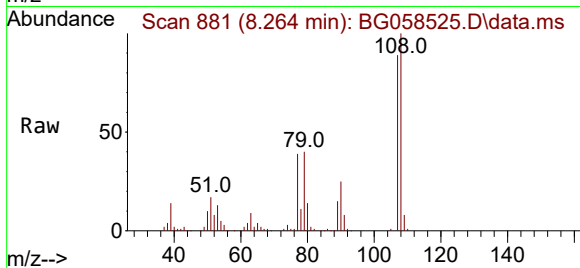
Tgt Ion: 45 Resp: 267690
Ion Ratio Lower Upper
45 100
77 12.8 0.0 32.6
79 10.7 0.0 30.2



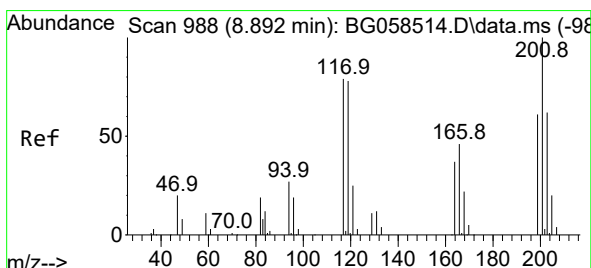
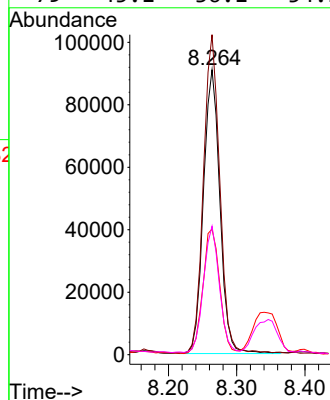
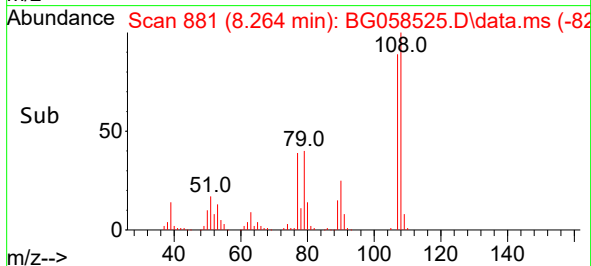


#17
2-Methylphenol
Concen: 49.216 ng
RT: 8.264 min Scan# 881
Delta R.T. 0.006 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Instrument :
BNA_G
ClientSampleId :
PB154028BS

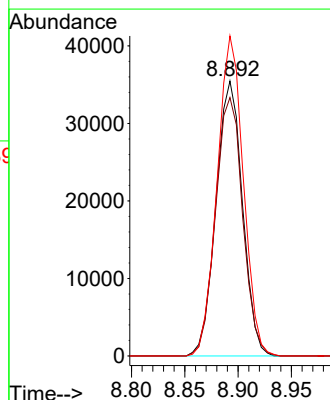
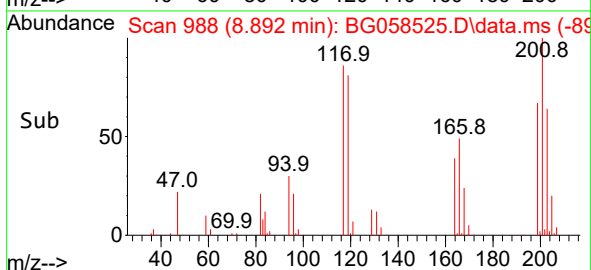
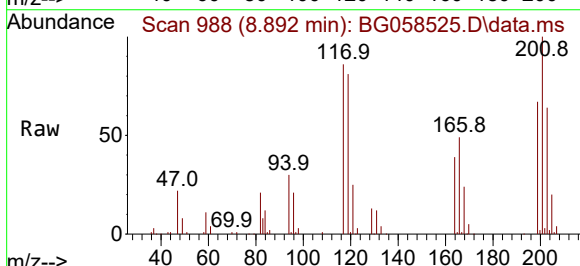


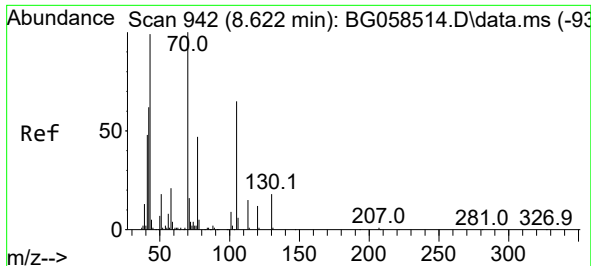
Tgt Ion:	107	Resp:	152743
Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.1	133.7
77	44.1	36.2	54.4
79	45.1	36.1	54.1



#18
Hexachloroethane
Concen: 51.355 ng
RT: 8.892 min Scan# 988
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:	117	Resp:	61310
Ion	Ratio	Lower	Upper
117	100		
119	94.0	78.6	117.8
201	116.4	101.4	152.0

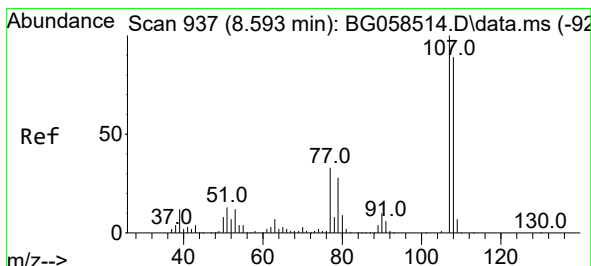
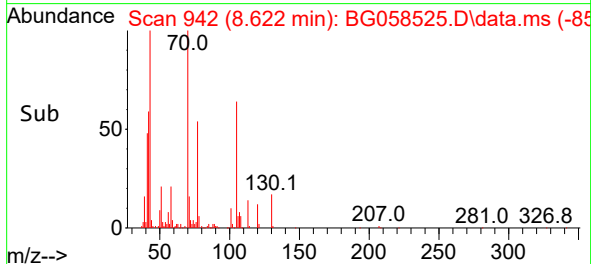
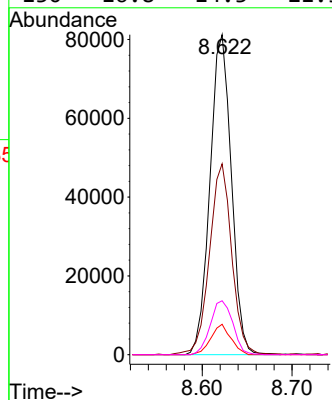
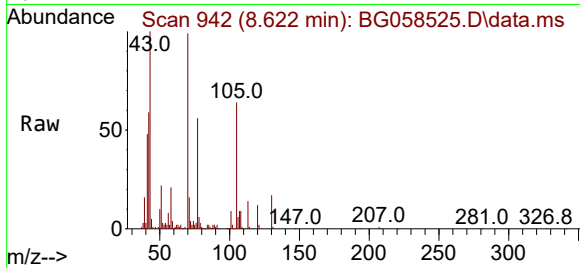




#19
n-Nitroso-di-n-propylamine
Concen: 47.853 ng
RT: 8.622 min Scan# 942
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

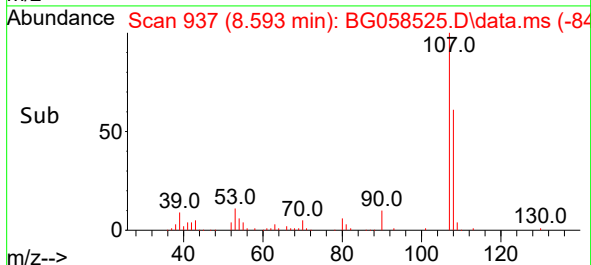
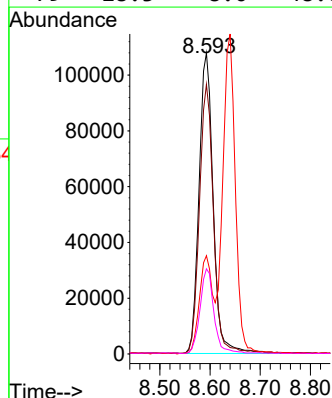
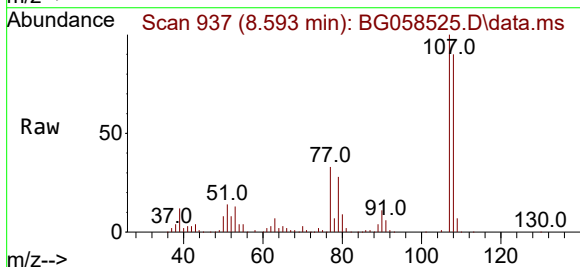
Instrument :
BNA_G
ClientSampleId :
PB154028BS

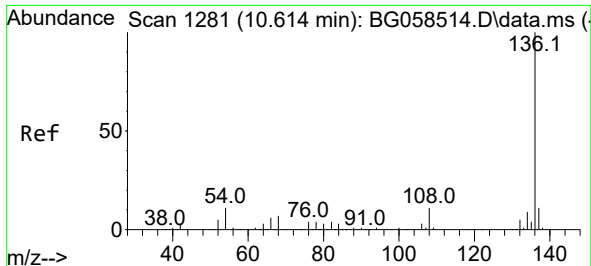
Tgt Ion: 70 Resp: 134307
Ion Ratio Lower Upper
70 100
42 59.7 49.7 74.5
101 9.5 7.0 10.4
130 16.8 14.3 21.5



#20
3+4-Methylphenols
Concen: 50.295 ng
RT: 8.593 min Scan# 937
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion: 107 Resp: 211138
Ion Ratio Lower Upper
107 100
108 89.6 69.4 109.4
77 32.6 13.0 53.0
79 28.3 8.0 48.0





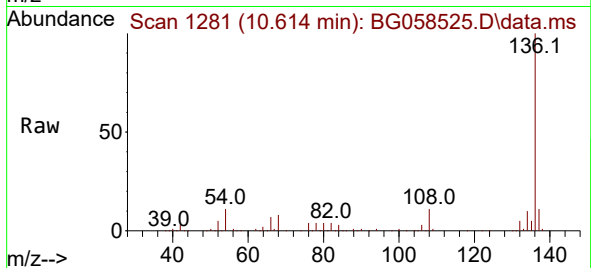
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Instrument :

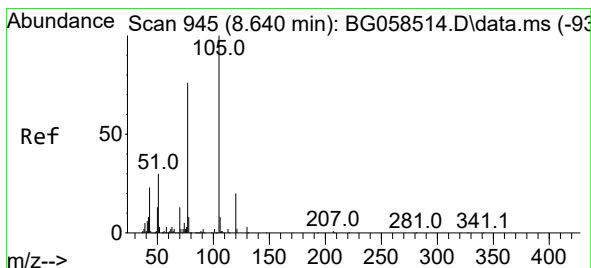
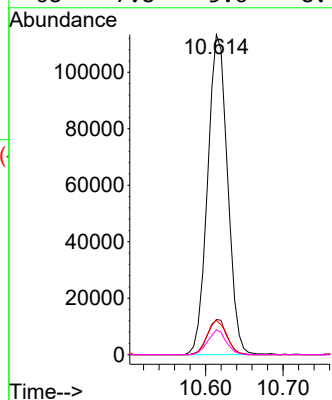
BNA_G

ClientSampleId :

PB154028BS

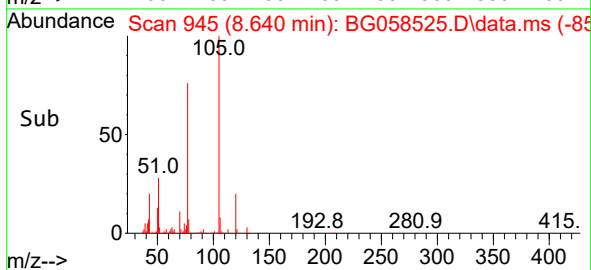
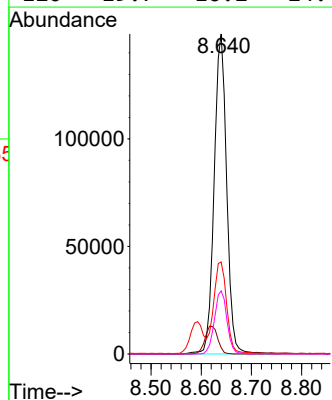
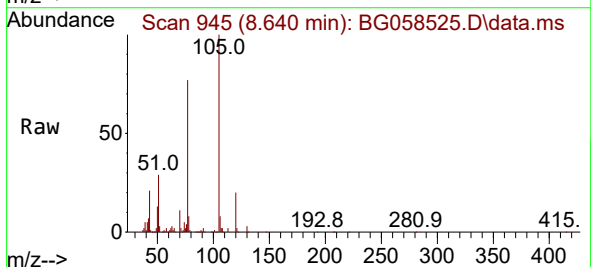


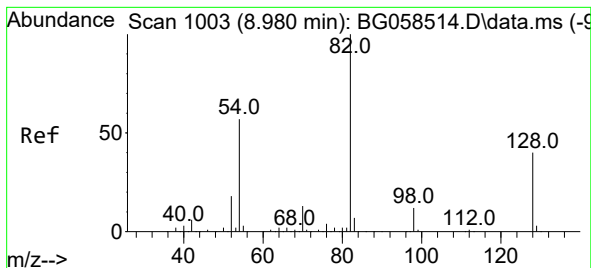
Tgt Ion:	136	Resp:	202287
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	10.7	8.9	13.3
68	7.8	5.6	8.4



#22
Acetophenone
Concen: 47.525 ng
RT: 8.640 min Scan# 945
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:	105	Resp:	257417
Ion Ratio	Lower	Upper	
105	100		
71	2.0	1.8	2.6
51	28.8	24.2	36.2
120	19.7	16.2	24.4





#23

Nitrobenzene-d5

Concen: 94.267 ng

RT: 8.981 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA_G

ClientSampleId :

PB154028BS

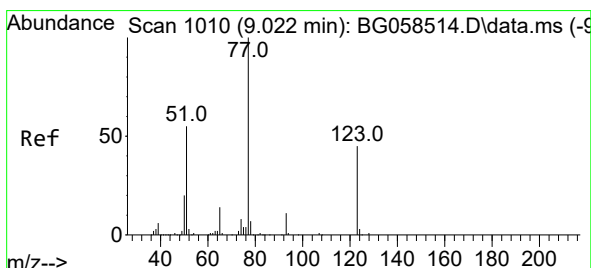
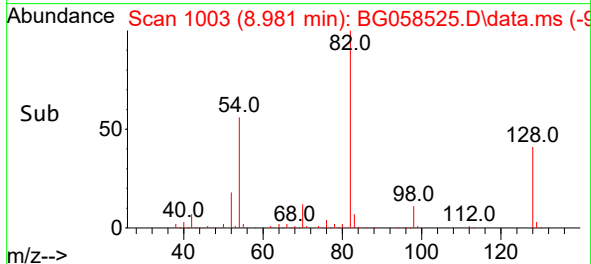
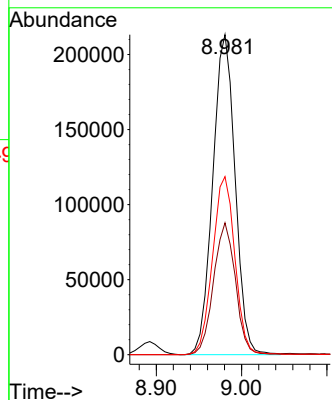
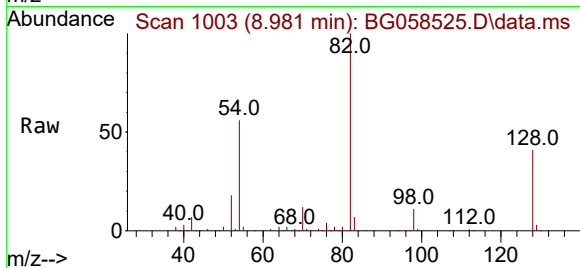
Tgt Ion: 82 Resp: 388169

Ion Ratio Lower Upper

82 100

128 41.2 32.2 48.2

54 55.7 46.0 69.0



#24

Nitrobenzene

Concen: 46.089 ng

RT: 9.022 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

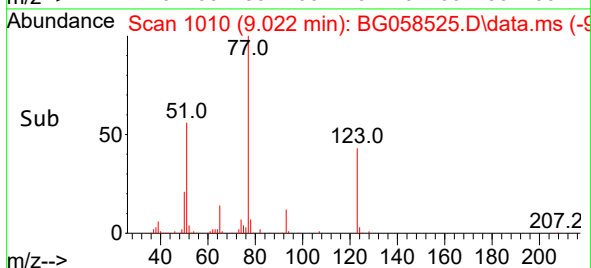
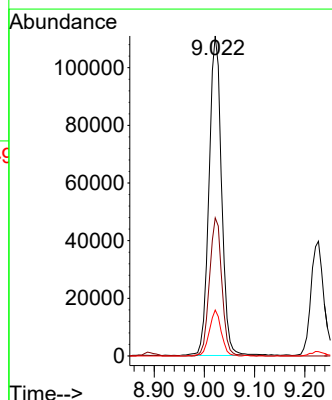
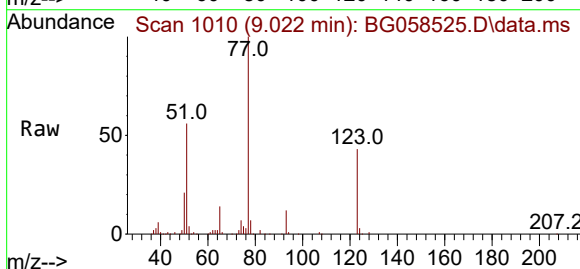
Tgt Ion: 77 Resp: 192941

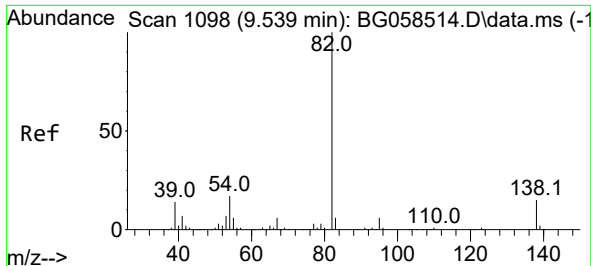
Ion Ratio Lower Upper

77 100

123 43.2 35.6 53.4

65 14.3 11.4 17.0

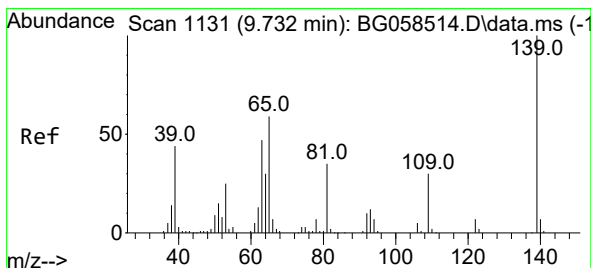
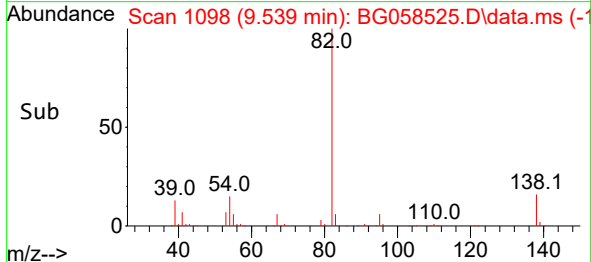
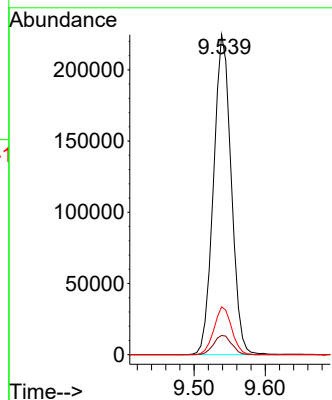
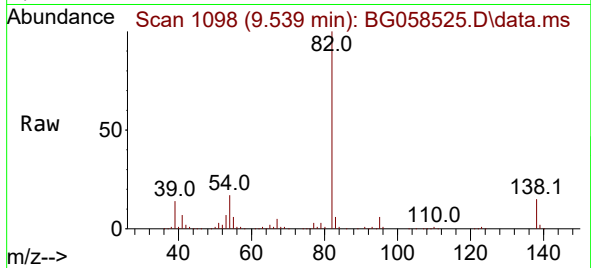




#25
Isophorone
Concen: 45.612 ng
RT: 9.539 min Scan# 1098
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

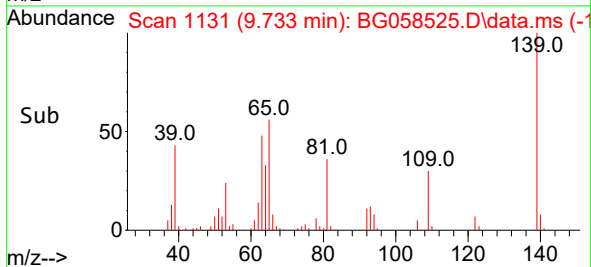
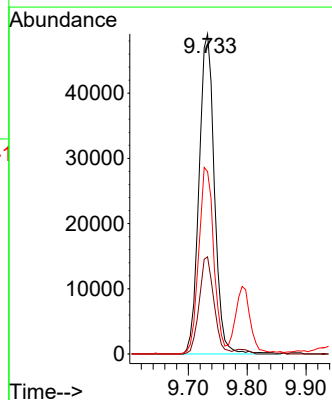
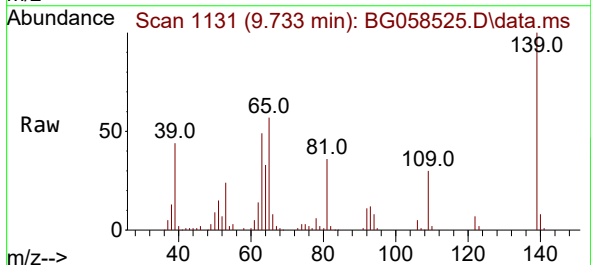
Instrument :
BNA_G
ClientSampleId :
PB154028BS

