

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
 Data File : BG058523.D
 Acq On : 28 Jul 2023 18:18
 Operator : MA/JU
 Sample : PB154218BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154164BS

Quant Time: Jul 28 22:54:22 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	7.814	152	48319	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	198383	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	135426	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	343912	20.000	ng	0.00
76) Chrysene-d12	21.446	240	296903	20.000	ng	0.00
86) Perylene-d12	24.513	264	380527	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.388	112	448829	141.976	ng	0.00
7) Phenol-d6	6.992	99	591866	134.549	ng	0.00
23) Nitrobenzene-d5	8.978	82	354848	87.870	ng	0.00
42) 2,4,6-Tribromophenol	15.958	330	294099	132.493	ng	0.00
45) 2-Fluorobiphenyl	13.085	172	785060	86.873	ng	0.00
79) Terphenyl-d14	19.824	244	1429823	90.562	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.267	88	58932	38.471	ng	97
3) Pyridine	3.661	79	146653	35.114	ng	98
4) n-Nitrosodimethylamine	3.584	42	76507	43.235	ng	99
6) Aniline	7.139	93	224484	41.449	ng	99
8) 2-Chlorophenol	7.380	128	158276	51.035	ng	98
9) Benzaldehyde	6.951	77	100473	42.040	ng	95
10) Phenol	7.015	94	215594	50.173	ng	97
11) bis(2-Chloroethyl)ether	7.239	93	153151	45.209	ng	99
12) 1,3-Dichlorobenzene	7.703	146	157900	47.680	ng	99
13) 1,4-Dichlorobenzene	7.850	146	161223	48.486	ng	95
14) 1,2-Dichlorobenzene	8.167	146	157186	49.443	ng	98
15) Benzyl Alcohol	8.055	79	141892	50.863	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.337	45	253642	46.093	ng	99
17) 2-Methylphenol	8.261	107	145732	46.384	ng	98
18) Hexachloroethane	8.890	117	57389	47.484	ng	92
19) n-Nitroso-di-n-propyla...	8.619	70	127178	44.760	ng	98
20) 3+4-Methylphenols	8.590	107	198919	46.806	ng	98
22) Acetophenone	8.637	105	244597	46.047	ng	99
24) Nitrobenzene	9.019	77	183259	44.638	ng	98
25) Isophorone	9.542	82	361862	43.369	ng	100
26) 2-Nitrophenol	9.730	139	83882	46.937	ng	98
27) 2,4-Dimethylphenol	9.795	122	150747	50.854	ng	96
28) bis(2-Chloroethoxy)met...	10.024	93	208606	45.940	ng	97
29) 2,4-Dichlorophenol	10.270	162	151082	49.087	ng	99
30) 1,2,4-Trichlorobenzene	10.476	180	165571	46.646	ng	99
31) Naphthalene	10.664	128	472520	45.192	ng	100
32) Benzoic acid	9.953	122	95576	42.782	ng	98
33) 4-Chloroaniline	10.776	127	144117	32.623	ng	99
34) Hexachlorobutadiene	10.946	225	103862	45.437	ng	97
35) Caprolactam	11.563	113	33283	29.284	ng	98
36) 4-Chloro-3-methylphenol	11.910	107	181702	47.724	ng	97
37) 2-Methylnaphthalene	12.280	142	322373	43.102	ng	99
38) 1-Methylnaphthalene	12.497	142	309059	43.470	ng	97
40) 1,2,4,5-Tetrachloroben...	12.650	216	184627	44.406	ng	99
41) Hexachlorocyclopentadiene	12.627	237	212676	107.564	ng	98
43) 2,4,6-Trichlorophenol	12.897	196	136050	47.574	ng	99

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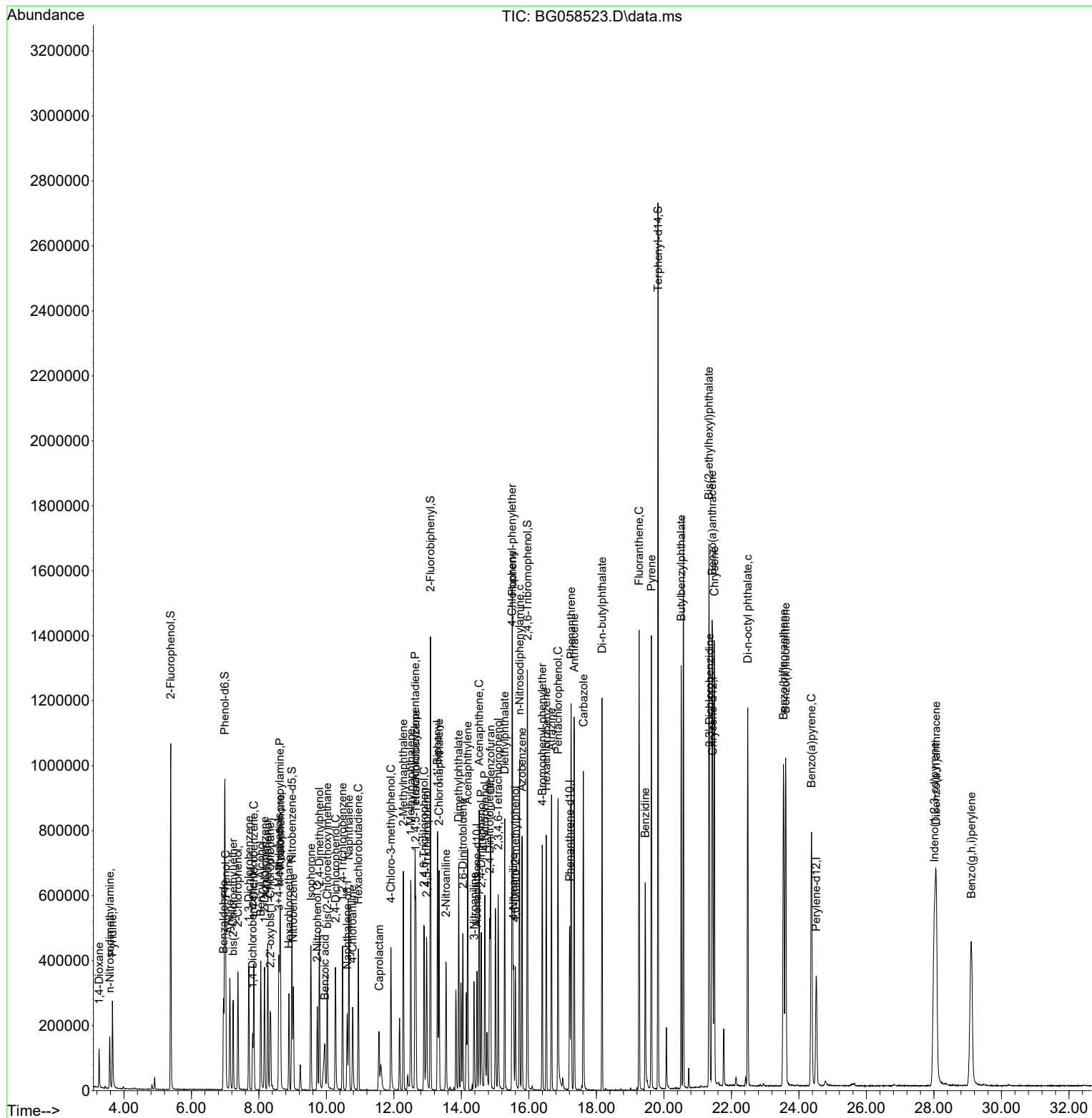
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	148112	43.972	ng	98
46) 1,1'-Biphenyl	13.290	154	423394	45.524	ng	100
47) 2-Chloronaphthalene	13.337	162	336277	46.373	ng	99
48) 2-Nitroaniline	13.543	65	131962	47.677	ng	97
49) Acenaphthylene	14.184	152	554306	45.657	ng	100
50) Dimethylphthalate	13.919	163	455760	44.810	ng	100
51) 2,6-Dinitrotoluene	14.042	165	104032	46.616	ng	99
52) Acenaphthene	14.524	154	320811	45.731	ng	99
53) 3-Nitroaniline	14.377	138	88566	39.667	ng	95
54) 2,4-Dinitrophenol	14.589	184	117358	92.044	ng	97
55) Dibenzofuran	14.865	168	546254	45.316	ng	100
56) 4-Nitrophenol	14.695	139	171594	102.730	ng	98
57) 2,4-Dinitrotoluene	14.836	165	151277	48.895	ng	99
58) Fluorene	15.511	166	437500	45.687	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.088	232	139626	48.578	ng	98
60) Diethylphthalate	15.282	149	476732	46.010	ng	99
61) 4-Chlorophenyl-phenyle...	15.500	204	241961	45.321	ng	99
62) 4-Nitroaniline	15.541	138	107439	50.796	ng	96
63) Azobenzene	15.799	77	465624	45.624	ng	98
65) 4,6-Dinitro-2-methylph...	15.599	198	92063	48.549	ng	99
66) n-Nitrosodiphenylamine	15.723	169	395768	44.215	ng	99
67) 4-Bromophenyl-phenylether	16.399	248	167962	43.059	ng	98
68) Hexachlorobenzene	16.516	284	190601	46.112	ng	99
69) Atrazine	16.669	200	166913	55.239	ng	99
70) Pentachlorophenol	16.863	266	218075	87.165	ng	98
71) Phenanthrene	17.250	178	736605	45.163	ng	100
72) Anthracene	17.339	178	752063	44.939	ng	100
73) Carbazole	17.615	167	706217	47.855	ng	100
74) Di-n-butylphthalate	18.167	149	853670	46.183	ng	100
75) Fluoranthene	19.266	202	882901	45.065	ng	98
77) Benzidine	19.448	184	432258	96.009	ng	99
78) Pyrene	19.630	202	903439	44.712	ng	99
80) Butylbenzylphthalate	20.511	149	377481	45.481	ng	98
81) Benzo(a)anthracene	21.428	228	927848	45.410	ng	100
82) 3,3'-Dichlorobenzidine	21.352	252	292610	42.355	ng	99
83) Chrysene	21.493	228	856314	43.711	ng	100
84) Bis(2-ethylhexyl)phtha...	21.334	149	547971	45.180	ng	98
85) Di-n-octyl phthalate	22.486	149	980044	45.960	ng	100
87) Indeno(1,2,3-cd)pyrene	28.014	276	1186708	46.877	ng	# 92
88) Benzo(b)fluoranthene	23.543	252	975136	47.247	ng	99
89) Benzo(k)fluoranthene	23.608	252	974023	46.977	ng	100
90) Benzo(a)pyrene	24.372	252	880460	43.439	ng	99
91) Dibenzo(a,h)anthracene	28.061	278	980682	46.850	ng	99
92) Benzo(g,h,i)perylene	29.107	276	975668	46.483	ng	98

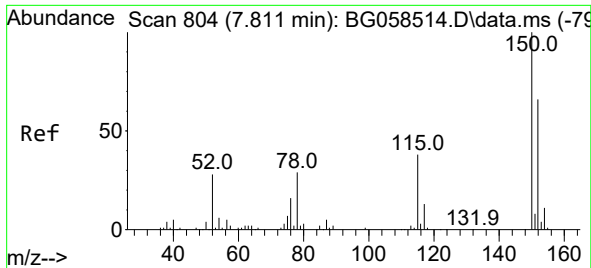
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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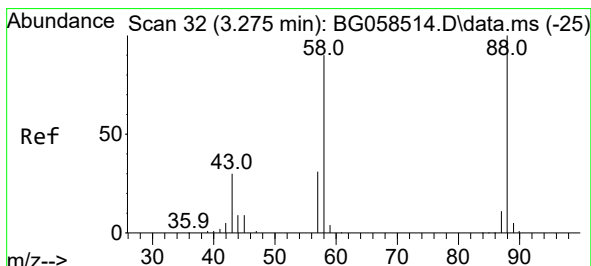
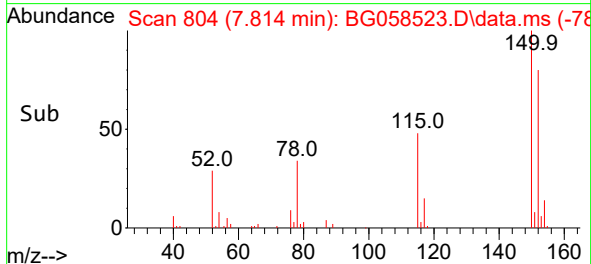
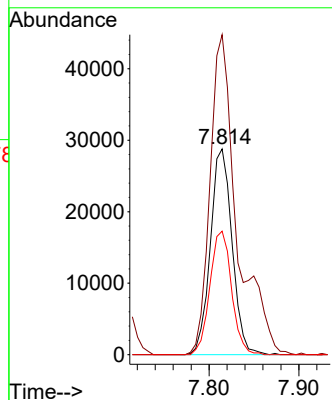
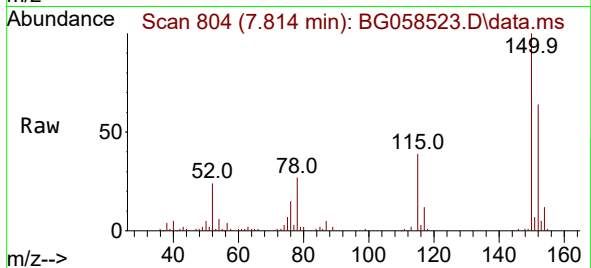




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.814 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: BG058523.D
 Acq: 28 Jul 2023 18:18

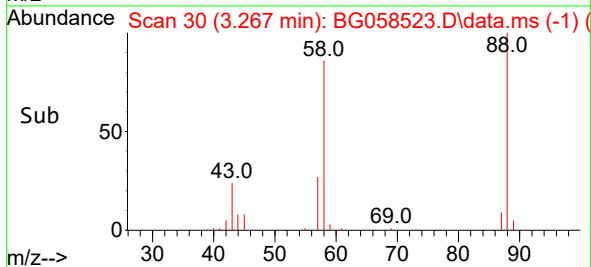
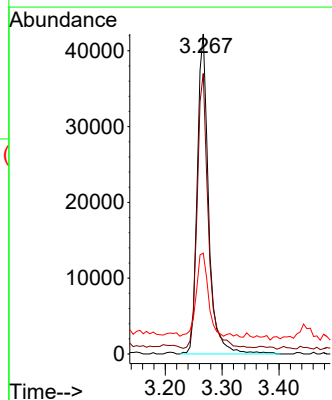
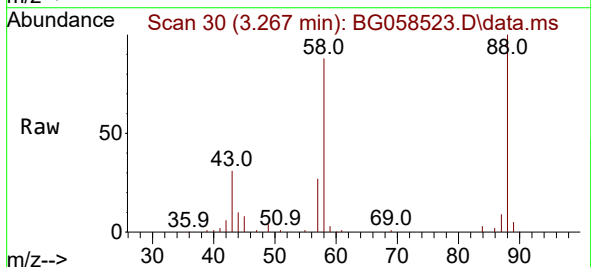
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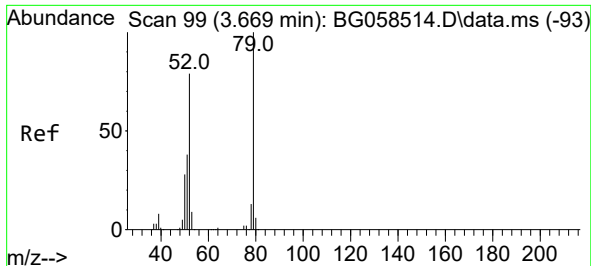
Tgt Ion:152 Resp: 48319
 Ion Ratio Lower Upper
 152 100
 150 155.5 120.5 180.7
 115 60.0 45.9 68.9



#2
 1,4-Dioxane
 Concen: 38.471 ng
 RT: 3.267 min Scan# 30
 Delta R.T. -0.008 min
 Lab File: BG058523.D
 Acq: 28 Jul 2023 18:18

Tgt Ion: 88 Resp: 58932
 Ion Ratio Lower Upper
 88 100
 58 83.8 68.9 103.3
 43 26.8 22.9 34.3



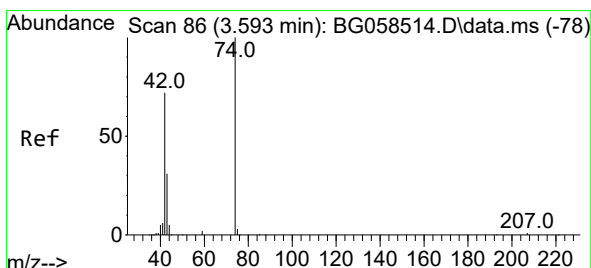
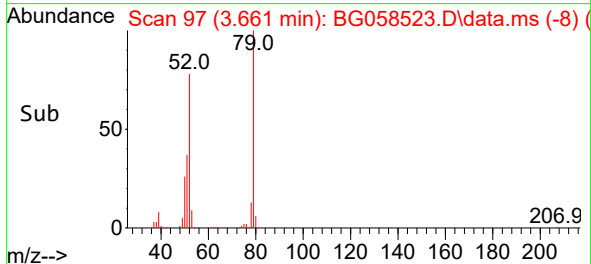
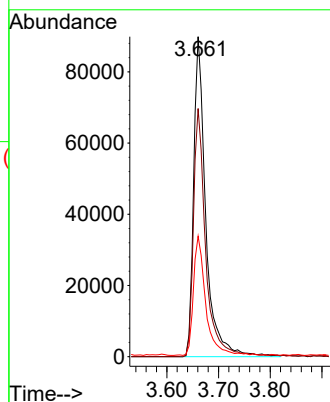
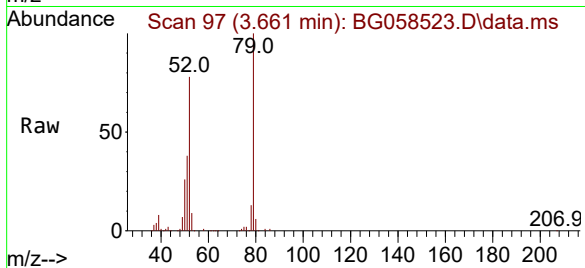


#3
 Pyridine
 Concen: 35.114 ng
 RT: 3.661 min Scan# 91
 Delta R.T. -0.008 min
 Lab File: BG058523.D
 Acq: 28 Jul 2023 18:18

Instrument :
 BNA_G
 ClientSampleId :
 PB154164BS

Tgt Ion: 79 Resp: 146653

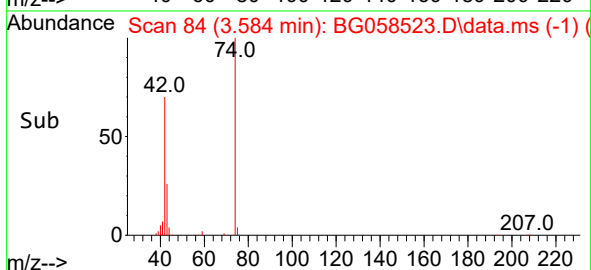
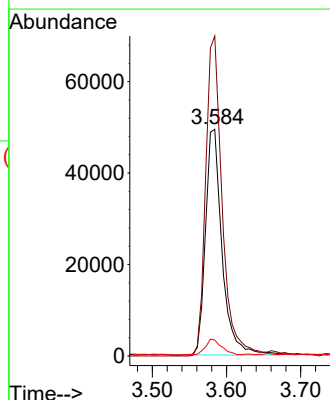
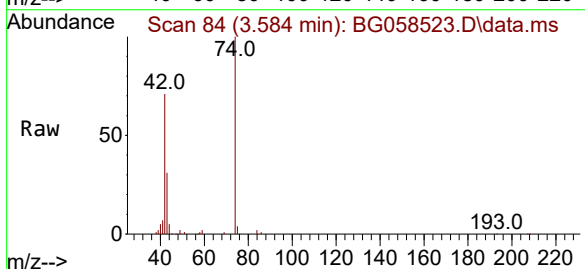
Ion	Ratio	Lower	Upper
79	100		
52	77.5	63.2	94.8
51	37.7	31.9	47.9

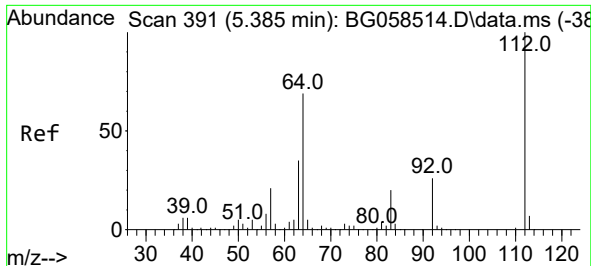


#4
 n-Nitrosodimethylamine
 Concen: 43.235 ng
 RT: 3.584 min Scan# 84
 Delta R.T. -0.008 min
 Lab File: BG058523.D
 Acq: 28 Jul 2023 18:18

Tgt Ion: 42 Resp: 76507

Ion	Ratio	Lower	Upper
42	100		
74	141.1	111.5	167.3
44	7.0	5.4	8.2

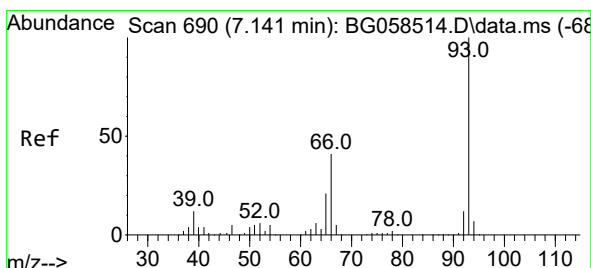
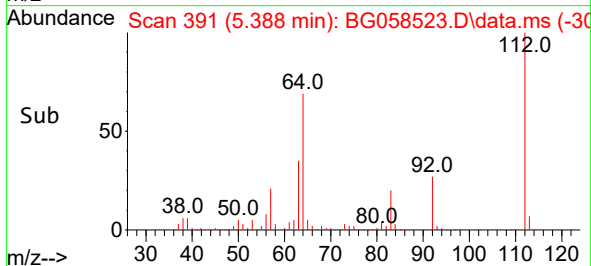
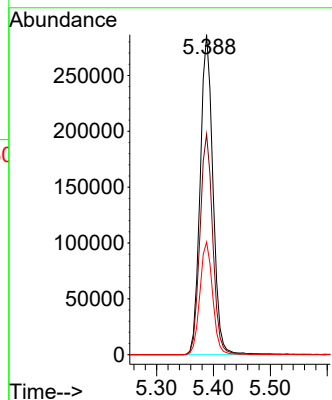
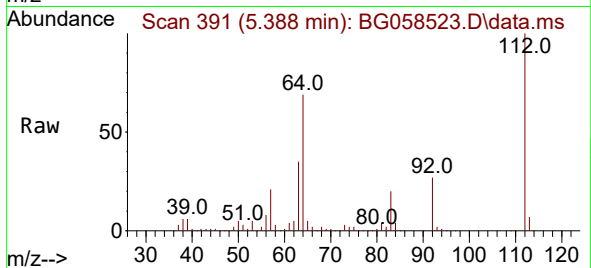




#5
2-Fluorophenol
Concen: 141.976 ng
RT: 5.388 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

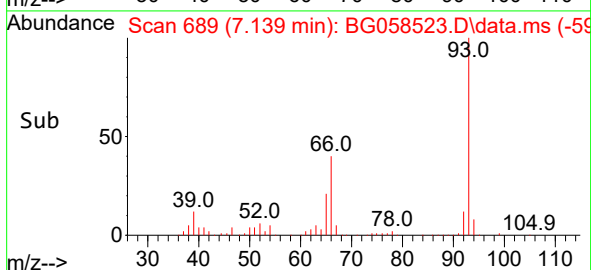
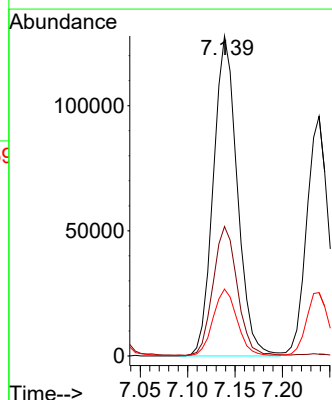
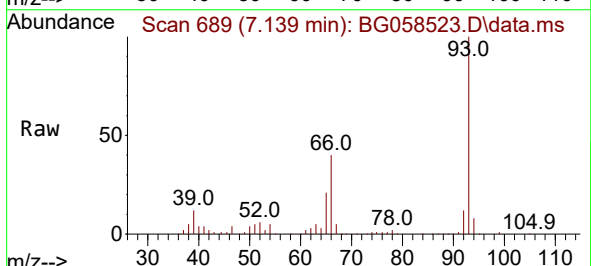
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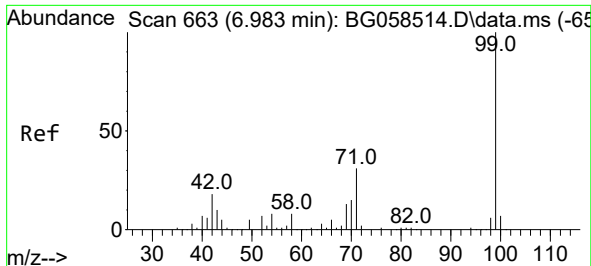
Tgt Ion:112 Resp: 448829
Ion Ratio Lower Upper
112 100
64 68.9 55.3 82.9
63 35.2 28.3 42.5



#6
Aniline
Concen: 41.449 ng
RT: 7.139 min Scan# 689
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion: 93 Resp: 224484
Ion Ratio Lower Upper
93 100
66 40.4 33.1 49.7
65 20.9 17.0 25.4

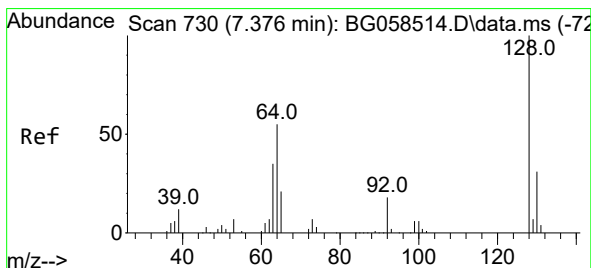
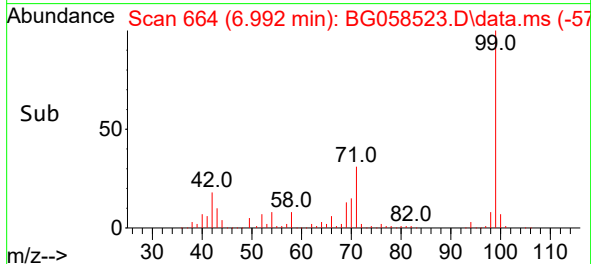
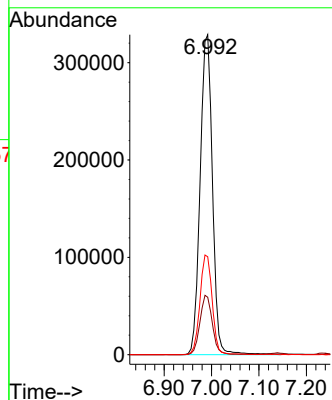
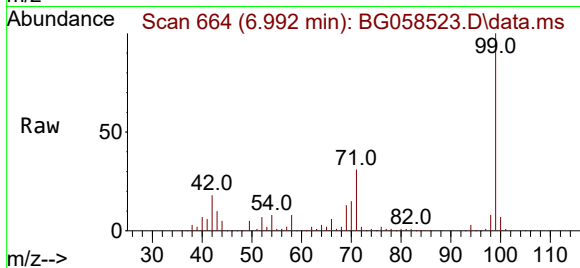




#7
Phenol-d6
Concen: 134.549 ng
RT: 6.992 min Scan# 60
Delta R.T. 0.009 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

