

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058744.D
 Acq On : 16 Aug 2023 12:01
 Operator : MA/JU
 Sample : PB154463BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154463BS

Quant Time: Aug 16 12:44:07 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	7.806	152	30731	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	134796	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	99315	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	250766	20.000	ng	0.00
76) Chrysene-d12	21.449	240	213823	20.000	ng	0.00
86) Perylene-d12	24.522	264	269357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	262265	130.442	ng	0.00
7) Phenol-d6	6.984	99	359149	128.373	ng	0.00
23) Nitrobenzene-d5	8.976	82	219446	79.975	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	189375	116.335	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	514959	77.704	ng	0.00
79) Terphenyl-d14	19.828	244	982615	86.419	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.265	88	31141	31.963	ng	# 88
3) Pyridine	3.658	79	77357	29.123	ng	# 80
4) n-Nitrosodimethylamine	3.582	42	51917	46.130	ng	85
6) Aniline	7.137	93	98598	28.625	ng	97
8) 2-Chlorophenol	7.378	128	98953	50.168	ng	99
9) Benzaldehyde	6.949	77	36919	24.289	ng	96
10) Phenol	7.013	94	133200	48.739	ng	94
11) bis(2-Chloroethyl)ether	7.231	93	88309	40.988	ng	93
12) 1,3-Dichlorobenzene	7.695	146	93308	44.302	ng	98
13) 1,4-Dichlorobenzene	7.848	146	95149	44.992	ng	98
14) 1,2-Dichlorobenzene	8.159	146	93087	46.039	ng	97
15) Benzyl Alcohol	8.053	79	95799	53.995	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.341	45	187222	53.495	ng	96
17) 2-Methylphenol	8.259	107	90427	45.253	ng	95
18) Hexachloroethane	8.888	117	34391	44.741	ng	99
19) n-Nitroso-di-n-propyla...	8.617	70	77913	43.115	ng	92
20) 3+4-Methylphenols	8.588	107	123252	45.599	ng	98
22) Acetophenone	8.635	105	154770	42.881	ng	97
24) Nitrobenzene	9.017	77	115965	41.571	ng	95
25) Isophorone	9.534	82	226708	39.988	ng	99
26) 2-Nitrophenol	9.728	139	53724	44.243	ng	96
27) 2,4-Dimethylphenol	9.786	122	89972	44.669	ng	96
28) bis(2-Chloroethoxy)met...	10.022	93	126602	41.033	ng	100
29) 2,4-Dichlorophenol	10.268	162	98749	47.219	ng	93
30) 1,2,4-Trichlorobenzene	10.474	180	105434	43.716	ng	99
31) Naphthalene	10.662	128	290896	40.945	ng	100
32) Benzoic acid	9.963	122	58862	39.204	ng	99
33) 4-Chloroaniline	10.779	127	62554	20.840	ng	97
34) Hexachlorobutadiene	10.938	225	67841	43.679	ng	93
35) Caprolactam	11.620	113	12019	15.563	ng	93
36) 4-Chloro-3-methylphenol	11.913	107	121540	46.981	ng	99
37) 2-Methylnaphthalene	12.278	142	204181	40.177	ng	97
38) 1-Methylnaphthalene	12.495	142	199321	41.260	ng	100
40) 1,2,4,5-Tetrachloroben...	12.648	216	124567	40.854	ng	99
41) Hexachlorocyclopentadiene	12.618	237	106495	75.607	ng	97
43) 2,4,6-Trichlorophenol	12.895	196	88609	42.251	ng	95

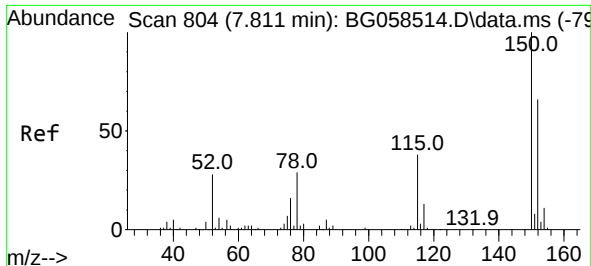
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	99178	40.150	ng	98
46) 1,1'-Biphenyl	13.288	154	278717	40.865	ng	98
47) 2-Chloronaphthalene	13.335	162	225884	42.476	ng	99
48) 2-Nitroaniline	13.547	65	90915	44.790	ng	100
49) Acenaphthylene	14.181	152	376119	42.244	ng	99
50) Dimethylphthalate	13.917	163	314568	42.174	ng	100
51) 2,6-Dinitrotoluene	14.040	165	71803	43.873	ng	97
52) Acenaphthene	14.522	154	213750	41.548	ng	99
53) 3-Nitroaniline	14.375	138	42481	25.944	ng	98
54) 2,4-Dinitrophenol	14.593	184	78729	84.836	ng	93
55) Dibenzofuran	14.857	168	368153	41.646	ng	98
56) 4-Nitrophenol	14.698	139	102487	84.283	ng	92
57) 2,4-Dinitrotoluene	14.834	165	101840	44.885	ng	97
58) Fluorene	15.509	166	298484	42.503	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	89710	42.560	ng	98
60) Diethylphthalate	15.280	149	334251	43.988	ng	99
61) 4-Chlorophenyl-phenyle...	15.497	204	164347	41.977	ng	95
62) 4-Nitroaniline	15.539	138	70737	45.604	ng	94
63) Azobenzene	15.791	77	306453	40.945	ng	97
65) 4,6-Dinitro-2-methylph...	15.603	198	62158	44.954	ng	99
66) n-Nitrosodiphenylamine	15.715	169	270726	41.480	ng	98
67) 4-Bromophenyl-phenylether	16.391	248	114497	40.256	ng	94
68) Hexachlorobenzene	16.514	284	128496	42.635	ng	99
69) Atrazine	16.667	200	114288	51.872	ng	97
70) Pentachlorophenol	16.861	266	123388	67.638	ng	98
71) Phenanthrene	17.248	178	504941	42.459	ng	99
72) Anthracene	17.336	178	507530	41.592	ng	98
73) Carbazole	17.613	167	476691	44.300	ng	99
74) Di-n-butylphthalate	18.165	149	596349	44.246	ng	99
75) Fluoranthene	19.264	202	622699	43.590	ng	98
77) Benzidine	19.452	184	219270	67.625	ng	98
78) Pyrene	19.628	202	633490	43.533	ng	98
80) Butylbenzylphthalate	20.509	149	264523	44.255	ng	99
81) Benzo(a)anthracene	21.432	228	643142	43.706	ng	98
82) 3,3'-Dichlorobenzidine	21.349	252	173253	34.823	ng	99
83) Chrysene	21.496	228	595274	42.192	ng	98
84) Bis(2-ethylhexyl)phtha...	21.332	149	389393	44.579	ng	100
85) Di-n-octyl phthalate	22.483	149	685642	44.647	ng	97
87) Indeno(1,2,3-cd)pyrene	28.024	276	799816	44.634	ng	# 81
88) Benzo(b)fluoranthene	23.547	252	689998	47.230	ng	99
89) Benzo(k)fluoranthene	23.611	252	635603	43.308	ng	99
90) Benzo(a)pyrene	24.375	252	606288	42.258	ng	99
91) Dibenzo(a,h)anthracene	28.077	278	663309	44.767	ng	99
92) Benzo(g,h,i)perylene	29.117	276	641352	43.166	ng	98

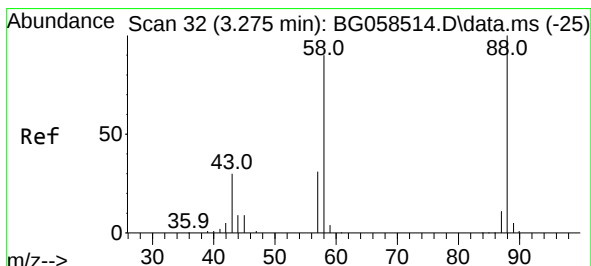
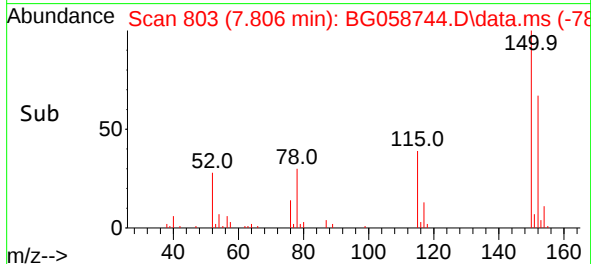
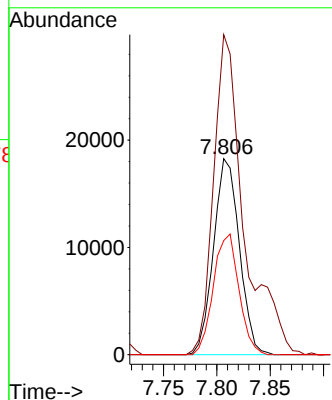
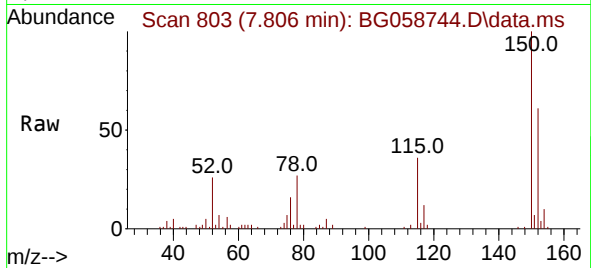
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG058744.D
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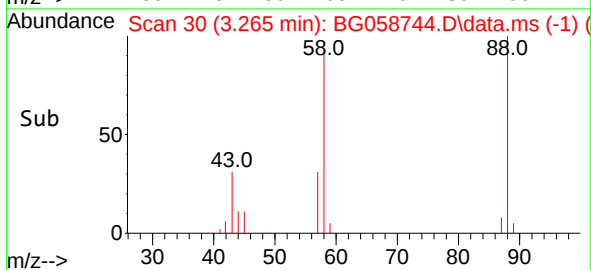
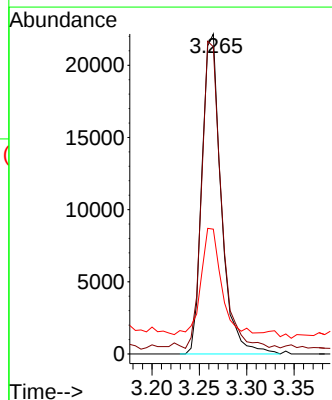
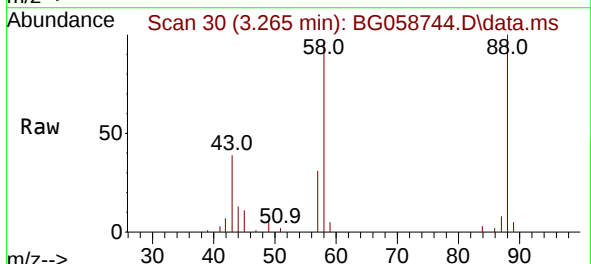
Instrument :
BNA_G
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PB154463BS

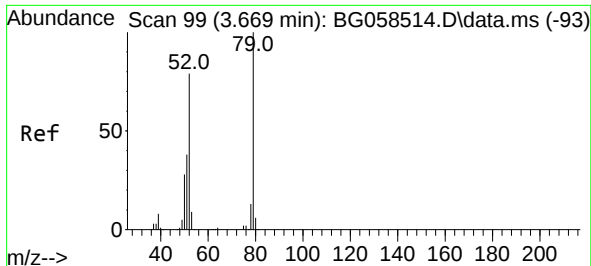
Tgt Ion:152 Resp: 30731
Ion Ratio Lower Upper
152 100
150 163.2 120.5 180.7
115 58.2 45.9 68.9



#2
1,4-Dioxane
Concen: 31.963 ng
RT: 3.265 min Scan# 30
Delta R.T. -0.011 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

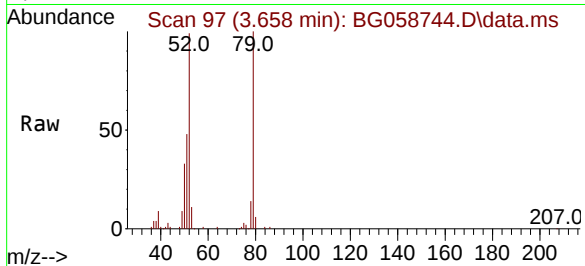
Tgt Ion: 88 Resp: 31141
Ion Ratio Lower Upper
88 100
58 96.8 68.9 103.3
43 34.9 22.9 34.3#



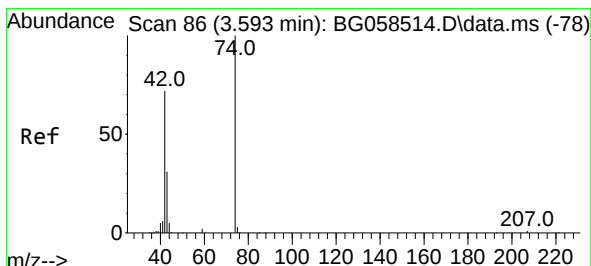
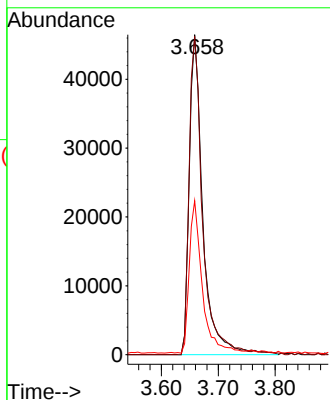
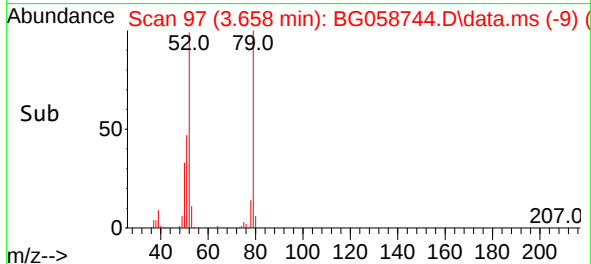


#3
 Pyridine
 Concen: 29.123 ng
 RT: 3.658 min Scan# 91
 Delta R.T. -0.011 min
 Lab File: BG058744.D
 Acq: 16 Aug 2023 12:01

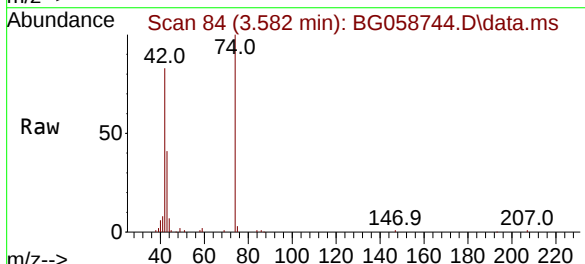
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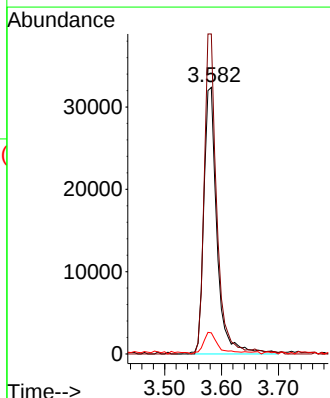
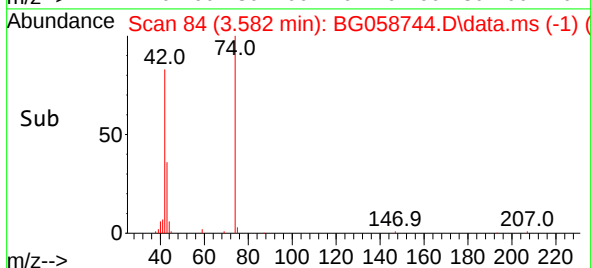
Tgt Ion: 79 Resp: 77357
 Ion Ratio Lower Upper
 79 100
 52 99.4 63.2 94.8#
 51 48.1 31.9 47.9#



#4
 n-Nitrosodimethylamine
 Concen: 46.130 ng
 RT: 3.582 min Scan# 84
 Delta R.T. -0.011 min
 Lab File: BG058744.D
 Acq: 16 Aug 2023 12:01



Tgt Ion: 42 Resp: 51917
 Ion Ratio Lower Upper
 42 100
 74 120.0 111.5 167.3
 44 8.0 5.4 8.2

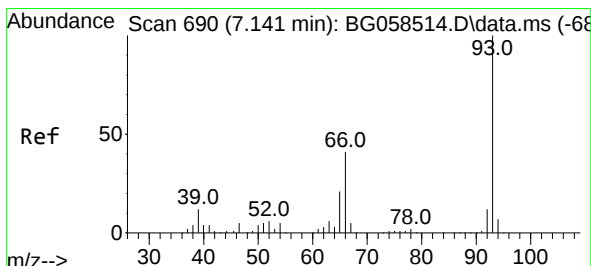
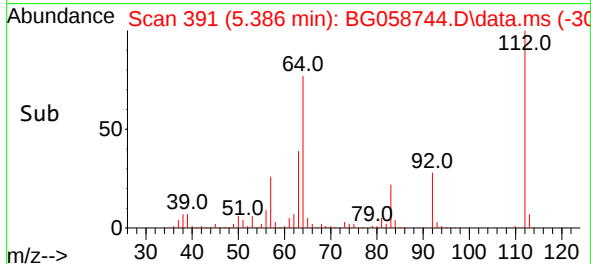
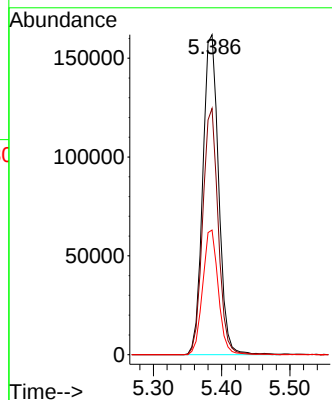
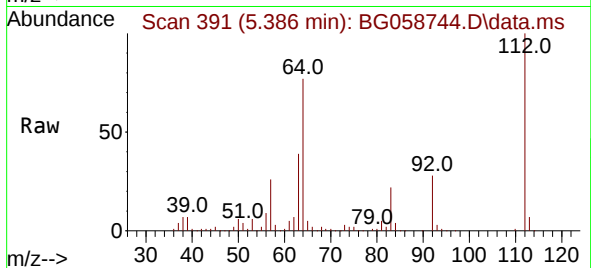




#5
2-Fluorophenol
Concen: 130.442 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

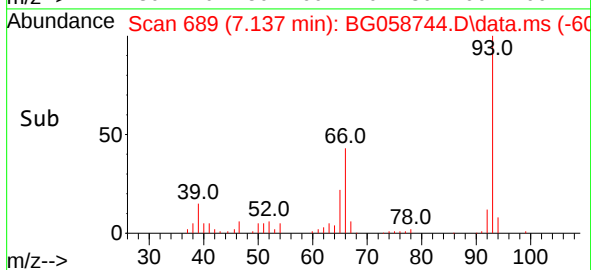
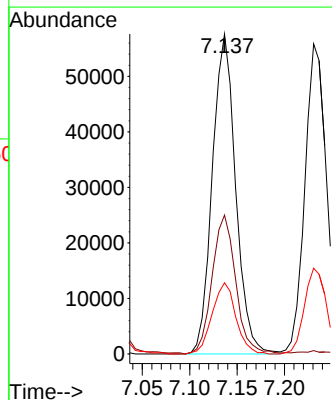
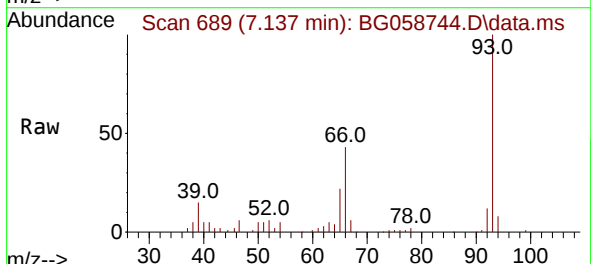
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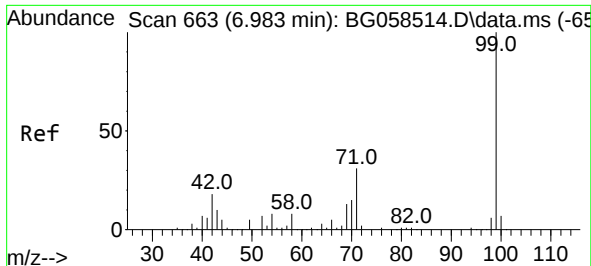
Tgt Ion:112 Resp: 262265
Ion Ratio Lower Upper
112 100
64 76.9 55.3 82.9
63 39.0 28.3 42.5



#6
Aniline
Concen: 28.625 ng
RT: 7.137 min Scan# 689
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion: 93 Resp: 98598
Ion Ratio Lower Upper
93 100
66 43.4 33.1 49.7
65 22.3 17.0 25.4

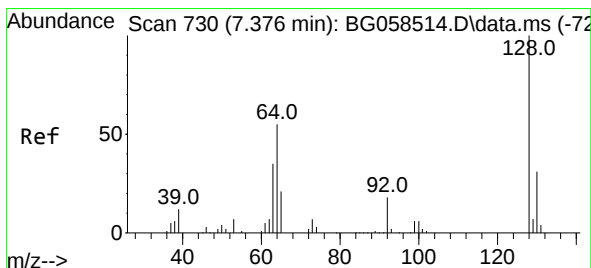
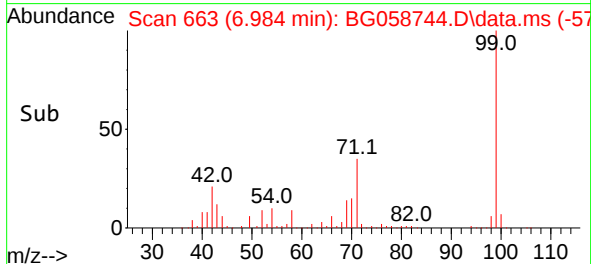
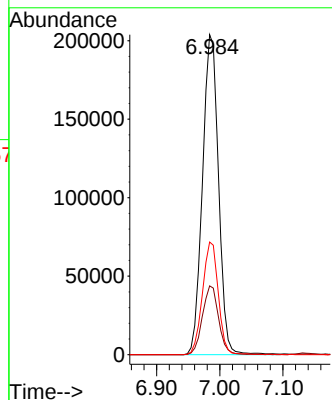
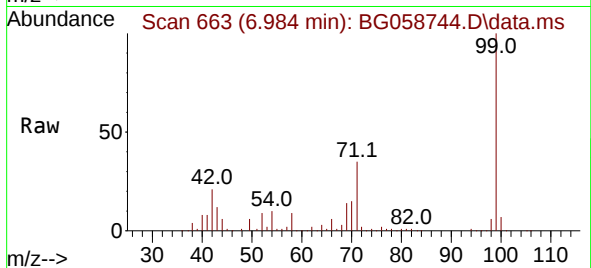




#7
Phenol-d6
Concen: 128.373 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

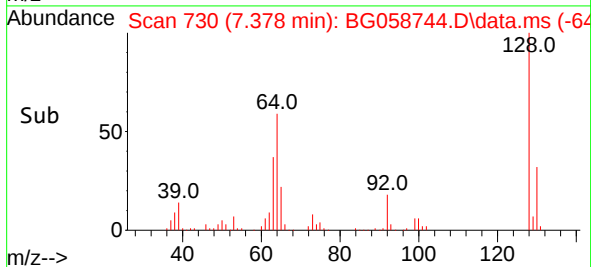
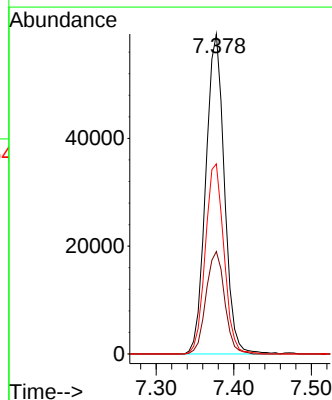
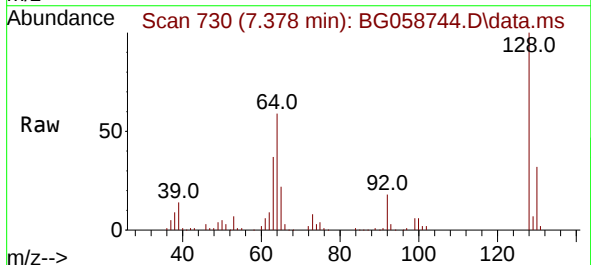
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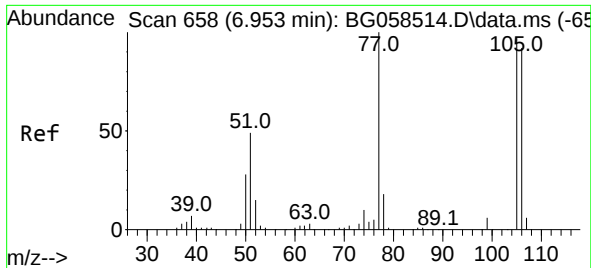
Tgt Ion: 99 Resp: 359149
Ion Ratio Lower Upper
99 100
42 21.5 14.6 21.8
71 35.2 25.0 37.4



#8
2-Chlorophenol
Concen: 50.168 ng
RT: 7.378 min Scan# 730
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:128 Resp: 98953
Ion Ratio Lower Upper
128 100
130 32.0 10.9 50.9
64 59.4 39.0 79.0

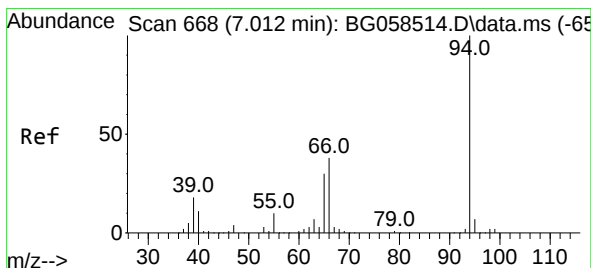
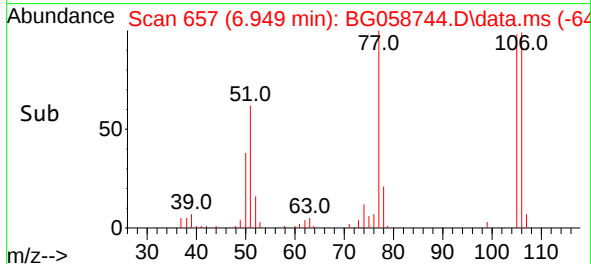
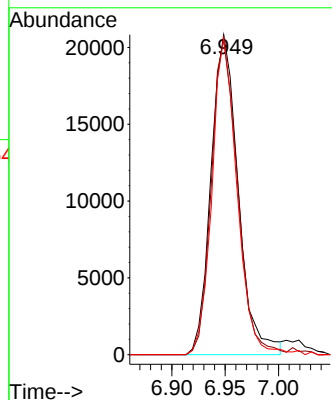
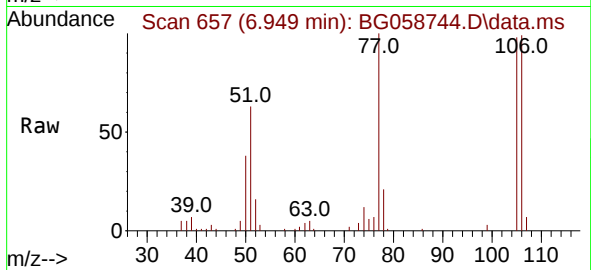




