

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
 Data File : BG055841.D
 Acq On : 30 Nov 2022 13:11
 Operator : CG/JU
 Sample : PB148322BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149322BS

Quant Time: Dec 01 02:12:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 02:10:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.218	152	33805	20.000	ng	0.00
21) Naphthalene-d8	11.050	136	160109	20.000	ng	# 0.00
39) Acenaphthene-d10	14.846	164	126994	20.000	ng	0.00
64) Phenanthrene-d10	17.584	188	319665	20.000	ng	0.00
76) Chrysene-d12	21.879	240	311114	20.000	ng	0.00
86) Perylene-d12	25.263	264	324347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	265797	142.119	ng	0.00
7) Phenol-d6	7.372	99	354574	142.422	ng	0.00
23) Nitrobenzene-d5	9.393	82	215869	71.262	ng	0.00
42) 2,4,6-Tribromophenol	16.332	330	216543	121.093	ng	0.00
45) 2-Fluorobiphenyl	13.471	172	587459	69.302	ng	0.00
79) Terphenyl-d14	20.169	244	1174341	75.497	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.571	88	24702	30.906	ng	97
3) Pyridine	3.988	79	70809	28.879	ng	99
4) n-Nitrosodimethylamine	3.900	42	50294	38.743	ng	95
6) Aniline	7.537	93	130206	41.639	ng	96
8) 2-Chlorophenol	7.783	128	101307	47.384	ng	98
9) Benzaldehyde	7.348	77	57426	33.965	ng	95
10) Phenol	7.401	94	131186	47.061	ng	97
11) bis(2-Chloroethyl)ether	7.625	93	87451	40.936	ng	98
12) 1,3-Dichlorobenzene	8.106	146	100731	40.073	ng	98
13) 1,4-Dichlorobenzene	8.259	146	101708	40.041	ng	99
14) 1,2-Dichlorobenzene	8.576	146	100875	41.443	ng	99
15) Benzyl Alcohol	8.459	79	99173	49.015	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.741	45	161938	41.874	ng	100
17) 2-Methylphenol	8.665	107	92339	46.658	ng	97
18) Hexachloroethane	9.311	117	35583	40.701	ng	95
19) n-Nitroso-di-n-propyla...	9.023	70	80808	42.245	ng	99
20) 3+4-Methylphenols	8.994	107	129434	46.818	ng	98
22) Acetophenone	9.047	105	156033	37.504	ng	# 97
24) Nitrobenzene	9.440	77	117393	37.102	ng	99
25) Isophorone	9.957	82	233567	40.694	ng	99
26) 2-Nitrophenol	10.151	139	61140	41.858	ng	97
27) 2,4-Dimethylphenol	10.204	122	101352	45.591	ng	99
28) bis(2-Chloroethoxy)met...	10.433	93	131580	42.703	ng	99
29) 2,4-Dichlorophenol	10.698	162	112122	42.138	ng	98
30) 1,2,4-Trichlorobenzene	10.909	180	112126	36.272	ng	95
31) Naphthalene	11.103	128	315985	36.508	ng	100
32) Benzoic acid	10.357	122	48878	26.724	ng	97
33) 4-Chloroaniline	11.203	127	123935	34.712	ng	98
34) Hexachlorobutadiene	11.373	225	75802	35.911	ng	93
35) Caprolactam	11.978	113	23124	25.113	ng	99
36) 4-Chloro-3-methylphenol	12.313	107	130033	44.463	ng	97
37) 2-Methylnaphthalene	12.689	142	246192	37.989	ng	99
38) 1-Methylnaphthalene	12.907	142	233275	37.079	ng	99
40) 1,2,4,5-Tetrachloroben...	13.054	216	146585	36.730	ng	100
41) Hexachlorocyclopentadiene	13.024	237	132533	65.891	ng	98
43) 2,4,6-Trichlorophenol	13.289	196	101529	37.295	ng	97

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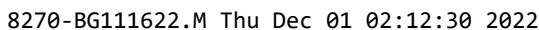
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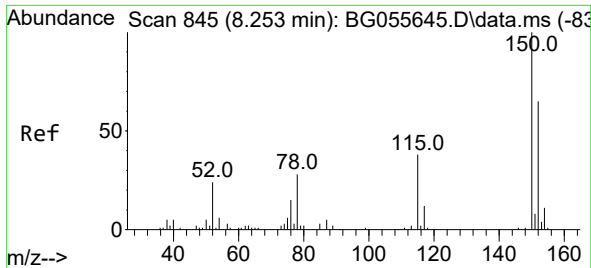
Quant Time: Dec 01 02:12:25 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.365	196	112196	37.503	ng	98
46) 1,1'-Biphenyl	13.682	154	343031	37.067	ng	99
47) 2-Chloronaphthalene	13.729	162	261703	36.383	ng	99
48) 2-Nitroaniline	13.929	65	94900	40.129	ng	98
49) Acenaphthylene	14.575	152	443082	37.407	ng	99
50) Dimethylphthalate	14.287	163	391652	38.688	ng	100
51) 2,6-Dinitrotoluene	14.417	165	84802	40.969	ng	94
52) Acenaphthene	14.910	154	263466	34.033	ng	97
53) 3-Nitroaniline	14.752	138	73538	32.363	ng	95
54) 2,4-Dinitrophenol	14.957	184	102605	86.214	ng	97
55) Dibenzofuran	15.239	168	444283	37.202	ng	99
56) 4-Nitrophenol	15.057	139	132796	74.462	ng	94
57) 2,4-Dinitrotoluene	15.204	165	124392	42.623	ng	93
58) Fluorene	15.886	166	362266	37.980	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.468	232	103186	35.597	ng	99
60) Diethylphthalate	15.639	149	395600	38.651	ng	99
61) 4-Chlorophenyl-phenyle...	15.868	204	202071	38.540	ng	96
62) 4-Nitroaniline	15.909	138	93208	39.241	ng	97
63) Azobenzene	16.162	77	336320	37.638	ng	99
65) 4,6-Dinitro-2-methylph...	15.968	198	73645	41.258	ng	98
66) n-Nitrosodiphenylamine	16.085	169	335167	38.045	ng	98
67) 4-Bromophenyl-phenylether	16.767	248	137780	37.829	ng	97
68) Hexachlorobenzene	16.890	284	153496	38.007	ng	100
69) Atrazine	17.025	200	145510	41.763	ng	98
70) Pentachlorophenol	17.237	266	159334	64.493	ng	97
71) Phenanthrene	17.631	178	633196	36.706	ng	99
72) Anthracene	17.719	178	640669	38.224	ng	99
73) Carbazole	17.989	167	587212	38.971	ng	99
74) Di-n-butylphthalate	18.518	149	702146	37.528	ng	99
75) Fluoranthene	19.628	202	771979	36.785	ng	100
77) Benzidine	19.799	184	360962	50.151	ng	99
78) Pyrene	19.987	202	779731	37.027	ng	99
80) Butylbenzylphthalate	20.850	149	317954	38.568	ng	97
81) Benzo(a)anthracene	21.855	228	801247	37.392	ng	99
82) 3,3'-Dichlorobenzidine	21.761	252	258793	34.370	ng	99
83) Chrysene	21.926	228	752995	36.912	ng	99
84) Bis(2-ethylhexyl)phtha...	21.726	149	464694	39.222	ng	100
85) Di-n-octyl phthalate	22.983	149	792175	39.071	ng	100
87) Indeno(1,2,3-cd)pyrene	29.170	276	961675	36.192	ng	# 95
88) Benzo(b)fluoranthene	24.182	252	860209	40.723	ng	99
89) Benzo(k)fluoranthene	24.252	252	831234	39.478	ng	99
90) Benzo(a)pyrene	25.104	252	752051	41.489	ng	100
91) Dibenzo(a,h)anthracene	29.229	278	823279	37.916	ng	99
92) Benzo(g,h,i)perylene	30.404	276	810640	37.042	ng	98

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

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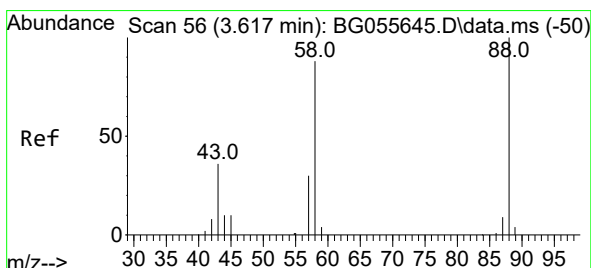
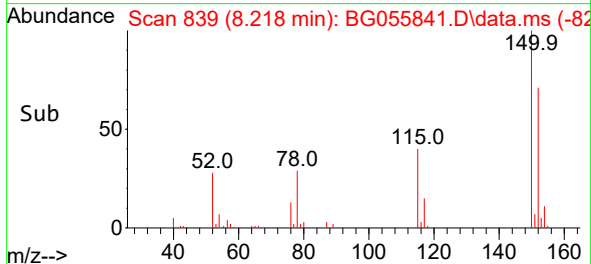
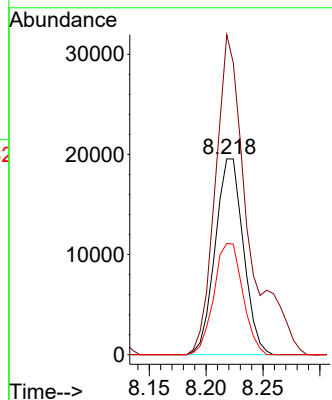
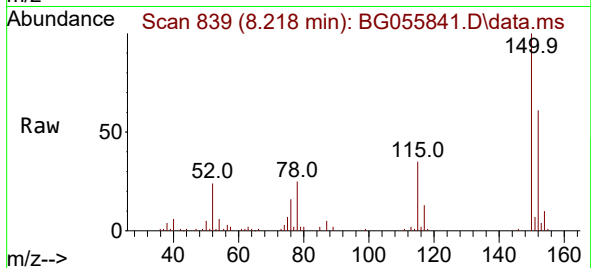




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.218 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

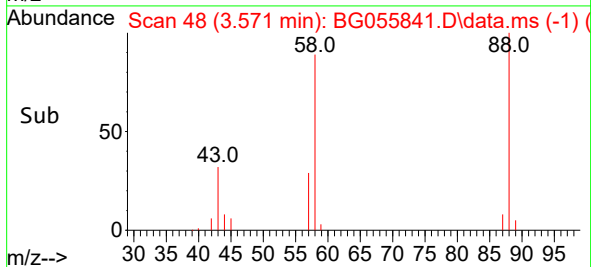
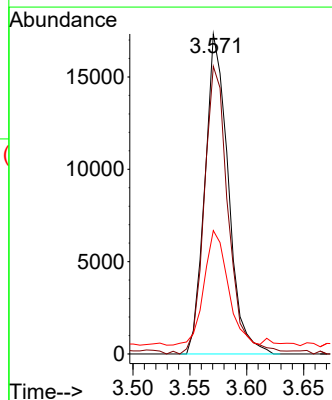
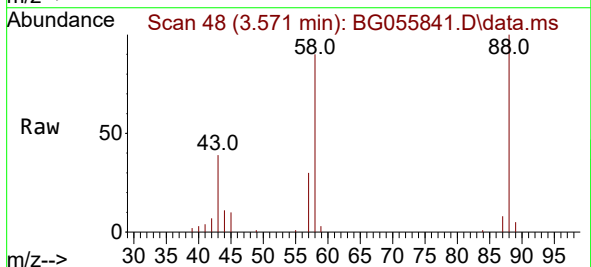
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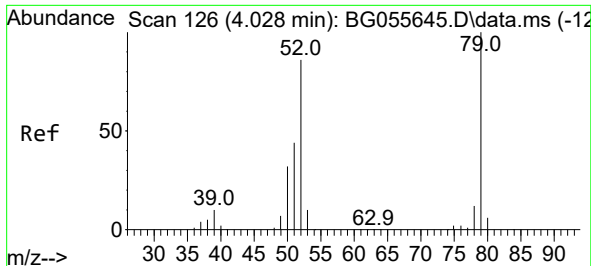
Tgt Ion:152 Resp: 33805
Ion Ratio Lower Upper
152 100
150 163.3 123.0 184.6
115 56.8 47.0 70.4



#2
1,4-Dioxane
Concen: 30.906 ng
RT: 3.571 min Scan# 48
Delta R.T. -0.007 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion: 88 Resp: 24702
Ion Ratio Lower Upper
88 100
58 92.4 71.3 106.9
43 36.7 28.6 43.0





#3

Pyridine

Concen: 28.879 ng

RT: 3.988 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

Instrument :

BNA_G

ClientSampleId :

PB149322BS

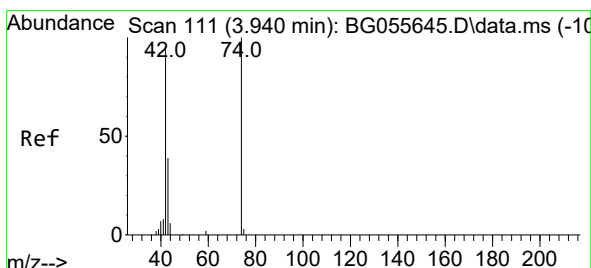
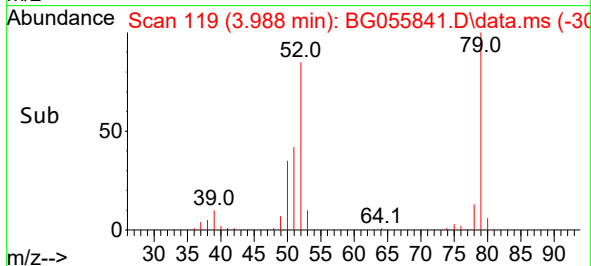
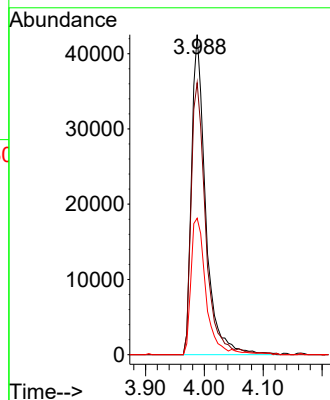
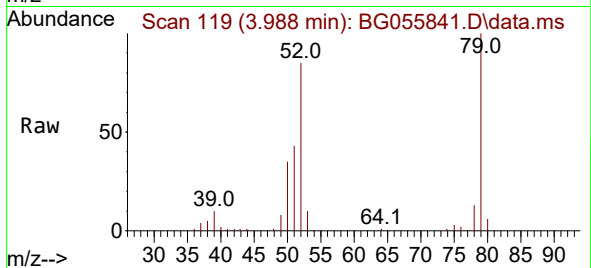
Tgt Ion: 79 Resp: 70809

Ion Ratio Lower Upper

79 100

52 85.0 68.9 103.3

51 42.6 34.8 52.2



#4

n-Nitrosodimethylamine

Concen: 38.743 ng

RT: 3.900 min Scan# 104

Delta R.T. -0.007 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

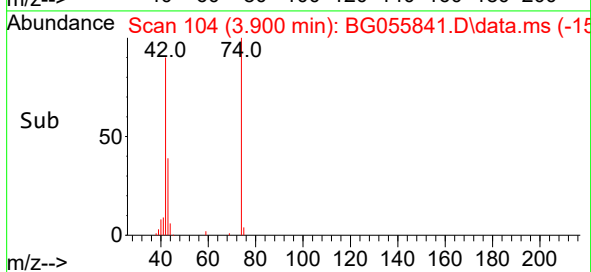
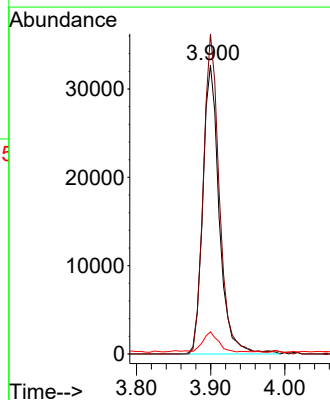
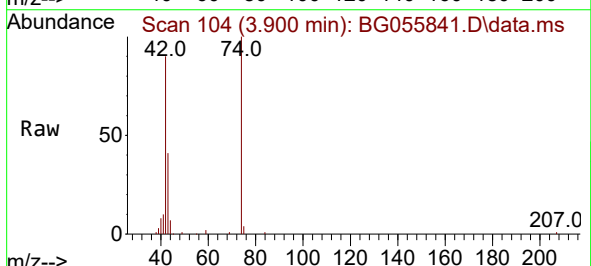
Tgt Ion: 42 Resp: 50294

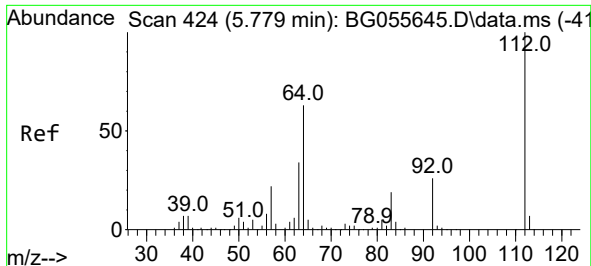
Ion Ratio Lower Upper

42 100

74 110.7 84.7 127.1

44 7.7 5.4 8.0

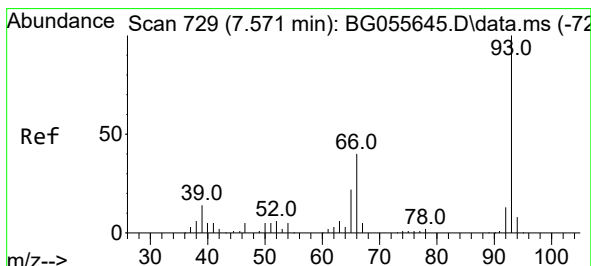
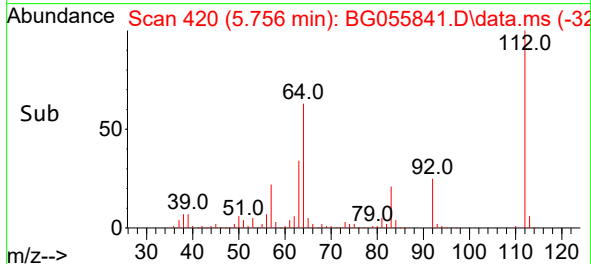
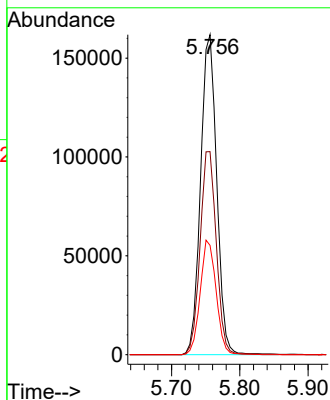
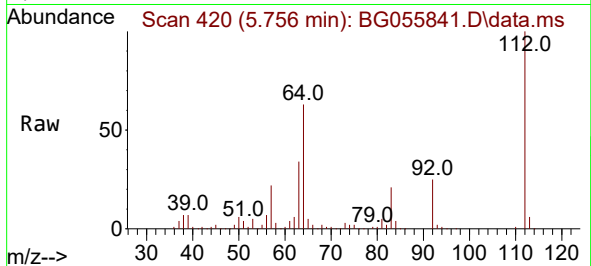




#5
2-Fluorophenol
Concen: 142.119 ng
RT: 5.756 min Scan# 41
Delta R.T. 0.005 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

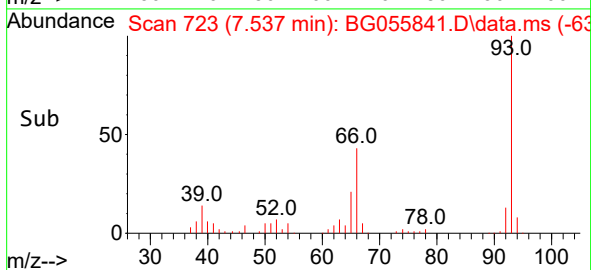
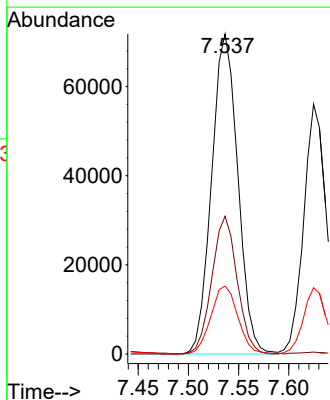
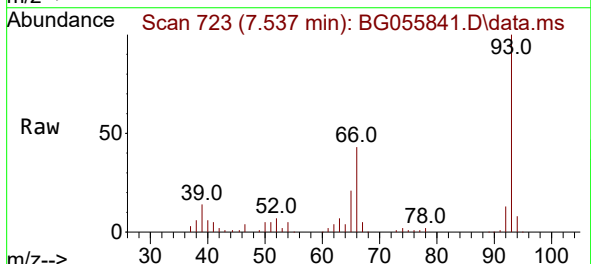
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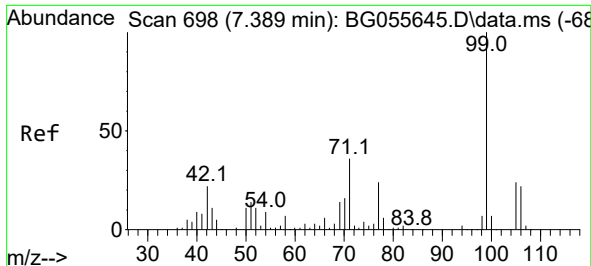
Tgt Ion:112 Resp: 265797
Ion Ratio Lower Upper
112 100
64 63.5 50.6 76.0
63 34.2 27.5 41.3



#6
Aniline
Concen: 41.639 ng
RT: 7.537 min Scan# 723
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion: 93 Resp: 130206
Ion Ratio Lower Upper
93 100
66 43.0 31.7 47.5
65 21.3 17.9 26.9

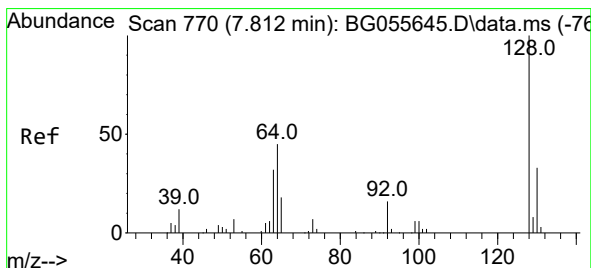
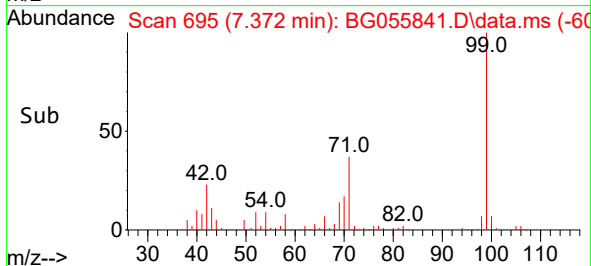
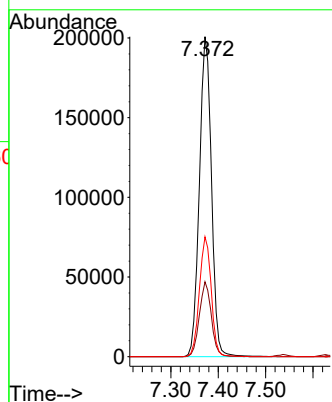
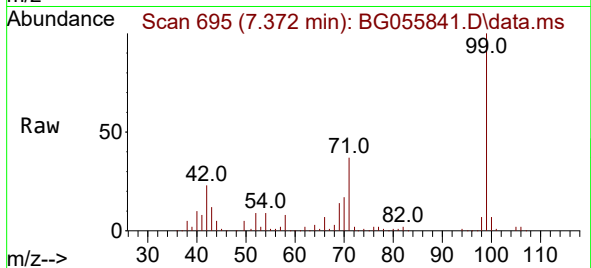




#7
Phenol-d6
Concen: 142.422 ng
RT: 7.372 min Scan# 695
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

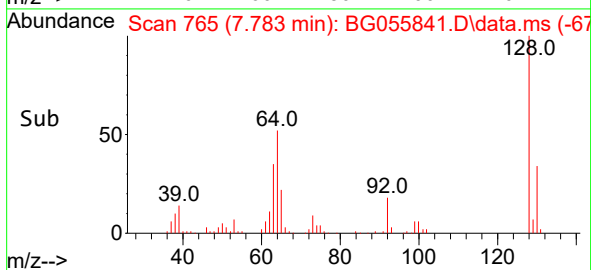
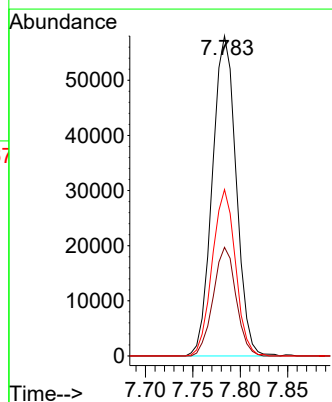
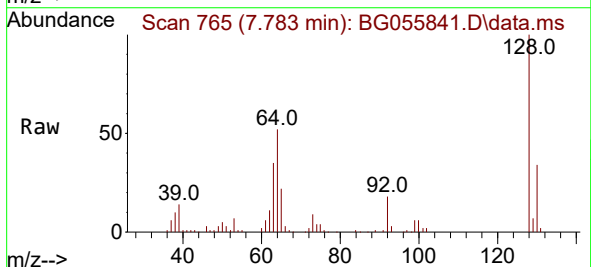
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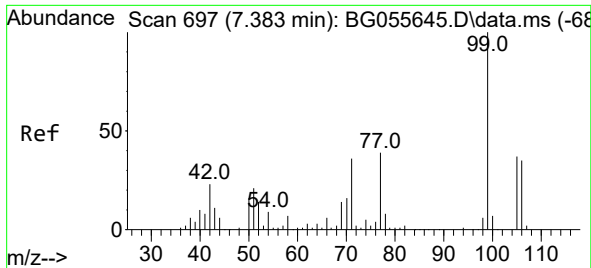
Tgt Ion: 99 Resp: 354574
Ion Ratio Lower Upper
99 100
42 23.4 18.0 27.0
71 37.5 29.0 43.6



#8
2-Chlorophenol
Concen: 47.384 ng
RT: 7.783 min Scan# 765
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:128 Resp: 101307
Ion Ratio Lower Upper
128 100
130 33.9 13.1 53.1
64 52.0 30.2 70.2

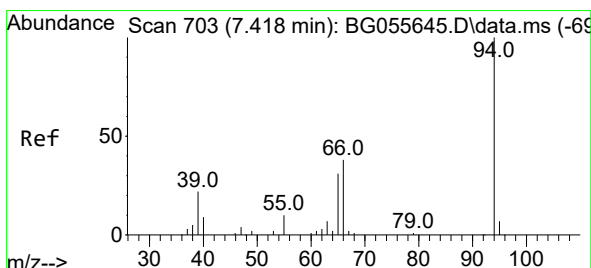
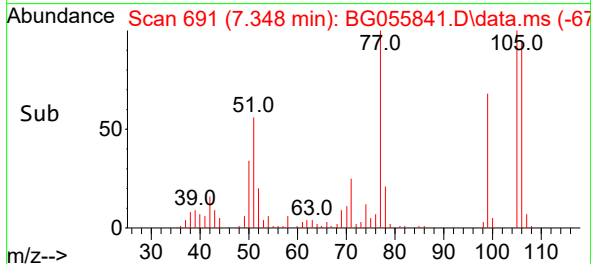
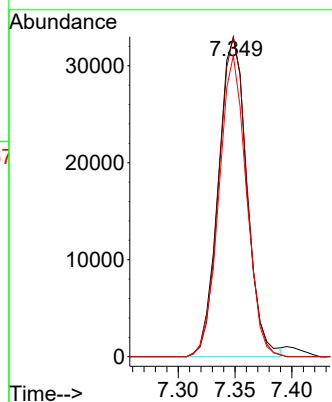
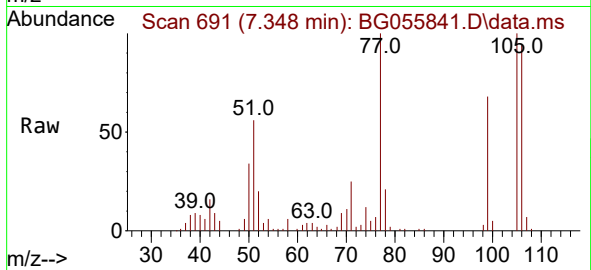




