

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
 Data File : BG055153.D
 Acq On : 13 Oct 2022 1:23
 Operator : CG/JU
 Sample : PB148265BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148265BS

Quant Time: Oct 13 05:39:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.301	152	28903	20.000	ng	0.00
21) Naphthalene-d8	11.133	136	140736	20.000	ng	0.00
39) Acenaphthene-d10	14.911	164	115068	20.000	ng	0.00
64) Phenanthrene-d10	17.643	188	283686	20.000	ng	0.00
76) Chrysene-d12	21.927	240	265184	20.000	ng	0.00
86) Perylene-d12	25.334	264	280827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.816	112	248220	168.023	ng	0.00
7) Phenol-d6	7.438	99	348796	159.608	ng	0.00
23) Nitrobenzene-d5	9.471	82	217316	82.804	ng	0.00
42) 2,4,6-Tribromophenol	16.386	330	215477	130.324	ng	0.00
45) 2-Fluorobiphenyl	13.542	172	569762	80.886	ng	0.00
79) Terphenyl-d14	20.217	244	1156093	87.803	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.636	88	19142	30.622	ng	93
3) Pyridine	4.053	79	59305	30.086	ng	96
4) n-Nitrosodimethylamine	3.959	42	41520	39.694	ng	97
6) Aniline	7.614	93	132155	47.094	ng	99
8) 2-Chlorophenol	7.855	128	91834	50.977	ng	98
9) Benzaldehyde	7.426	77	57405	39.059	ng	97
10) Phenol	7.461	94	120533	49.645	ng	99
11) bis(2-Chloroethyl)ether	7.702	93	78494	45.709	ng	97
12) 1,3-Dichlorobenzene	8.190	146	89423	42.708	ng	99
13) 1,4-Dichlorobenzene	8.337	146	90403	42.765	ng	97
14) 1,2-Dichlorobenzene	8.660	146	91404	45.151	ng	97
15) Benzyl Alcohol	8.530	79	94664	48.454	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.824	45	130533	45.471	ng	97
17) 2-Methylphenol	8.730	107	86808	49.695	ng	99
18) Hexachloroethane	9.400	117	31106	43.406	ng	97
19) n-Nitroso-di-n-propyla...	9.100	70	78650	44.595	ng	97
20) 3+4-Methylphenols	9.059	107	118982	47.473	ng	96
22) Acetophenone	9.124	105	148805	42.704	ng	98
24) Nitrobenzene	9.518	77	111536	41.078	ng	96
25) Isophorone	10.040	82	219151	42.998	ng	98
26) 2-Nitrophenol	10.228	139	55987	43.520	ng	98
27) 2,4-Dimethylphenol	10.275	122	100750	51.496	ng	98
28) bis(2-Chloroethoxy)met...	10.516	93	118169	46.783	ng	99
29) 2,4-Dichlorophenol	10.763	162	103741	44.366	ng	98
30) 1,2,4-Trichlorobenzene	10.986	180	99783	39.560	ng	97
31) Naphthalene	11.180	128	296322	40.035	ng	99
32) Benzoic acid	10.405	122	63213	38.515	ng	97
33) 4-Chloroaniline	11.274	127	109098	34.292	ng	99
34) Hexachlorobutadiene	11.462	225	62659	38.960	ng	95
35) Caprolactam	12.044	113	19840	20.654	ng	98
36) 4-Chloro-3-methylphenol	12.373	107	118773	45.043	ng	99
37) 2-Methylnaphthalene	12.761	142	228177	41.169	ng	98
38) 1-Methylnaphthalene	12.978	142	218202	40.352	ng	99
40) 1,2,4,5-Tetrachloroben...	13.125	216	130764	40.291	ng	99
41) Hexachlorocyclopentadiene	13.102	237	167607	103.354	ng	98
43) 2,4,6-Trichlorophenol	13.348	196	97224	41.215	ng	99