#9
Benzaldehyde
Concen: 24.289 ng
RT: 6.949 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

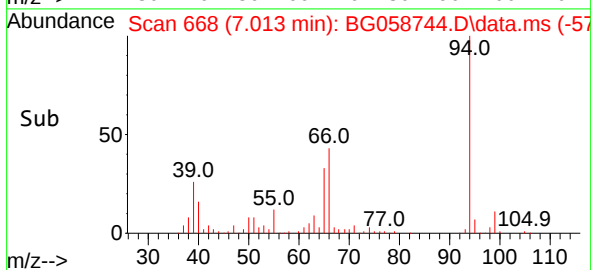
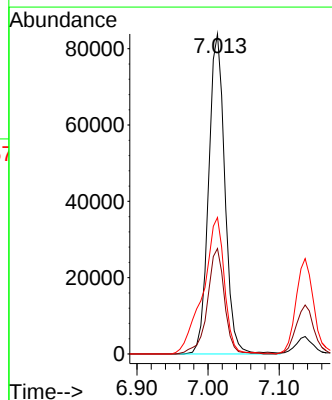
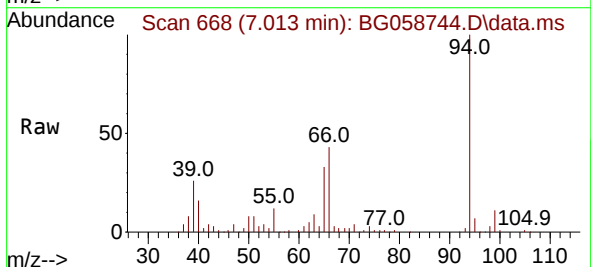
Instrument :
BNA_G
ClientSampleId :
PB154463BS

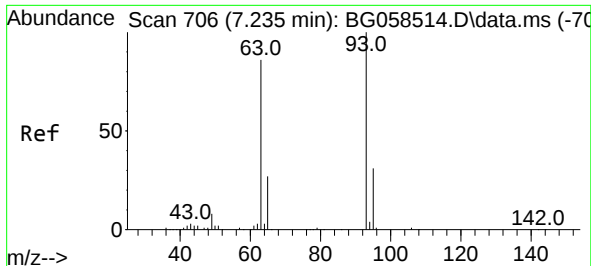
Tgt Ion: 77 Resp: 36919
Ion Ratio Lower Upper
77 100
105 98.4 77.1 117.1
106 99.0 71.6 111.6



#10
Phenol
Concen: 48.739 ng
RT: 7.013 min Scan# 668
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion: 94 Resp: 133200
Ion Ratio Lower Upper
94 100
65 33.0 10.4 50.4
66 42.7 18.7 58.7

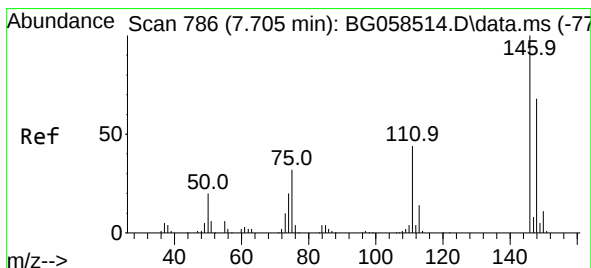
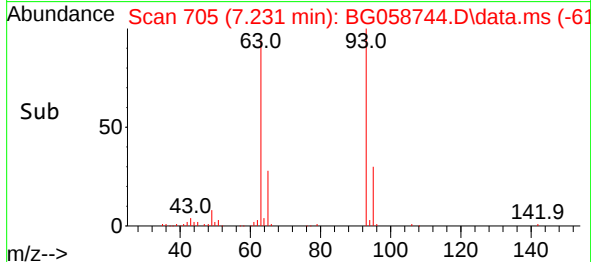
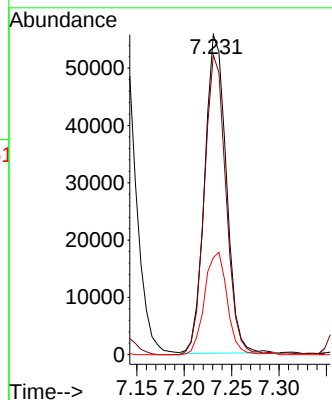
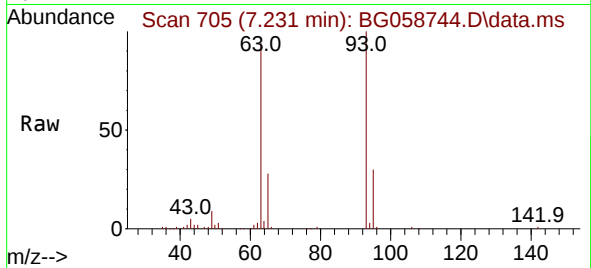




#11
bis(2-Chloroethyl)ether
Concen: 40.988 ng
RT: 7.231 min Scan# 706
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

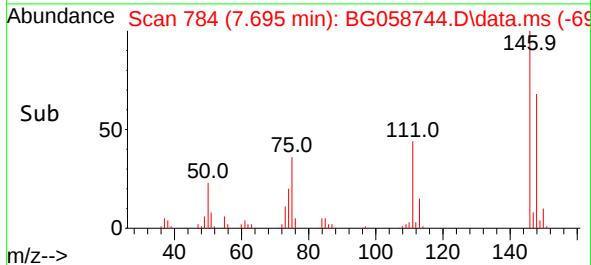
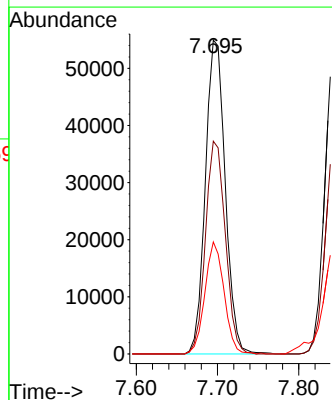
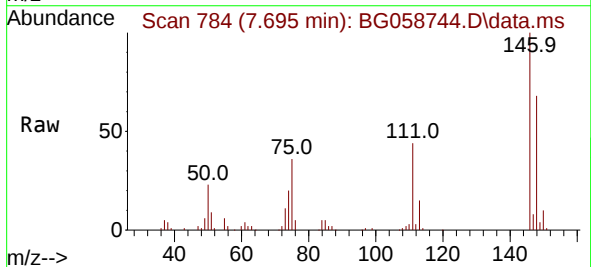
Instrument :
BNA_G
ClientSampleId :
PB154463BS

Tgt Ion: 93 Resp: 88309
Ion Ratio Lower Upper
93 100
63 93.6 65.5 105.5
95 30.4 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 44.302 ng
RT: 7.695 min Scan# 784
Delta R.T. -0.011 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion: 146 Resp: 93308
Ion Ratio Lower Upper
146 100
148 67.8 54.7 82.1
75 35.7 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 44.992 ng

RT: 7.848 min Scan# 811

Delta R.T. -0.005 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

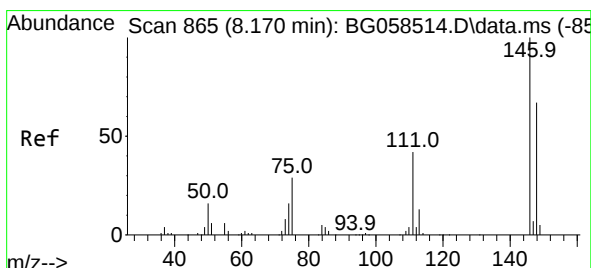
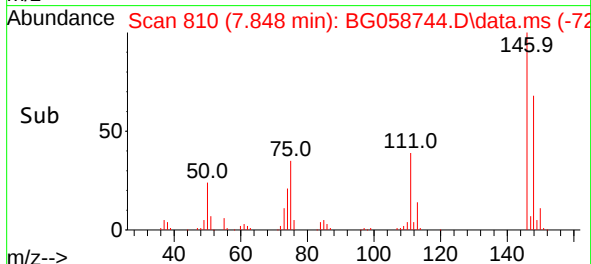
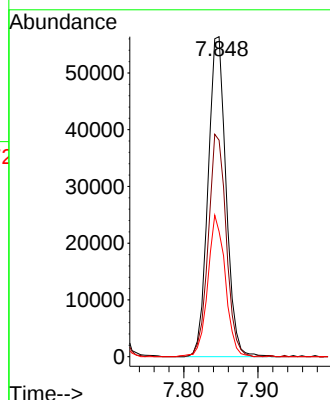
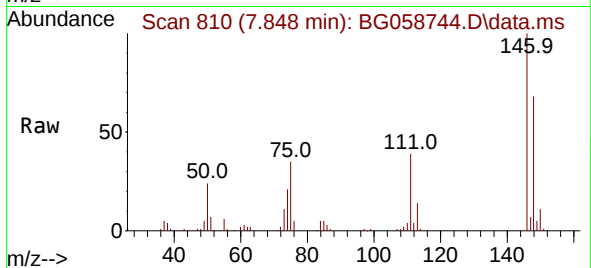
Tgt Ion:146 Resp: 95149

Ion Ratio Lower Upper

146 100

148 67.7 52.8 79.2

111 39.1 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 46.039 ng

RT: 8.159 min Scan# 863

Delta R.T. -0.011 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

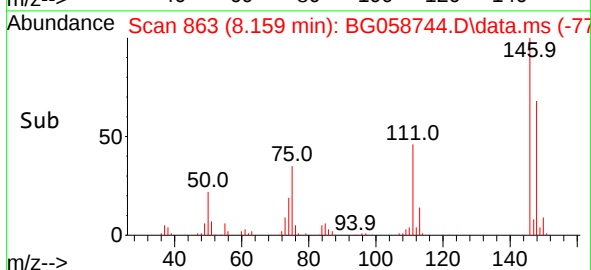
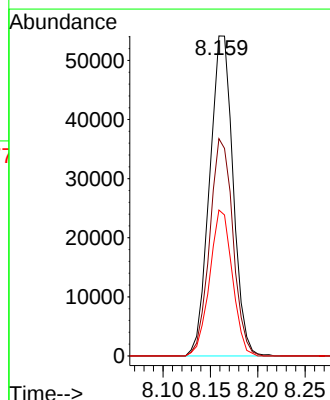
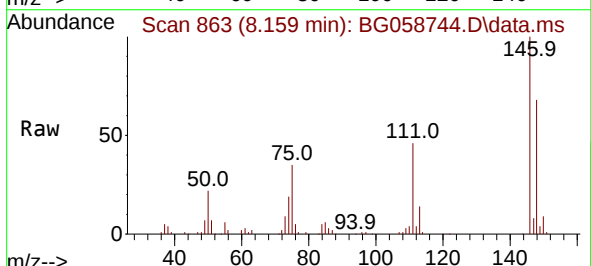
Tgt Ion:146 Resp: 93087

Ion Ratio Lower Upper

146 100

148 67.9 53.4 80.2

111 45.6 34.2 51.2

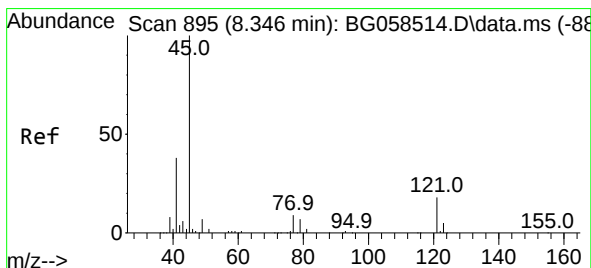
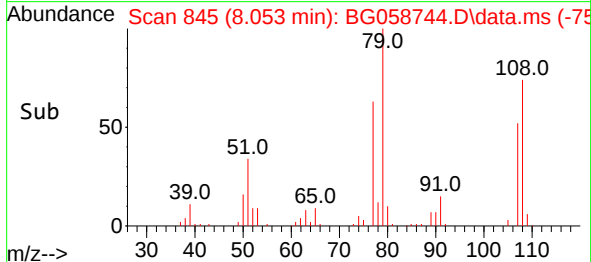
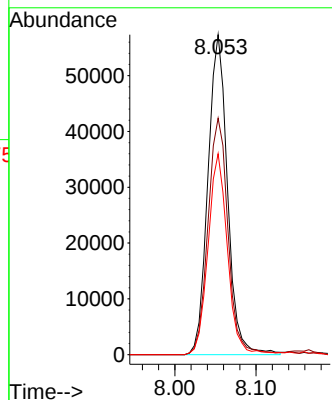
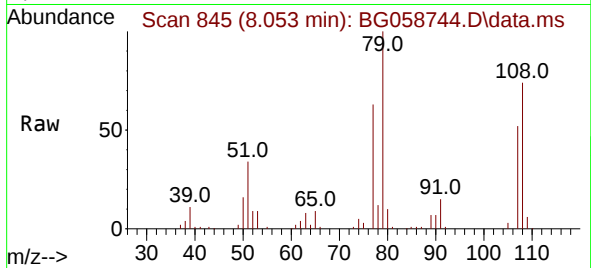




#15
Benzyl Alcohol
Concen: 53.995 ng
RT: 8.053 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

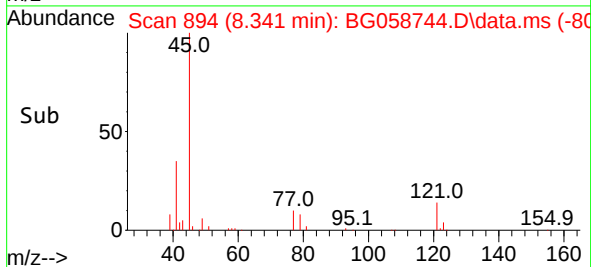
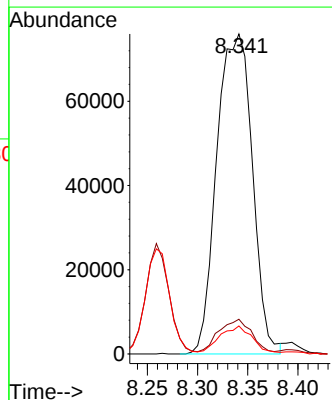
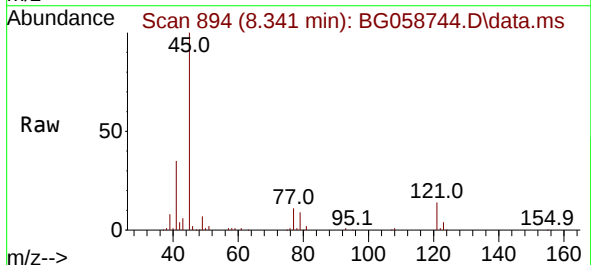
Instrument :
BNA_G
ClientSampleId :
PB154463BS

Tgt Ion: 79 Resp: 95799
Ion Ratio Lower Upper
79 100
108 73.9 63.8 95.6
77 62.8 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.495 ng
RT: 8.341 min Scan# 894
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion: 45 Resp: 187222
Ion Ratio Lower Upper
45 100
77 10.8 0.0 32.6
79 8.7 0.0 30.2

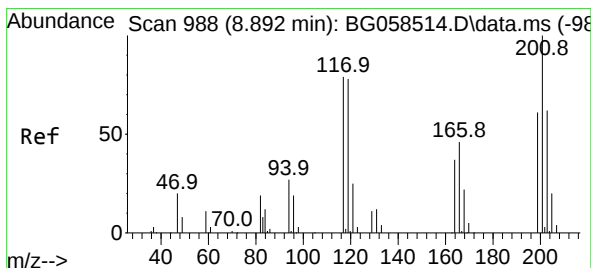
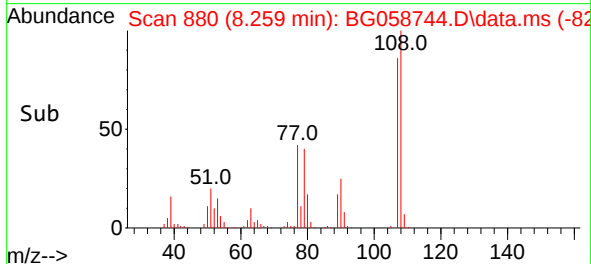
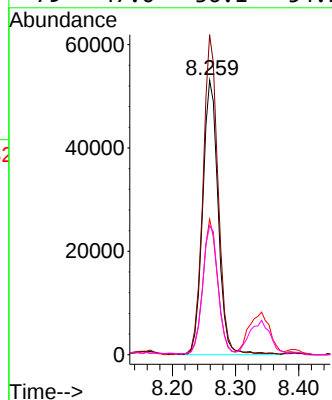
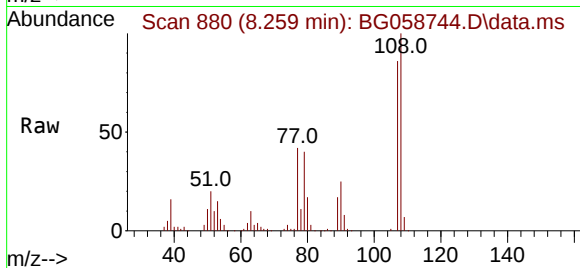




#17
2-Methylphenol
Concen: 45.253 ng
RT: 8.259 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

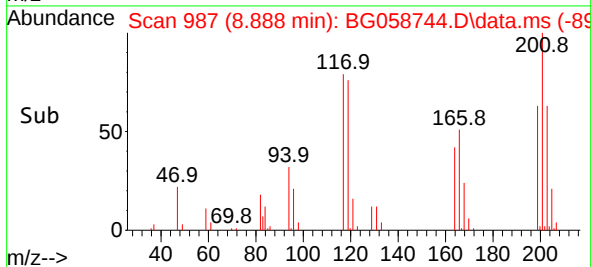
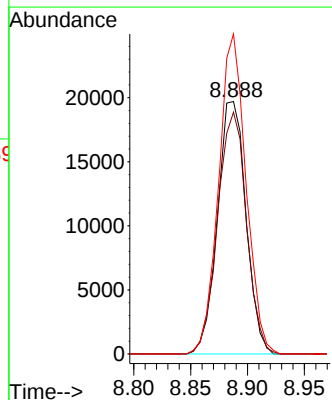
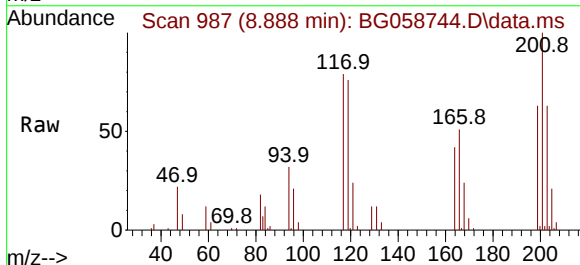
Instrument :
BNA_G
ClientSampleId :
PB154463BS

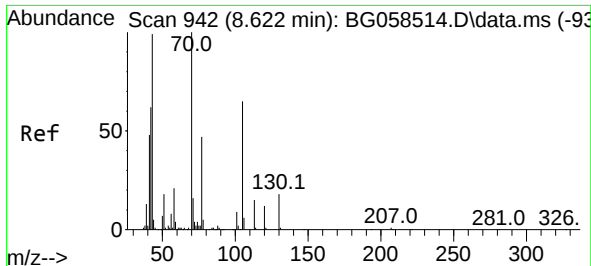
Tgt Ion:	107	Resp:	90427
Ion	Ratio	Lower	Upper
107	100		
108	116.6	89.1	133.7
77	49.4	36.2	54.4
79	47.0	36.1	54.1



#18
Hexachloroethane
Concen: 44.741 ng
RT: 8.888 min Scan# 987
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:	117	Resp:	34391
Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.6	117.8
201	126.8	101.4	152.0

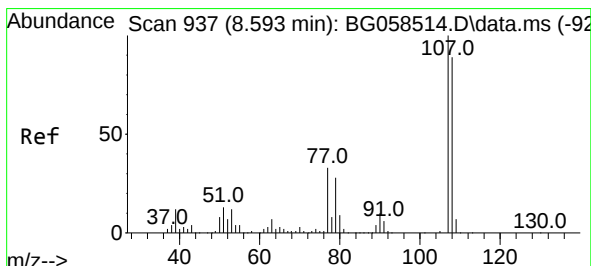
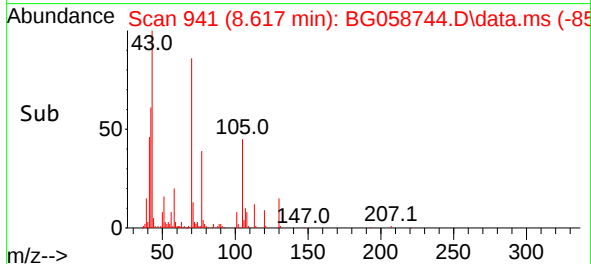
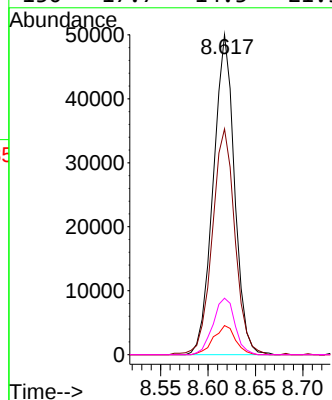
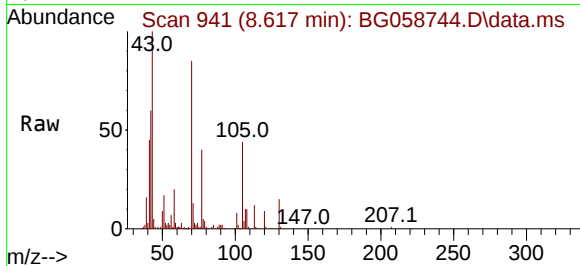




#19
n-Nitroso-di-n-propylamine
Concen: 43.115 ng
RT: 8.617 min Scan# 941
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

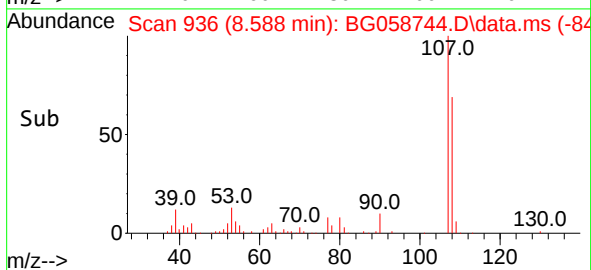
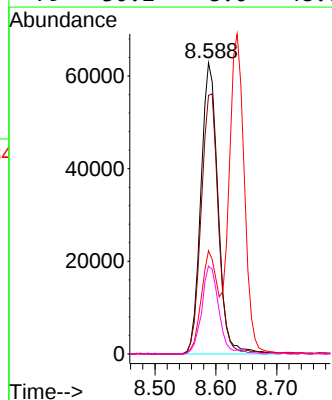
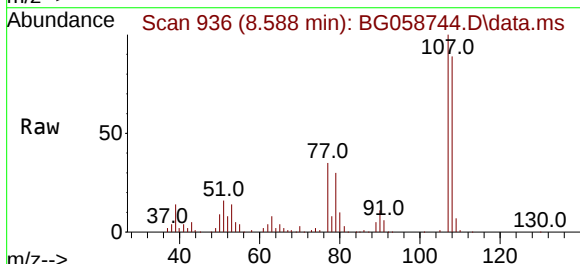
Instrument :
BNA_G
ClientSampleId :
PB154463BS

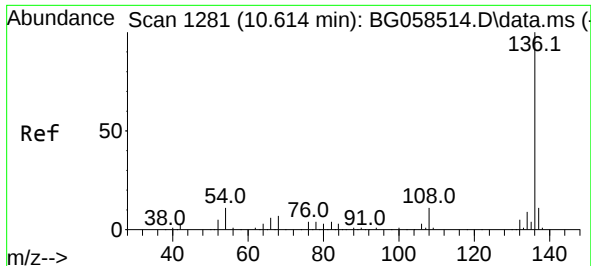
Tgt Ion: 70 Resp: 77913
Ion Ratio Lower Upper
70 100
42 70.6 49.7 74.5
101 9.1 7.0 10.4
130 17.7 14.3 21.5



#20
3+4-Methylphenols
Concen: 45.599 ng
RT: 8.588 min Scan# 936
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion: 107 Resp: 123252
Ion Ratio Lower Upper
107 100
108 88.8 69.4 109.4
77 35.5 13.0 53.0
79 30.2 8.0 48.0

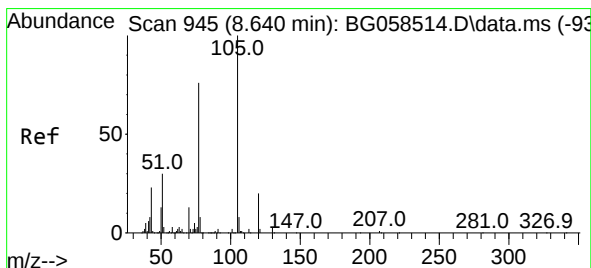
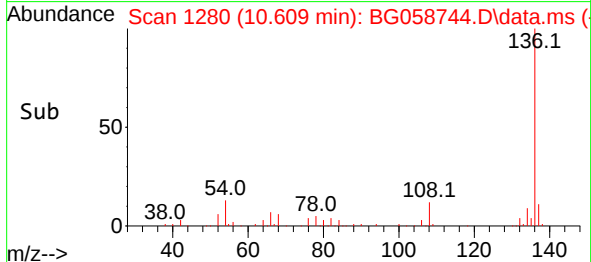
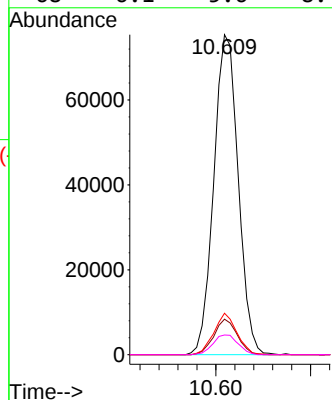
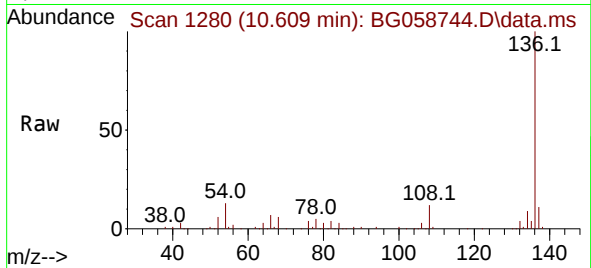