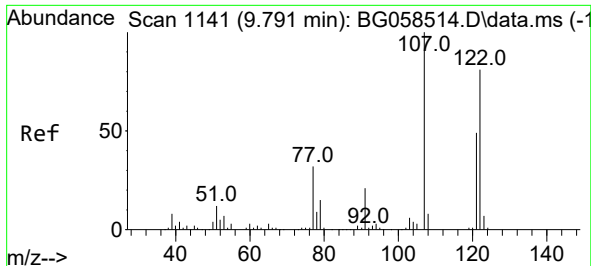
Tgt Ion: 82 Resp: 388074
Ion Ratio Lower Upper
82 100
95 6.0 5.1 7.7
138 14.9 11.9 17.9



#26
2-Nitrophenol
Concen: 48.863 ng
RT: 9.733 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:139 Resp: 89042
Ion Ratio Lower Upper
139 100
109 30.4 24.2 36.2
65 57.0 47.0 70.4

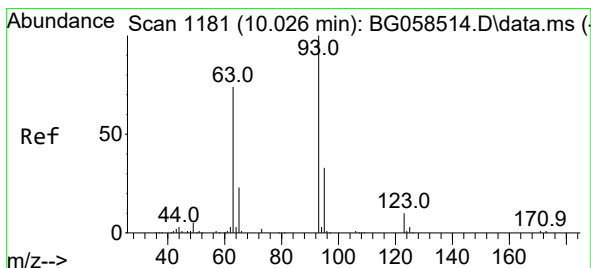
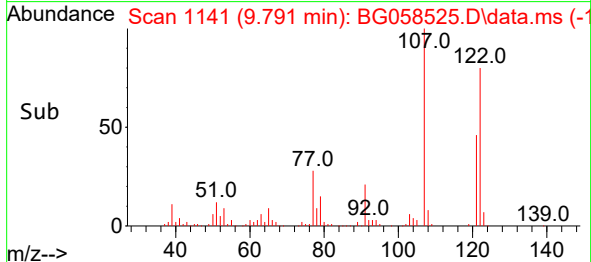
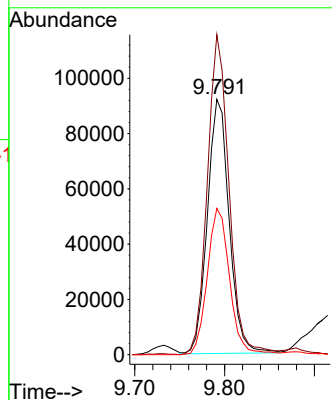
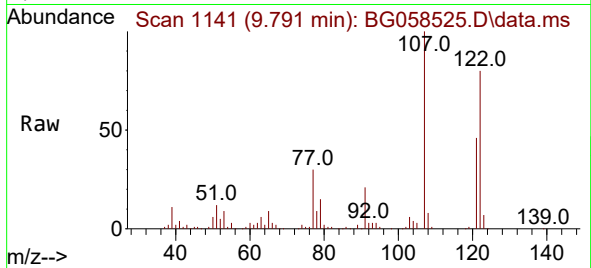




#27
2,4-Dimethylphenol
Concen: 51.393 ng
RT: 9.791 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

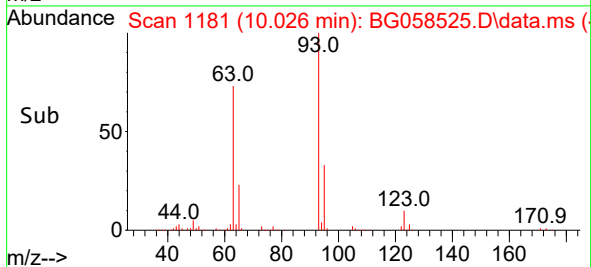
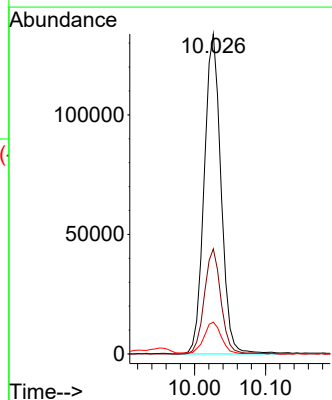
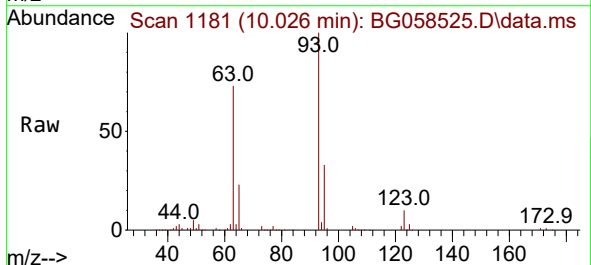
Instrument :
BNA_G
ClientSampleId :
PB154028BS

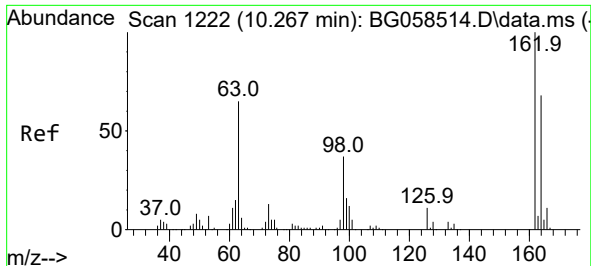
Tgt Ion:122 Resp: 155342
Ion Ratio Lower Upper
122 100
107 125.3 98.0 147.0
121 57.3 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 47.582 ng
RT: 10.026 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion: 93 Resp: 220312
Ion Ratio Lower Upper
93 100
95 32.9 26.0 39.0
123 10.0 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 51.002 ng

RT: 10.267 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA_G

ClientSampleId :

PB154028BS

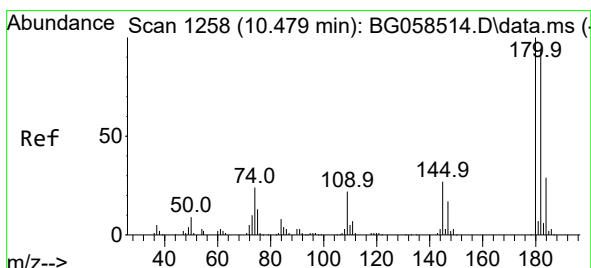
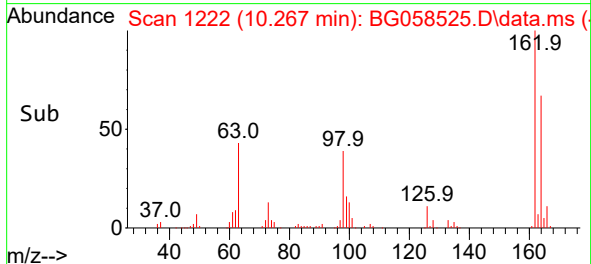
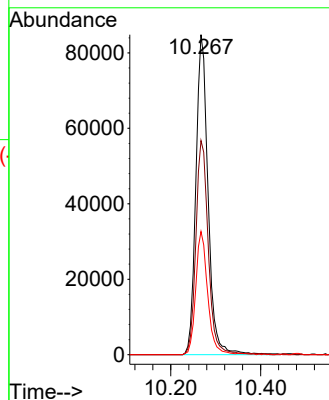
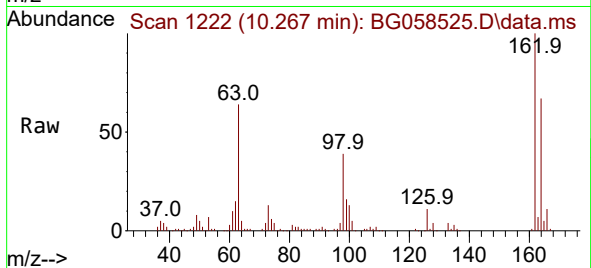
Tgt Ion:162 Resp: 160066

Ion Ratio Lower Upper

162 100

164 66.9 47.6 87.6

98 38.5 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 48.021 ng

RT: 10.479 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

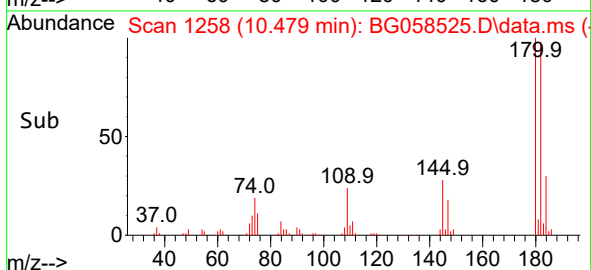
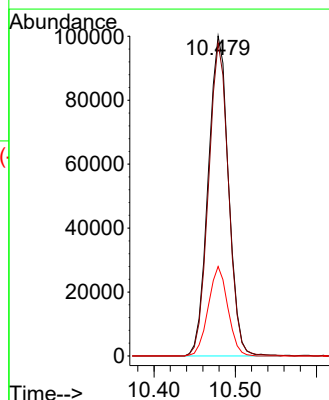
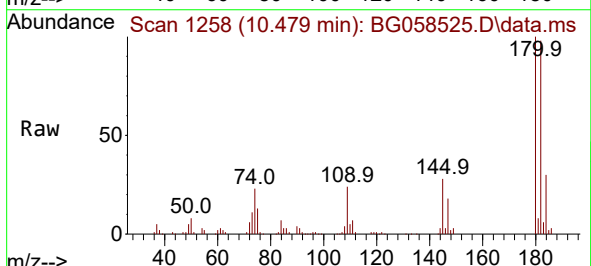
Tgt Ion:180 Resp: 173805

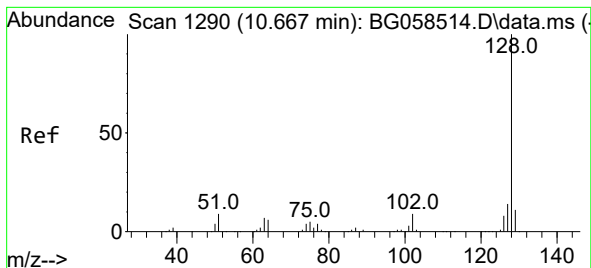
Ion Ratio Lower Upper

180 100

182 97.9 75.0 112.4

145 27.9 21.9 32.9

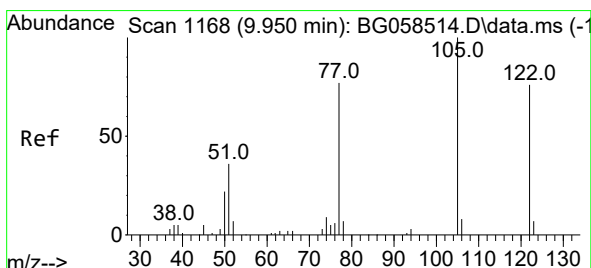
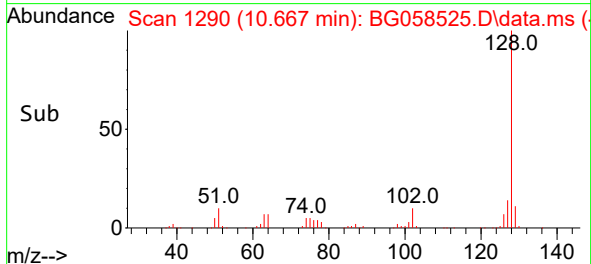
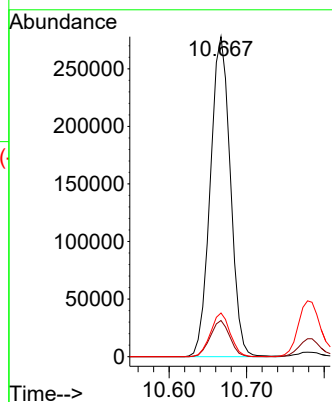
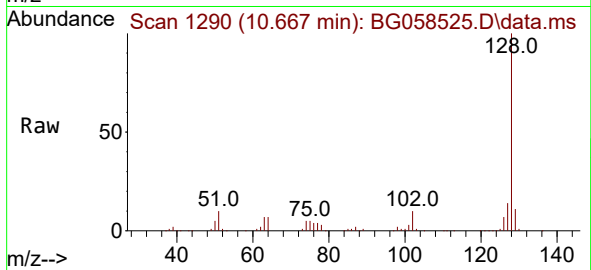




#31
Naphthalene
Concen: 46.764 ng
RT: 10.667 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

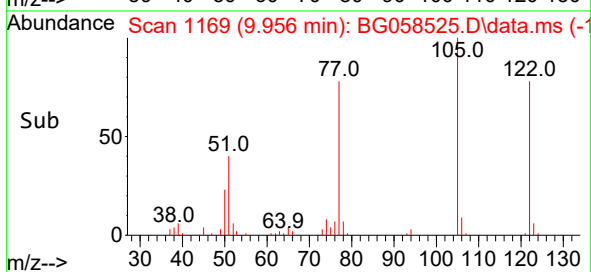
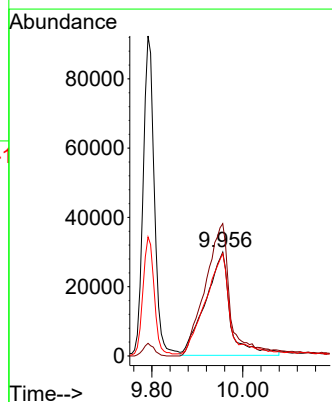
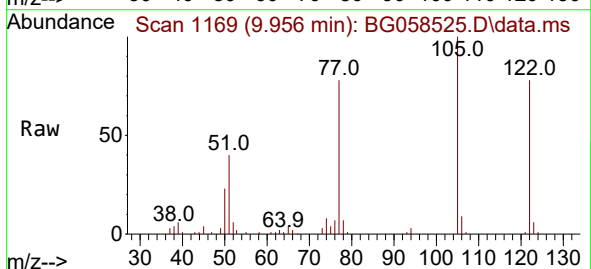
Instrument :
BNA_G
ClientSampleId :
PB154028BS

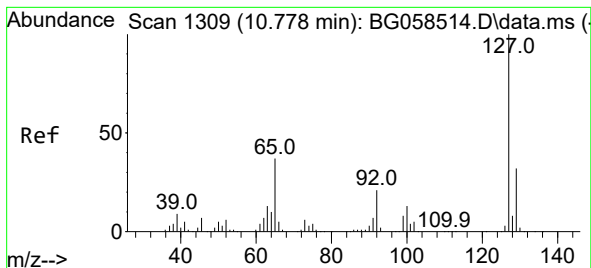
Tgt Ion:128 Resp: 498580
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 49.008 ng m
RT: 9.956 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:122 Resp: 113332
Ion Ratio Lower Upper
122 100
105 127.5 106.5 146.5
77 98.8 78.1 118.1

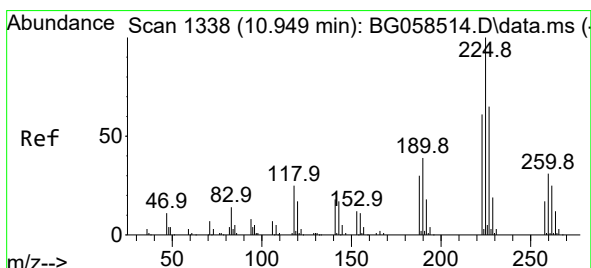
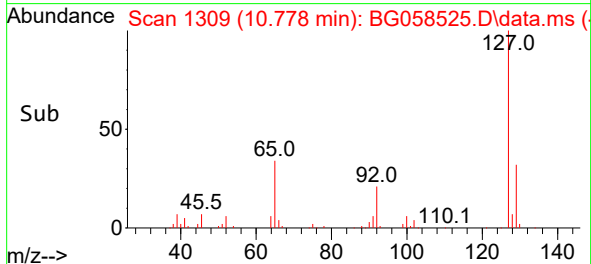
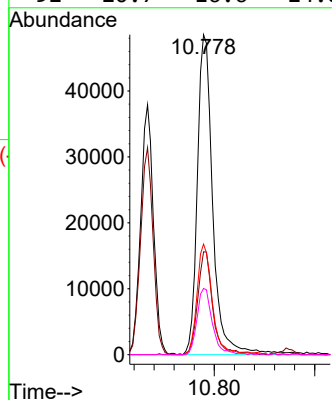
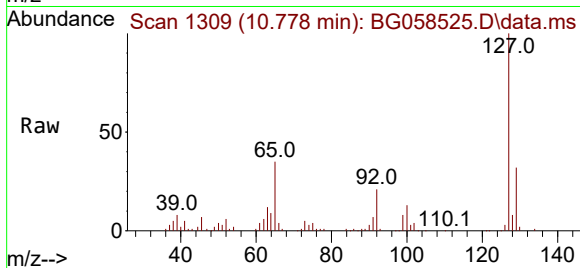




#33
4-Chloroaniline
Concen: 22.982 ng
RT: 10.778 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

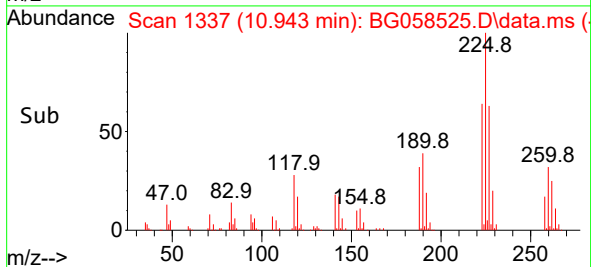
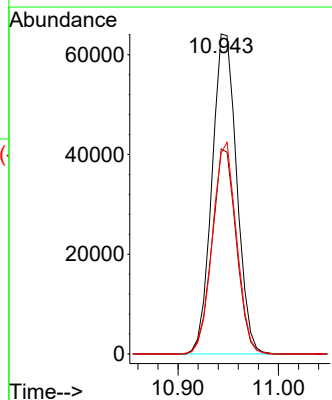
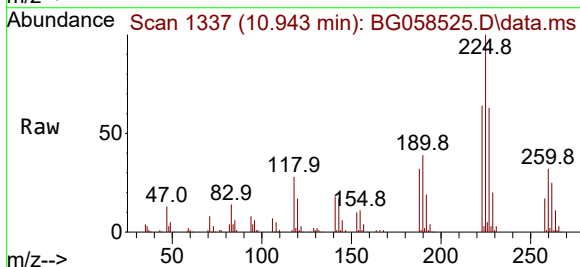
Instrument :
BNA_G
ClientSampleId :
PB154028BS

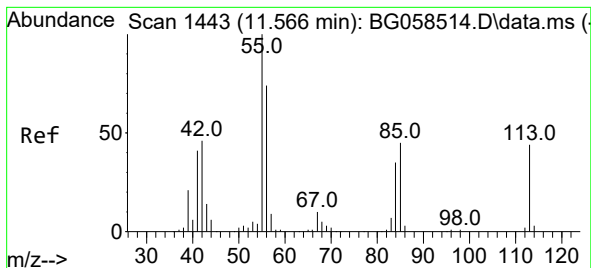
Tgt Ion:	127	Resp:	103527
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.4	38.2
65	34.6	29.5	44.3
92	20.7	16.6	24.8



#34
Hexachlorobutadiene
Concen: 47.006 ng
RT: 10.943 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:	225	Resp:	109563
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.0	73.6
227	62.8	51.7	77.5

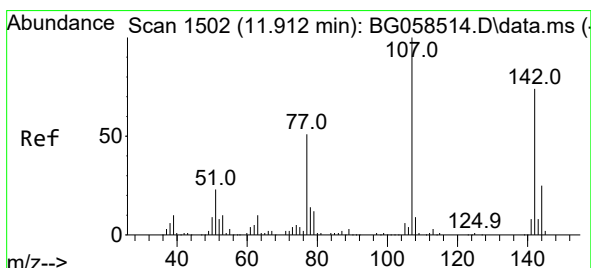
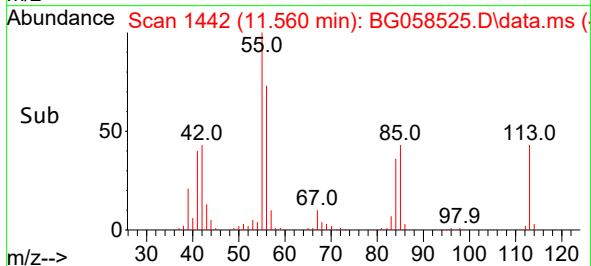
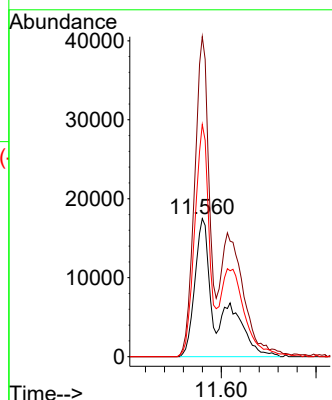
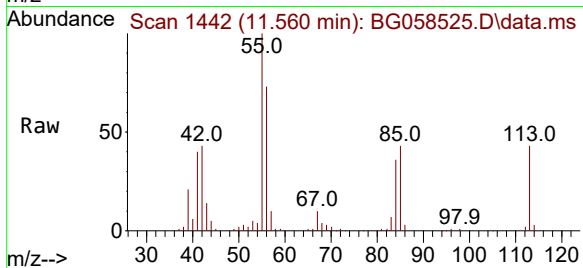