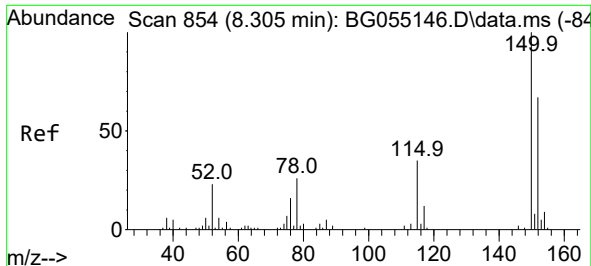
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.425	196	108211	41.340	ng	99
46) 1,1'-Biphenyl	13.748	154	318217	41.654	ng	100
47) 2-Chloronaphthalene	13.801	162	249410	40.360	ng	97
48) 2-Nitroaniline	13.989	65	89110	40.419	ng	96
49) Acenaphthylene	14.635	152	414466	39.953	ng	100
50) Dimethylphthalate	14.353	163	359322	38.847	ng	99
51) 2,6-Dinitrotoluene	14.476	165	78258	41.114	ng	96
52) Acenaphthene	14.976	154	299782	44.671	ng	99
53) 3-Nitroaniline	14.805	138	73133	33.139	ng	91
54) 2,4-Dinitrophenol	15.005	184	101089	87.305	ng	90
55) Dibenzofuran	15.305	168	417681	39.892	ng	98
56) 4-Nitrophenol	15.093	139	144626	84.160	ng	94
57) 2,4-Dinitrotoluene	15.252	165	113869	40.844	ng	98
58) Fluorene	15.951	166	334084	38.861	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.522	232	101777	39.402	ng	99
60) Diethylphthalate	15.704	149	380293	39.034	ng	99
61) 4-Chlorophenyl-phenyle...	15.934	204	185960	40.398	ng	99
62) 4-Nitroaniline	15.963	138	89854	37.714	ng	99
63) Azobenzene	16.227	77	327529	39.599	ng	98
65) 4,6-Dinitro-2-methylph...	16.010	198	69596	41.738	ng	99
66) n-Nitrosodiphenylamine	16.145	169	310207	41.450	ng	100
67) 4-Bromophenyl-phenylether	16.827	248	127463	41.216	ng	98
68) Hexachlorobenzene	16.950	284	145971	41.067	ng	98
69) Atrazine	17.079	200	134788	45.683	ng	98
70) Pentachlorophenol	17.285	266	178611	84.340	ng	95
71) Phenanthrene	17.684	178	587766	39.944	ng	99
72) Anthracene	17.778	178	596421	41.476	ng	99
73) Carbazole	18.037	167	559411	41.781	ng	99
74) Di-n-butylphthalate	18.578	149	658350	39.942	ng	99
75) Fluoranthene	19.670	202	732282	39.811	ng	98
77) Benzidine	19.841	184	457478	76.928	ng	100
78) Pyrene	20.029	202	723615	40.933	ng	98
80) Butylbenzylphthalate	20.892	149	284648	41.945	ng	98
81) Benzo(a)anthracene	21.903	228	691879	40.778	ng	99
82) 3,3'-Dichlorobenzidine	21.803	252	232745	39.971	ng	98
83) Chrysene	21.974	228	635944	39.733	ng	100
84) Bis(2-ethylhexyl)phtha...	21.786	149	404277	41.822	ng	98
85) Di-n-octyl phthalate	23.060	149	680563	42.228	ng	99
87) Indeno(1,2,3-cd)pyrene	29.271	276	846445	40.690	ng	# 95
88) Benzo(b)fluoranthene	24.247	252	732184	43.744	ng	100
89) Benzo(k)fluoranthene	24.324	252	721346	42.895	ng	99
90) Benzo(a)pyrene	25.176	252	653529	45.660	ng	99
91) Dibenzo(a,h)anthracene	29.341	278	733842	42.631	ng	99
92) Benzo(g,h,i)perylene	30.511	276	721056	42.762	ng	97

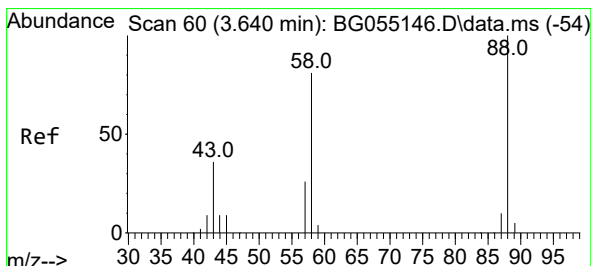
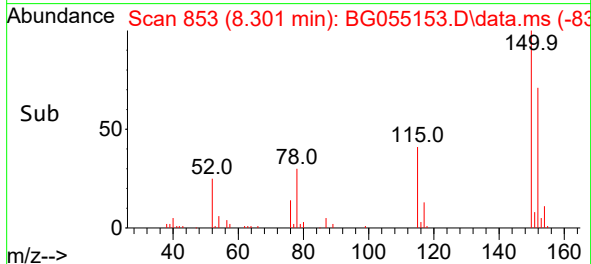
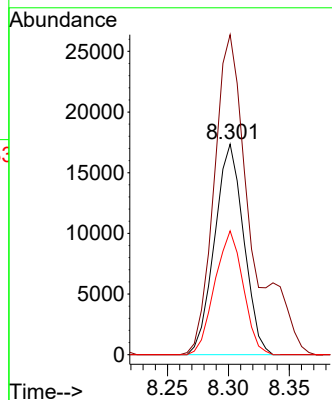
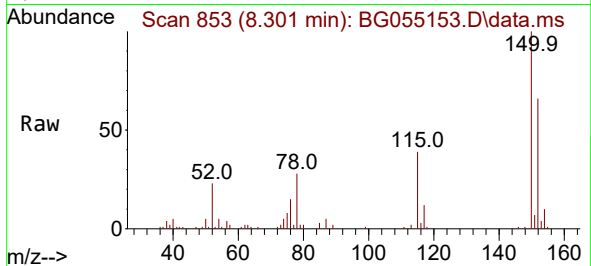
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.301 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