#9
Benzaldehyde
Concen: 33.965 ng
RT: 7.348 min Scan# 697
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

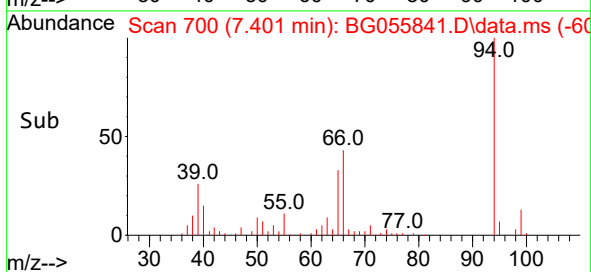
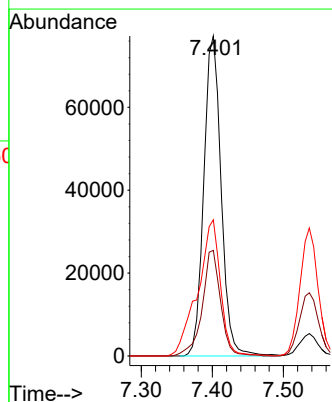
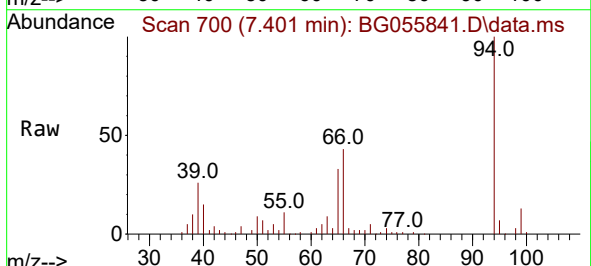
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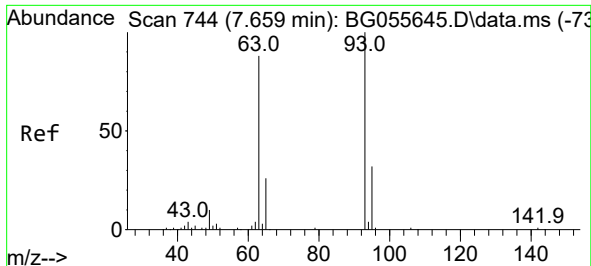
Tgt Ion: 77 Resp: 57426
Ion Ratio Lower Upper
77 100
105 100.5 76.3 116.3
106 94.5 69.8 109.8



#10
Phenol
Concen: 47.061 ng
RT: 7.401 min Scan# 700
Delta R.T. 0.005 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion: 94 Resp: 131186
Ion Ratio Lower Upper
94 100
65 33.0 11.8 51.8
66 42.5 20.5 60.5

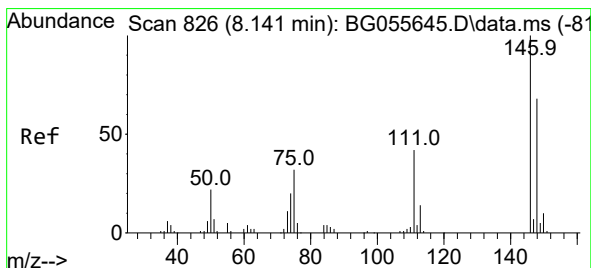
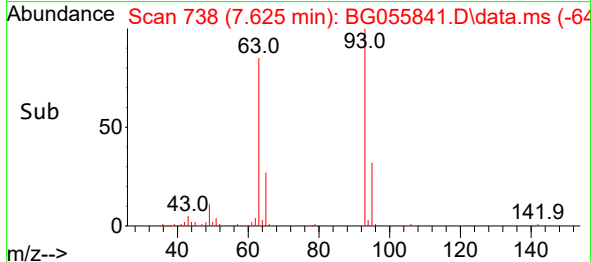
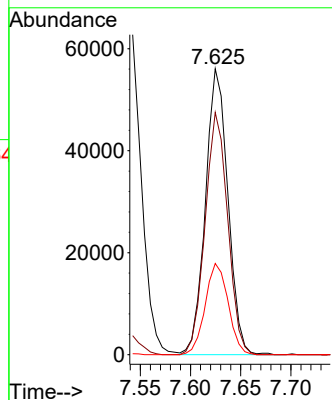
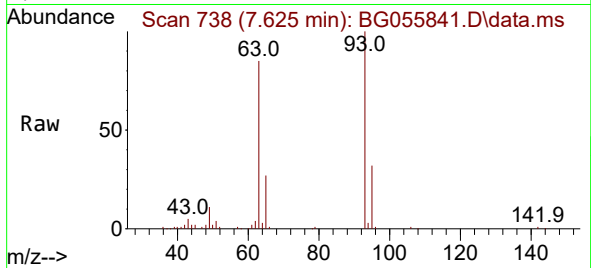




#11
bis(2-Chloroethyl)ether
Concen: 40.936 ng
RT: 7.625 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

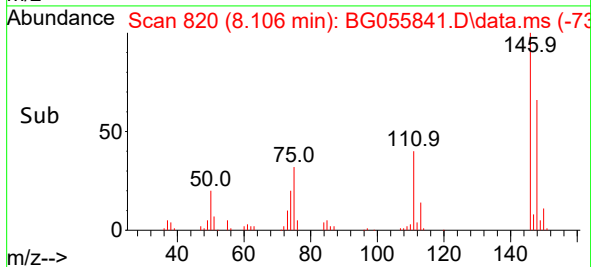
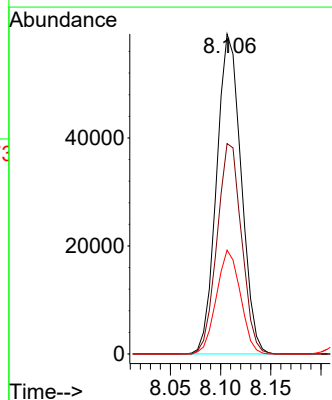
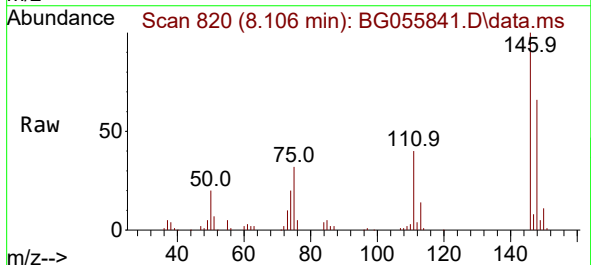
Instrument :
BNA_G
ClientSampleId :
PB149322BS

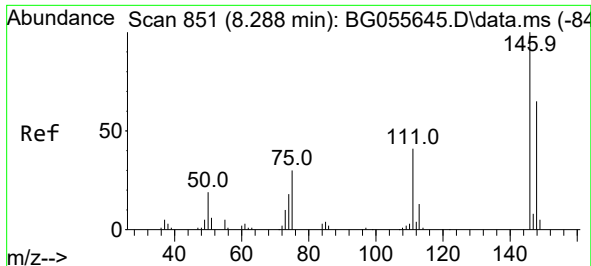
Tgt Ion: 93 Resp: 87451
Ion Ratio Lower Upper
93 100
63 84.7 67.6 107.6
95 31.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.073 ng
RT: 8.106 min Scan# 820
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion: 146 Resp: 100731
Ion Ratio Lower Upper
146 100
148 65.8 54.6 81.8
75 32.5 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 40.041 ng

RT: 8.259 min Scan# 84

Delta R.T. 0.005 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

Instrument :

BNA_G

ClientSampleId :

PB149322BS

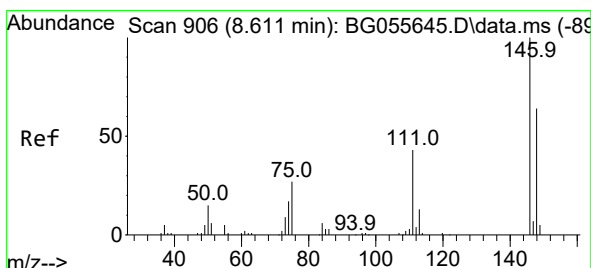
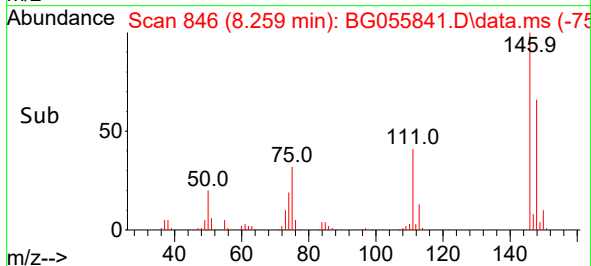
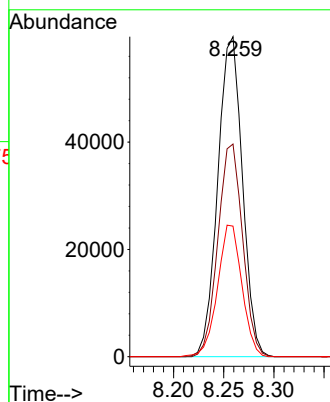
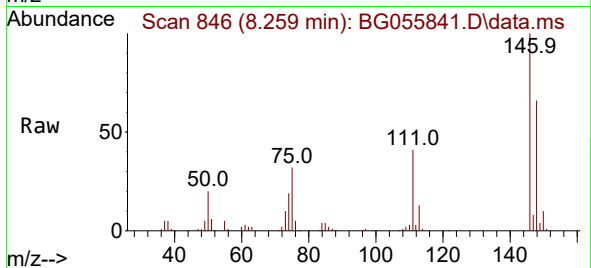
Tgt Ion:146 Resp: 101708

Ion Ratio Lower Upper

146 100

148 66.5 52.1 78.1

111 40.8 33.0 49.4



#14

1,2-Dichlorobenzene

Concen: 41.443 ng

RT: 8.576 min Scan# 900

Delta R.T. -0.001 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

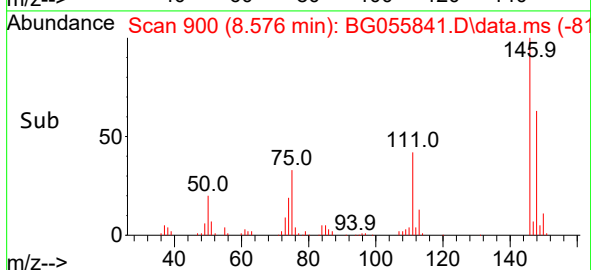
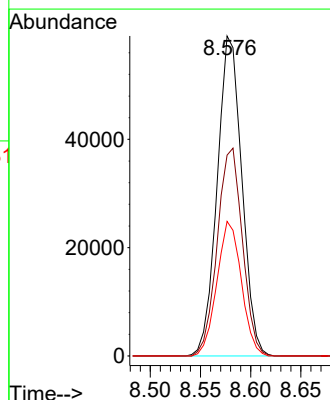
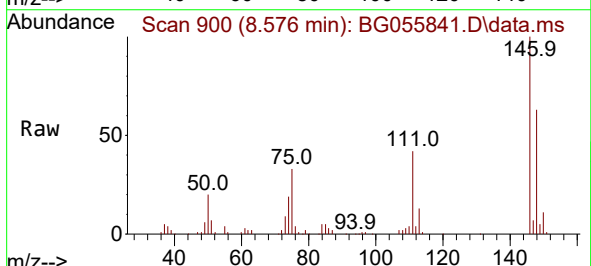
Tgt Ion:146 Resp: 100875

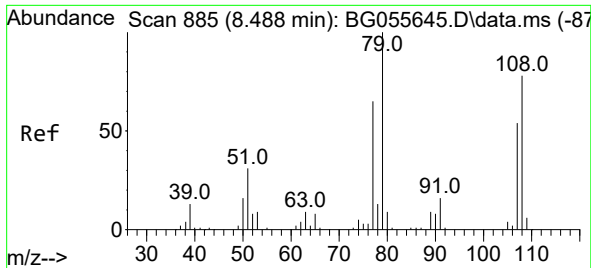
Ion Ratio Lower Upper

146 100

148 62.8 50.9 76.3

111 42.1 34.5 51.7

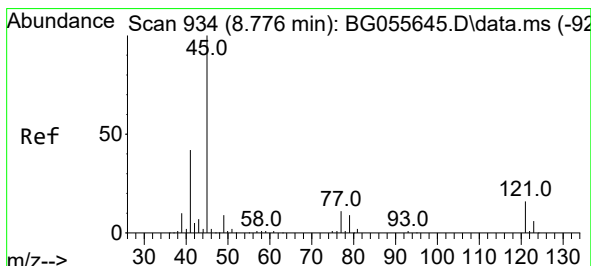
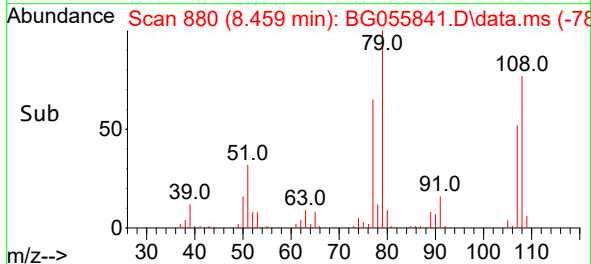
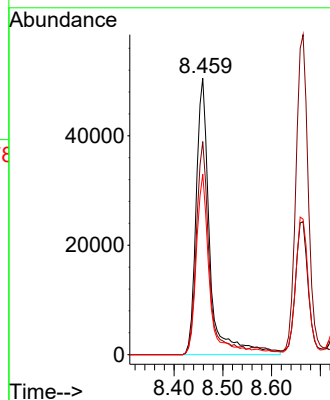
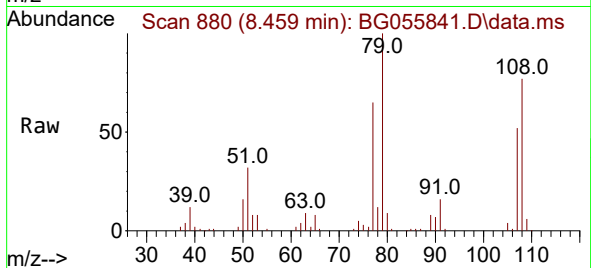




#15
Benzyl Alcohol
Concen: 49.015 ng
RT: 8.459 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

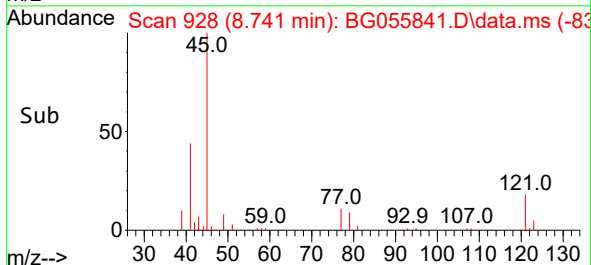
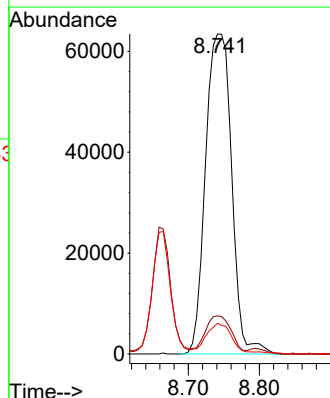
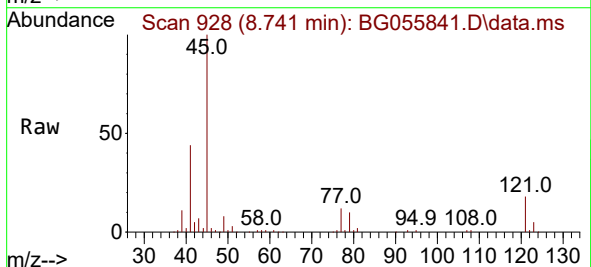
Instrument :
BNA_G
ClientSampleId :
PB149322BS

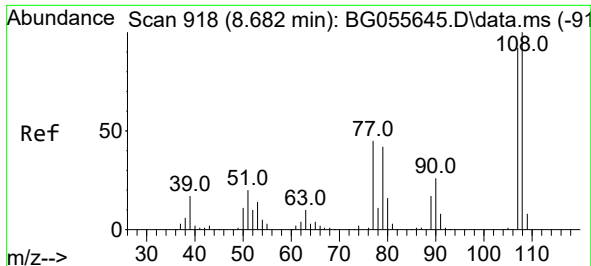
Tgt Ion: 79 Resp: 99173
Ion Ratio Lower Upper
79 100
108 77.1 62.6 93.8
77 65.3 52.4 78.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.874 ng
RT: 8.741 min Scan# 928
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion: 45 Resp: 161938
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.7
79 9.6 0.0 29.5

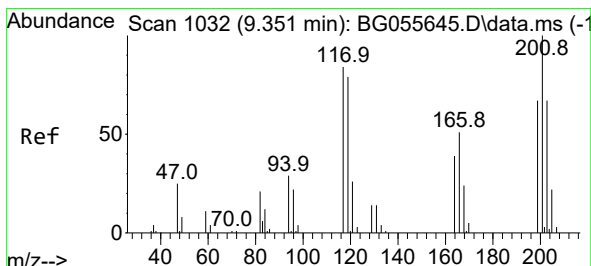
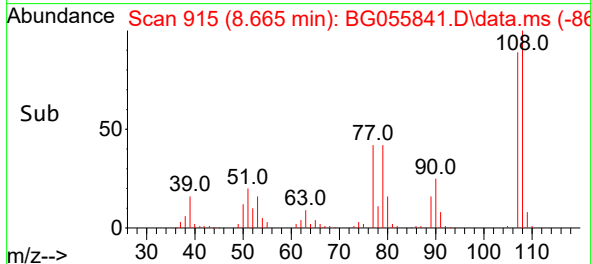
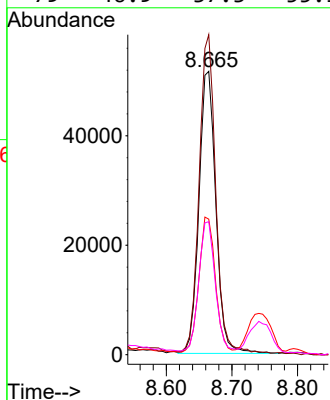
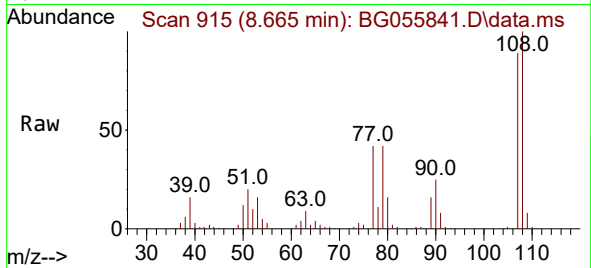




#17
2-Methylphenol
Concen: 46.658 ng
RT: 8.665 min Scan# 918
Delta R.T. 0.005 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

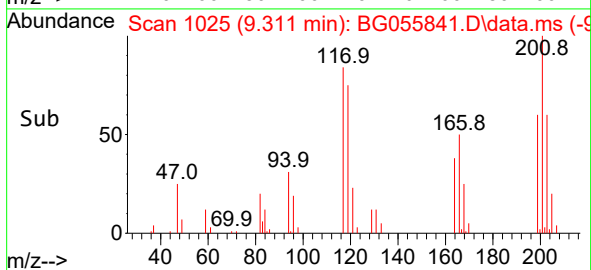
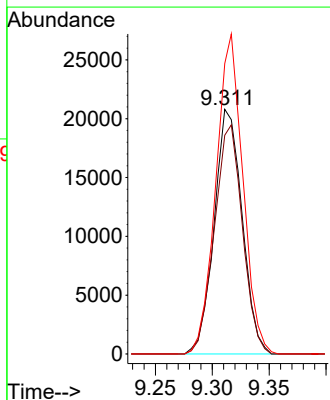
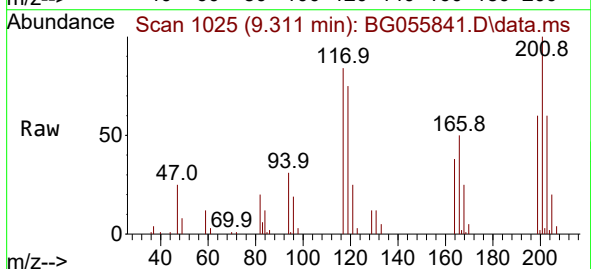
Instrument :
BNA_G
ClientSampleId :
PB149322BS

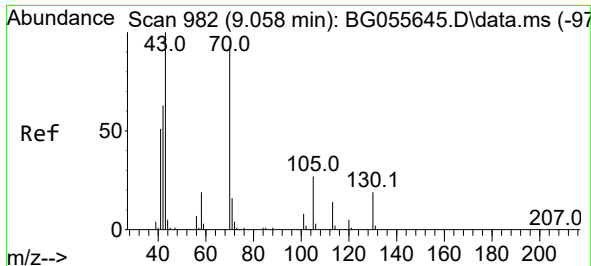
Tgt Ion:	107	Resp:	92339
Ion	Ratio	Lower	Upper
107	100		
108	112.9	87.3	130.9
77	47.8	39.4	59.0
79	46.9	37.3	55.9



#18
Hexachloroethane
Concen: 40.701 ng
RT: 9.311 min Scan# 1025
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:	117	Resp:	35583
Ion	Ratio	Lower	Upper
117	100		
119	89.4	76.0	114.0
201	118.7	98.6	148.0

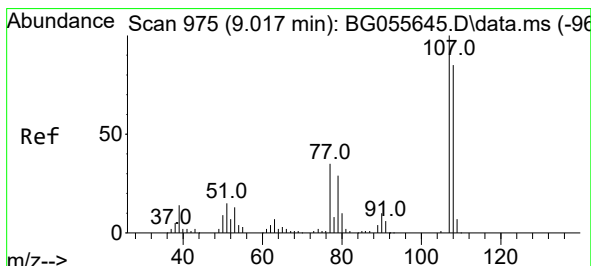
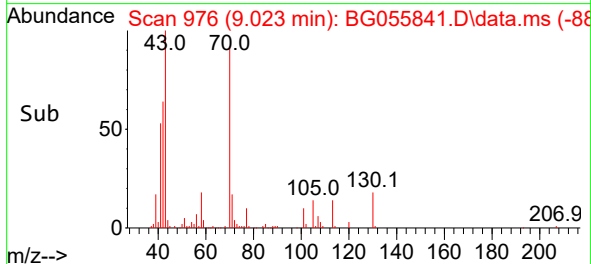
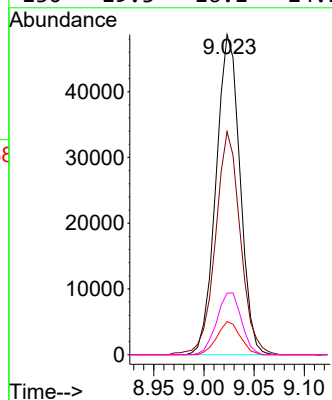
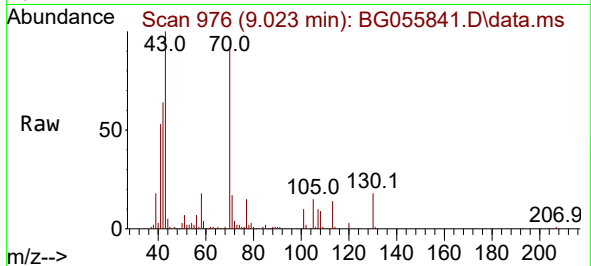




#19
n-Nitroso-di-n-propylamine
Concen: 42.245 ng
RT: 9.023 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

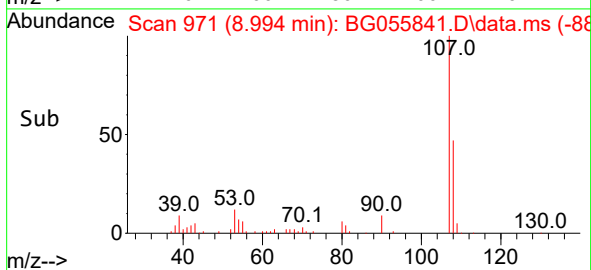
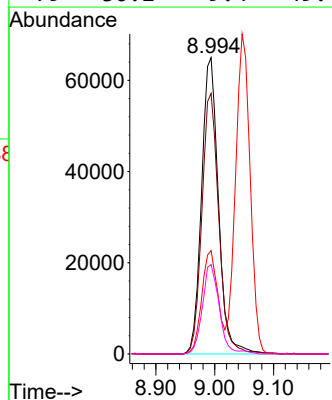
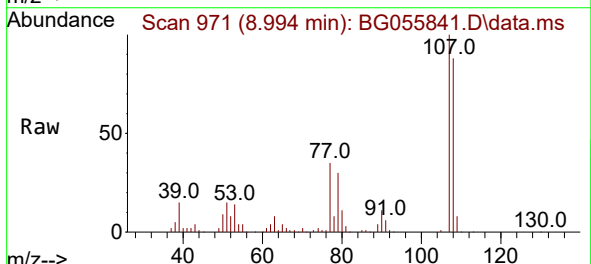
Instrument :
BNA_G
ClientSampleId :
PB149322BS

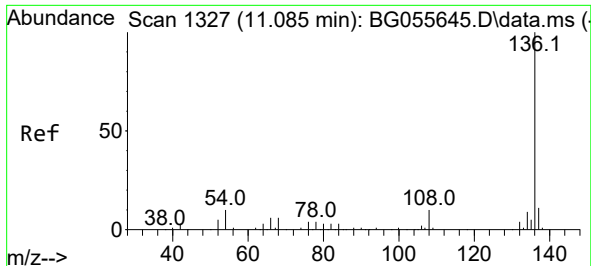
Tgt Ion: 70 Resp: 80808
Ion Ratio Lower Upper
70 100
42 69.7 55.2 82.8
101 10.3 7.1 10.7
130 19.3 16.1 24.1



#20
3+4-Methylphenols
Concen: 46.818 ng
RT: 8.994 min Scan# 971
Delta R.T. 0.005 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion: 107 Resp: 129434
Ion Ratio Lower Upper
107 100
108 87.9 65.5 105.5
77 34.9 14.6 54.6
79 30.2 9.4 49.4