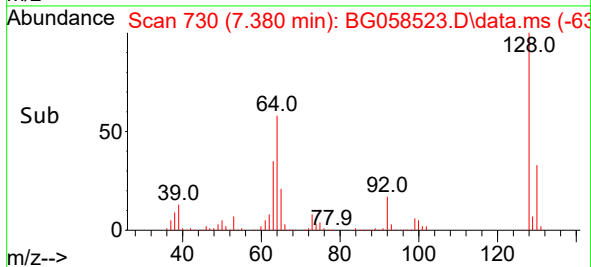
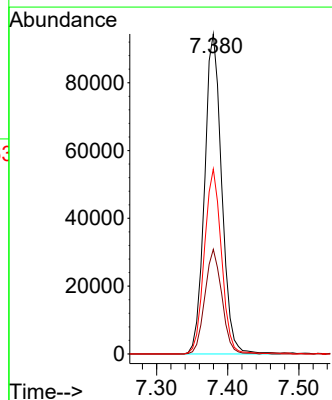
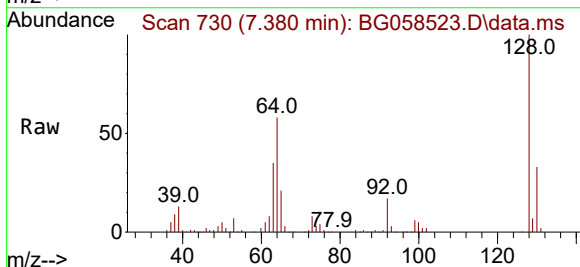
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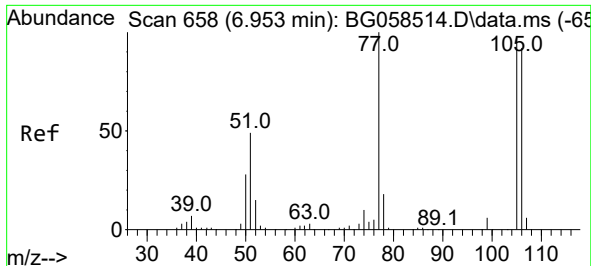
Tgt Ion: 99 Resp: 591866
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 30.6 25.0 37.4



#8
2-Chlorophenol
Concen: 51.035 ng
RT: 7.380 min Scan# 730
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion:128 Resp: 158276
Ion Ratio Lower Upper
128 100
130 32.7 10.9 50.9
64 57.8 39.0 79.0

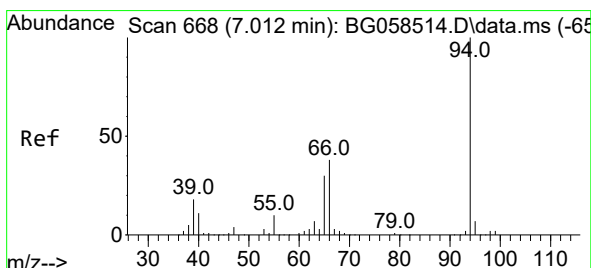
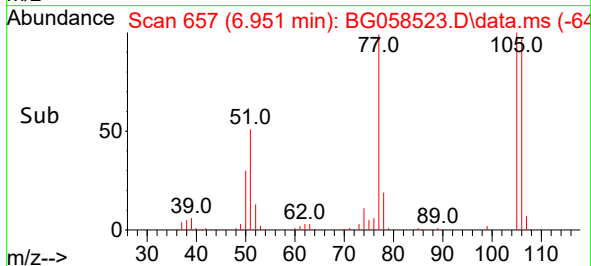
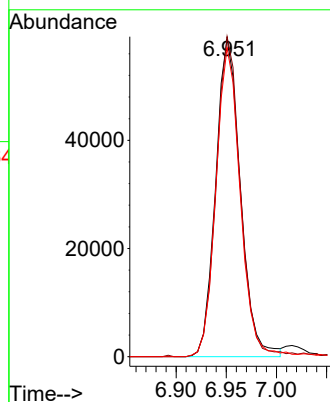
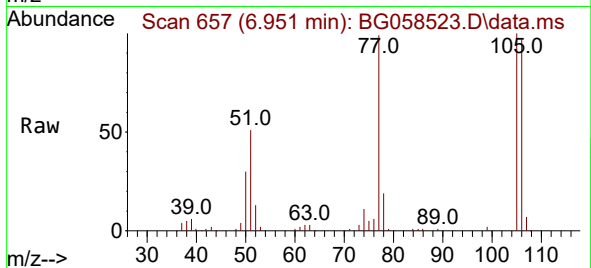




#9
Benzaldehyde
Concen: 42.040 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG058523.D
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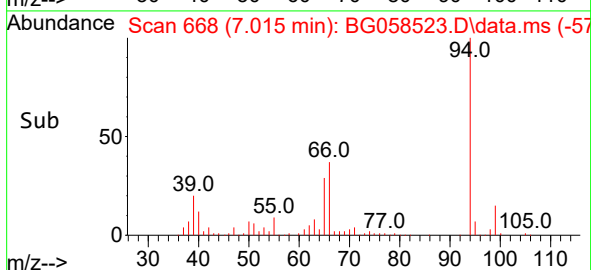
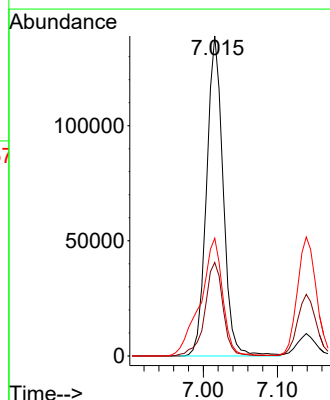
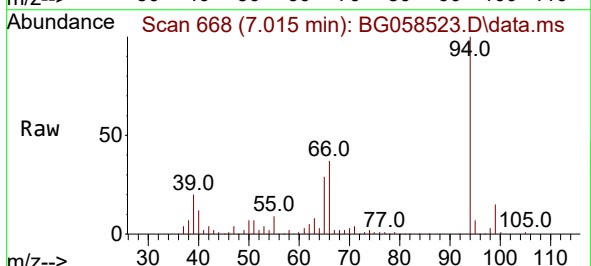
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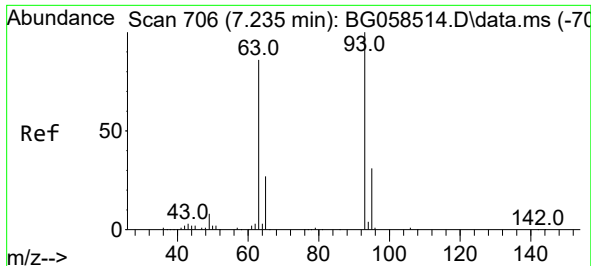
Tgt Ion: 77 Resp: 100473
Ion Ratio Lower Upper
77 100
105 100.7 77.1 117.1
106 97.3 71.6 111.6



#10
Phenol
Concen: 50.173 ng
RT: 7.015 min Scan# 668
Delta R.T. 0.003 min
Lab File: BG058523.D
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Tgt Ion: 94 Resp: 215594
Ion Ratio Lower Upper
94 100
65 29.2 10.4 50.4
66 36.8 18.7 58.7

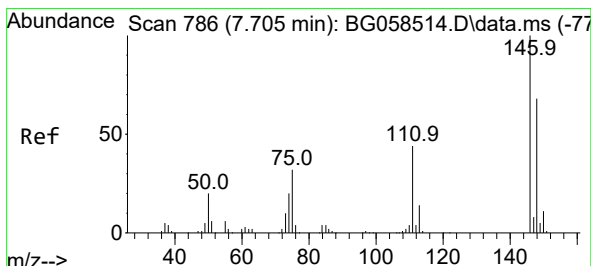
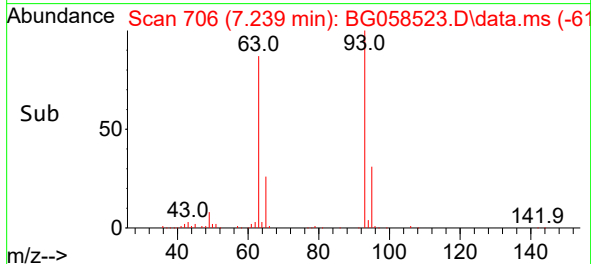
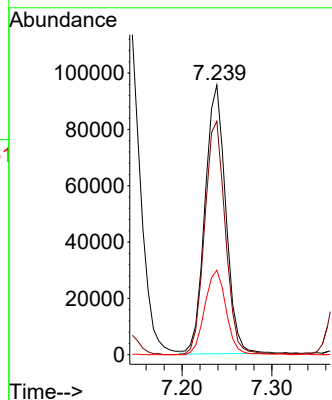
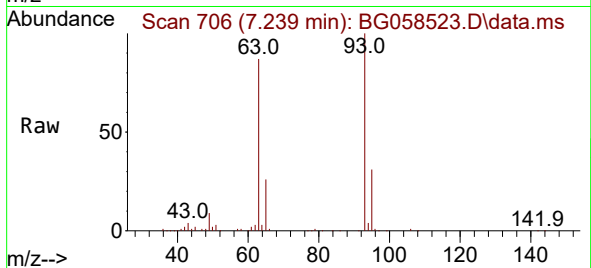




#11
bis(2-Chloroethyl)ether
Concen: 45.209 ng
RT: 7.239 min Scan# 706
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

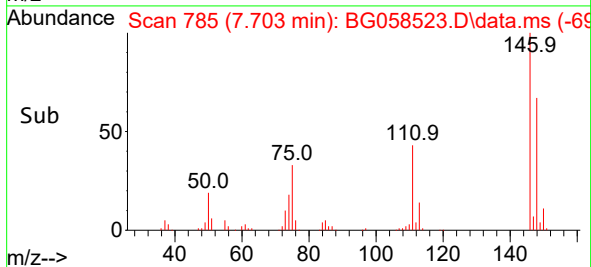
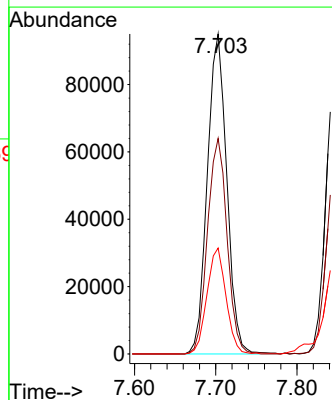
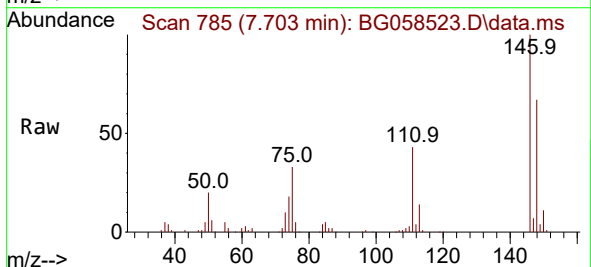
Instrument :
BNA_G
ClientSampleId :
PB154164BS

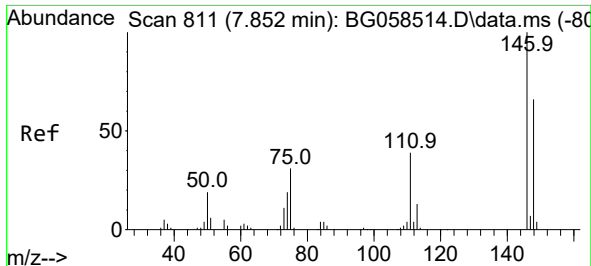
Tgt Ion: 93 Resp: 153151
Ion Ratio Lower Upper
93 100
63 86.6 65.5 105.5
95 31.4 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 47.680 ng
RT: 7.703 min Scan# 785
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion:146 Resp: 157900
Ion Ratio Lower Upper
146 100
148 67.3 54.7 82.1
75 33.1 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 48.486 ng

RT: 7.850 min Scan# 811

Delta R.T. -0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

Instrument :

BNA_G

ClientSampleId :

PB154164BS

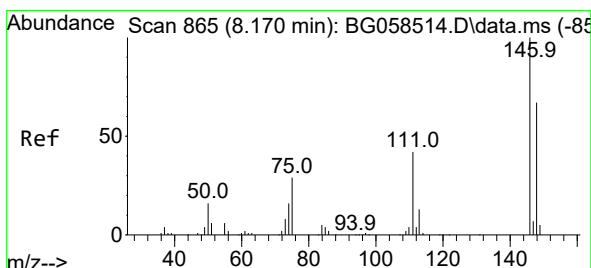
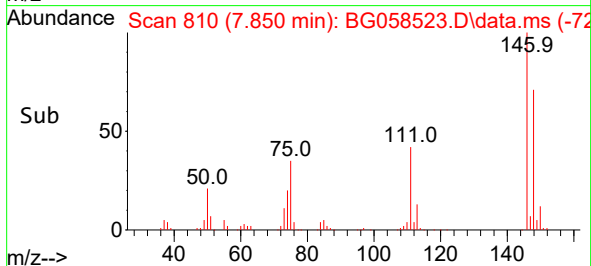
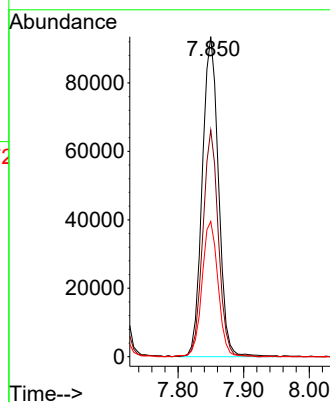
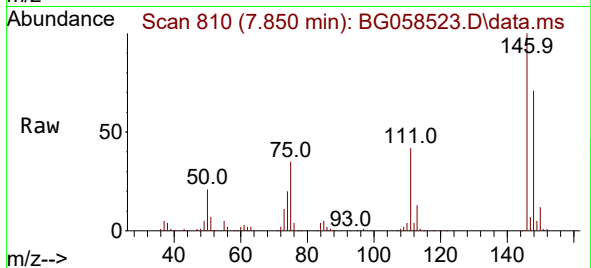
Tgt Ion:146 Resp: 161223

Ion Ratio Lower Upper

146 100

148 70.8 52.8 79.2

111 42.3 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 49.443 ng

RT: 8.167 min Scan# 864

Delta R.T. -0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

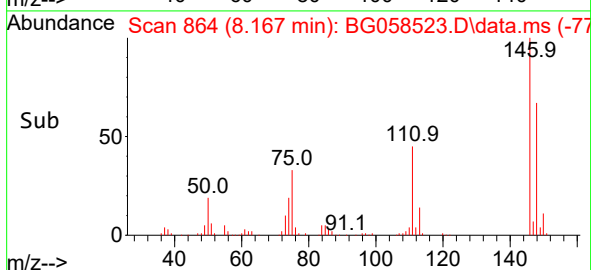
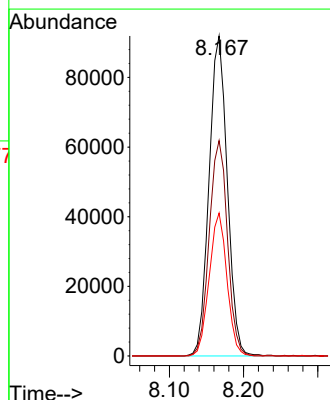
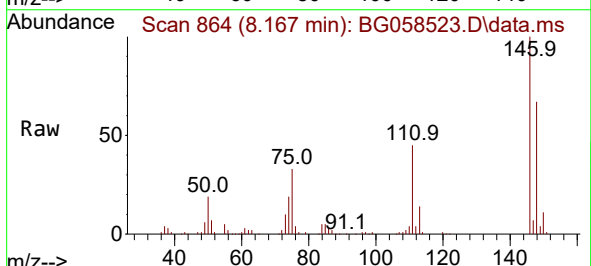
Tgt Ion:146 Resp: 157186

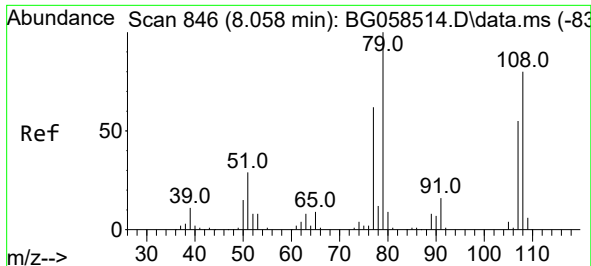
Ion Ratio Lower Upper

146 100

148 67.3 53.4 80.2

111 44.7 34.2 51.2

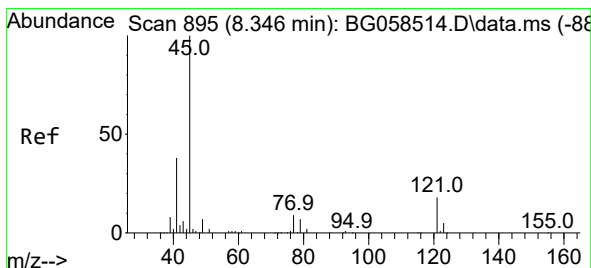
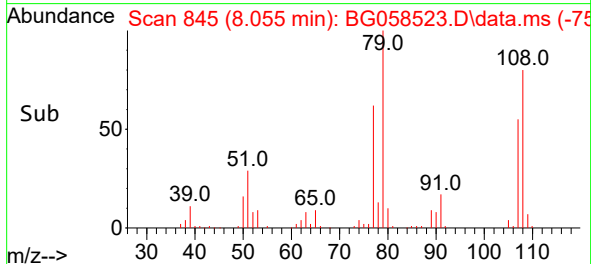
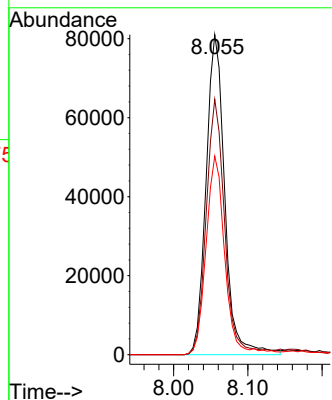
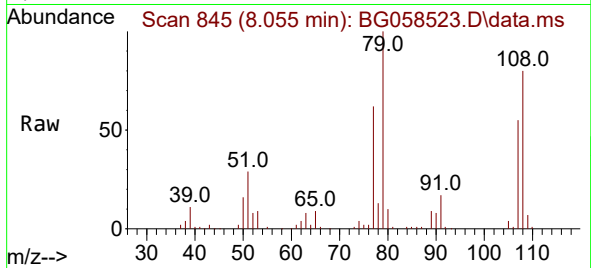




#15
Benzyl Alcohol
Concen: 50.863 ng
RT: 8.055 min Scan# 846
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

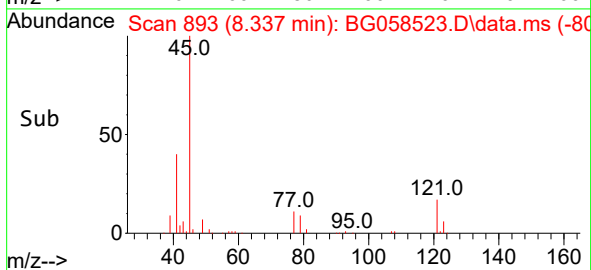
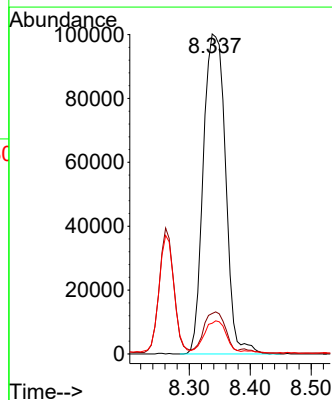
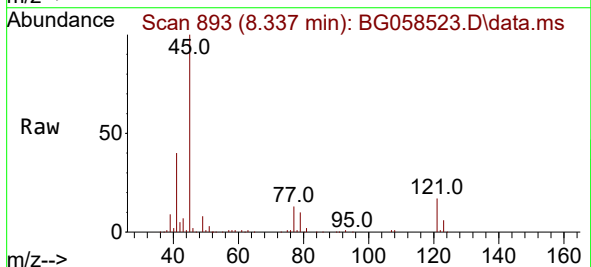
Instrument :
BNA_G
ClientSampleId :
PB154164BS

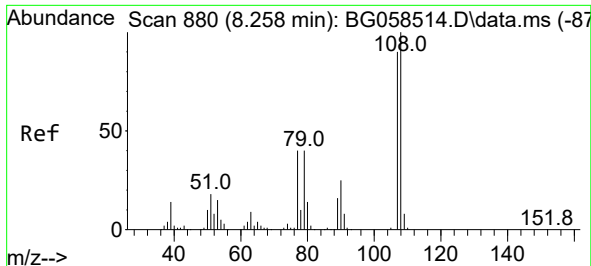
Tgt Ion: 79 Resp: 141892
Ion Ratio Lower Upper
79 100
108 79.8 63.8 95.6
77 62.0 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.093 ng
RT: 8.337 min Scan# 893
Delta R.T. -0.008 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion: 45 Resp: 253642
Ion Ratio Lower Upper
45 100
77 12.7 0.0 32.6
79 9.6 0.0 30.2

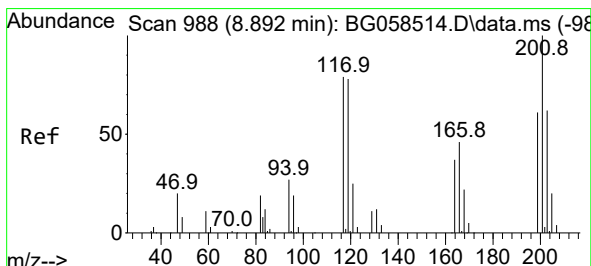
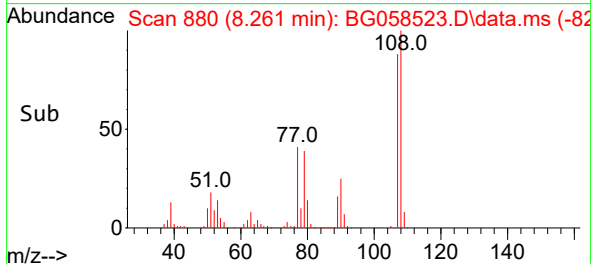
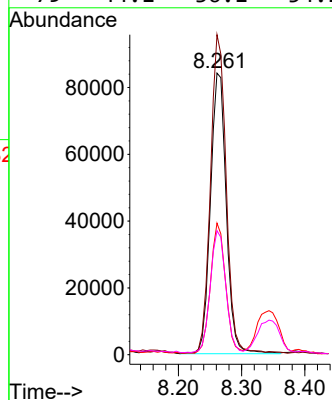
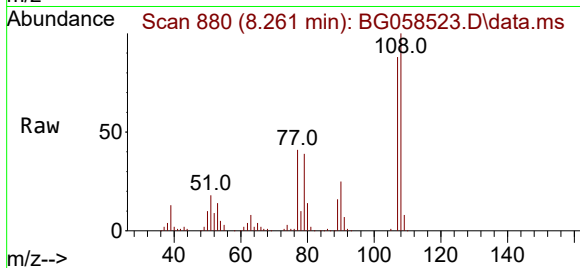




#17
2-Methylphenol
Concen: 46.384 ng
RT: 8.261 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

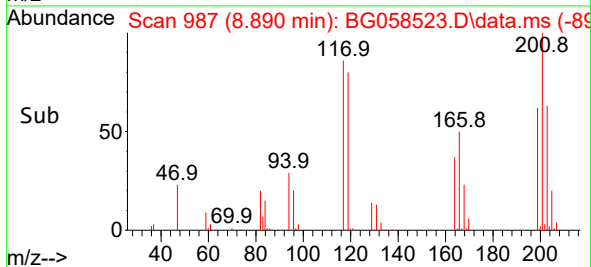
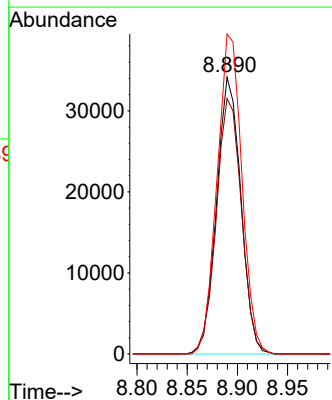
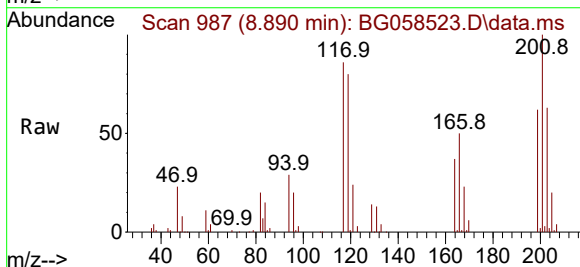
Instrument :
BNA_G
ClientSampleId :
PB154164BS

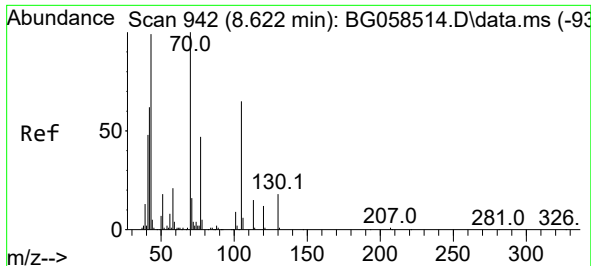
Tgt Ion:107 Resp: 145732
Ion Ratio Lower Upper
107 100
108 113.6 89.1 133.7
77 46.7 36.2 54.4
79 44.1 36.1 54.1



#18
Hexachloroethane
Concen: 47.484 ng
RT: 8.890 min Scan# 987
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion:117 Resp: 57389
Ion Ratio Lower Upper
117 100
119 92.3 78.6 117.8
201 115.7 101.4 152.0



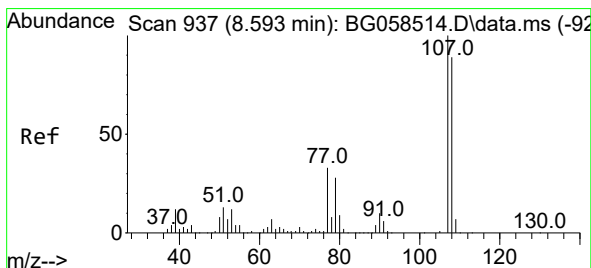
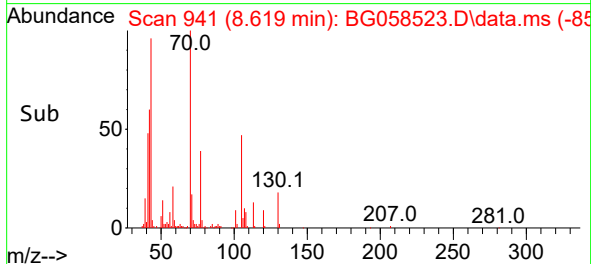
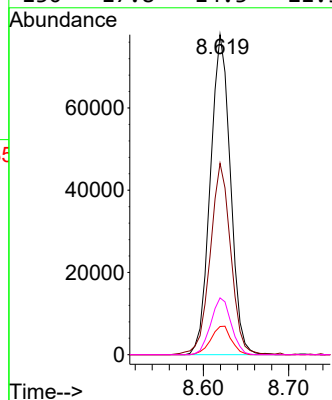
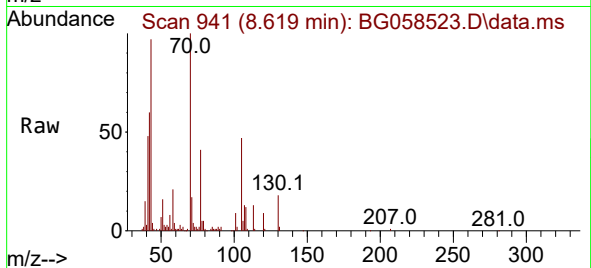


#19
n-Nitroso-di-n-propylamine
Concen: 44.760 ng
RT: 8.619 min Scan# 941
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Instrument :
BNA_G
ClientSampleId :
PB154164BS