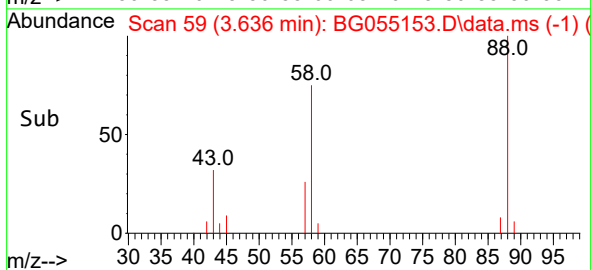
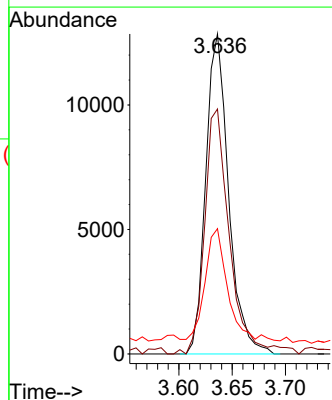
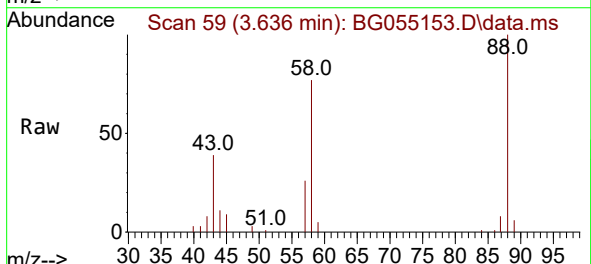
Instrument :
BNA_G
ClientSampleId :
PB148265BS

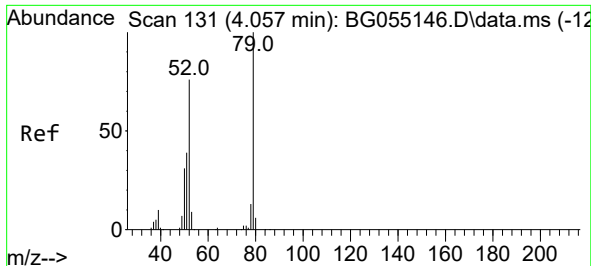
Tgt Ion:152 Resp: 28903
Ion Ratio Lower Upper
152 100
150 152.0 119.7 179.5
115 58.8 42.4 63.6



#2
1,4-Dioxane
Concen: 30.622 ng
RT: 3.636 min Scan# 59
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion: 88 Resp: 19142
Ion Ratio Lower Upper
88 100
58 83.3 61.0 91.4
43 34.6 26.5 39.7





#3

Pyridine

Concen: 30.086 ng

RT: 4.053 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

Instrument :

BNA_G

ClientSampleId :

PB148265BS

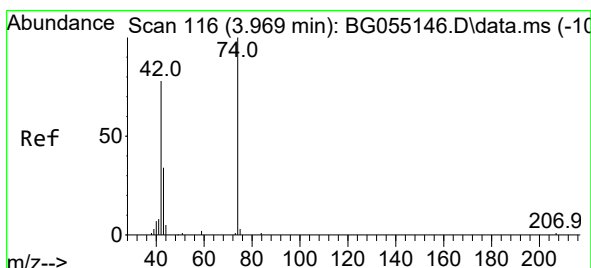
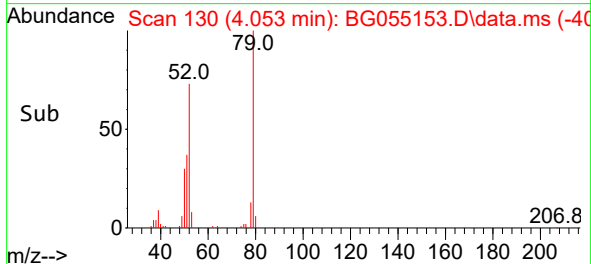
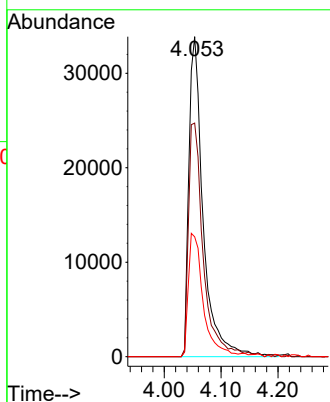
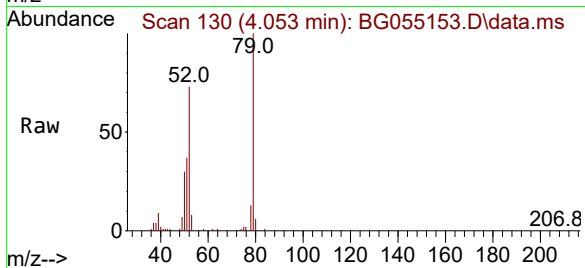
Tgt Ion: 79 Resp: 59305