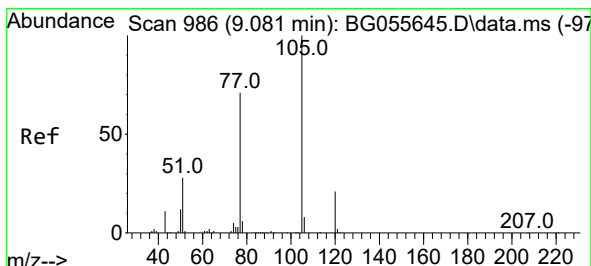
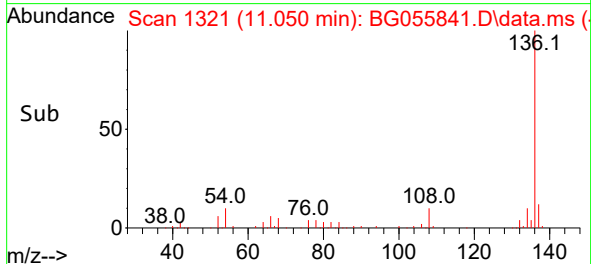
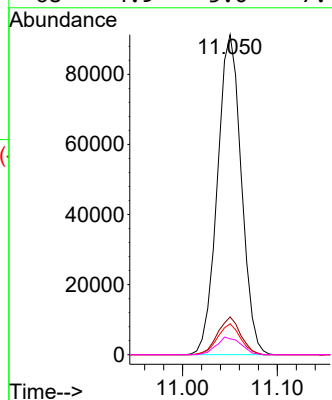
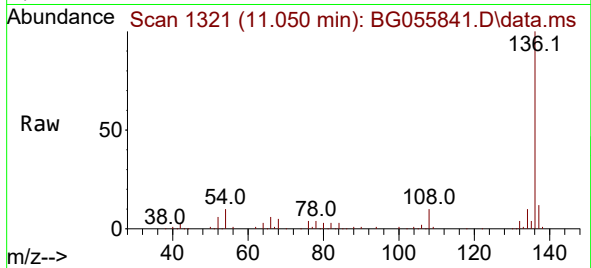




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.050 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

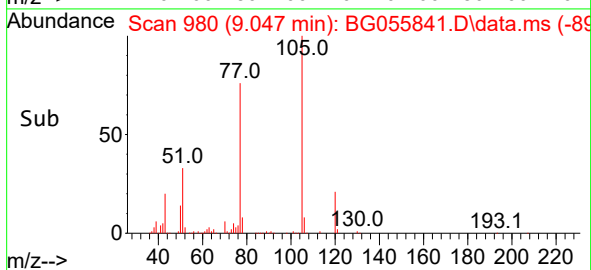
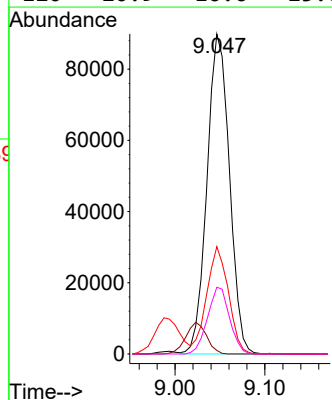
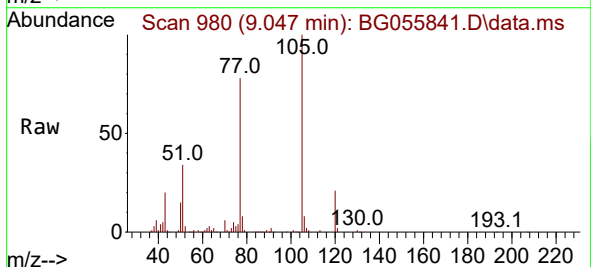
Instrument :
BNA_G
ClientSampleId :
PB149322BS

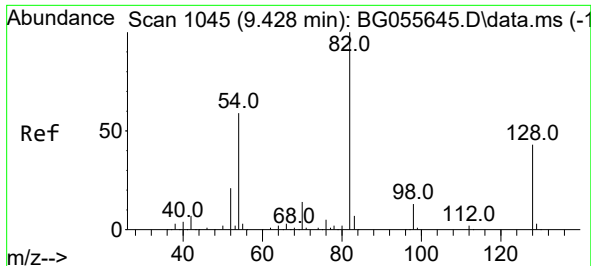
Tgt Ion:136 Resp: 160109
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.6
54 9.6 7.8 11.6
68 4.9 5.0 7.4#



#22
Acetophenone
Concen: 37.504 ng
RT: 9.047 min Scan# 980
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:105 Resp: 156033
Ion Ratio Lower Upper
105 100
71 1.1 0.6 1.0#
51 33.5 24.5 36.7
120 20.9 16.6 25.0





#23
Nitrobenzene-d5
Concen: 71.262 ng
RT: 9.393 min Scan# 1046
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

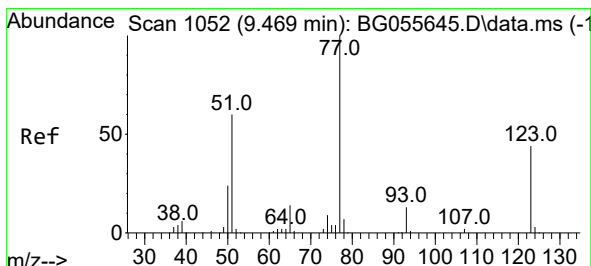
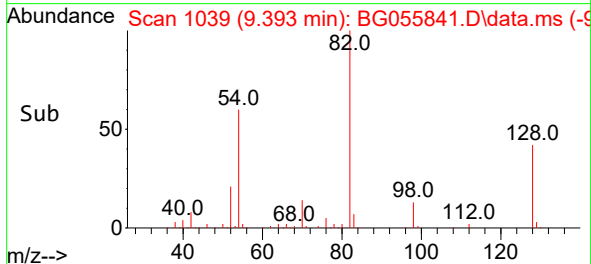
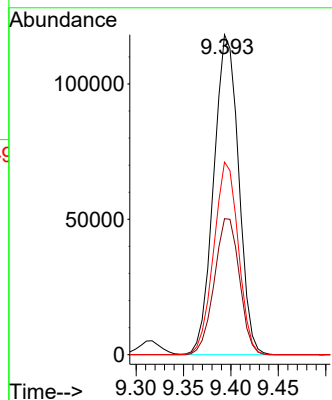
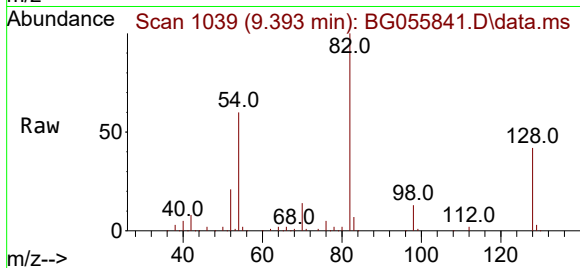
Instrument :

BNA_G

ClientSampleId :

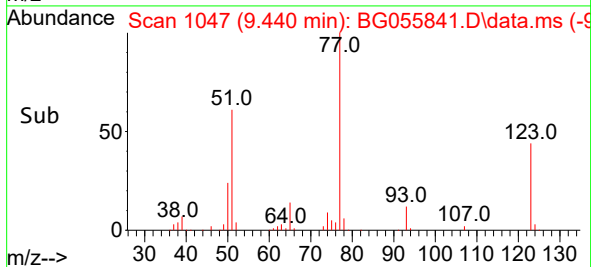
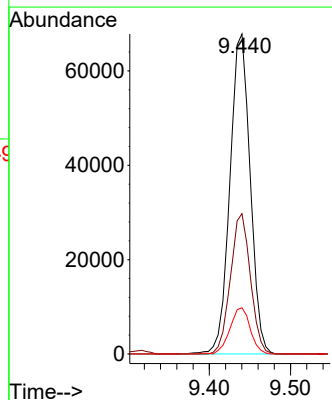
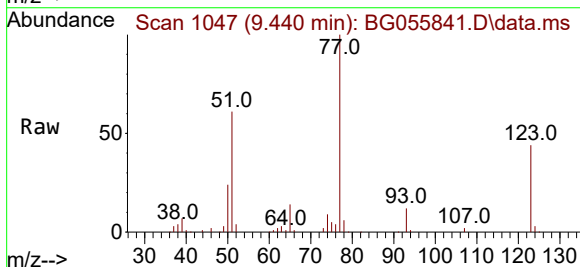
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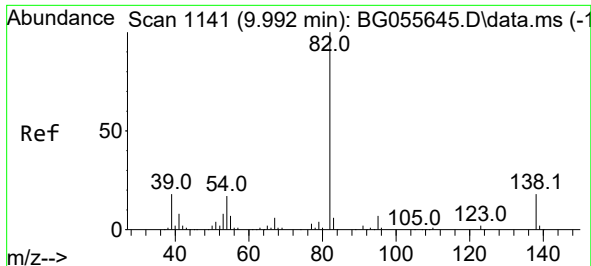
Tgt Ion: 82 Resp: 215869
Ion Ratio Lower Upper
82 100
128 42.5 34.1 51.1
54 60.2 47.3 70.9



#24
Nitrobenzene
Concen: 37.102 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion: 77 Resp: 117393
Ion Ratio Lower Upper
77 100
123 43.8 35.5 53.3
65 14.4 11.5 17.3

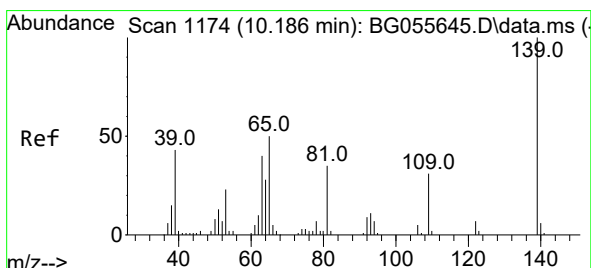
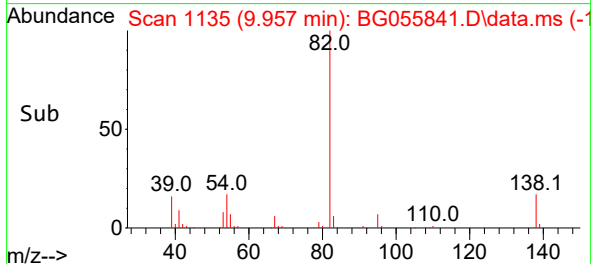
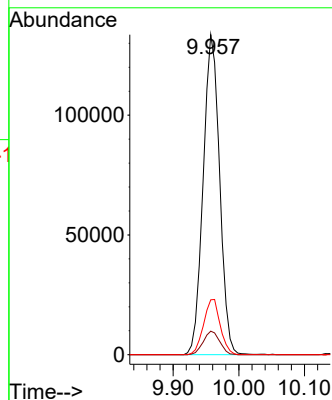
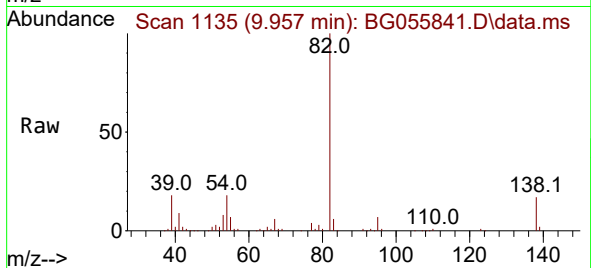




#25
Isophorone
Concen: 40.694 ng
RT: 9.957 min Scan# 1141
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

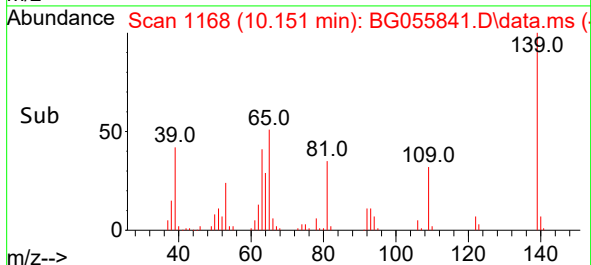
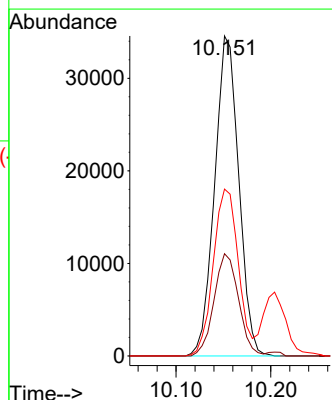
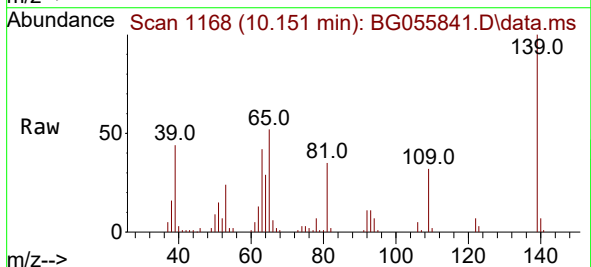
Instrument :
BNA_G
ClientSampleId :
PB149322BS

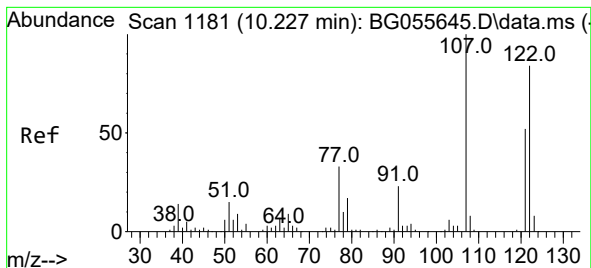
Tgt Ion: 82 Resp: 233567
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 17.2 14.2 21.4



#26
2-Nitrophenol
Concen: 41.858 ng
RT: 10.151 min Scan# 1168
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:139 Resp: 61140
Ion Ratio Lower Upper
139 100
109 32.0 24.4 36.6
65 52.2 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 45.591 ng

RT: 10.204 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

Instrument :

BNA_G

ClientSampleId :

PB149322BS

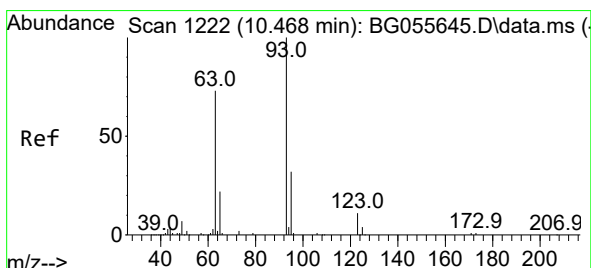
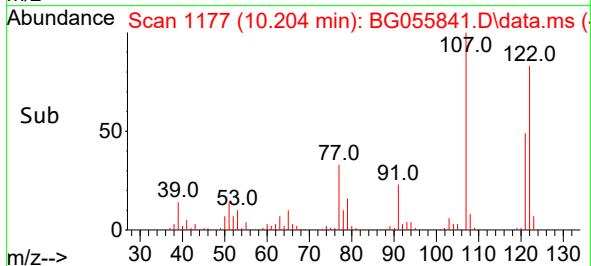
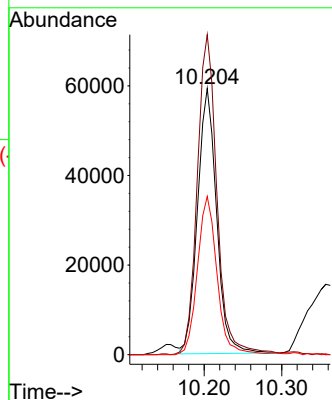
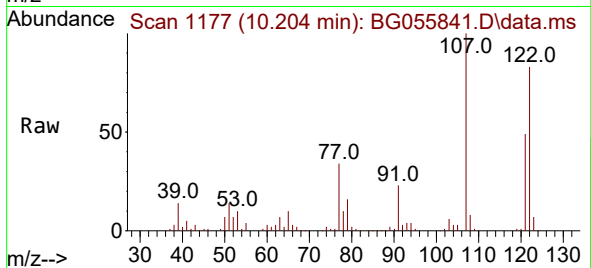
Tgt Ion:122 Resp: 101352

Ion Ratio Lower Upper

122 100

107 120.2 95.8 143.6

121 59.4 49.6 74.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.703 ng

RT: 10.433 min Scan# 1216

Delta R.T. -0.001 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

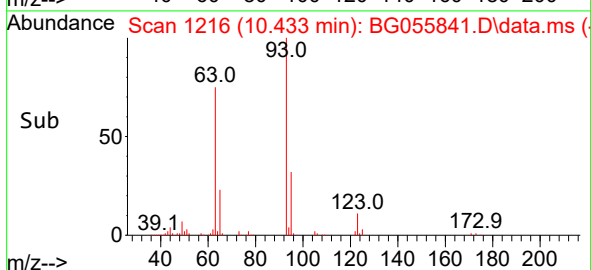
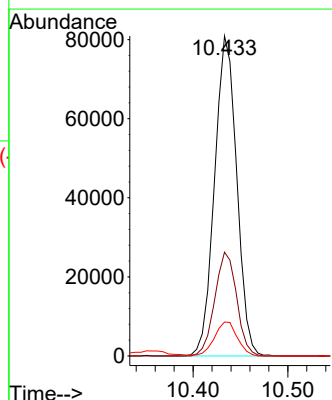
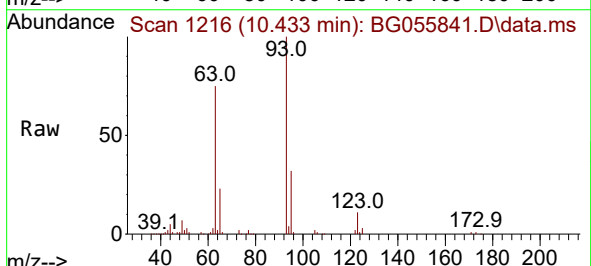
Tgt Ion: 93 Resp: 131580

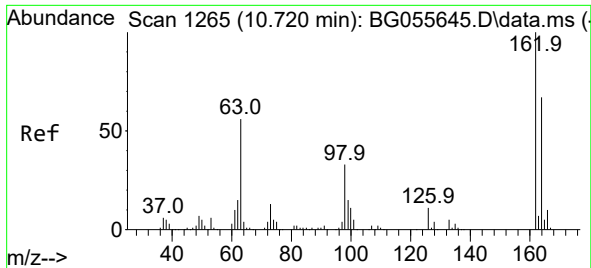
Ion Ratio Lower Upper

93 100

95 32.5 25.7 38.5

123 10.6 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 42.138 ng

RT: 10.698 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

Instrument :

BNA_G

ClientSampleId :

PB149322BS

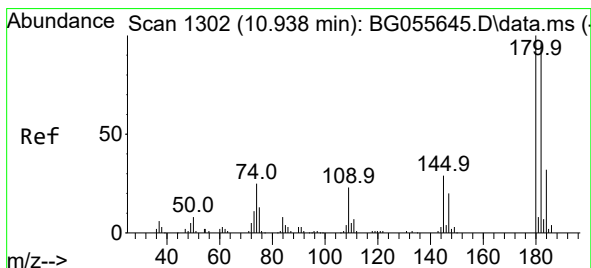
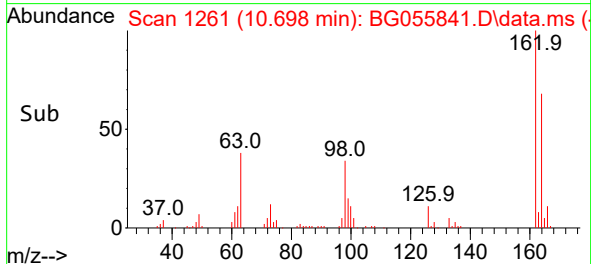
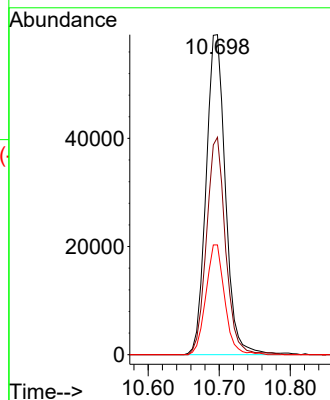
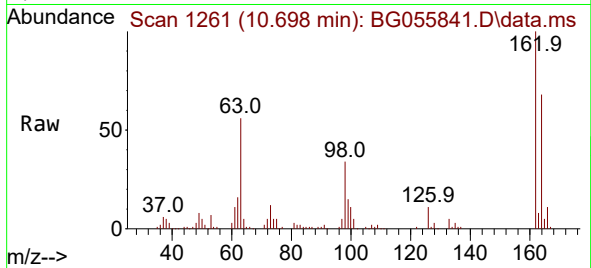
Tgt Ion:162 Resp: 112122

Ion Ratio Lower Upper

162 100

164 67.9 46.7 86.7

98 34.3 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 36.272 ng

RT: 10.909 min Scan# 1297

Delta R.T. -0.001 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

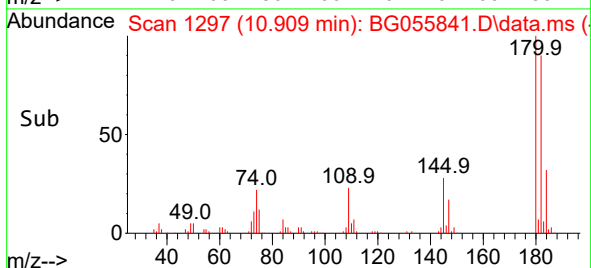
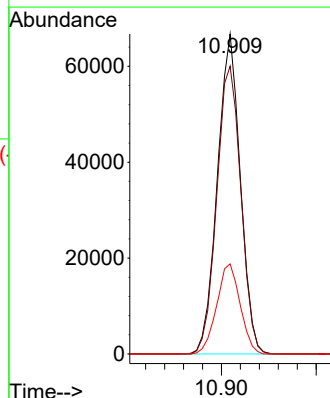
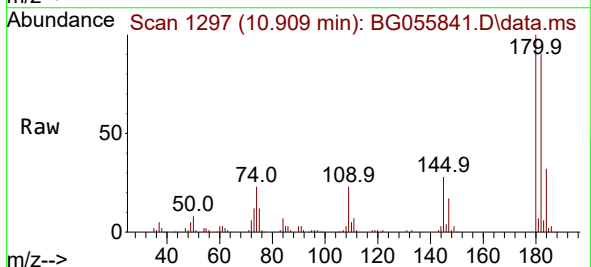
Tgt Ion:180 Resp: 112126

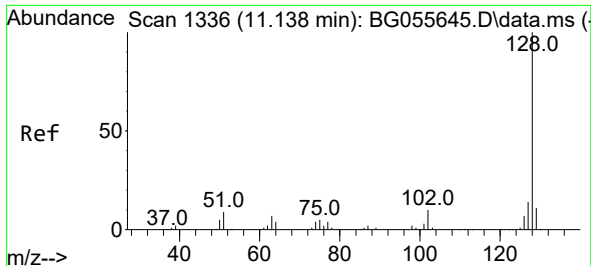
Ion Ratio Lower Upper

180 100

182 90.0 77.1 115.7

145 28.2 22.9 34.3

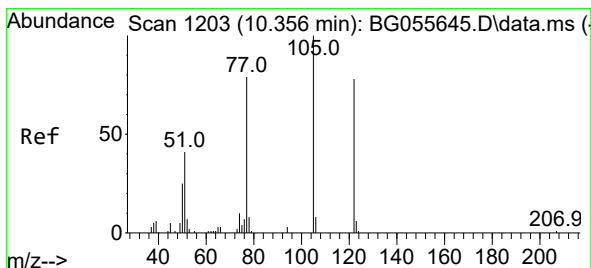
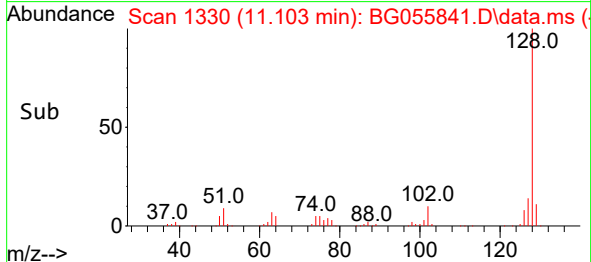
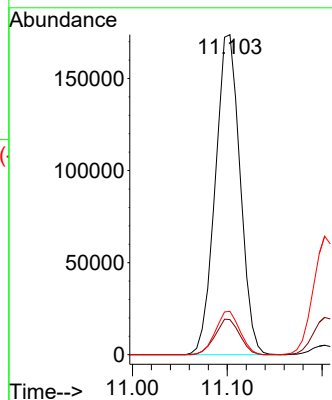
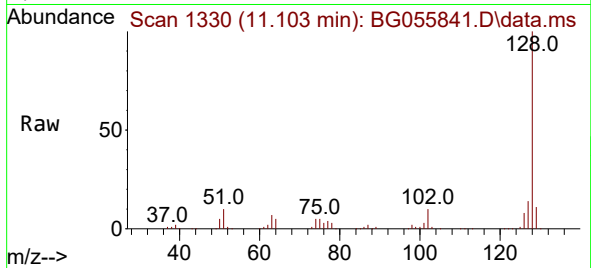




#31
Naphthalene
Concen: 36.508 ng
RT: 11.103 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

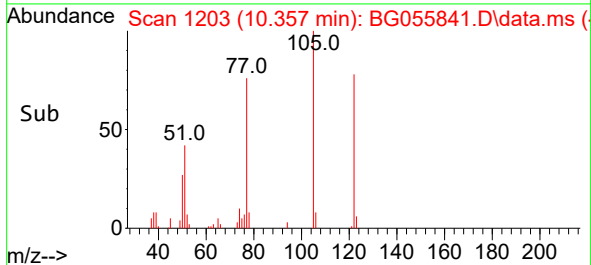
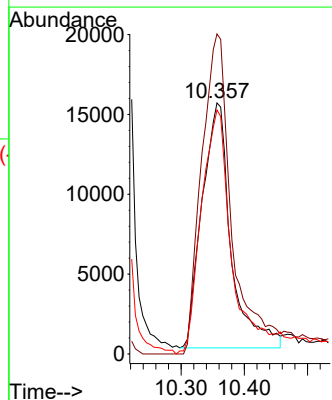
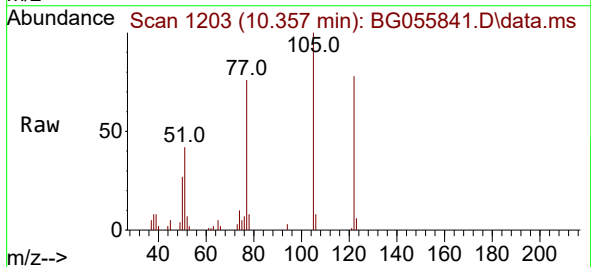
Instrument :
BNA_G
ClientSampleId :
PB149322BS

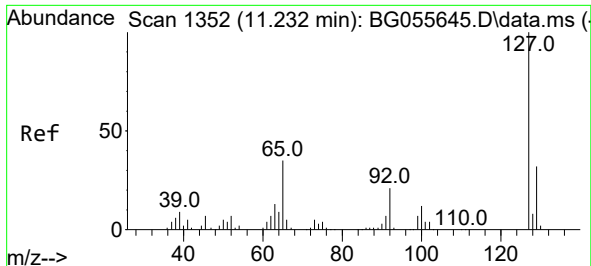
Tgt Ion:128 Resp: 315985
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 26.724 ng
RT: 10.357 min Scan# 1203
Delta R.T. 0.011 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:122 Resp: 48878
Ion Ratio Lower Upper
122 100
105 127.5 104.3 144.3
77 97.2 79.9 119.9