Tgt Ion: 70 Resp: 127178

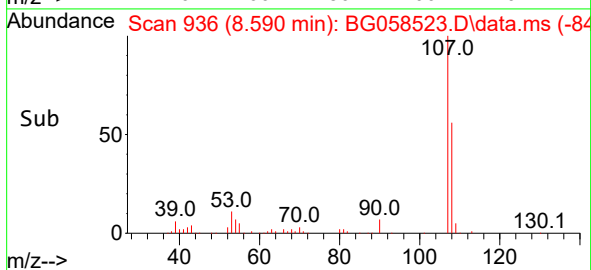
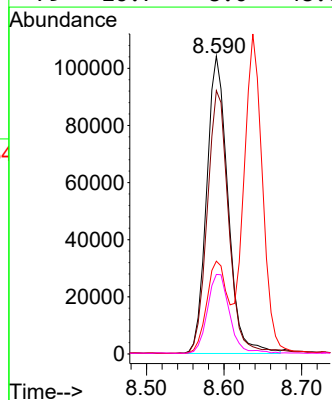
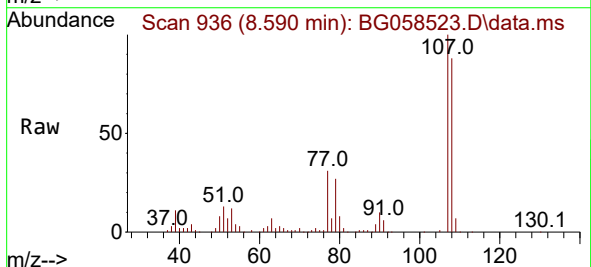
Ion	Ratio	Lower	Upper
70	100		
42	59.8	49.7	74.5
101	8.8	7.0	10.4
130	17.8	14.3	21.5

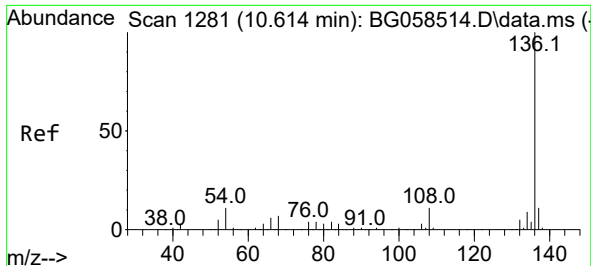


#20
3+4-Methylphenols
Concen: 46.806 ng
RT: 8.590 min Scan# 936
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion: 107 Resp: 198919

Ion	Ratio	Lower	Upper
107	100		
108	88.4	69.4	109.4
77	31.1	13.0	53.0
79	26.7	8.0	48.0

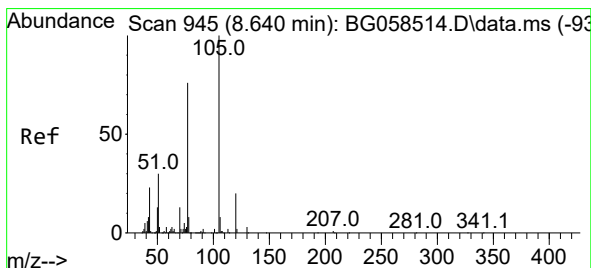
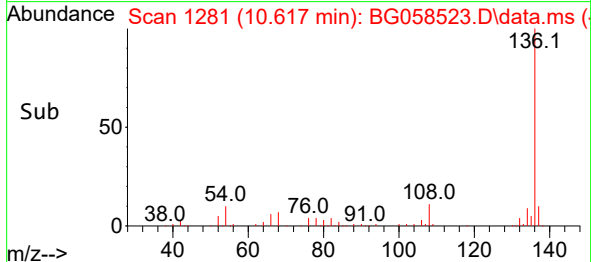
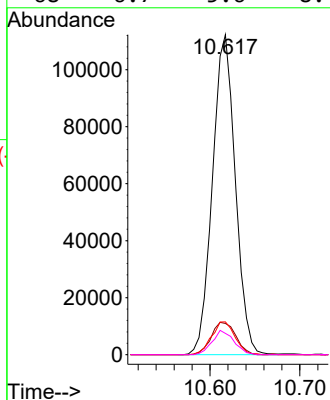
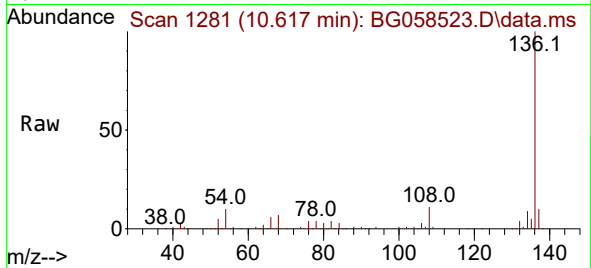




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 1281
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

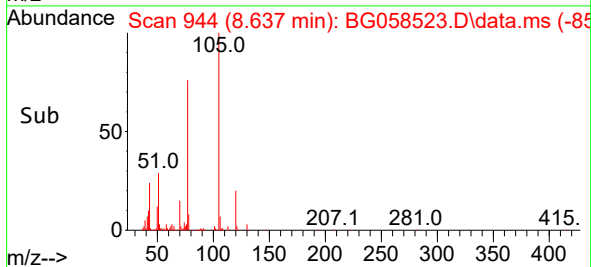
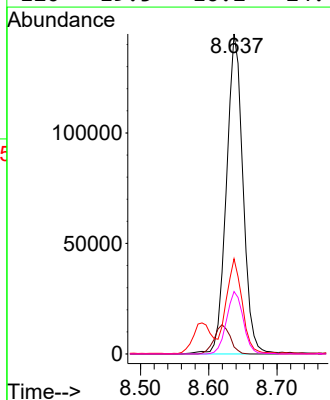
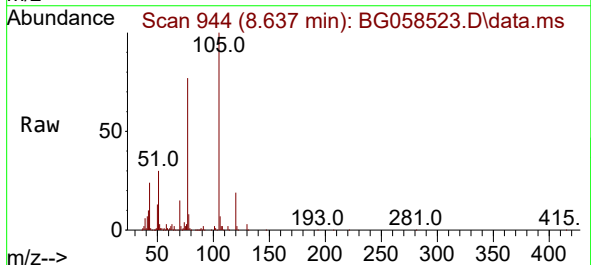
Instrument :
BNA_G
ClientSampleId :
PB154164BS

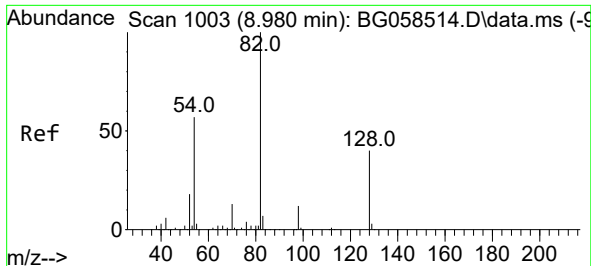
Tgt Ion:	136	Resp:	198383
Ion Ratio	Lower	Upper	
136	100		
137	9.8	8.6	13.0
54	10.2	8.9	13.3
68	6.7	5.6	8.4



#22
Acetophenone
Concen: 46.047 ng
RT: 8.637 min Scan# 944
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion:	105	Resp:	244597
Ion Ratio	Lower	Upper	
105	100		
71	2.2	1.8	2.6
51	29.8	24.2	36.2
120	19.5	16.2	24.4

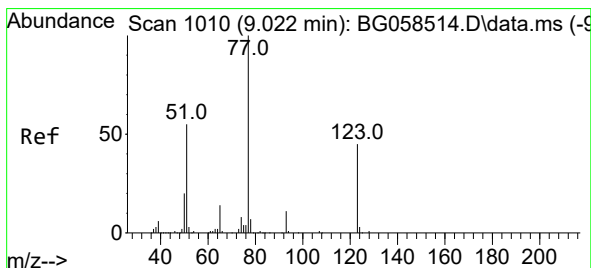
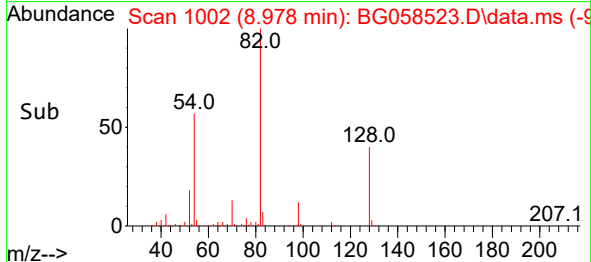
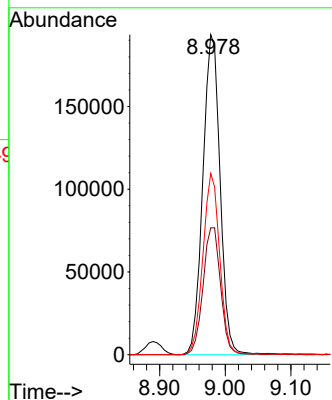
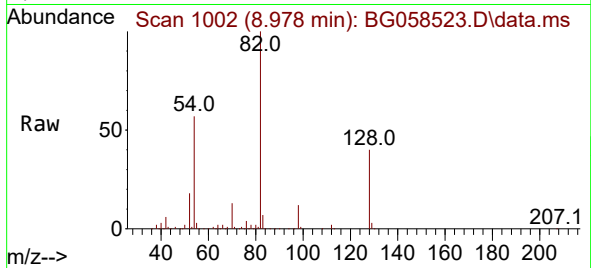




#23
Nitrobenzene-d5
Concen: 87.870 ng
RT: 8.978 min Scan# 1002
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

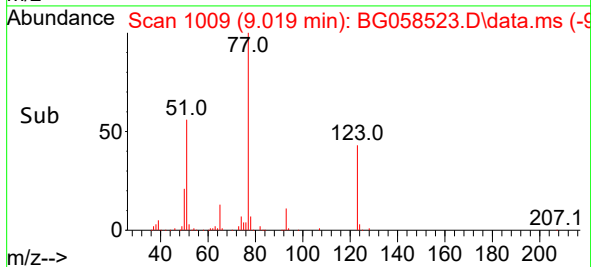
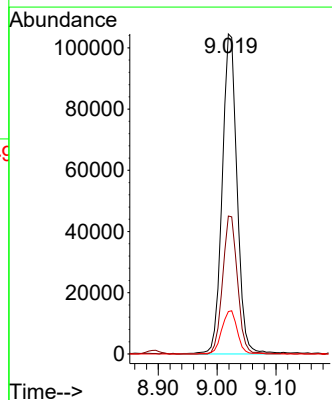
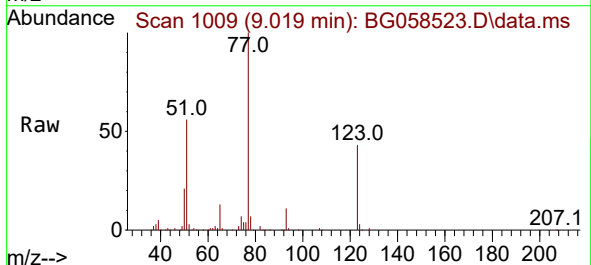
Instrument :
BNA_G
ClientSampleId :
PB154164BS

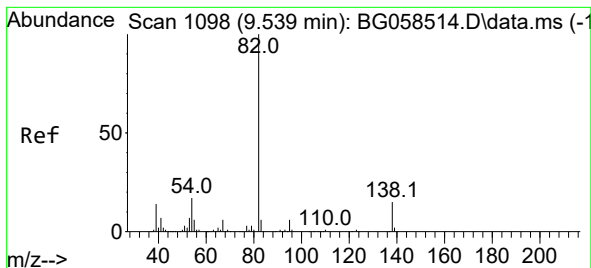
Tgt Ion: 82 Resp: 354848
Ion Ratio Lower Upper
82 100
128 39.6 32.2 48.2
54 56.6 46.0 69.0



#24
Nitrobenzene
Concen: 44.638 ng
RT: 9.019 min Scan# 1009
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion: 77 Resp: 183259
Ion Ratio Lower Upper
77 100
123 43.1 35.6 53.4
65 13.2 11.4 17.0





#25

Isophorone

Concen: 43.369 ng

RT: 9.542 min Scan# 1098

Delta R.T. 0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

Instrument :

BNA_G

ClientSampleId :

PB154164BS

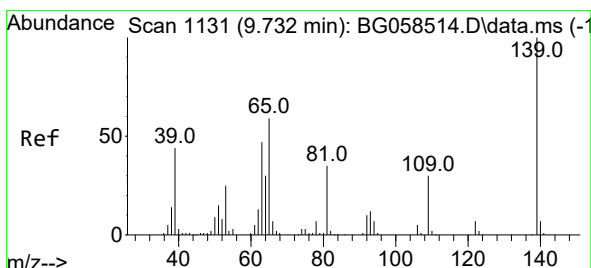
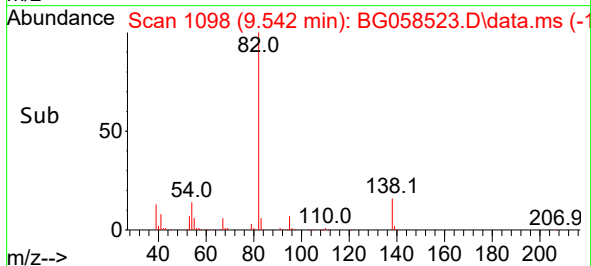
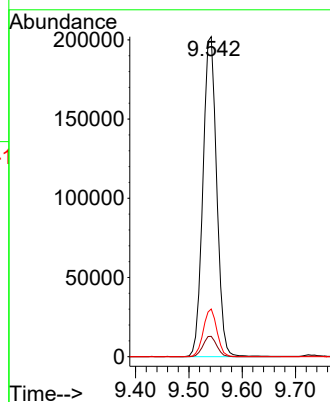
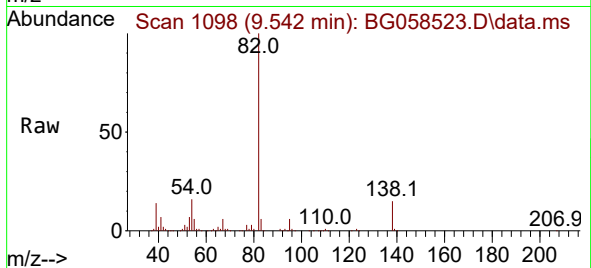
Tgt Ion: 82 Resp: 361862

Ion Ratio Lower Upper

82 100

95 6.3 5.1 7.7

138 14.9 11.9 17.9



#26

2-Nitrophenol

Concen: 46.937 ng

RT: 9.730 min Scan# 1130

Delta R.T. -0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

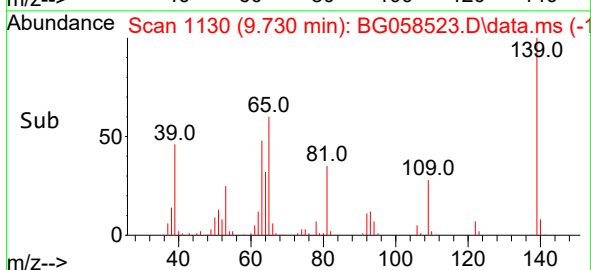
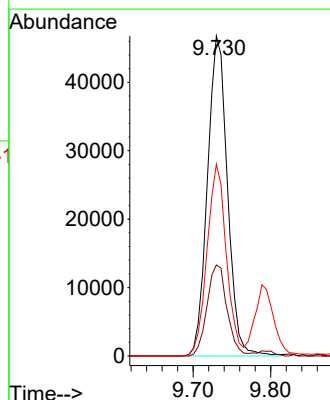
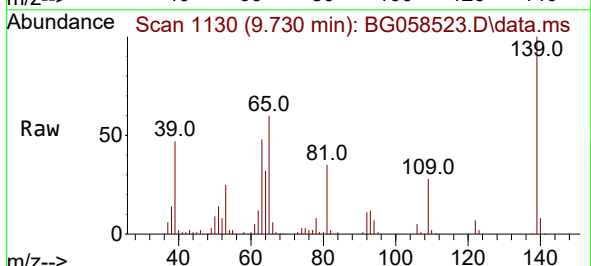
Tgt Ion:139 Resp: 83882

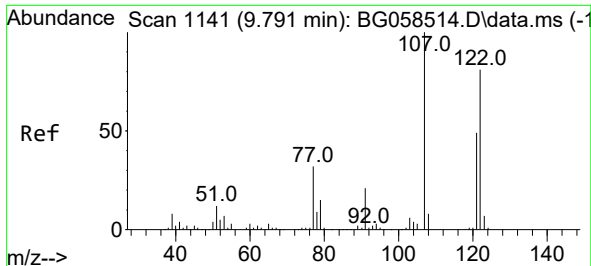
Ion Ratio Lower Upper

139 100

109 28.5 24.2 36.2

65 60.0 47.0 70.4

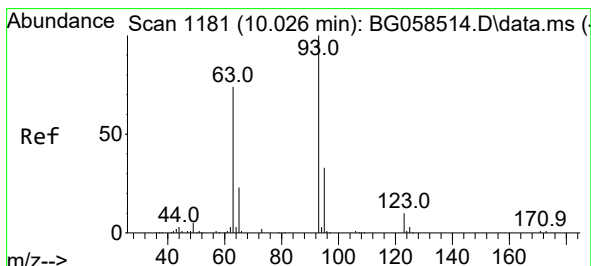
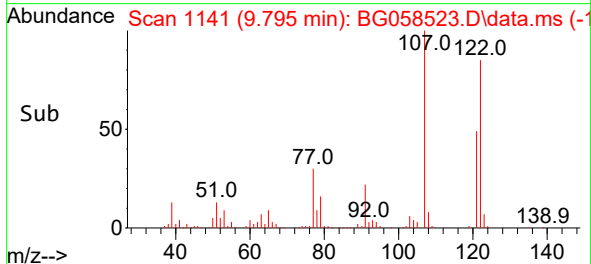
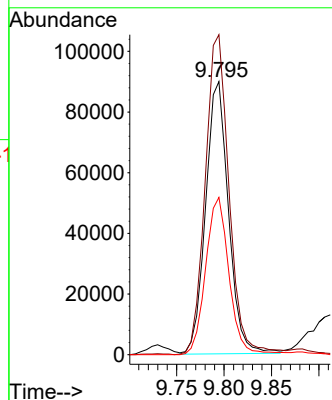
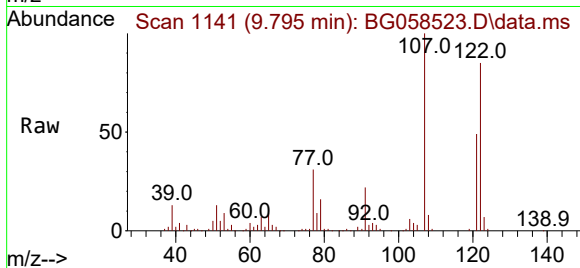




#27
2,4-Dimethylphenol
Concen: 50.854 ng
RT: 9.795 min Scan# 1141
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

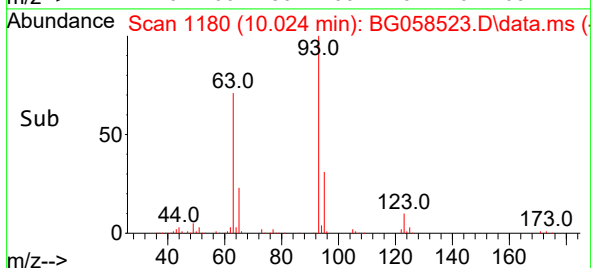
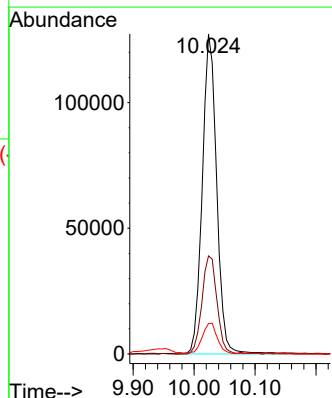
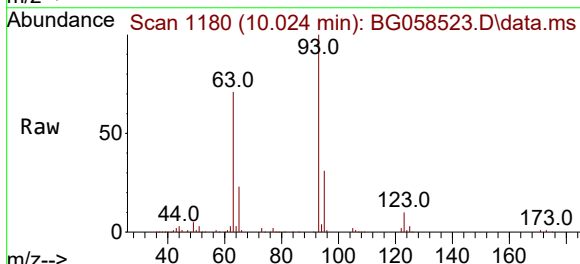
Instrument :
BNA_G
ClientSampleId :
PB154164BS

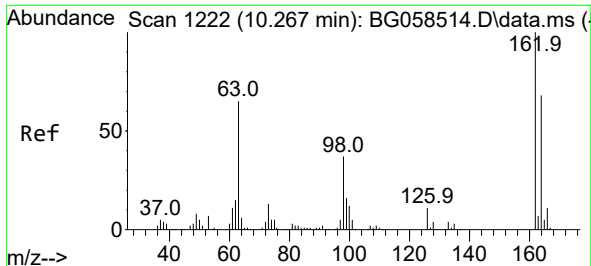
Tgt Ion:122 Resp: 150747
Ion Ratio Lower Upper
122 100
107 117.2 98.0 147.0
121 57.6 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.940 ng
RT: 10.024 min Scan# 1180
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion: 93 Resp: 208606
Ion Ratio Lower Upper
93 100
95 30.7 26.0 39.0
123 9.5 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 49.087 ng

RT: 10.270 min Scan# 11

Delta R.T. 0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

Instrument :

BNA_G

ClientSampleId :

PB154164BS

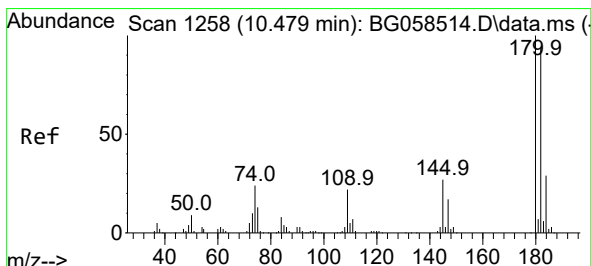
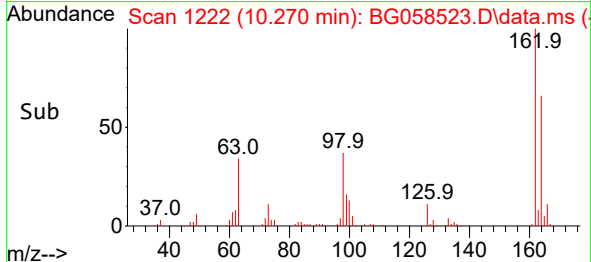
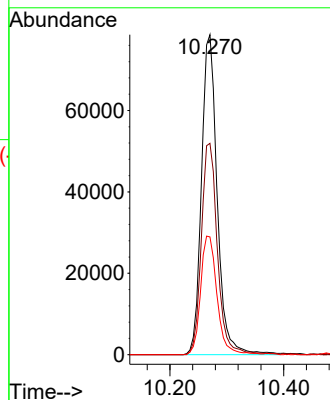
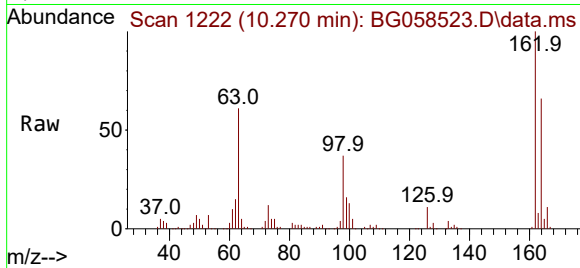
Tgt Ion:162 Resp: 151082

Ion Ratio Lower Upper

162 100

164 66.0 47.6 87.6

98 36.8 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 46.646 ng

RT: 10.476 min Scan# 1257

Delta R.T. -0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

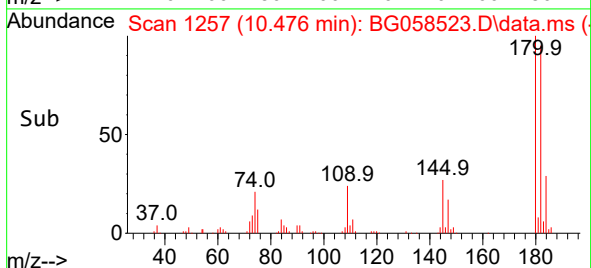
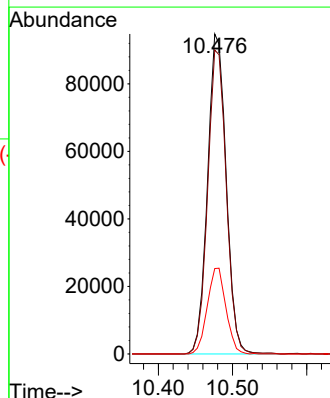
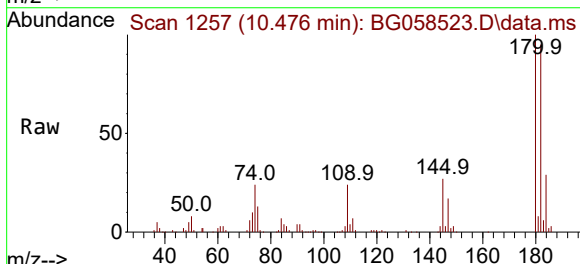
Tgt Ion:180 Resp: 165571

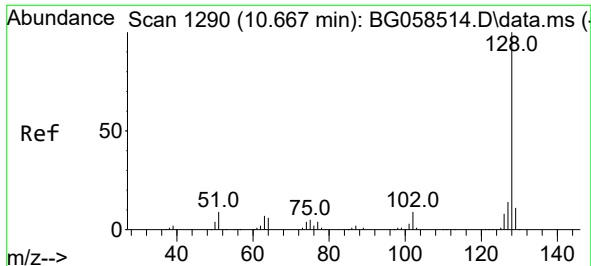
Ion Ratio Lower Upper

180 100

182 95.0 75.0 112.4

145 26.7 21.9 32.9

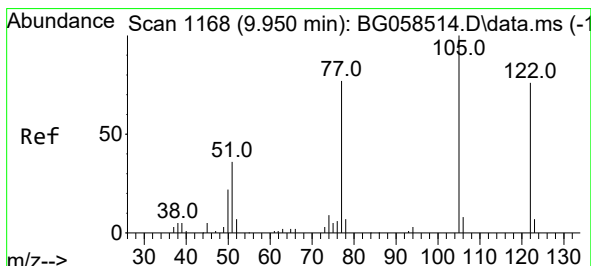
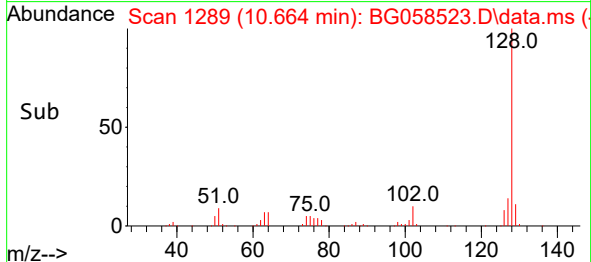
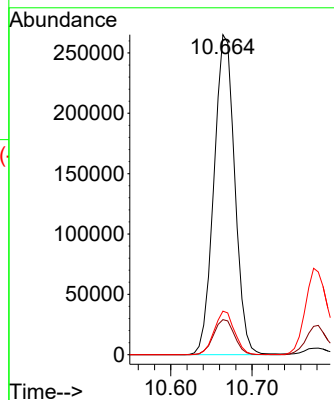
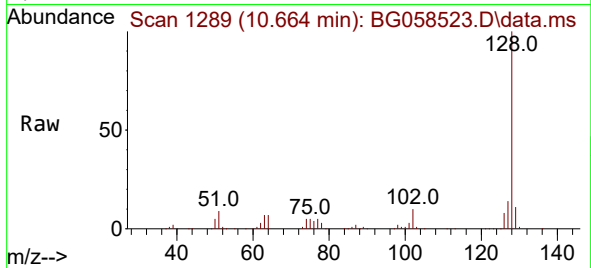




#31
Naphthalene
Concen: 45.192 ng
RT: 10.664 min Scan# 1289
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