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

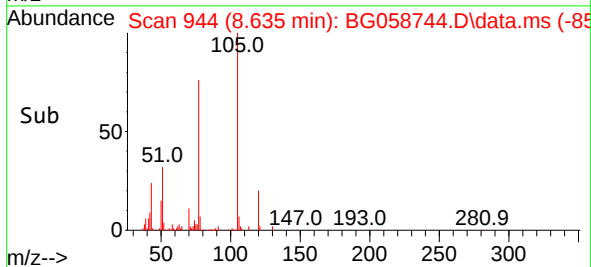
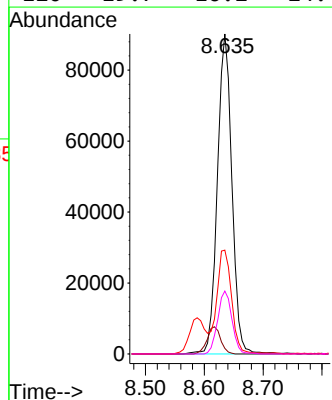
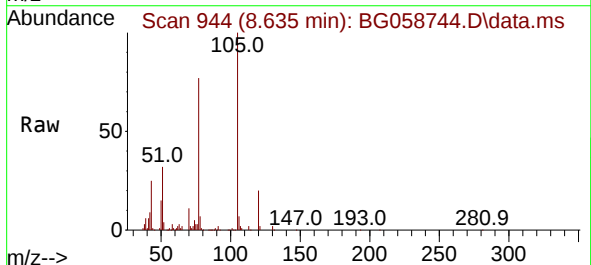
Instrument :
BNA_G
ClientSampleId :
PB154463BS

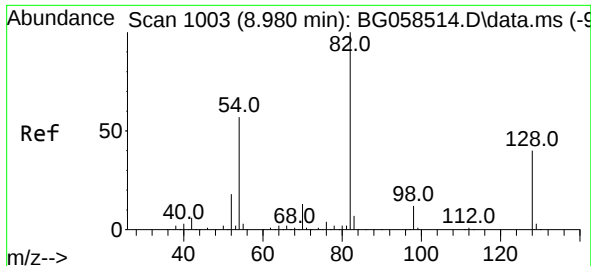
Tgt Ion:	136	Resp:	134796
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	13.0	8.9	13.3
68	6.1	5.6	8.4



#22
Acetophenone
Concen: 42.881 ng
RT: 8.635 min Scan# 944
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:	105	Resp:	154770
Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.8	2.6
51	32.5	24.2	36.2
120	19.7	16.2	24.4





#23
Nitrobenzene-d5
Concen: 79.975 ng
RT: 8.976 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

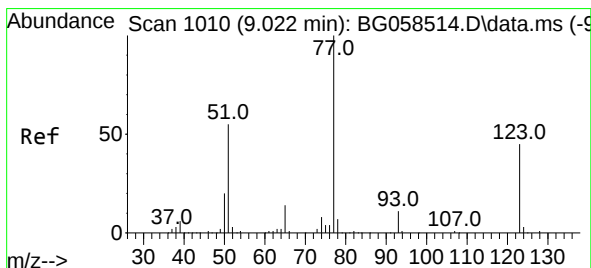
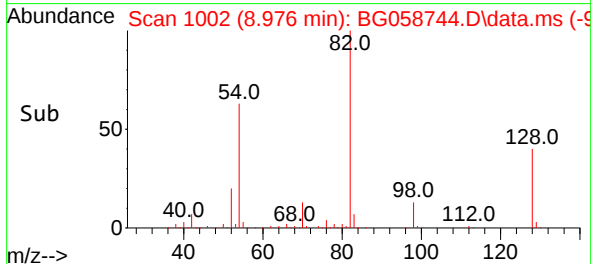
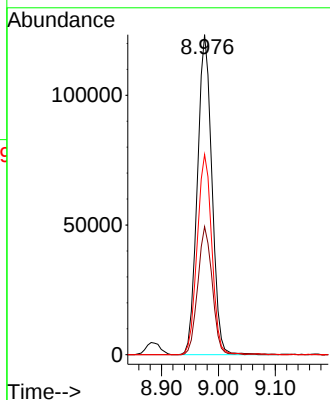
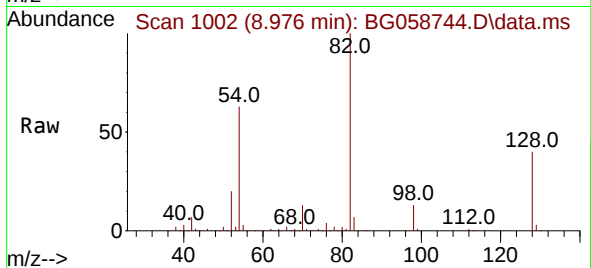
Instrument :

BNA_G

ClientSampleId :

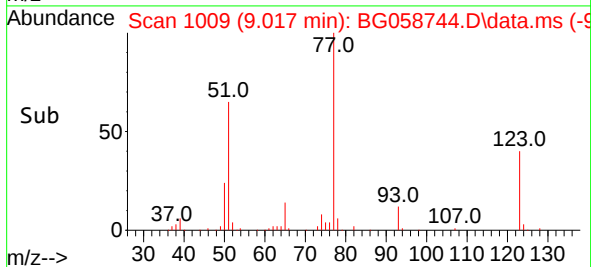
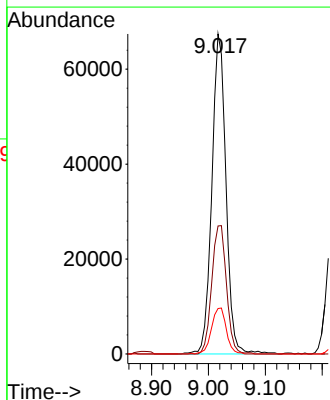
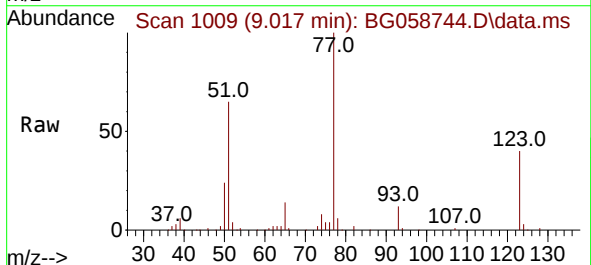
PB154463BS

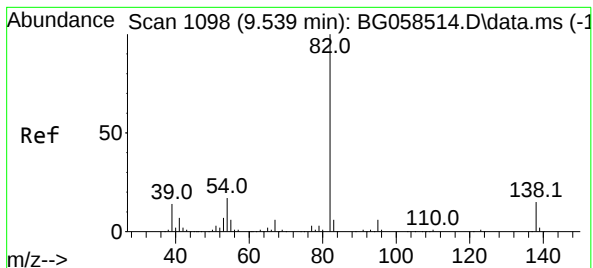
Tgt Ion: 82 Resp: 219446
Ion Ratio Lower Upper
82 100
128 40.0 32.2 48.2
54 62.5 46.0 69.0



#24
Nitrobenzene
Concen: 41.571 ng
RT: 9.017 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion: 77 Resp: 115965
Ion Ratio Lower Upper
77 100
123 40.0 35.6 53.4
65 14.2 11.4 17.0





#25

Isophorone

Concen: 39.988 ng

RT: 9.534 min Scan# 1107

Delta R.T. -0.005 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

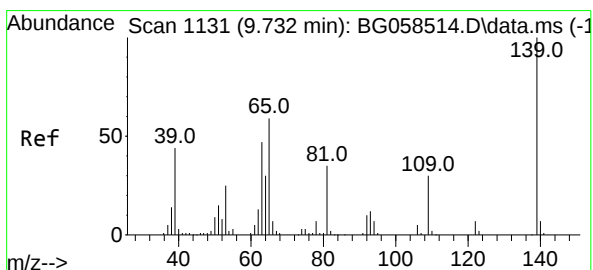
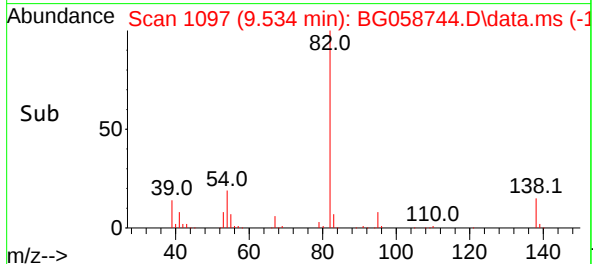
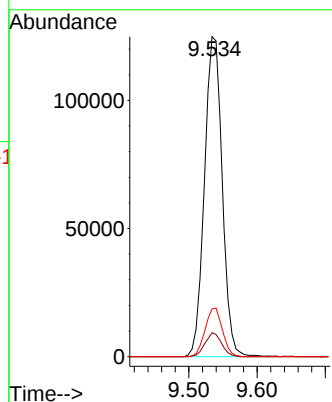
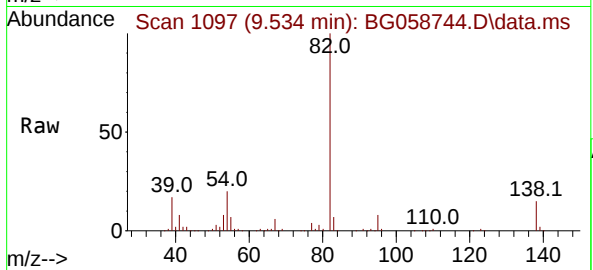
Tgt Ion: 82 Resp: 226708

Ion Ratio Lower Upper

82 100

95 7.5 5.1 7.7

138 15.0 11.9 17.9



#26

2-Nitrophenol

Concen: 44.243 ng

RT: 9.728 min Scan# 1130

Delta R.T. -0.005 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

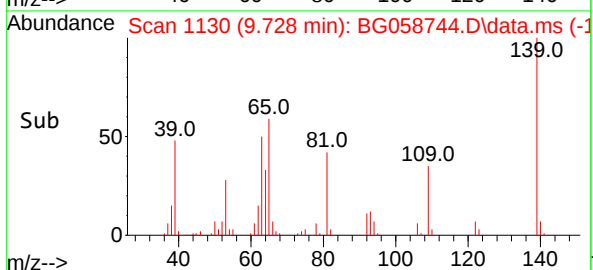
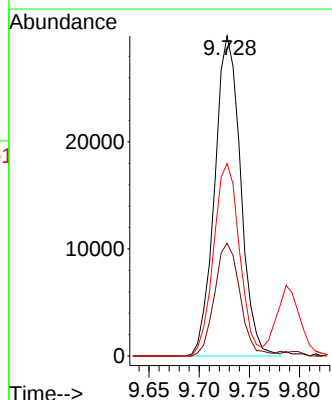
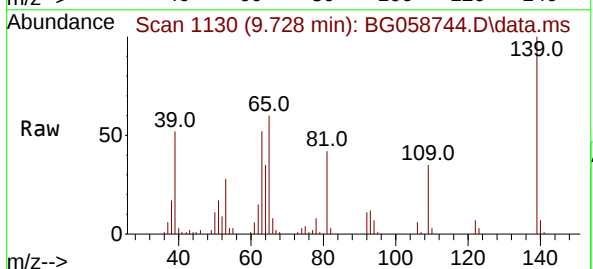
Tgt Ion:139 Resp: 53724

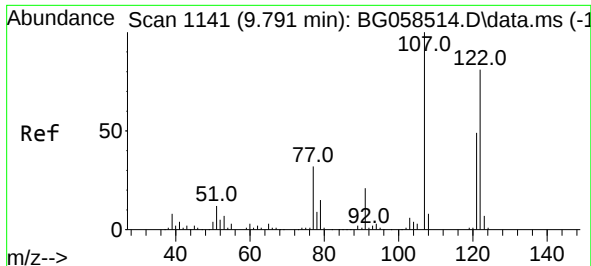
Ion Ratio Lower Upper

139 100

109 35.2 24.2 36.2

65 60.1 47.0 70.4

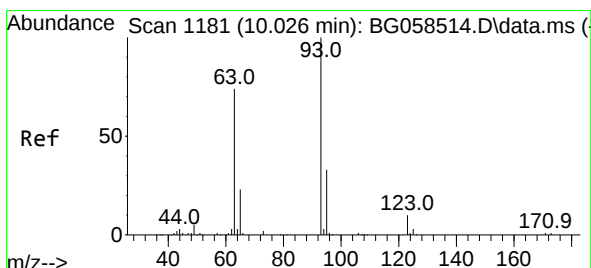
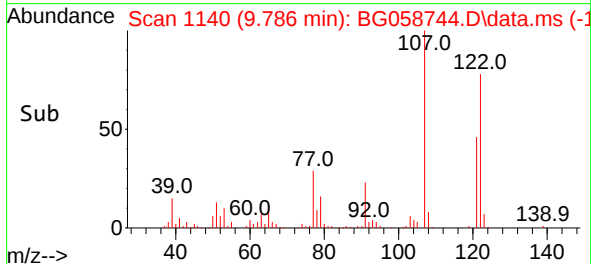
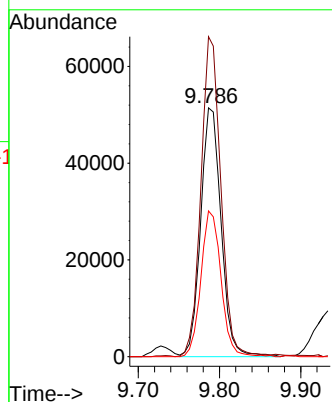
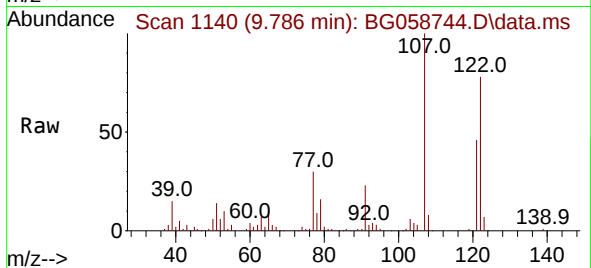




#27
2,4-Dimethylphenol
Concen: 44.669 ng
RT: 9.786 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

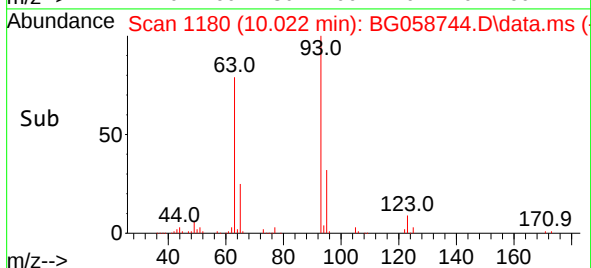
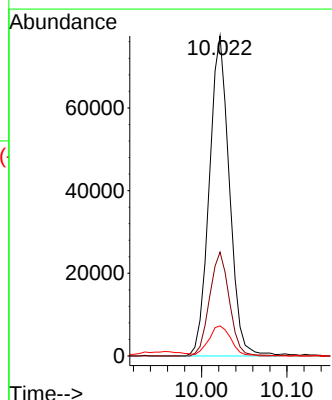
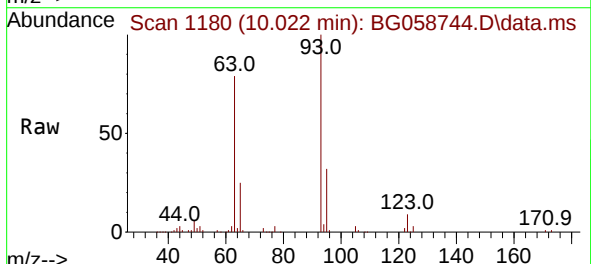
Instrument :
BNA_G
ClientSampleId :
PB154463BS

Tgt Ion:122 Resp: 89972
Ion Ratio Lower Upper
122 100
107 128.6 98.0 147.0
121 58.6 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.033 ng
RT: 10.022 min Scan# 1180
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion: 93 Resp: 126602
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 9.4 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 47.219 ng

RT: 10.268 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

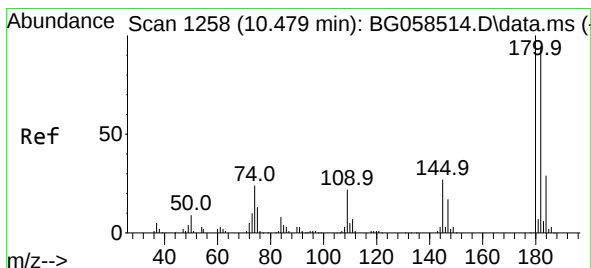
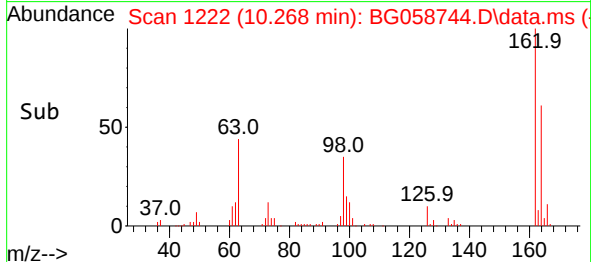
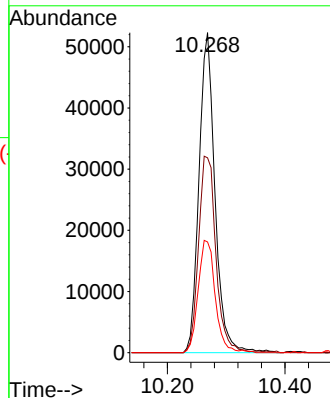
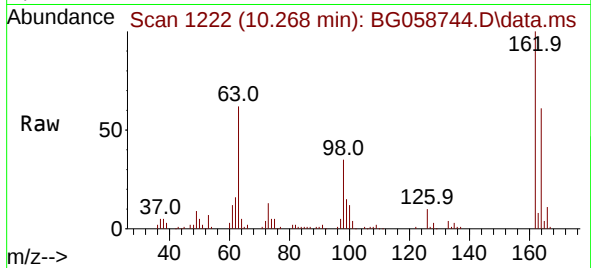
Tgt Ion:162 Resp: 98749

Ion Ratio Lower Upper

162 100

164 60.9 47.6 87.6

98 34.6 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 43.716 ng

RT: 10.474 min Scan# 1257

Delta R.T. -0.005 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

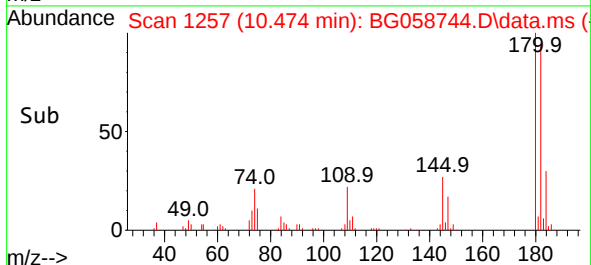
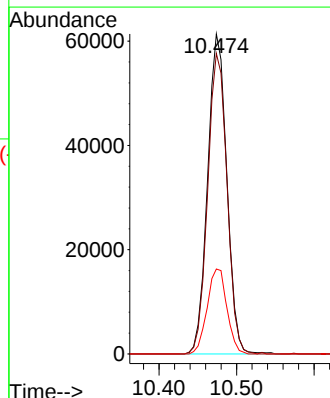
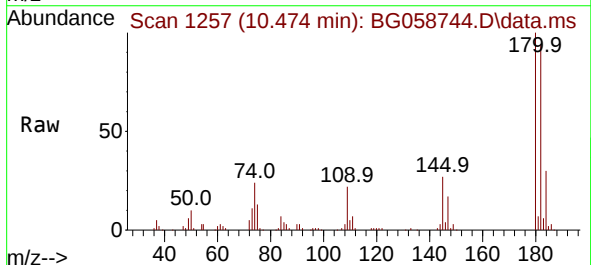
Tgt Ion:180 Resp: 105434

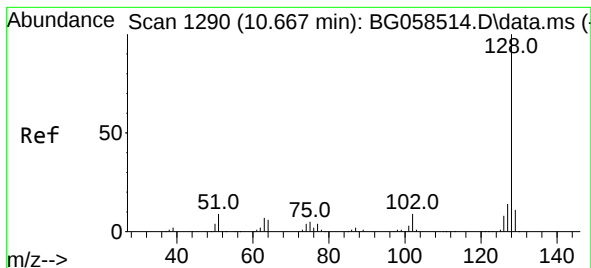
Ion Ratio Lower Upper

180 100

182 93.9 75.0 112.4

145 26.6 21.9 32.9

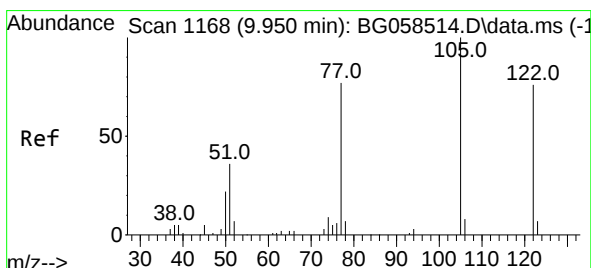
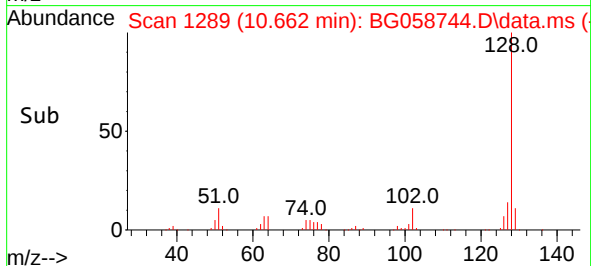
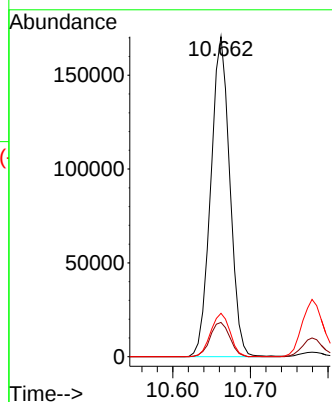
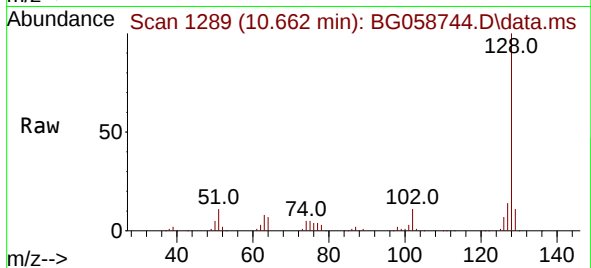




#31
Naphthalene
Concen: 40.945 ng
RT: 10.662 min Scan# 1170
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

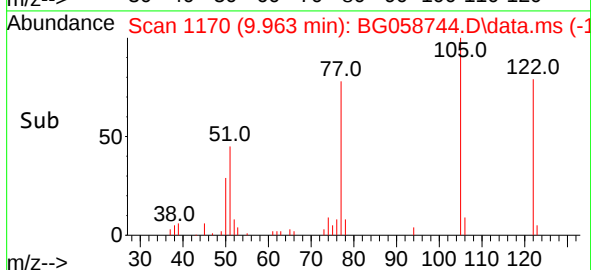
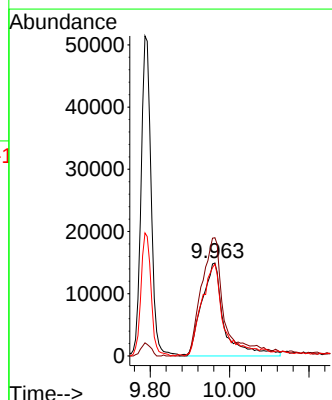
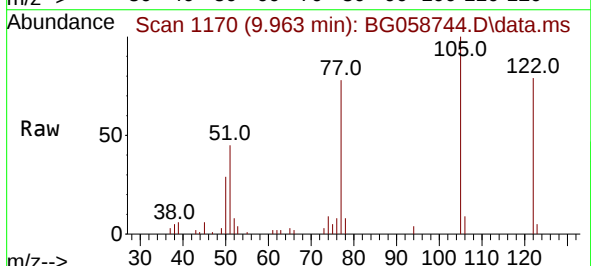
Instrument :
BNA_G
ClientSampleId :
PB154463BS

Tgt Ion:128 Resp: 290896
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 39.204 ng
RT: 9.963 min Scan# 1170
Delta R.T. 0.013 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:122 Resp: 58862
Ion Ratio Lower Upper
122 100
105 127.3 106.5 146.5
77 99.0 78.1 118.1

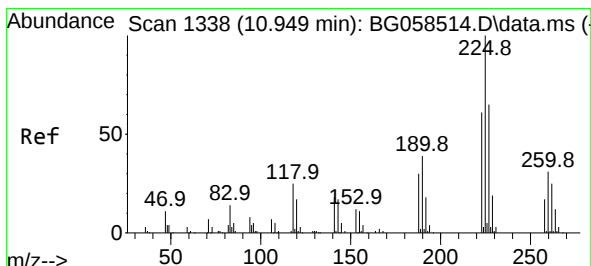
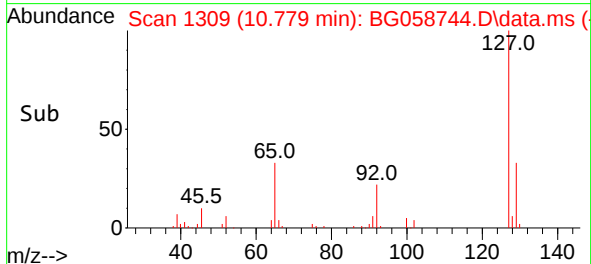
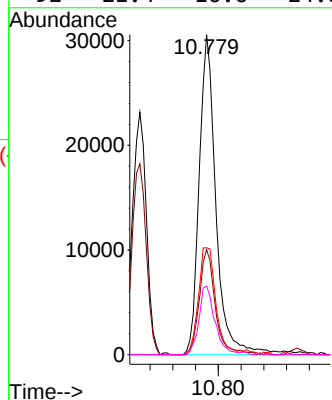
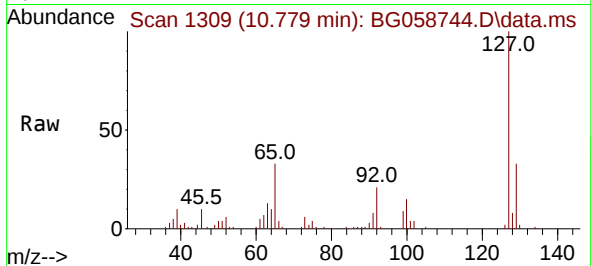