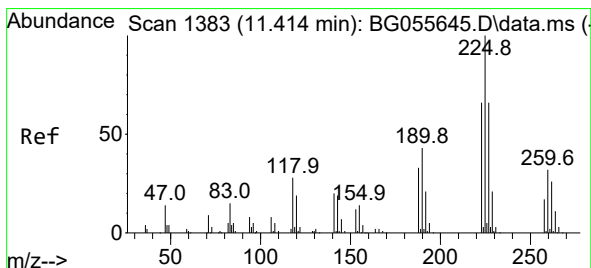
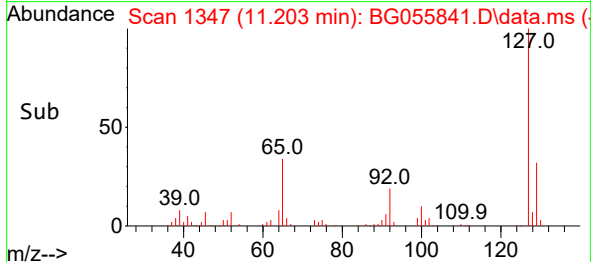
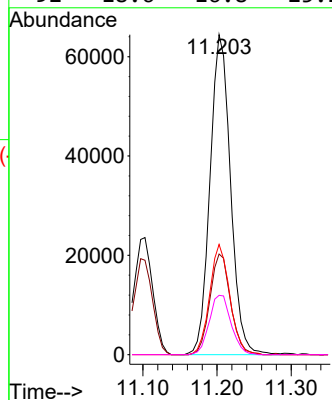
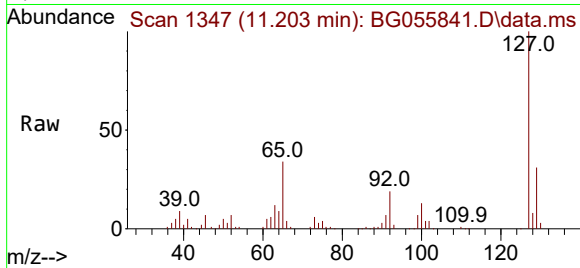




#33
4-Chloroaniline
Concen: 34.712 ng
RT: 11.203 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

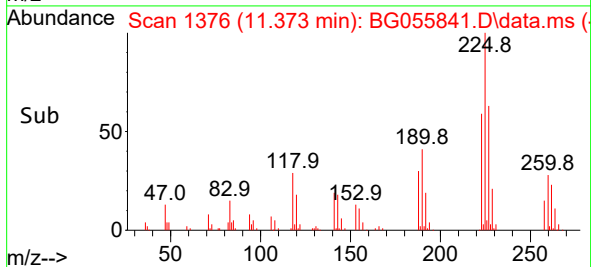
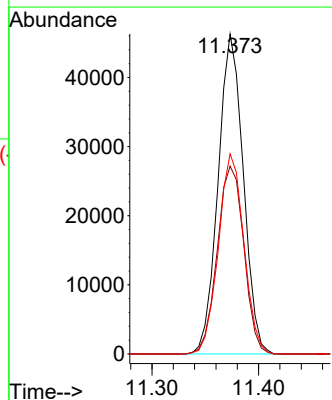
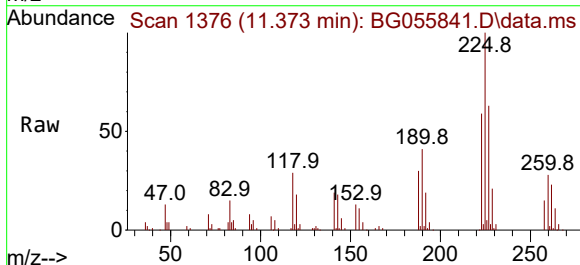
Instrument :
BNA_G
ClientSampleId :
PB149322BS

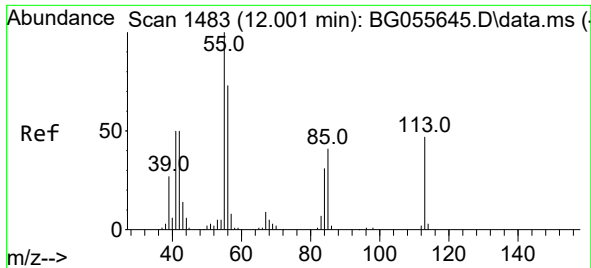
Tgt Ion:127	Resp:	123935
Ion Ratio	Lower	Upper
127	100	
129	31.5	25.9 38.9
65	34.5	27.9 41.9
92	18.6	16.8 25.2



#34
Hexachlorobutadiene
Concen: 35.911 ng
RT: 11.373 min Scan# 1376
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:225	Resp:	75802
Ion Ratio	Lower	Upper
225	100	
223	58.7	52.9 79.3
227	62.6	52.6 79.0

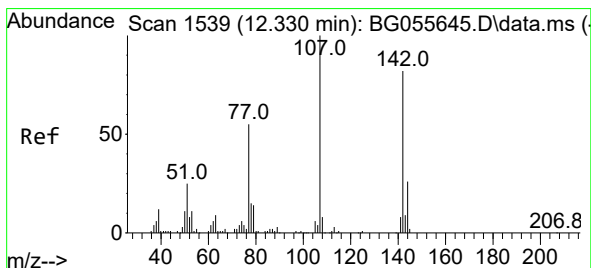
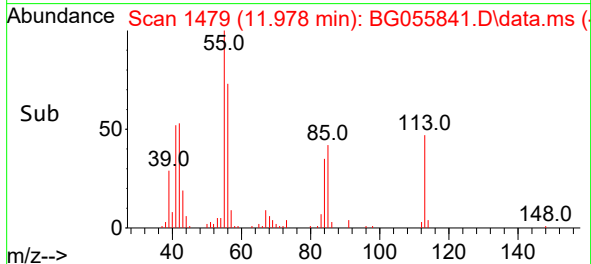
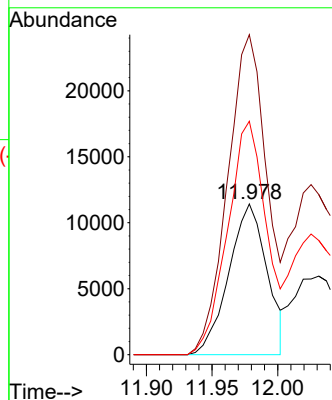
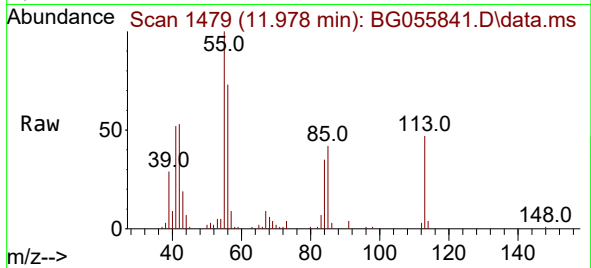




#35
 Caprolactam
 Concen: 25.113 ng
 RT: 11.978 min Scan# 1483
 Delta R.T. 0.005 min
 Lab File: BG055841.D
 Acq: 30 Nov 2022 13:11

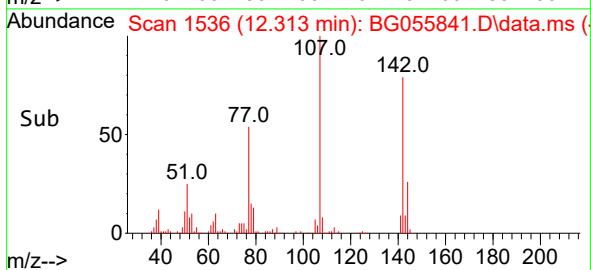
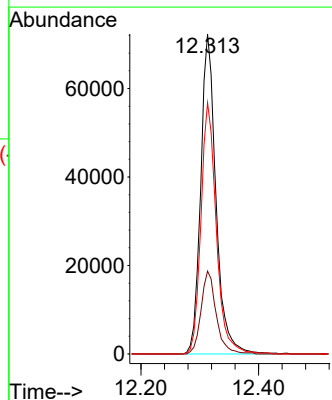
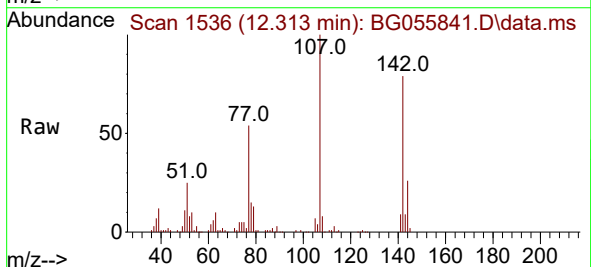
Instrument :
 BNA_G
 ClientSampleId :
 PB149322BS

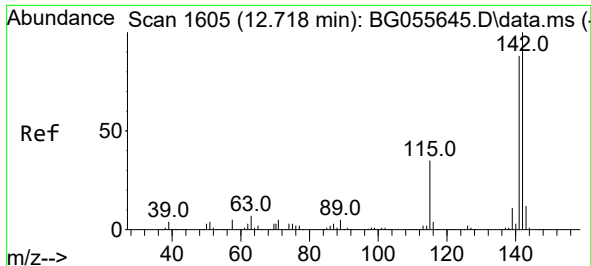
Tgt Ion:113 Resp: 23124
 Ion Ratio Lower Upper
 113 100
 55 212.3 193.5 233.5
 56 154.9 135.2 175.2



#36
 4-Chloro-3-methylphenol
 Concen: 44.463 ng
 RT: 12.313 min Scan# 1536
 Delta R.T. -0.001 min
 Lab File: BG055841.D
 Acq: 30 Nov 2022 13:11

Tgt Ion:107 Resp: 130033
 Ion Ratio Lower Upper
 107 100
 144 25.9 21.0 31.4
 142 78.5 65.9 98.9

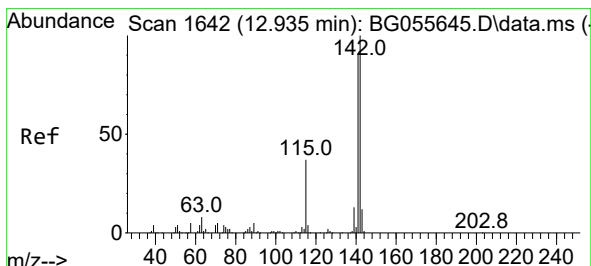
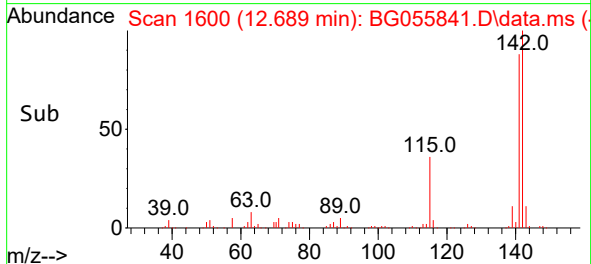
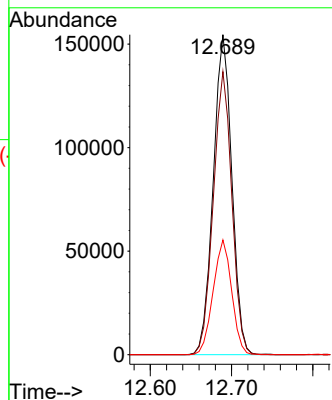
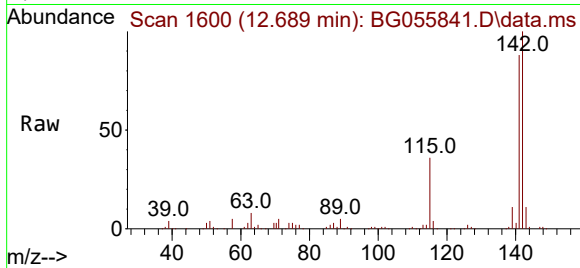




#37
2-Methylnaphthalene
Concen: 37.989 ng
RT: 12.689 min Scan# 1600
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

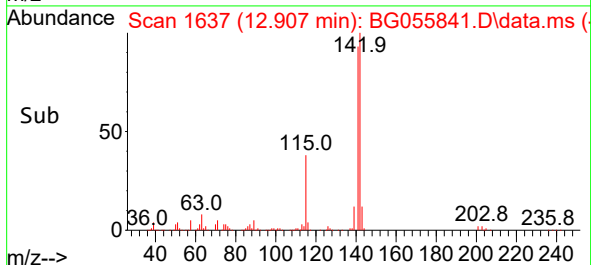
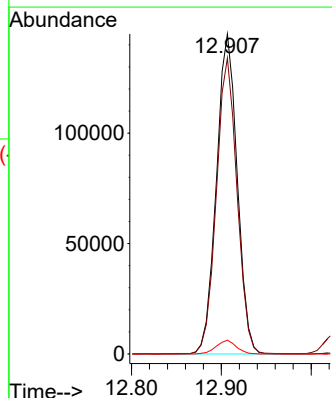
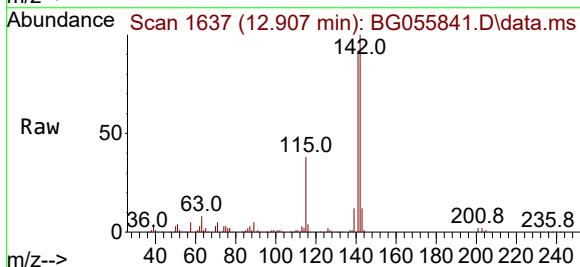
Instrument :
BNA_G
ClientSampleId :
PB149322BS

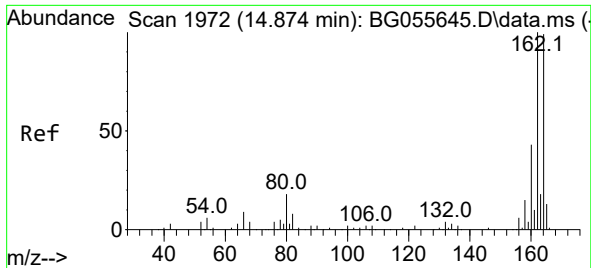
Tgt Ion:142 Resp: 246192
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5
115 35.9 27.9 41.9



#38
1-Methylnaphthalene
Concen: 37.079 ng
RT: 12.907 min Scan# 1637
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:142 Resp: 233275
Ion Ratio Lower Upper
142 100
141 92.4 73.0 109.4
116 4.3 3.1 4.7

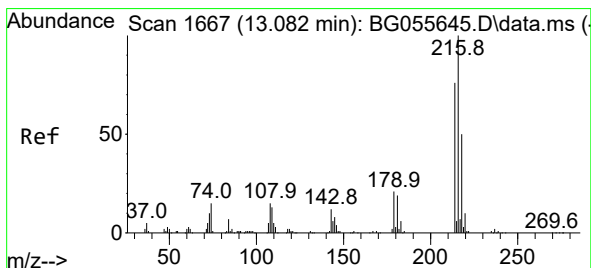
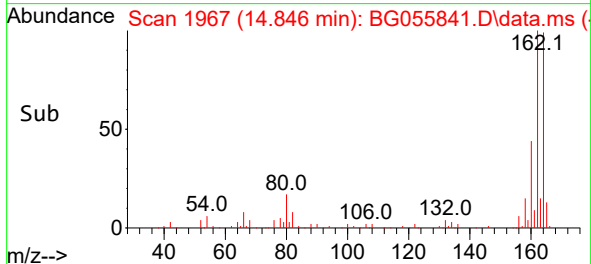
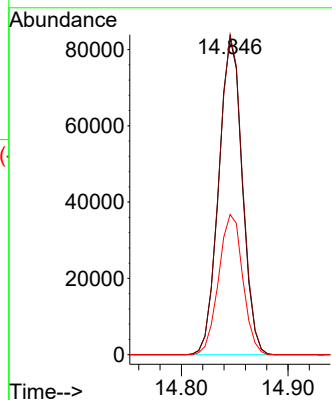
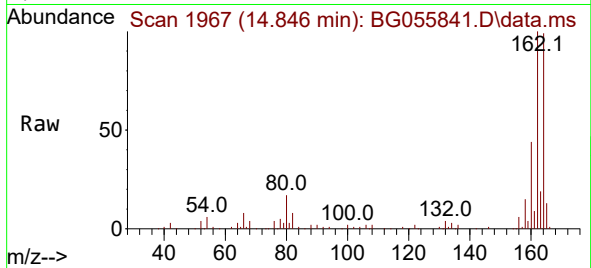




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.846 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

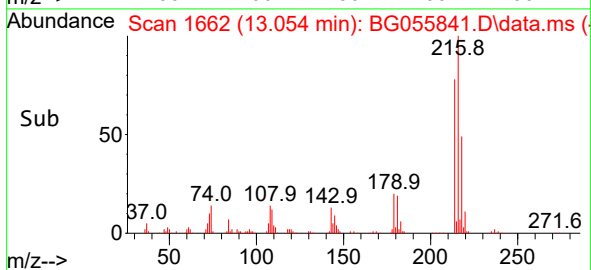
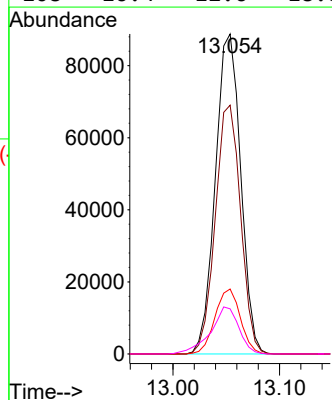
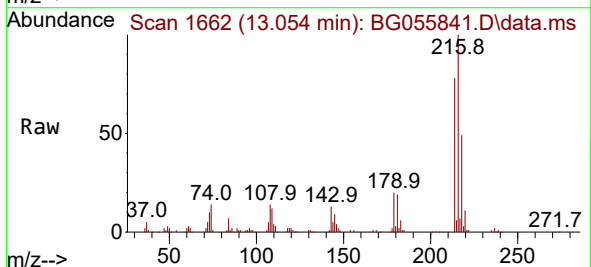
Instrument :
BNA_G
ClientSampleId :
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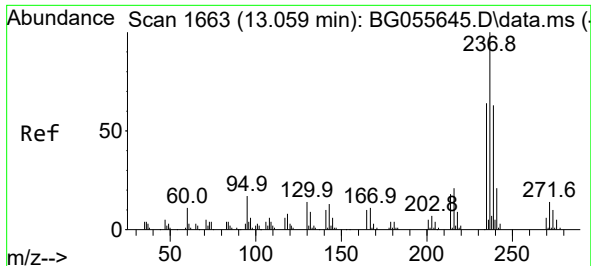
Tgt Ion:164 Resp: 126994
Ion Ratio Lower Upper
164 100
162 101.0 81.1 121.7
160 44.2 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.730 ng
RT: 13.054 min Scan# 1662
Delta R.T. 0.005 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:216 Resp: 146585
Ion Ratio Lower Upper
216 100
214 77.6 62.1 93.1
179 20.3 16.5 24.7
108 16.4 12.6 18.8

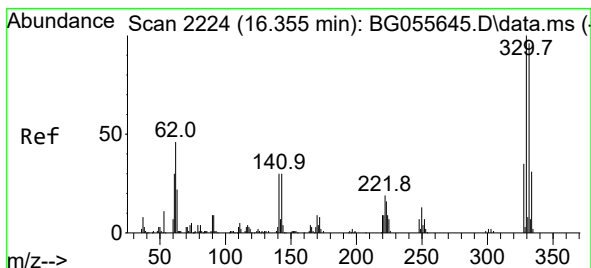
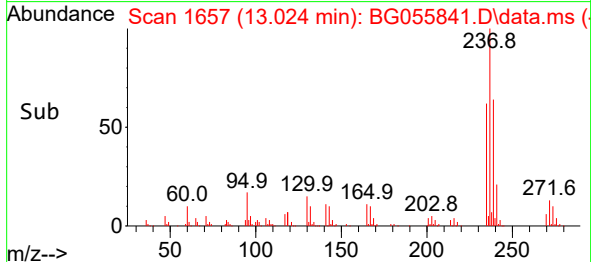
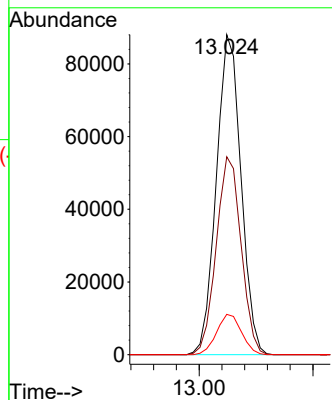
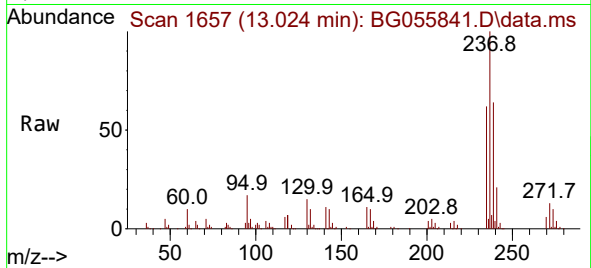




#41
Hexachlorocyclopentadiene
Concen: 65.891 ng
RT: 13.024 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

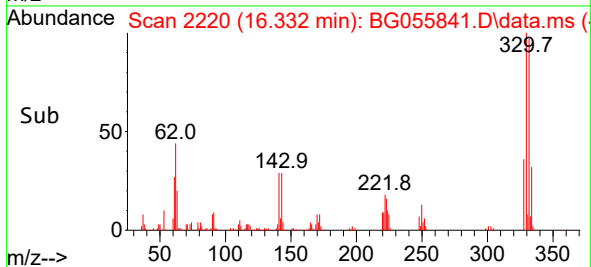
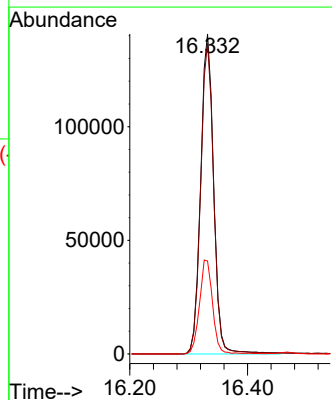
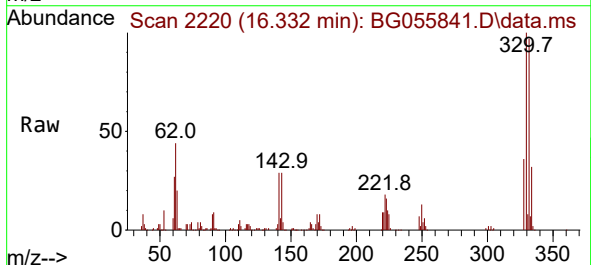
Instrument :
BNA_G
ClientSampleId :
PB149322BS

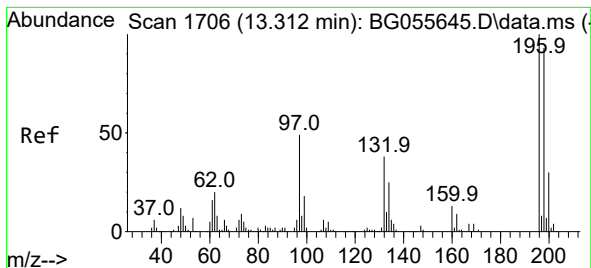
Tgt Ion:237 Resp: 132533
Ion Ratio Lower Upper
237 100
235 61.9 43.7 83.7
272 12.6 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 121.093 ng
RT: 16.332 min Scan# 2220
Delta R.T. 0.005 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:330 Resp: 216543
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 29.7 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 37.295 ng

RT: 13.289 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

Instrument :

BNA_G

ClientSampleId :

PB149322BS

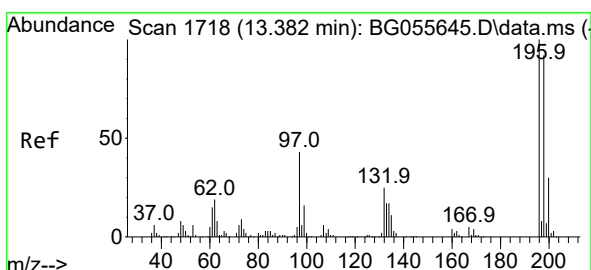
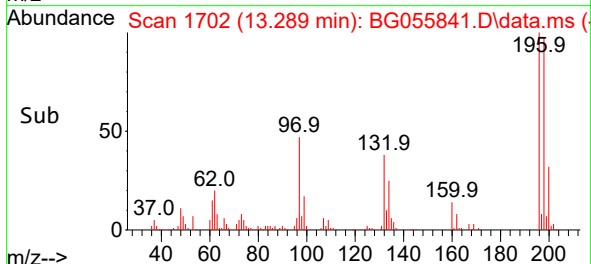
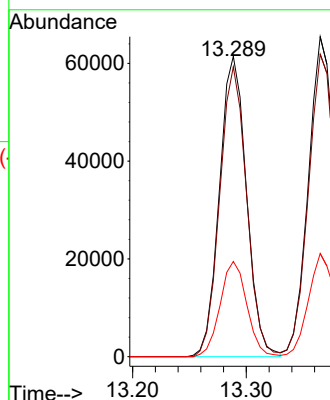
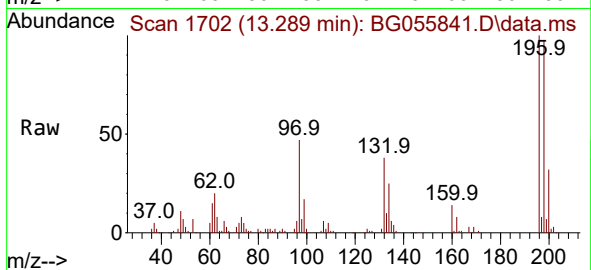
Tgt Ion:196 Resp: 101529

Ion Ratio Lower Upper

196 100

198 96.5 74.6 112.0

200 31.7 23.7 35.5



#44

2,4,5-Trichlorophenol

Concen: 37.503 ng

RT: 13.365 min Scan# 1715

Delta R.T. -0.001 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

Tgt Ion:196 Resp: 112196

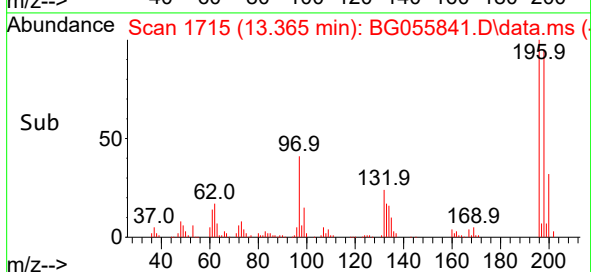
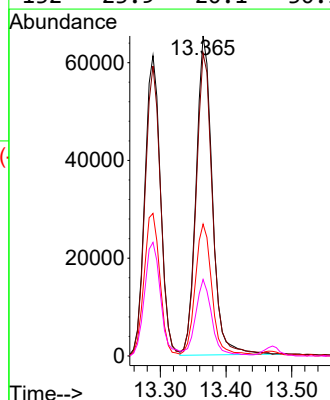
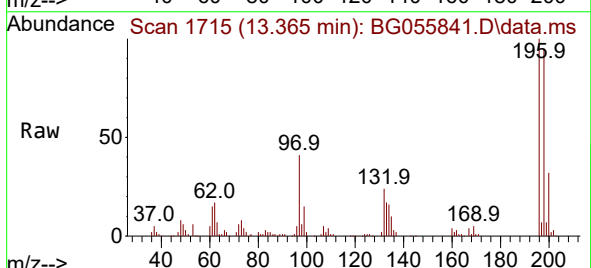
Ion Ratio Lower Upper