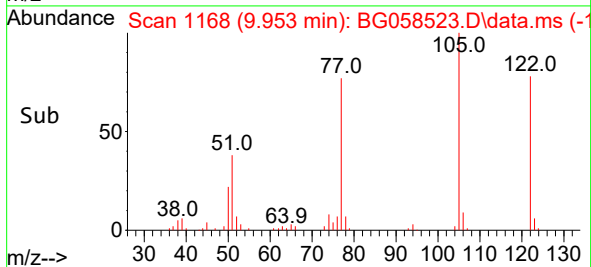
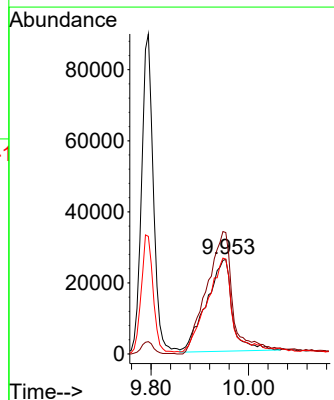
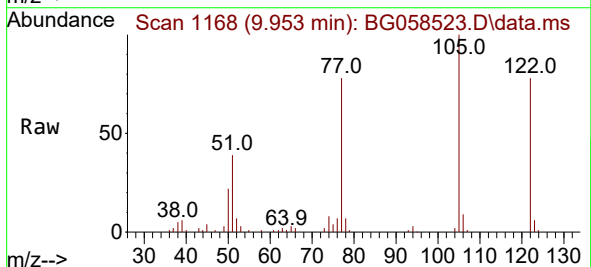
Instrument :
BNA_G
ClientSampleId :
PB154164BS

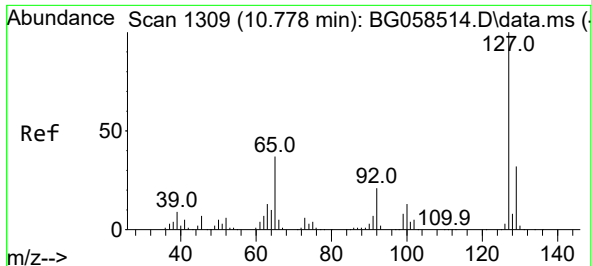
Tgt Ion:128 Resp: 472520
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 42.782 ng
RT: 9.953 min Scan# 1168
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion:122 Resp: 95576
Ion Ratio Lower Upper
122 100
105 128.4 106.5 146.5
77 100.4 78.1 118.1

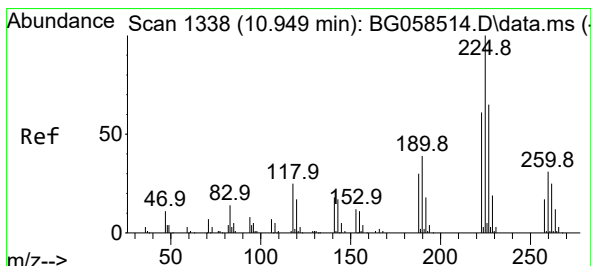
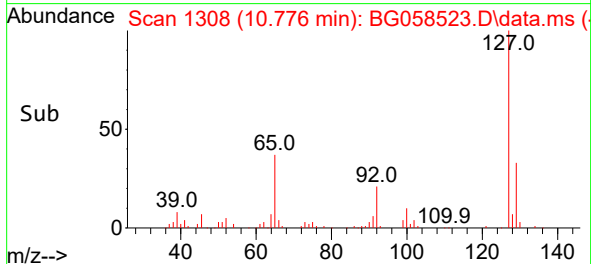
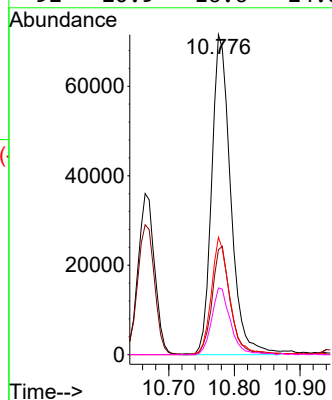
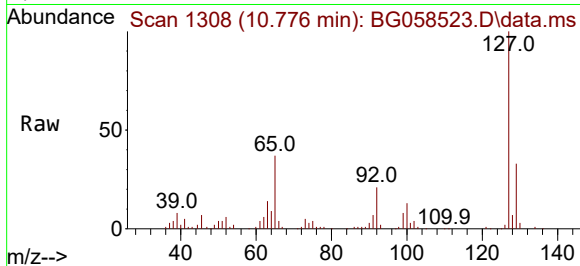




#33
4-Chloroaniline
Concen: 32.623 ng
RT: 10.776 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

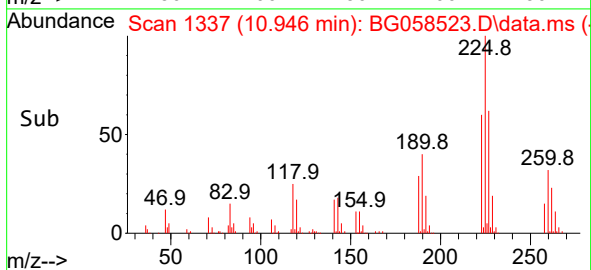
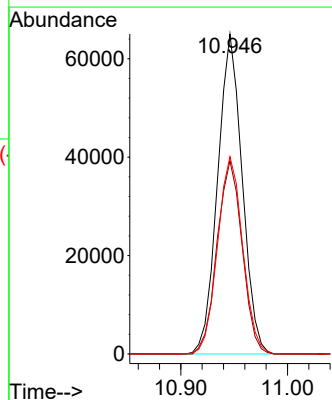
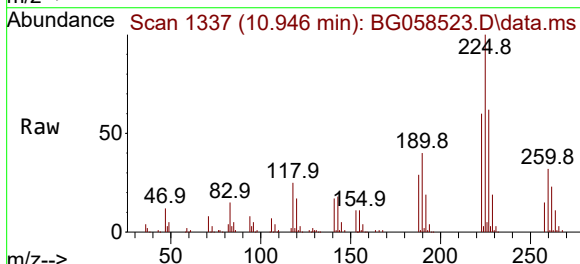
Instrument :
BNA_G
ClientSampleId :
PB154164BS

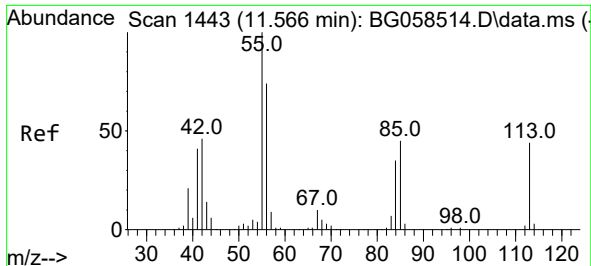
Tgt Ion:	127	Resp:	144117
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.4	38.2
65	36.7	29.5	44.3
92	20.9	16.6	24.8



#34
Hexachlorobutadiene
Concen: 45.437 ng
RT: 10.946 min Scan# 1337
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion:	225	Resp:	103862
Ion	Ratio	Lower	Upper
225	100		
223	60.3	49.0	73.6
227	61.7	51.7	77.5

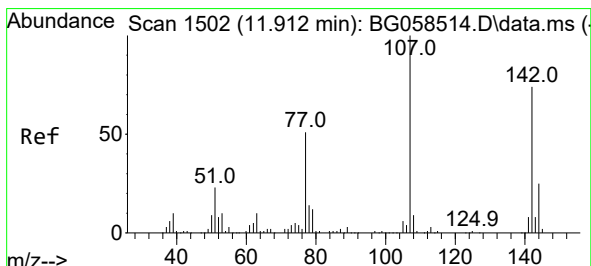
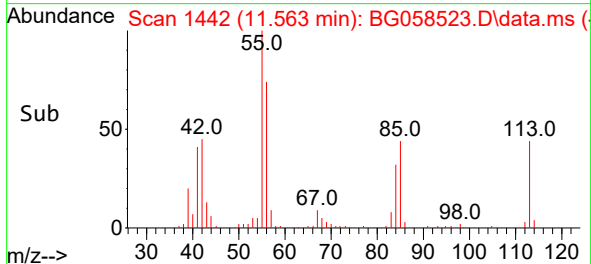
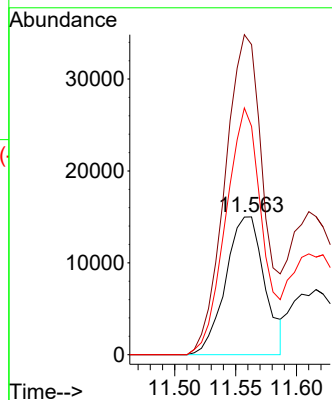
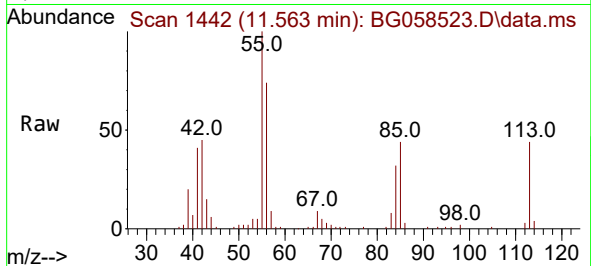




#35
 Caprolactam
 Concen: 29.284 ng
 RT: 11.563 min Scan# 1443
 Delta R.T. -0.003 min
 Lab File: BG058523.D
 Acq: 28 Jul 2023 18:18

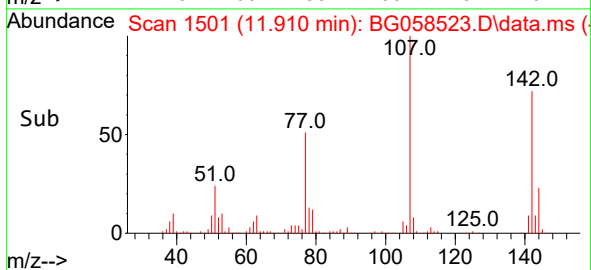
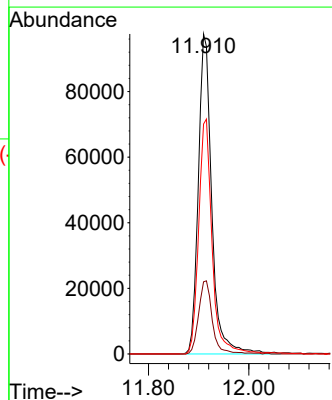
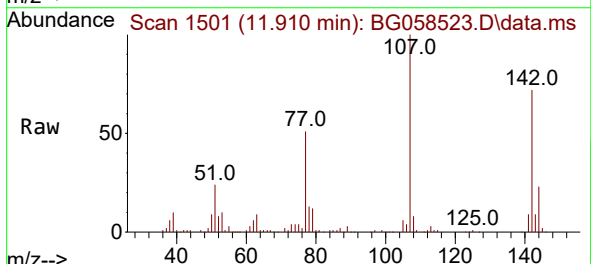
Instrument :
 BNA_G
 ClientSampleId :
 PB154164BS

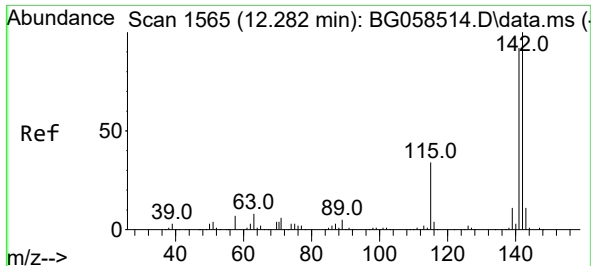
Tgt Ion:113 Resp: 33283
 Ion Ratio Lower Upper
 113 100
 55 225.1 208.0 248.0
 56 165.8 148.6 188.6



#36
 4-Chloro-3-methylphenol
 Concen: 47.724 ng
 RT: 11.910 min Scan# 1501
 Delta R.T. -0.003 min
 Lab File: BG058523.D
 Acq: 28 Jul 2023 18:18

Tgt Ion:107 Resp: 181702
 Ion Ratio Lower Upper
 107 100
 144 22.5 19.6 29.4
 142 71.8 59.3 88.9





#37

2-Methylnaphthalene

Concen: 43.102 ng

RT: 12.280 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

Instrument :

BNA_G

ClientSampleId :

PB154164BS

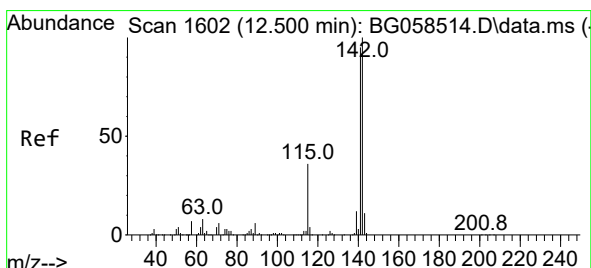
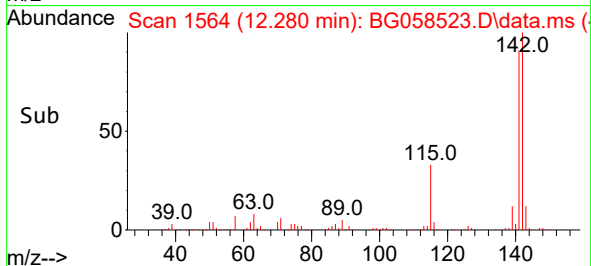
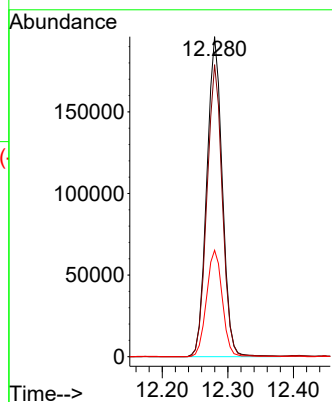
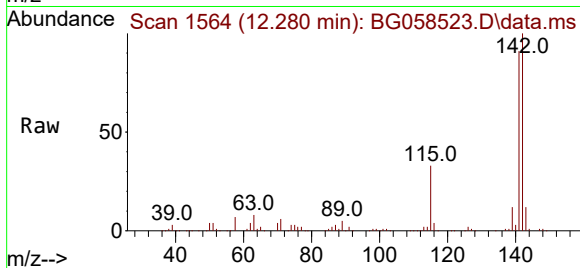
Tgt Ion:142 Resp: 322373

Ion Ratio Lower Upper

142 100

141 91.3 73.5 110.3

115 33.3 27.4 41.0



#38

1-Methylnaphthalene

Concen: 43.470 ng

RT: 12.497 min Scan# 1601

Delta R.T. -0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

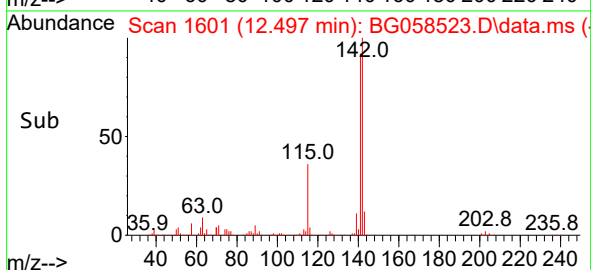
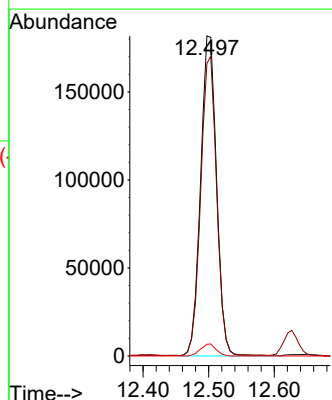
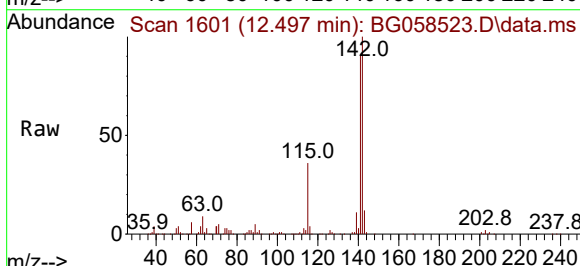
Tgt Ion:142 Resp: 309059

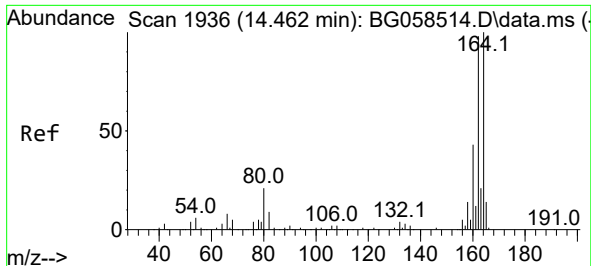
Ion Ratio Lower Upper

142 100

141 91.4 75.7 113.5

116 3.7 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.460 min Scan# 1936

Delta R.T. -0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

Instrument :

BNA_G

ClientSampleId :

PB154164BS

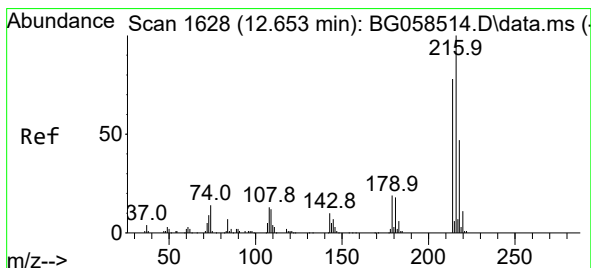
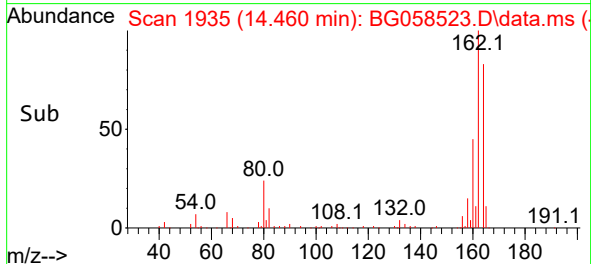
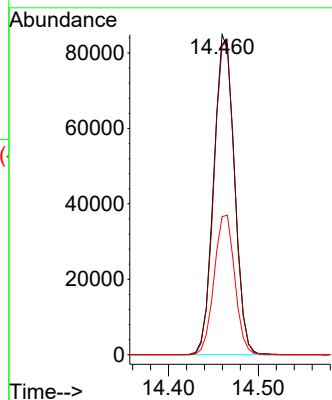
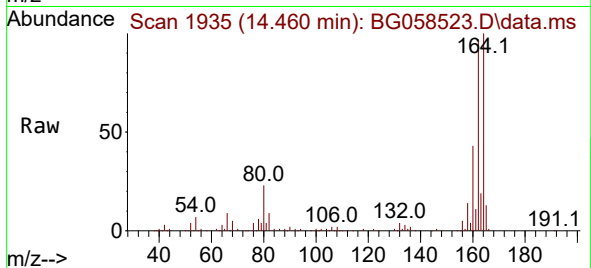
Tgt Ion:164 Resp: 135426

Ion Ratio Lower Upper

164 100

162 96.9 78.3 117.5

160 43.2 34.1 51.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.406 ng

RT: 12.650 min Scan# 1627

Delta R.T. -0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

Tgt Ion:216 Resp: 184627

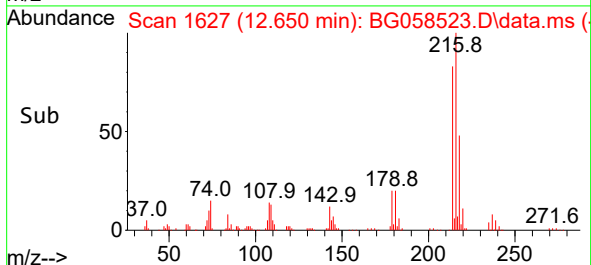
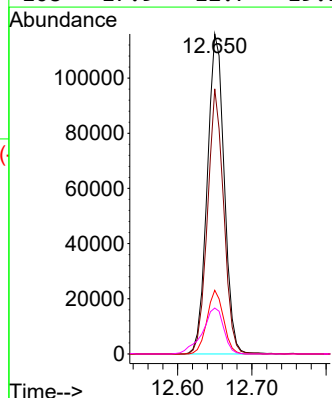
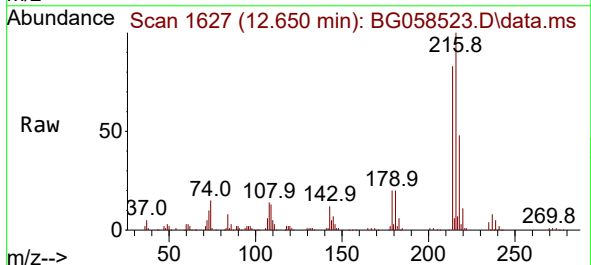
Ion Ratio Lower Upper

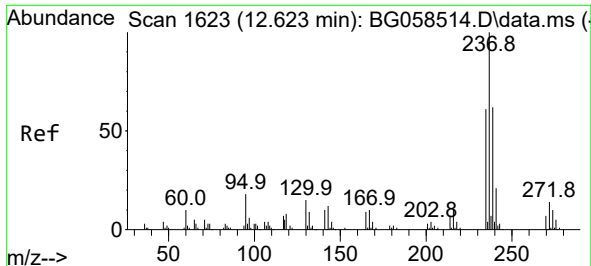
216 100

214 78.6 63.1 94.7

179 19.4 15.6 23.4

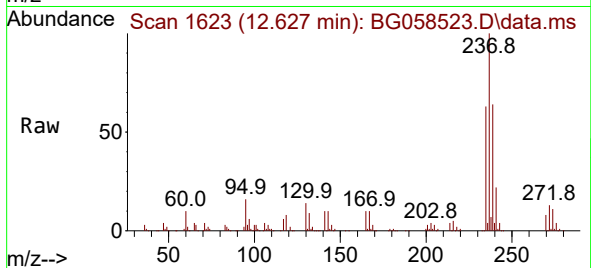
108 17.9 12.7 19.1



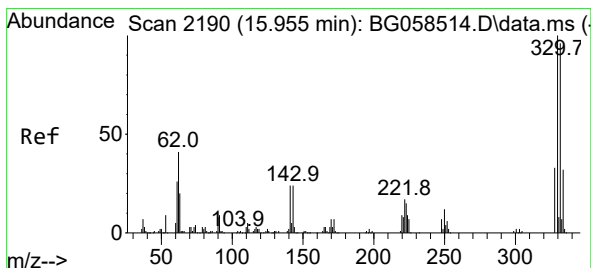
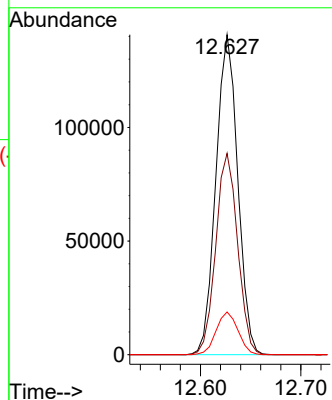
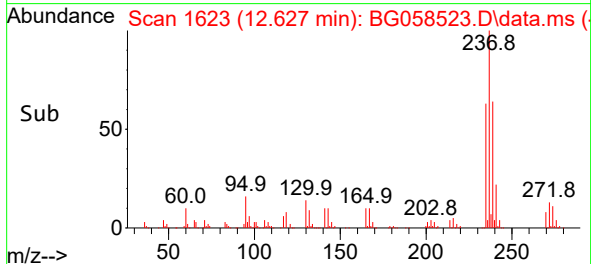


#41
Hexachlorocyclopentadiene
Concen: 107.564 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

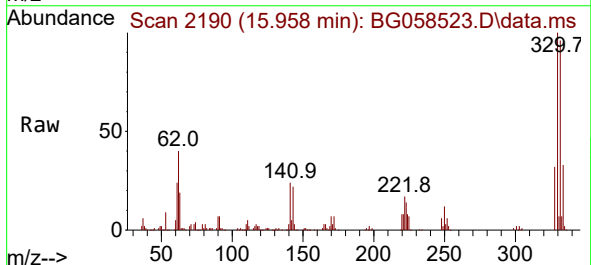
Instrument :
BNA_G
ClientSampleId :
PB154164BS



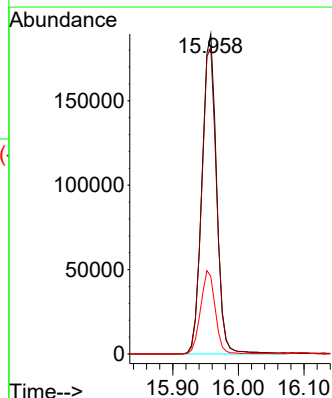
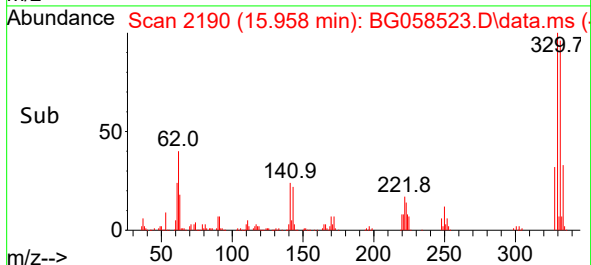
Tgt Ion:237 Resp: 212676
Ion Ratio Lower Upper
237 100
235 62.9 41.0 81.0
272 13.3 0.0 33.6

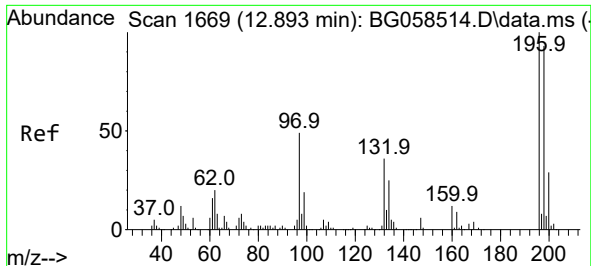


#42
2,4,6-Tribromophenol
Concen: 132.493 ng
RT: 15.958 min Scan# 2190
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18



Tgt Ion:330 Resp: 294099
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 25.9 20.7 31.1





#43

2,4,6-Trichlorophenol

Concen: 47.574 ng

RT: 12.897 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

Instrument :

BNA_G

ClientSampleId :

PB154164BS

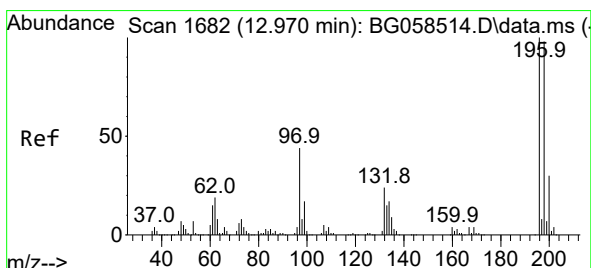
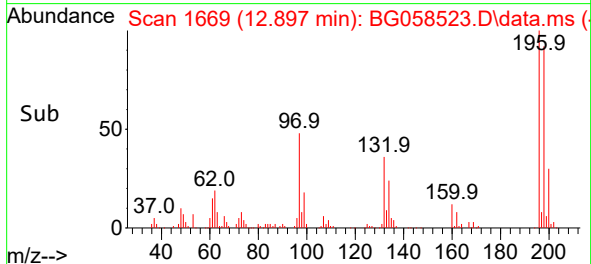
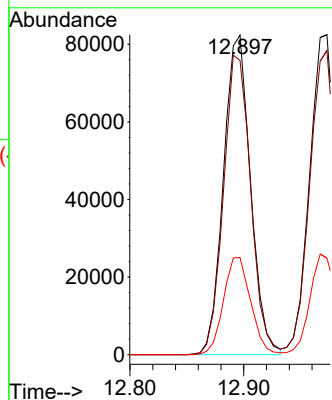
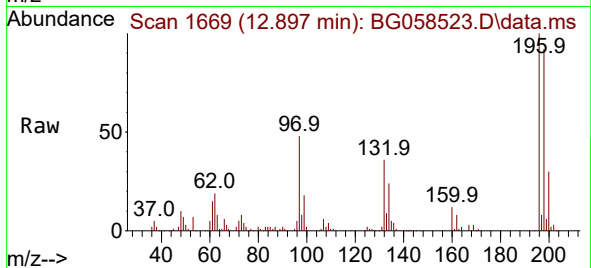
Tgt Ion:196 Resp: 136050