Ion Ratio Lower Upper

79 100

52 73.0 60.9 91.3

51 37.5 31.6 47.4



#4

n-Nitrosodimethylamine

Concen: 39.694 ng

RT: 3.959 min Scan# 114

Delta R.T. -0.010 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

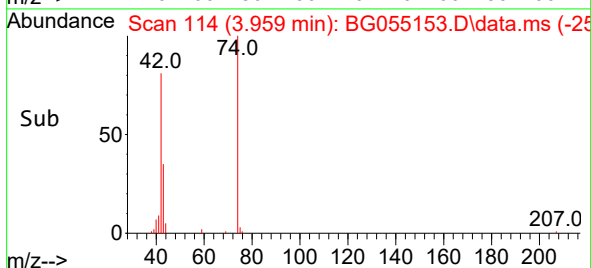
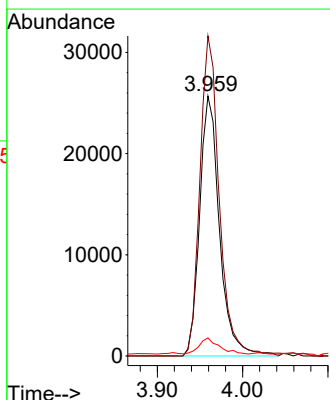
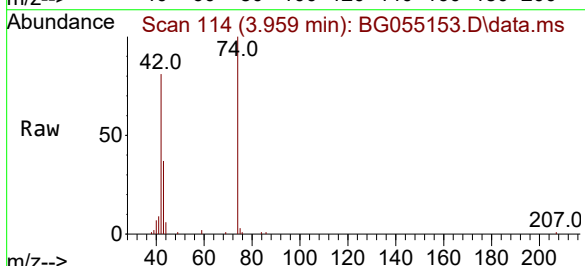
Tgt Ion: 42 Resp: 41520

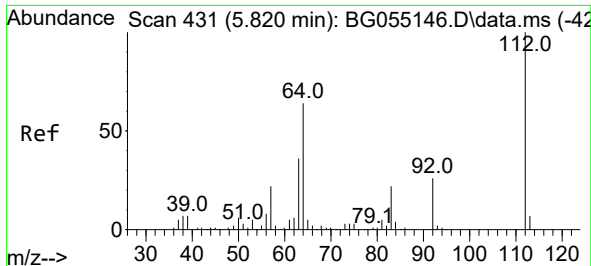
Ion Ratio Lower Upper

42 100

74 123.2 101.9 152.9

44 7.0 5.5 8.3

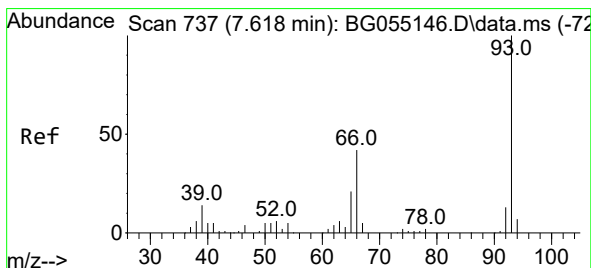
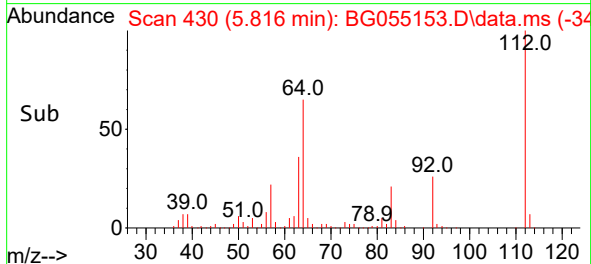
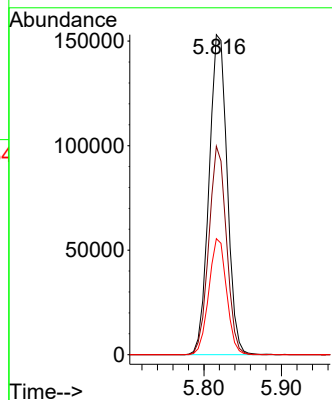
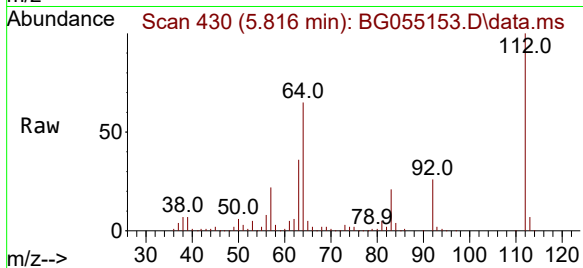




#5
2-Fluorophenol
Concen: 168.023 ng
RT: 5.816 min Scan# 41
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