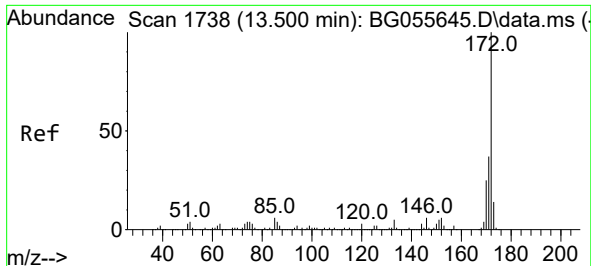
196 100

198 94.5 74.1 111.1

97 41.2 34.8 52.2

132 23.9 20.1 30.1

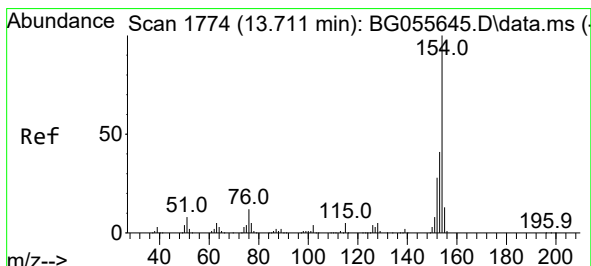
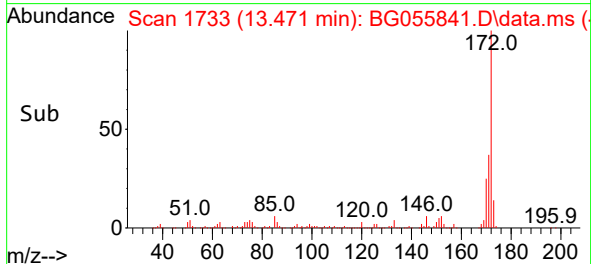
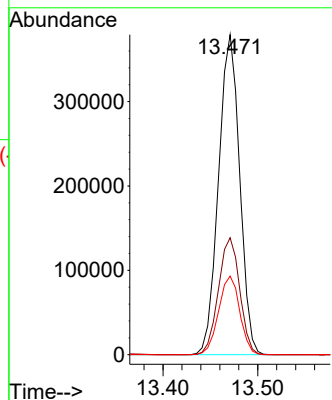
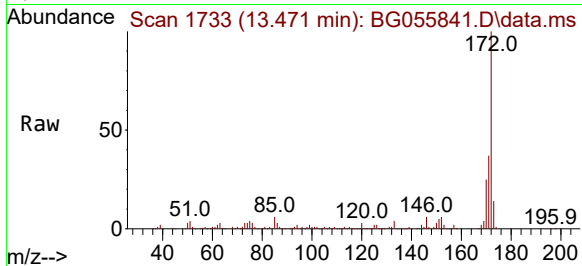




#45
2-Fluorobiphenyl
Concen: 69.302 ng
RT: 13.471 min Scan# 1769
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

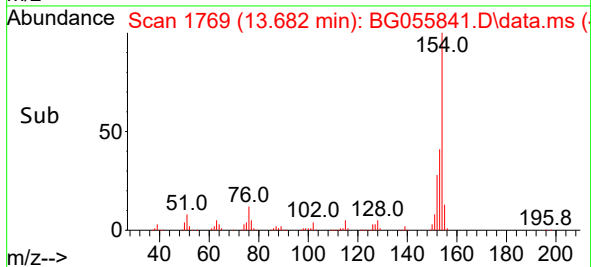
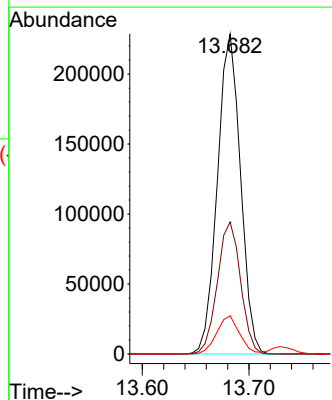
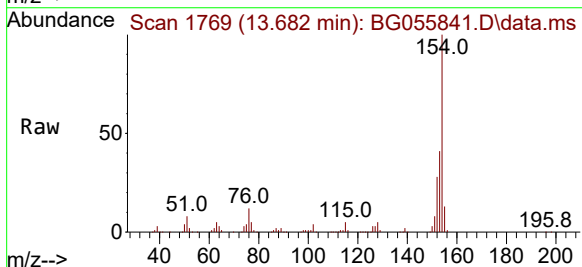
Instrument :
BNA_G
ClientSampleId :
PB149322BS

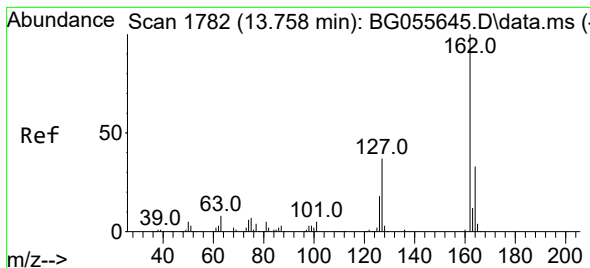
Tgt Ion:172 Resp: 587459
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 24.6 20.2 30.4



#46
1,1'-Biphenyl
Concen: 37.067 ng
RT: 13.682 min Scan# 1769
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:154 Resp: 343031
Ion Ratio Lower Upper
154 100
153 41.3 20.6 60.6
76 12.0 0.0 32.4





#47

2-Chloronaphthalene

Concen: 36.383 ng

RT: 13.729 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

Instrument :

BNA_G

ClientSampleId :

PB149322BS

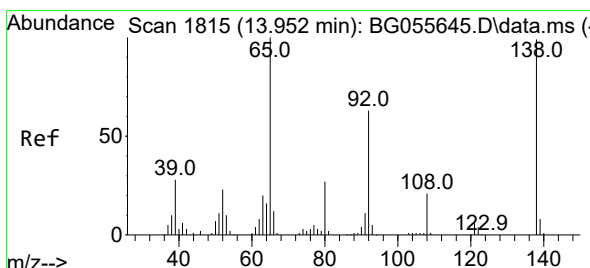
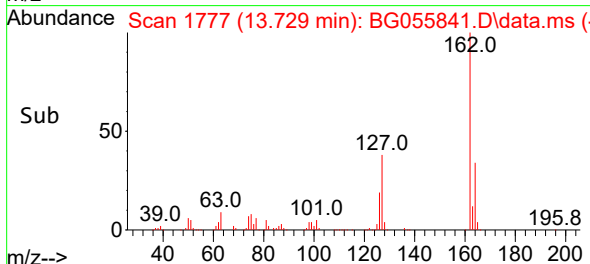
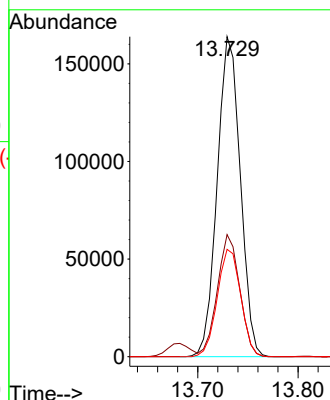
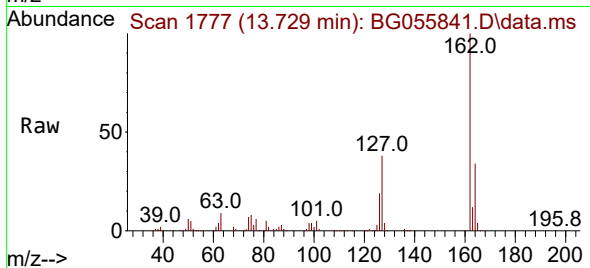
Tgt Ion:162 Resp: 261703

Ion Ratio Lower Upper

162 100

127 38.1 29.9 44.9

164 33.6 26.4 39.6



#48

2-Nitroaniline

Concen: 40.129 ng

RT: 13.929 min Scan# 1811

Delta R.T. -0.001 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

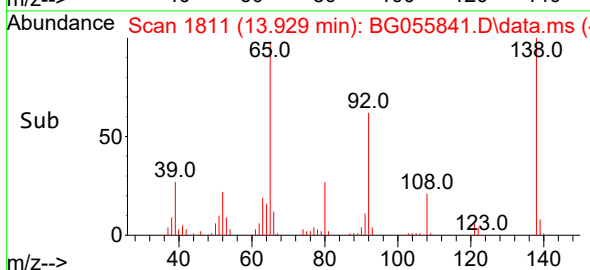
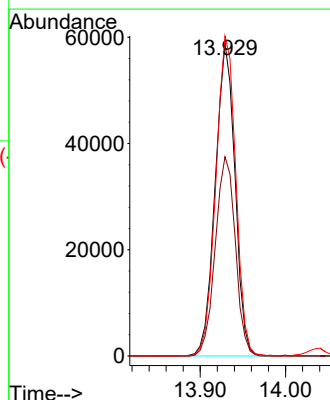
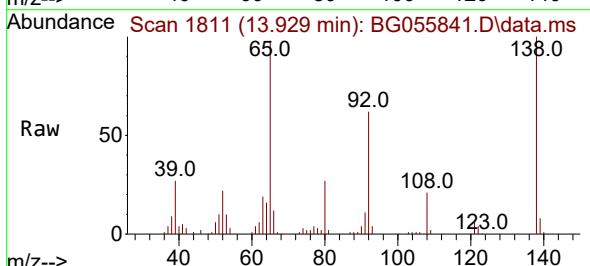
Tgt Ion: 65 Resp: 94900

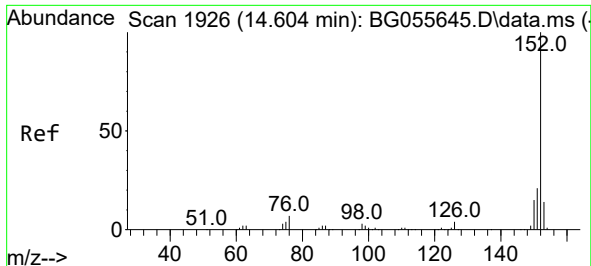
Ion Ratio Lower Upper

65 100

92 63.7 50.1 75.1

138 102.3 79.4 119.0

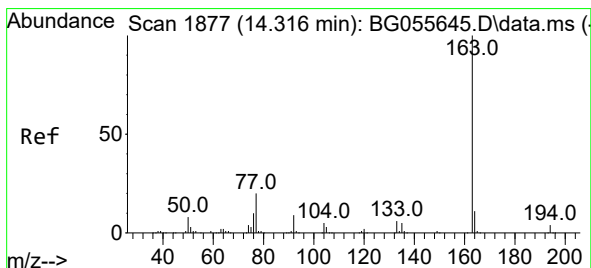
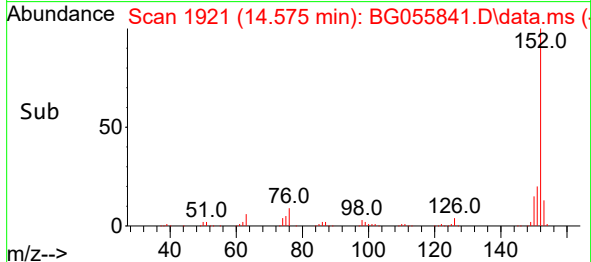
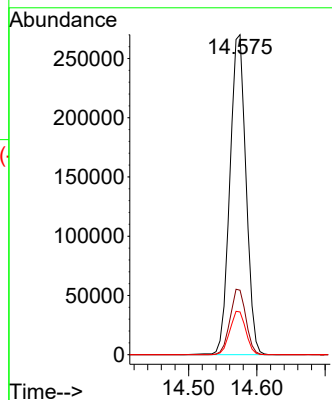
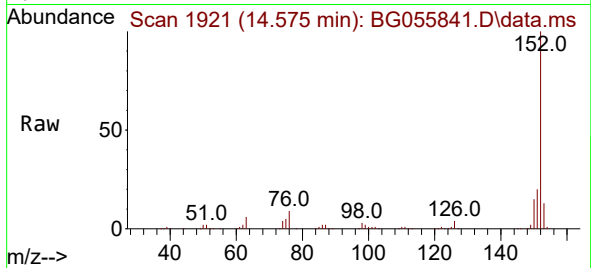




#49
Acenaphthylene
Concen: 37.407 ng
RT: 14.575 min Scan# 1921
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

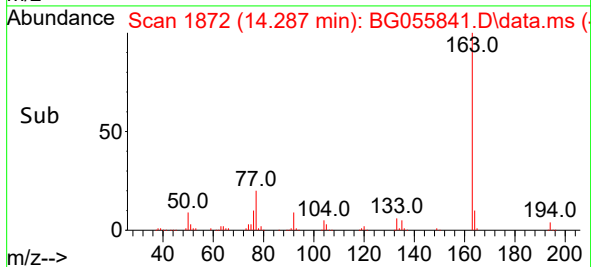
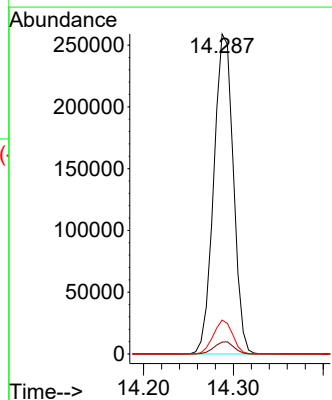
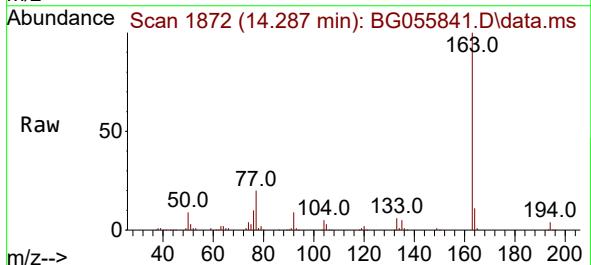
Instrument :
BNA_G
ClientSampleId :
PB149322BS

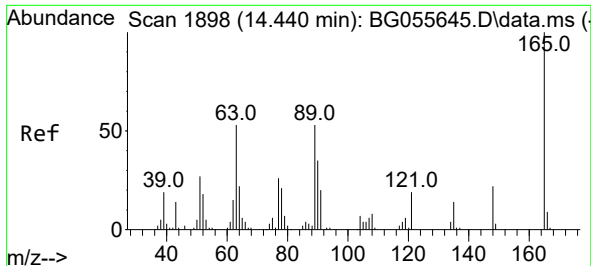
Tgt Ion:152 Resp: 443082
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.4 11.0 16.4



#50
Dimethylphthalate
Concen: 38.688 ng
RT: 14.287 min Scan# 1872
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:163 Resp: 391652
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.6 8.6 12.8

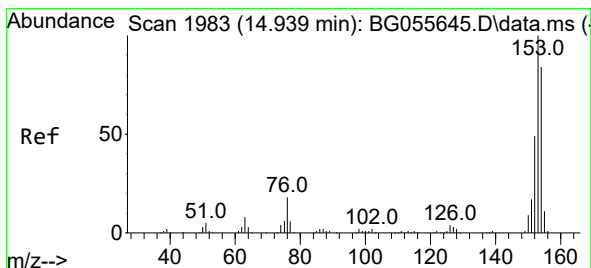
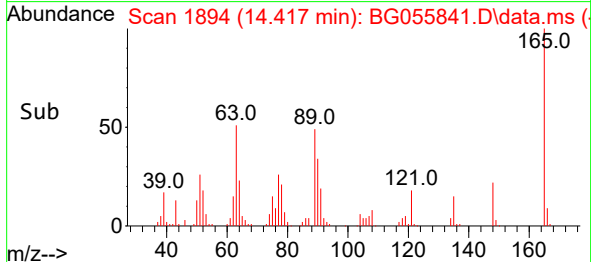
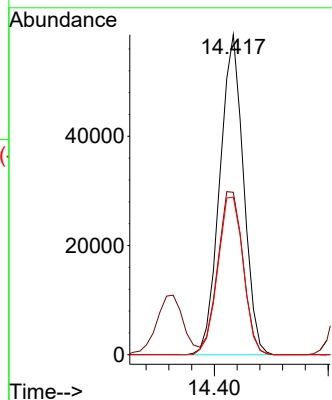
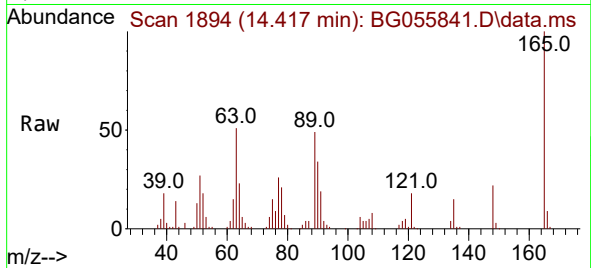




#51
2,6-Dinitrotoluene
Concen: 40.969 ng
RT: 14.417 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

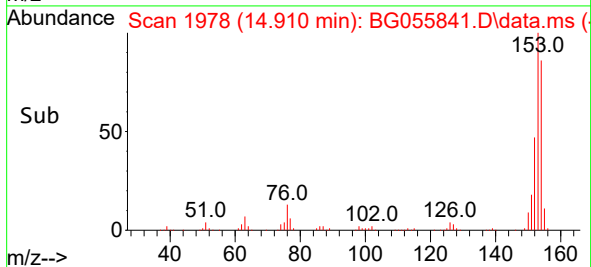
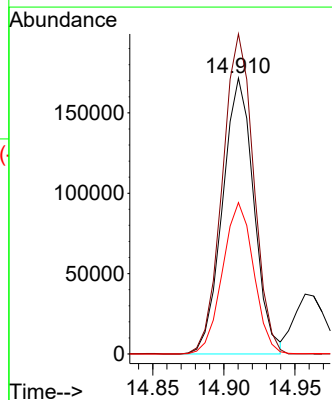
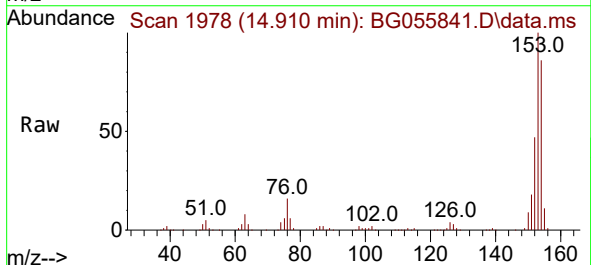
Instrument :
BNA_G
ClientSampleId :
PB149322BS

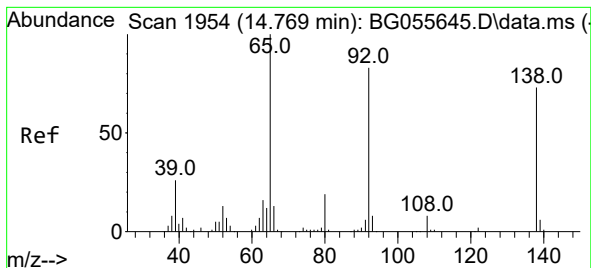
Tgt Ion:165 Resp: 84802
Ion Ratio Lower Upper
165 100
63 50.8 44.6 66.8
89 49.2 42.2 63.4



#52
Acenaphthene
Concen: 34.033 ng
RT: 14.910 min Scan# 1978
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:154 Resp: 263466
Ion Ratio Lower Upper
154 100
153 116.0 95.0 142.4
152 54.9 46.1 69.1





#53

3-Nitroaniline

Concen: 32.363 ng

RT: 14.752 min Scan# 1951

Delta R.T. 0.005 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

Instrument :

BNA_G

ClientSampleId :

PB149322BS

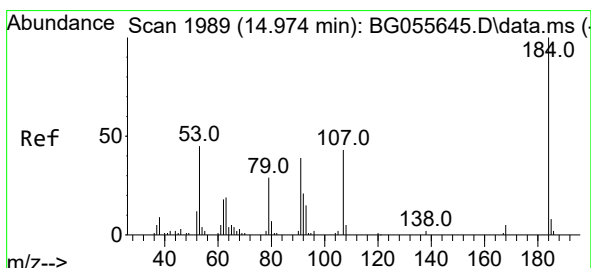
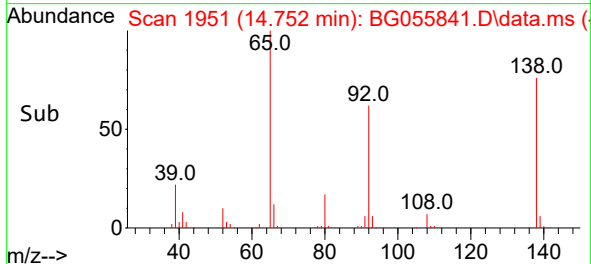
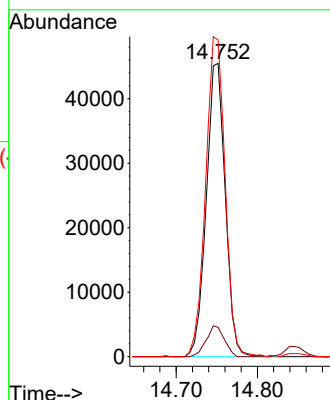
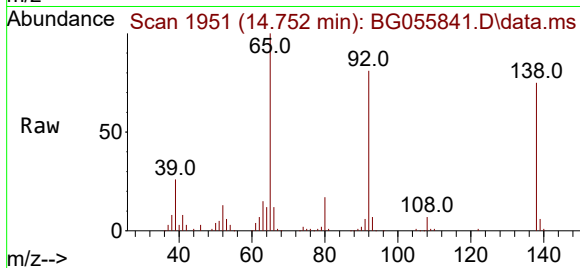
Tgt Ion:138 Resp: 73538

Ion Ratio Lower Upper

138 100

108 10.0 8.5 12.7

92 108.0 91.0 136.6



#54

2,4-Dinitrophenol

Concen: 86.214 ng

RT: 14.957 min Scan# 1986

Delta R.T. -0.001 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

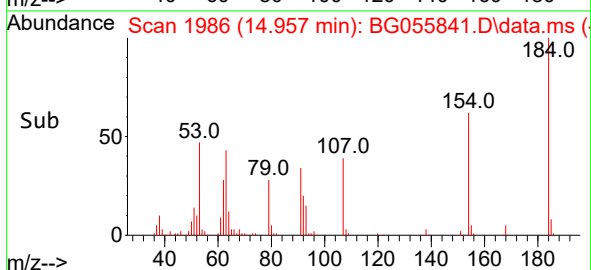
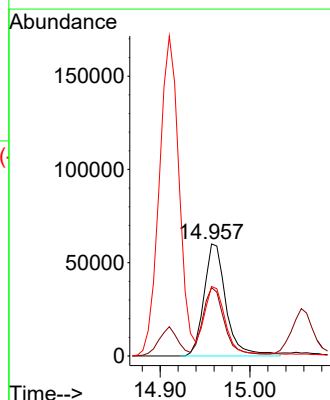
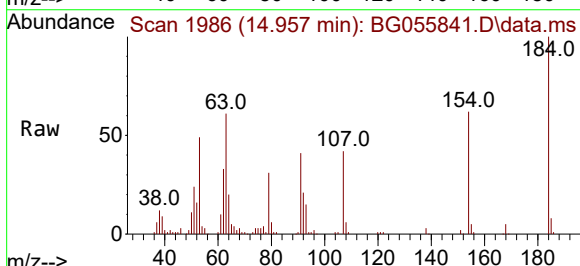
Tgt Ion:184 Resp: 102605

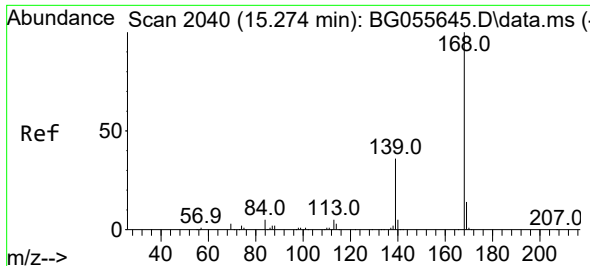
Ion Ratio Lower Upper

184 100

63 61.0 49.5 74.3

154 62.0 52.0 78.0

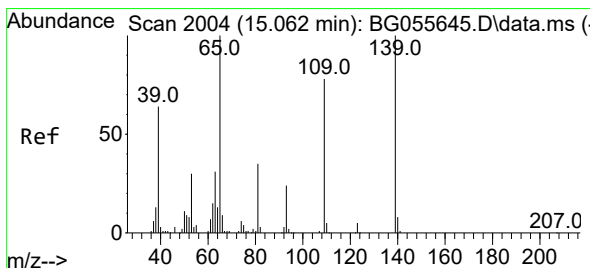
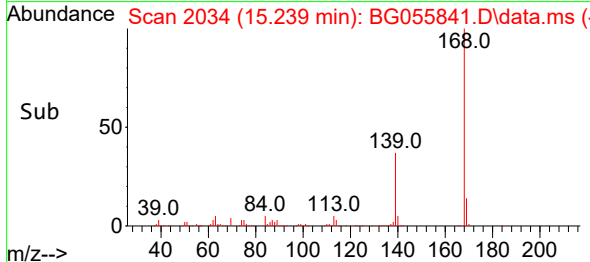
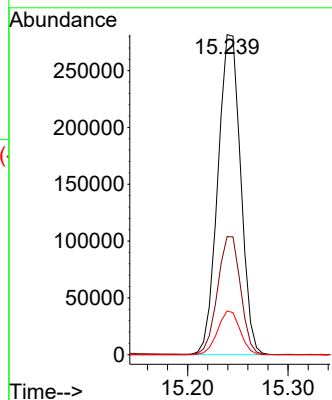
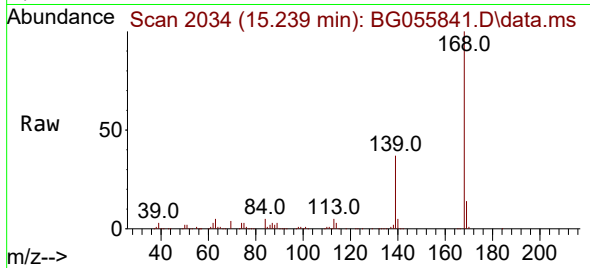




#55
Dibenzofuran
Concen: 37.202 ng
RT: 15.239 min Scan# 2003
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

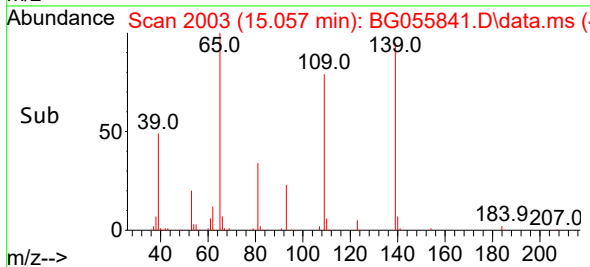
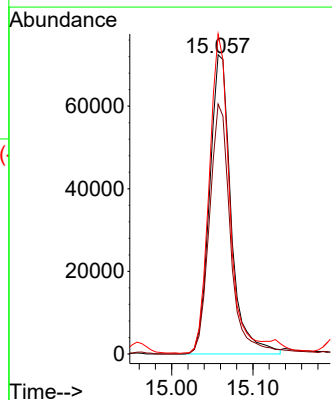
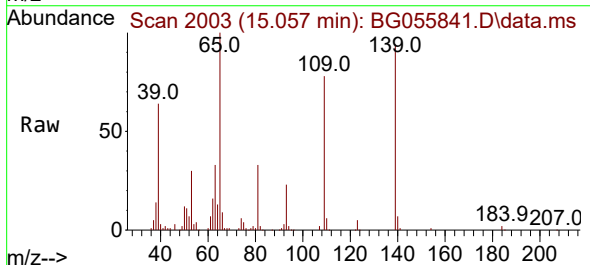
Instrument :
BNA_G
ClientSampleId :
PB149322BS