Ion Ratio Lower Upper

196 100

198 92.1 74.2 111.4

200 30.4 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 43.972 ng

RT: 12.973 min Scan# 1682

Delta R.T. 0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

Tgt Ion:196 Resp: 148112

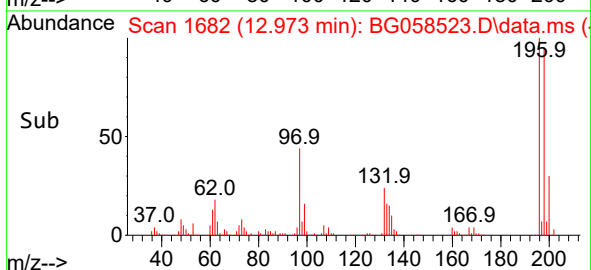
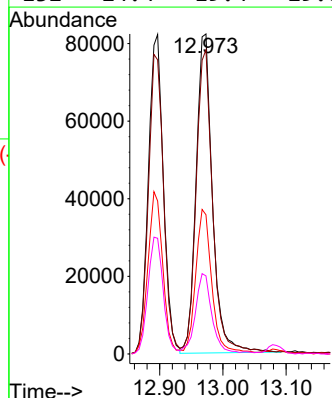
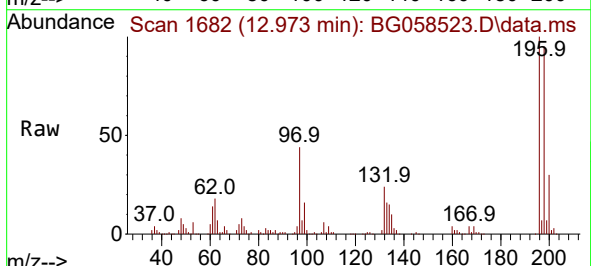
Ion Ratio Lower Upper

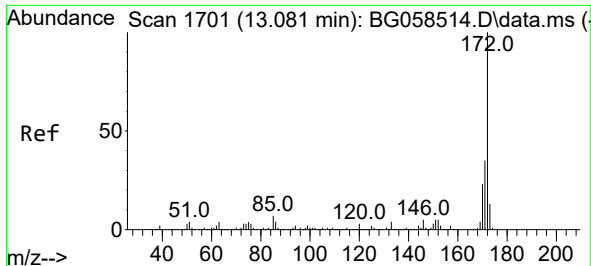
196 100

198 95.0 78.3 117.5

97 43.5 35.2 52.8

132 24.4 19.4 29.0

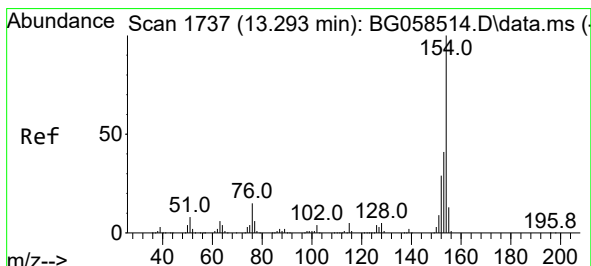
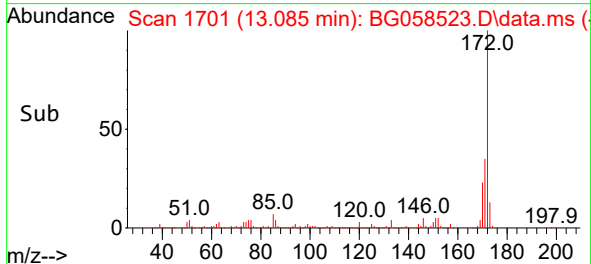
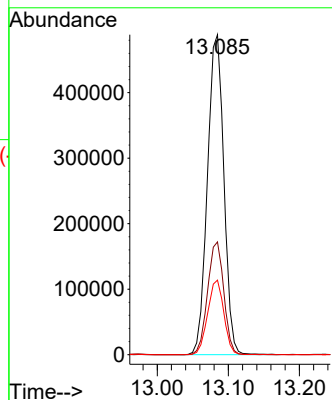
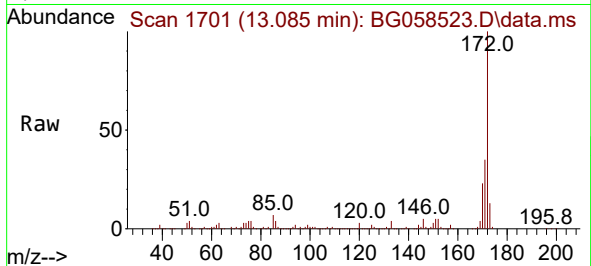




#45
2-Fluorobiphenyl
Concen: 86.873 ng
RT: 13.085 min Scan# 1701
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

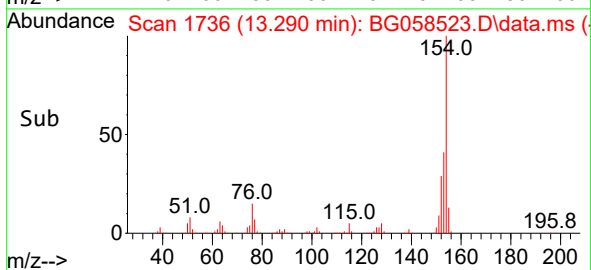
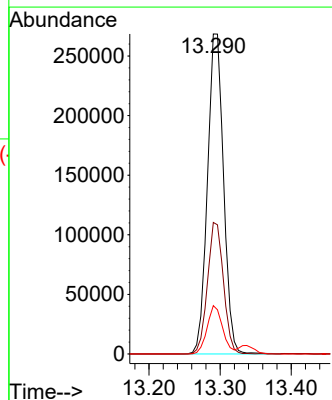
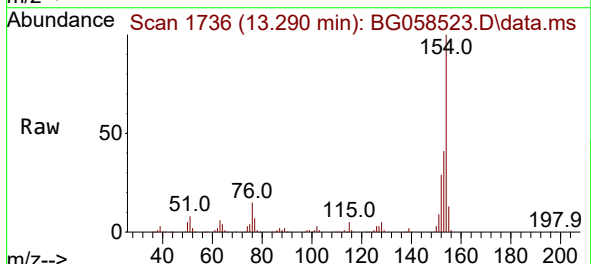
Instrument :
BNA_G
ClientSampleId :
PB154164BS

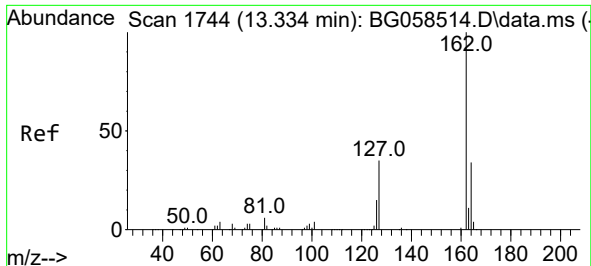
Tgt Ion:172 Resp: 785060
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.3 18.4 27.6



#46
1,1'-Biphenyl
Concen: 45.524 ng
RT: 13.290 min Scan# 1736
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion:154 Resp: 423394
Ion Ratio Lower Upper
154 100
153 41.1 21.2 61.2
76 15.1 0.0 34.7

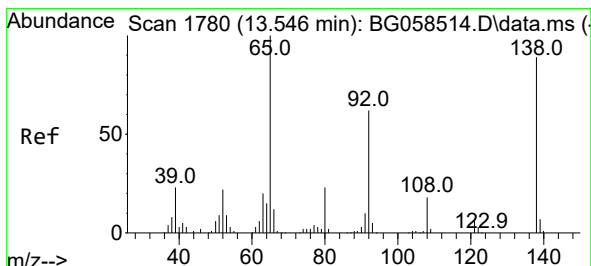
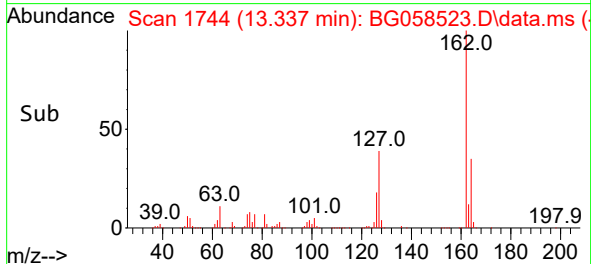
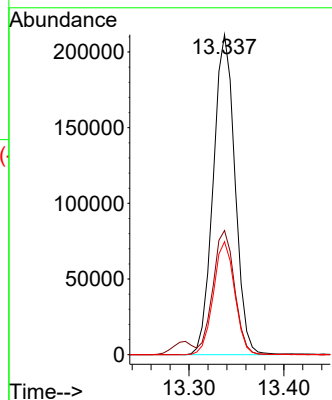
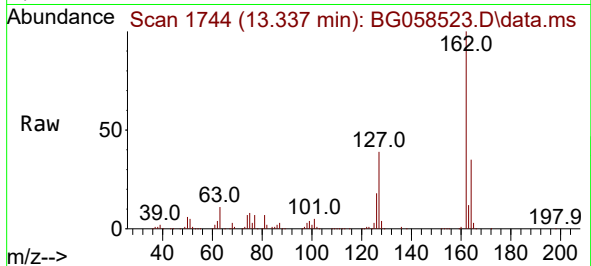




#47
2-Chloronaphthalene
Concen: 46.373 ng
RT: 13.337 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

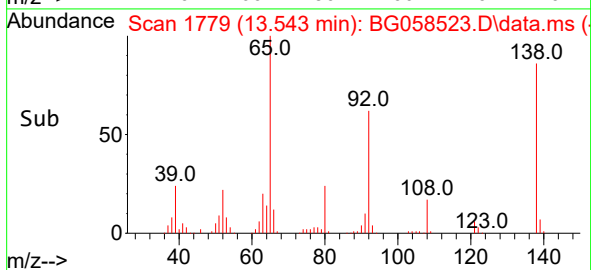
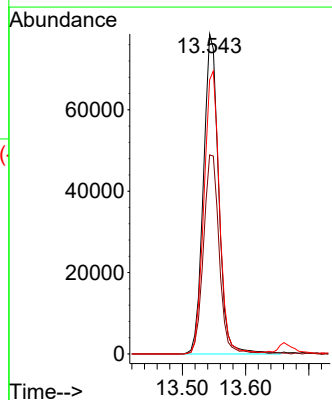
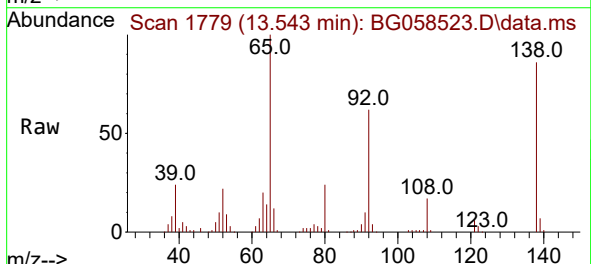
Instrument :
BNA_G
ClientSampleId :
PB154164BS

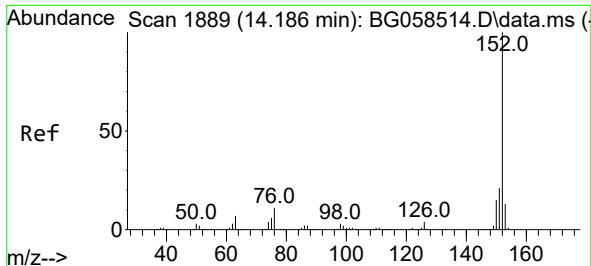
Tgt Ion:162 Resp: 336277
Ion Ratio Lower Upper
162 100
127 38.8 30.9 46.3
164 35.3 27.2 40.8



#48
2-Nitroaniline
Concen: 47.677 ng
RT: 13.543 min Scan# 1779
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion: 65 Resp: 131962
Ion Ratio Lower Upper
65 100
92 62.2 49.2 73.8
138 85.7 71.5 107.3

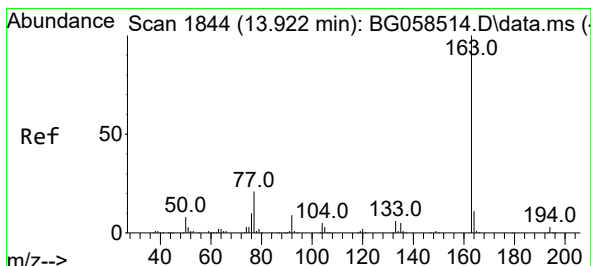
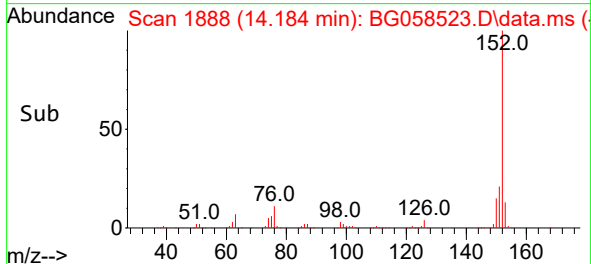
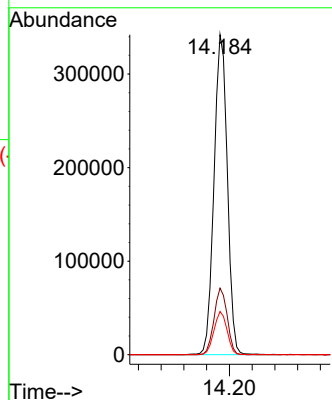
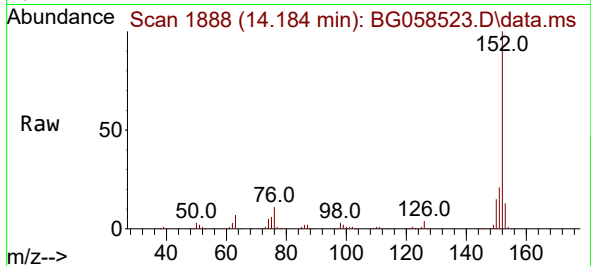




#49
Acenaphthylene
Concen: 45.657 ng
RT: 14.184 min Scan# 1889
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

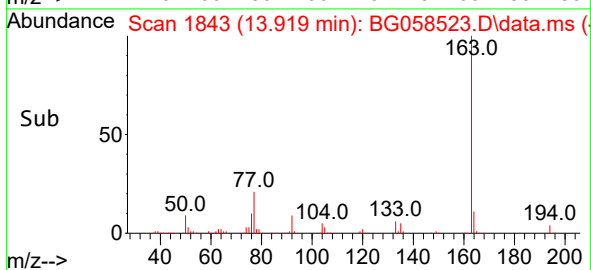
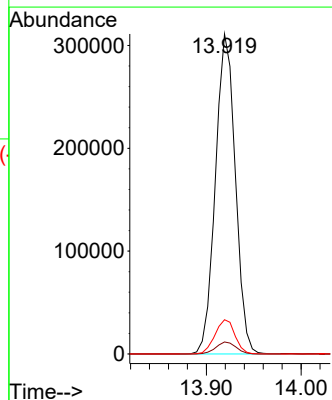
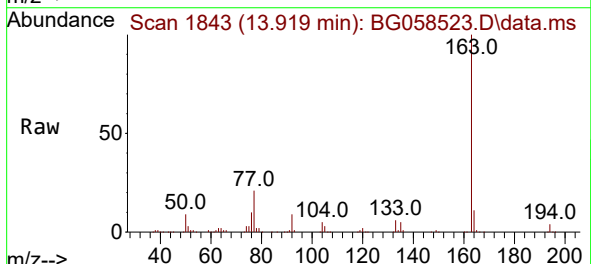
Instrument :
BNA_G
ClientSampleId :
PB154164BS

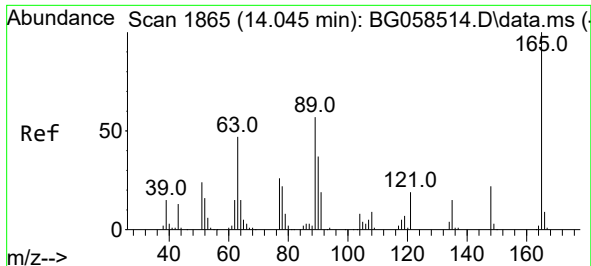
Tgt Ion:152 Resp: 554306
Ion Ratio Lower Upper
152 100
151 20.8 16.5 24.7
153 13.5 10.7 16.1



#50
Dimethylphthalate
Concen: 44.810 ng
RT: 13.919 min Scan# 1843
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion:163 Resp: 455760
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.7 8.6 12.8

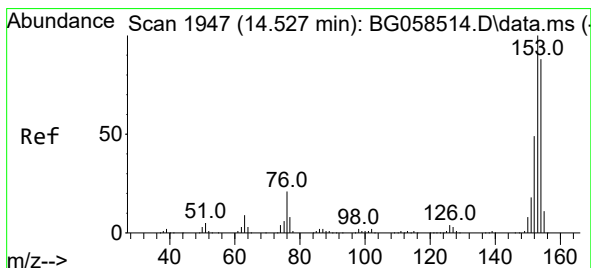
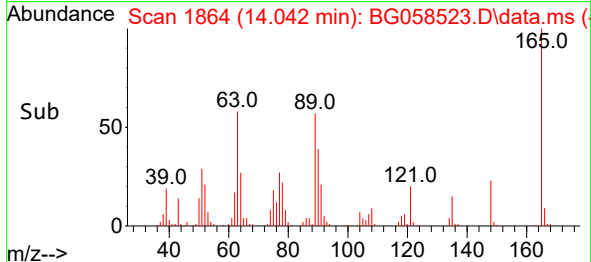
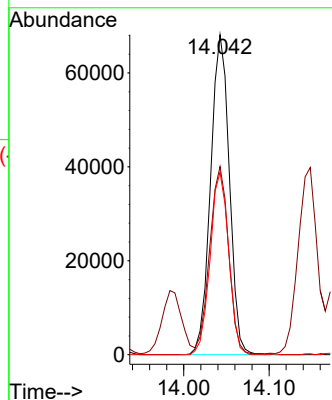
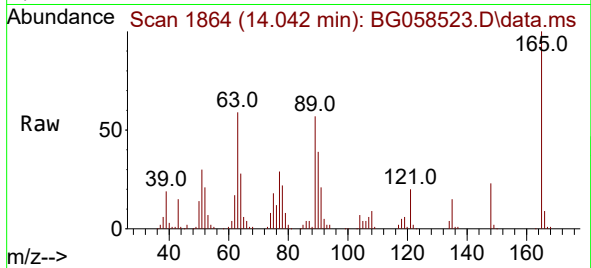




#51
2,6-Dinitrotoluene
Concen: 46.616 ng
RT: 14.042 min Scan# 1865
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

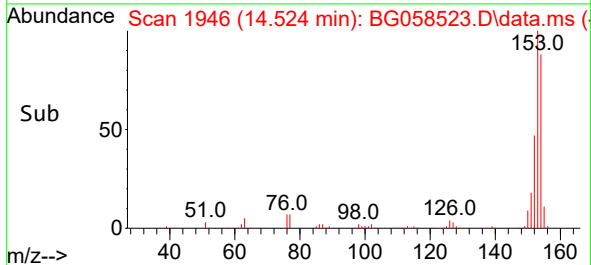
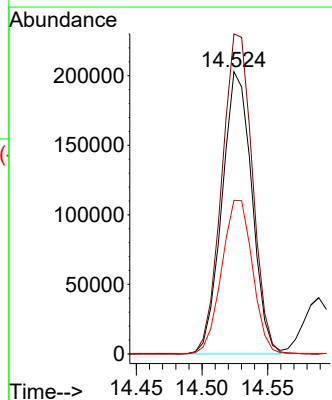
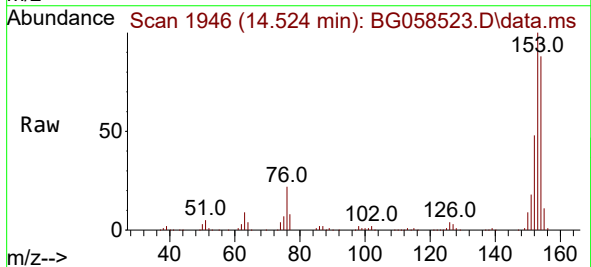
Instrument :
BNA_G
ClientSampleId :
PB154164BS

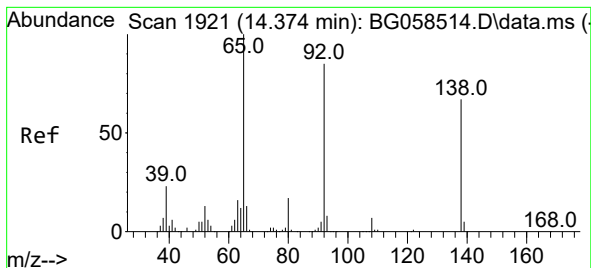
Tgt Ion:165 Resp: 104032
Ion Ratio Lower Upper
165 100
63 58.8 46.4 69.6
89 57.0 45.3 67.9



#52
Acenaphthene
Concen: 45.731 ng
RT: 14.524 min Scan# 1946
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion:154 Resp: 320811
Ion Ratio Lower Upper
154 100
153 113.4 91.1 136.7
152 54.4 44.6 66.8

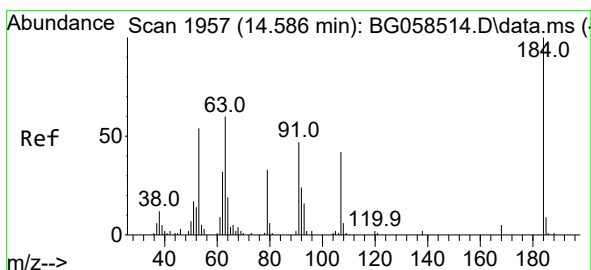
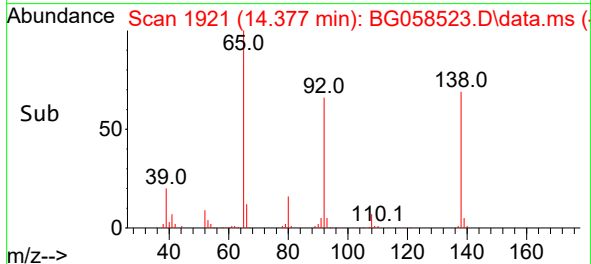
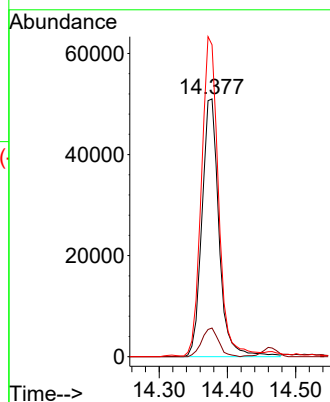
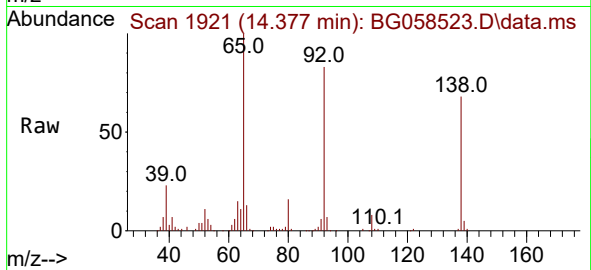




#53
3-Nitroaniline
Concen: 39.667 ng
RT: 14.377 min Scan# 1921
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

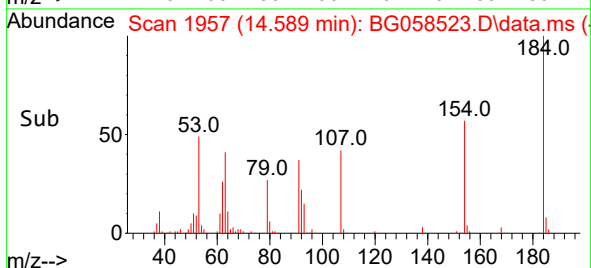
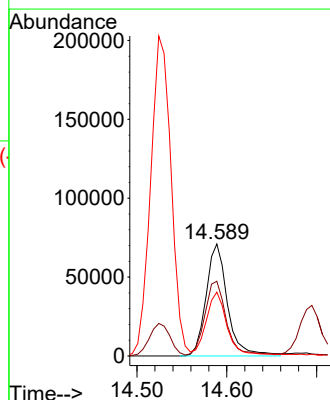
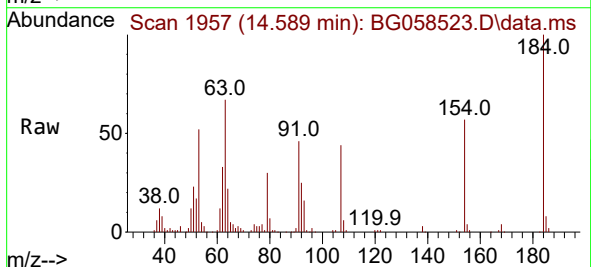
Instrument :
BNA_G
ClientSampleId :
PB154164BS

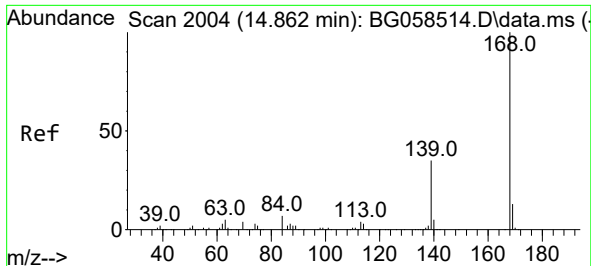
Tgt Ion:138 Resp: 88566
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 121.0 101.1 151.7



#54
2,4-Dinitrophenol
Concen: 92.044 ng
RT: 14.589 min Scan# 1957
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion:184 Resp: 117358
Ion Ratio Lower Upper
184 100
63 66.8 56.7 85.1
154 56.9 46.1 69.1

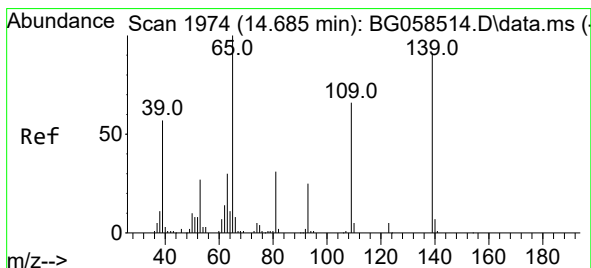
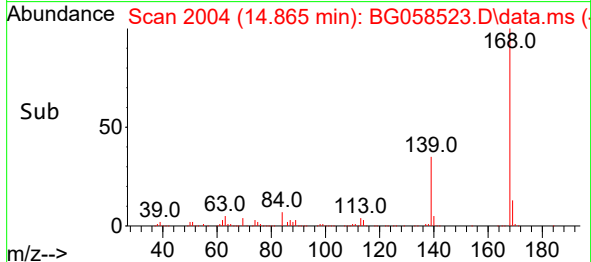
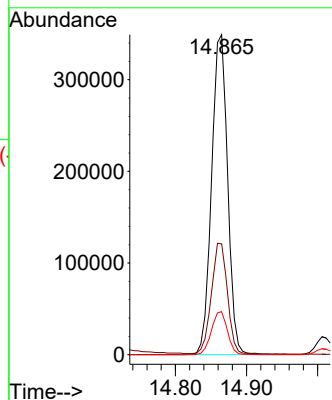
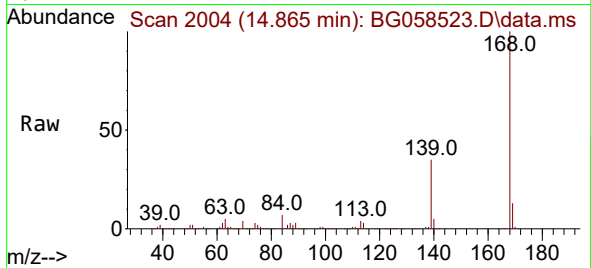




#55
Dibenzofuran
Concen: 45.316 ng
RT: 14.865 min Scan# 2004
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