#35
 Caprolactam
 Concen: 51.082 ng m
 RT: 11.560 min Scan# 14
 Delta R.T. -0.006 min
 Lab File: BG058525.D
 Acq: 28 Jul 2023 19:41

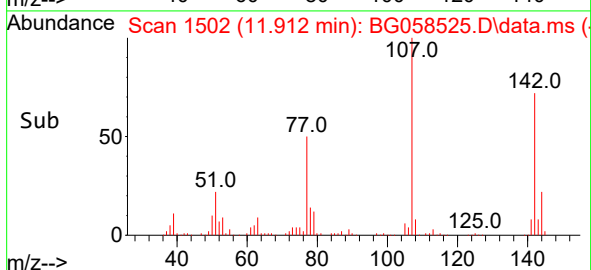
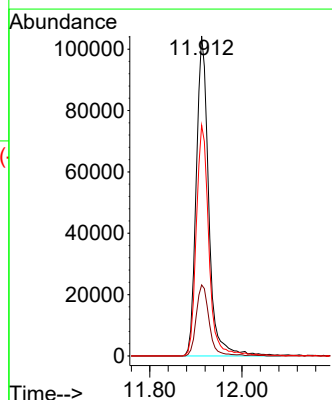
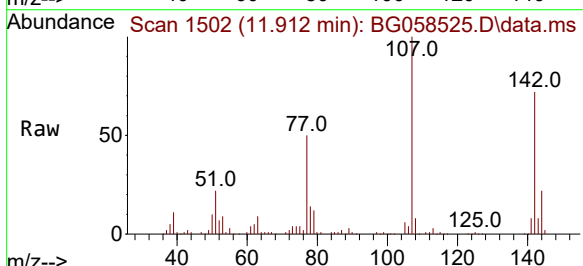
Instrument :
 BNA_G
 ClientSampleId :
 PB154028BS

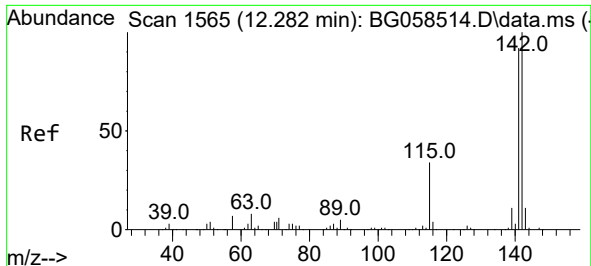
Tgt Ion:113 Resp: 59201
 Ion Ratio Lower Upper
 113 100
 55 231.7 208.0 248.0
 56 168.1 148.6 188.6



#36
 4-Chloro-3-methylphenol
 Concen: 50.375 ng
 RT: 11.912 min Scan# 1502
 Delta R.T. 0.000 min
 Lab File: BG058525.D
 Acq: 28 Jul 2023 19:41

Tgt Ion:107 Resp: 195570
 Ion Ratio Lower Upper
 107 100
 144 22.2 19.6 29.4
 142 72.1 59.3 88.9





#37

2-Methylnaphthalene

Concen: 45.472 ng

RT: 12.283 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA_G

ClientSampleId :

PB154028BS

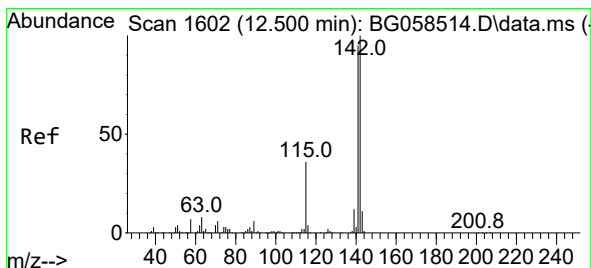
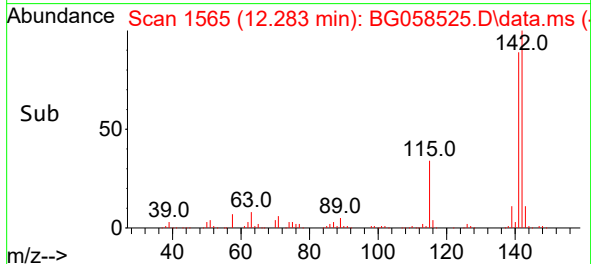
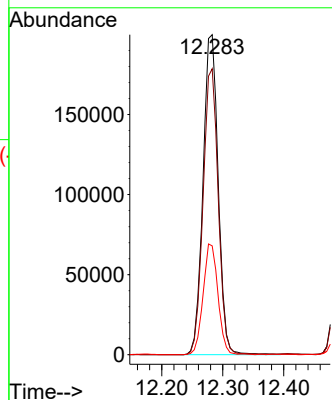
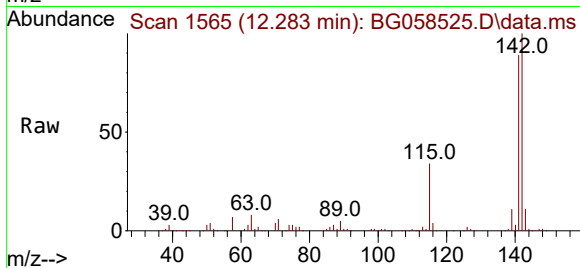
Tgt Ion:142 Resp: 346791

Ion Ratio Lower Upper

142 100

141 89.3 73.5 110.3

115 34.0 27.4 41.0



#38

1-Methylnaphthalene

Concen: 45.163 ng

RT: 12.500 min Scan# 1602

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

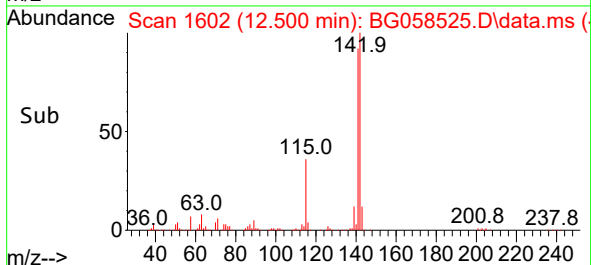
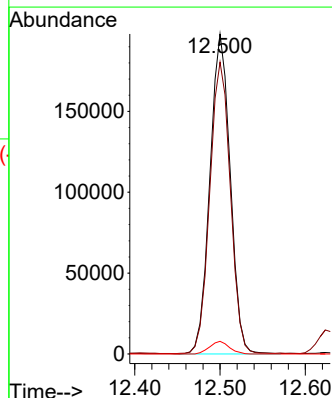
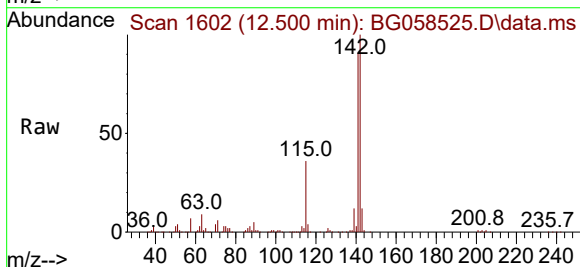
Tgt Ion:142 Resp: 327415

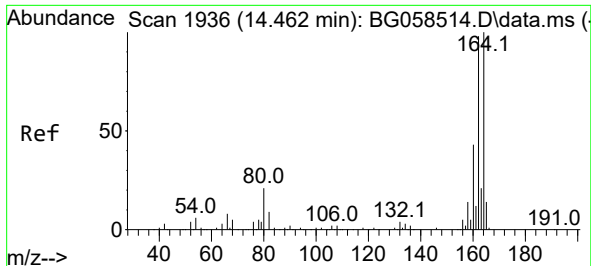
Ion Ratio Lower Upper

142 100

141 91.2 75.7 113.5

116 4.0 3.2 4.8

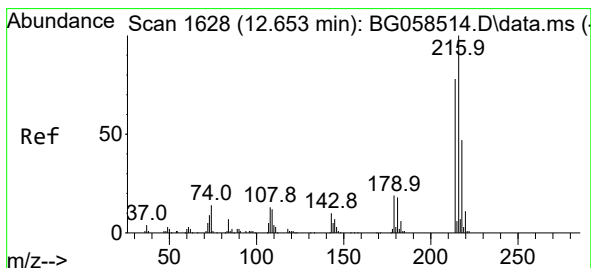
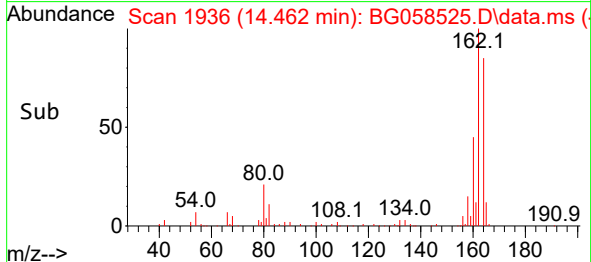
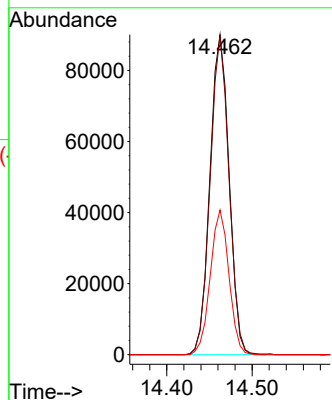
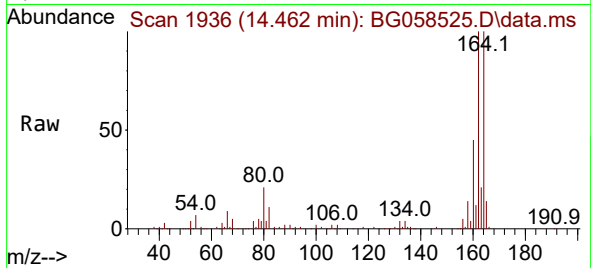




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

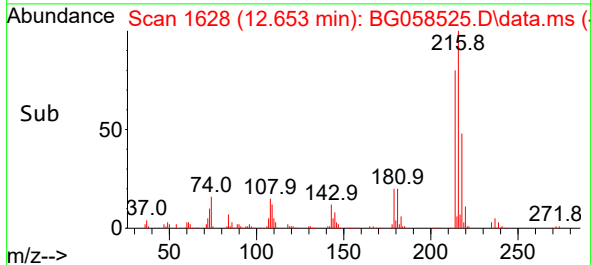
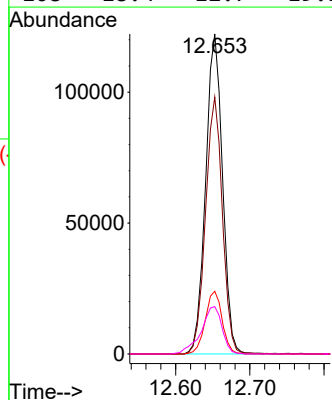
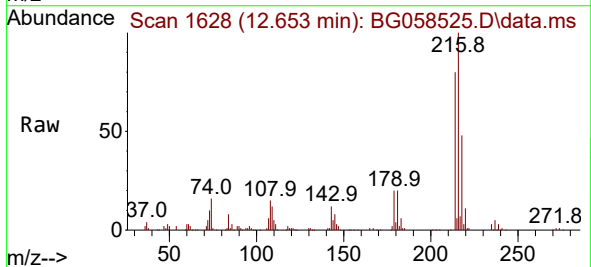
Instrument :
BNA_G
ClientSampleId :
PB154028BS

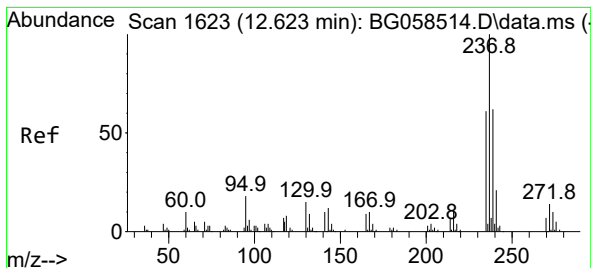
Tgt Ion:164 Resp: 140411
Ion Ratio Lower Upper
164 100
162 99.9 78.3 117.5
160 45.2 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.980 ng
RT: 12.653 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:216 Resp: 193899
Ion Ratio Lower Upper
216 100
214 80.0 63.1 94.7
179 19.6 15.6 23.4
108 18.4 12.7 19.1

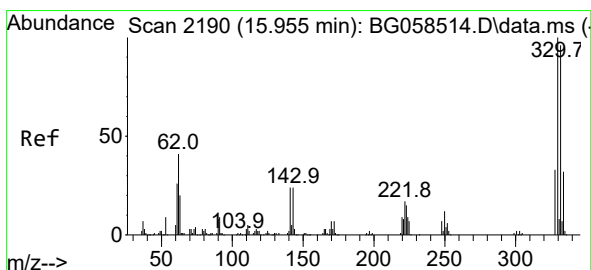
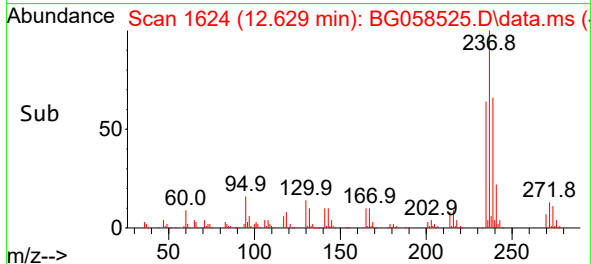
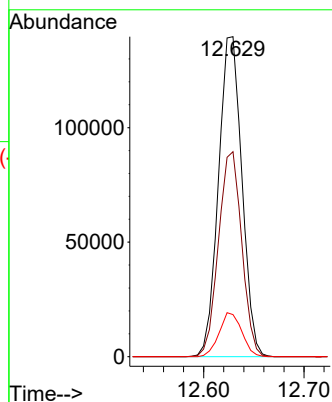
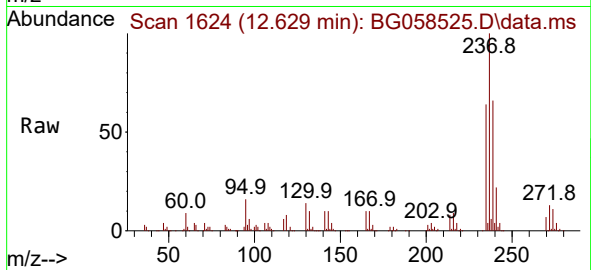




#41
Hexachlorocyclopentadiene
Concen: 110.254 ng
RT: 12.629 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

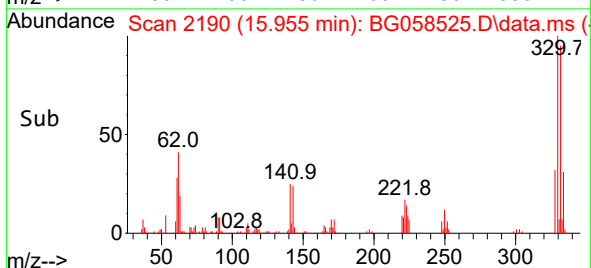
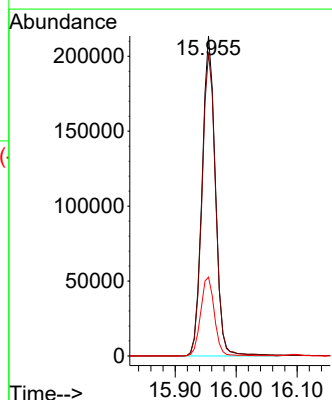
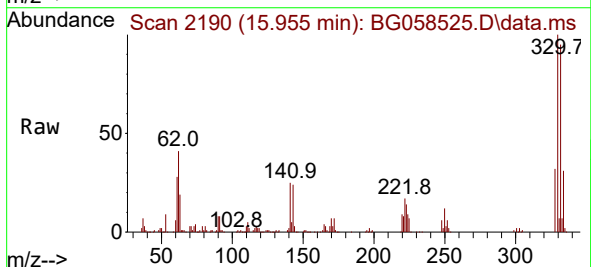
Instrument :
BNA_G
ClientSampleId :
PB154028BS

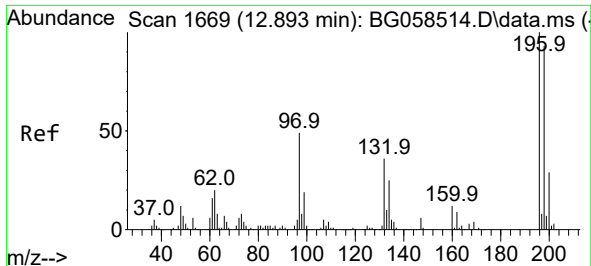
Tgt Ion:237 Resp: 226392
Ion Ratio Lower Upper
237 100
235 64.0 41.0 81.0
272 13.2 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 140.918 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:330 Resp: 324314
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 25.5 20.7 31.1

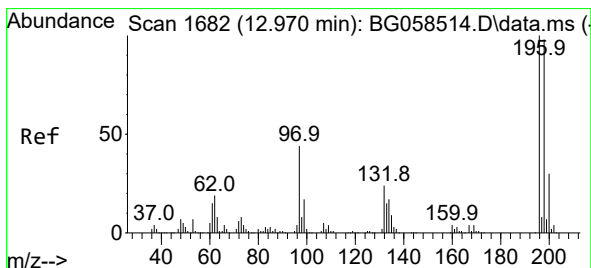
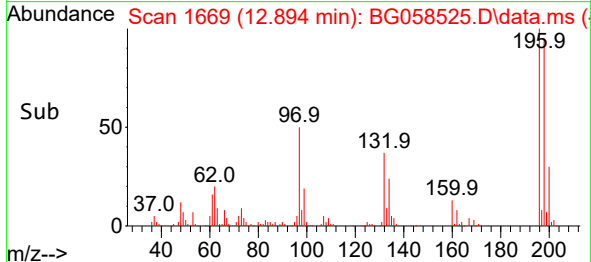
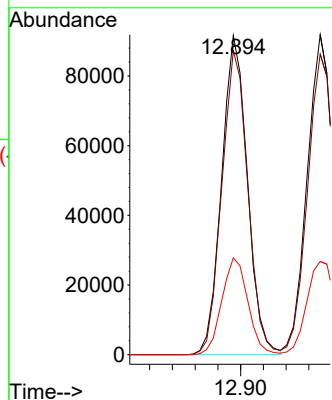
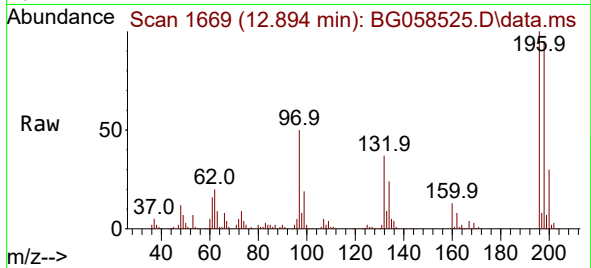




#43
2,4,6-Trichlorophenol
Concen: 48.730 ng
RT: 12.894 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

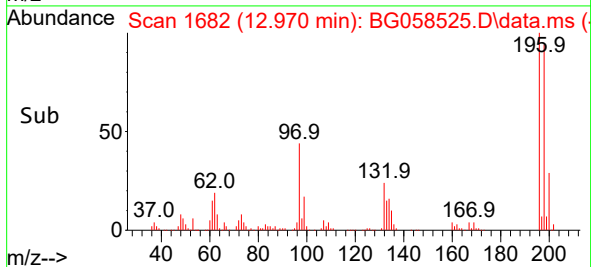
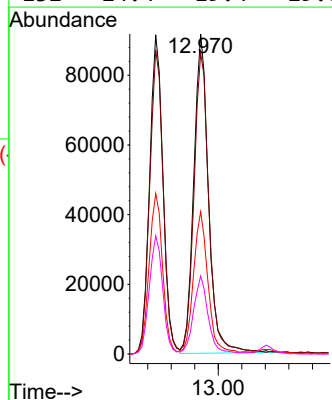
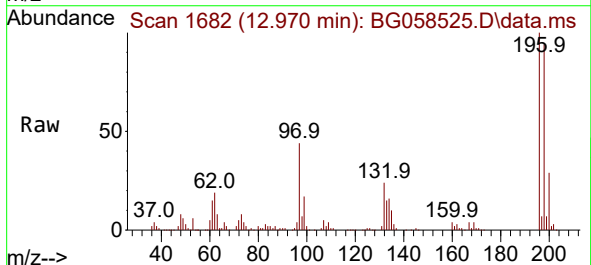
Instrument :
BNA_G
ClientSampleId :
PB154028BS

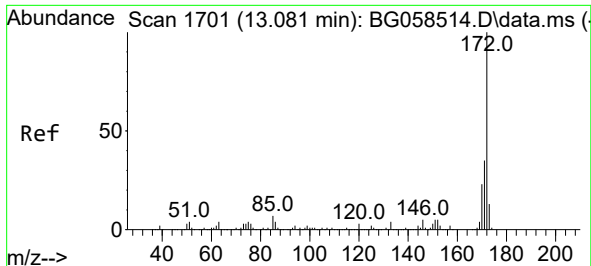
Tgt Ion:196 Resp: 144483
Ion Ratio Lower Upper
196 100
198 95.3 74.2 111.4
200 30.3 22.9 34.3



#44
2,4,5-Trichlorophenol
Concen: 45.584 ng
RT: 12.970 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:196 Resp: 159194
Ion Ratio Lower Upper
196 100
198 94.0 78.3 117.5
97 44.5 35.2 52.8
132 24.4 19.4 29.0