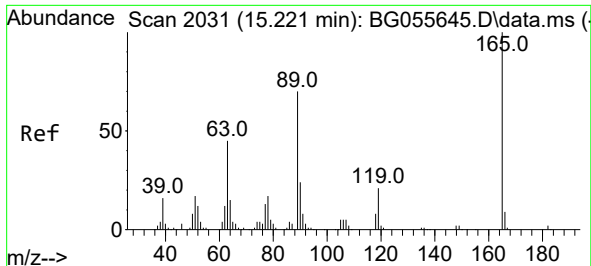
Tgt Ion:168 Resp: 444283
Ion Ratio Lower Upper
168 100
139 36.9 28.8 43.2
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 74.462 ng
RT: 15.057 min Scan# 2003
Delta R.T. 0.005 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:139 Resp: 132796
Ion Ratio Lower Upper
139 100
109 83.5 58.6 98.6
65 106.9 80.5 120.5

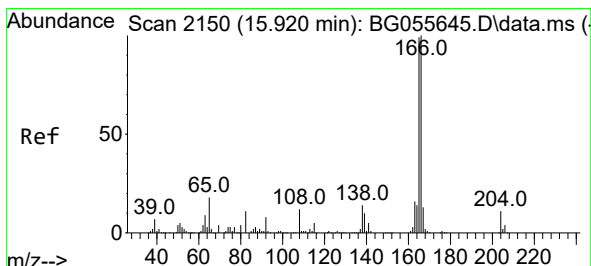
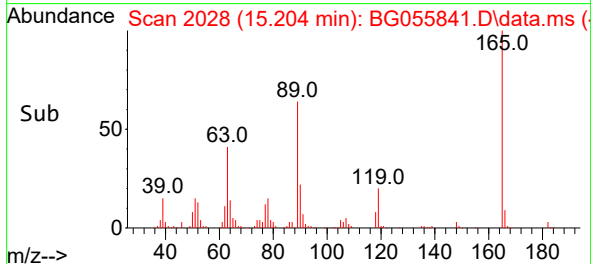
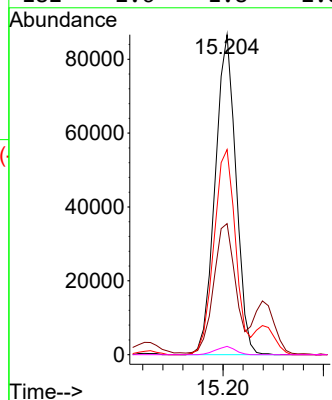
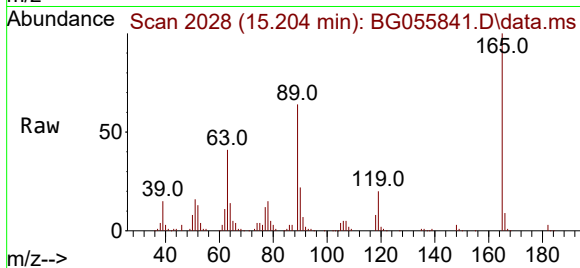




#57
2,4-Dinitrotoluene
Concen: 42.623 ng
RT: 15.204 min Scan# 2031
Delta R.T. 0.005 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

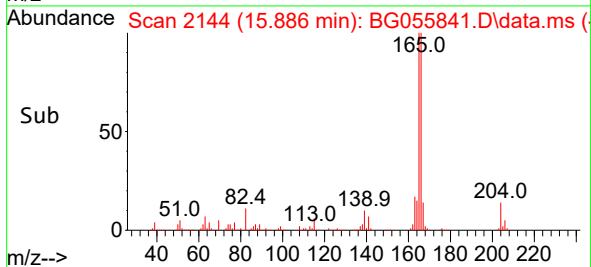
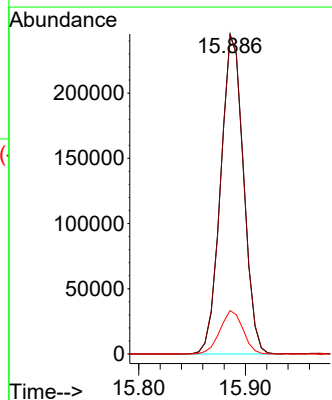
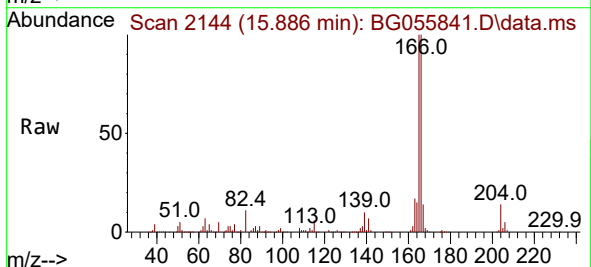
Instrument :
BNA_G
ClientSampleId :
PB149322BS

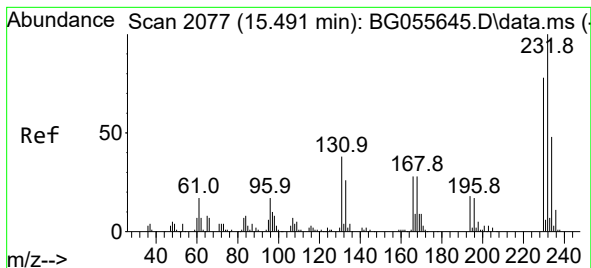
Tgt Ion:165 Resp: 124392
Ion Ratio Lower Upper
165 100
63 40.9 35.8 53.8
89 64.1 56.2 84.4
182 2.6 1.8 2.8



#58
Fluorene
Concen: 37.980 ng
RT: 15.886 min Scan# 2144
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:166 Resp: 362266
Ion Ratio Lower Upper
166 100
165 99.6 79.3 118.9
167 13.5 10.6 15.8

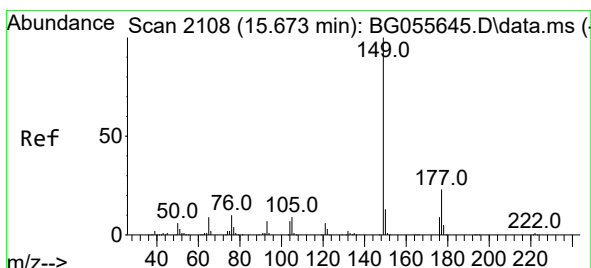
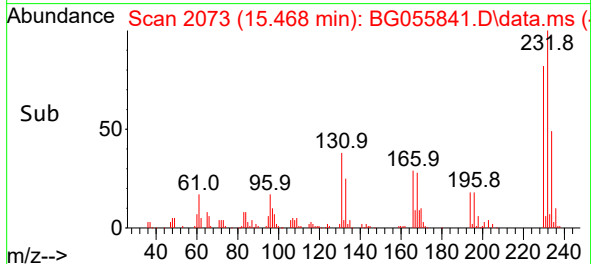
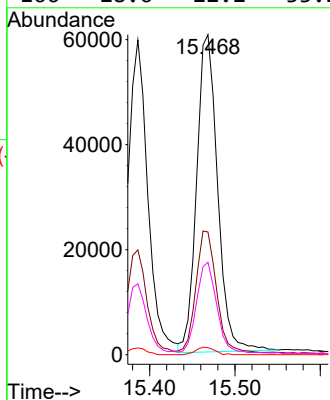
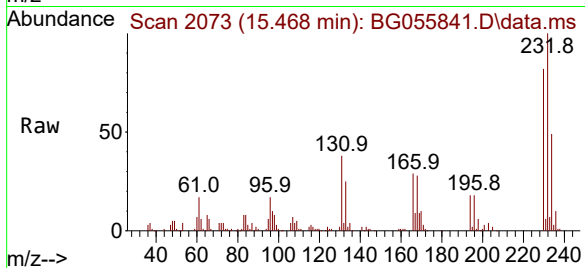




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.597 ng
RT: 15.468 min Scan# 2073
Delta R.T. 0.005 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

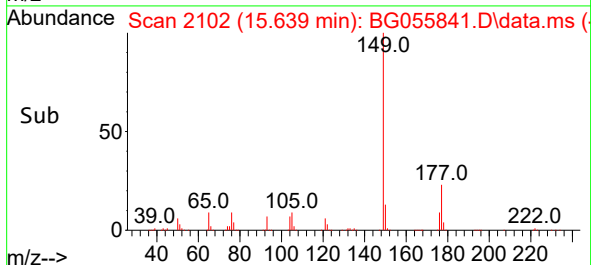
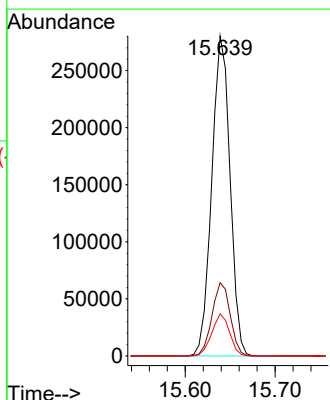
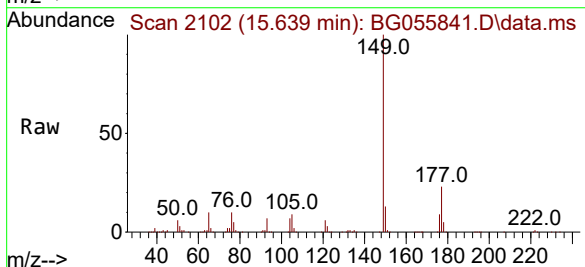
Instrument :
BNA_G
ClientSampleId :
PB149322BS

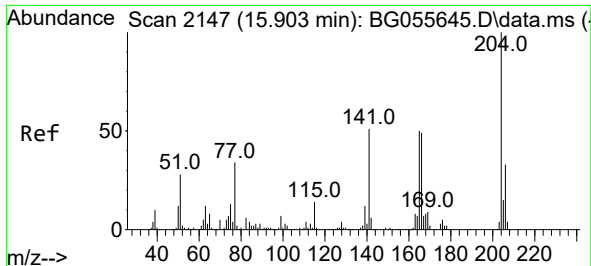
Tgt Ion:232 Resp: 103186
Ion Ratio Lower Upper
232 100
131 38.0 29.8 44.8
130 2.1 1.7 2.5
166 28.6 22.2 33.2



#60
Diethylphthalate
Concen: 38.651 ng
RT: 15.639 min Scan# 2102
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:149 Resp: 395600
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 13.1 10.0 15.0

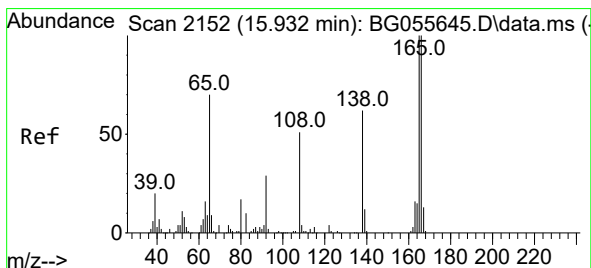
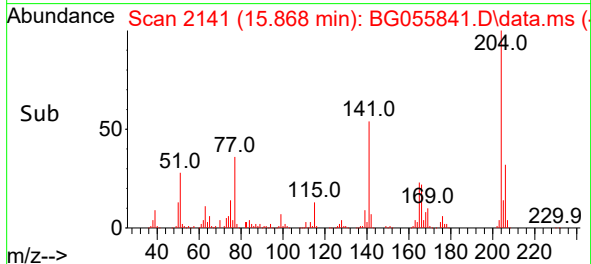
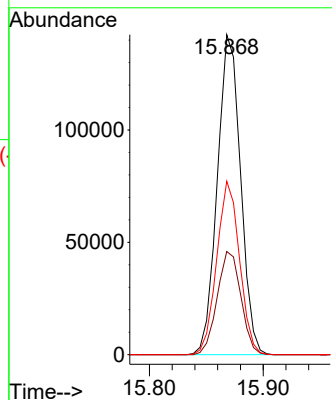
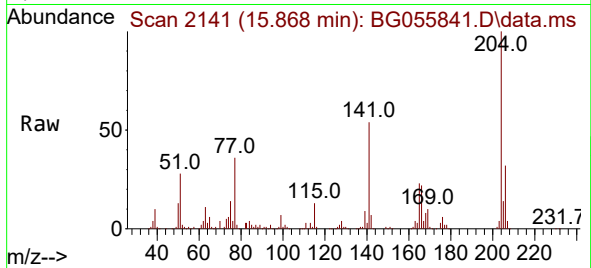




#61
4-Chlorophenyl-phenylether
Concen: 38.540 ng
RT: 15.868 min Scan# 2147
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

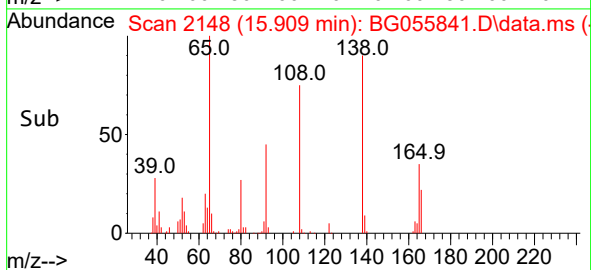
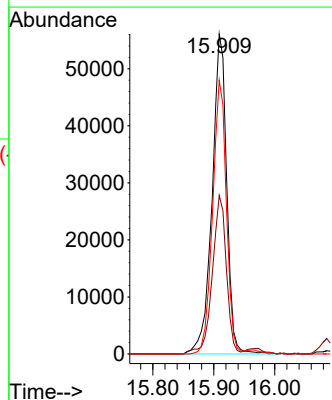
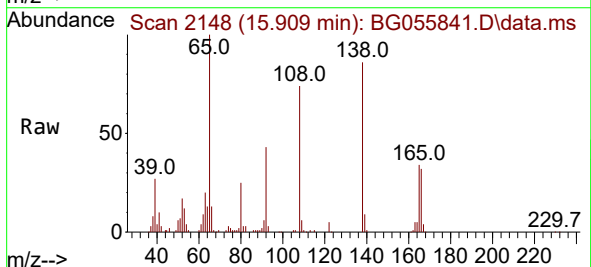
Instrument :
BNA_G
ClientSampleId :
PB149322BS

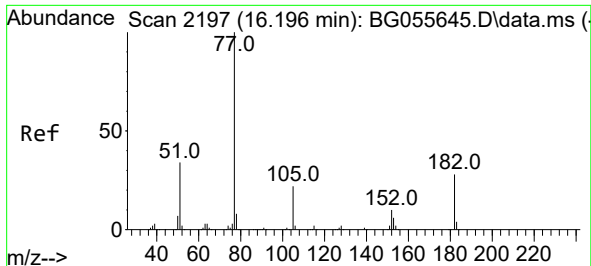
Tgt Ion:204 Resp: 202071
Ion Ratio Lower Upper
204 100
206 32.2 26.6 40.0
141 54.2 40.6 61.0



#62
4-Nitroaniline
Concen: 39.241 ng
RT: 15.909 min Scan# 2148
Delta R.T. 0.005 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:138 Resp: 93208
Ion Ratio Lower Upper
138 100
92 49.5 27.3 67.3
108 85.6 62.8 102.8

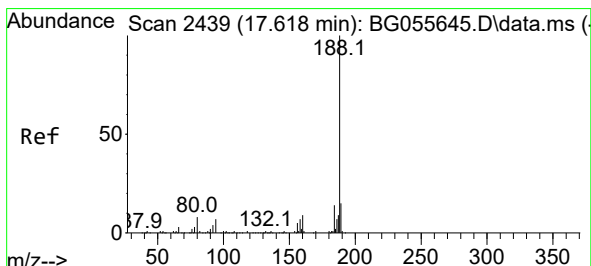
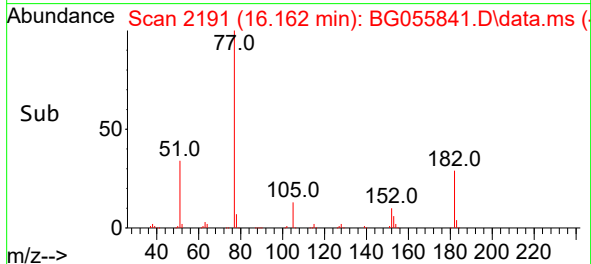
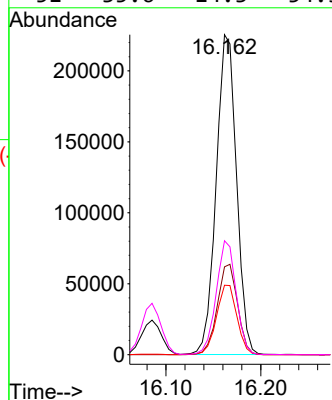
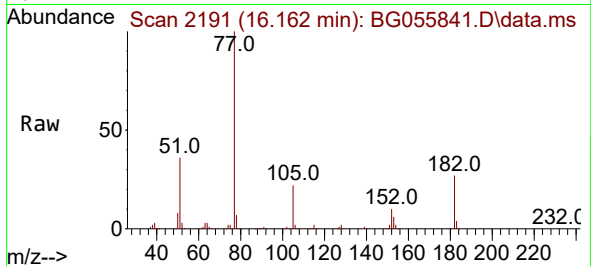




#63
Azobenzene
Concen: 37.638 ng
RT: 16.162 min Scan# 2197
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

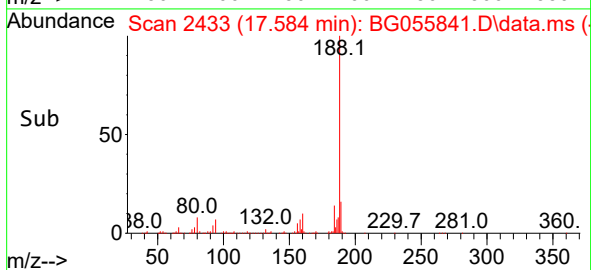
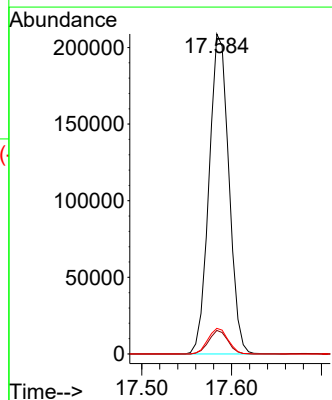
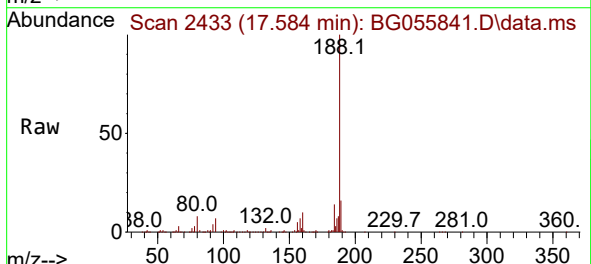
Instrument :
BNA_G
ClientSampleId :
PB149322BS

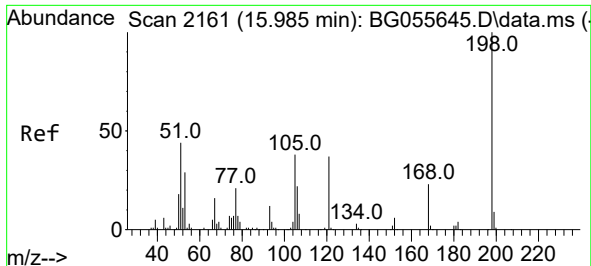
Tgt Ion: 77	Resp: 336320
Ion Ratio	Lower Upper
77 100	
182 27.5	8.1 48.1
105 21.7	1.8 41.8
51 35.6	14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.584 min Scan# 2433
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:188	Resp: 319665
Ion Ratio	Lower Upper
188 100	
94 7.4	5.4 8.2
80 8.0	6.6 10.0

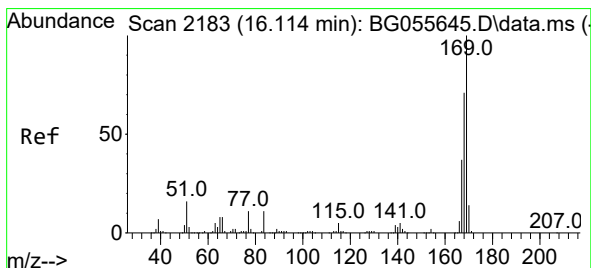
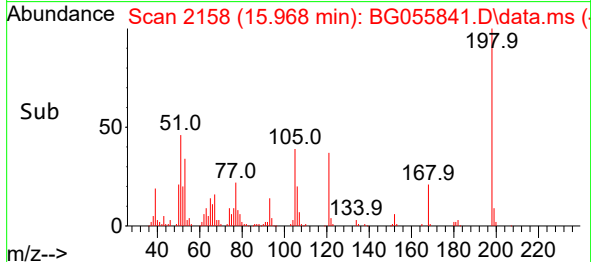
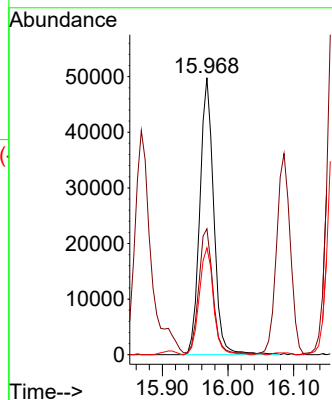
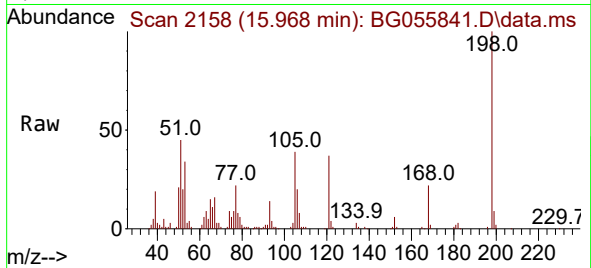




#65
4,6-Dinitro-2-methylphenol
Concen: 41.258 ng
RT: 15.968 min Scan# 2161
Delta R.T. 0.005 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

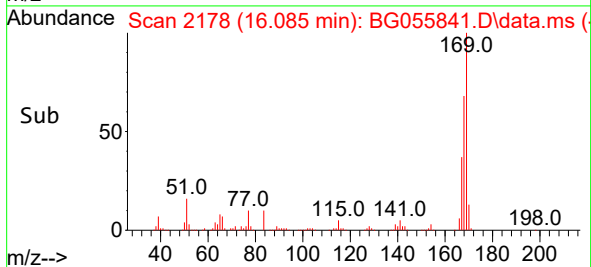
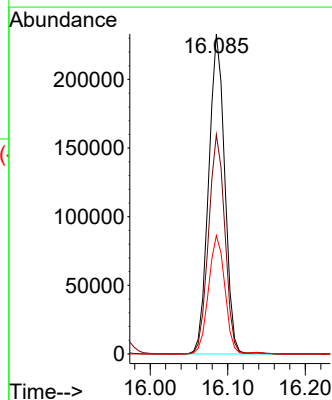
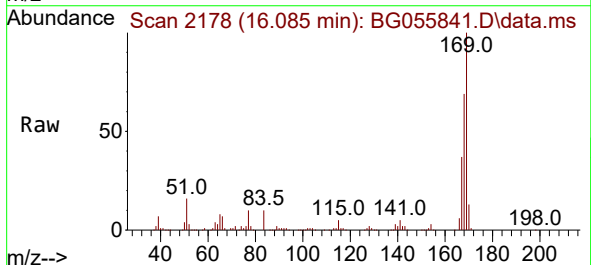
Instrument :
BNA_G
ClientSampleId :
PB149322BS

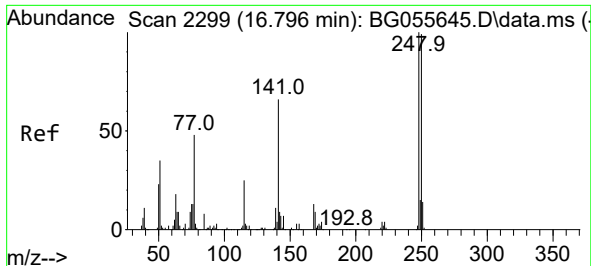
Tgt Ion:198 Resp: 73645
Ion Ratio Lower Upper
198 100
51 45.5 27.7 67.7
105 38.6 19.3 59.3



#66
n-Nitrosodiphenylamine
Concen: 38.045 ng
RT: 16.085 min Scan# 2178
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:169 Resp: 335167
Ion Ratio Lower Upper
169 100
168 68.5 56.6 85.0
167 37.0 29.9 44.9

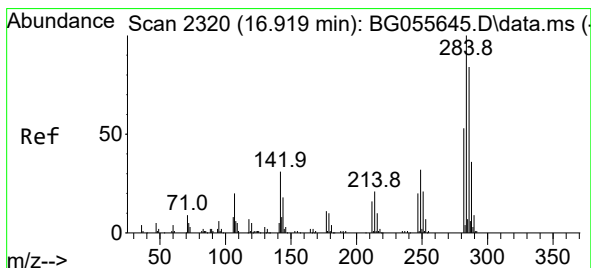
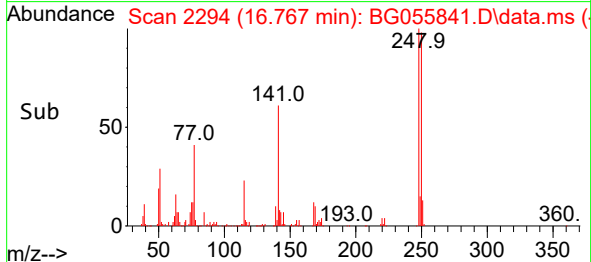
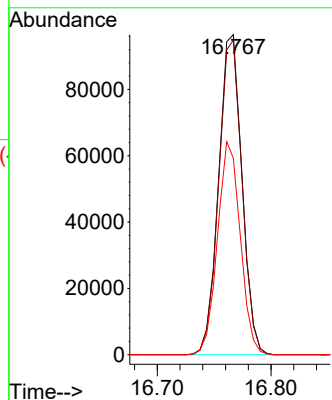
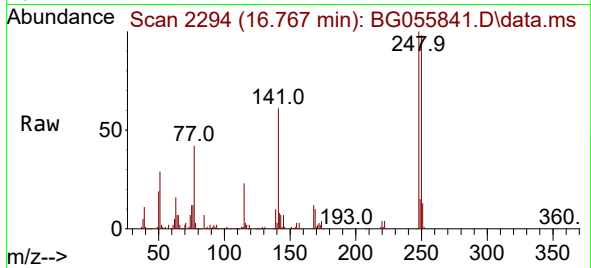




#67
4-Bromophenyl-phenylether
Concen: 37.829 ng
RT: 16.767 min Scan# 211
Delta R.T. 0.005 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

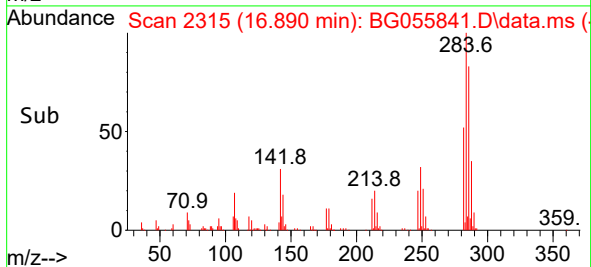
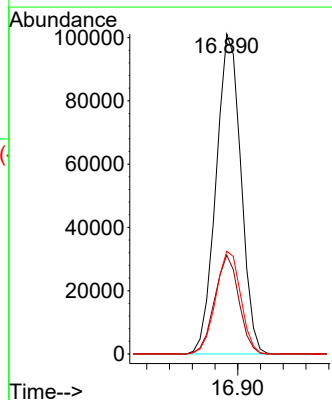
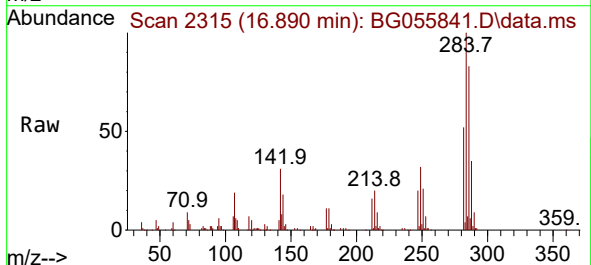
Instrument :
BNA_G
ClientSampleId :
PB149322BS