#33
4-Chloroaniline
Concen: 20.840 ng
RT: 10.779 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

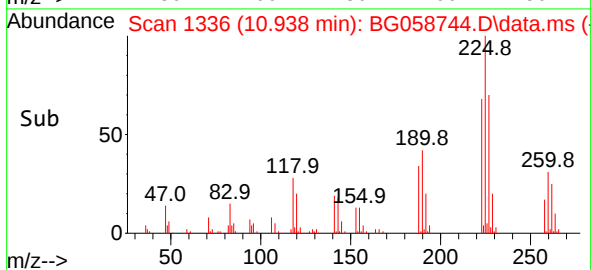
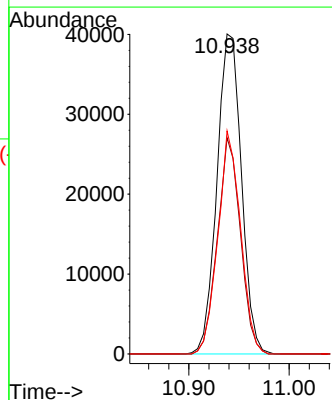
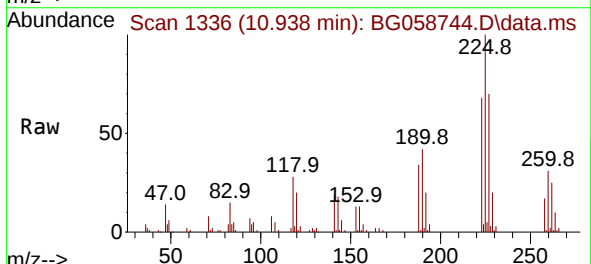
Instrument :
BNA_G
ClientSampleId :
PB154463BS

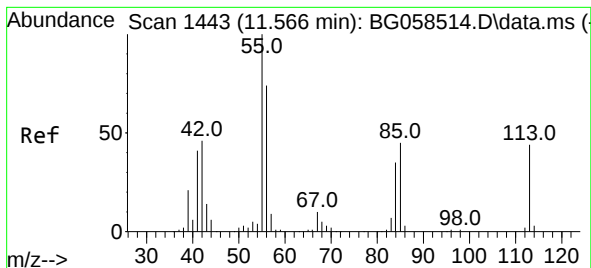
Tgt Ion:	127	Resp:	62554
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.4	38.2
65	33.4	29.5	44.3
92	21.4	16.6	24.8



#34
Hexachlorobutadiene
Concen: 43.679 ng
RT: 10.938 min Scan# 1336
Delta R.T. -0.011 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:	225	Resp:	67841
Ion	Ratio	Lower	Upper
225	100		
223	67.5	49.0	73.6
227	69.7	51.7	77.5

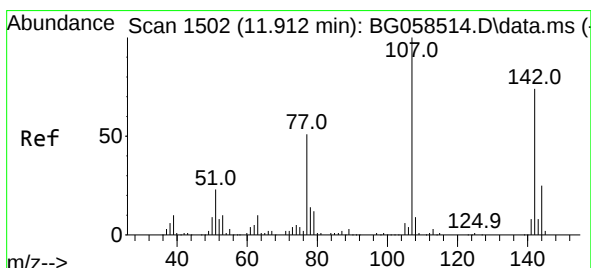
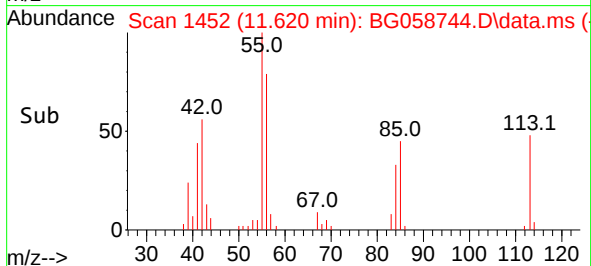
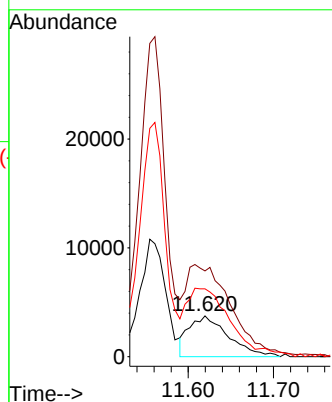
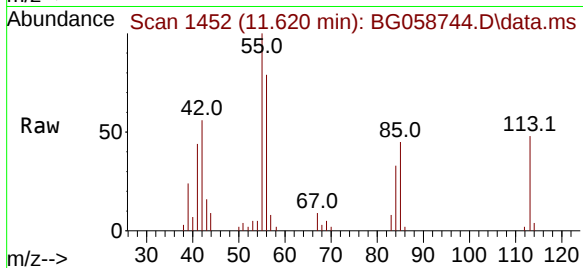




#35
 Caprolactam
 Concen: 15.563 ng
 RT: 11.620 min Scan# 1443
 Delta R.T. 0.054 min
 Lab File: BG058744.D
 Acq: 16 Aug 2023 12:01

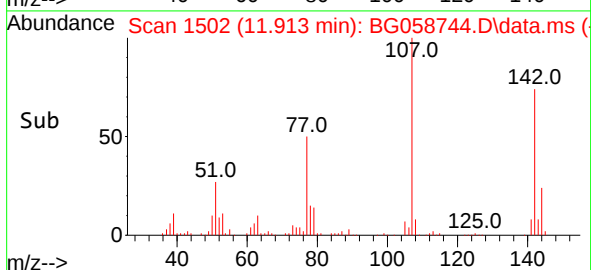
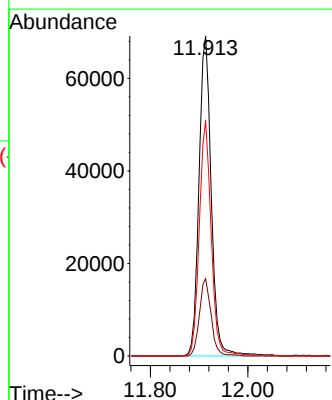
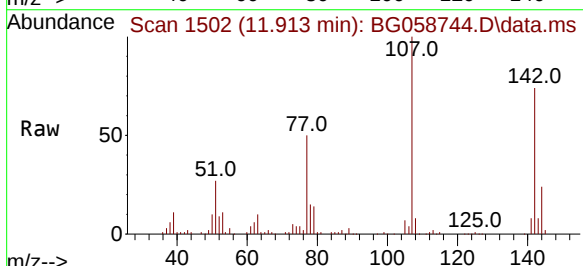
Instrument :
 BNA_G
 ClientSampleId :
 PB154463BS

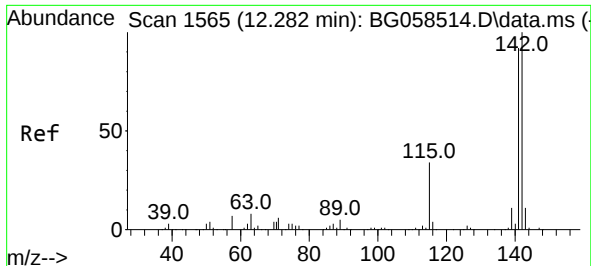
Tgt Ion:113 Resp: 12019
 Ion Ratio Lower Upper
 113 100
 55 210.0 208.0 248.0
 56 166.1 148.6 188.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.981 ng
 RT: 11.913 min Scan# 1502
 Delta R.T. 0.001 min
 Lab File: BG058744.D
 Acq: 16 Aug 2023 12:01

Tgt Ion:107 Resp: 121540
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.6 29.4
 142 73.6 59.3 88.9





#37

2-Methylnaphthalene

Concen: 40.177 ng

RT: 12.278 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

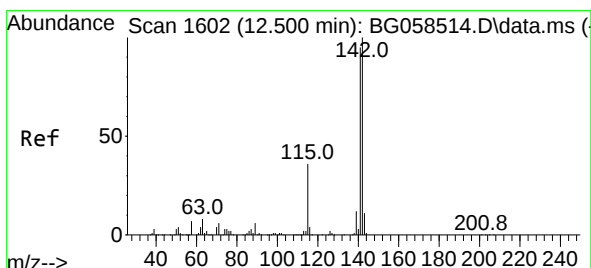
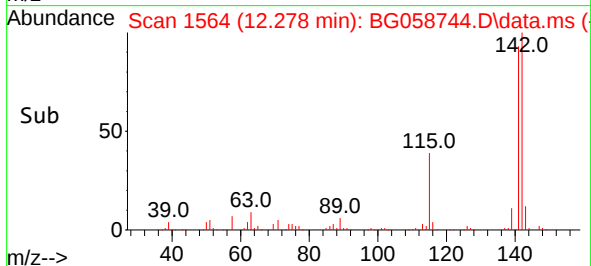
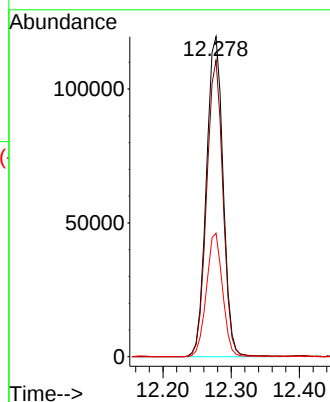
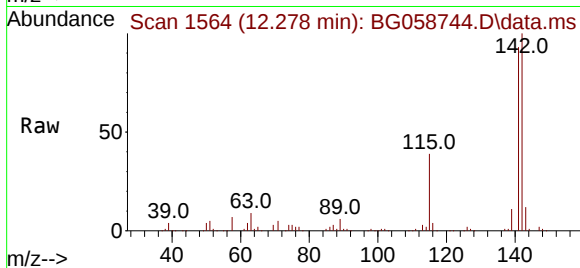
Tgt Ion:142 Resp: 204181

Ion Ratio Lower Upper

142 100

141 92.6 73.5 110.3

115 38.6 27.4 41.0



#38

1-Methylnaphthalene

Concen: 41.260 ng

RT: 12.495 min Scan# 1601

Delta R.T. -0.005 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

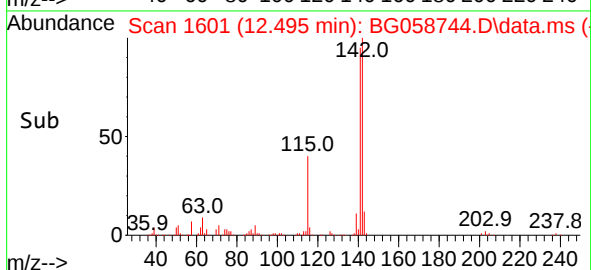
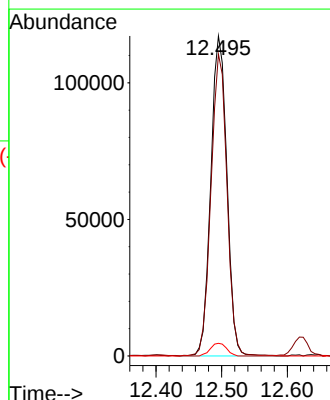
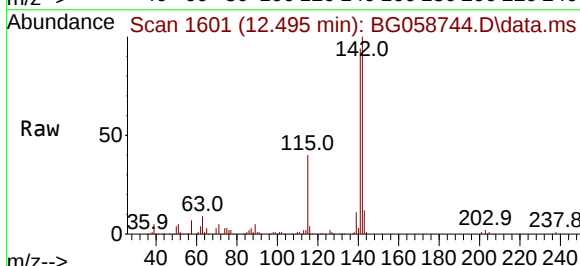
Tgt Ion:142 Resp: 199321

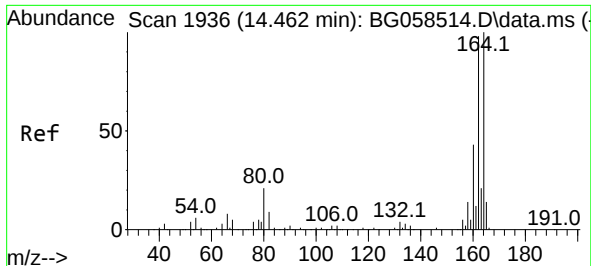
Ion Ratio Lower Upper

142 100

141 94.3 75.7 113.5

116 3.9 3.2 4.8

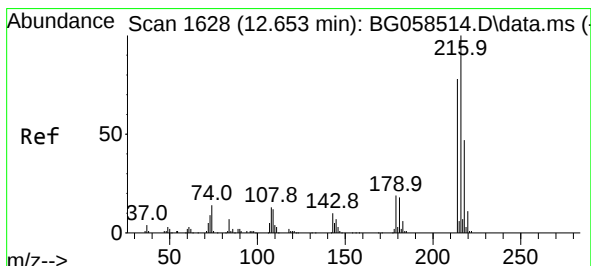
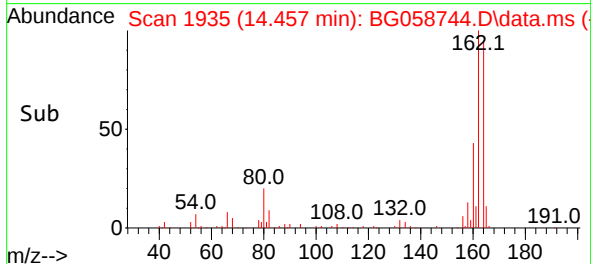
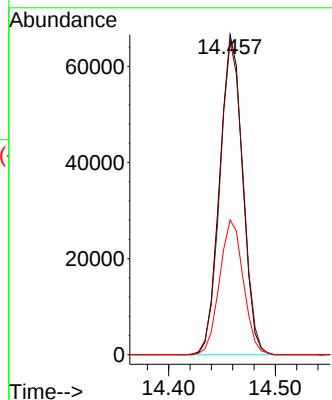
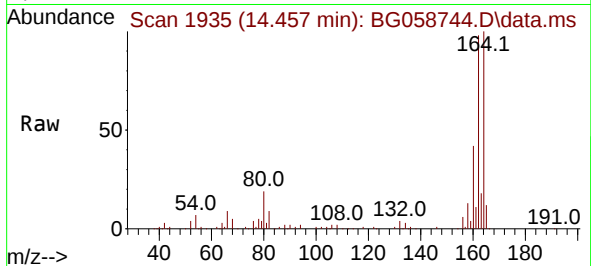




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

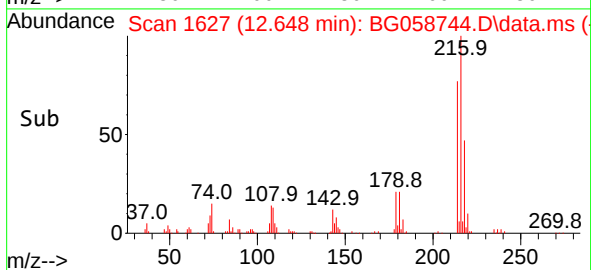
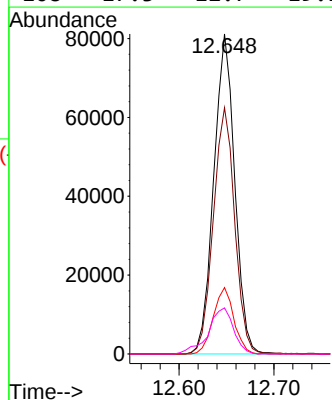
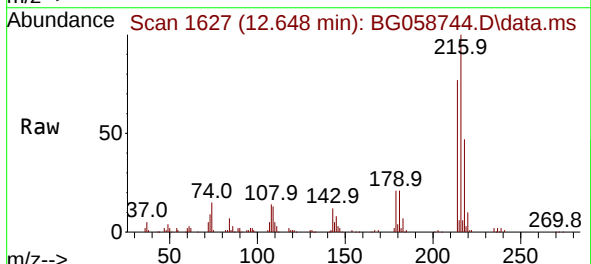
Instrument :
BNA_G
ClientSampleId :
PB154463BS

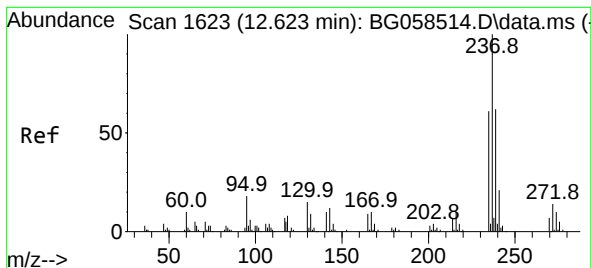
Tgt Ion:164 Resp: 99315
Ion Ratio Lower Upper
164 100
162 98.1 78.3 117.5
160 42.1 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.854 ng
RT: 12.648 min Scan# 1627
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:216 Resp: 124567
Ion Ratio Lower Upper
216 100
214 78.5 63.1 94.7
179 20.4 15.6 23.4
108 17.3 12.7 19.1

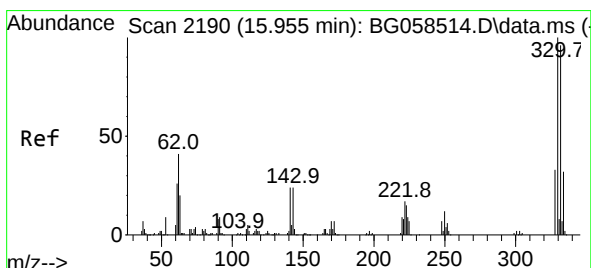
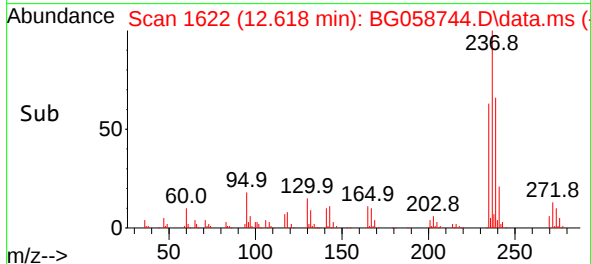
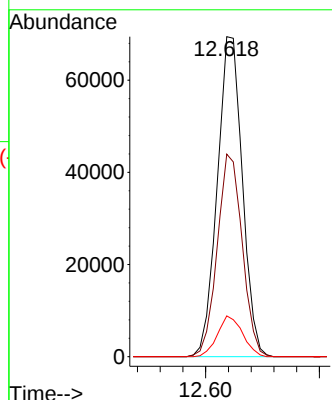
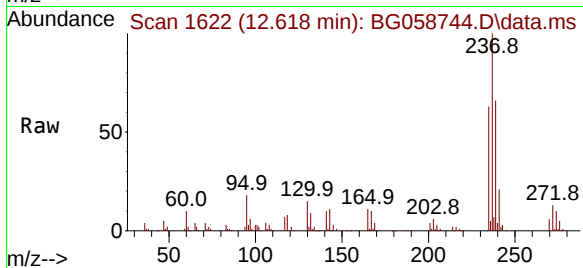




#41
Hexachlorocyclopentadiene
Concen: 75.607 ng
RT: 12.618 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

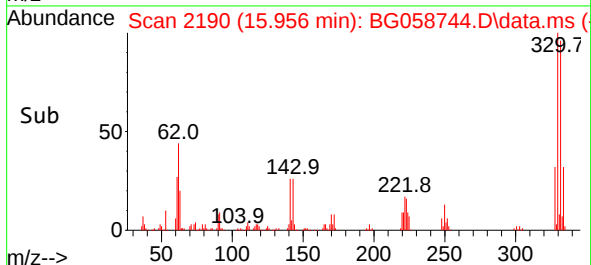
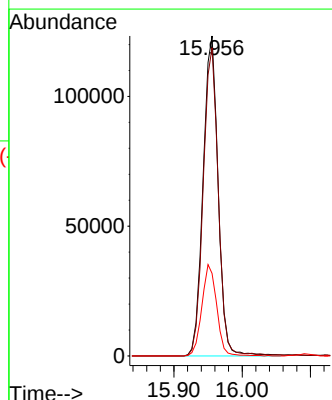
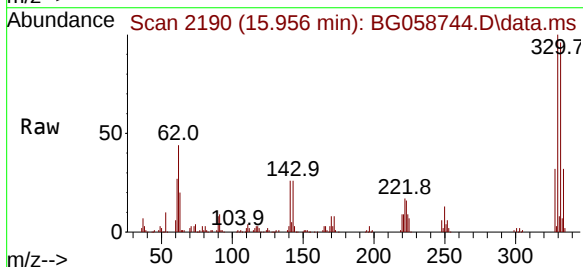
Instrument :
BNA_G
ClientSampleId :
PB154463BS

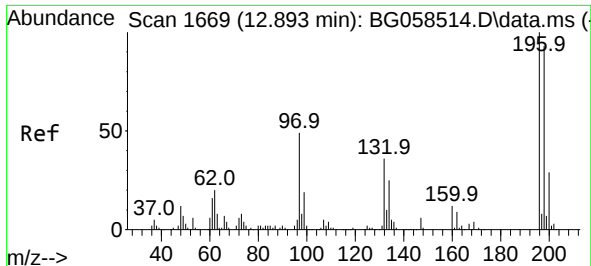
Tgt Ion:237 Resp: 106495
Ion Ratio Lower Upper
237 100
235 63.3 41.0 81.0
272 12.8 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 116.335 ng
RT: 15.956 min Scan# 2190
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:330 Resp: 189375
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 28.1 20.7 31.1

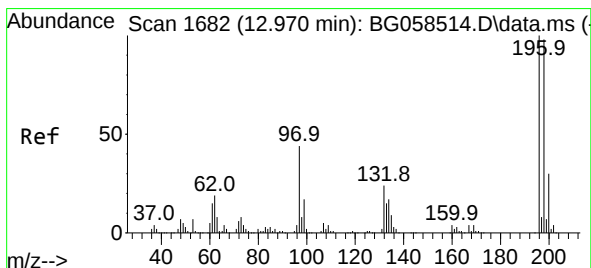
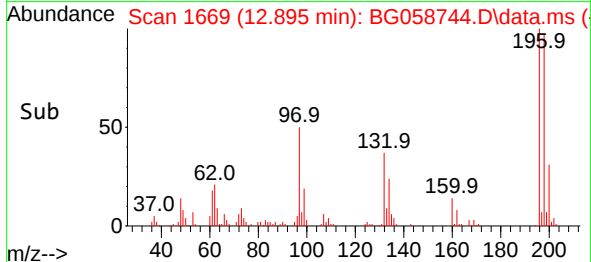
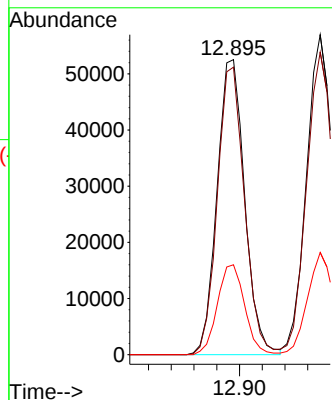
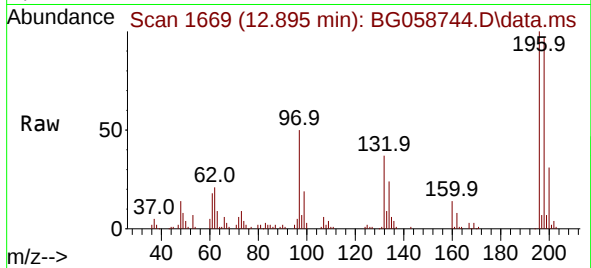




#43
2,4,6-Trichlorophenol
Concen: 42.251 ng
RT: 12.895 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

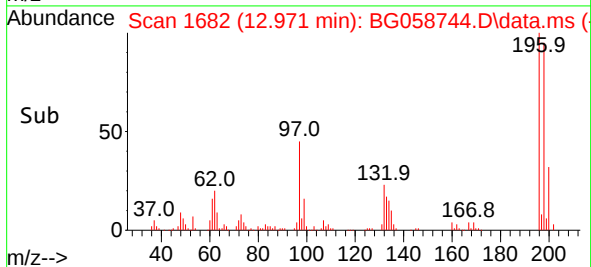
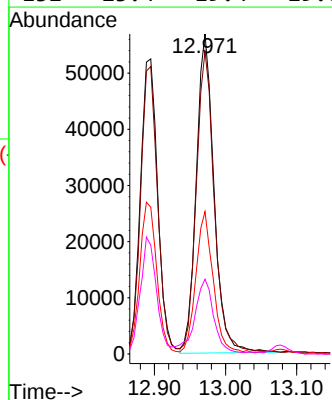
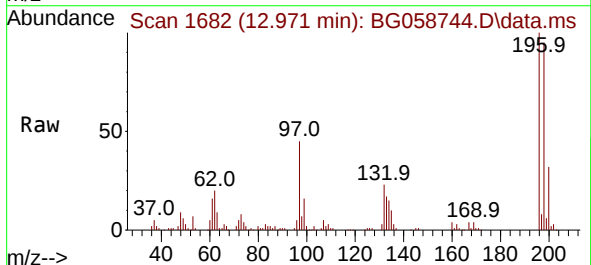
Instrument :
BNA_G
ClientSampleId :
PB154463BS

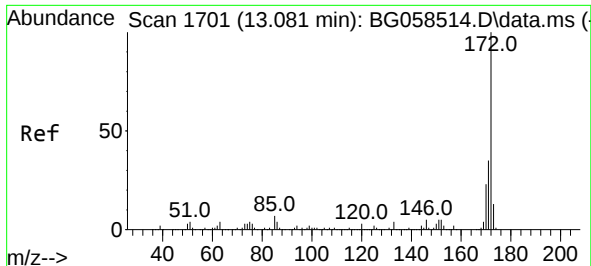
Tgt Ion:196 Resp: 88609
Ion Ratio Lower Upper
196 100
198 97.5 74.2 111.4
200 30.5 22.9 34.3



#44
2,4,5-Trichlorophenol
Concen: 40.150 ng
RT: 12.971 min Scan# 1682
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:196 Resp: 99178
Ion Ratio Lower Upper
196 100
198 94.6 78.3 117.5
97 44.5 35.2 52.8
132 23.4 19.4 29.0