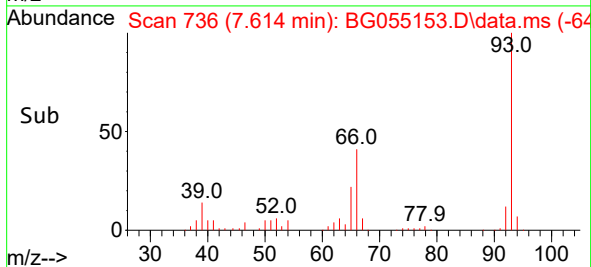
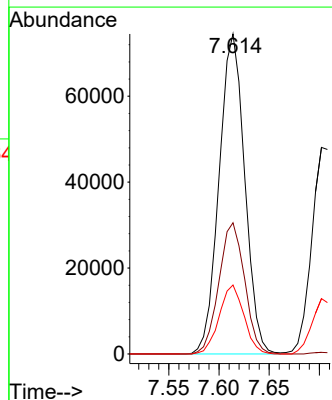
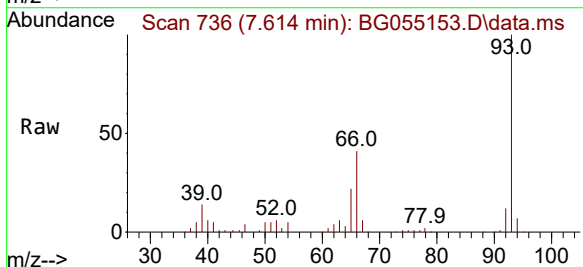
Instrument :
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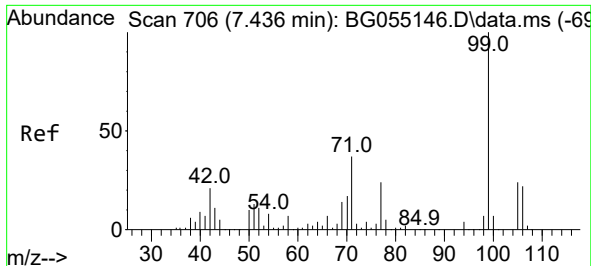
Tgt Ion:112 Resp: 248220
Ion Ratio Lower Upper
112 100
64 65.2 50.9 76.3
63 36.3 29.0 43.6



#6
Aniline
Concen: 47.094 ng
RT: 7.614 min Scan# 736
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion: 93 Resp: 132155
Ion Ratio Lower Upper
93 100
66 41.0 33.3 49.9
65 21.5 16.6 25.0

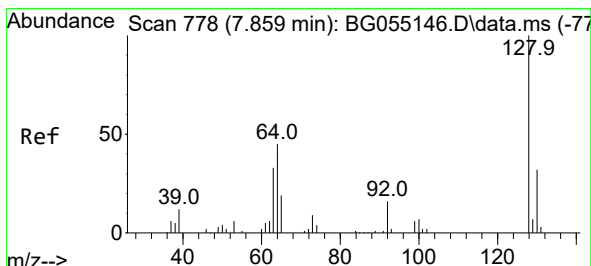
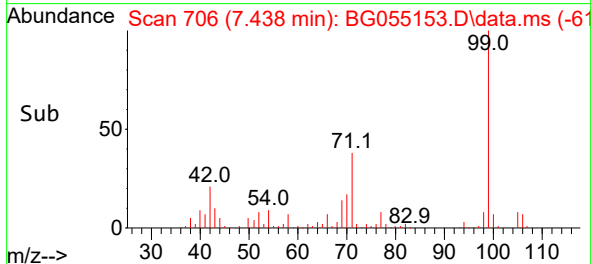
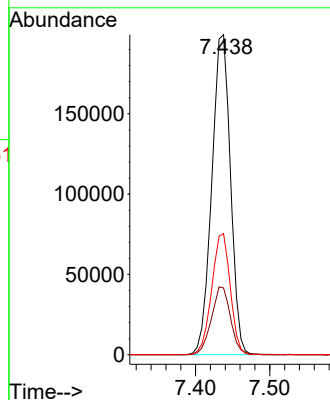
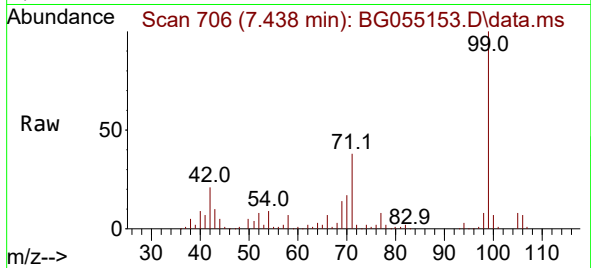




#7
Phenol-d6
Concen: 159.608 ng
RT: 7.438 min Scan# 706
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

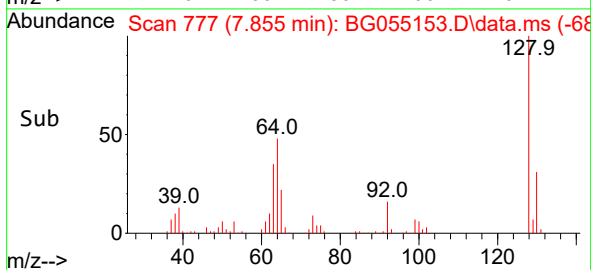
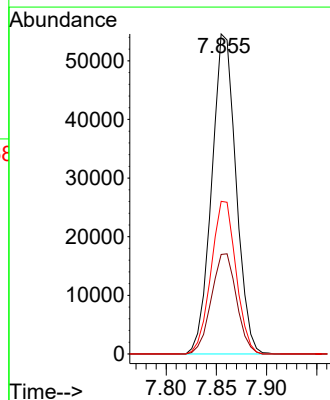
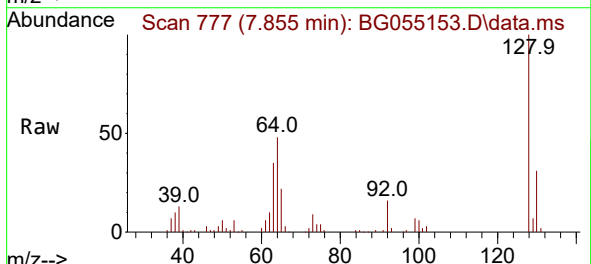
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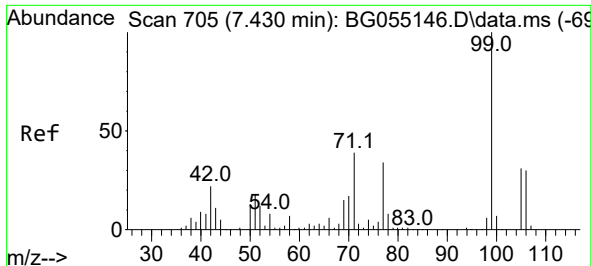
Tgt Ion: 99 Resp: 348796
Ion Ratio Lower Upper
99 100
42 20.8 16.6 25.0
71 37.9 29.6 44.4