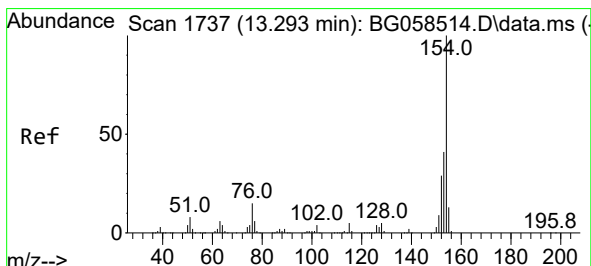
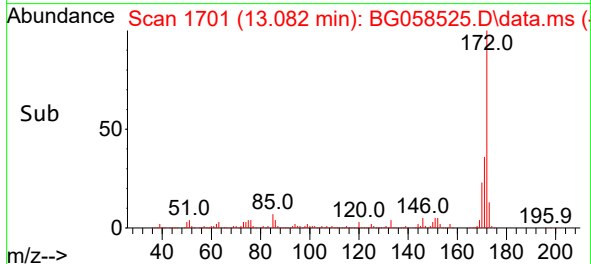
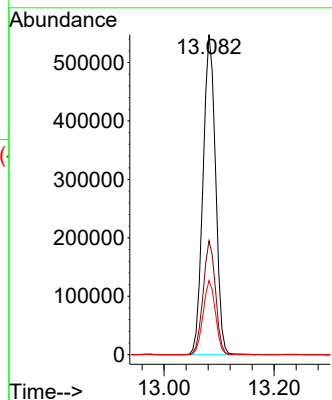
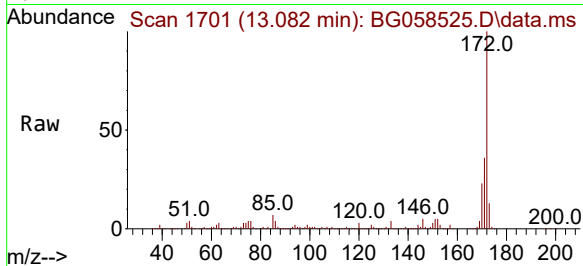




#45
2-Fluorobiphenyl
Concen: 92.438 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

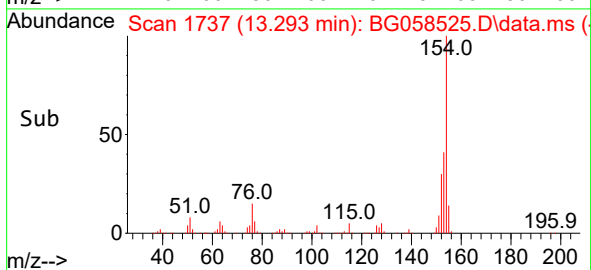
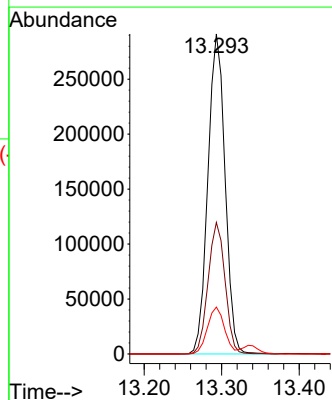
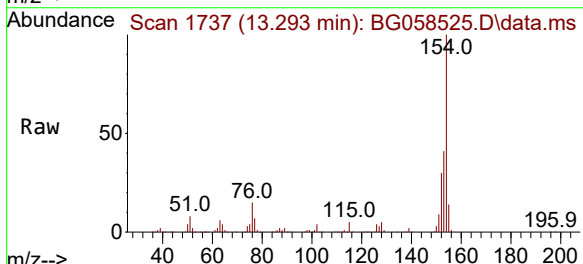
Instrument :
BNA_G
ClientSampleId :
PB154028BS

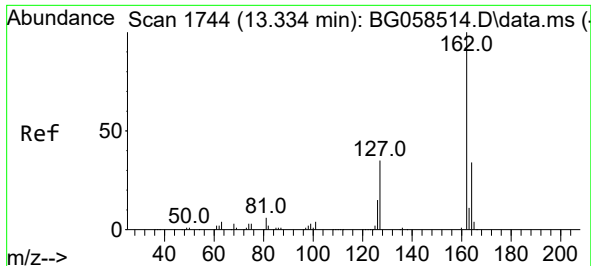
Tgt Ion:172 Resp: 866101
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.1 18.4 27.6



#46
1,1'-Biphenyl
Concen: 46.401 ng
RT: 13.293 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:154 Resp: 447438
Ion Ratio Lower Upper
154 100
153 41.1 21.2 61.2
76 14.6 0.0 34.7

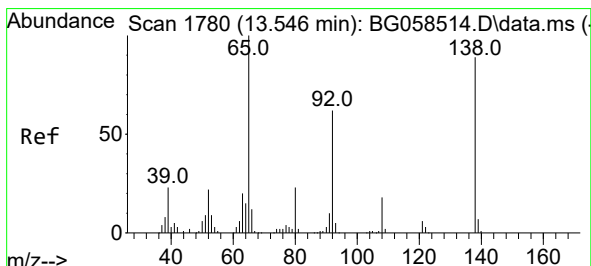
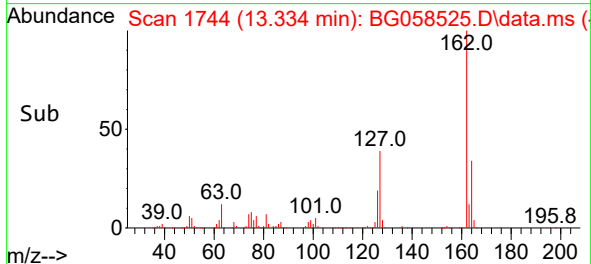
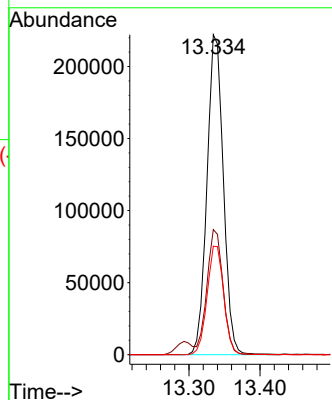
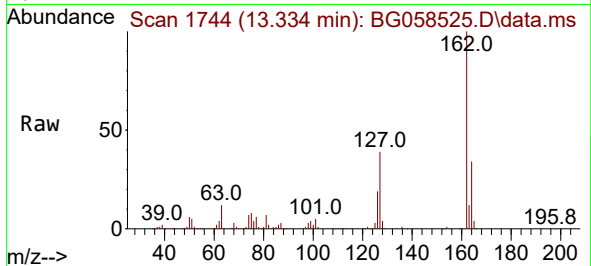




#47
2-Chloronaphthalene
Concen: 47.415 ng
RT: 13.334 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

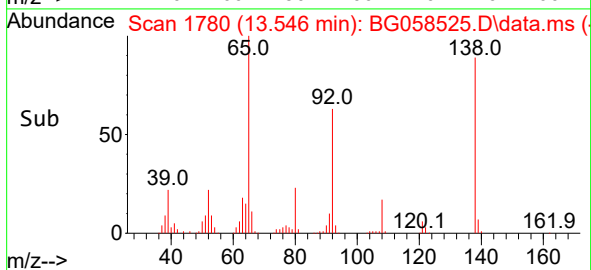
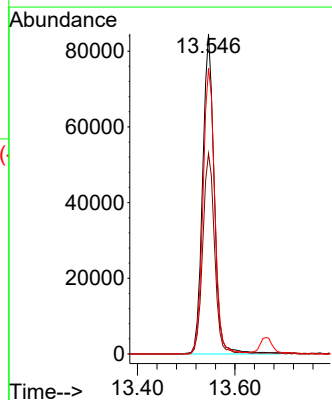
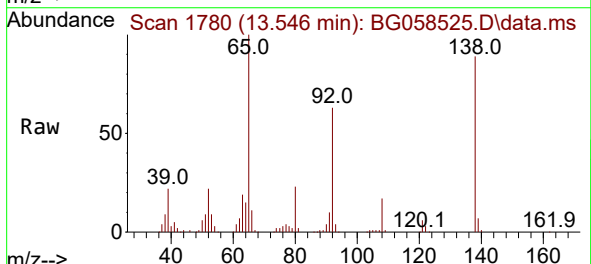
Instrument :
BNA_G
ClientSampleId :
PB154028BS

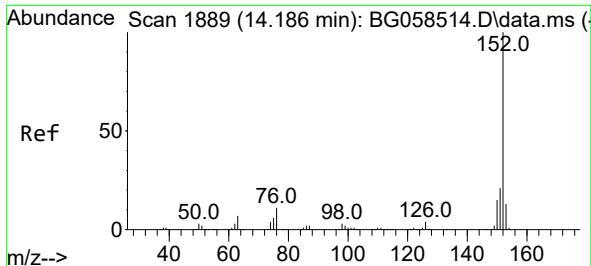
Tgt Ion:162 Resp: 356493
Ion Ratio Lower Upper
162 100
127 39.1 30.9 46.3
164 33.9 27.2 40.8



#48
2-Nitroaniline
Concen: 48.676 ng
RT: 13.546 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion: 65 Resp: 139688
Ion Ratio Lower Upper
65 100
92 62.7 49.2 73.8
138 89.4 71.5 107.3

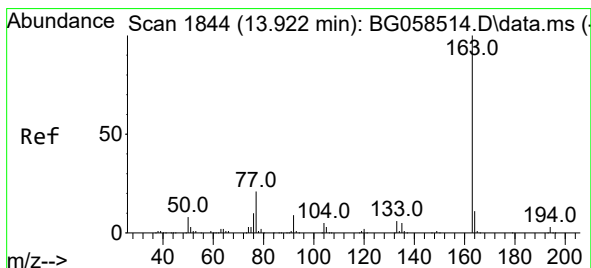
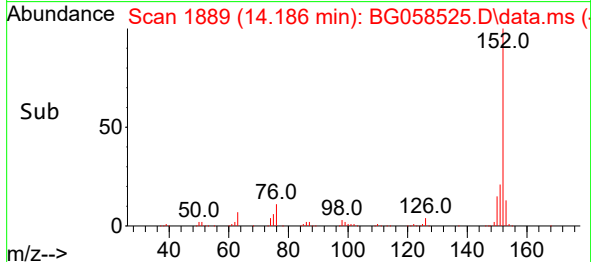
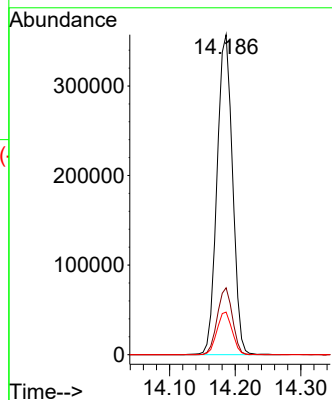
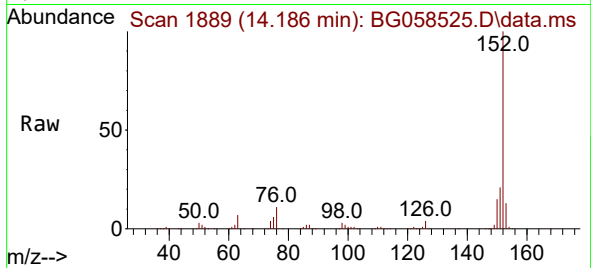




#49
Acenaphthylene
Concen: 46.367 ng
RT: 14.186 min Scan# 1889
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

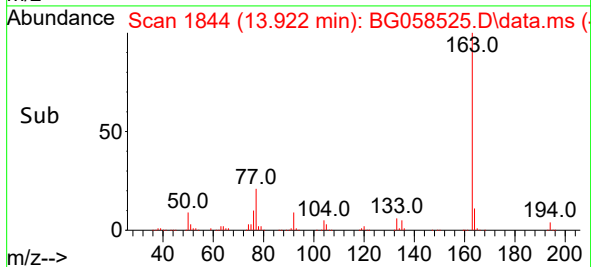
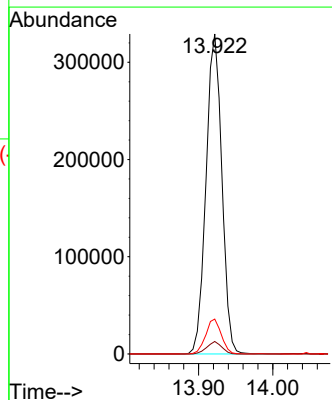
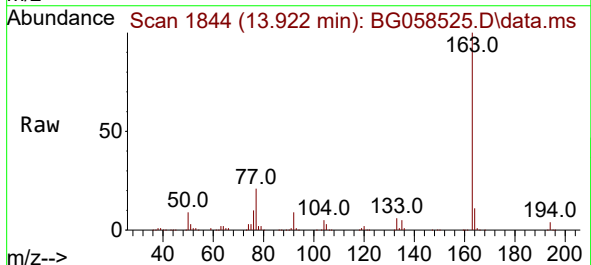
Instrument :
BNA_G
ClientSampleId :
PB154028BS

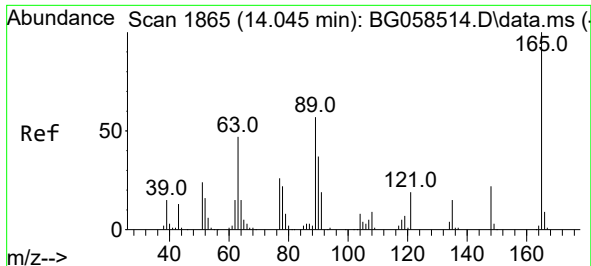
Tgt Ion:152 Resp: 583647
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7
153 13.3 10.7 16.1



#50
Dimethylphthalate
Concen: 46.262 ng
RT: 13.922 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:163 Resp: 487838
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.9 8.6 12.8

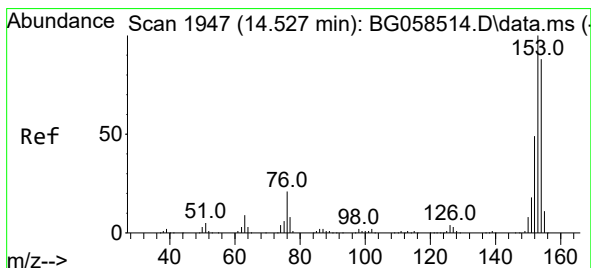
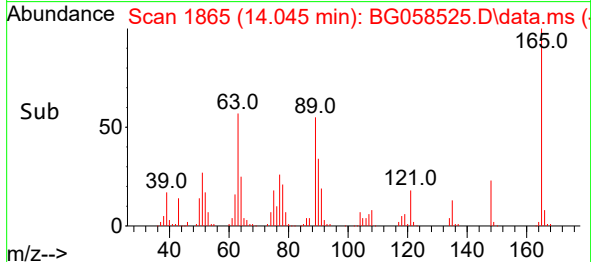
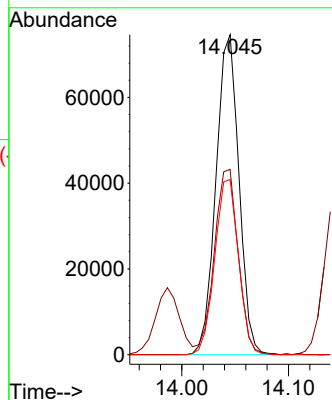
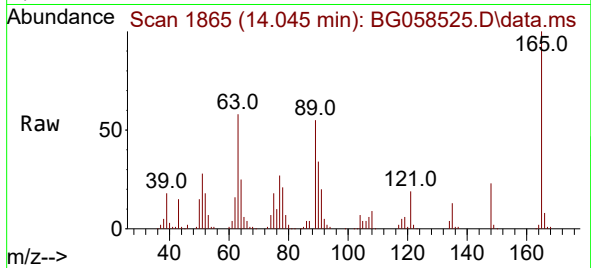




#51
2,6-Dinitrotoluene
Concen: 48.204 ng
RT: 14.045 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

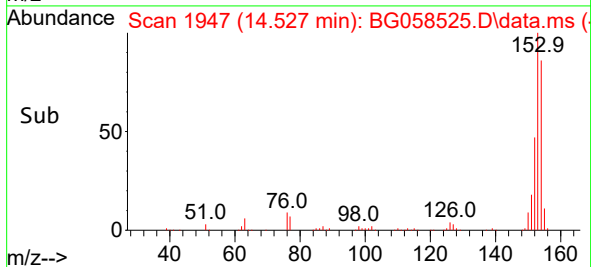
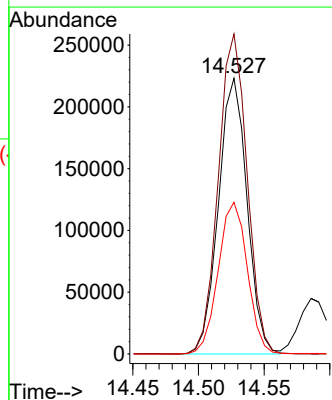
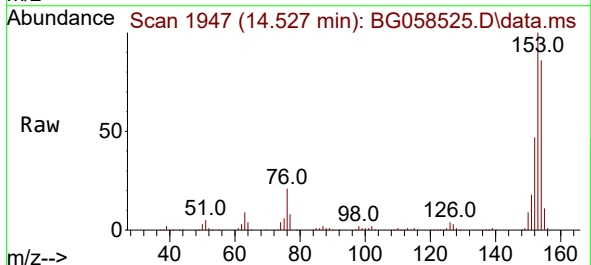
Instrument :
BNA_G
ClientSampleId :
PB154028BS

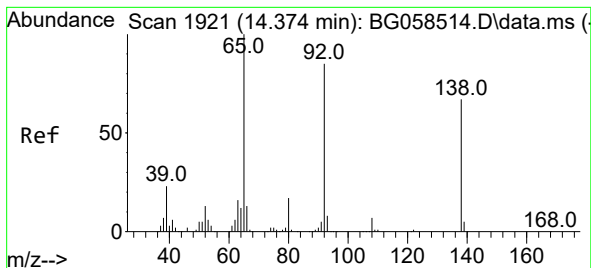
Tgt Ion:165 Resp: 111536
Ion Ratio Lower Upper
165 100
63 57.9 46.4 69.6
89 54.8 45.3 67.9



#52
Acenaphthene
Concen: 46.591 ng
RT: 14.527 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:154 Resp: 338873
Ion Ratio Lower Upper
154 100
153 116.1 91.1 136.7
152 55.0 44.6 66.8

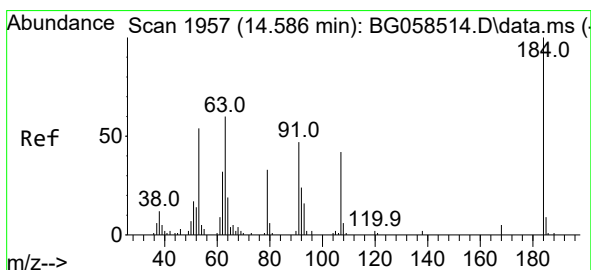
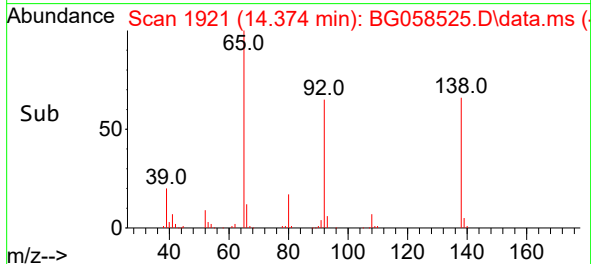
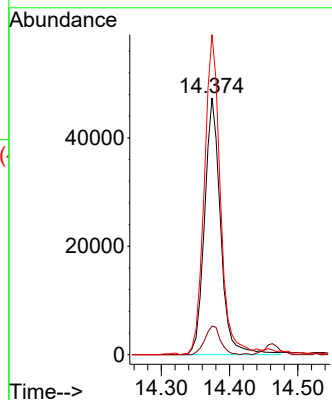
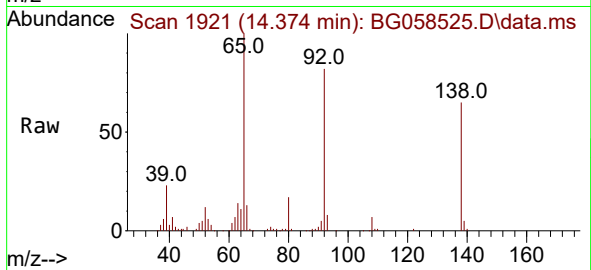




#53
3-Nitroaniline
Concen: 33.491 ng
RT: 14.374 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

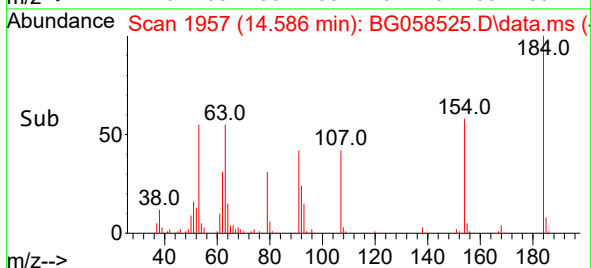
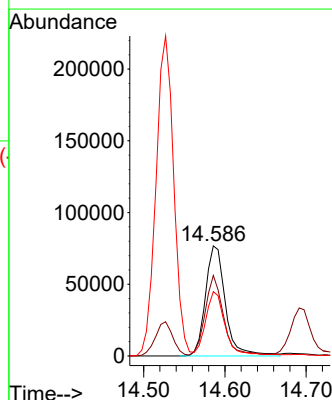
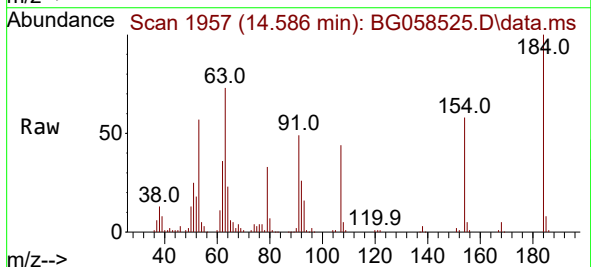
Instrument :
BNA_G
ClientSampleId :
PB154028BS