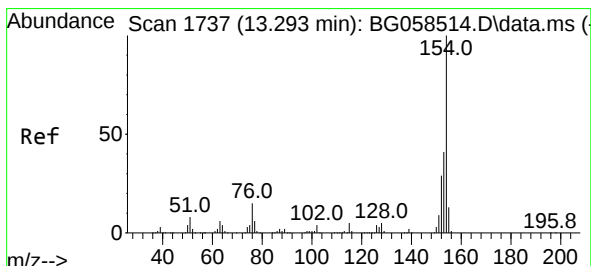
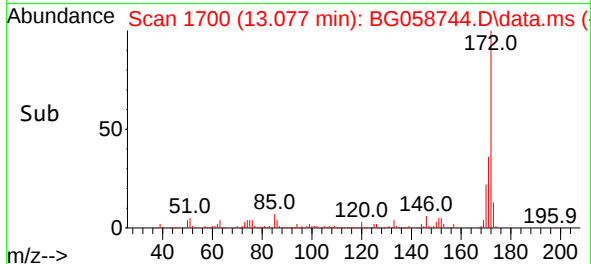
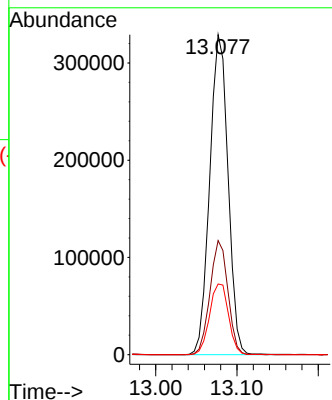
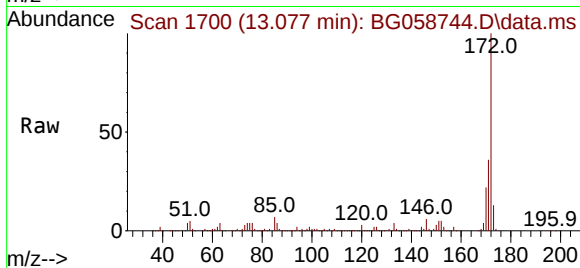




#45
2-Fluorobiphenyl
Concen: 77.704 ng
RT: 13.077 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

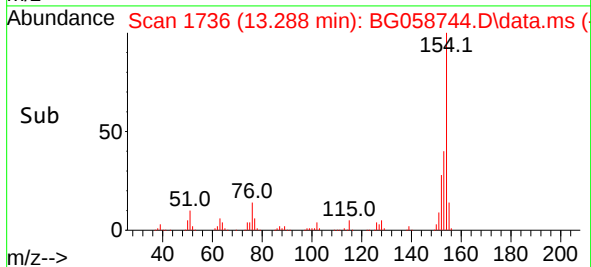
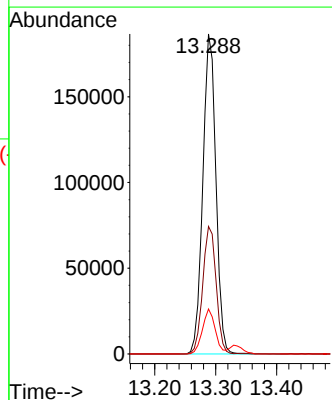
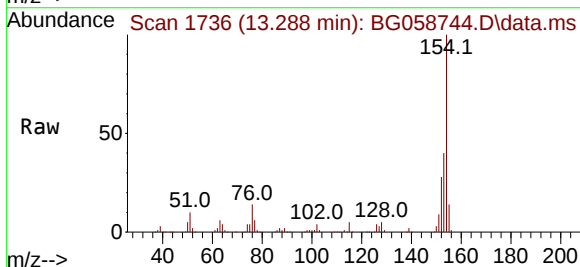
Instrument :
BNA_G
ClientSampleId :
PB154463BS

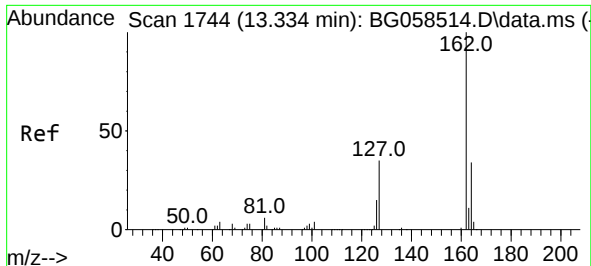
Tgt Ion:172 Resp: 514959
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 22.1 18.4 27.6



#46
1,1'-Biphenyl
Concen: 40.865 ng
RT: 13.288 min Scan# 1736
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:154 Resp: 278717
Ion Ratio Lower Upper
154 100
153 39.8 21.2 61.2
76 14.0 0.0 34.7

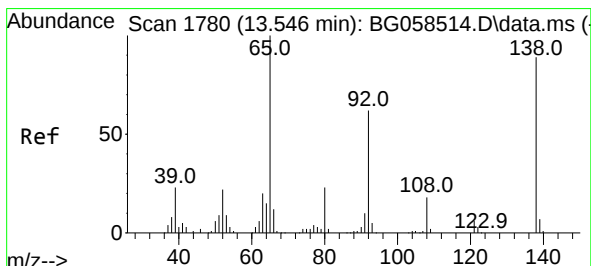
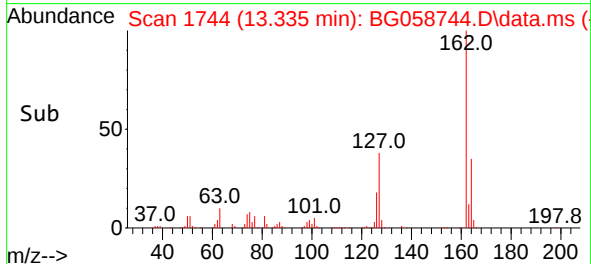
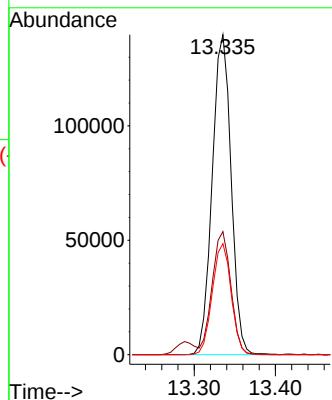
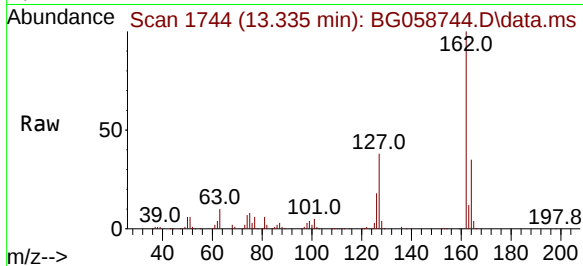




#47
2-Chloronaphthalene
Concen: 42.476 ng
RT: 13.335 min Scan# 1744
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

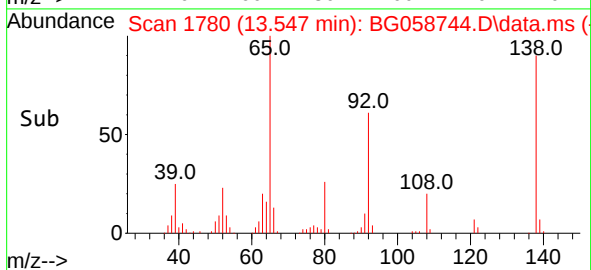
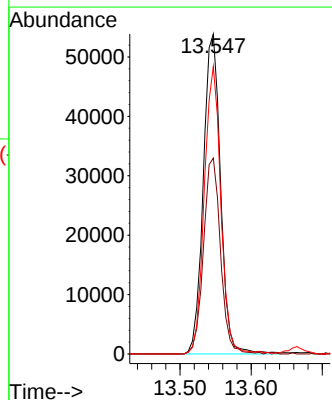
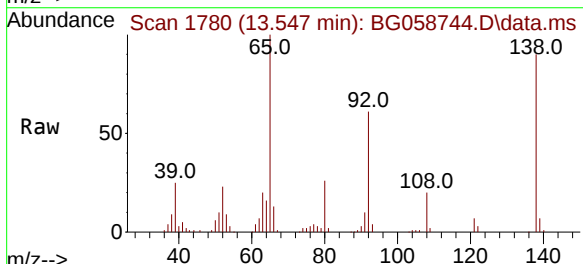
Instrument :
BNA_G
ClientSampleId :
PB154463BS

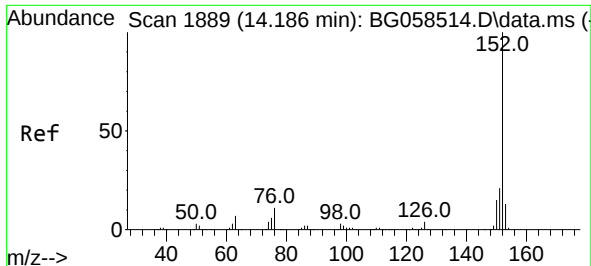
Tgt Ion:162 Resp: 225884
Ion Ratio Lower Upper
162 100
127 38.4 30.9 46.3
164 34.7 27.2 40.8



#48
2-Nitroaniline
Concen: 44.790 ng
RT: 13.547 min Scan# 1780
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion: 65 Resp: 90915
Ion Ratio Lower Upper
65 100
92 61.2 49.2 73.8
138 89.8 71.5 107.3

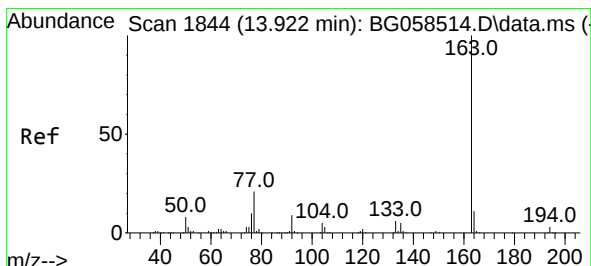
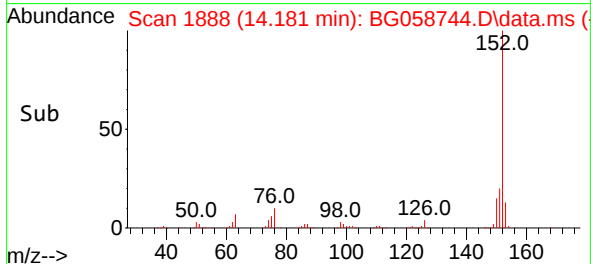
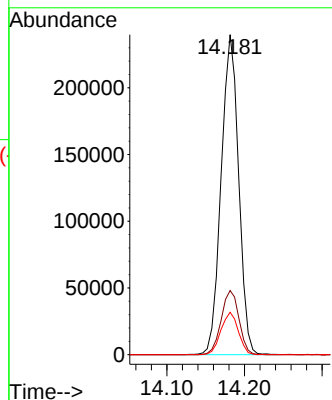
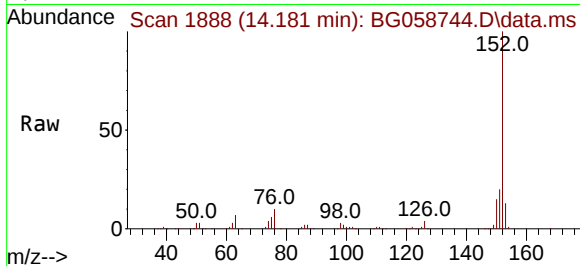




#49
Acenaphthylene
Concen: 42.244 ng
RT: 14.181 min Scan# 1888
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

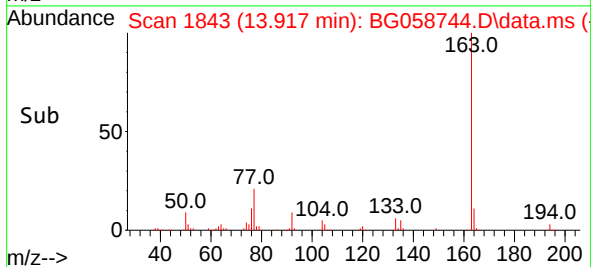
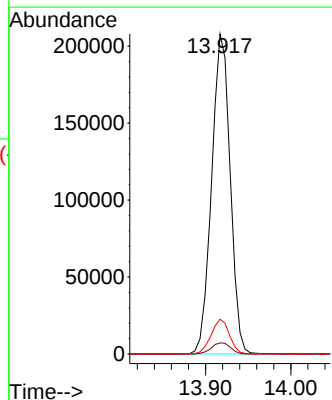
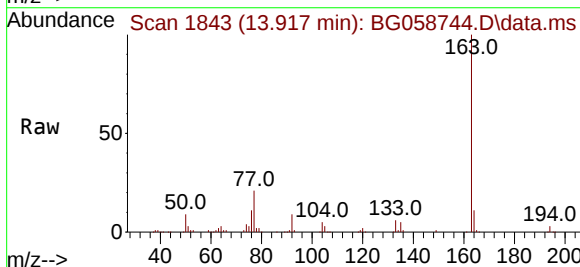
Instrument :
BNA_G
ClientSampleId :
PB154463BS

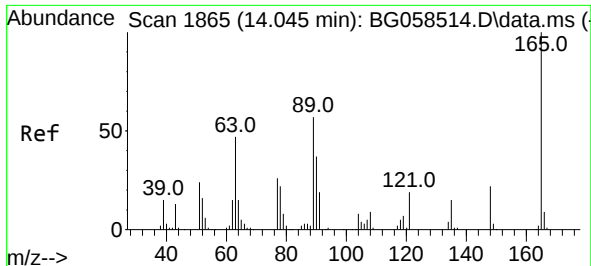
Tgt Ion:152 Resp: 376119
Ion Ratio Lower Upper
152 100
151 20.1 16.5 24.7
153 13.2 10.7 16.1



#50
Dimethylphthalate
Concen: 42.174 ng
RT: 13.917 min Scan# 1843
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:163 Resp: 314568
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.8 8.6 12.8

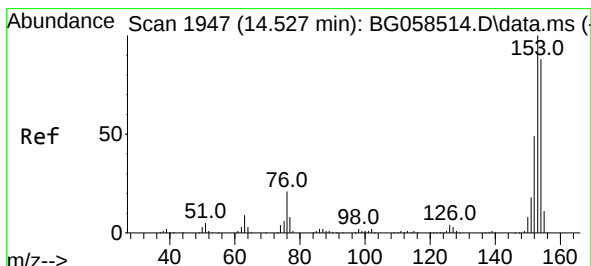
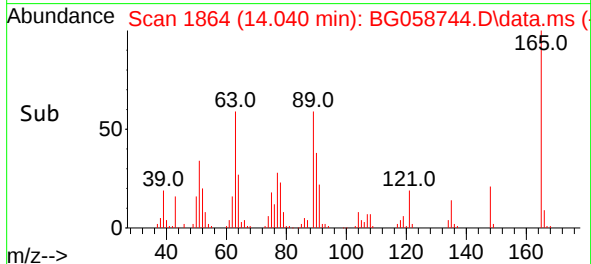
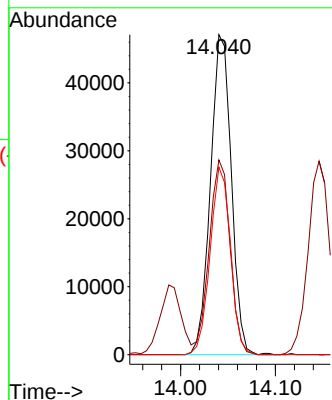
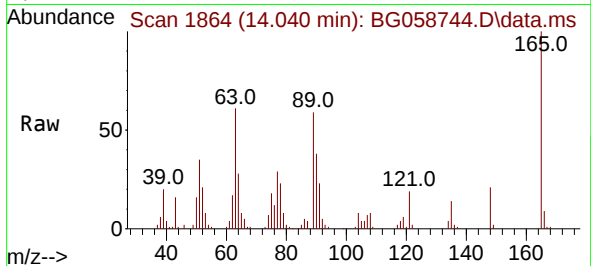




#51
2,6-Dinitrotoluene
Concen: 43.873 ng
RT: 14.040 min Scan# 1865
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

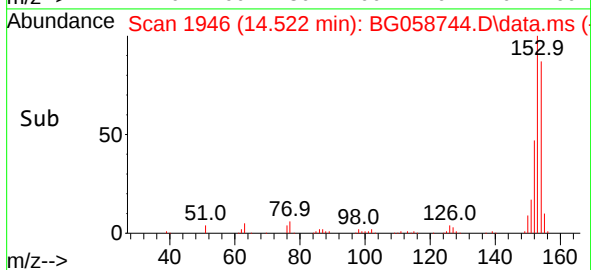
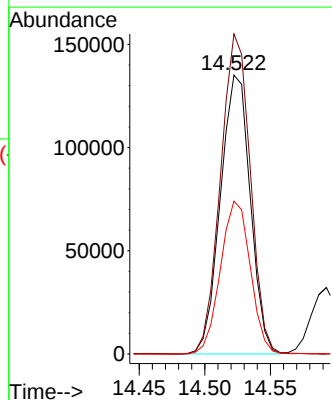
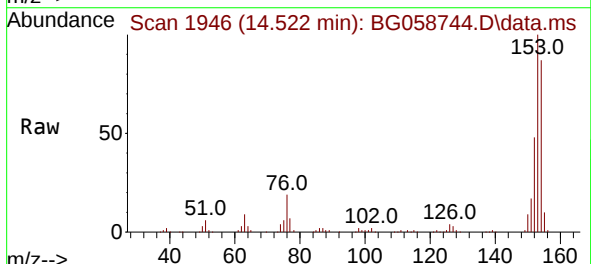
Instrument :
BNA_G
ClientSampleId :
PB154463BS

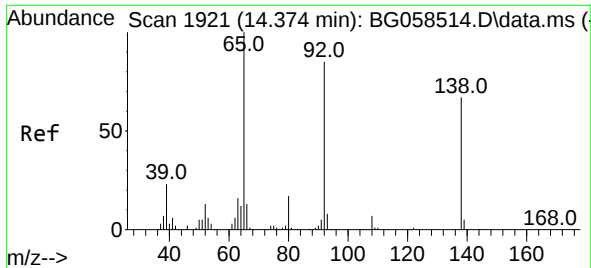
Tgt Ion:165 Resp: 71803
Ion Ratio Lower Upper
165 100
63 60.9 46.4 69.6
89 58.6 45.3 67.9



#52
Acenaphthene
Concen: 41.548 ng
RT: 14.522 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:154 Resp: 213750
Ion Ratio Lower Upper
154 100
153 114.7 91.1 136.7
152 54.8 44.6 66.8

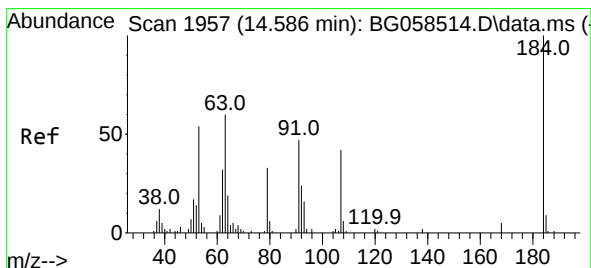
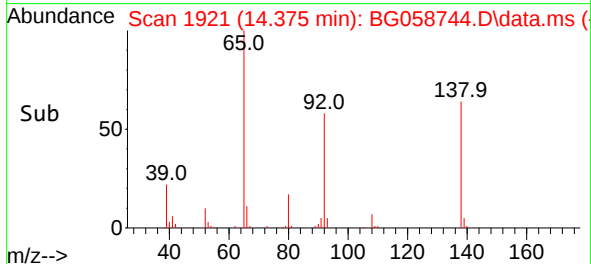
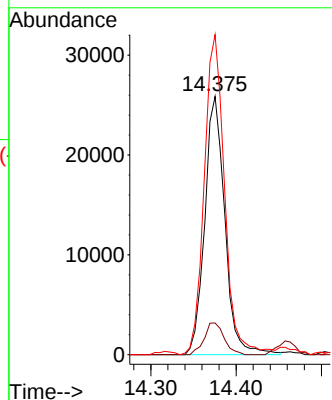
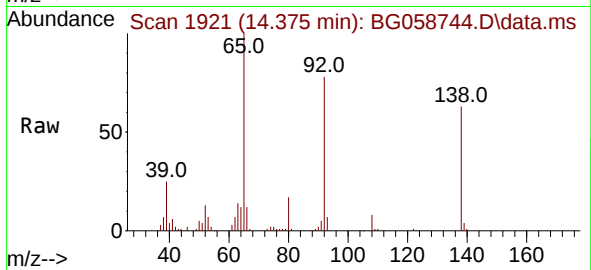




#53
3-Nitroaniline
Concen: 25.944 ng
RT: 14.375 min Scan# 1921
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

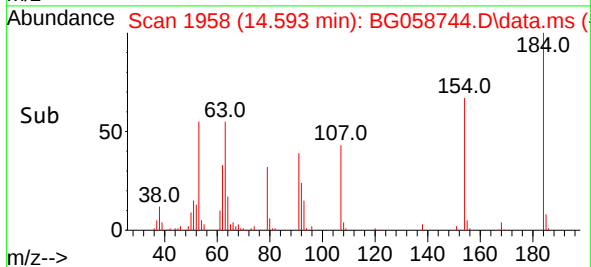
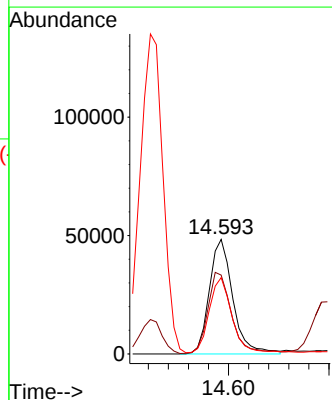
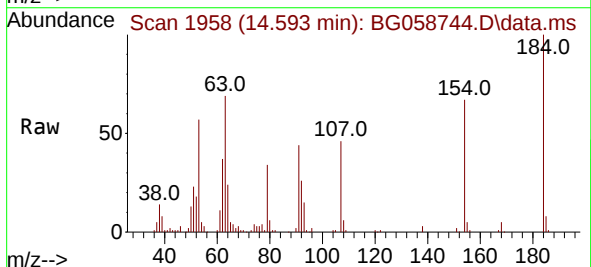
Instrument :
BNA_G
ClientSampleId :
PB154463BS

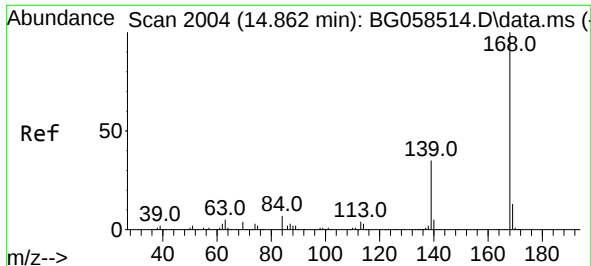
Tgt Ion:138 Resp: 42481
Ion Ratio Lower Upper
138 100
108 12.3 8.3 12.5
92 123.9 101.1 151.7



#54
2,4-Dinitrophenol
Concen: 84.836 ng
RT: 14.593 min Scan# 1958
Delta R.T. 0.007 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:184 Resp: 78729
Ion Ratio Lower Upper
184 100
63 68.9 56.7 85.1
154 66.6 46.1 69.1

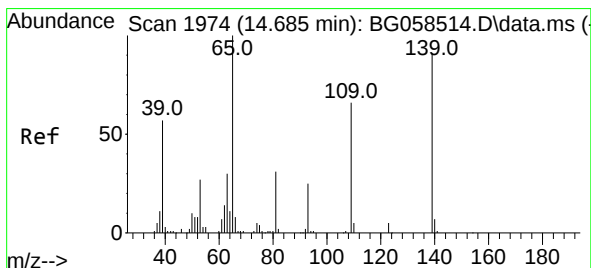
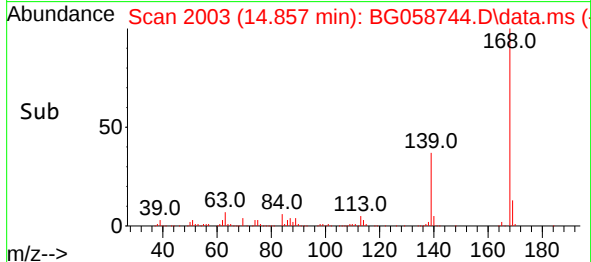
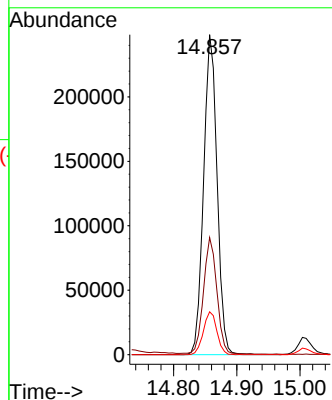
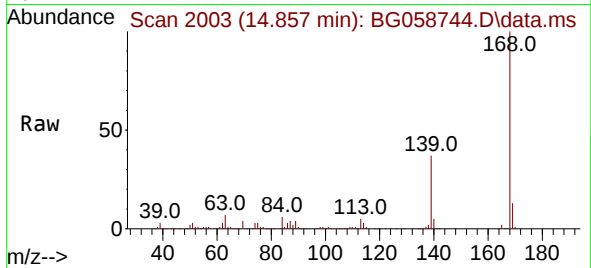




#55
Dibenzofuran
Concen: 41.646 ng
RT: 14.857 min Scan# 20
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

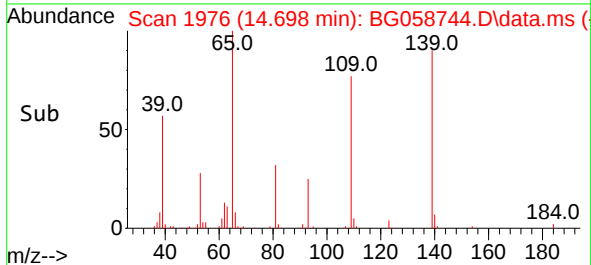
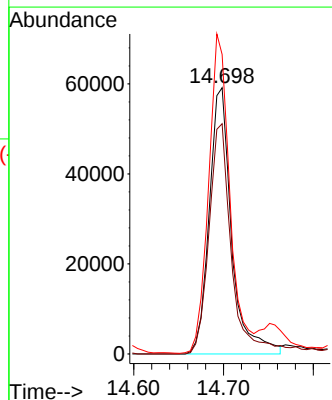
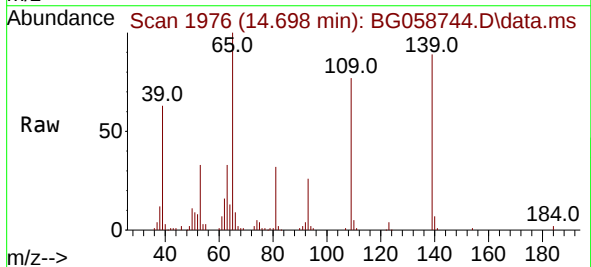
Instrument :
BNA_G
ClientSampleId :
PB154463BS