#8
2-Chlorophenol
Concen: 50.977 ng
RT: 7.855 min Scan# 777
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion: 128 Resp: 91834
Ion Ratio Lower Upper
128 100
130 31.1 11.8 51.8
64 47.7 29.7 69.7

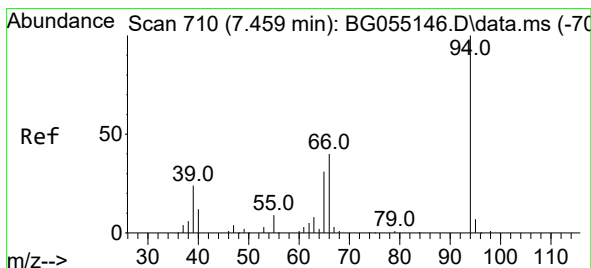
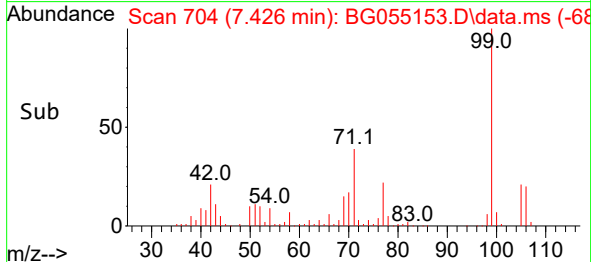
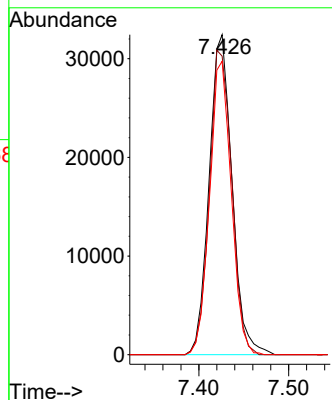
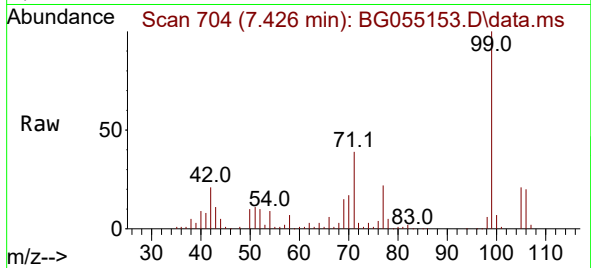




#9
Benzaldehyde
Concen: 39.059 ng
RT: 7.426 min Scan# 705
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

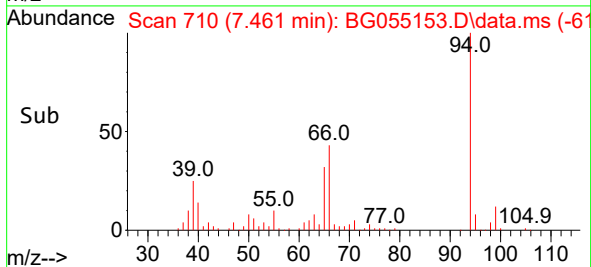
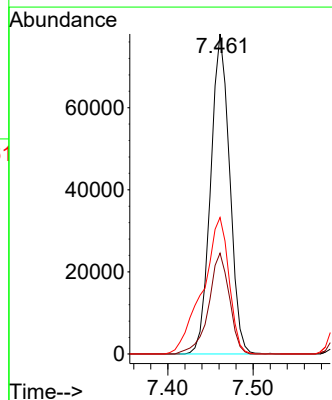
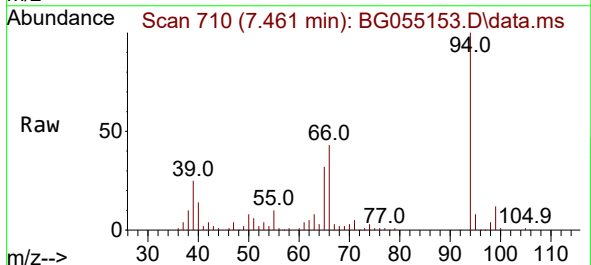
Instrument :
BNA_G
ClientSampleId :
PB148265BS