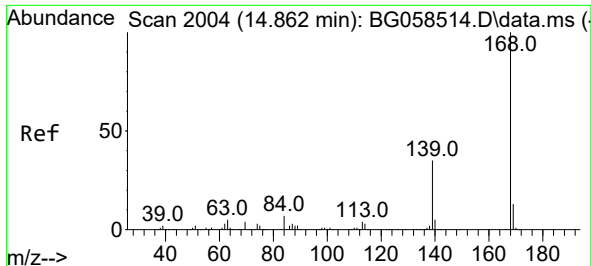
Tgt Ion:138 Resp: 77529
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 124.6 101.1 151.7



#54
2,4-Dinitrophenol
Concen: 98.587 ng
RT: 14.586 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:184 Resp: 131094
Ion Ratio Lower Upper
184 100
63 73.1 56.7 85.1
154 58.5 46.1 69.1

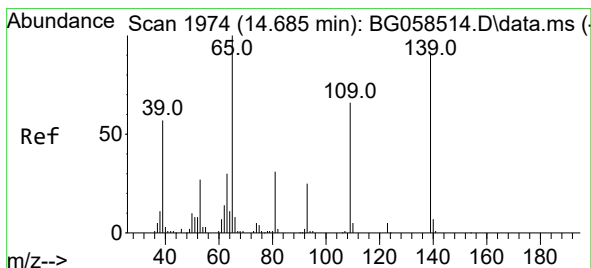
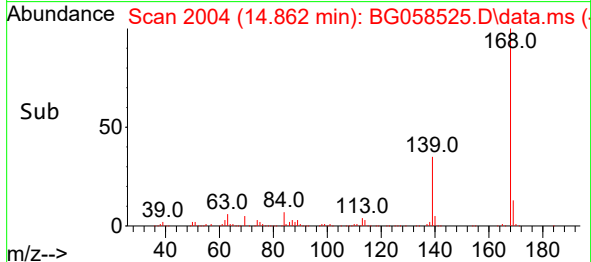
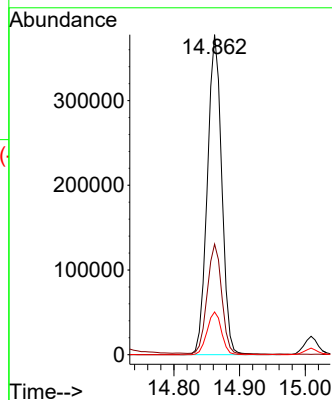
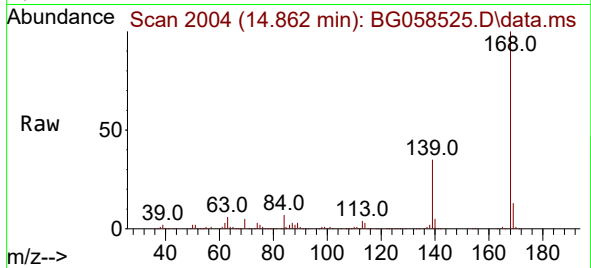




#55
Dibenzofuran
Concen: 46.038 ng
RT: 14.862 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

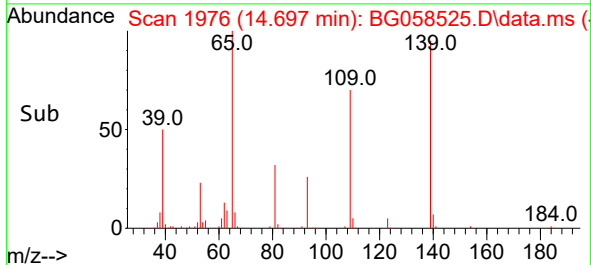
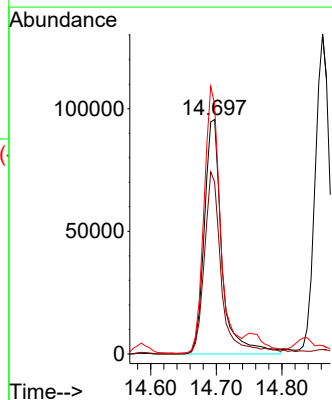
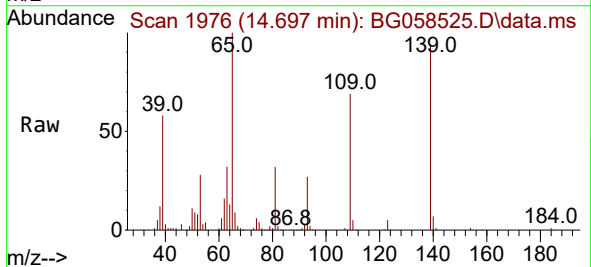
Instrument :
BNA_G
ClientSampleId :
PB154028BS

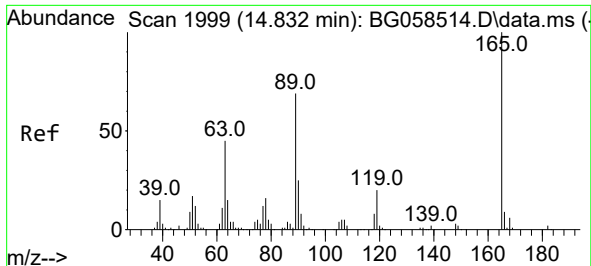
Tgt Ion:168 Resp: 575388
Ion Ratio Lower Upper
168 100
139 34.5 27.8 41.8
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 103.272 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.012 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:139 Resp: 178880
Ion Ratio Lower Upper
139 100
109 73.4 52.5 92.5
65 106.5 90.5 130.5

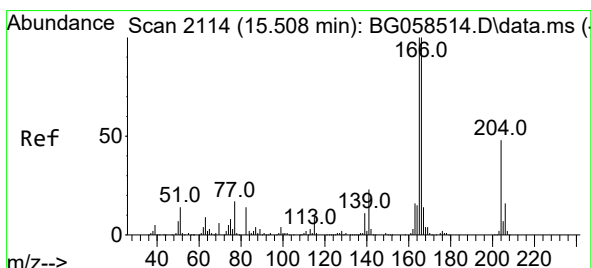
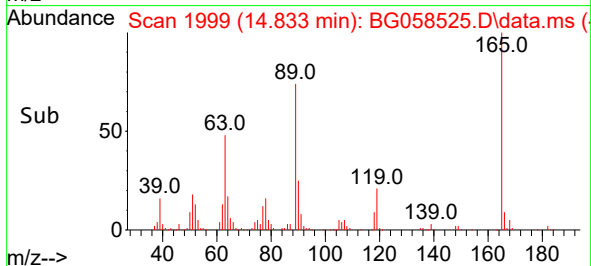
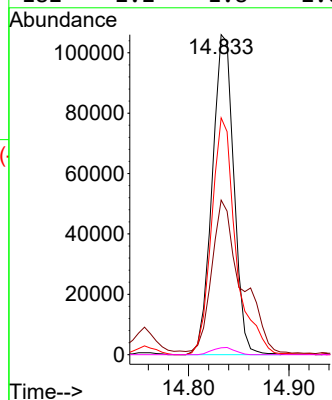
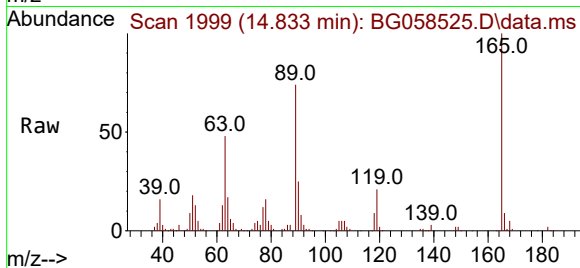




#57
2,4-Dinitrotoluene
Concen: 49.394 ng
RT: 14.833 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

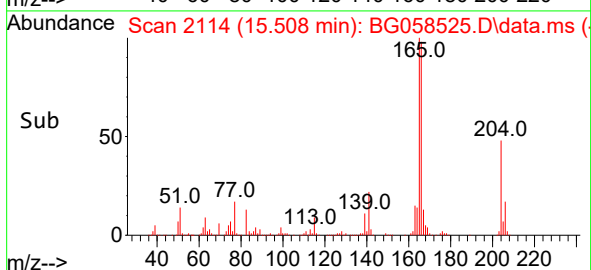
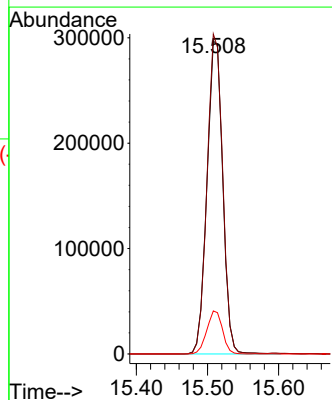
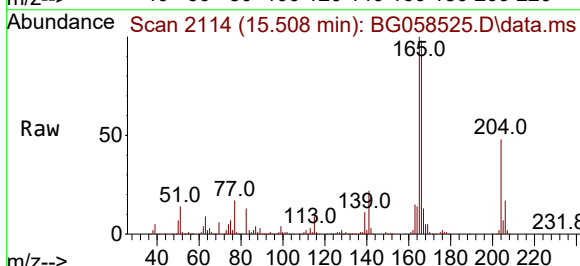
Instrument :
BNA_G
ClientSampleId :
PB154028BS

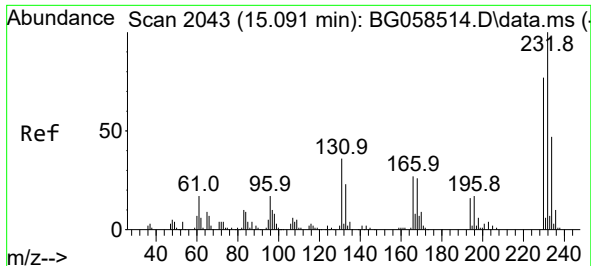
Tgt Ion:	165	Resp:	158445
Ion Ratio	Lower	Upper	
165	100		
63	48.3	36.6	54.8
89	74.0	55.4	83.0
182	2.2	1.8	2.6



#58
Fluorene
Concen: 46.212 ng
RT: 15.508 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:	166	Resp:	458821
Ion Ratio	Lower	Upper	
166	100		
165	102.3	80.0	120.0
167	13.8	11.3	16.9

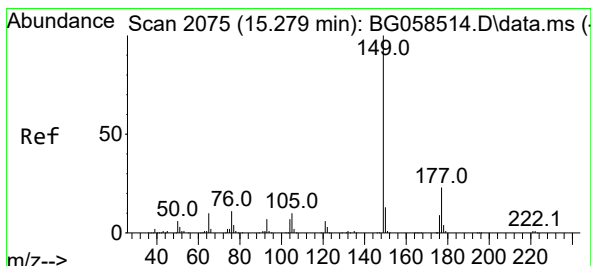
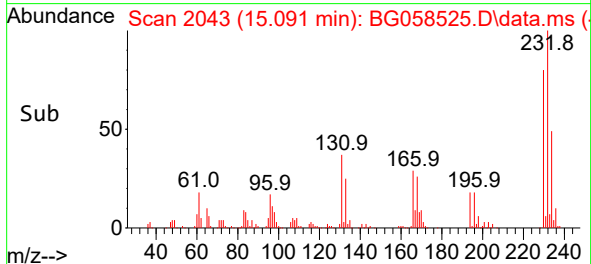
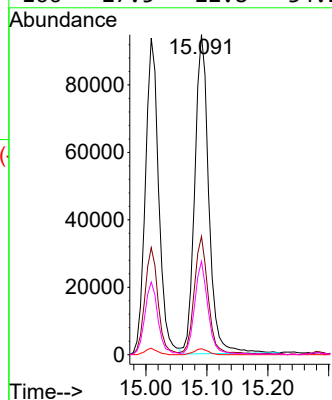
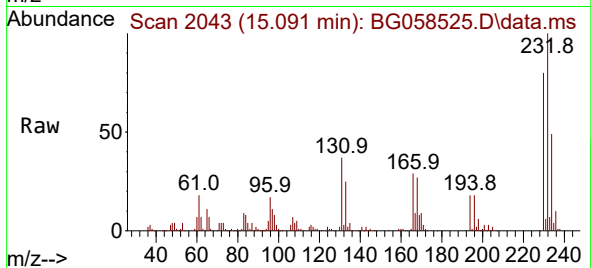




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.752 ng
RT: 15.091 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

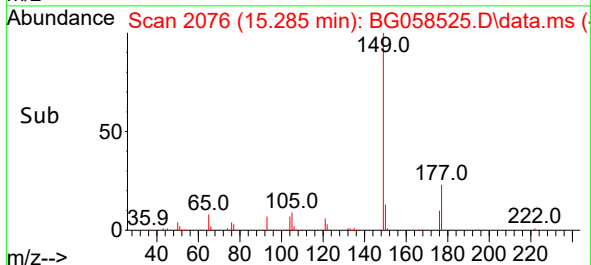
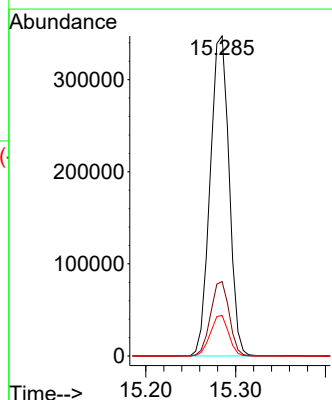
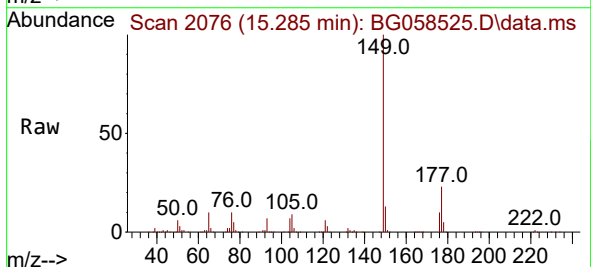
Instrument :
BNA_G
ClientSampleId :
PB154028BS

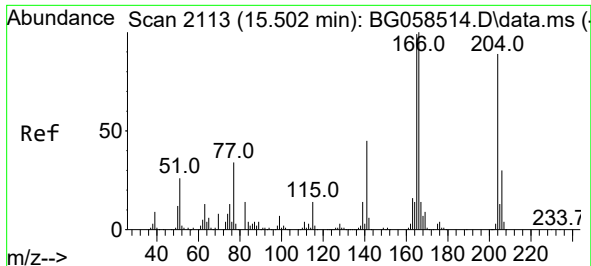
Tgt Ion:232 Resp: 151244
Ion Ratio Lower Upper
232 100
131 36.6 30.0 45.0
130 1.8 1.5 2.3
166 27.5 22.8 34.2



#60
Diethylphthalate
Concen: 47.365 ng
RT: 15.285 min Scan# 2076
Delta R.T. 0.006 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:149 Resp: 508840
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.4
150 12.6 10.2 15.4

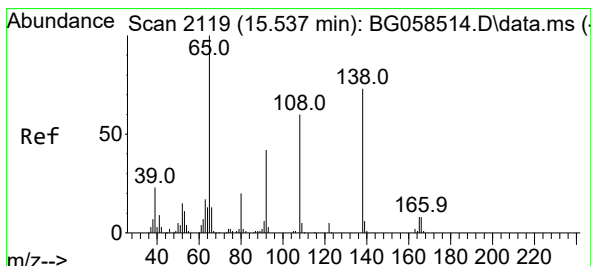
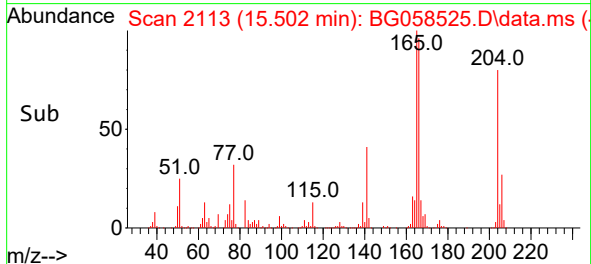
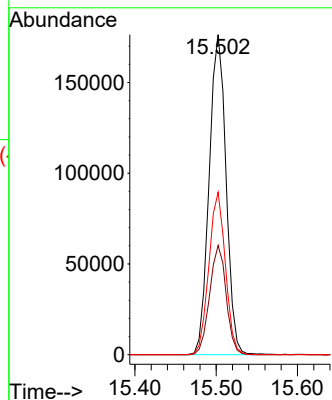
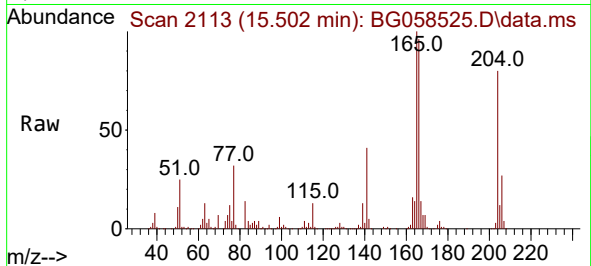




#61
4-Chlorophenyl-phenylether
Concen: 45.961 ng
RT: 15.502 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

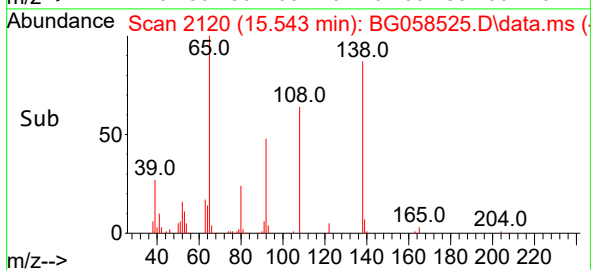
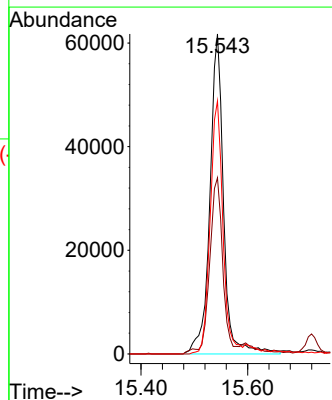
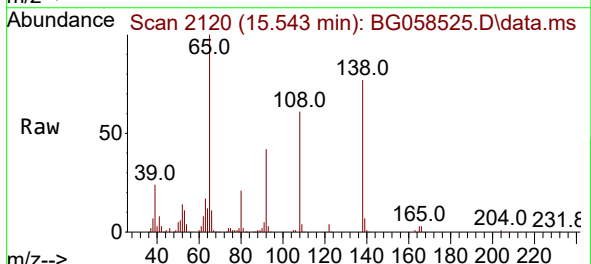
Instrument :
BNA_G
ClientSampleId :
PB154028BS

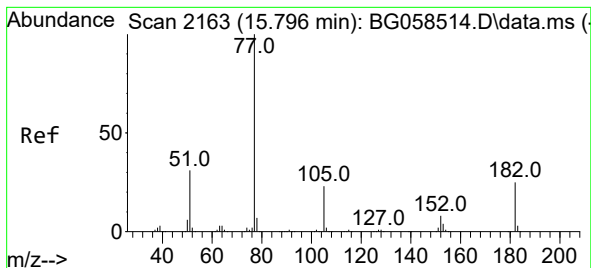
Tgt Ion:204 Resp: 254407
Ion Ratio Lower Upper
204 100
206 34.1 27.0 40.4
141 50.8 40.8 61.2



#62
4-Nitroaniline
Concen: 50.306 ng
RT: 15.543 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:138 Resp: 110319
Ion Ratio Lower Upper
138 100
92 55.1 37.3 77.3
108 79.0 62.6 102.6





#63

Azobenzene

Concen: 46.561 ng

RT: 15.796 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA_G

ClientSampleId :

PB154028BS

Tgt Ion: 77 Resp: 492683

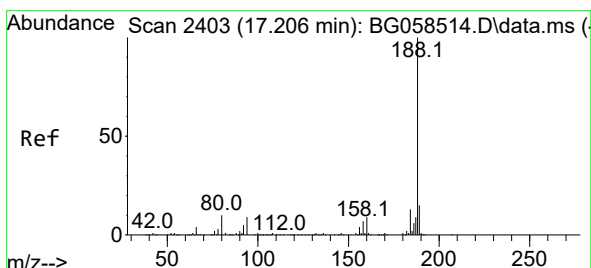
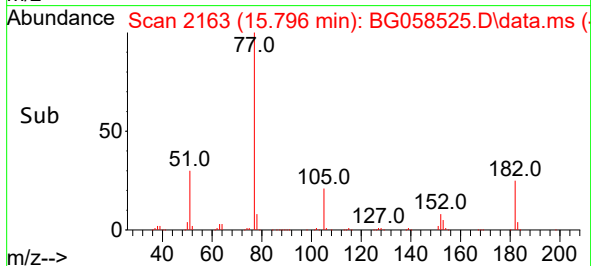
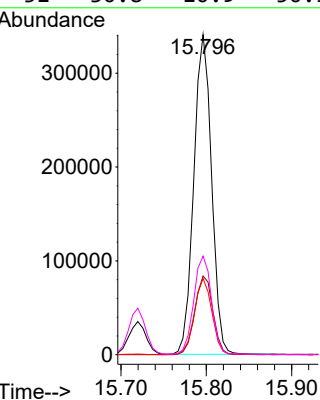
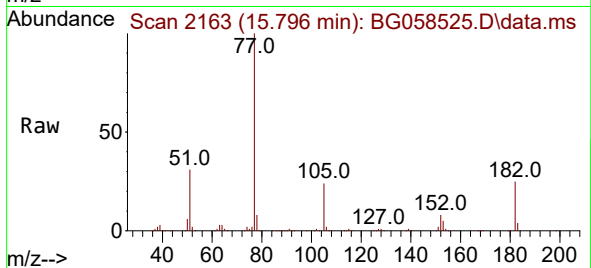
Ion Ratio Lower Upper