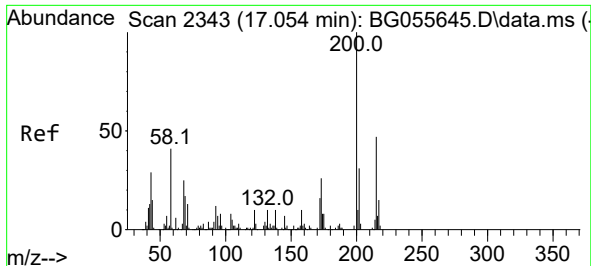
Tgt Ion:248 Resp: 137780
Ion Ratio Lower Upper
248 100
250 98.3 79.0 118.4
141 61.4 52.9 79.3



#68
Hexachlorobenzene
Concen: 38.007 ng
RT: 16.890 min Scan# 2315
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:284 Resp: 153496
Ion Ratio Lower Upper
284 100
142 30.8 24.8 37.2
249 32.1 25.7 38.5

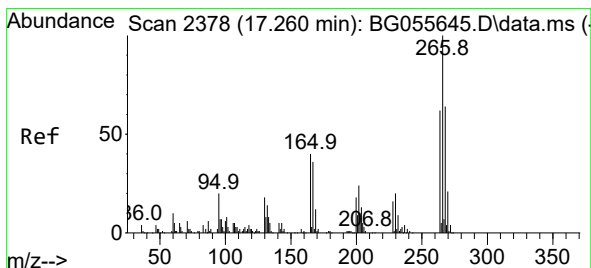
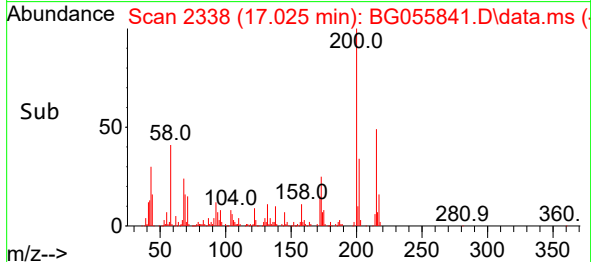
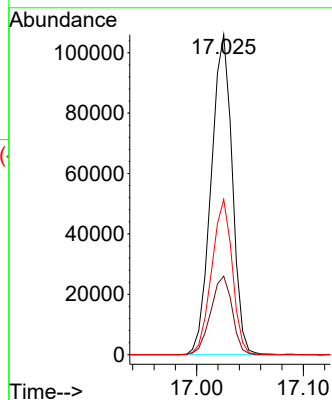
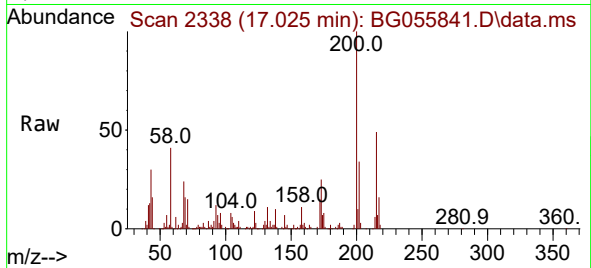




#69
 Atrazine
 Concen: 41.763 ng
 RT: 17.025 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG055841.D
 Acq: 30 Nov 2022 13:11

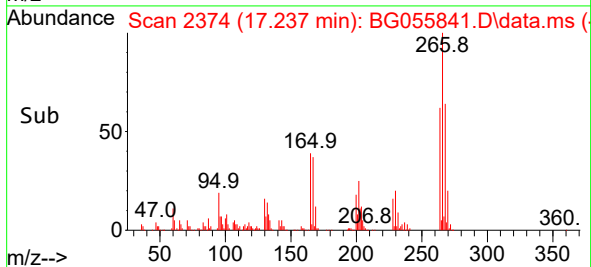
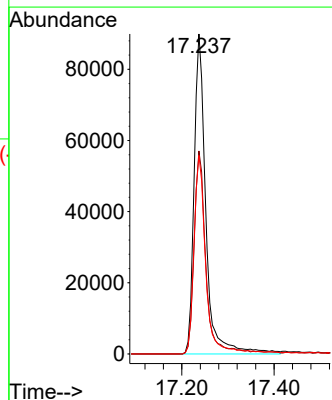
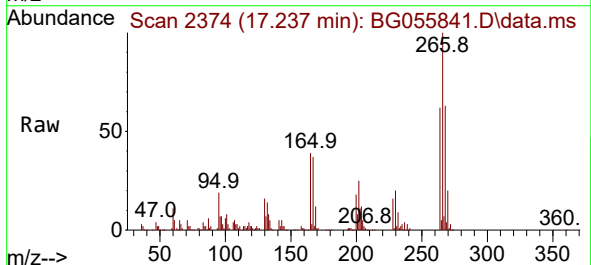
Instrument :
 BNA_G
 ClientSampleId :
 PB149322BS

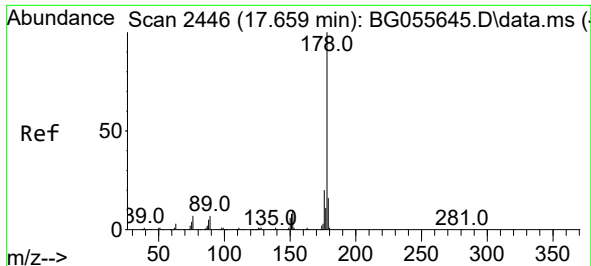
Tgt Ion:200 Resp: 145510
 Ion Ratio Lower Upper
 200 100
 173 24.5 5.6 45.6
 215 48.5 27.2 67.2



#70
 Pentachlorophenol
 Concen: 64.493 ng
 RT: 17.237 min Scan# 2374
 Delta R.T. -0.001 min
 Lab File: BG055841.D
 Acq: 30 Nov 2022 13:11

Tgt Ion:266 Resp: 159334
 Ion Ratio Lower Upper
 266 100
 268 67.8 51.2 76.8
 264 62.0 49.5 74.3

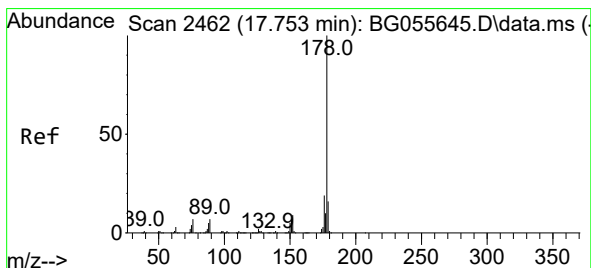
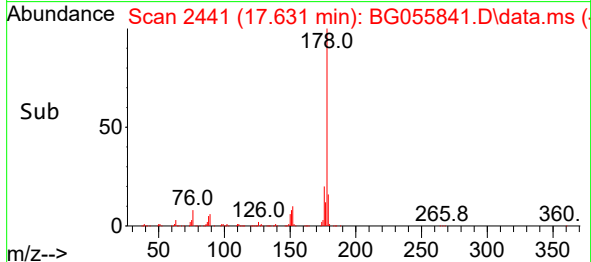
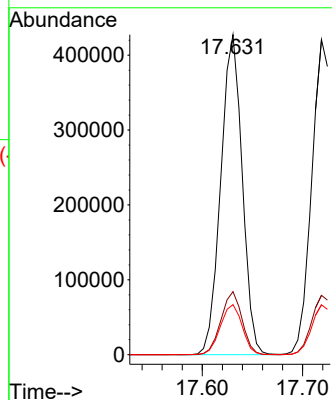
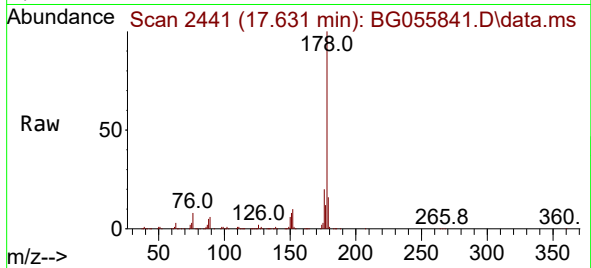




#71
Phenanthrene
Concen: 36.706 ng
RT: 17.631 min Scan# 2446
Delta R.T. 0.005 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

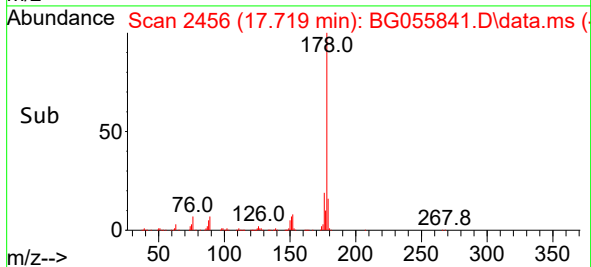
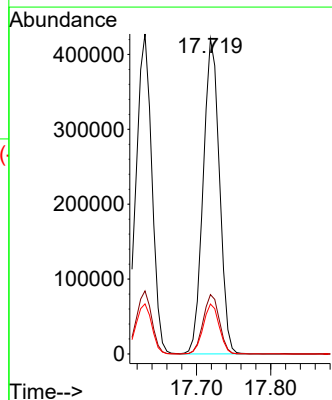
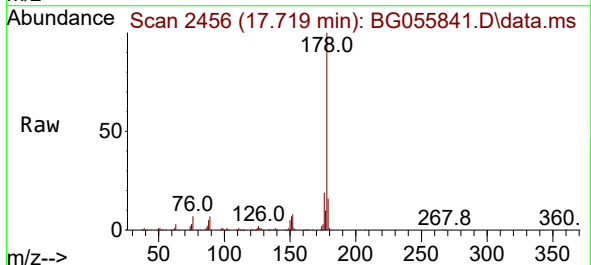
Instrument :
BNA_G
ClientSampleId :
PB149322BS

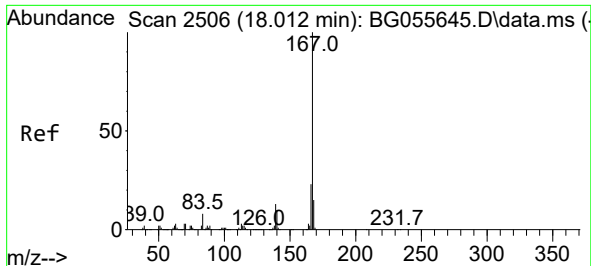
Tgt Ion:178 Resp: 633196
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.7 12.7 19.1



#72
Anthracene
Concen: 38.224 ng
RT: 17.719 min Scan# 2456
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:178 Resp: 640669
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 15.8 12.5 18.7

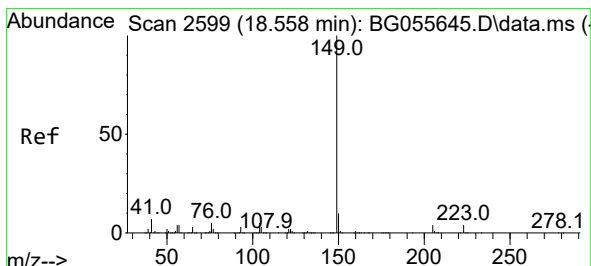
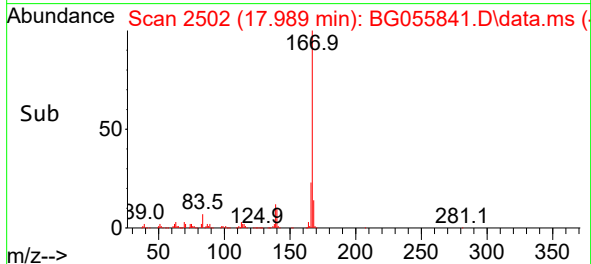
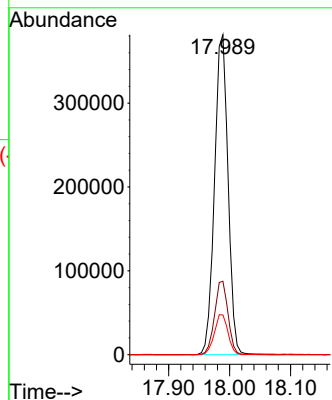
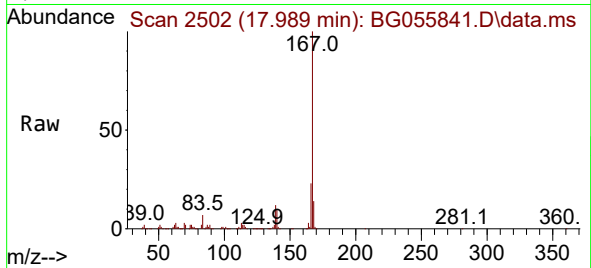




#73
 Carbazole
 Concen: 38.971 ng
 RT: 17.989 min Scan# 2502
 Delta R.T. 0.005 min
 Lab File: BG055841.D
 Acq: 30 Nov 2022 13:11

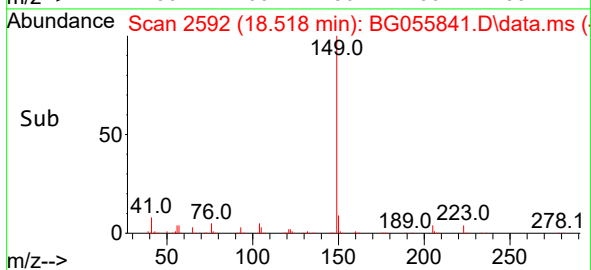
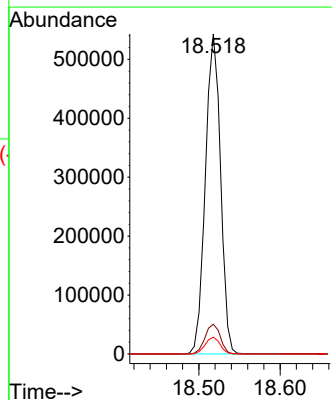
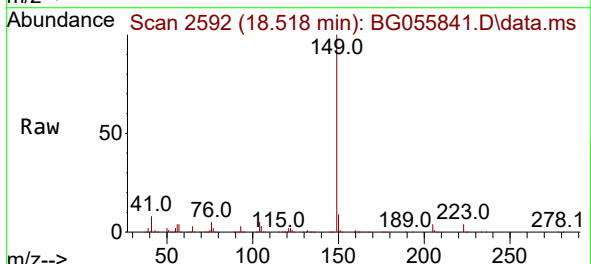
Instrument :
 BNA_G
 ClientSampleId :
 PB149322BS

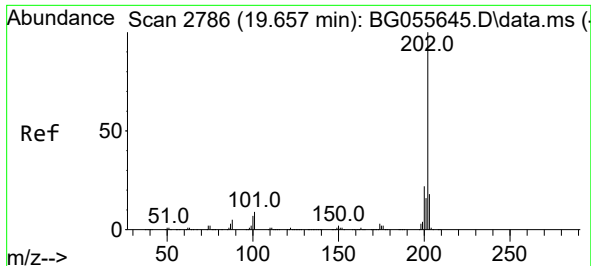
Tgt Ion:167 Resp: 587212
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.2
 139 12.4 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 37.528 ng
 RT: 18.518 min Scan# 2592
 Delta R.T. -0.001 min
 Lab File: BG055841.D
 Acq: 30 Nov 2022 13:11

Tgt Ion:149 Resp: 702146
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.6
 104 5.3 4.0 6.0

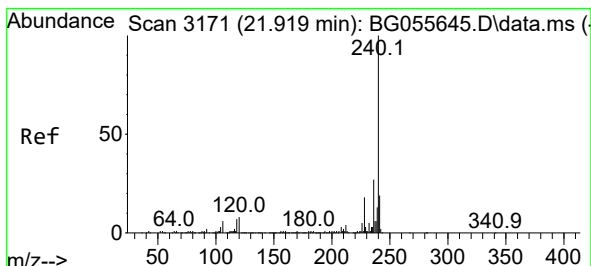
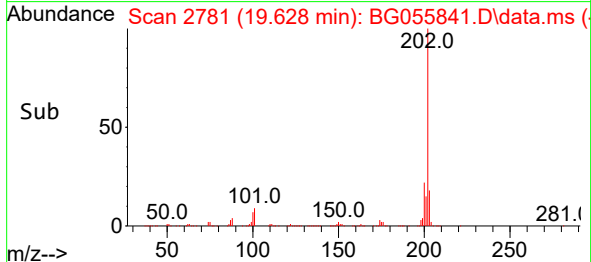
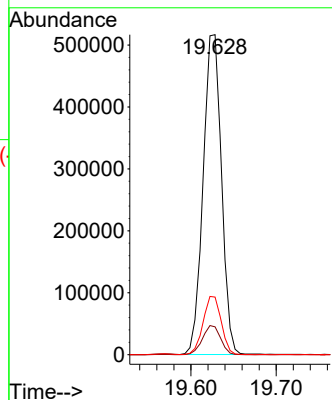
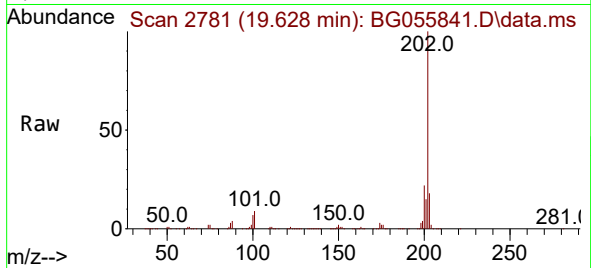




#75
Fluoranthene
Concen: 36.785 ng
RT: 19.628 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

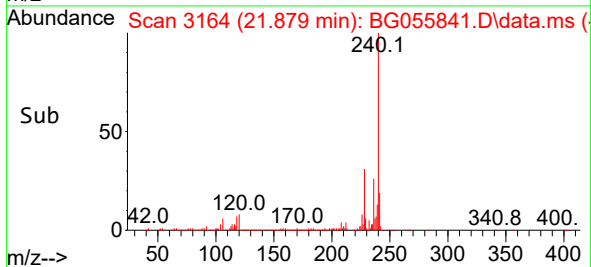
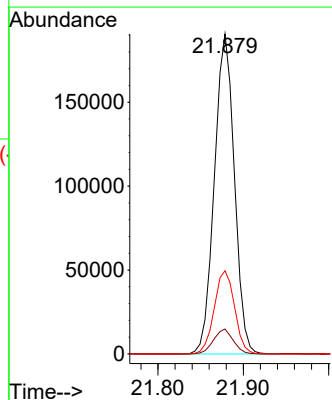
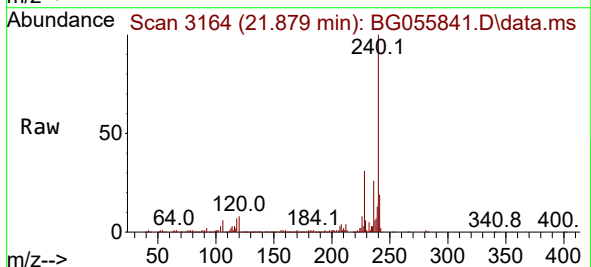
Instrument :
BNA_G
ClientSampleId :
PB149322BS

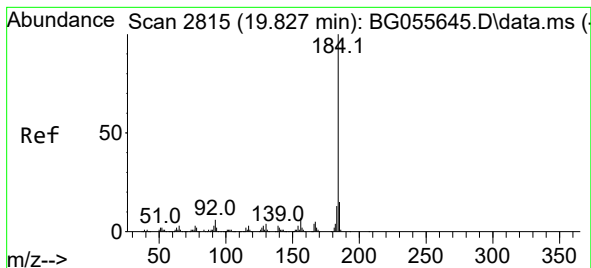
Tgt Ion:202 Resp: 771979
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.8
203 18.0 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.879 min Scan# 3164
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:240 Resp: 311114
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.0 21.9 32.9





#77

Benzidine

Concen: 50.151 ng

RT: 19.799 min Scan# 2810

Delta R.T. 0.005 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

Instrument :

BNA_G

ClientSampleId :

PB149322BS

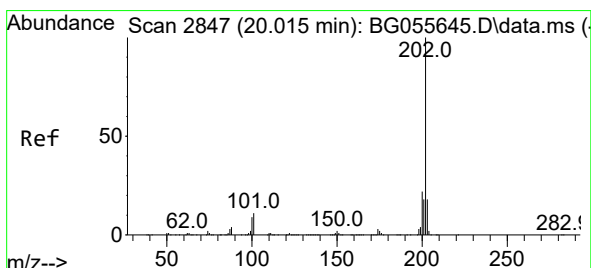
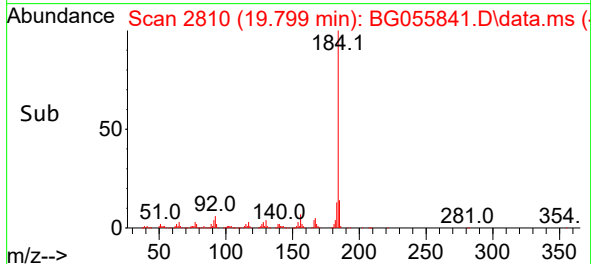
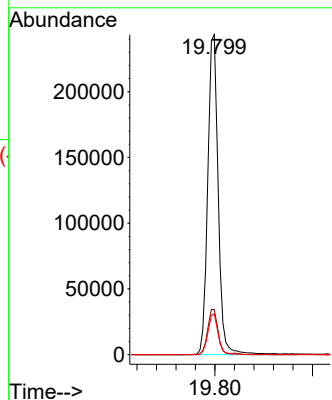
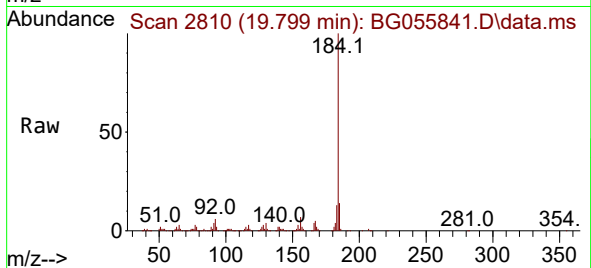
Tgt Ion:184 Resp: 360962

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.8

183 12.8 10.6 15.8



#78

Pyrene

Concen: 37.027 ng

RT: 19.987 min Scan# 2842

Delta R.T. -0.001 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

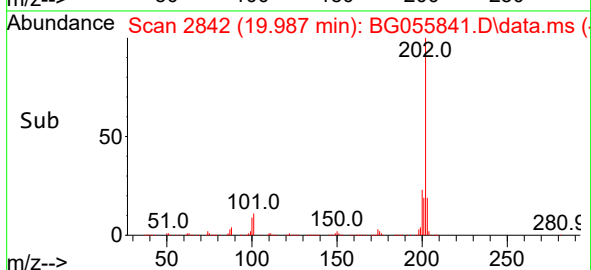
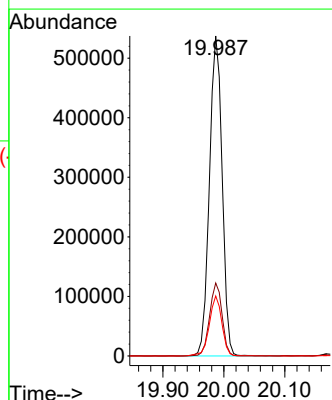
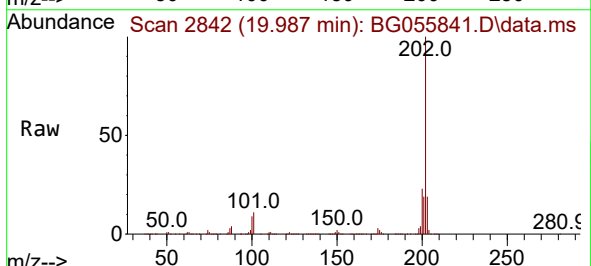
Tgt Ion:202 Resp: 779731

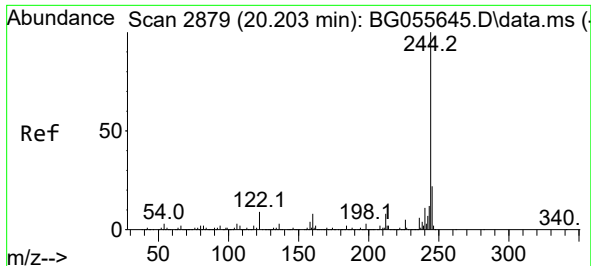
Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.6

203 18.7 14.4 21.6

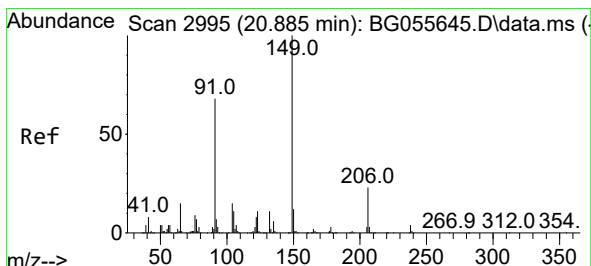
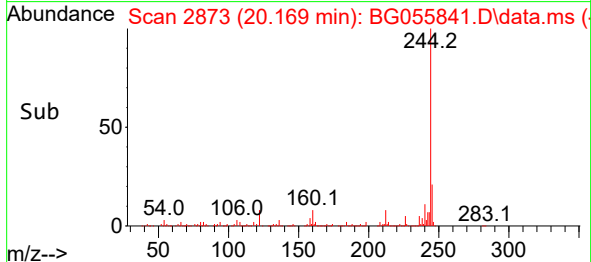
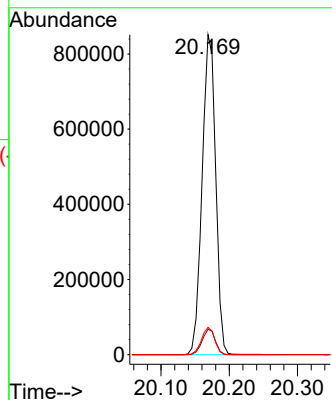
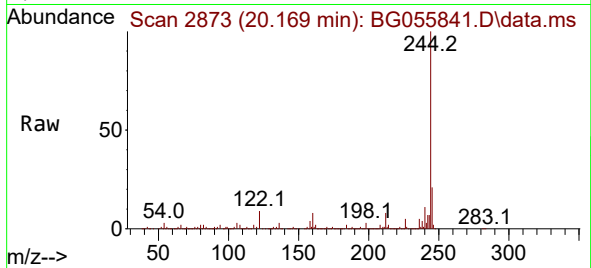




#79
 Terphenyl-d14
 Concen: 75.497 ng
 RT: 20.169 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG055841.D
 Acq: 30 Nov 2022 13:11