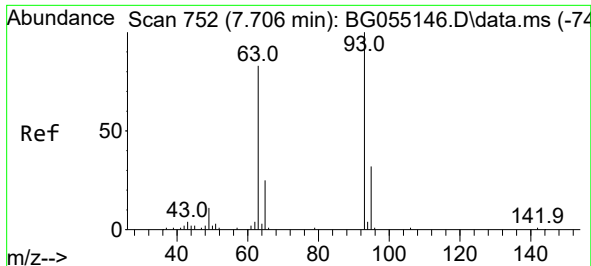
Tgt Ion: 77 Resp: 57405
Ion Ratio Lower Upper
77 100
105 93.3 71.2 111.2
106 91.7 68.6 108.6



#10
Phenol
Concen: 49.645 ng
RT: 7.461 min Scan# 710
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion: 94 Resp: 120533
Ion Ratio Lower Upper
94 100
65 31.5 11.2 51.2
66 42.7 21.5 61.5

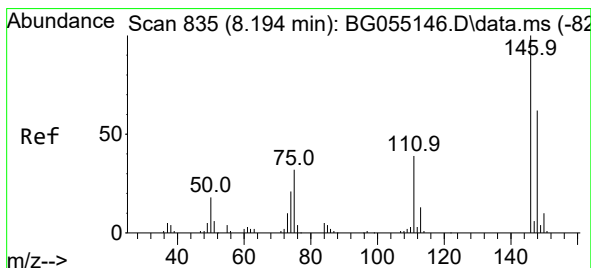
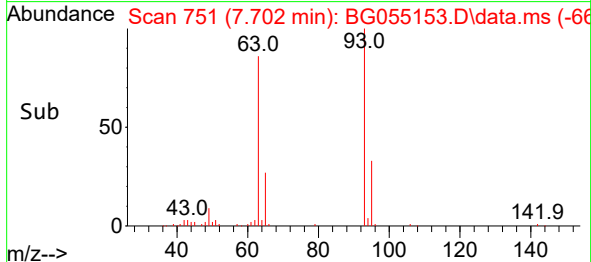
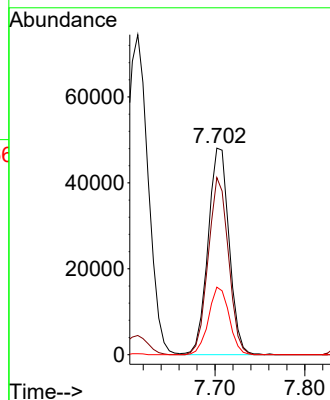
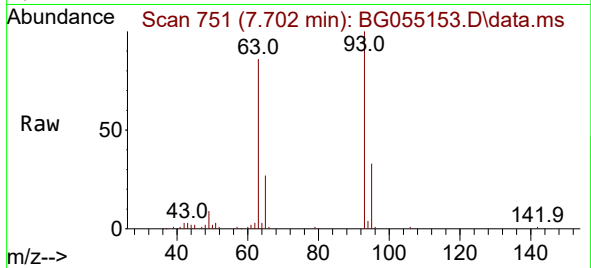




#11
bis(2-Chloroethyl)ether
Concen: 45.709 ng
RT: 7.702 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

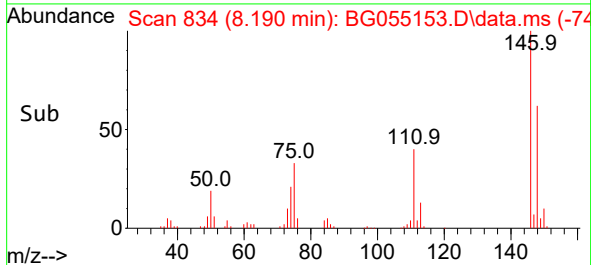
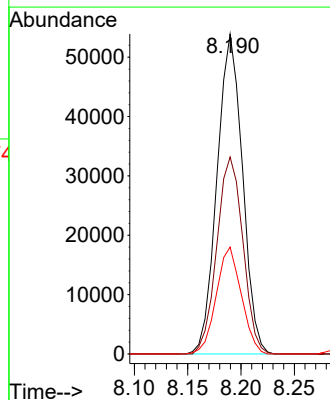
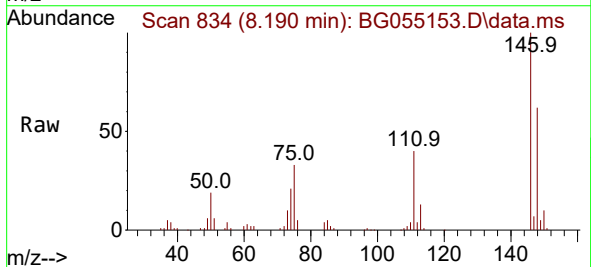
Instrument :
BNA_G
ClientSampleId :
PB148265BS

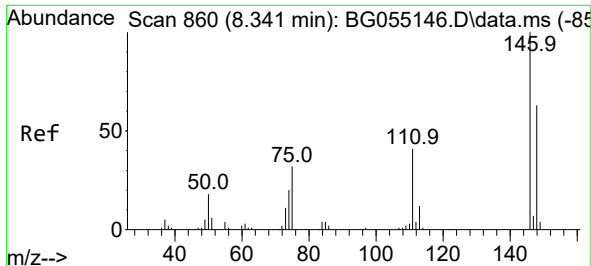
Tgt Ion: 93 Resp: 78494
Ion Ratio Lower Upper
93 100
63 85.7 62.3 102.3
95 32.7 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 42.708 ng
RT: 8.190 min Scan# 834
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion: 146 Resp: 89423
Ion Ratio Lower Upper
146 100
148 61.5 49.6 74.4
75 33.4 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 42.765 ng