77 100

182 24.6 4.6 44.6

105 23.8 3.3 43.3

51 30.8 10.9 50.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.206 min Scan# 2403

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

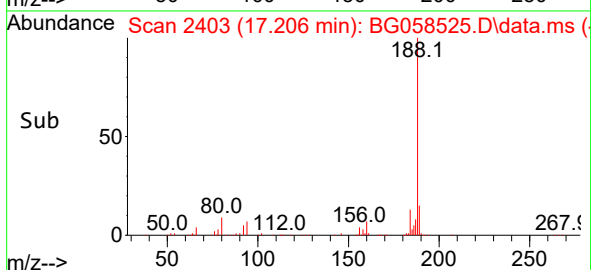
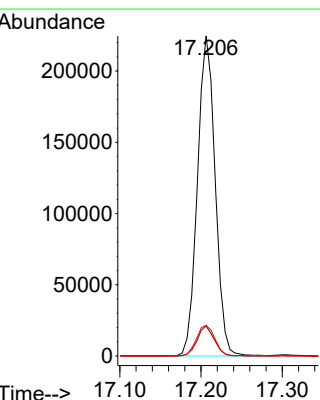
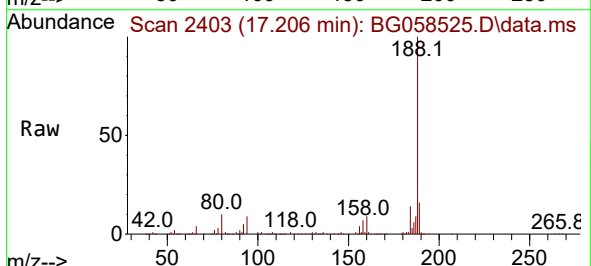
Tgt Ion: 188 Resp: 340157

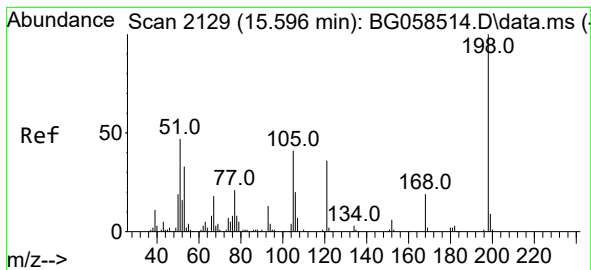
Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

80 9.6 8.1 12.1

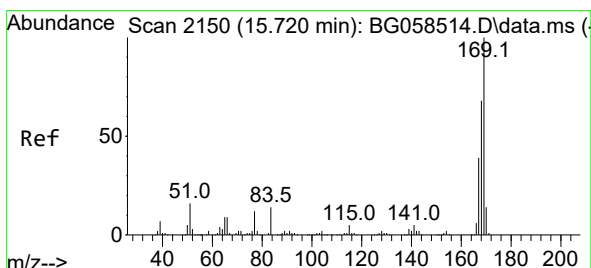
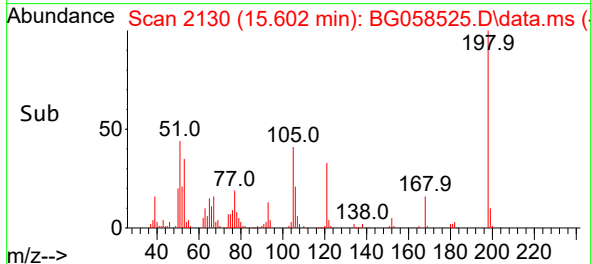
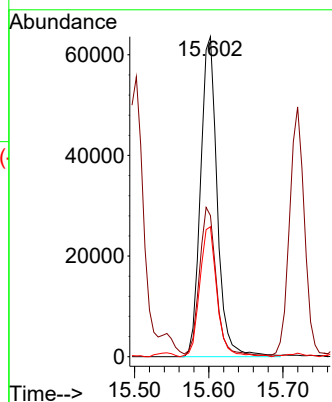
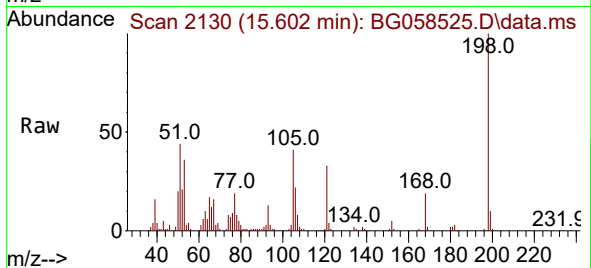




#65
4,6-Dinitro-2-methylphenol
Concen: 53.175 ng
RT: 15.602 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

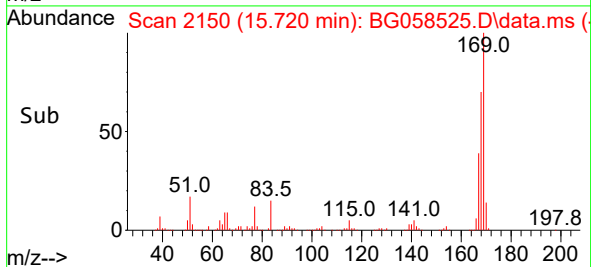
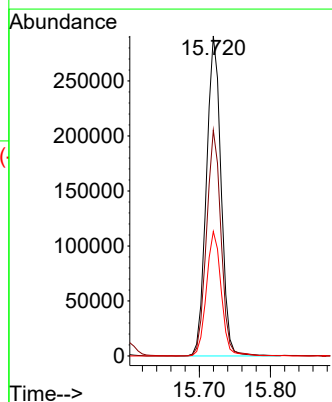
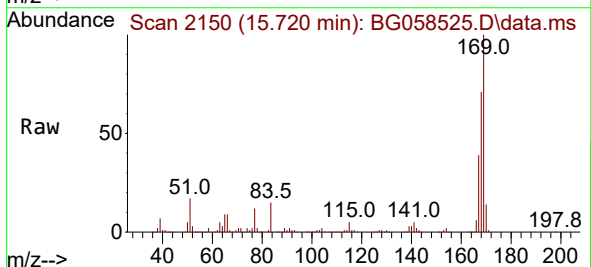
Instrument :
BNA_G
ClientSampleId :
PB154028BS

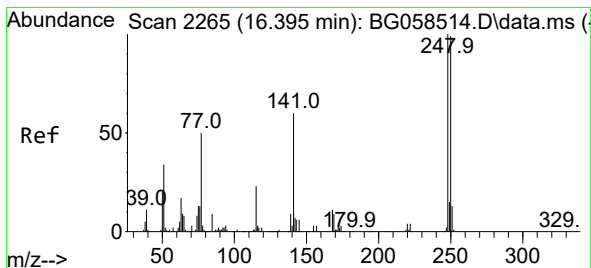
Tgt Ion:198 Resp: 99734
Ion Ratio Lower Upper
198 100
51 44.1 29.3 69.3
105 40.6 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 47.204 ng
RT: 15.720 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:169 Resp: 417911
Ion Ratio Lower Upper
169 100
168 70.6 54.6 82.0
167 38.9 31.3 46.9

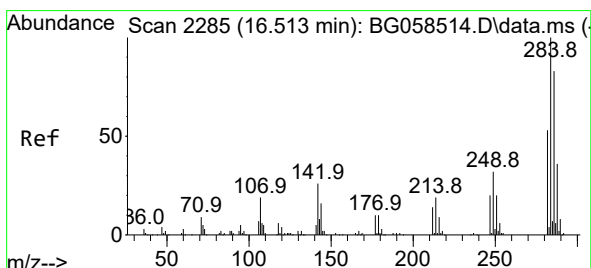
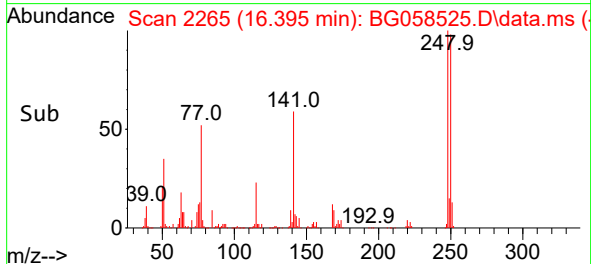
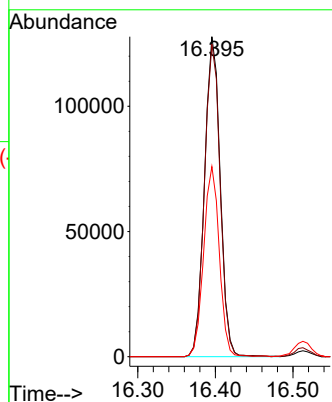
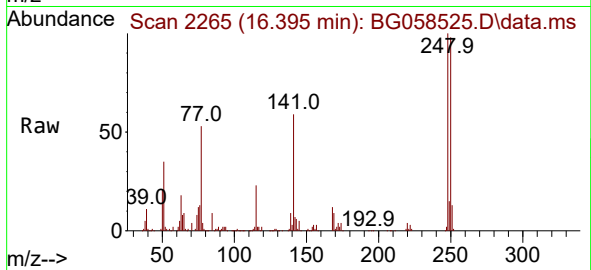




#67
4-Bromophenyl-phenylether
Concen: 46.700 ng
RT: 16.395 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

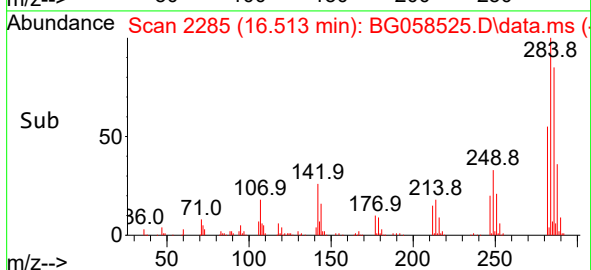
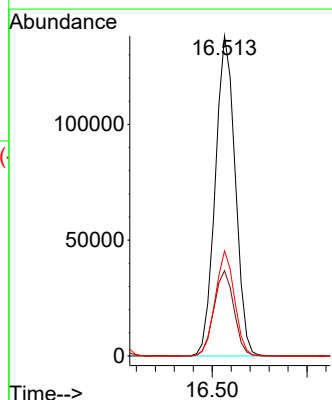
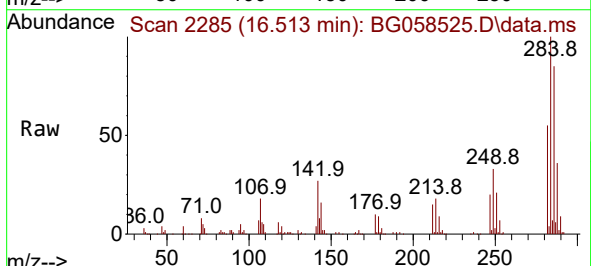
Instrument :
BNA_G
ClientSampleId :
PB154028BS

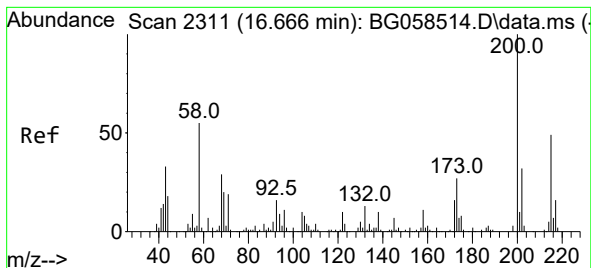
Tgt Ion:248 Resp: 180175
Ion Ratio Lower Upper
248 100
250 97.7 79.5 119.3
141 59.4 48.2 72.2



#68
Hexachlorobenzene
Concen: 49.336 ng
RT: 16.513 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:284 Resp: 201698
Ion Ratio Lower Upper
284 100
142 26.7 21.0 31.4
249 32.8 25.5 38.3





#69

Atrazine

Concen: 59.764 ng

RT: 16.672 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA_G

ClientSampleId :

PB154028BS

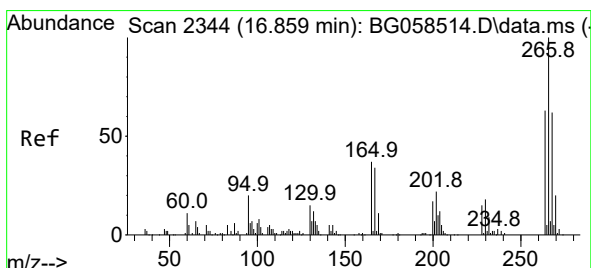
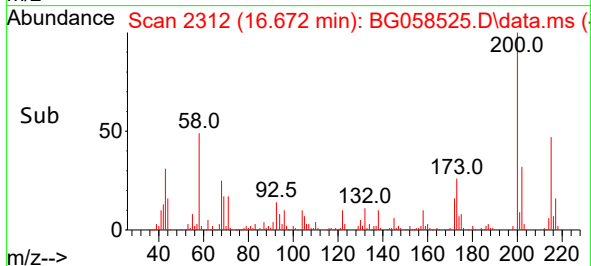
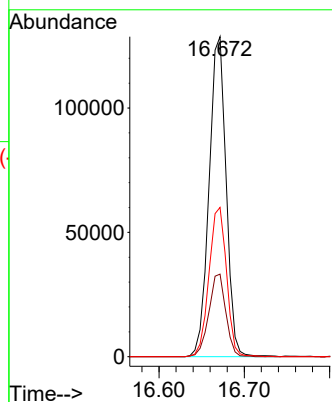
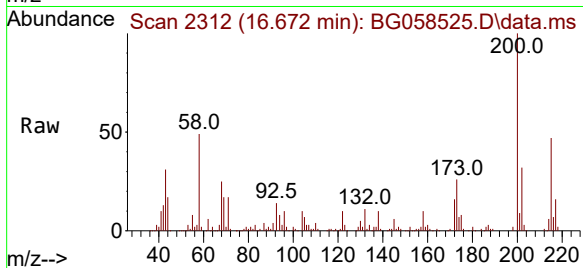
Tgt Ion:200 Resp: 178615

Ion Ratio Lower Upper

200 100

173 25.8 6.5 46.5

215 46.6 28.9 68.9



#70

Pentachlorophenol

Concen: 97.594 ng

RT: 16.860 min Scan# 2344

Delta R.T. 0.001 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

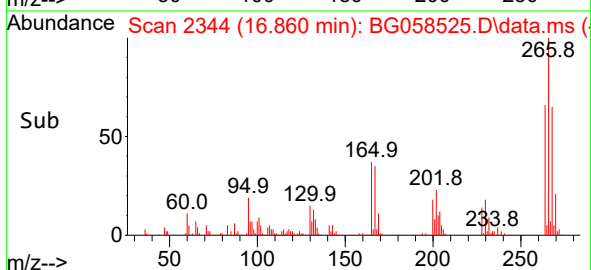
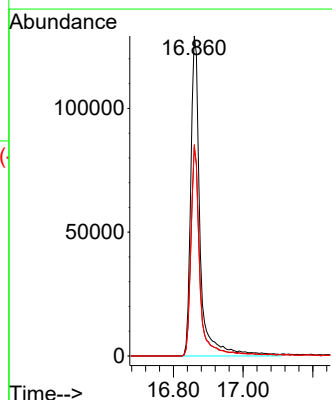
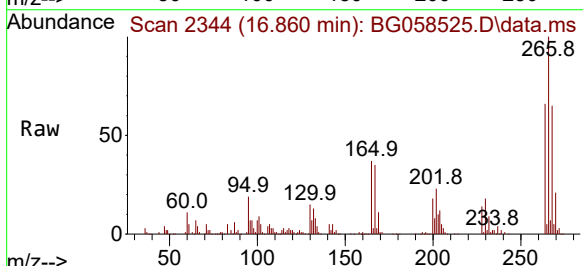
Tgt Ion:266 Resp: 241501

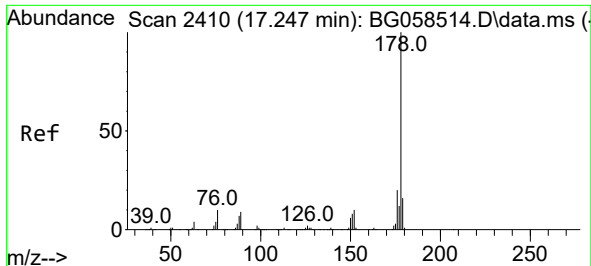
Ion Ratio Lower Upper

266 100

268 65.2 49.9 74.9

264 66.1 50.2 75.4

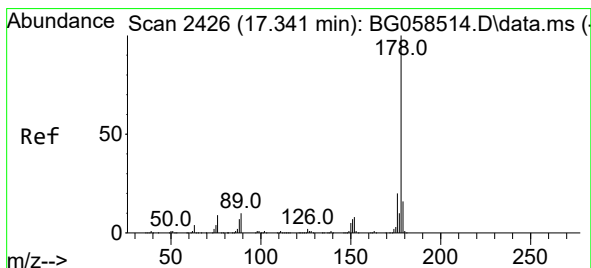
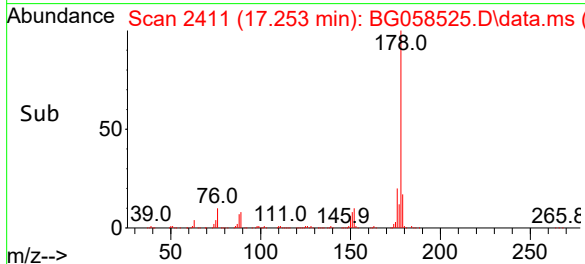
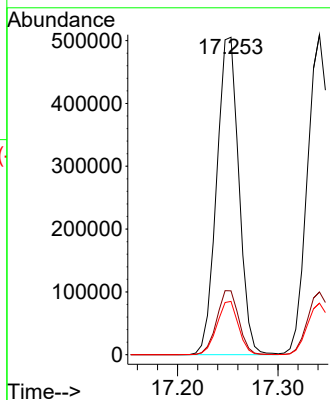
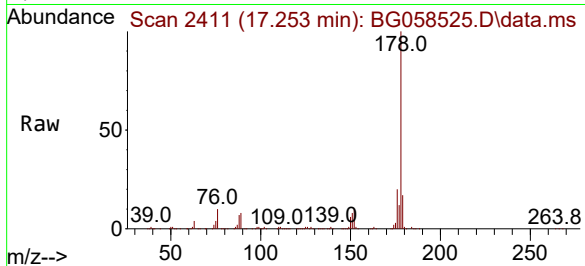




#71
Phenanthrene
Concen: 48.046 ng
RT: 17.253 min Scan# 2411
Delta R.T. 0.006 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

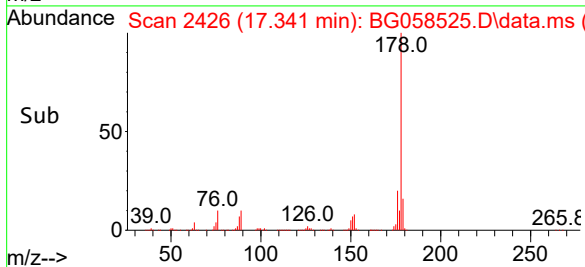
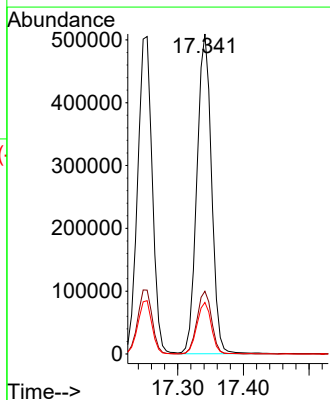
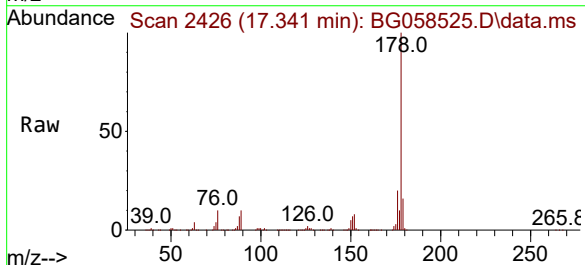
Instrument :
BNA_G
ClientSampleId :
PB154028BS

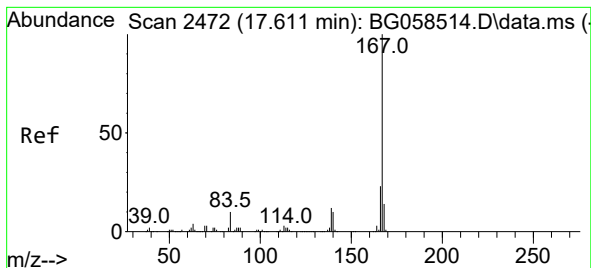
Tgt Ion:178 Resp: 775069
Ion Ratio Lower Upper
178 100
176 20.1 16.3 24.5
179 16.8 13.1 19.7



#72
Anthracene
Concen: 47.646 ng
RT: 17.341 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:178 Resp: 788658
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 16.1 12.9 19.3





#73

Carbazole

Concen: 50.401 ng

RT: 17.612 min Scan# 24

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA_G

ClientSampleId :