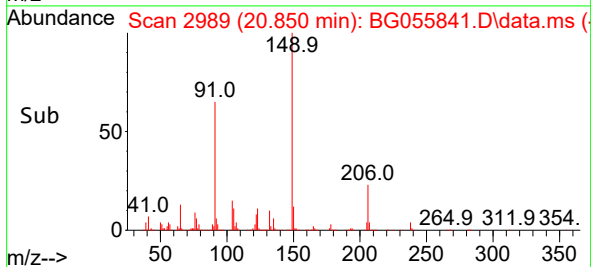
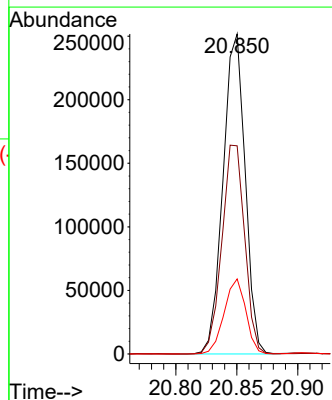
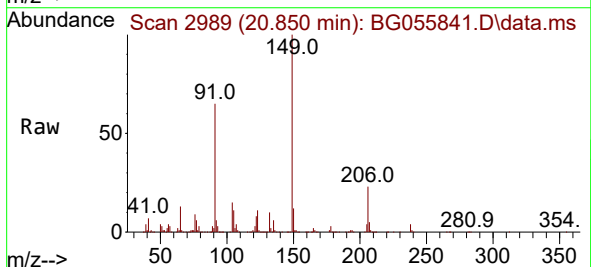
Instrument :
 BNA_G
 ClientSampleId :
 PB149322BS

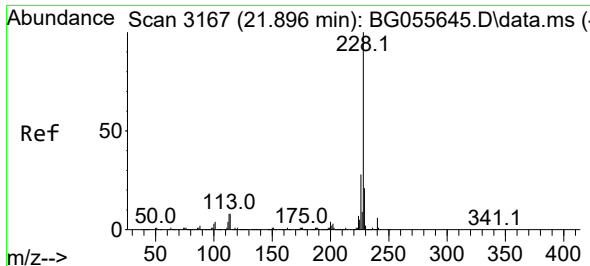
Tgt Ion:244 Resp: 1174341
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 8.5 6.9 10.3



#80
 Butylbenzylphthalate
 Concen: 38.568 ng
 RT: 20.850 min Scan# 2989
 Delta R.T. 0.005 min
 Lab File: BG055841.D
 Acq: 30 Nov 2022 13:11

Tgt Ion:149 Resp: 317954
 Ion Ratio Lower Upper
 149 100
 91 65.0 54.6 81.8
 206 23.5 18.3 27.5

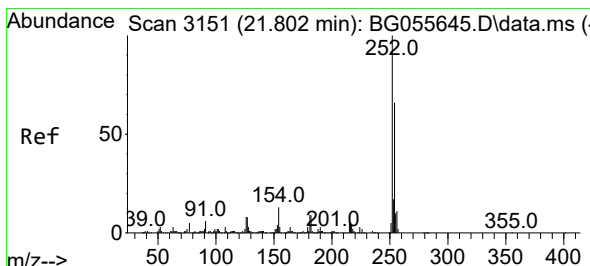
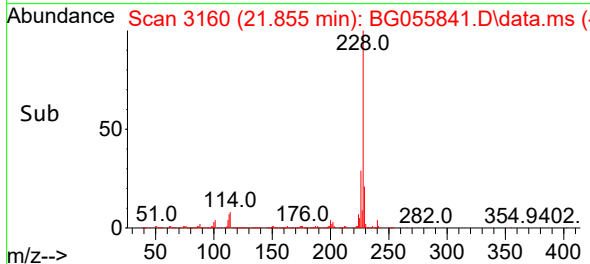
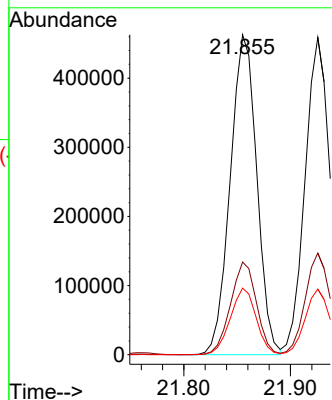
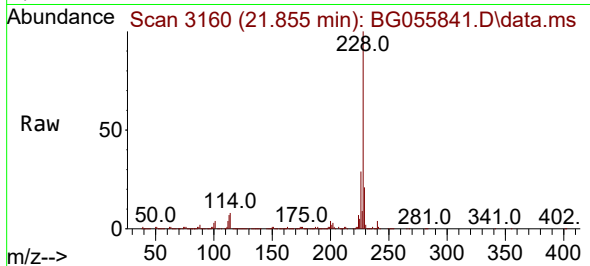




#81
Benzo(a)anthracene
Concen: 37.392 ng
RT: 21.855 min Scan# 3160
Delta R.T. -0.001 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

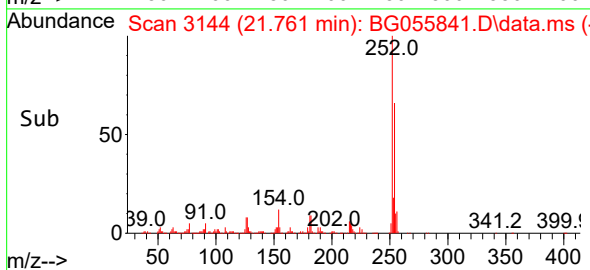
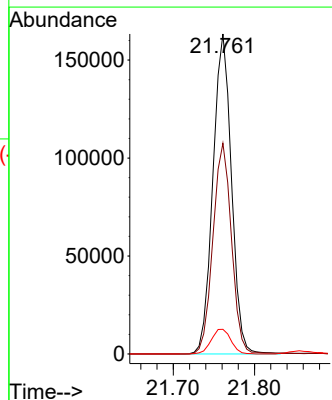
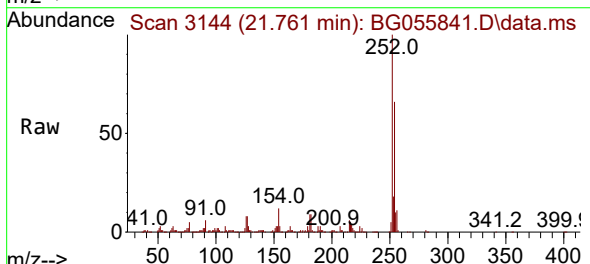
Instrument :
BNA_G
ClientSampleId :
PB149322BS

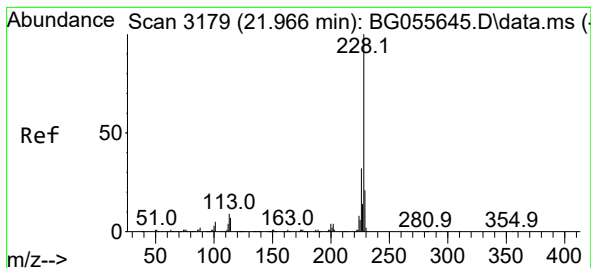
Tgt Ion:228 Resp: 801247
Ion Ratio Lower Upper
228 100
226 29.0 22.7 34.1
229 20.8 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 34.370 ng
RT: 21.761 min Scan# 3144
Delta R.T. 0.005 min
Lab File: BG055841.D
Acq: 30 Nov 2022 13:11

Tgt Ion:252 Resp: 258793
Ion Ratio Lower Upper
252 100
254 65.9 53.0 79.6
126 7.7 6.7 10.1





#83

Chrysene

Concen: 36.912 ng

RT: 21.926 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

Instrument :

BNA_G

ClientSampleId :

PB149322BS

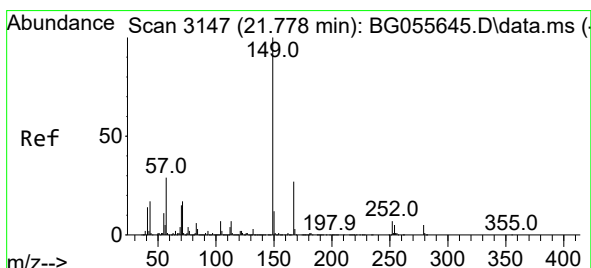
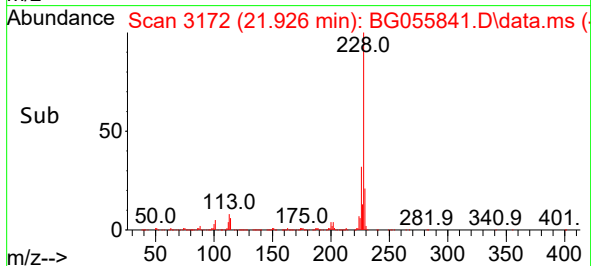
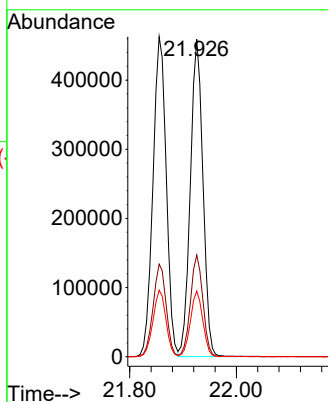
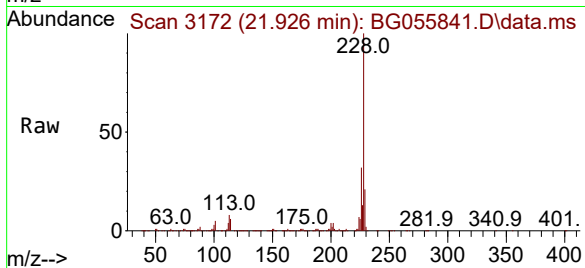
Tgt Ion:228 Resp: 752995

Ion Ratio Lower Upper

228 100

226 32.0 25.4 38.2

229 20.7 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.222 ng

RT: 21.726 min Scan# 3138

Delta R.T. 0.005 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

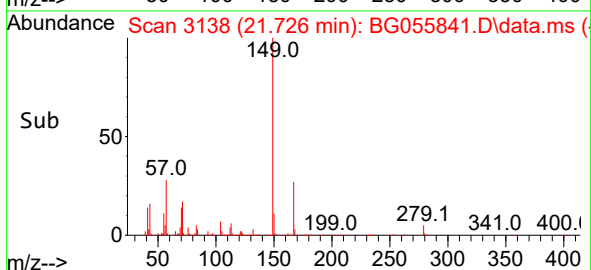
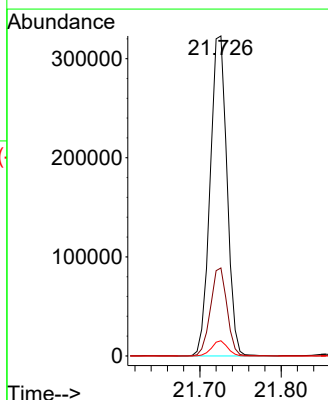
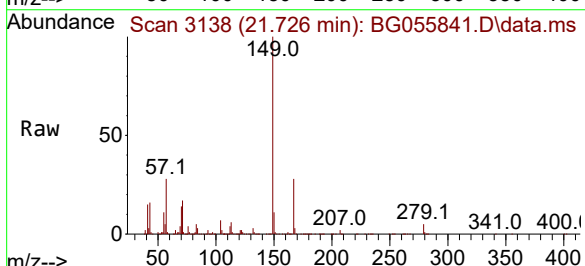
Tgt Ion:149 Resp: 464694

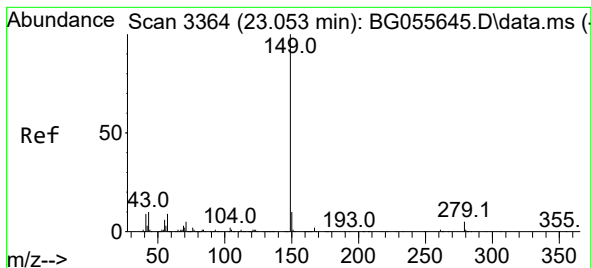
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

279 4.8 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 39.071 ng

RT: 22.983 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

Instrument :

BNA_G

ClientSampleId :

PB149322BS

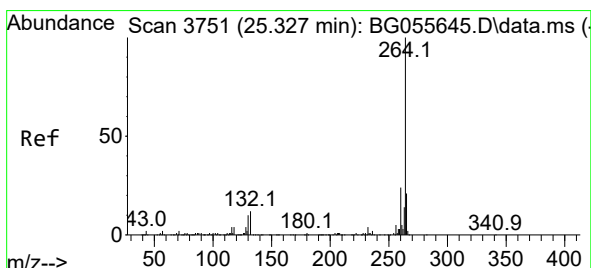
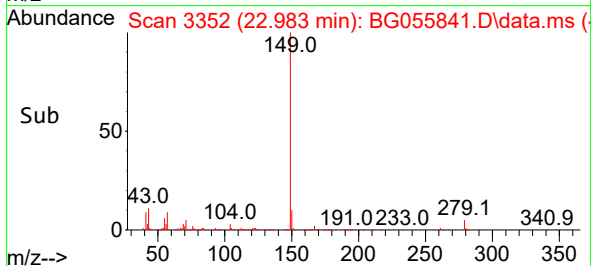
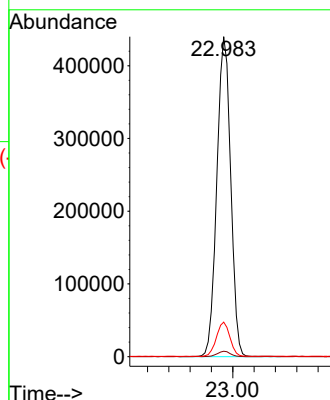
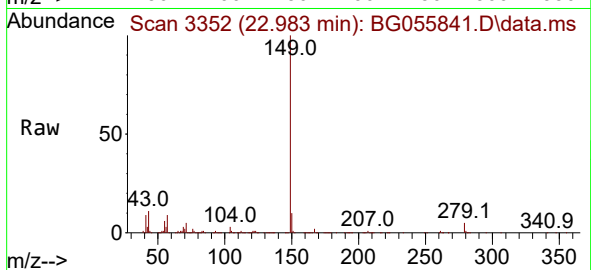
Tgt Ion:149 Resp: 792175

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.4 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.263 min Scan# 3740

Delta R.T. 0.005 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

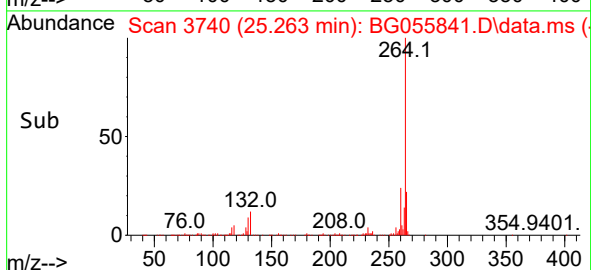
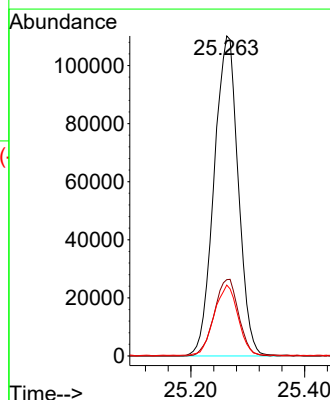
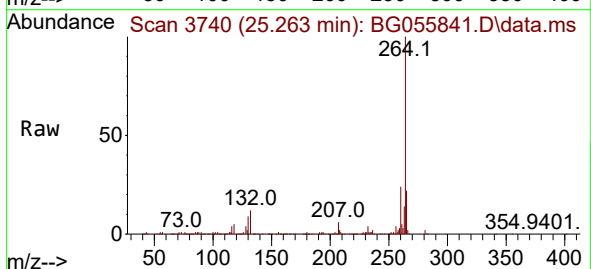
Tgt Ion:264 Resp: 324347

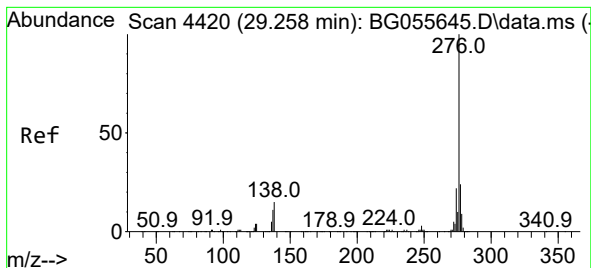
Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 22.2 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.192 ng

RT: 29.170 min Scan# 4420

Delta R.T. -0.001 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

Instrument :

BNA_G

ClientSampleId :

PB149322BS

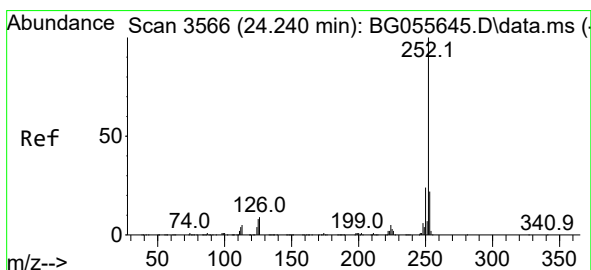
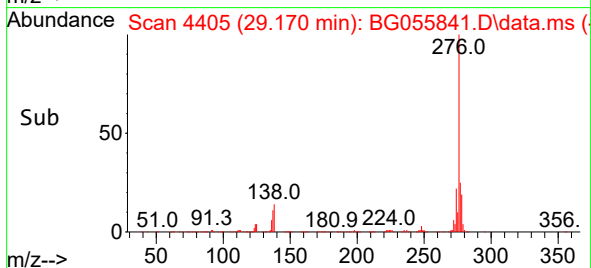
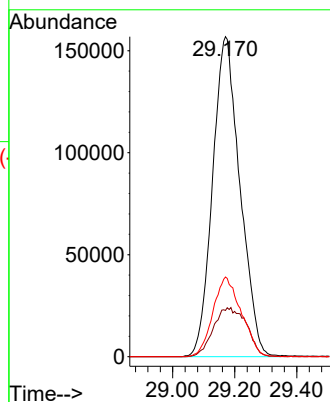
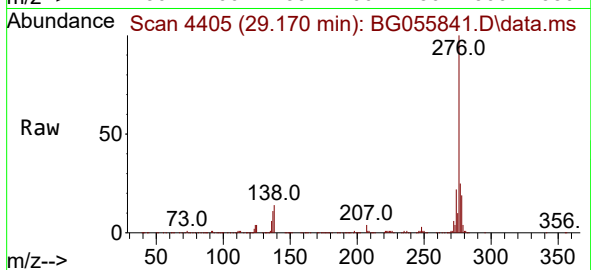
Tgt Ion:276 Resp: 961675

Ion Ratio Lower Upper

276 100

138 18.6 10.4 15.6#

277 25.8 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 40.723 ng

RT: 24.182 min Scan# 3556

Delta R.T. 0.005 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

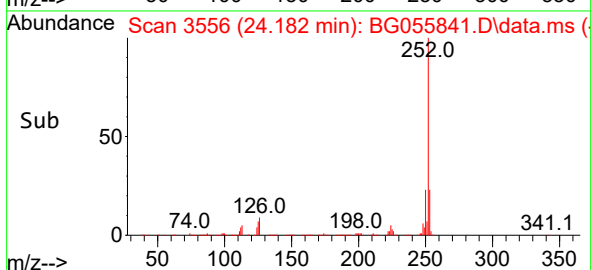
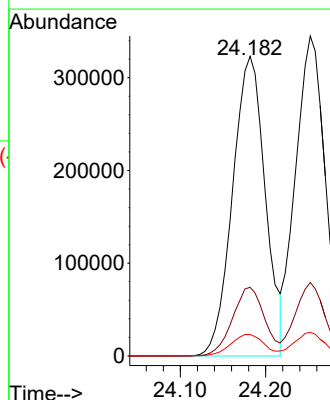
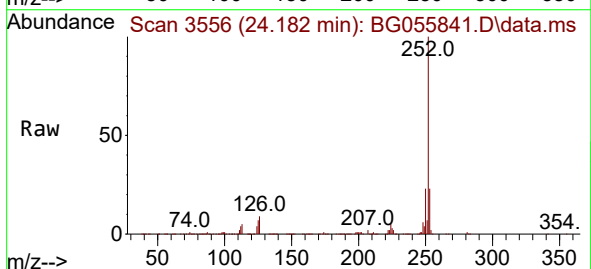
Tgt Ion:252 Resp: 860209

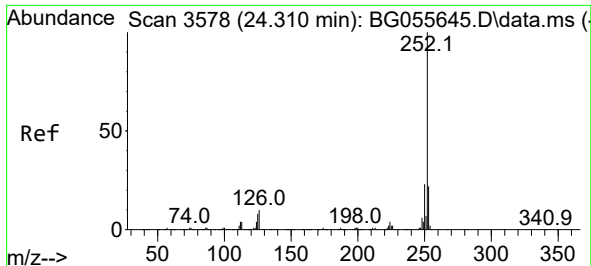
Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

125 7.2 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 39.478 ng

RT: 24.252 min Scan# 3

Delta R.T. -0.001 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

Instrument :

BNA_G

ClientSampleId :

PB149322BS

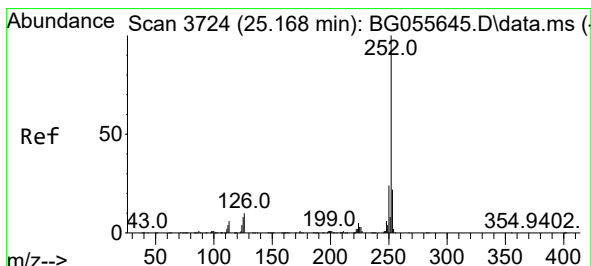
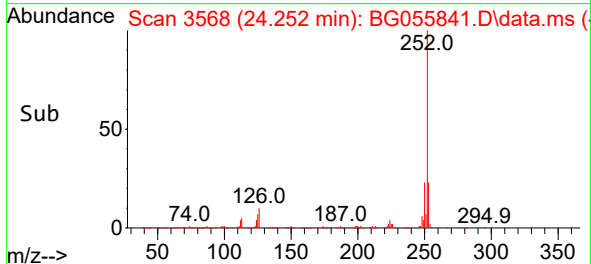
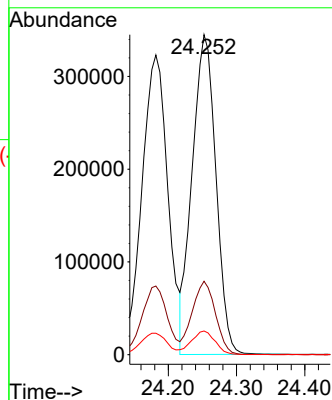
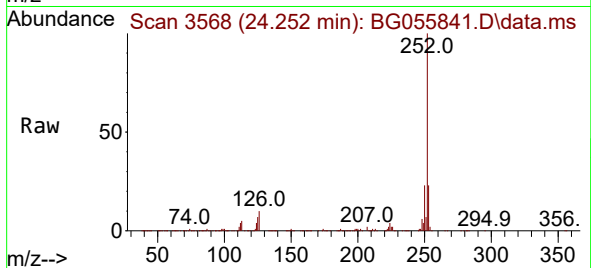
Tgt Ion:252 Resp: 831234

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

125 7.4 6.1 9.1



#90

Benzo(a)pyrene

Concen: 41.489 ng

RT: 25.104 min Scan# 3713

Delta R.T. 0.005 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

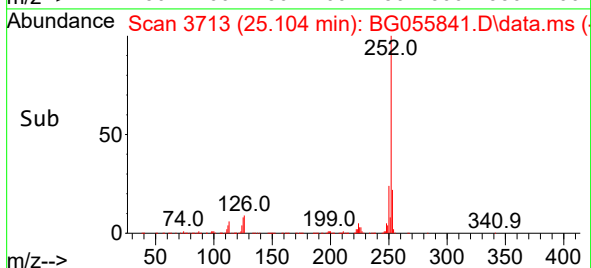
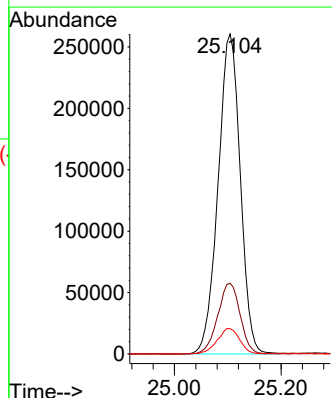
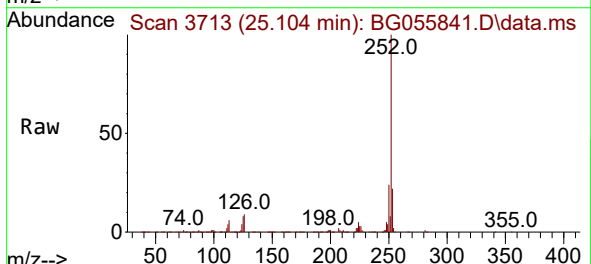
Tgt Ion:252 Resp: 752051

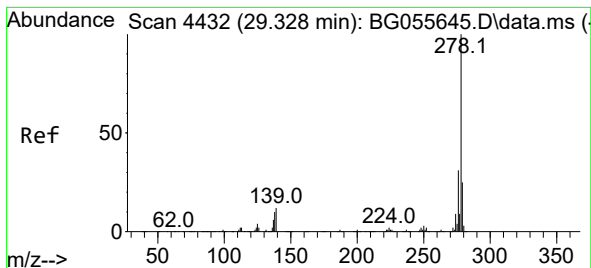
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 7.9 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 37.916 ng

RT: 29.229 min Scan# 4415

Delta R.T. 0.005 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

Instrument :

BNA_G

ClientSampleId :

PB149322BS

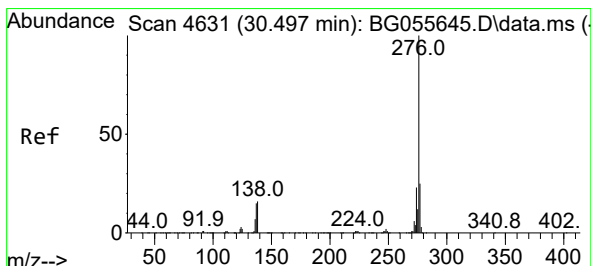
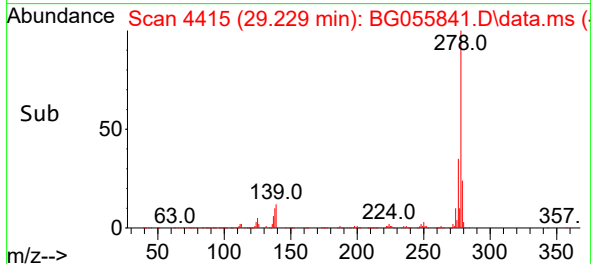
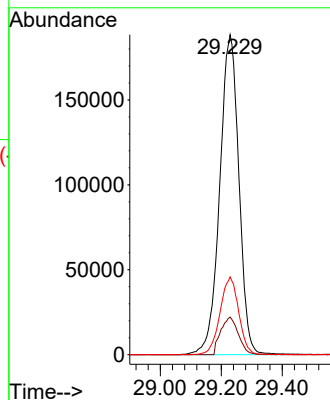
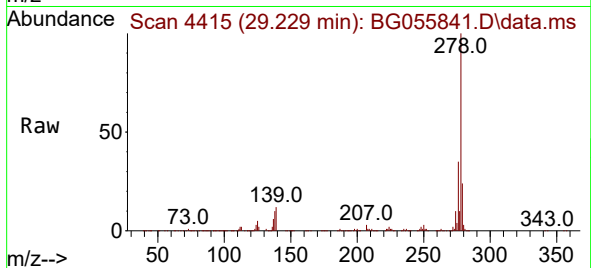
Tgt Ion:278 Resp: 823279

Ion Ratio Lower Upper

278 100

139 11.8 9.8 14.8

279 24.3 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 37.042 ng

RT: 30.404 min Scan# 4615

Delta R.T. 0.005 min

Lab File: BG055841.D

Acq: 30 Nov 2022 13:11

Tgt Ion:276 Resp: 810640

Ion Ratio Lower Upper

276 100

277 23.6 19.8 29.6

138 15.8 13.1 19.7