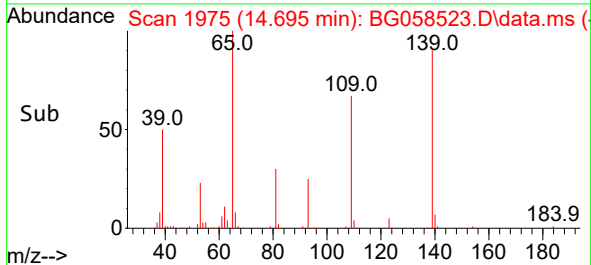
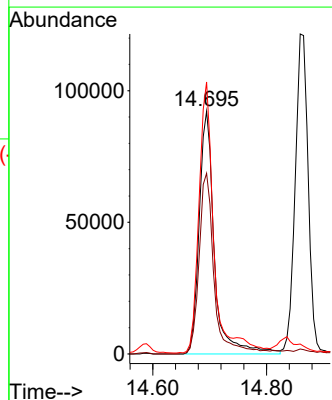
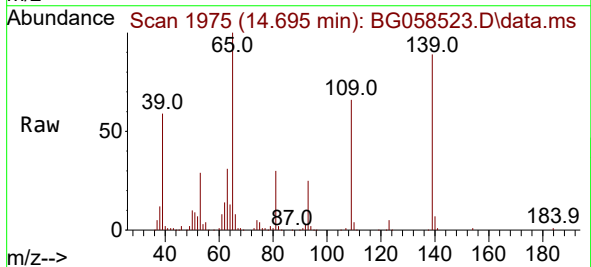
Instrument :
BNA_G
ClientSampleId :
PB154164BS

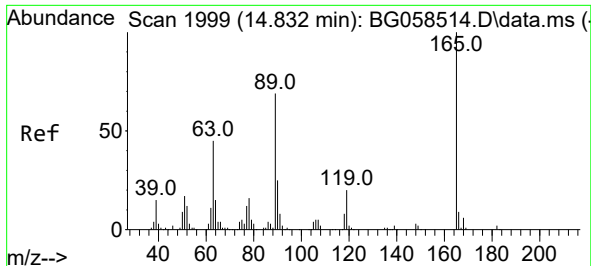
Tgt Ion:168 Resp: 546254
Ion Ratio Lower Upper
168 100
139 34.6 27.8 41.8
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 102.730 ng
RT: 14.695 min Scan# 1975
Delta R.T. 0.010 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion:139 Resp: 171594
Ion Ratio Lower Upper
139 100
109 74.4 52.5 92.5
65 112.1 90.5 130.5

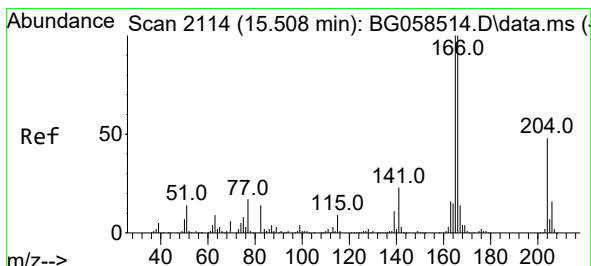
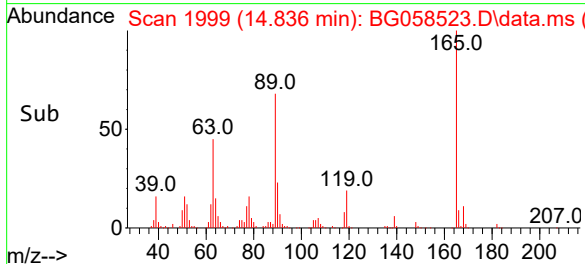
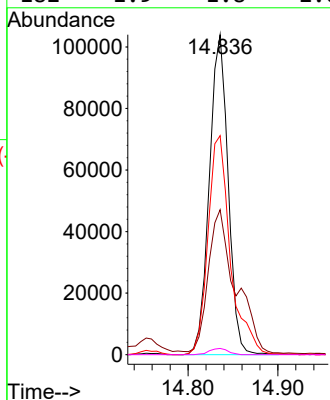
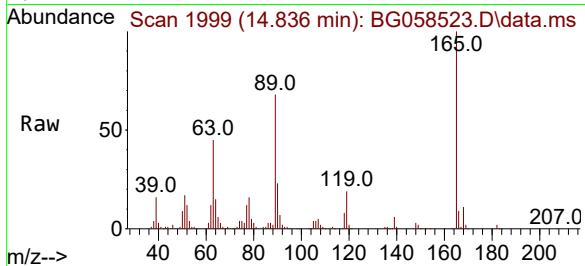




#57
2,4-Dinitrotoluene
Concen: 48.895 ng
RT: 14.836 min Scan# 1999
Delta R.T. 0.004 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

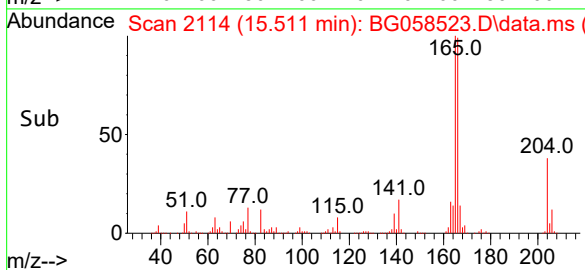
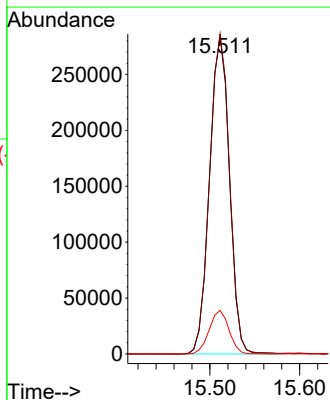
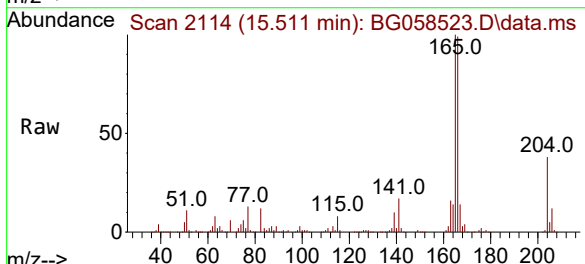
Instrument :
BNA_G
ClientSampleId :
PB154164BS

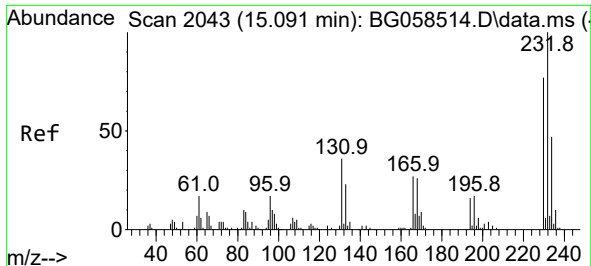
Tgt Ion:165 Resp: 151277
Ion Ratio Lower Upper
165 100
63 45.3 36.6 54.8
89 68.4 55.4 83.0
182 1.9 1.8 2.6



#58
Fluorene
Concen: 45.687 ng
RT: 15.511 min Scan# 2114
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion:166 Resp: 437500
Ion Ratio Lower Upper
166 100
165 101.0 80.0 120.0
167 13.7 11.3 16.9

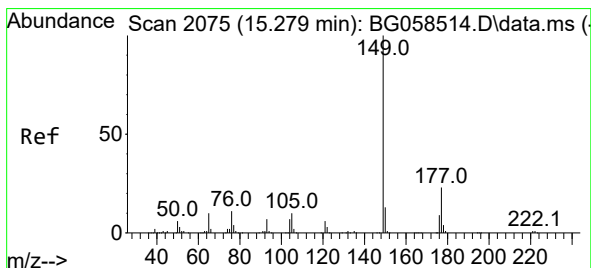
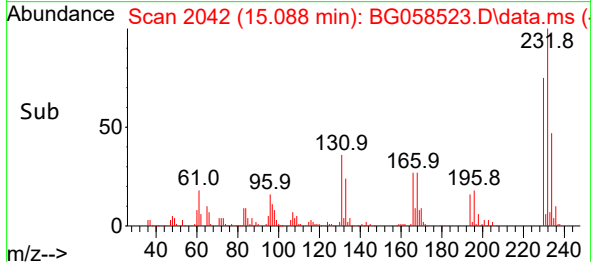
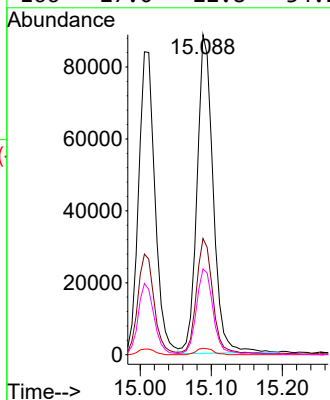
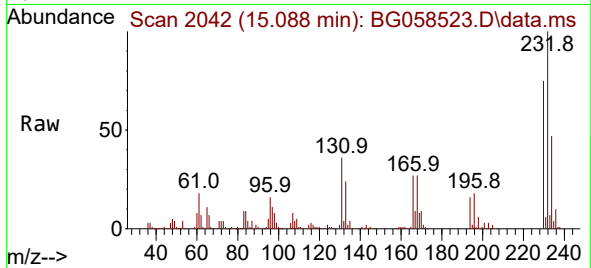




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.578 ng
RT: 15.088 min Scan# 2042
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

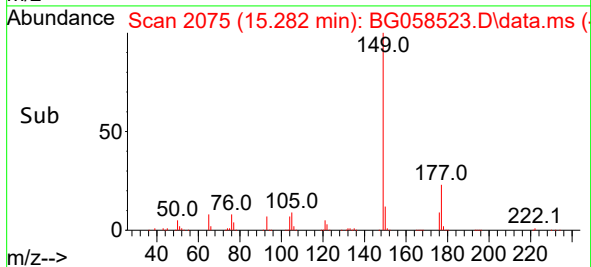
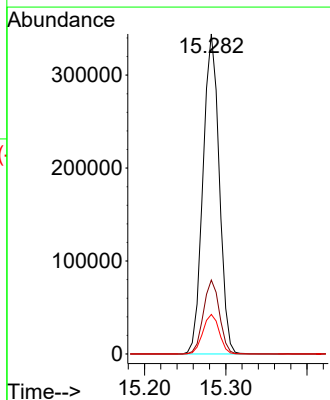
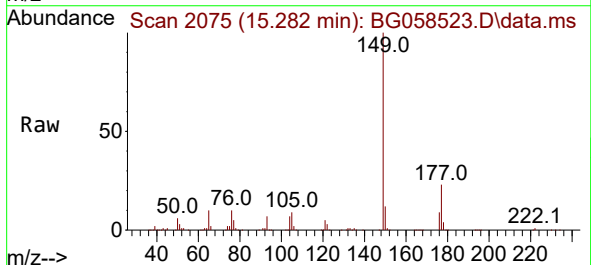
Instrument :
BNA_G
ClientSampleId :
PB154164BS

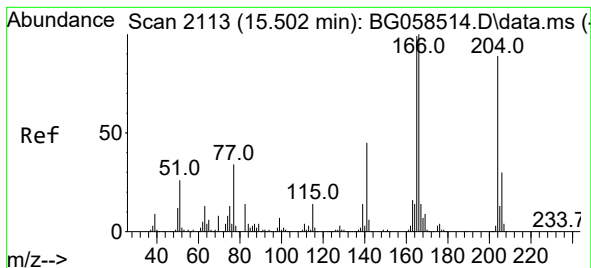
Tgt Ion:232 Resp: 139626
Ion Ratio Lower Upper
232 100
131 37.0 30.0 45.0
130 2.1 1.5 2.3
166 27.0 22.8 34.2



#60
Diethylphthalate
Concen: 46.010 ng
RT: 15.282 min Scan# 2075
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion:149 Resp: 476732
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.4
150 12.3 10.2 15.4

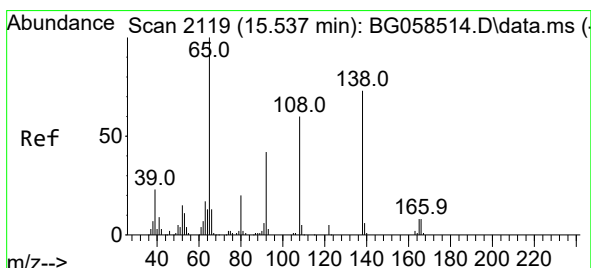
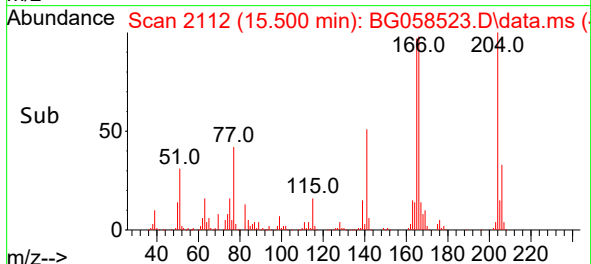
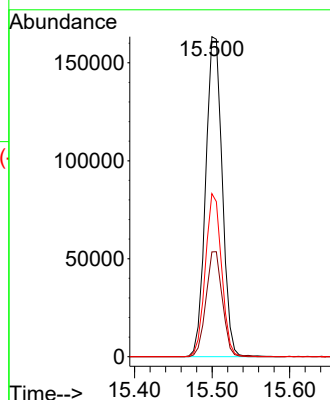
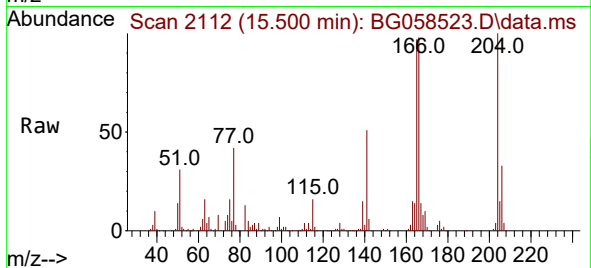




#61
4-Chlorophenyl-phenylether
Concen: 45.321 ng
RT: 15.500 min Scan# 2113
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

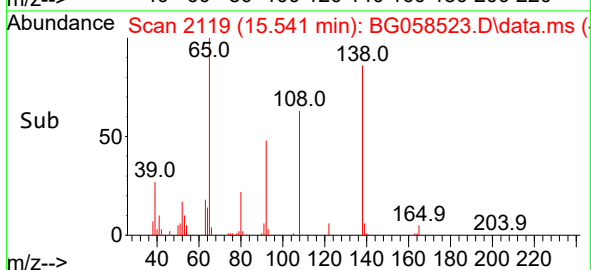
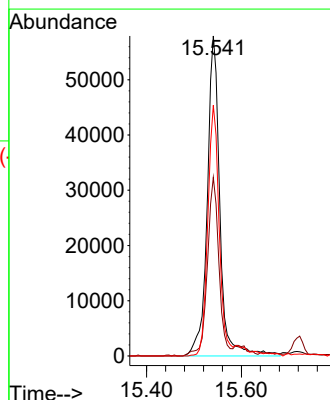
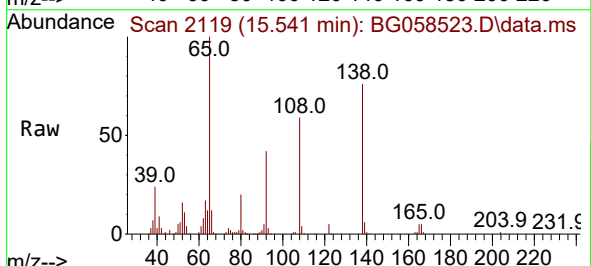
Instrument :
BNA_G
ClientSampleId :
PB154164BS

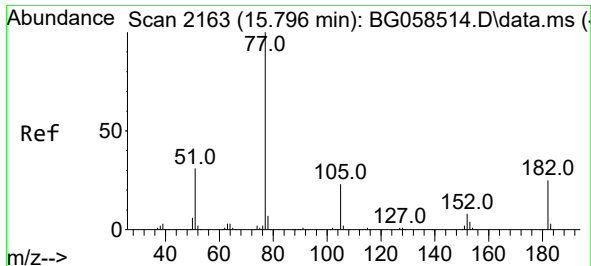
Tgt Ion:204 Resp: 241961
Ion Ratio Lower Upper
204 100
206 32.7 27.0 40.4
141 51.0 40.8 61.2



#62
4-Nitroaniline
Concen: 50.796 ng
RT: 15.541 min Scan# 2119
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion:138 Resp: 107439
Ion Ratio Lower Upper
138 100
92 55.8 37.3 77.3
108 78.3 62.6 102.6

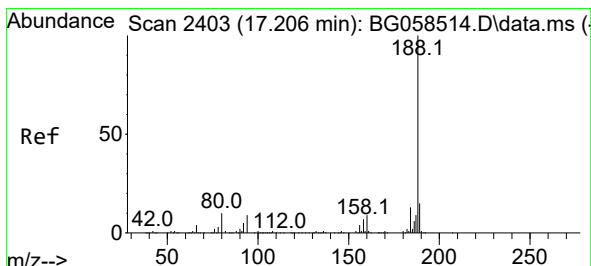
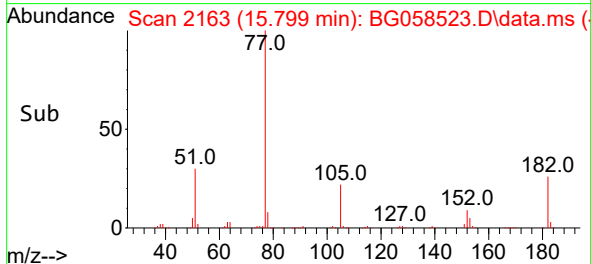
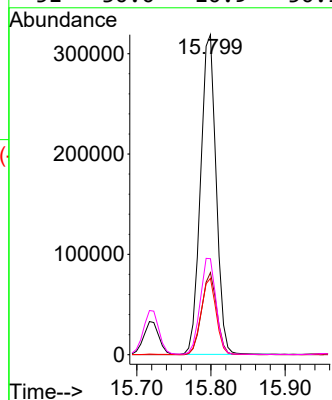
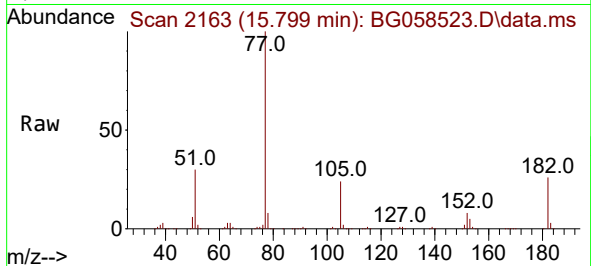




#63
 Azobenzene
 Concen: 45.624 ng
 RT: 15.799 min Scan# 2163
 Delta R.T. 0.003 min
 Lab File: BG058523.D
 Acq: 28 Jul 2023 18:18

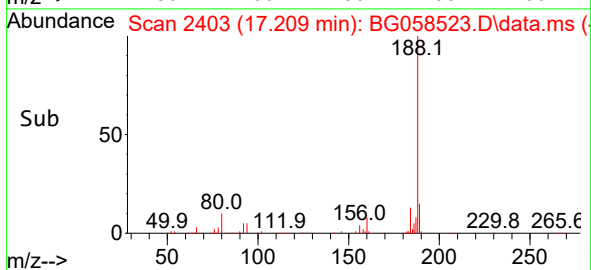
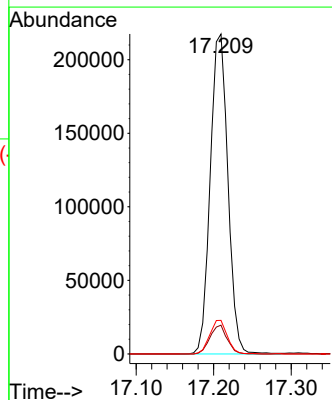
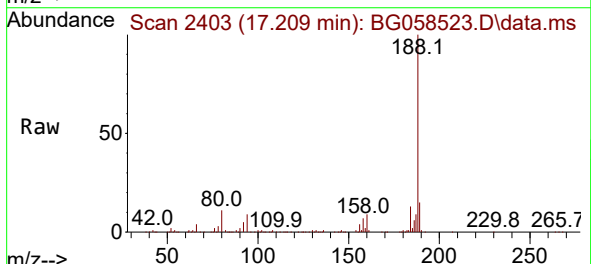
Instrument :
 BNA_G
 ClientSampleId :
 PB154164BS

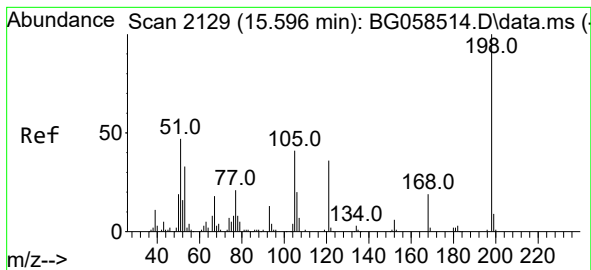
Tgt Ion: 77	Resp: 465624
Ion Ratio	Lower Upper
77 100	
182 25.7	4.6 44.6
105 23.8	3.3 43.3
51 30.0	10.9 50.9



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.209 min Scan# 2403
 Delta R.T. 0.003 min
 Lab File: BG058523.D
 Acq: 28 Jul 2023 18:18

Tgt Ion:188	Resp: 343912
Ion Ratio	Lower Upper
188 100	
94 9.0	7.0 10.6
80 10.5	8.1 12.1

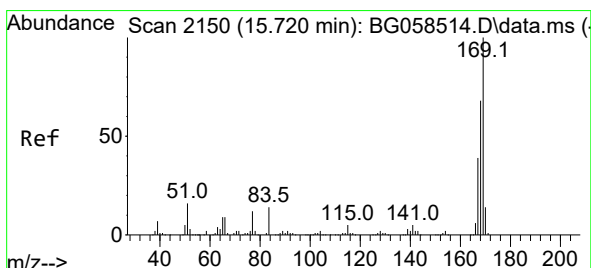
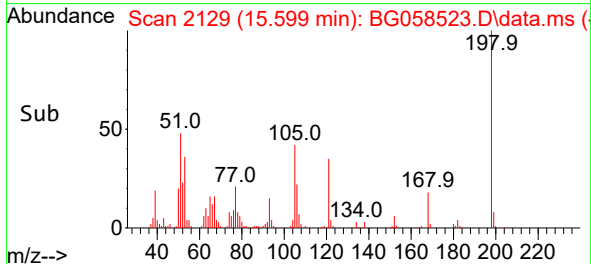
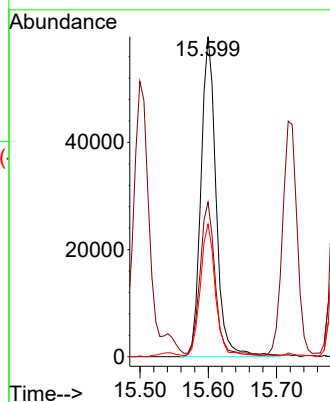
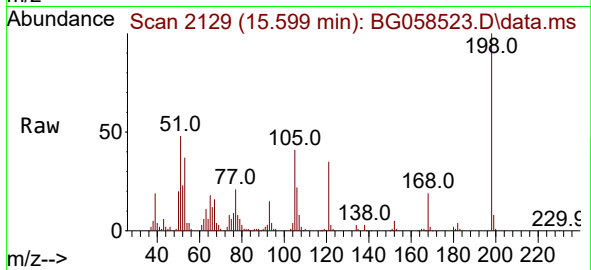




#65
4,6-Dinitro-2-methylphenol
Concen: 48.549 ng
RT: 15.599 min Scan# 2129
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

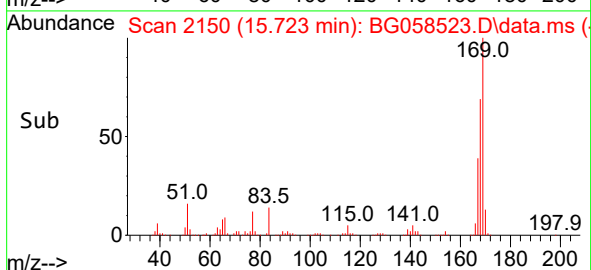
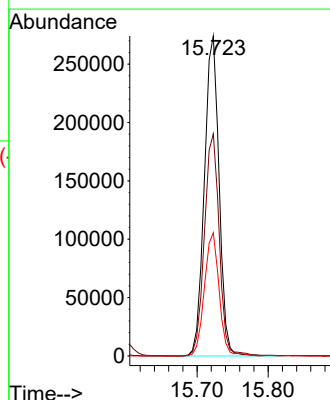
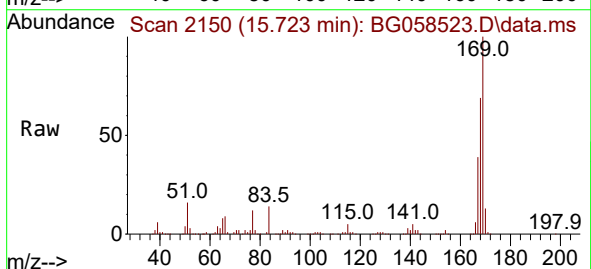
Instrument :
BNA_G
ClientSampleId :
PB154164BS

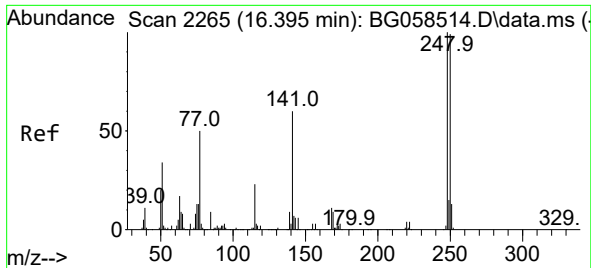
Tgt Ion:198 Resp: 92063
Ion Ratio Lower Upper
198 100
51 48.3 29.3 69.3
105 41.4 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 44.215 ng
RT: 15.723 min Scan# 2150
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion:169 Resp: 395768
Ion Ratio Lower Upper
169 100
168 69.4 54.6 82.0
167 38.5 31.3 46.9

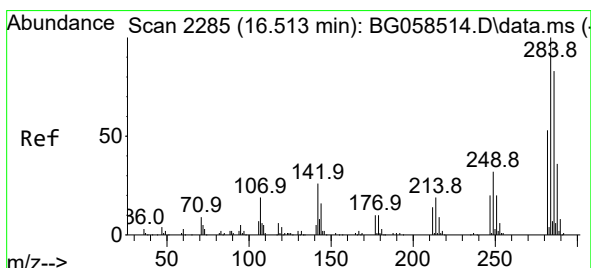
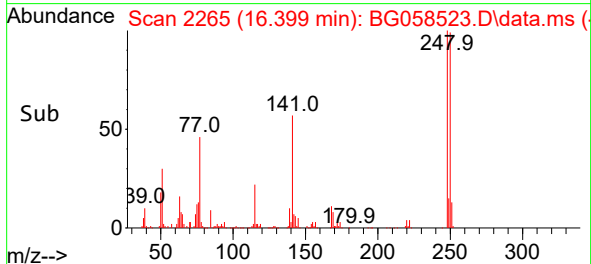
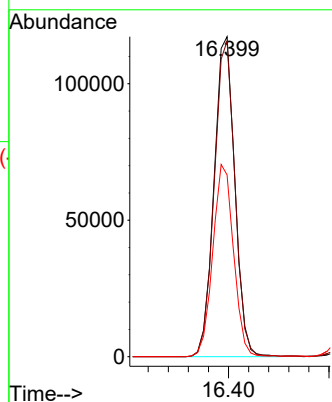
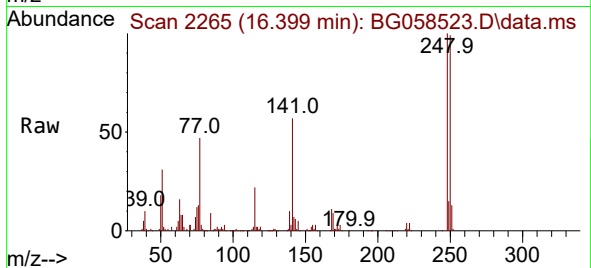




#67
4-Bromophenyl-phenylether
Concen: 43.059 ng
RT: 16.399 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