PB154028BS

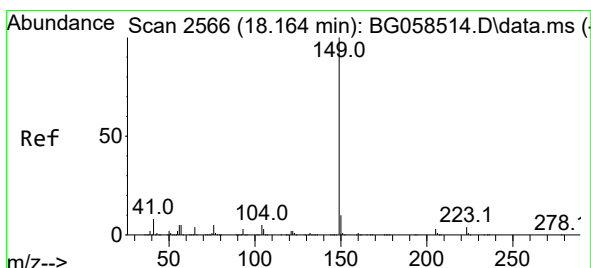
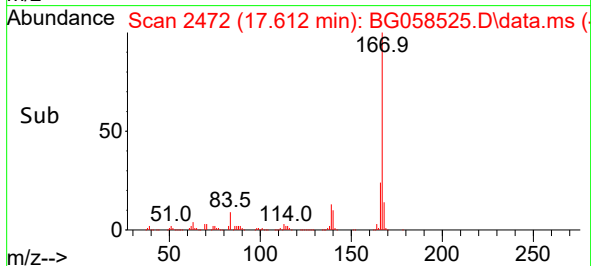
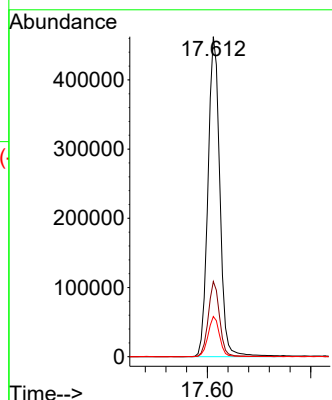
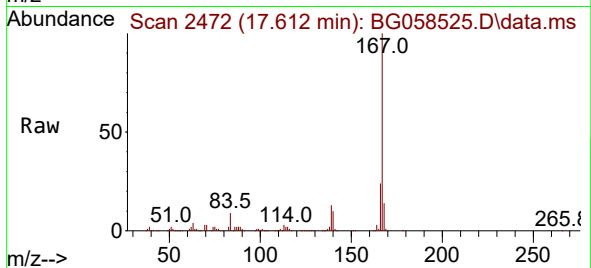
Tgt Ion:167 Resp: 735667

Ion Ratio Lower Upper

167 100

166 23.5 18.4 27.6

139 12.6 10.0 15.0



#74

Di-n-butylphthalate

Concen: 48.774 ng

RT: 18.164 min Scan# 2566

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

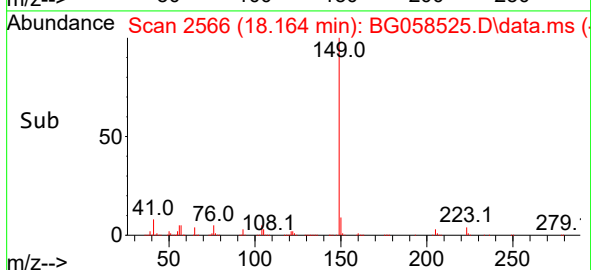
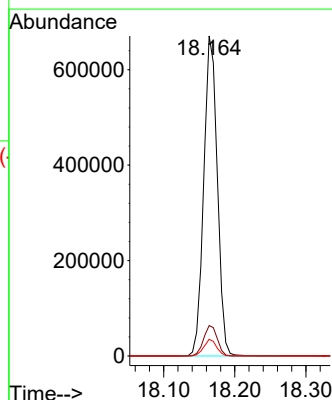
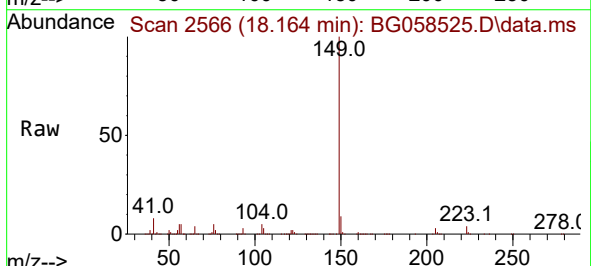
Tgt Ion:149 Resp: 891717

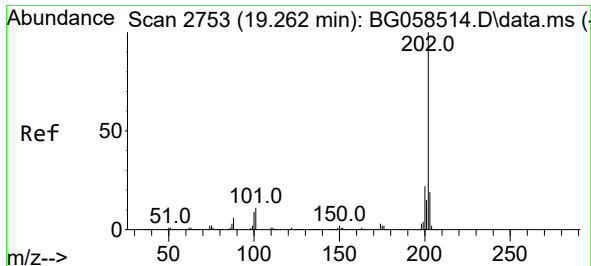
Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

104 5.2 4.0 6.0

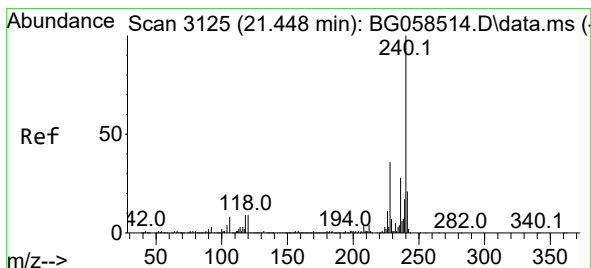
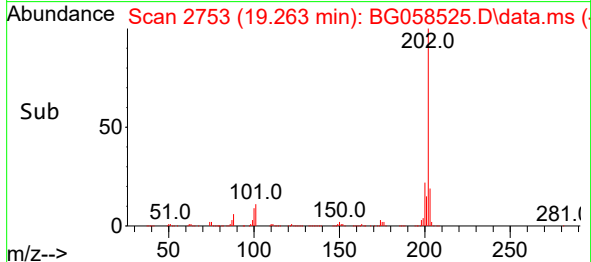
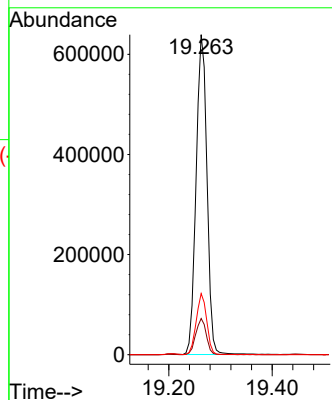
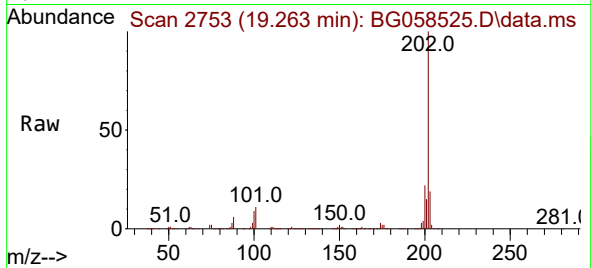




#75
Fluoranthene
Concen: 48.013 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

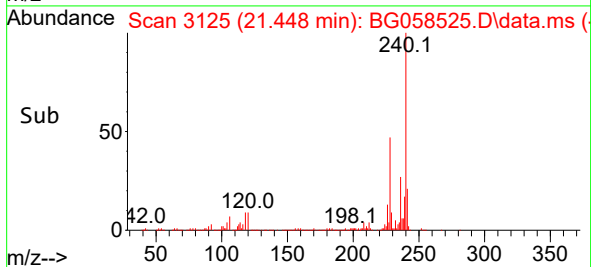
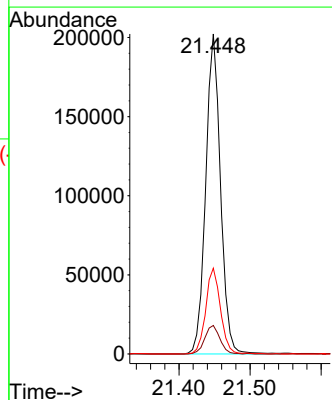
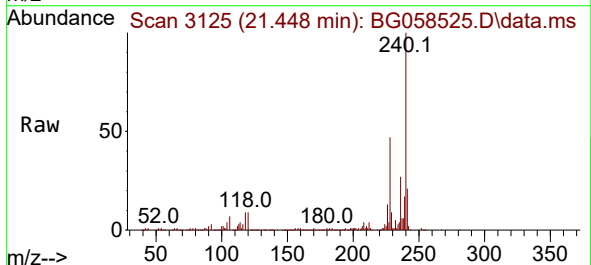
Instrument :
BNA_G
ClientSampleId :
PB154028BS

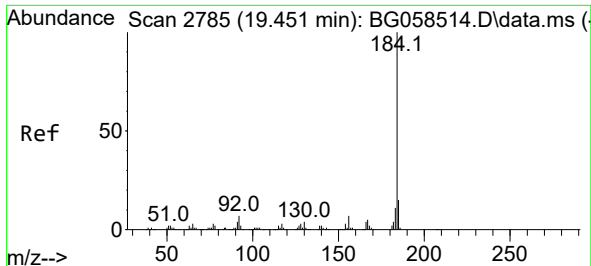
Tgt Ion:202 Resp: 930381
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 19.1 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:240 Resp: 292607
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.0
236 26.8 22.2 33.4

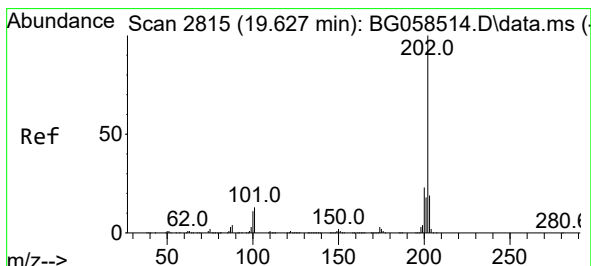
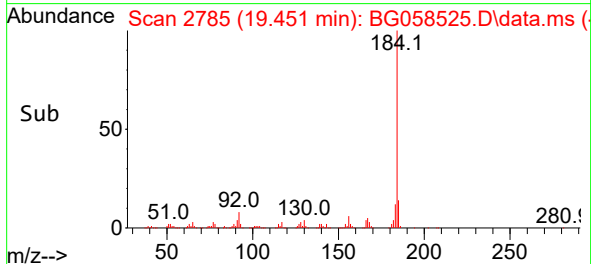
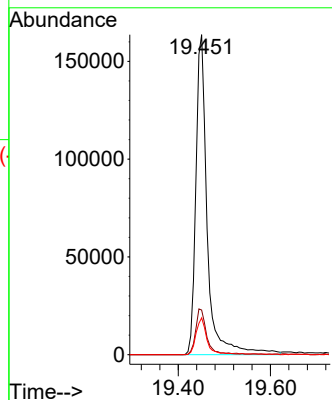
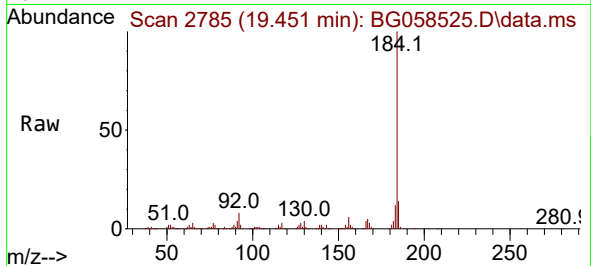




#77
Benzidine
Concen: 63.133 ng
RT: 19.451 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

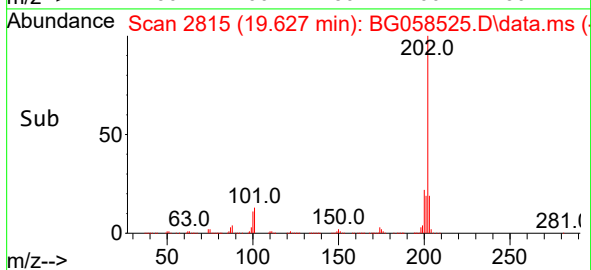
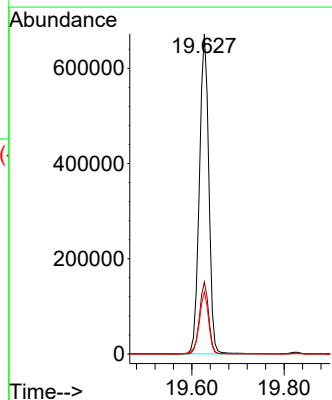
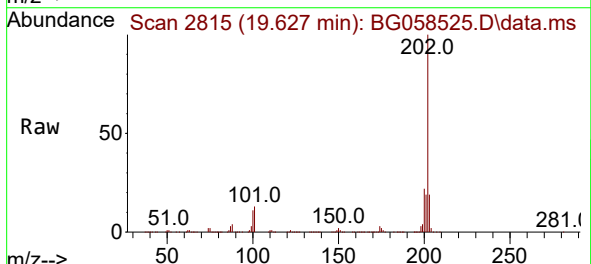
Instrument :
BNA_G
ClientSampleId :
PB154028BS

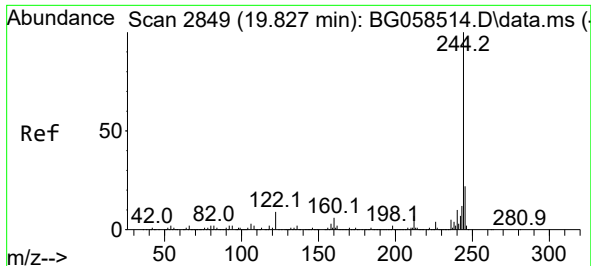
Tgt Ion:184 Resp: 280129
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 11.5 8.7 13.1



#78
Pyrene
Concen: 47.748 ng
RT: 19.627 min Scan# 2815
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:202 Resp: 950830
Ion Ratio Lower Upper
202 100
200 22.5 18.2 27.2
203 19.4 15.1 22.7

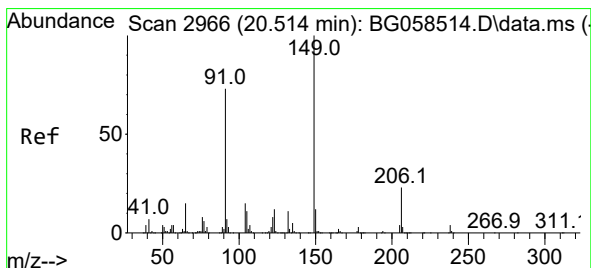
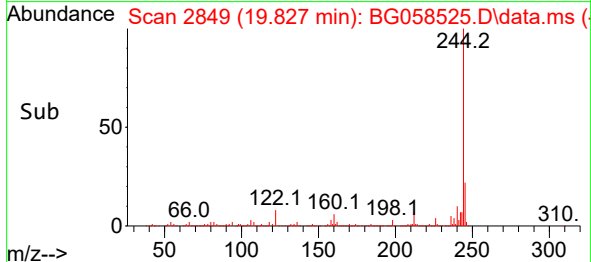
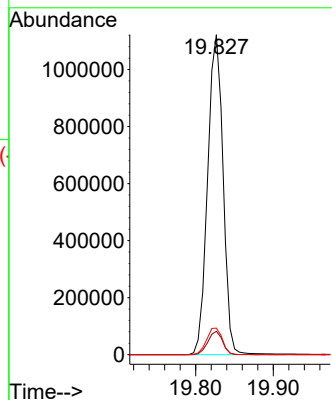
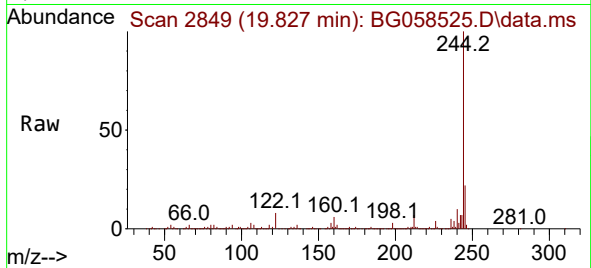




#79
 Terphenyl-d14
 Concen: 99.689 ng
 RT: 19.827 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG058525.D
 Acq: 28 Jul 2023 19:41

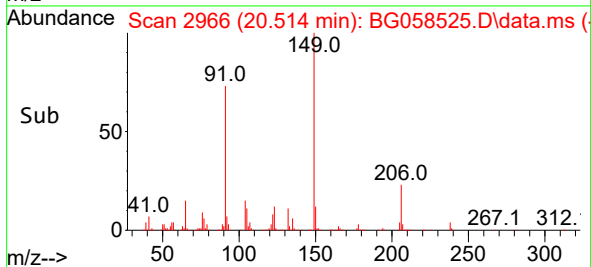
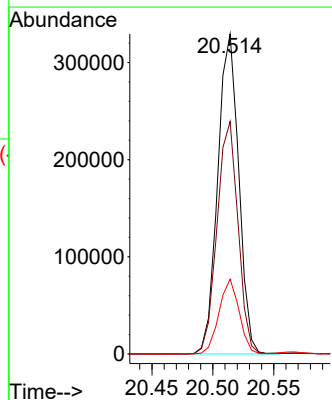
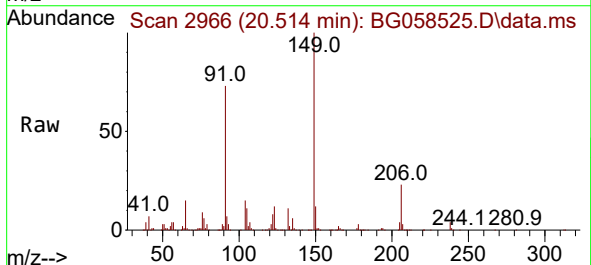
Instrument :
 BNA_G
 ClientSampleId :
 PB154028BS

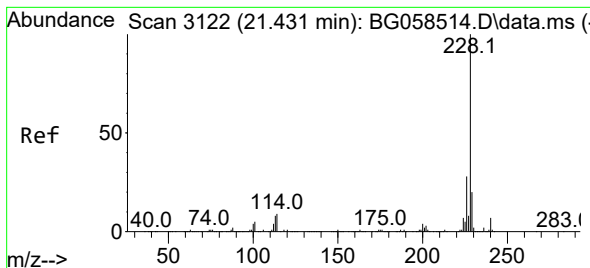
Tgt Ion:244 Resp: 1551149
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 8.3 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 48.294 ng
 RT: 20.514 min Scan# 2966
 Delta R.T. 0.000 min
 Lab File: BG058525.D
 Acq: 28 Jul 2023 19:41

Tgt Ion:149 Resp: 395032
 Ion Ratio Lower Upper
 149 100
 91 72.7 58.4 87.6
 206 23.4 18.3 27.5





#81

Benzo(a)anthracene

Concen: 48.359 ng

RT: 21.431 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA_G

ClientSampleId :

PB154028BS

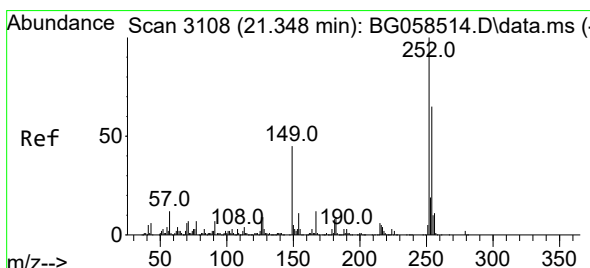
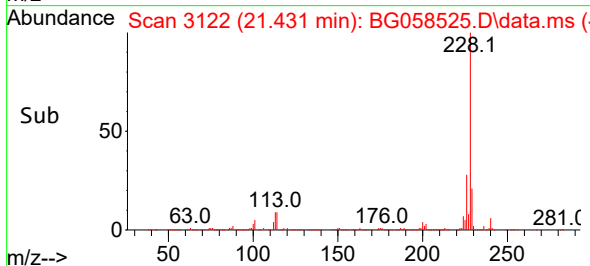
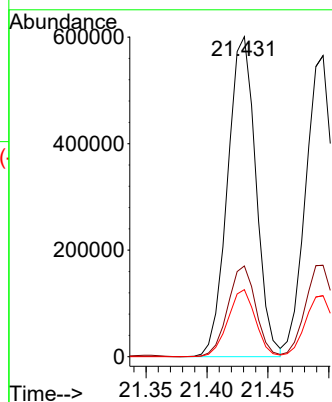
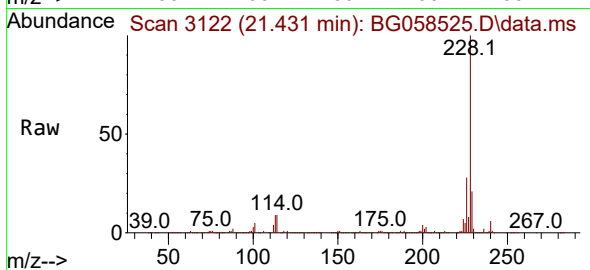
Tgt Ion:228 Resp: 973807

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

229 21.0 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 39.454 ng

RT: 21.348 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

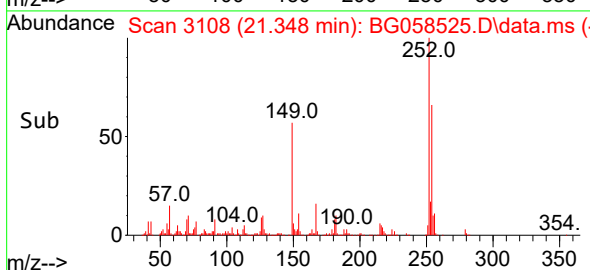
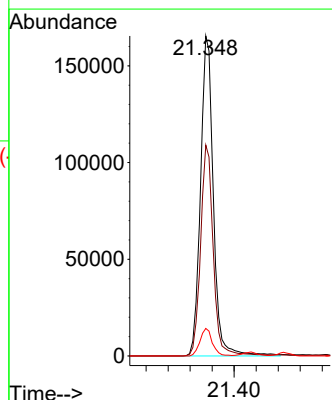
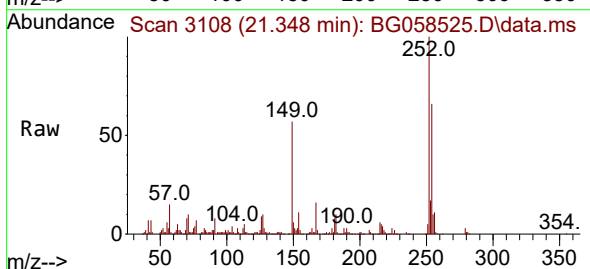
Tgt Ion:252 Resp: 268623