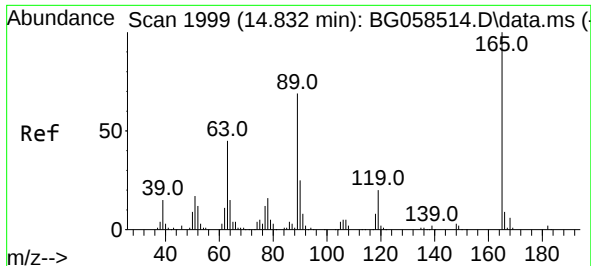
Tgt Ion:168 Resp: 368153
Ion Ratio Lower Upper
168 100
139 36.6 27.8 41.8
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 84.283 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.013 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:139 Resp: 102487
Ion Ratio Lower Upper
139 100
109 86.5 52.5 92.5
65 112.5 90.5 130.5

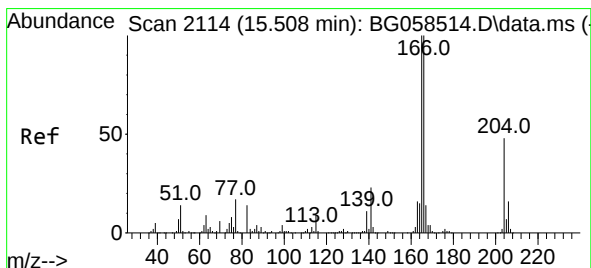
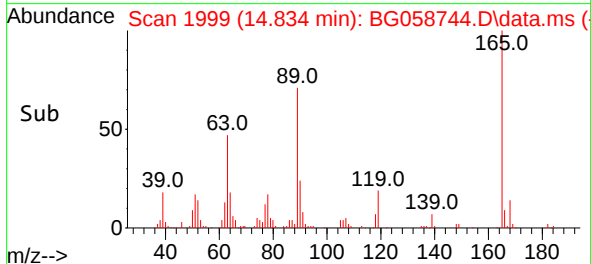
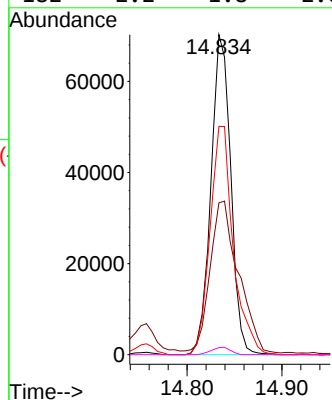
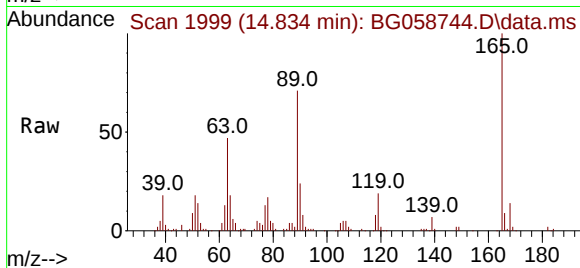




#57
2,4-Dinitrotoluene
Concen: 44.885 ng
RT: 14.834 min Scan# 1999
Delta R.T. 0.002 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

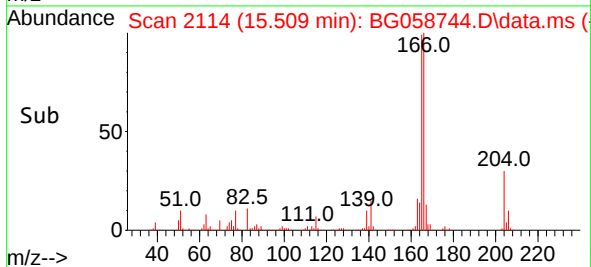
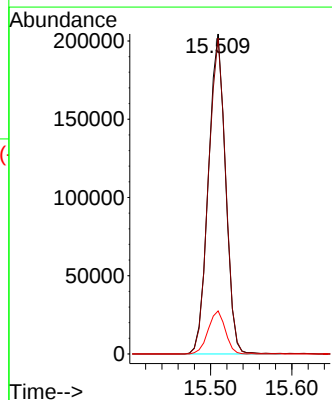
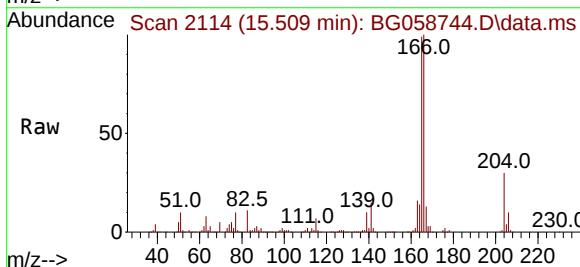
Instrument :
BNA_G
ClientSampleId :
PB154463BS

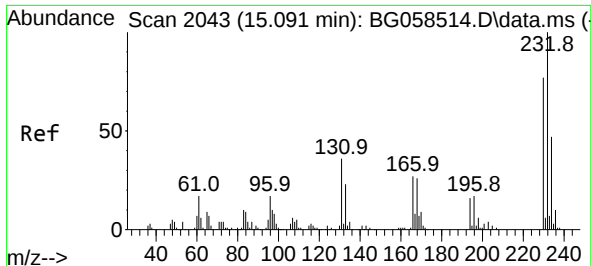
Tgt Ion:	165	Resp:	101840
Ion Ratio	Lower	Upper	
165	100		
63	47.5	36.6	54.8
89	71.4	55.4	83.0
182	2.2	1.8	2.6



#58
Fluorene
Concen: 42.503 ng
RT: 15.509 min Scan# 2114
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:	166	Resp:	298484
Ion Ratio	Lower	Upper	
166	100		
165	98.7	80.0	120.0
167	13.4	11.3	16.9

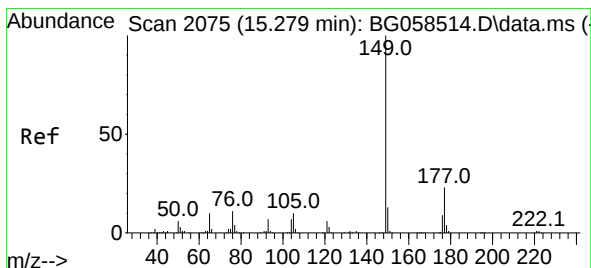
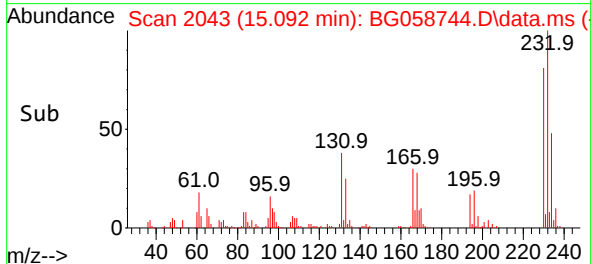
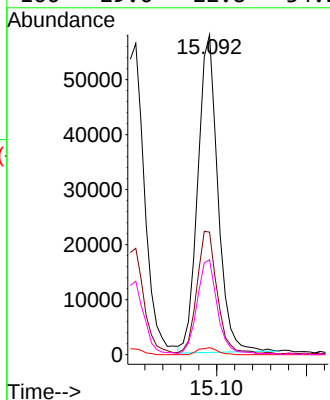
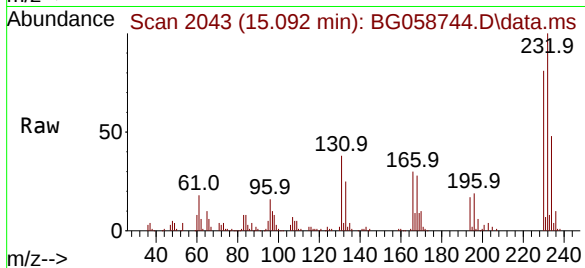




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.560 ng
RT: 15.092 min Scan# 2043
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

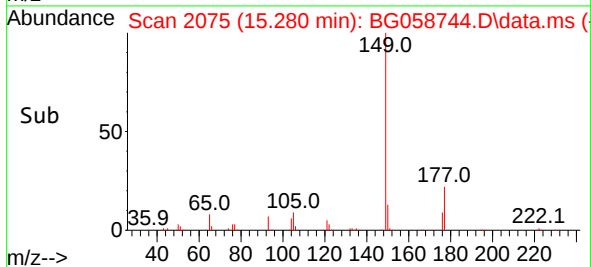
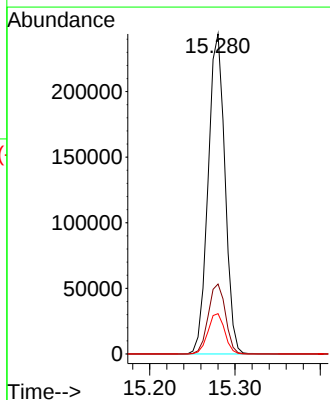
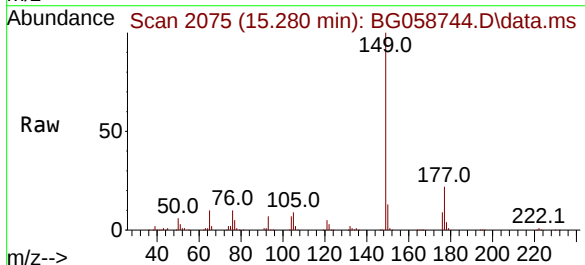
Instrument :
BNA_G
ClientSampleId :
PB154463BS

Tgt Ion:232	Resp:	89710
Ion Ratio	Lower	Upper
232	100	
131	38.7	30.0 45.0
130	2.2	1.5 2.3
166	29.6	22.8 34.2



#60
Diethylphthalate
Concen: 43.988 ng
RT: 15.280 min Scan# 2075
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:149	Resp:	334251
Ion Ratio	Lower	Upper
149	100	
177	21.9	18.2 27.4
150	12.6	10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.977 ng
RT: 15.497 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

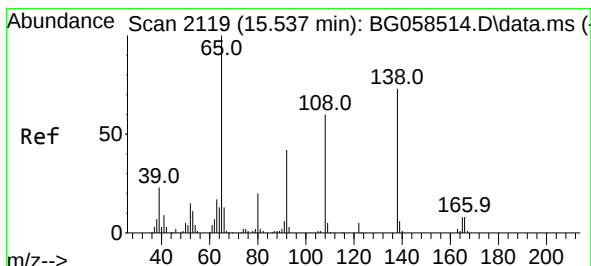
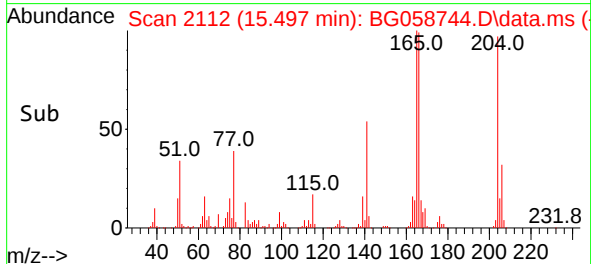
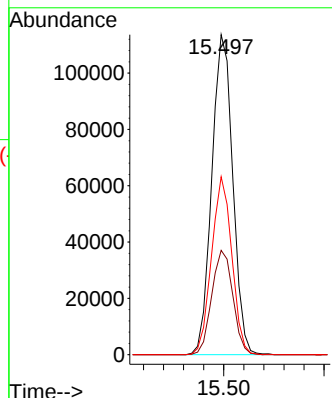
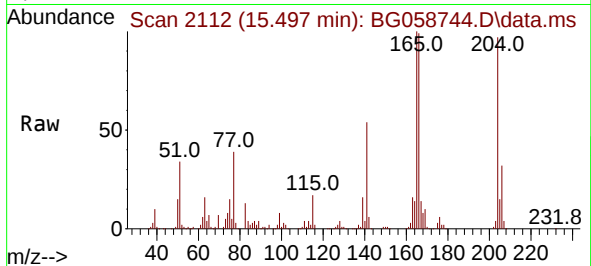
Instrument :

BNA_G

ClientSampleId :

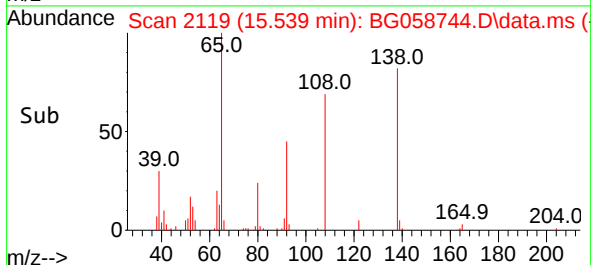
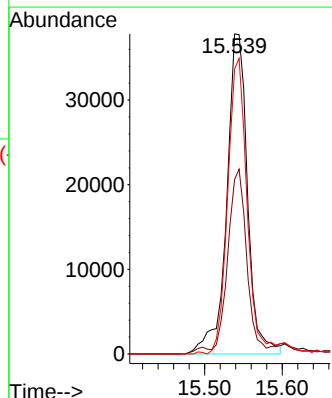
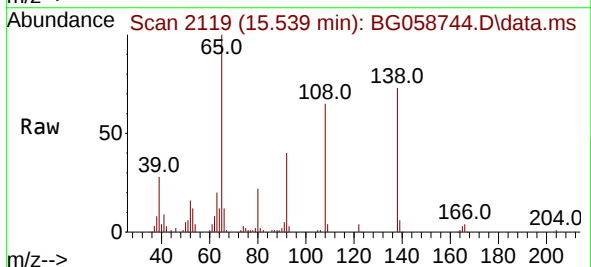
PB154463BS

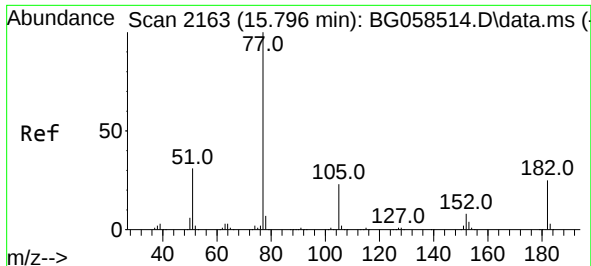
Tgt Ion:204 Resp: 164347
Ion Ratio Lower Upper
204 100
206 32.6 27.0 40.4
141 55.6 40.8 61.2



#62
4-Nitroaniline
Concen: 45.604 ng
RT: 15.539 min Scan# 2119
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:138 Resp: 70737
Ion Ratio Lower Upper
138 100
92 54.5 37.3 77.3
108 89.0 62.6 102.6

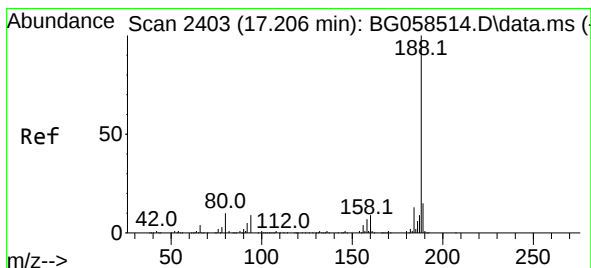
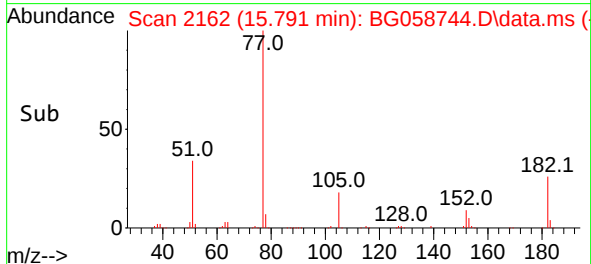
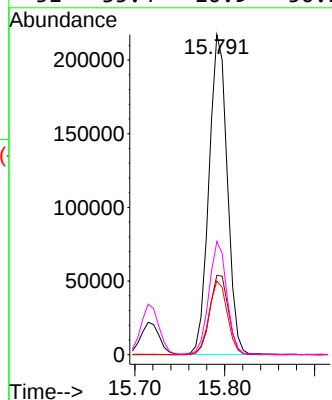
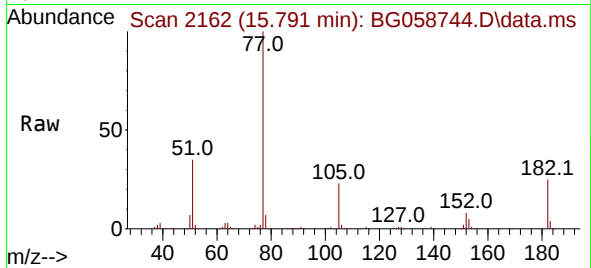




#63
Azobenzene
Concen: 40.945 ng
RT: 15.791 min Scan# 2163
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

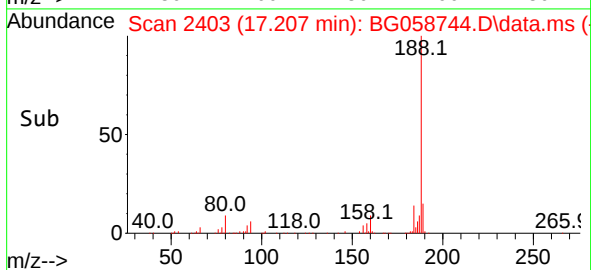
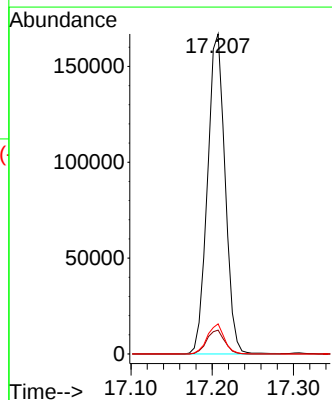
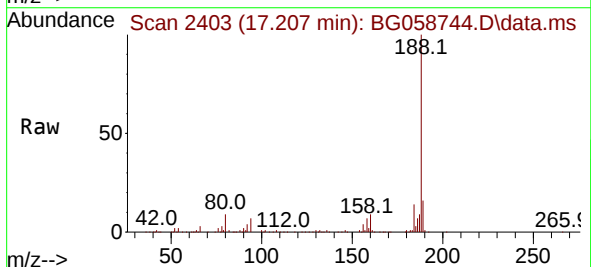
Instrument :
BNA_G
ClientSampleId :
PB154463BS

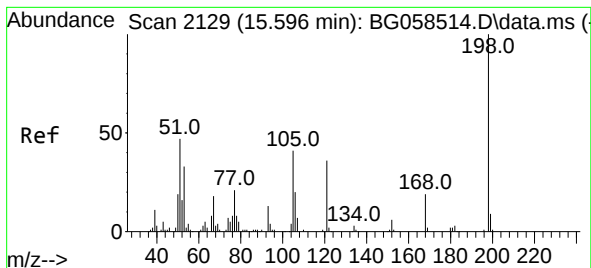
Tgt Ion: 77 Resp: 306453
Ion Ratio Lower Upper
77 100
182 24.8 4.6 44.6
105 23.0 3.3 43.3
51 35.4 10.9 50.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:188 Resp: 250766
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 9.4 8.1 12.1

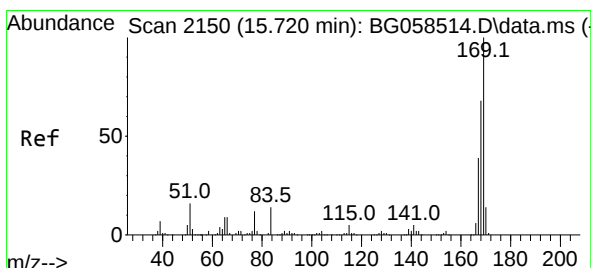
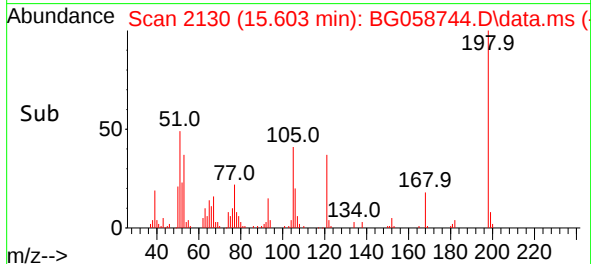
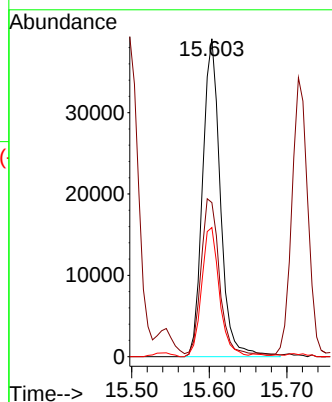
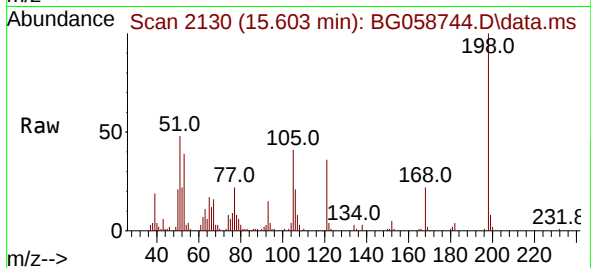




#65
4,6-Dinitro-2-methylphenol
Concen: 44.954 ng
RT: 15.603 min Scan# 2119
Delta R.T. 0.007 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

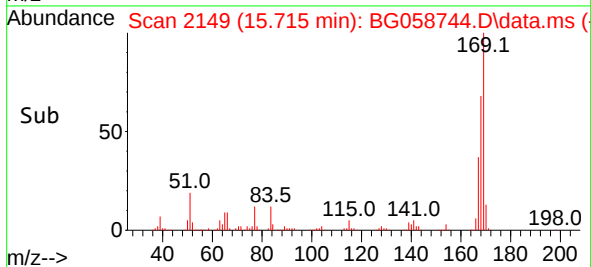
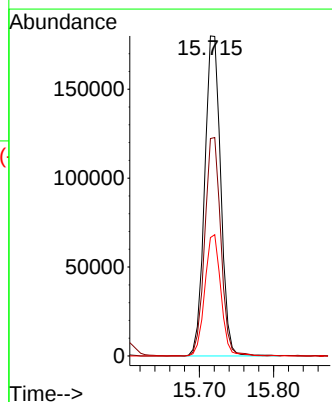
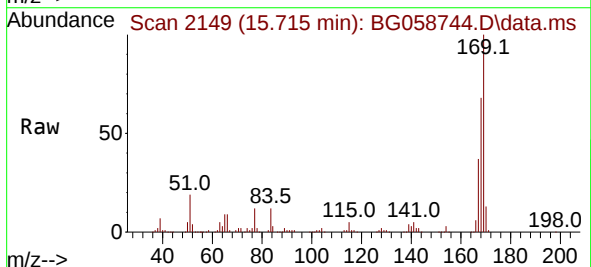
Instrument :
BNA_G
ClientSampleId :
PB154463BS

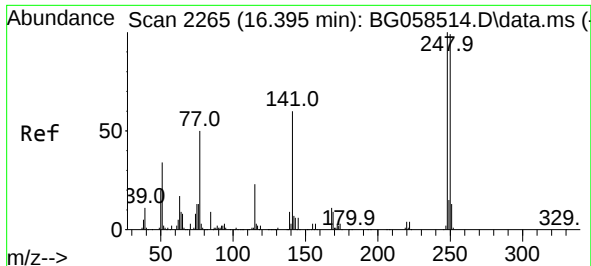
Tgt Ion:198 Resp: 62158
Ion Ratio Lower Upper
198 100
51 48.5 29.3 69.3
105 40.6 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 41.480 ng
RT: 15.715 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:169 Resp: 270726
Ion Ratio Lower Upper
169 100
168 68.0 54.6 82.0
167 37.0 31.3 46.9





#67
4-Bromophenyl-phenylether
Concen: 40.256 ng
RT: 16.391 min Scan# 211
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

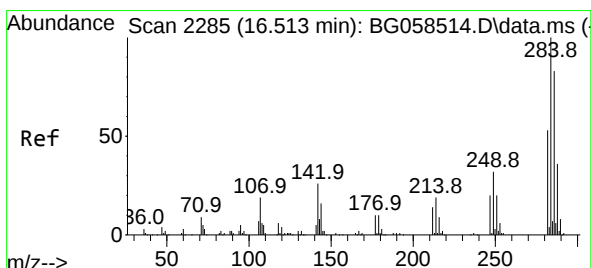
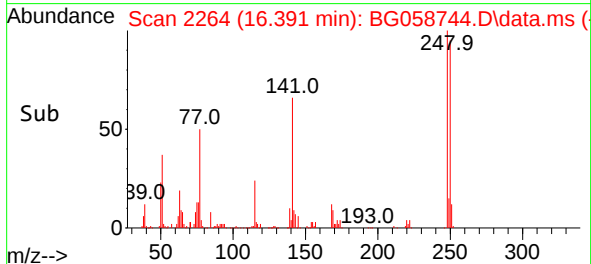
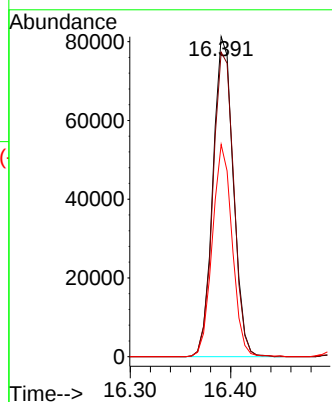
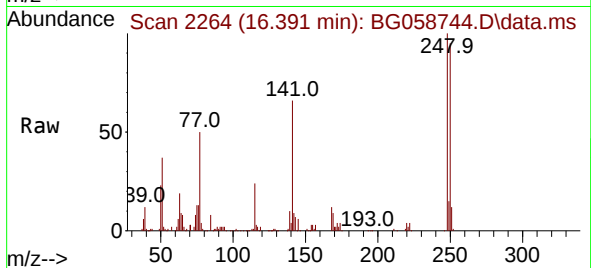
Instrument :

BNA_G

ClientSampleId :