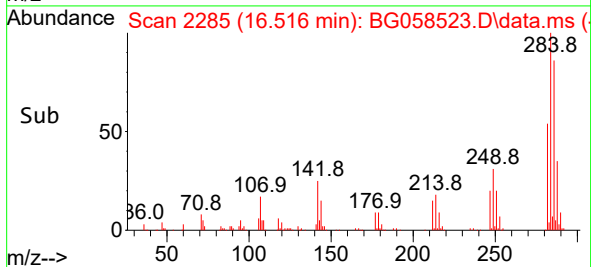
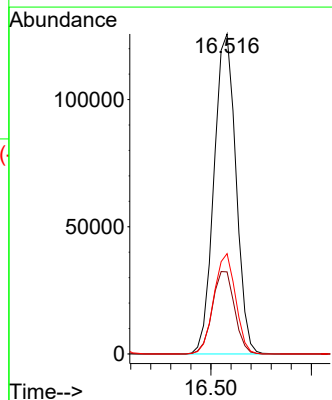
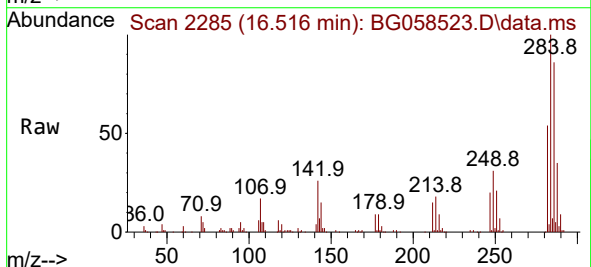
Instrument :
BNA_G
ClientSampleId :
PB154164BS

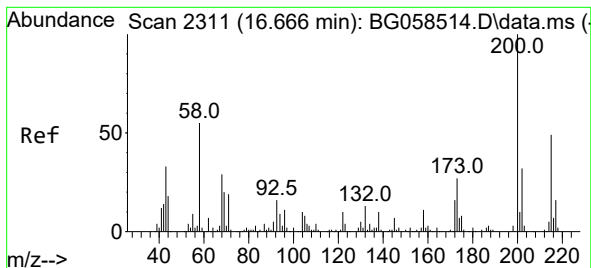
Tgt Ion:248 Resp: 167962
Ion Ratio Lower Upper
248 100
250 98.6 79.5 119.3
141 56.8 48.2 72.2



#68
Hexachlorobenzene
Concen: 46.112 ng
RT: 16.516 min Scan# 2285
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion:284 Resp: 190601
Ion Ratio Lower Upper
284 100
142 25.7 21.0 31.4
249 31.4 25.5 38.3





#69

Atrazine

Concen: 55.239 ng

RT: 16.669 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

Instrument :

BNA_G

ClientSampleId :

PB154164BS

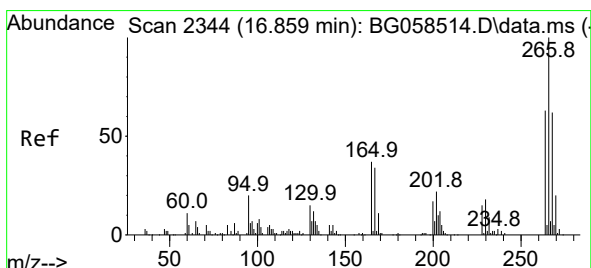
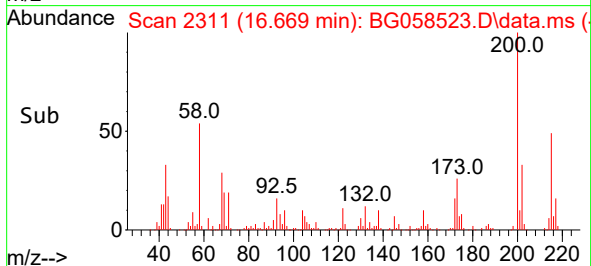
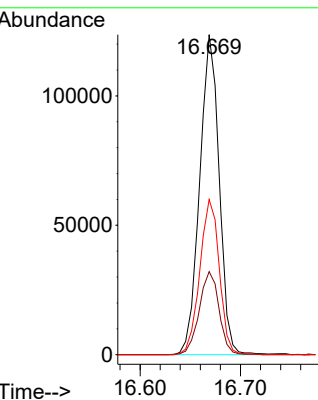
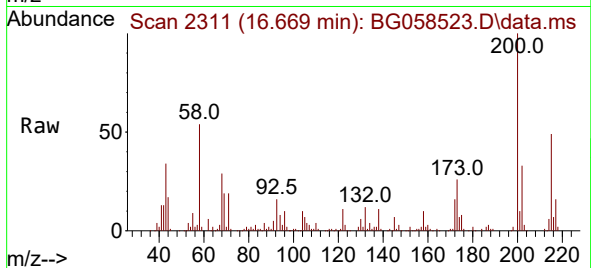
Tgt Ion:200 Resp: 166913

Ion Ratio Lower Upper

200 100

173 25.9 6.5 46.5

215 48.5 28.9 68.9



#70

Pentachlorophenol

Concen: 87.165 ng

RT: 16.863 min Scan# 2344

Delta R.T. 0.004 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

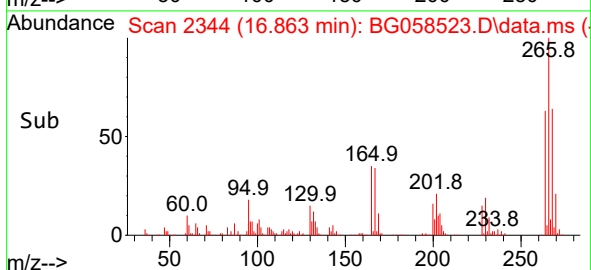
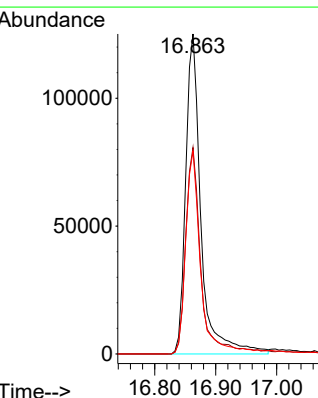
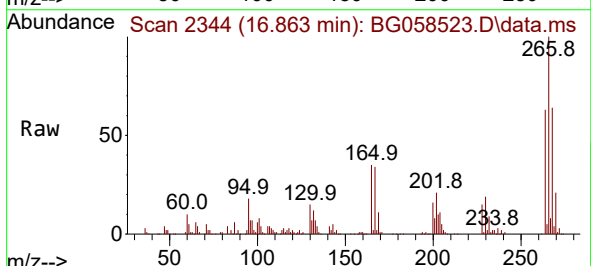
Tgt Ion:266 Resp: 218075

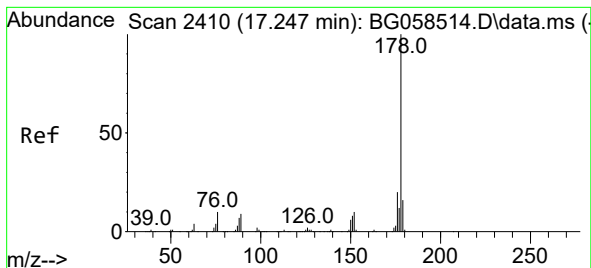
Ion Ratio Lower Upper

266 100

268 64.5 49.9 74.9

264 63.5 50.2 75.4





#71

Phenanthrene

Concen: 45.163 ng

RT: 17.250 min Scan# 2410

Delta R.T. 0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

Instrument :

BNA_G

ClientSampleId :

PB154164BS

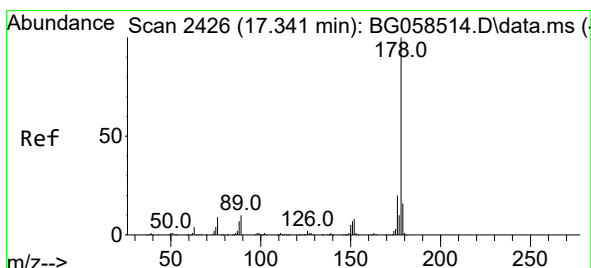
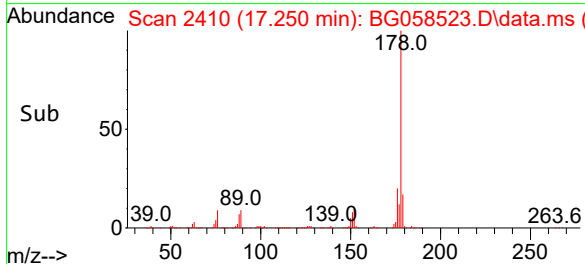
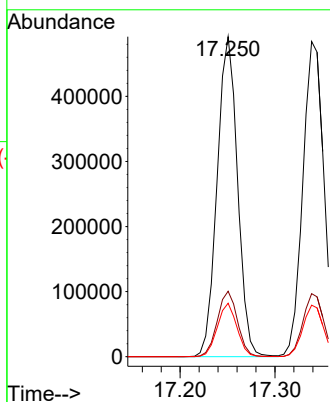
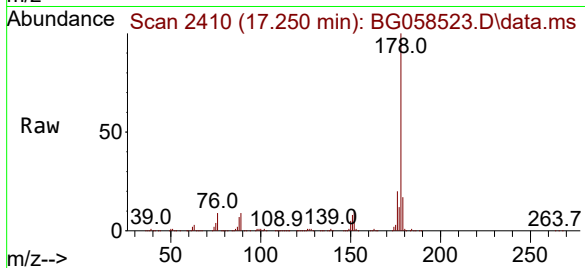
Tgt Ion:178 Resp: 736605

Ion Ratio Lower Upper

178 100

176 20.4 16.3 24.5

179 16.7 13.1 19.7



#72

Anthracene

Concen: 44.939 ng

RT: 17.339 min Scan# 2425

Delta R.T. -0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

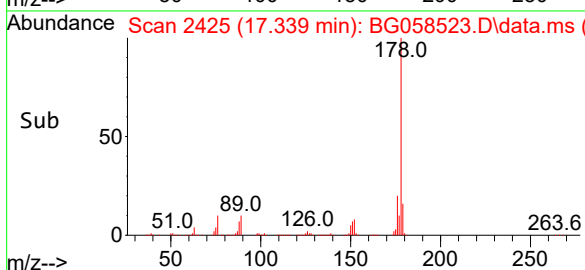
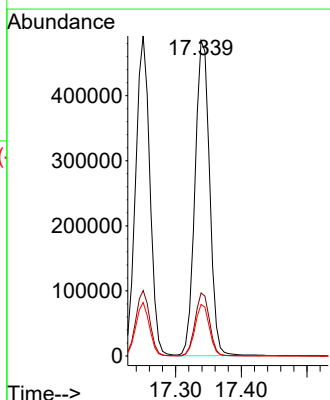
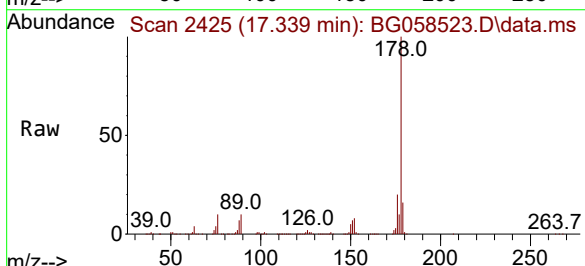
Tgt Ion:178 Resp: 752063

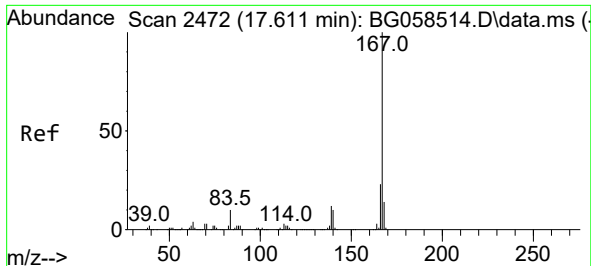
Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

179 16.4 12.9 19.3



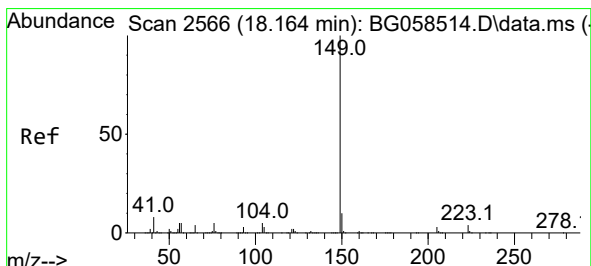
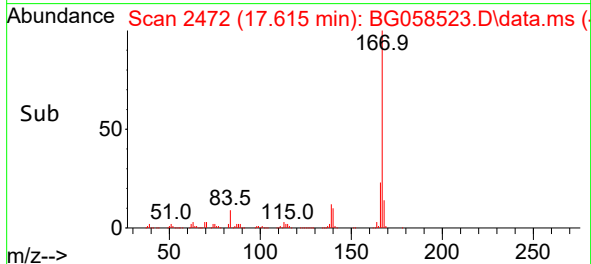
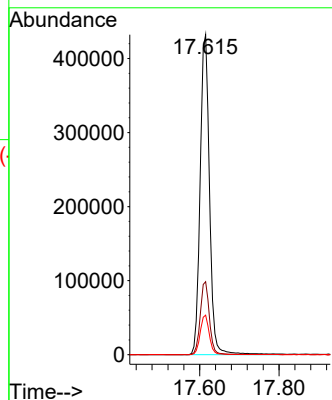
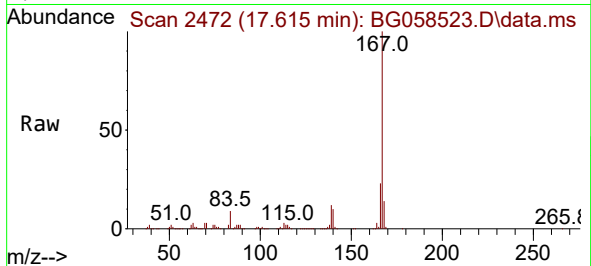


#73
 Carbazole
 Concen: 47.855 ng
 RT: 17.615 min Scan# 2472
 Delta R.T. 0.003 min
 Lab File: BG058523.D
 Acq: 28 Jul 2023 18:18

Instrument :
 BNA_G
 ClientSampleId :
 PB154164BS

Tgt Ion:167 Resp: 706217

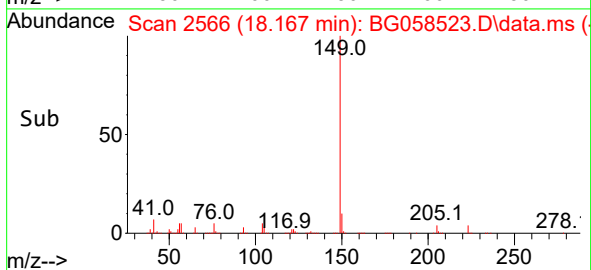
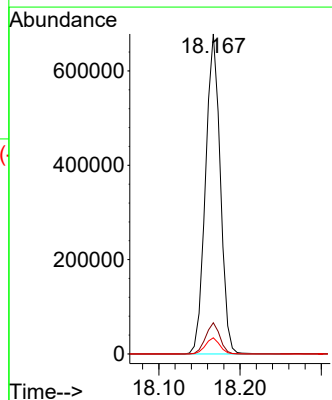
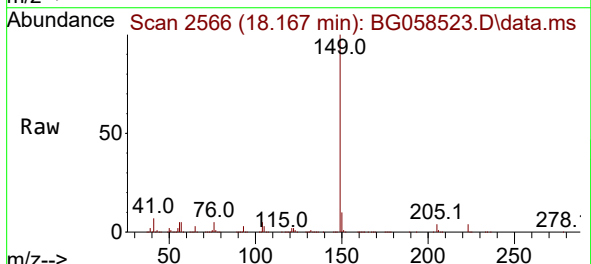
Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.4	27.6
139	12.4	10.0	15.0

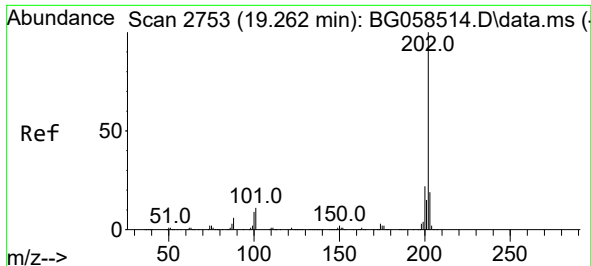


#74
 Di-n-butylphthalate
 Concen: 46.183 ng
 RT: 18.167 min Scan# 2566
 Delta R.T. 0.003 min
 Lab File: BG058523.D
 Acq: 28 Jul 2023 18:18

Tgt Ion:149 Resp: 853670

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	5.1	4.0	6.0

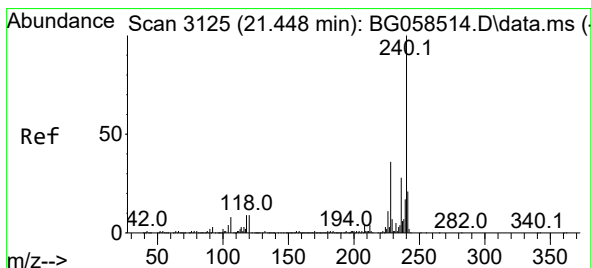
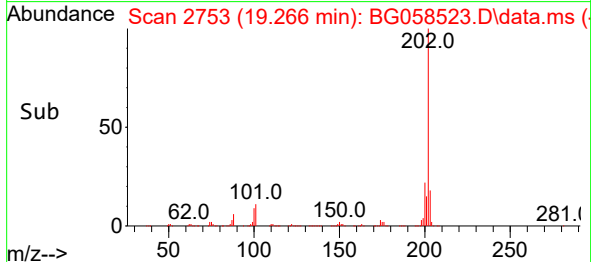
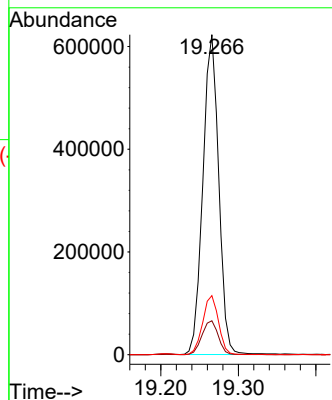
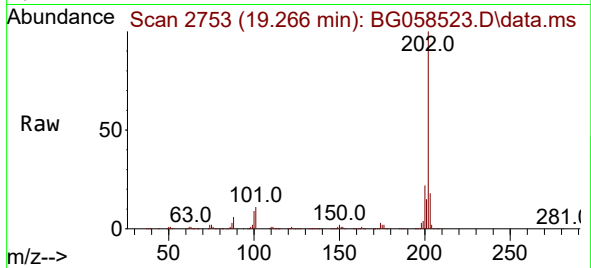




#75
Fluoranthene
Concen: 45.065 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

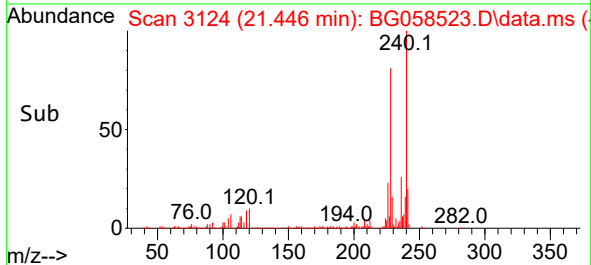
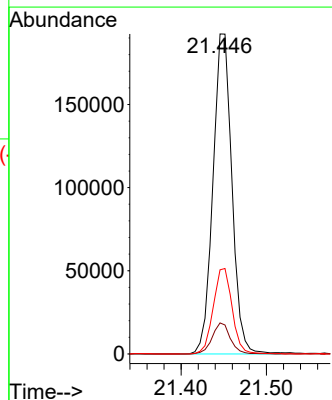
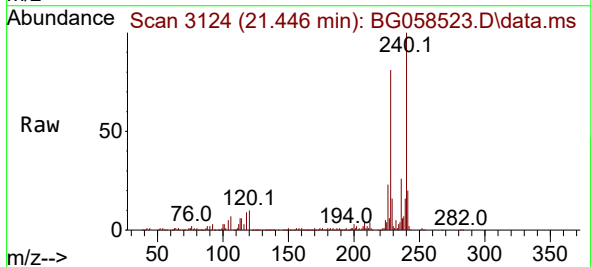
Instrument :
BNA_G
ClientSampleId :
PB154164BS

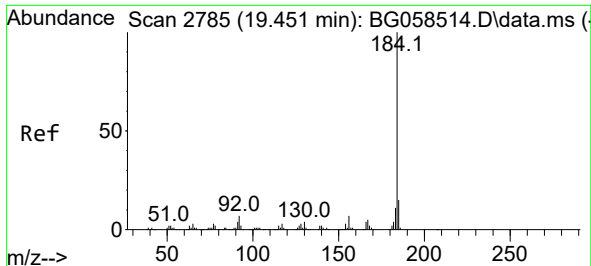
Tgt Ion:202 Resp: 882901
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.4
203 18.5 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion:240 Resp: 296903
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 26.3 22.2 33.4

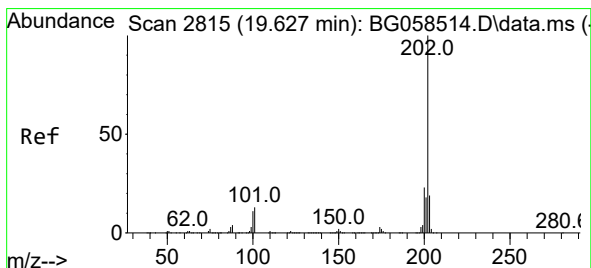
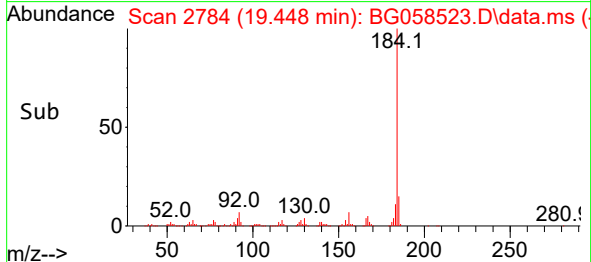
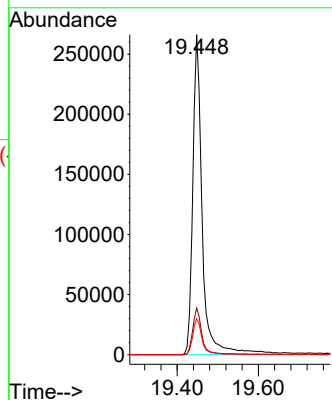
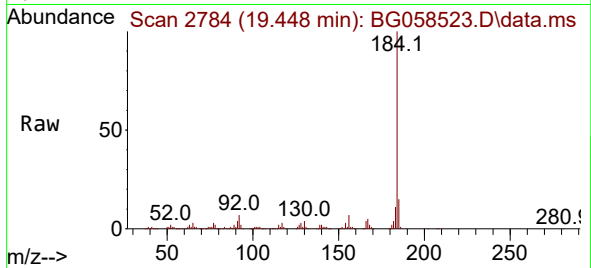




#77
Benzidine
Concen: 96.009 ng
RT: 19.448 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

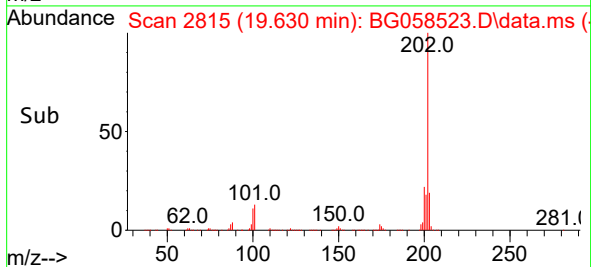
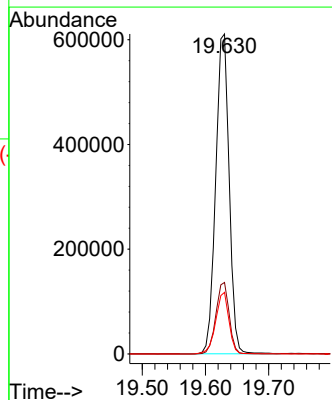
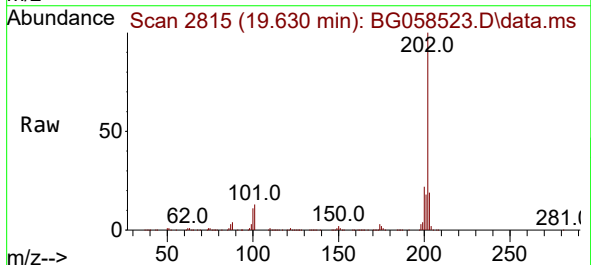
Instrument :
BNA_G
ClientSampleId :
PB154164BS

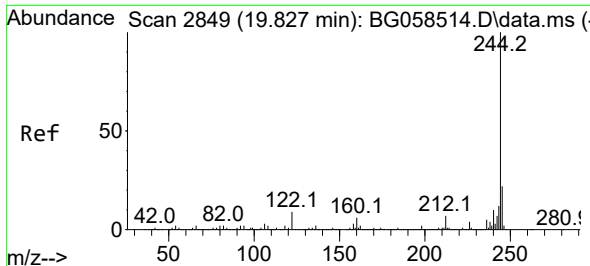
Tgt Ion:184 Resp: 432258
Ion Ratio Lower Upper
184 100
185 14.6 11.9 17.9
183 11.2 8.7 13.1



#78
Pyrene
Concen: 44.712 ng
RT: 19.630 min Scan# 2815
Delta R.T. 0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion:202 Resp: 903439
Ion Ratio Lower Upper
202 100
200 22.4 18.2 27.2
203 19.3 15.1 22.7

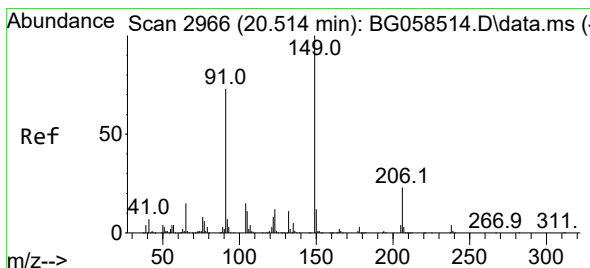
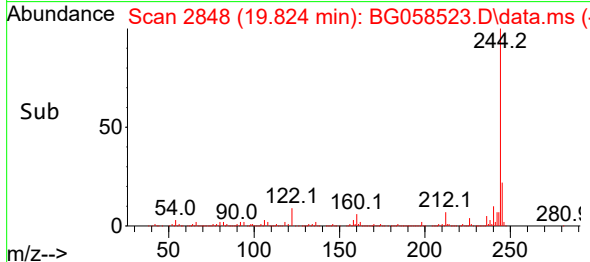
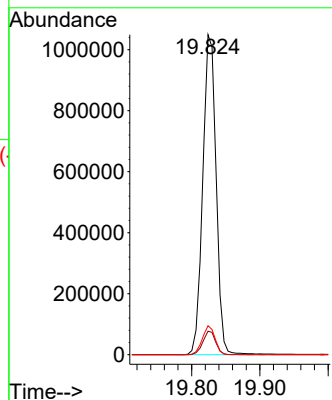
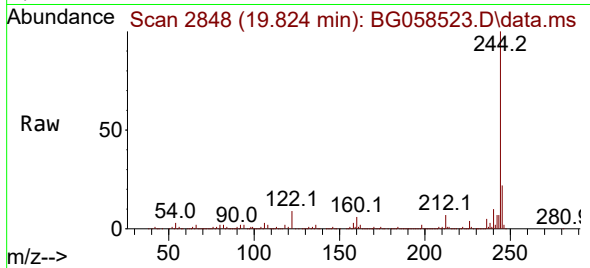




#79
 Terphenyl-d14
 Concen: 90.562 ng
 RT: 19.824 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG058523.D
 Acq: 28 Jul 2023 18:18