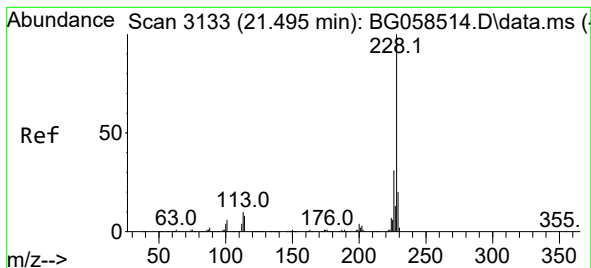
Ion Ratio Lower Upper

252 100

254 65.9 52.2 78.4

126 8.6 7.2 10.8





#83

Chrysene

Concen: 46.878 ng

RT: 21.495 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA_G

ClientSampleId :

PB154028BS

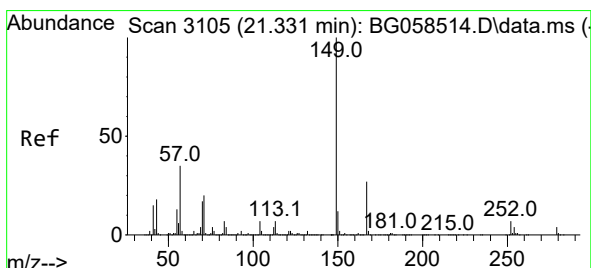
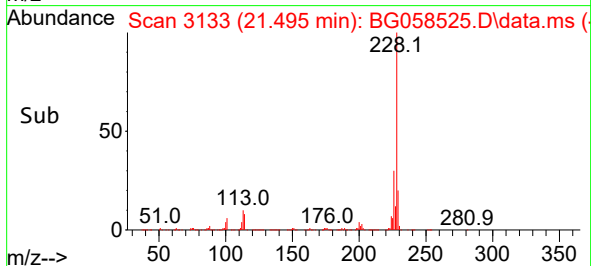
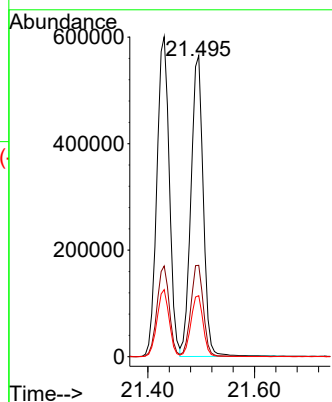
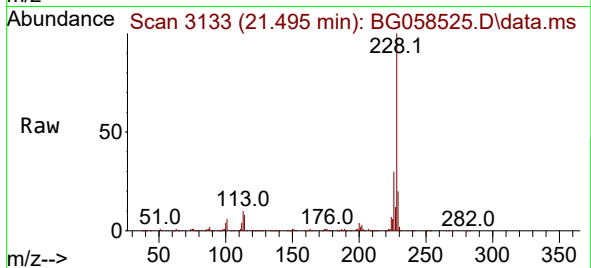
Tgt Ion:228 Resp: 905083

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

229 20.3 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.252 ng

RT: 21.331 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

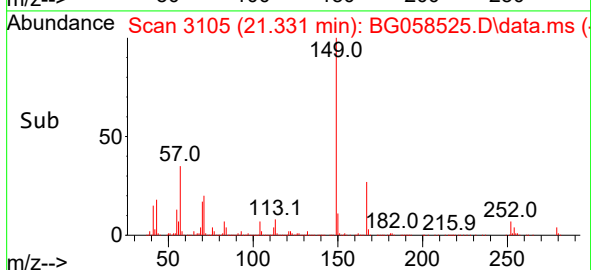
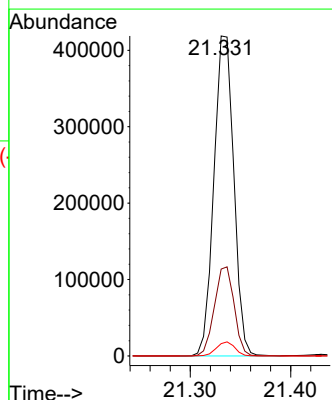
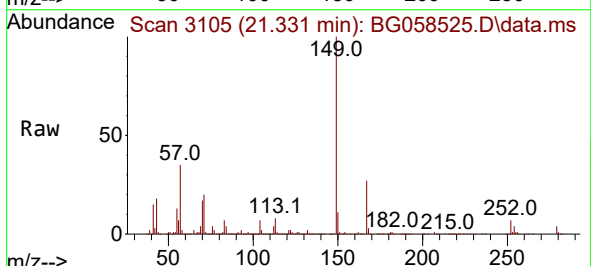
Tgt Ion:149 Resp: 576771

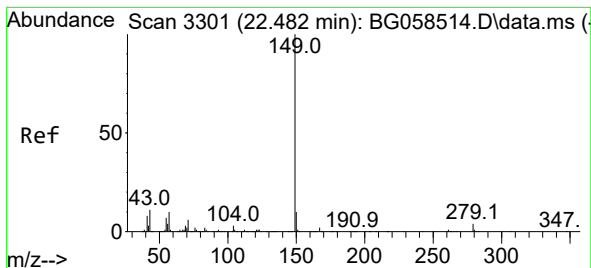
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.8

279 3.9 2.9 4.3

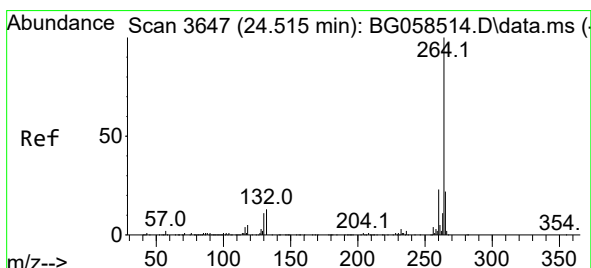
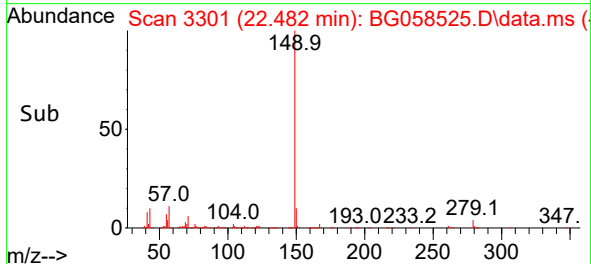
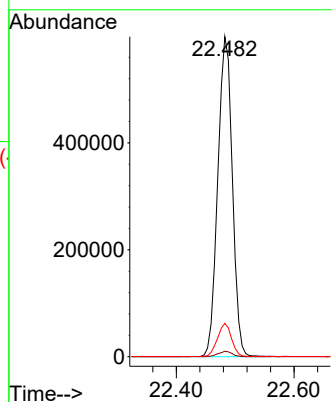
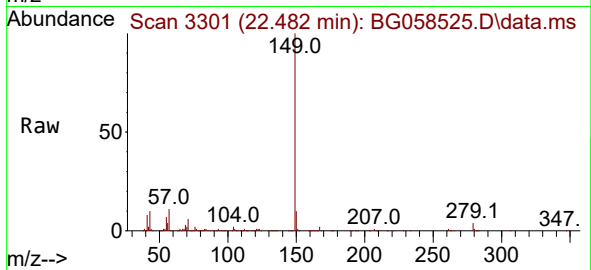




#85
Di-n-octyl phthalate
Concen: 48.896 ng
RT: 22.482 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

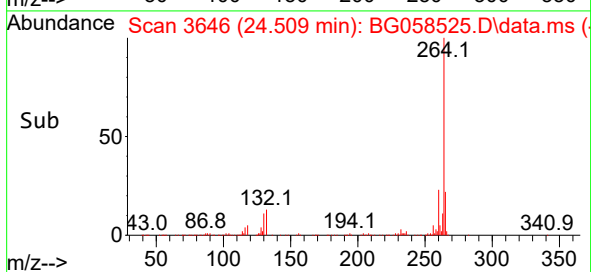
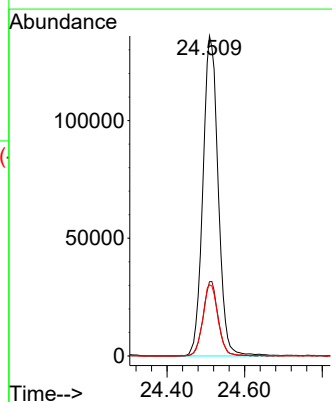
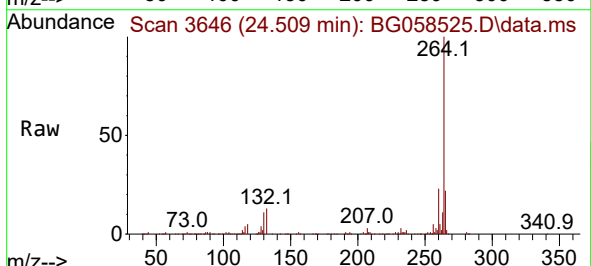
Instrument :
BNA_G
ClientSampleId :
PB154028BS

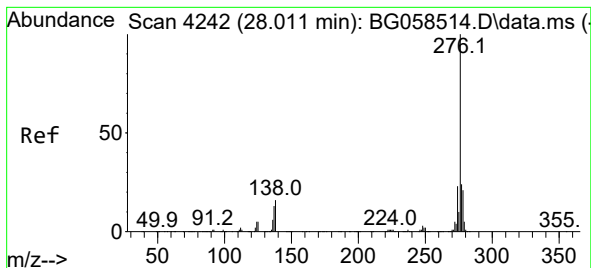
Tgt Ion:149 Resp: 1027555
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.509 min Scan# 3646
Delta R.T. -0.006 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:264 Resp: 371296
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 22.3 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.868 ng

RT: 28.011 min Scan# 41

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA_G

ClientSampleId :

PB154028BS

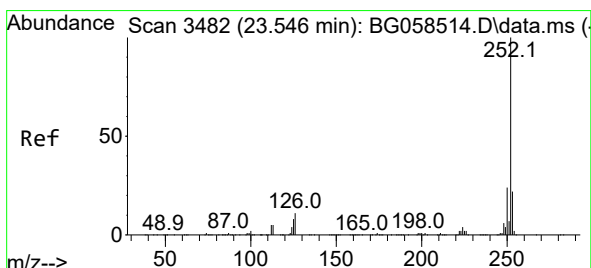
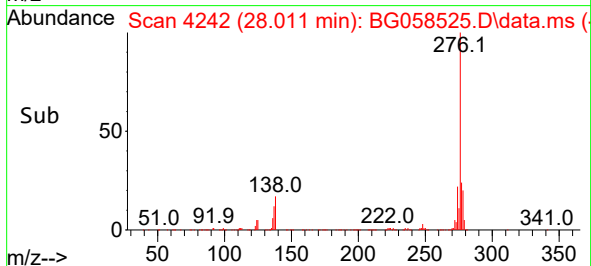
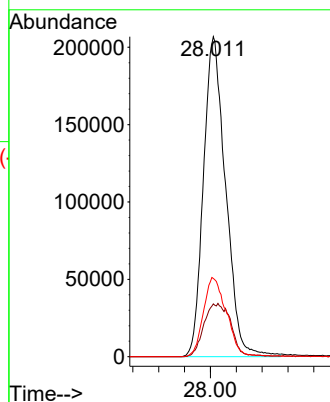
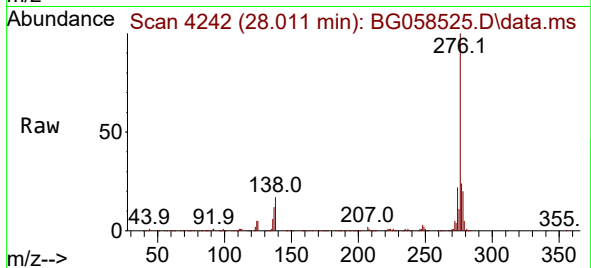
Tgt Ion:276 Resp: 1231803

Ion Ratio Lower Upper

276 100

138 9.7 16.0 24.0#

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 51.461 ng

RT: 23.540 min Scan# 3481

Delta R.T. -0.006 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

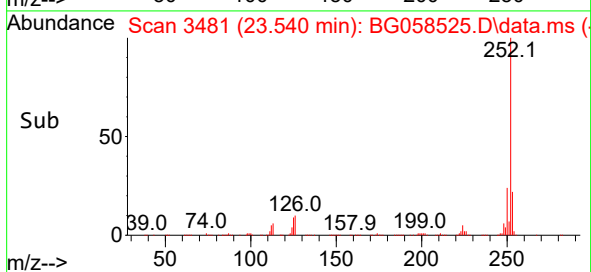
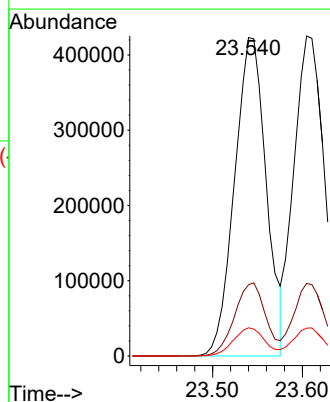
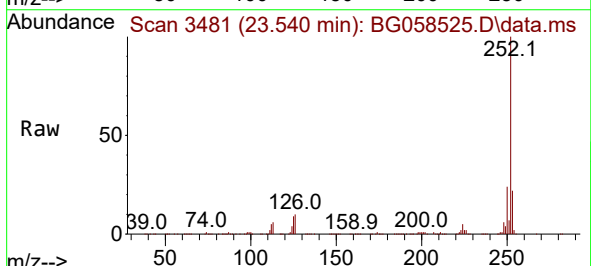
Tgt Ion:252 Resp: 1036330

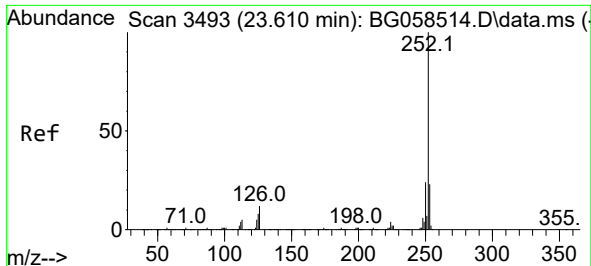
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 8.8 6.6 9.8

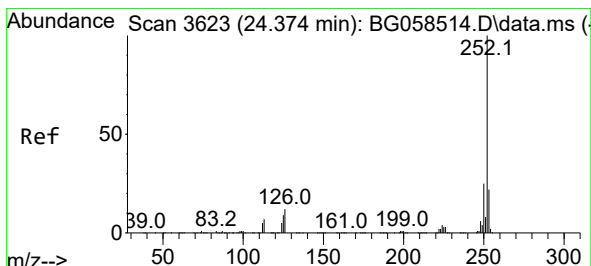
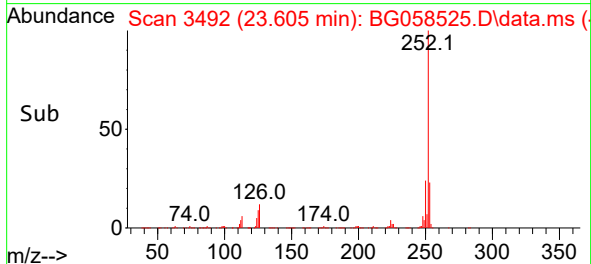
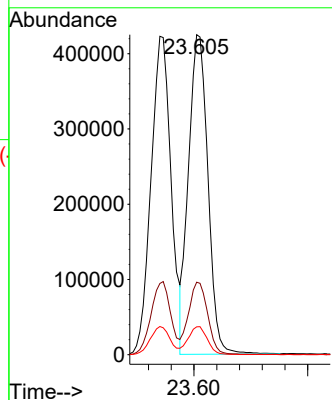
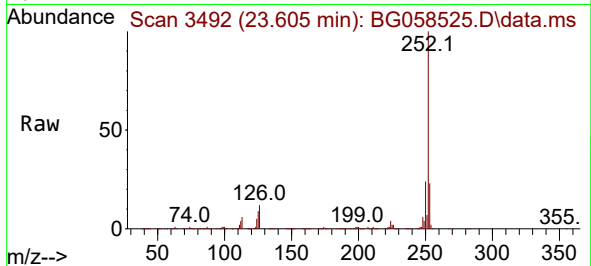




#89
Benzo(k)fluoranthene
Concen: 49.813 ng
RT: 23.605 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

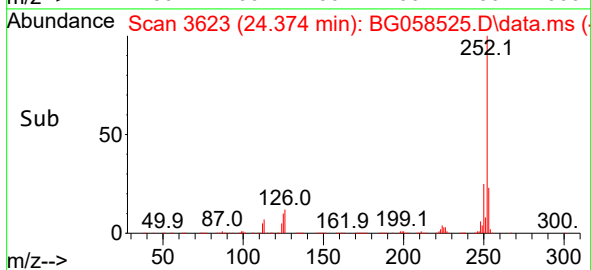
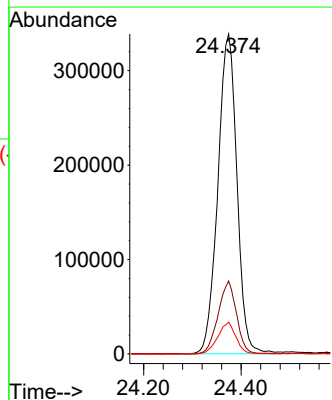
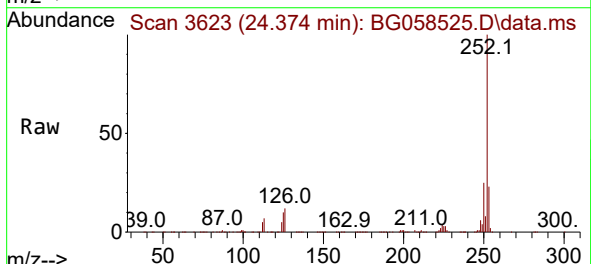
Instrument :
BNA_G
ClientSampleId :
PB154028BS

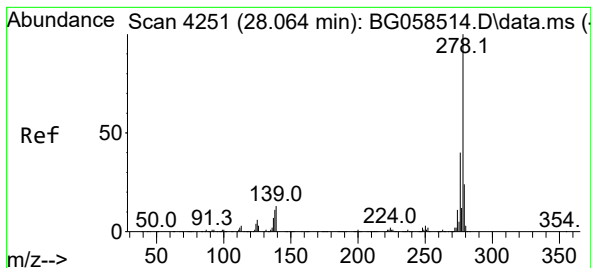
Tgt Ion:252 Resp: 1007766
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 8.7 6.6 10.0



#90
Benzo(a)pyrene
Concen: 46.577 ng
RT: 24.374 min Scan# 3623
Delta R.T. 0.000 min
Lab File: BG058525.D
Acq: 28 Jul 2023 19:41

Tgt Ion:252 Resp: 921162
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 9.9 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 49.819 ng

RT: 28.070 min Scan# 41

Delta R.T. 0.006 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA_G

ClientSampleId :

PB154028BS

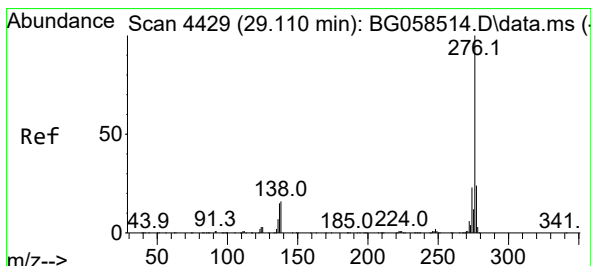
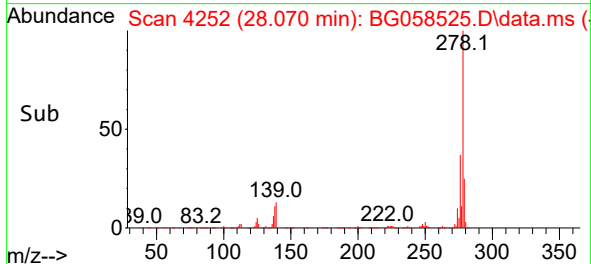
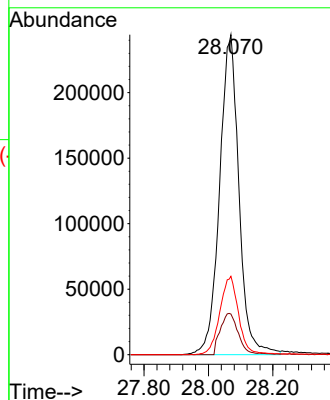
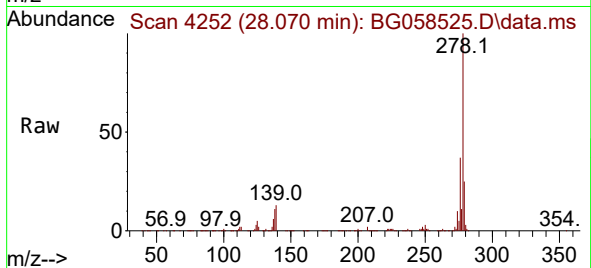
Tgt Ion:278 Resp: 1017531

Ion Ratio Lower Upper

278 100

139 12.7 10.4 15.6

279 24.5 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 49.554 ng

RT: 29.110 min Scan# 4429

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

Tgt Ion:276 Resp: 1014886

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 16.9 13.0 19.4