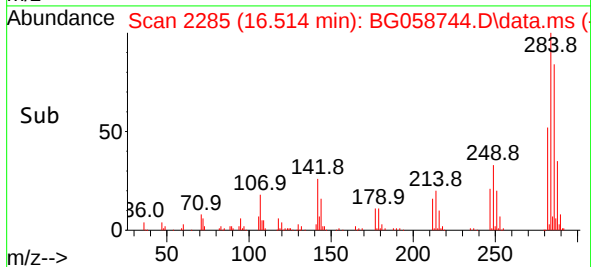
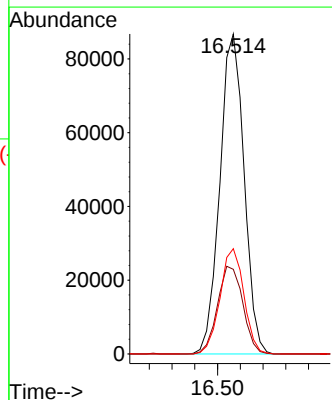
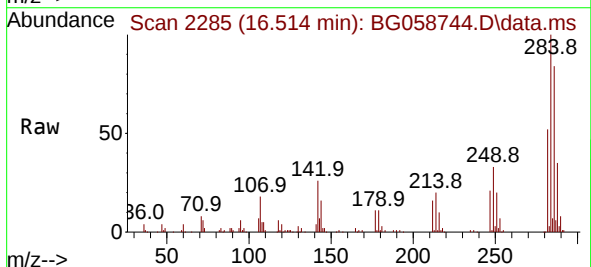
PB154463BS

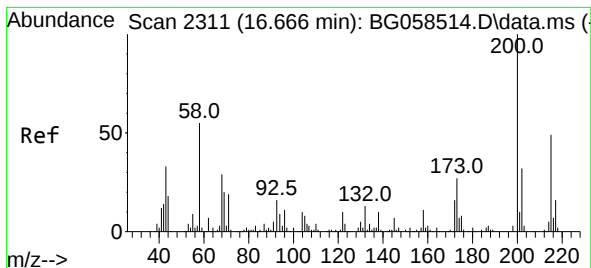
Tgt Ion:248 Resp: 114497
Ion Ratio Lower Upper
248 100
250 95.2 79.5 119.3
141 66.3 48.2 72.2



#68
Hexachlorobenzene
Concen: 42.635 ng
RT: 16.514 min Scan# 2285
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:284 Resp: 128496
Ion Ratio Lower Upper
284 100
142 26.5 21.0 31.4
249 32.9 25.5 38.3





#69

Atrazine

Concen: 51.872 ng

RT: 16.667 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

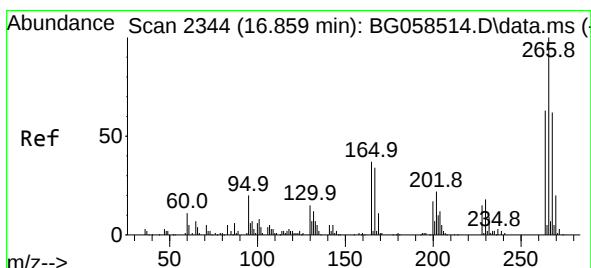
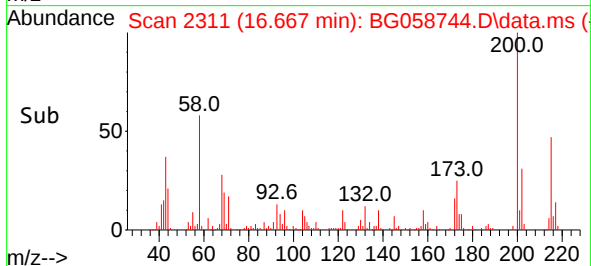
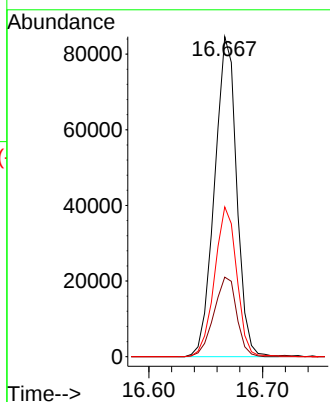
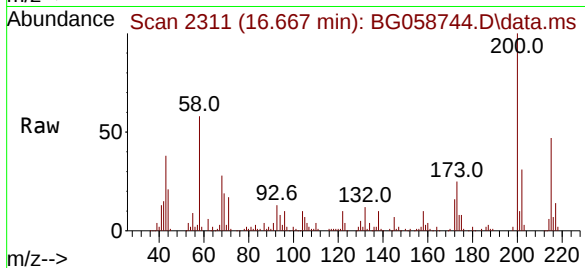
Tgt Ion:200 Resp: 114288

Ion Ratio Lower Upper

200 100

173 24.9 6.5 46.5

215 46.8 28.9 68.9



#70

Pentachlorophenol

Concen: 67.638 ng

RT: 16.861 min Scan# 2344

Delta R.T. 0.002 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

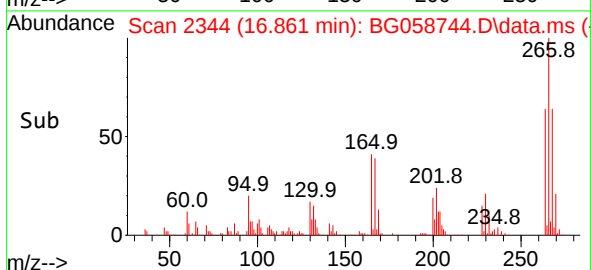
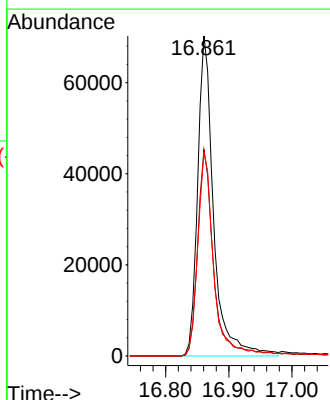
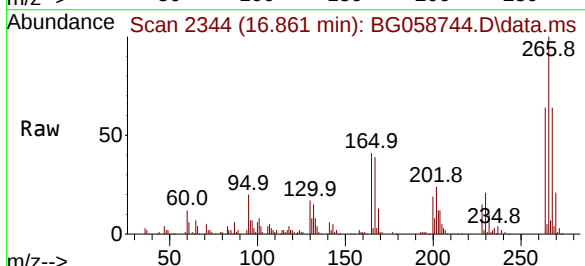
Tgt Ion:266 Resp: 123388

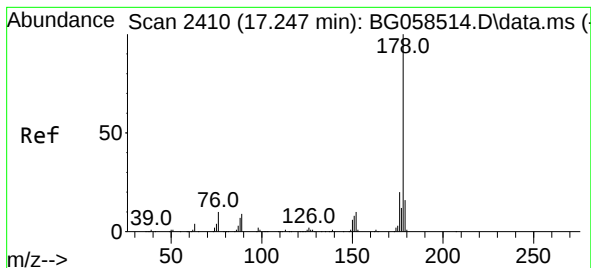
Ion Ratio Lower Upper

266 100

268 64.5 49.9 74.9

264 63.7 50.2 75.4





#71

Phenanthrene

Concen: 42.459 ng

RT: 17.248 min Scan# 2410

Delta R.T. 0.001 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

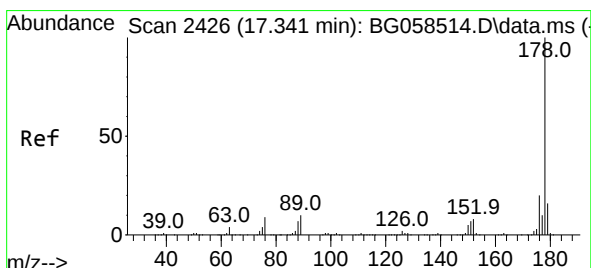
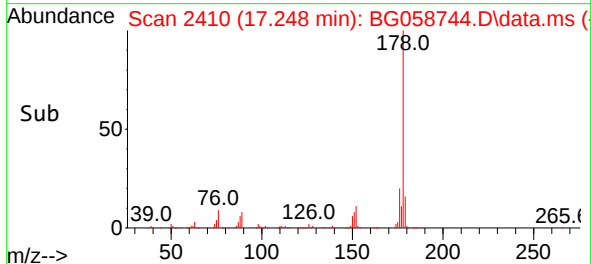
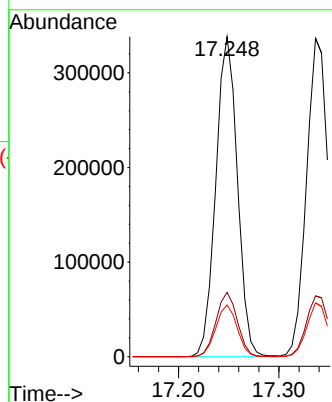
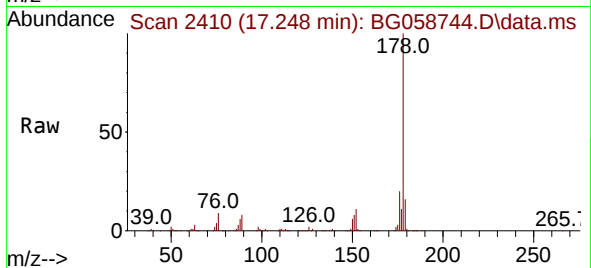
Tgt Ion:178 Resp: 504941

Ion Ratio Lower Upper

178 100

176 20.1 16.3 24.5

179 16.1 13.1 19.7



#72

Anthracene

Concen: 41.592 ng

RT: 17.336 min Scan# 2425

Delta R.T. -0.005 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

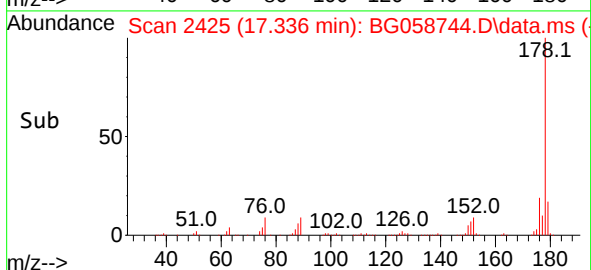
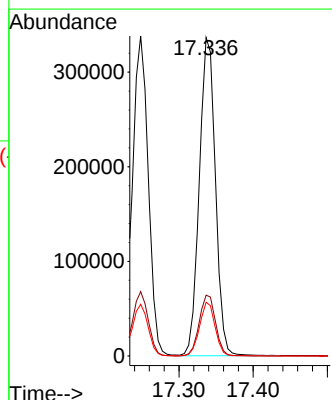
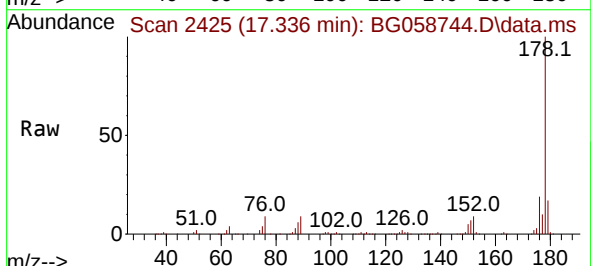
Tgt Ion:178 Resp: 507530

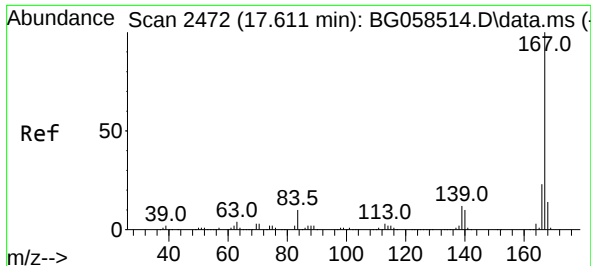
Ion Ratio Lower Upper

178 100

176 19.1 16.0 24.0

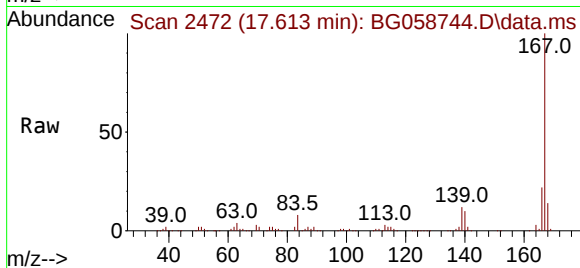
179 16.9 12.9 19.3



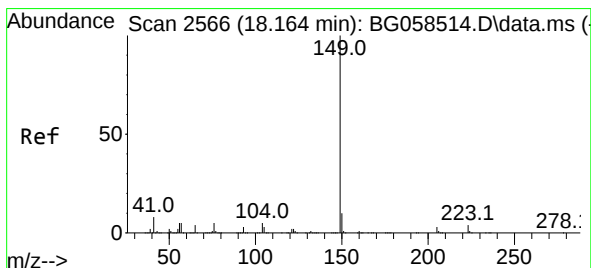
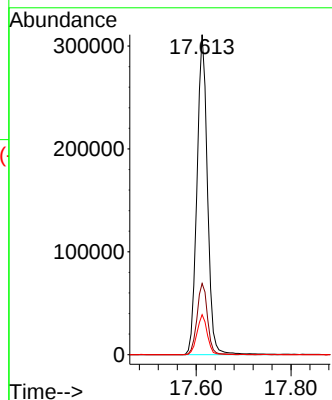
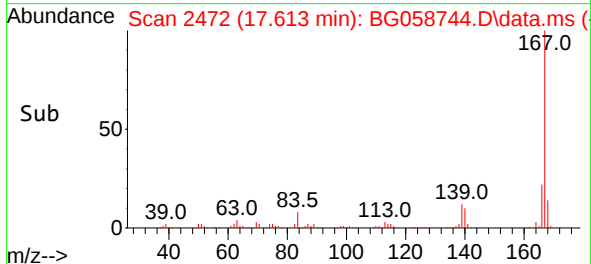


#73
 Carbazole
 Concen: 44.300 ng
 RT: 17.613 min Scan# 2472
 Delta R.T. 0.001 min
 Lab File: BG058744.D
 Acq: 16 Aug 2023 12:01

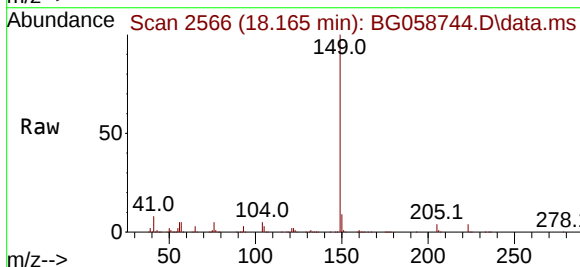
Instrument :
 BNA_G
 ClientSampleId :
 PB154463BS



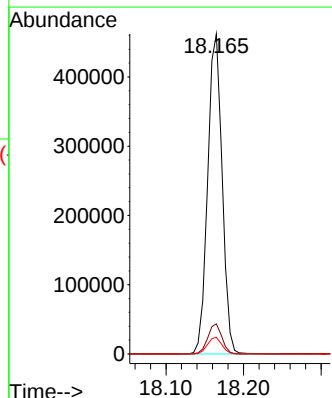
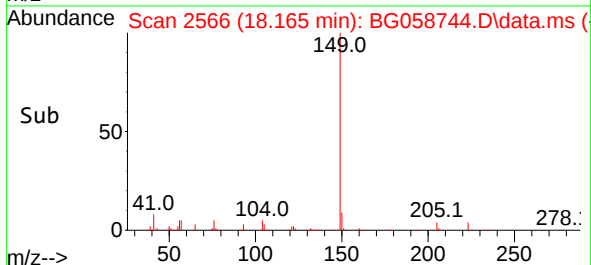
Tgt Ion:167 Resp: 476691
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.4 27.6
 139 12.5 10.0 15.0

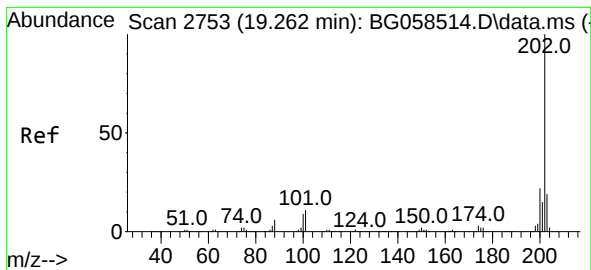


#74
 Di-n-butylphthalate
 Concen: 44.246 ng
 RT: 18.165 min Scan# 2566
 Delta R.T. 0.001 min
 Lab File: BG058744.D
 Acq: 16 Aug 2023 12:01



Tgt Ion:149 Resp: 596349
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 5.2 4.0 6.0





#75

Fluoranthene

Concen: 43.590 ng

RT: 19.264 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

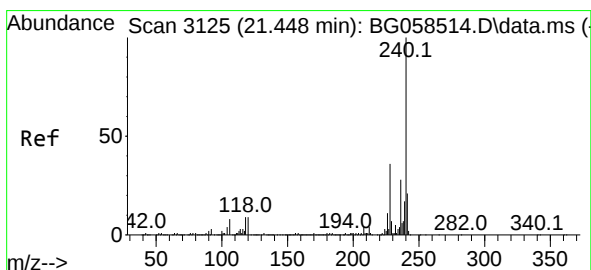
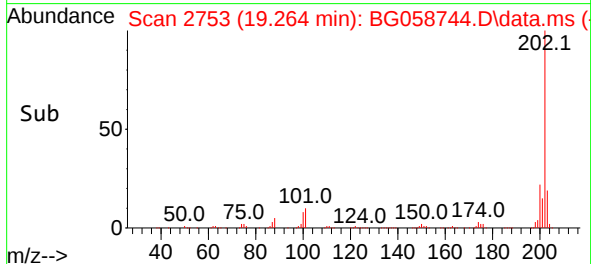
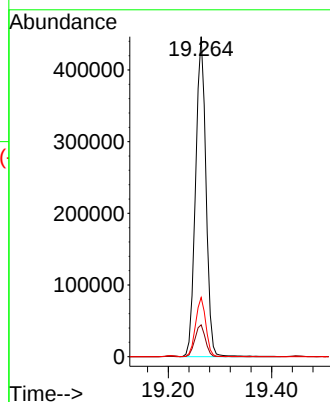
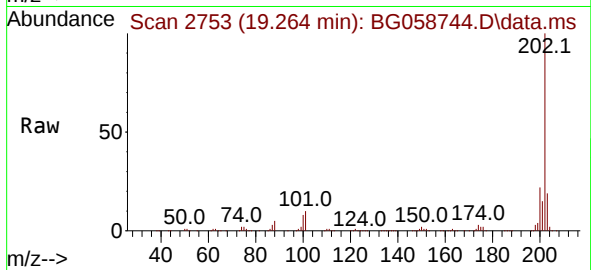
Tgt Ion:202 Resp: 622699

Ion Ratio Lower Upper

202 100

101 9.9 0.0 31.4

203 18.5 0.0 39.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.449 min Scan# 3125

Delta R.T. 0.001 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

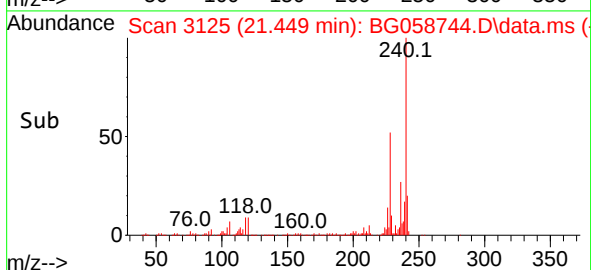
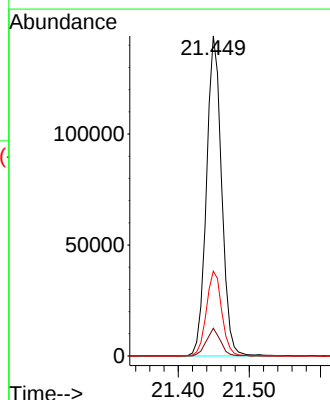
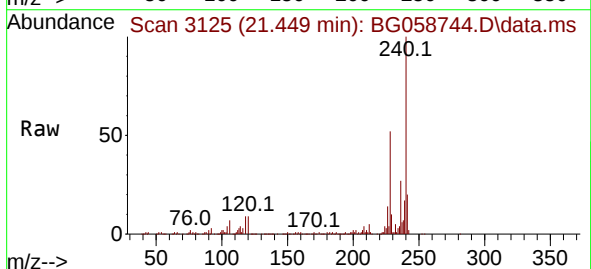
Tgt Ion:240 Resp: 213823

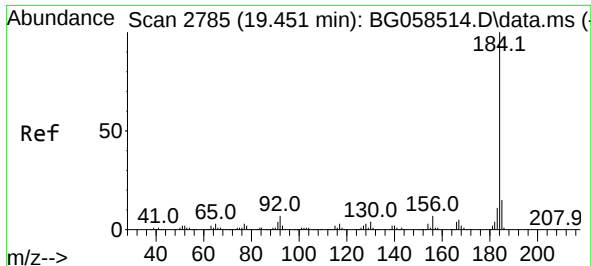
Ion Ratio Lower Upper

240 100

120 8.6 7.4 11.0

236 26.5 22.2 33.4

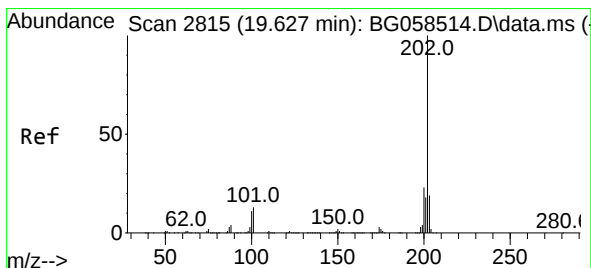
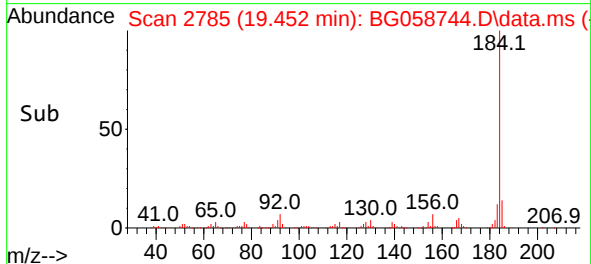
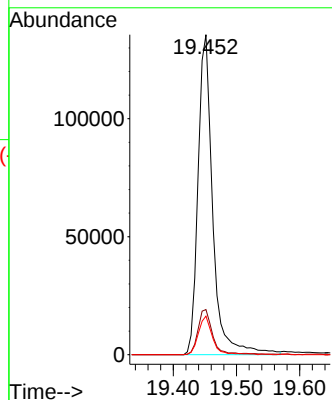
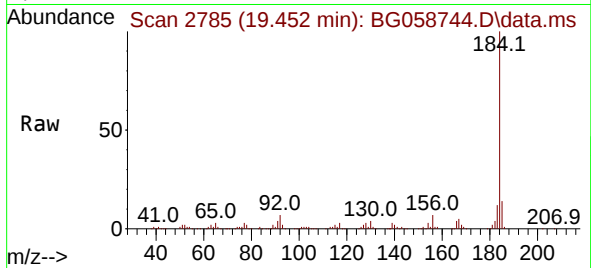




#77
Benzidine
Concen: 67.625 ng
RT: 19.452 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

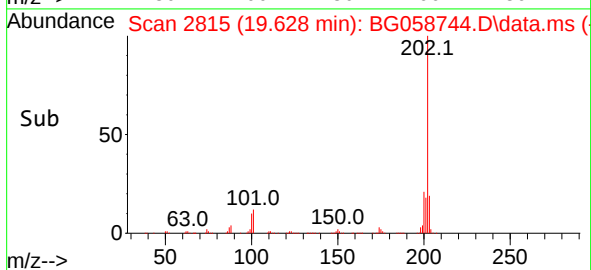
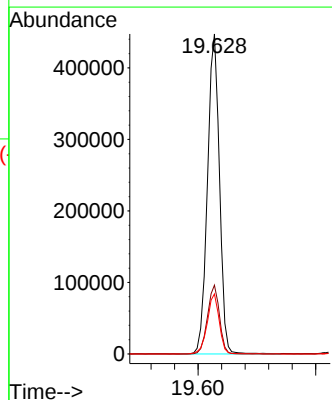
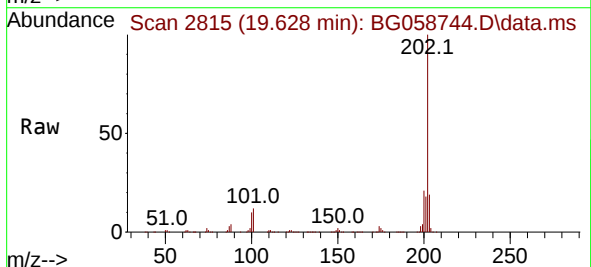
Instrument :
BNA_G
ClientSampleId :
PB154463BS

Tgt Ion:184 Resp: 219270
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 12.1 8.7 13.1



#78
Pyrene
Concen: 43.533 ng
RT: 19.628 min Scan# 2815
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:202 Resp: 633490
Ion Ratio Lower Upper
202 100
200 21.5 18.2 27.2
203 18.8 15.1 22.7

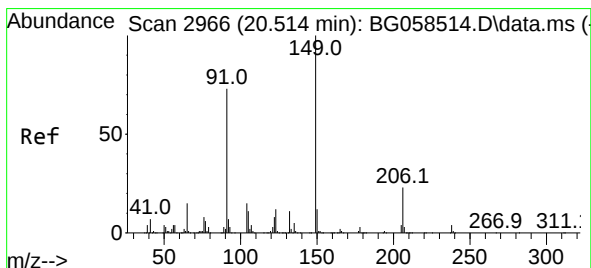
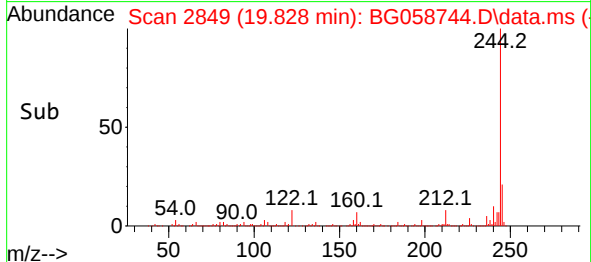
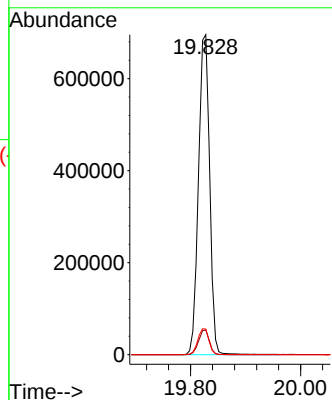
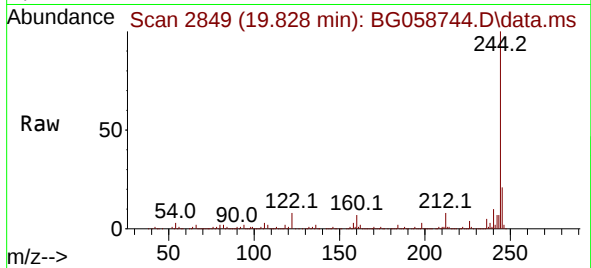