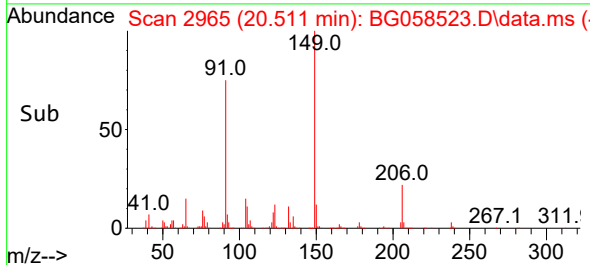
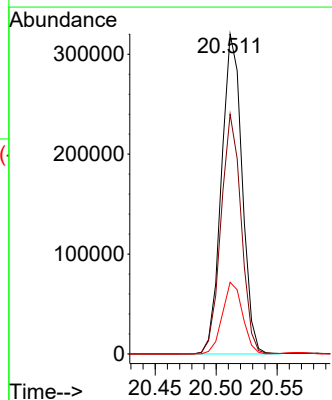
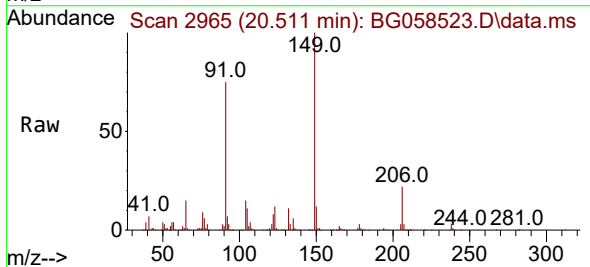
Instrument :
 BNA_G
 ClientSampleId :
 PB154164BS

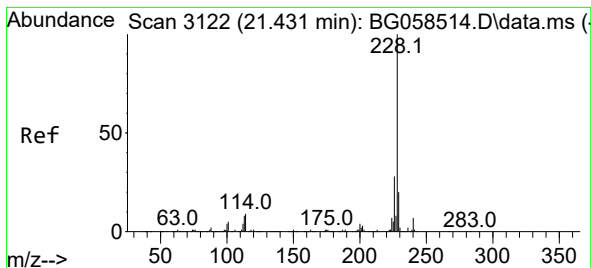
Tgt Ion:244 Resp: 1429823
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 9.0 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 45.481 ng
 RT: 20.511 min Scan# 2965
 Delta R.T. -0.003 min
 Lab File: BG058523.D
 Acq: 28 Jul 2023 18:18

Tgt Ion:149 Resp: 377481
 Ion Ratio Lower Upper
 149 100
 91 74.9 58.4 87.6
 206 22.4 18.3 27.5





#81

Benzo(a)anthracene

Concen: 45.410 ng

RT: 21.428 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

Instrument :

BNA_G

ClientSampleId :

PB154164BS

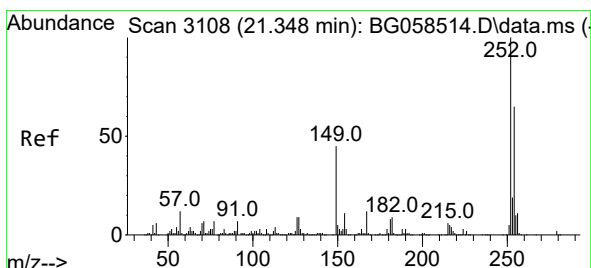
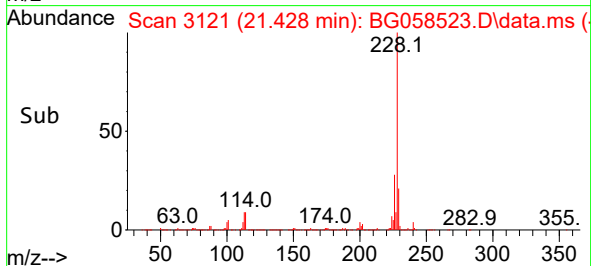
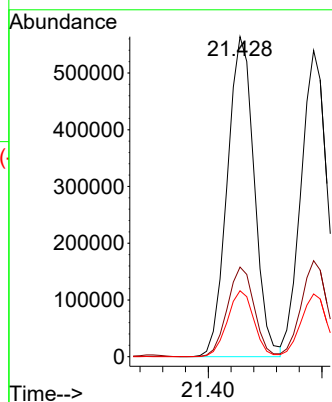
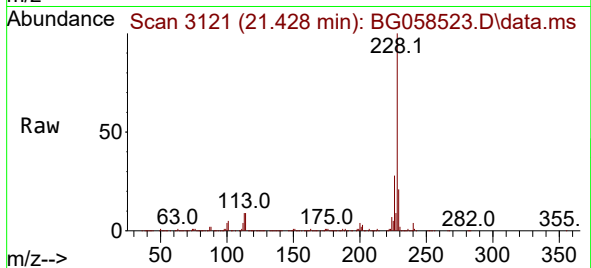
Tgt Ion:228 Resp: 927848

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

229 20.6 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 42.355 ng

RT: 21.352 min Scan# 3108

Delta R.T. 0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

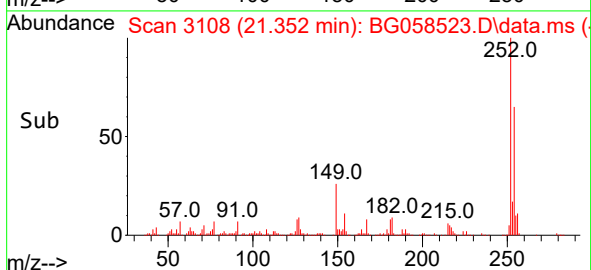
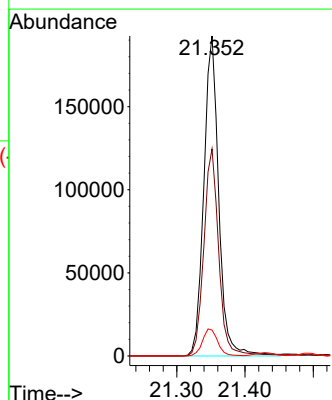
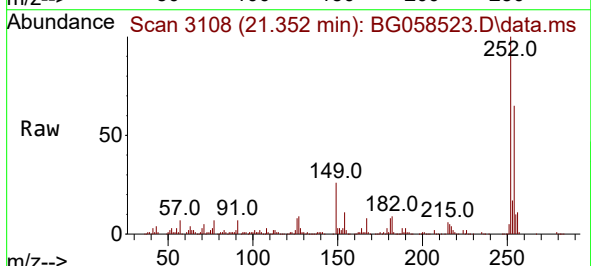
Tgt Ion:252 Resp: 292610

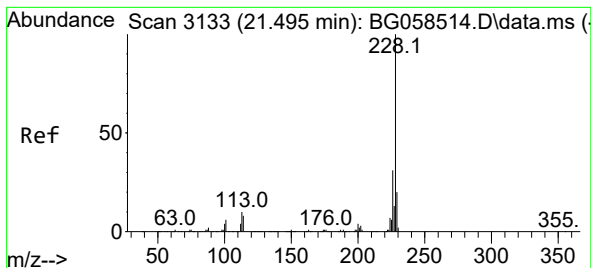
Ion Ratio Lower Upper

252 100

254 64.7 52.2 78.4

126 8.1 7.2 10.8





#83

Chrysene

Concen: 43.711 ng

RT: 21.493 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

Instrument :

BNA_G

ClientSampleId :

PB154164BS

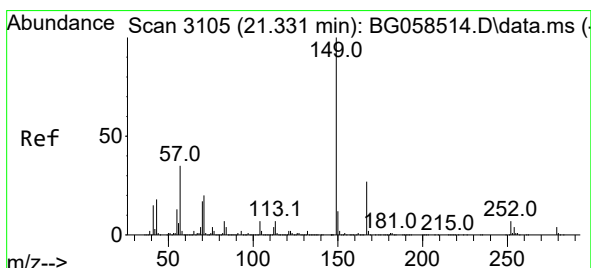
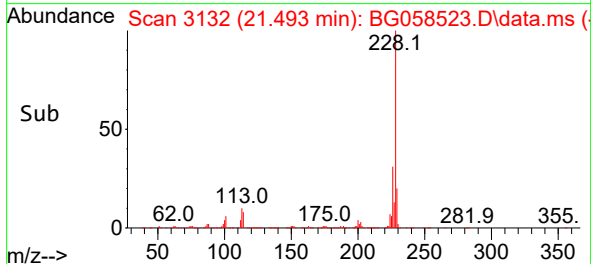
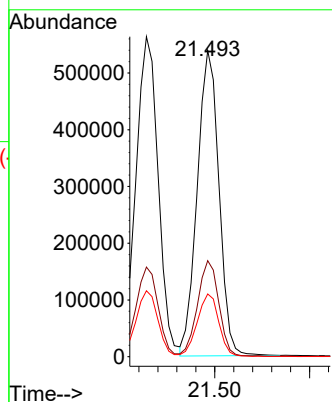
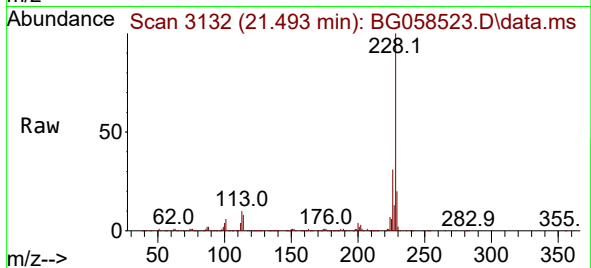
Tgt Ion:228 Resp: 856314

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

229 20.5 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.180 ng

RT: 21.334 min Scan# 3105

Delta R.T. 0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

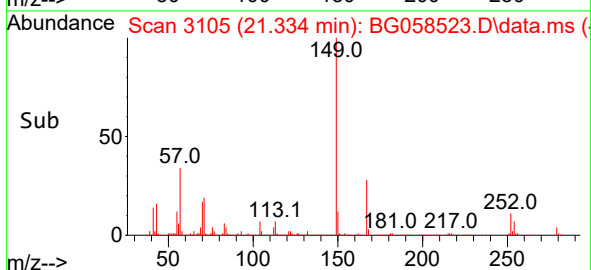
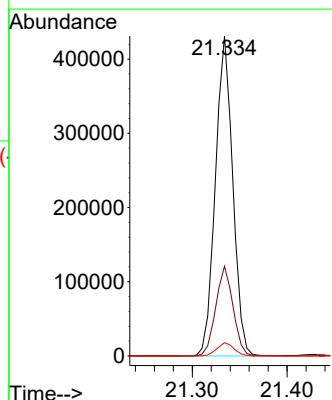
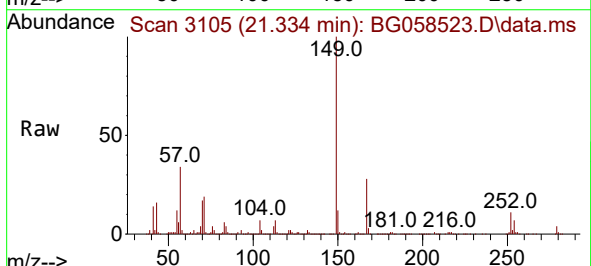
Tgt Ion:149 Resp: 547971

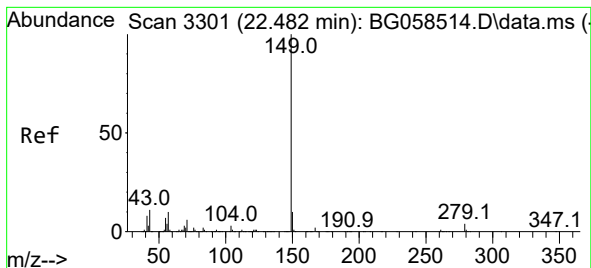
Ion Ratio Lower Upper

149 100

167 28.1 21.8 32.8

279 4.1 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 45.960 ng

RT: 22.486 min Scan# 3

Delta R.T. 0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

Instrument :

BNA_G

ClientSampleId :

PB154164BS

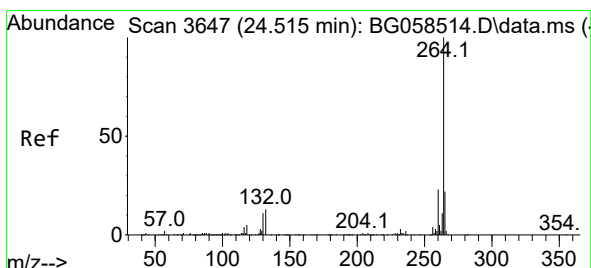
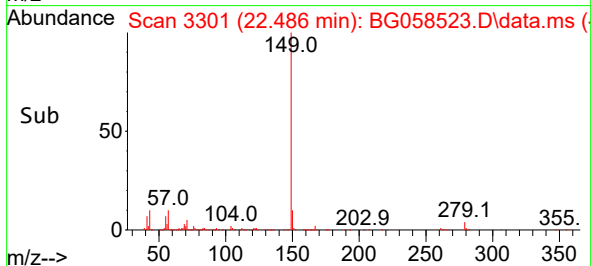
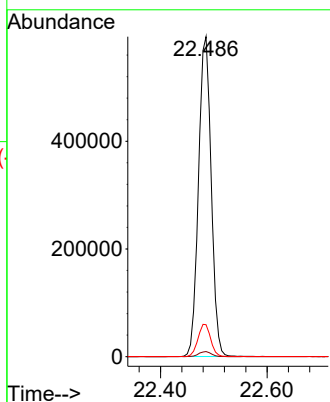
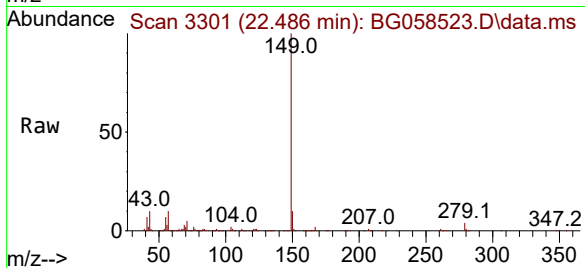
Tgt Ion:149 Resp: 980044

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.2 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.513 min Scan# 3646

Delta R.T. -0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

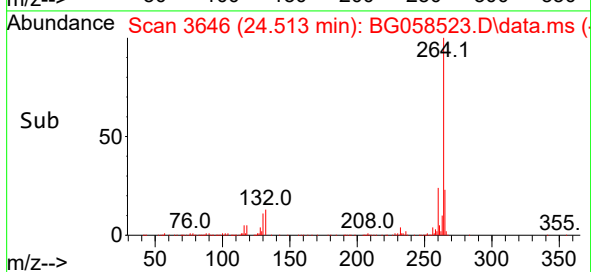
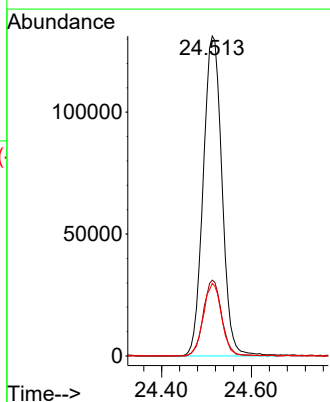
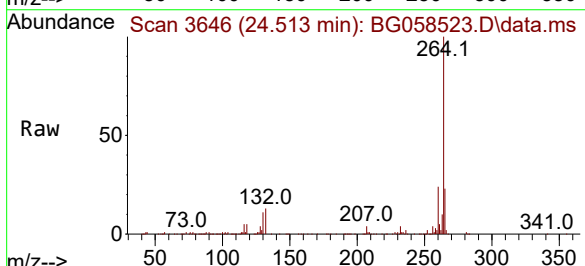
Tgt Ion:264 Resp: 380527

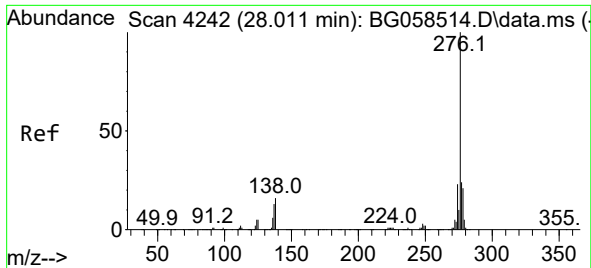
Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 22.7 17.9 26.9

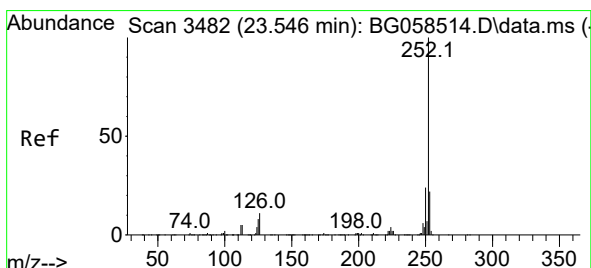
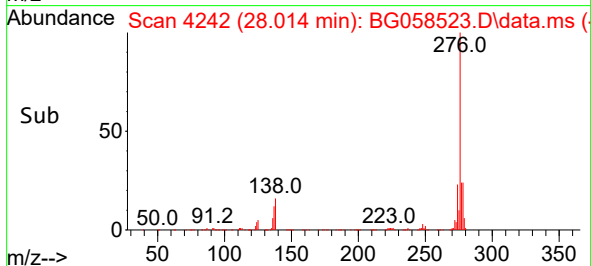
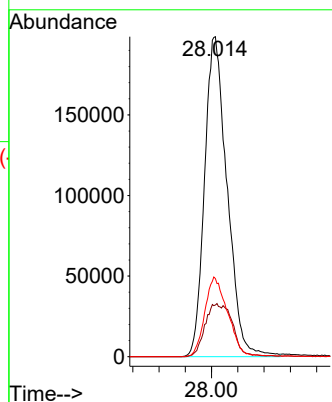
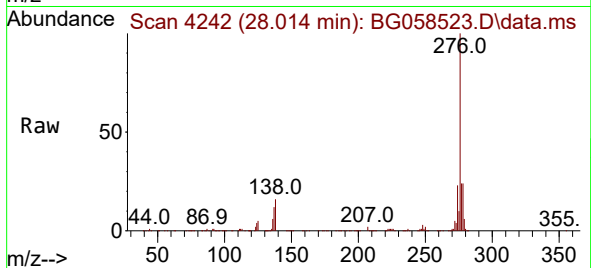




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.877 ng
 RT: 28.014 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: BG058523.D
 Acq: 28 Jul 2023 18:18

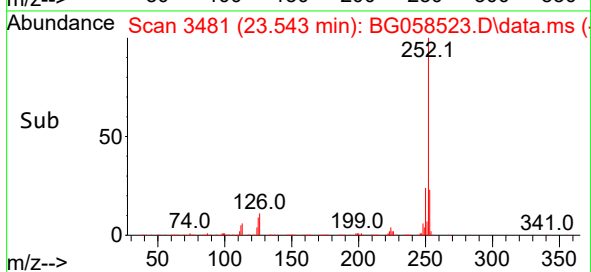
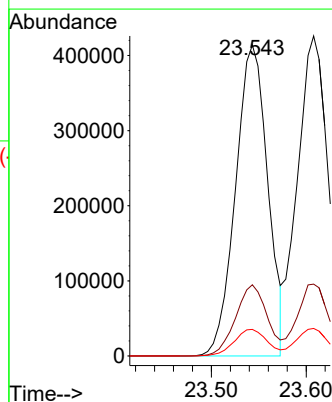
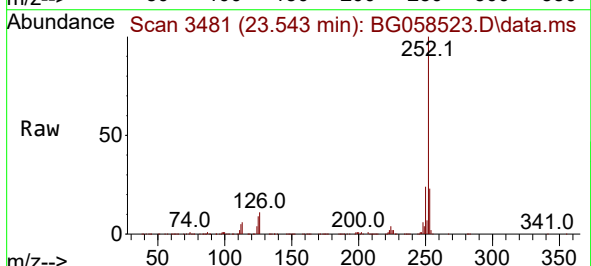
Instrument :
 BNA_G
 ClientSampleId :
 PB154164BS

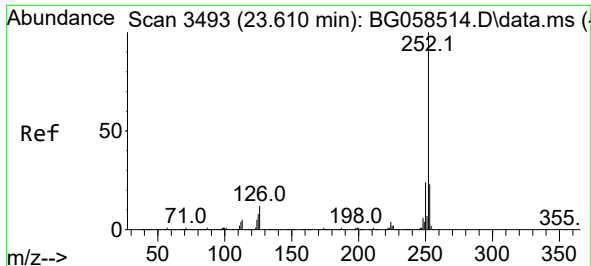
Tgt Ion:276 Resp: 1186708
 Ion Ratio Lower Upper
 276 100
 138 11.8 16.0 24.0#
 277 25.2 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 47.247 ng
 RT: 23.543 min Scan# 3481
 Delta R.T. -0.003 min
 Lab File: BG058523.D
 Acq: 28 Jul 2023 18:18

Tgt Ion:252 Resp: 975136
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.8 26.8
 125 8.5 6.6 9.8

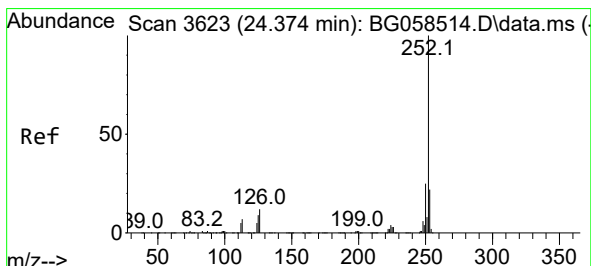
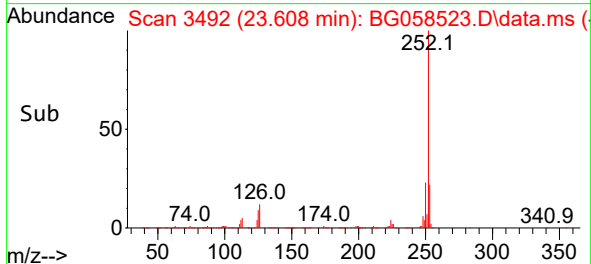
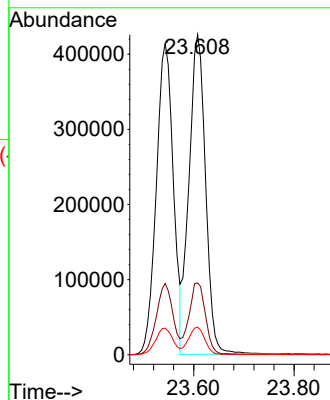
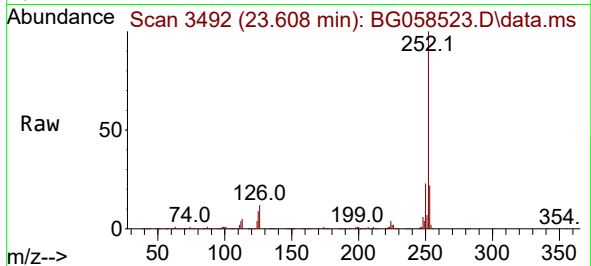




#89
Benzo(k)fluoranthene
Concen: 46.977 ng
RT: 23.608 min Scan# 3493
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

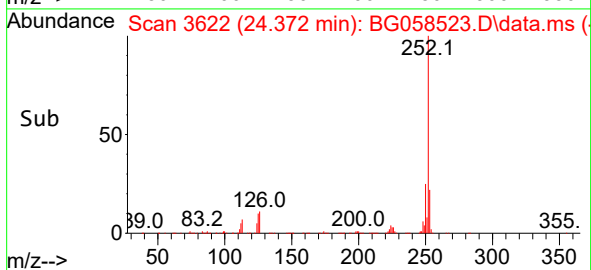
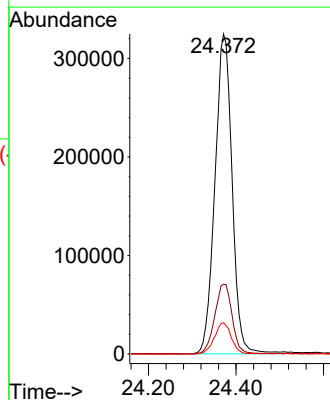
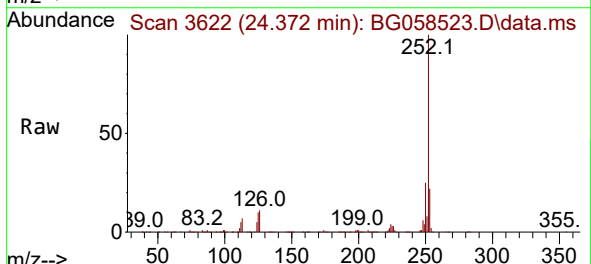
Instrument :
BNA_G
ClientSampleId :
PB154164BS

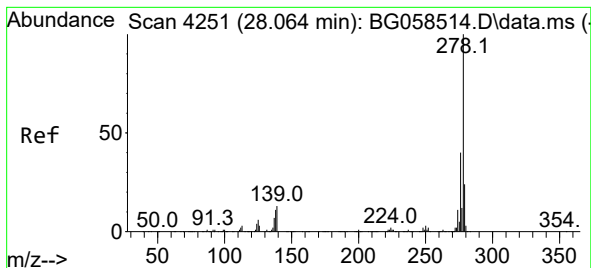
Tgt Ion:252 Resp: 974023
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 8.6 6.6 10.0



#90
Benzo(a)pyrene
Concen: 43.439 ng
RT: 24.372 min Scan# 3622
Delta R.T. -0.003 min
Lab File: BG058523.D
Acq: 28 Jul 2023 18:18

Tgt Ion:252 Resp: 880460
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.8 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 46.850 ng

RT: 28.061 min Scan# 41

Delta R.T. -0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

Instrument :

BNA_G

ClientSampleId :

PB154164BS

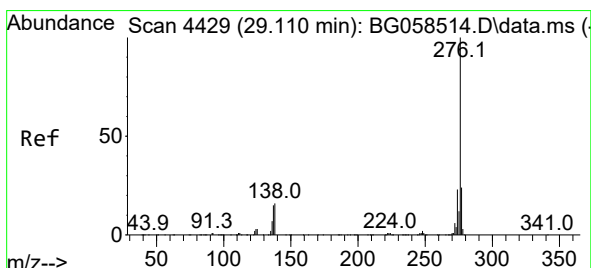
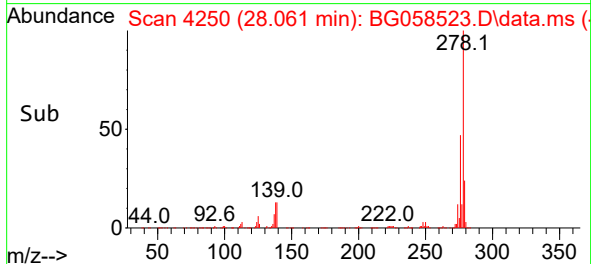
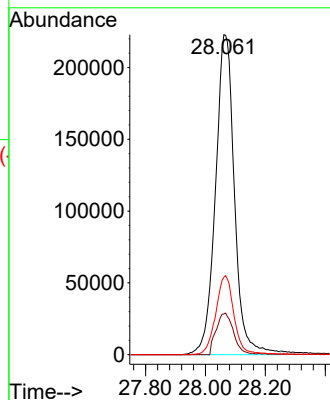
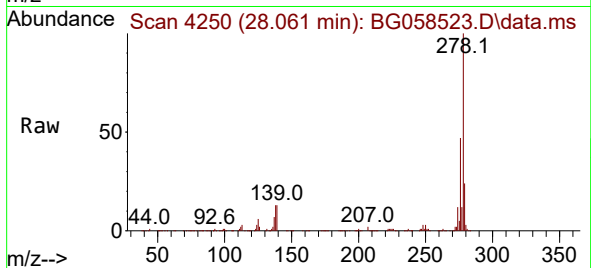
Tgt Ion:278 Resp: 980682

Ion Ratio Lower Upper

278 100

139 12.7 10.4 15.6

279 24.2 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 46.483 ng

RT: 29.107 min Scan# 4428

Delta R.T. -0.003 min

Lab File: BG058523.D

Acq: 28 Jul 2023 18:18

Tgt Ion:276 Resp: 975668

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 17.3 13.0 19.4