#79
 Terphenyl-d14
 Concen: 86.419 ng
 RT: 19.828 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058744.D
 Acq: 16 Aug 2023 12:01

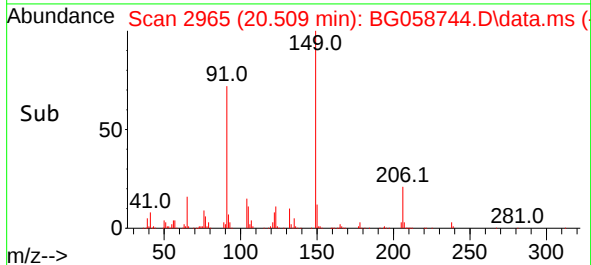
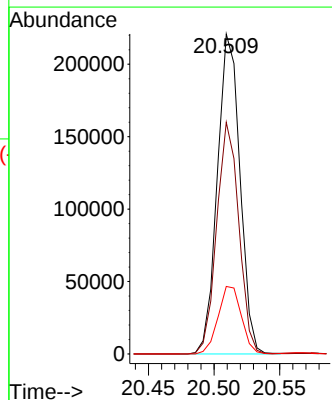
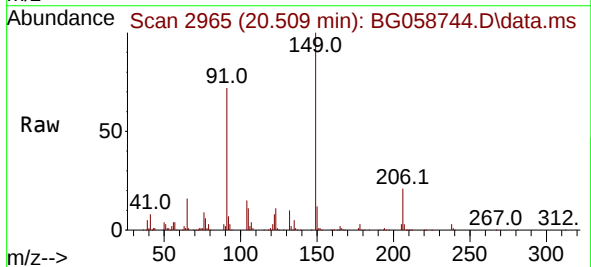
Instrument :
 BNA_G
 ClientSampleId :
 PB154463BS

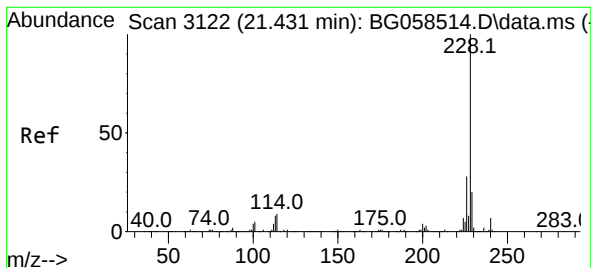
Tgt Ion:244 Resp: 982615
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 8.0 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 44.255 ng
 RT: 20.509 min Scan# 2965
 Delta R.T. -0.005 min
 Lab File: BG058744.D
 Acq: 16 Aug 2023 12:01

Tgt Ion:149 Resp: 264523
 Ion Ratio Lower Upper
 149 100
 91 72.4 58.4 87.6
 206 21.1 18.3 27.5





#81

Benzo(a)anthracene

Concen: 43.706 ng

RT: 21.432 min Scan# 3122

Delta R.T. 0.001 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

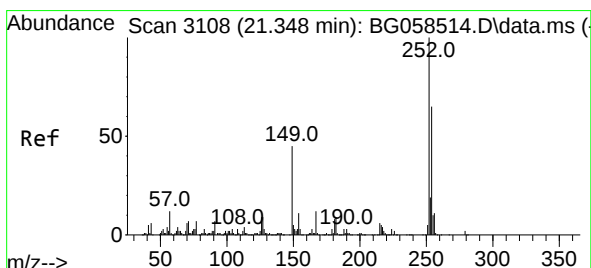
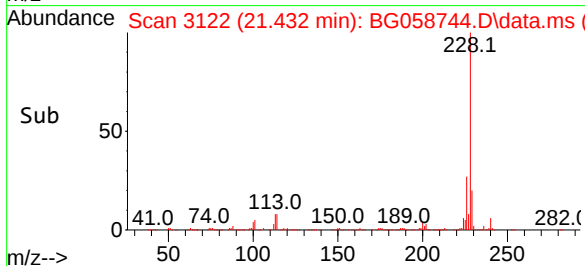
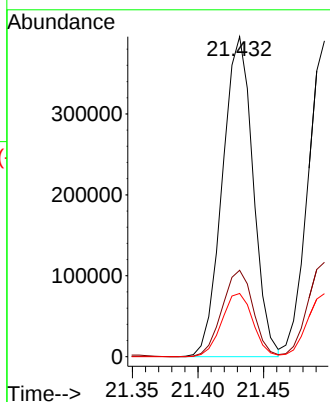
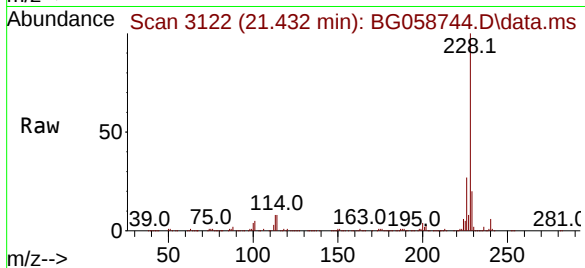
Tgt Ion:228 Resp: 643142

Ion Ratio Lower Upper

228 100

226 27.0 22.6 33.8

229 19.8 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 34.823 ng

RT: 21.349 min Scan# 3108

Delta R.T. 0.001 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

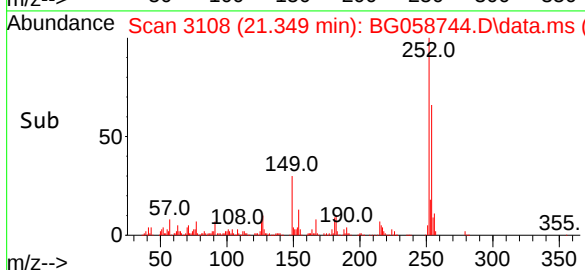
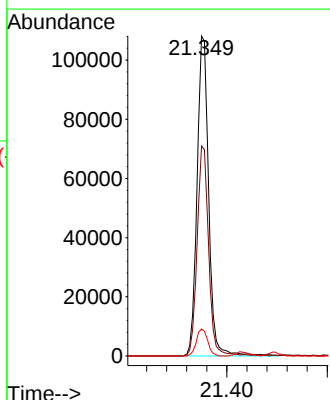
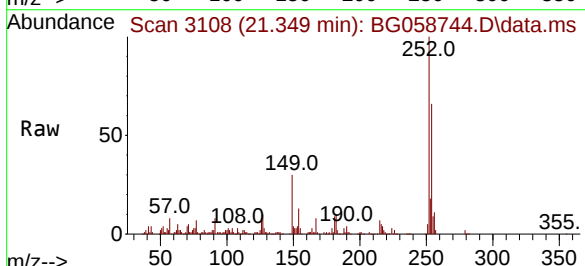
Tgt Ion:252 Resp: 173253

Ion Ratio Lower Upper

252 100

254 65.6 52.2 78.4

126 8.4 7.2 10.8





#83

Chrysene

Concen: 42.192 ng

RT: 21.496 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

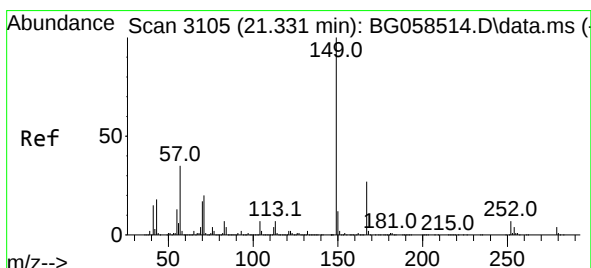
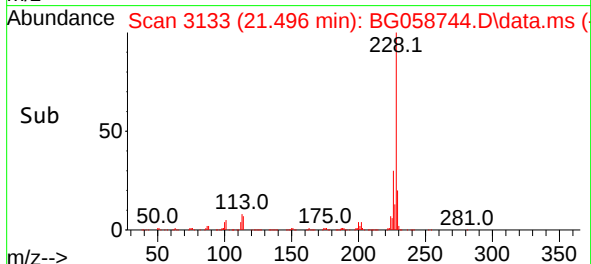
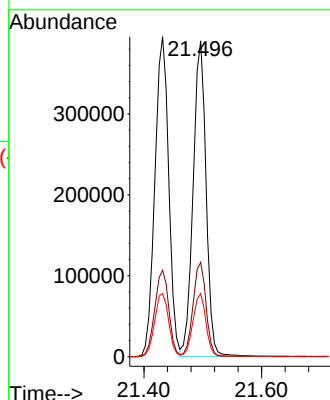
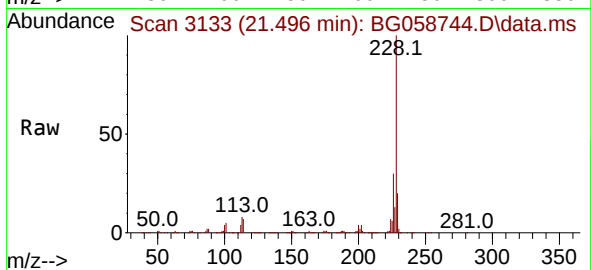
Tgt Ion:228 Resp: 595274

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.6

229 20.0 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.579 ng

RT: 21.332 min Scan# 3105

Delta R.T. 0.001 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

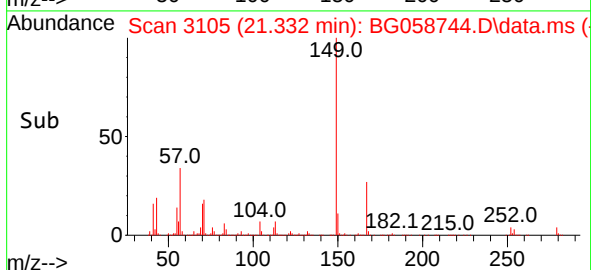
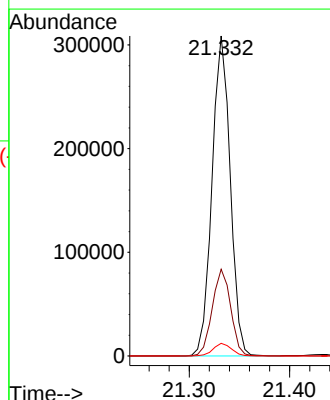
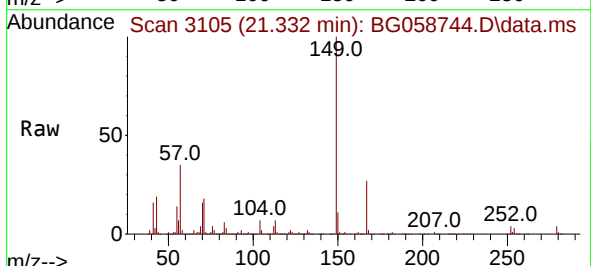
Tgt Ion:149 Resp: 389393

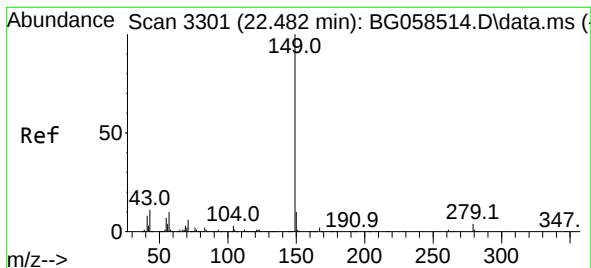
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.8

279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 44.647 ng

RT: 22.483 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

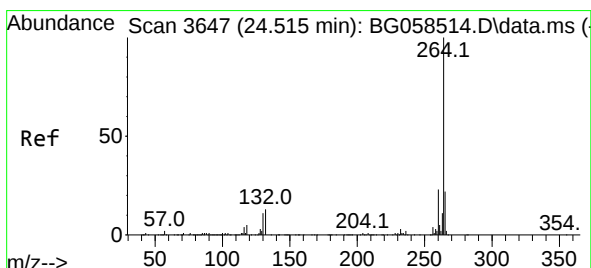
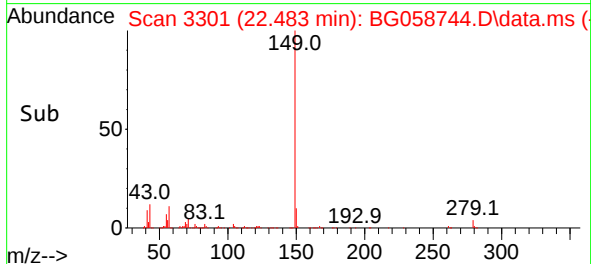
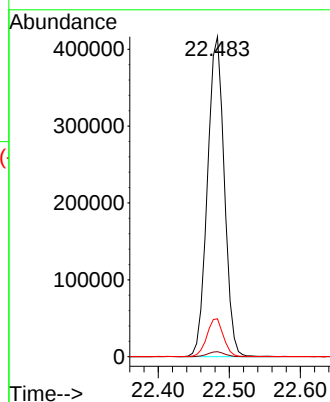
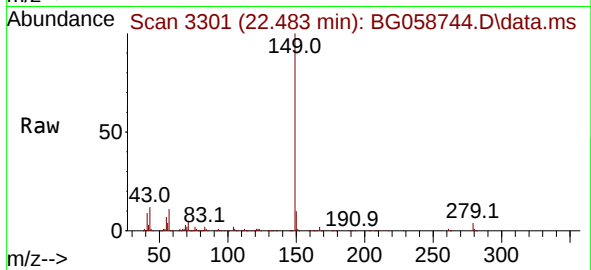
Tgt Ion:149 Resp: 685642

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.6 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.522 min Scan# 3648

Delta R.T. 0.007 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

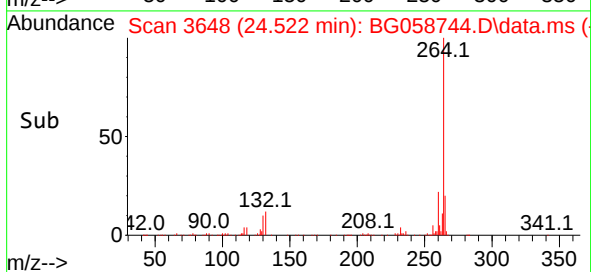
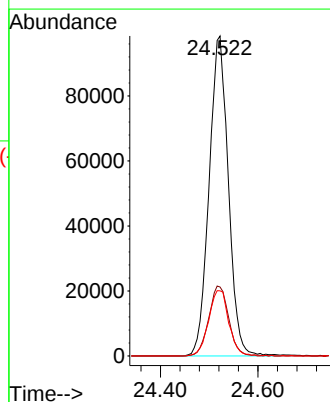
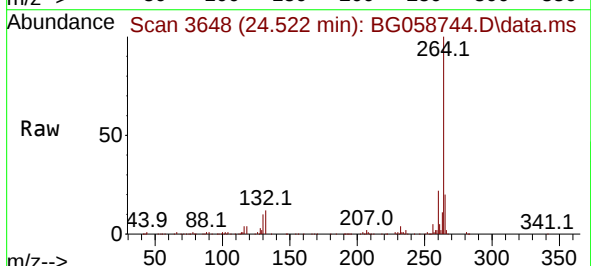
Tgt Ion:264 Resp: 269357

Ion Ratio Lower Upper

264 100

260 21.6 18.4 27.6

265 20.4 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.634 ng

RT: 28.024 min Scan# 41

Delta R.T. 0.013 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

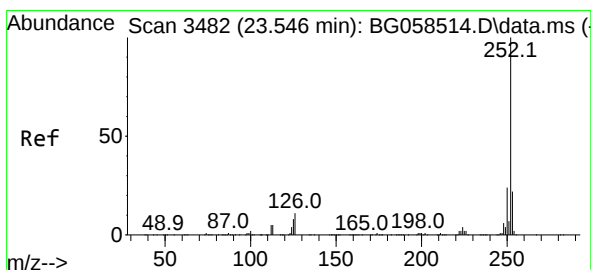
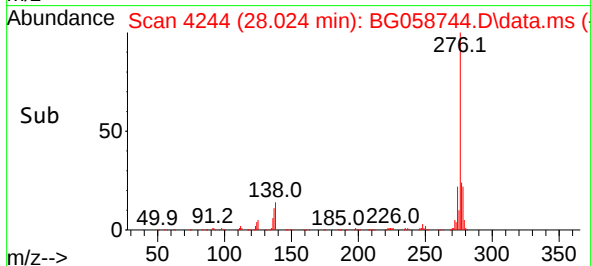
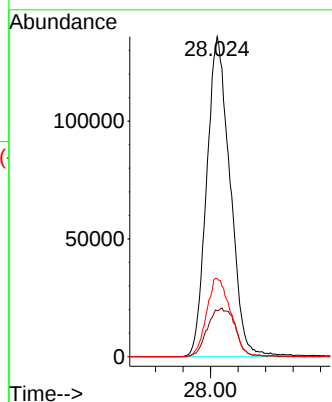
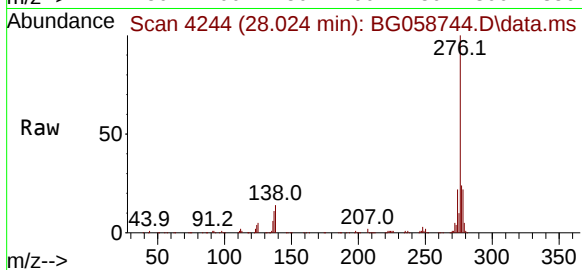
Tgt Ion:276 Resp: 799816

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 47.230 ng

RT: 23.547 min Scan# 3482

Delta R.T. 0.001 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

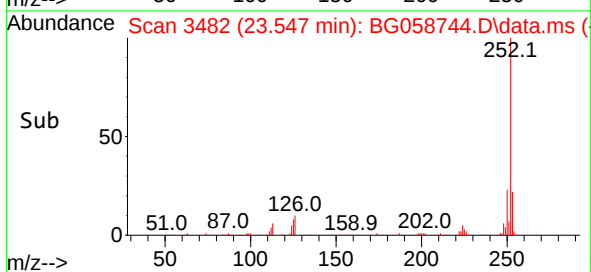
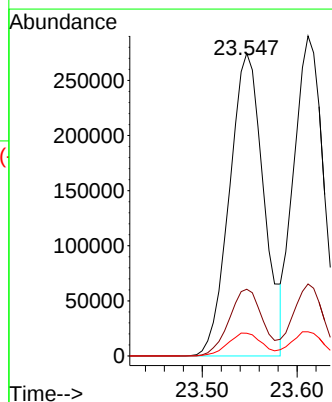
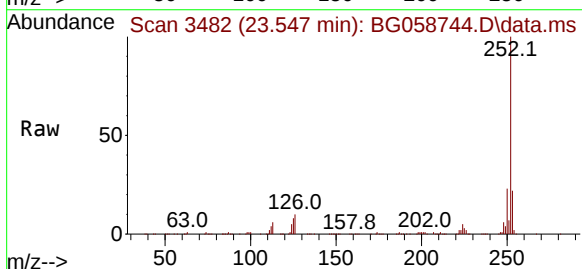
Tgt Ion:252 Resp: 689998

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 7.5 6.6 9.8

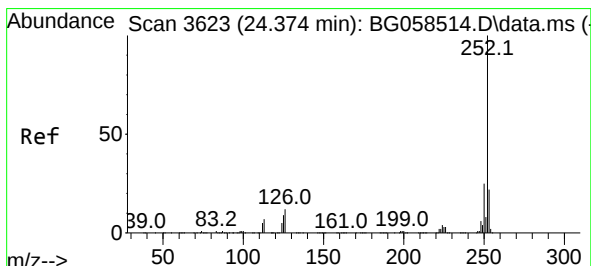
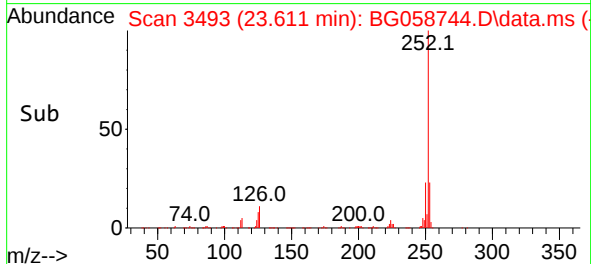
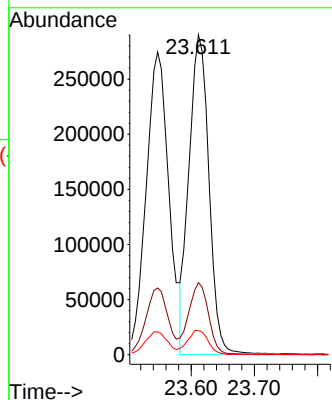
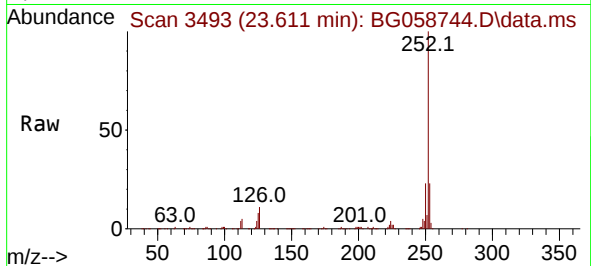




#89
Benzo(k)fluoranthene
Concen: 43.308 ng
RT: 23.611 min Scan# 3493
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

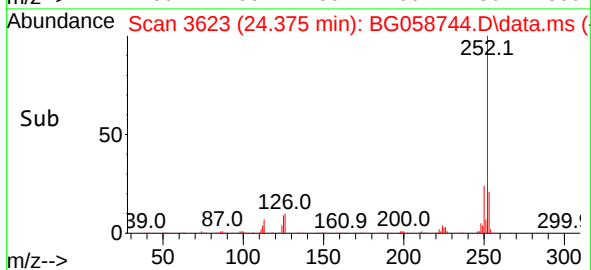
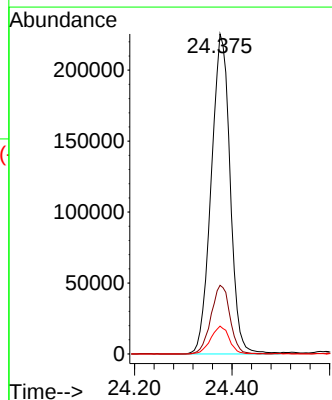
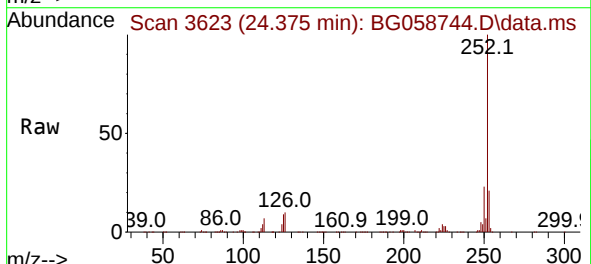
Instrument :
BNA_G
ClientSampleId :
PB154463BS

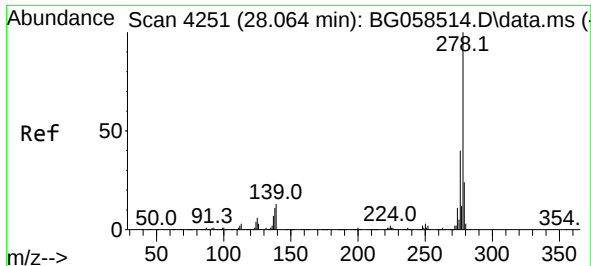
Tgt Ion:252 Resp: 635603
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 7.5 6.6 10.0



#90
Benzo(a)pyrene
Concen: 42.258 ng
RT: 24.375 min Scan# 3623
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:252 Resp: 606288
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 8.7 7.4 11.2

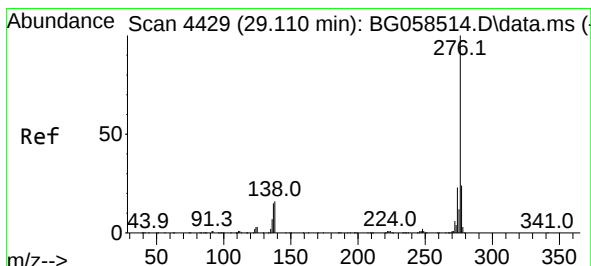
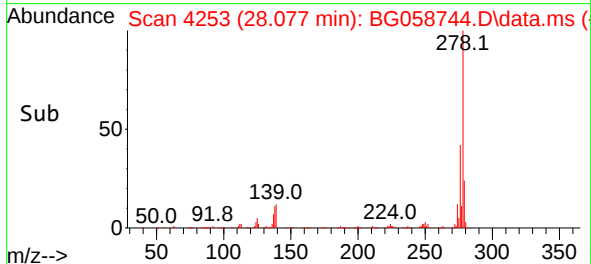
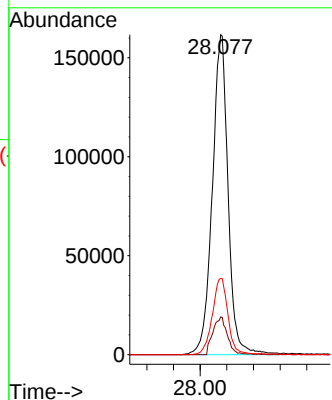
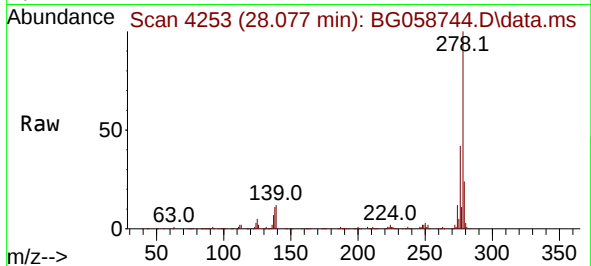




#91
Dibenzo(a,h)anthracene
Concen: 44.767 ng
RT: 28.077 min Scan# 41
Delta R.T. 0.013 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :
BNA_G
ClientSampleId :
PB154463BS

Tgt Ion:278 Resp: 663309
Ion Ratio Lower Upper
278 100
139 11.8 10.4 15.6
279 23.8 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 43.166 ng
RT: 29.117 min Scan# 4430
Delta R.T. 0.007 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:276 Resp: 641352
Ion Ratio Lower Upper
276 100
277 24.9 18.9 28.3
138 15.2 13.0 19.4