RT: 8.337 min Scan# 8

Delta R.T. -0.004 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

Instrument :

BNA_G

ClientSampleId :

PB148265BS

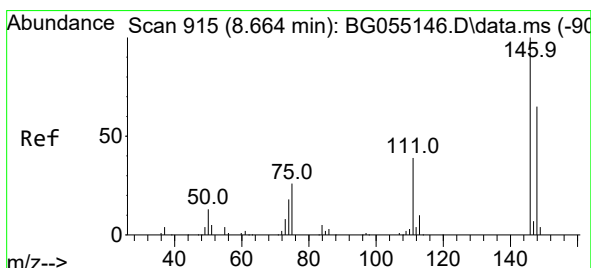
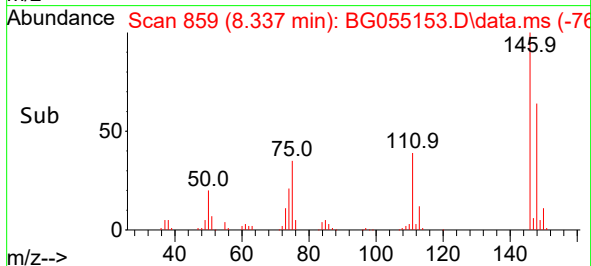
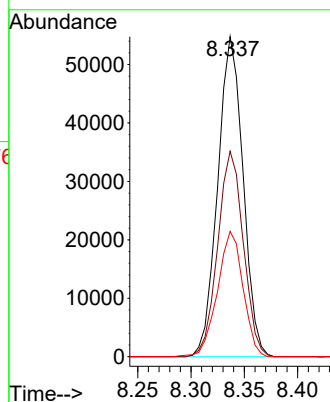
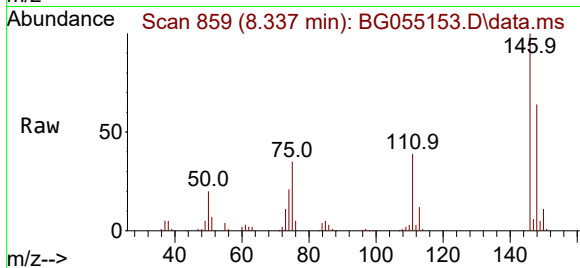
Tgt Ion:146 Resp: 90403

Ion Ratio Lower Upper

146 100

148 64.2 50.2 75.2

111 39.2 33.0 49.6



#14

1,2-Dichlorobenzene

Concen: 45.151 ng

RT: 8.660 min Scan# 914

Delta R.T. -0.004 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

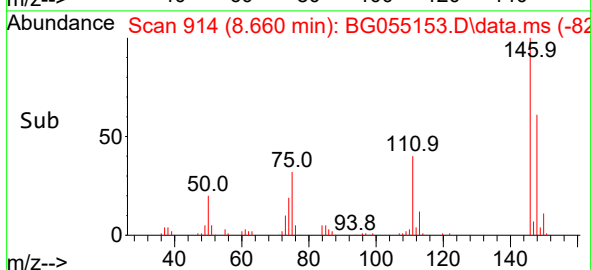
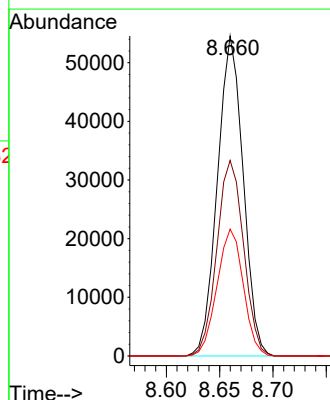
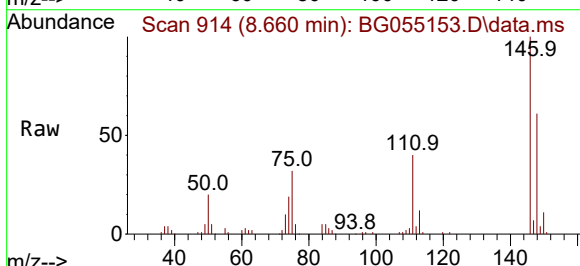
Tgt Ion:146 Resp: 91404

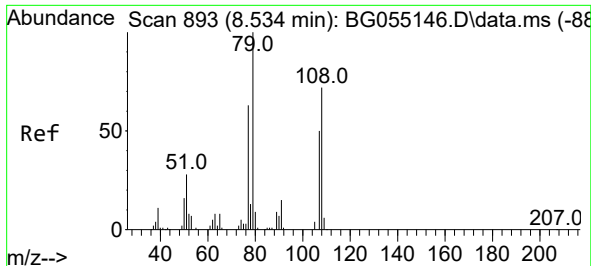
Ion Ratio Lower Upper

146 100

148 61.1 51.7 77.5

111 39.7 32.1 48.1

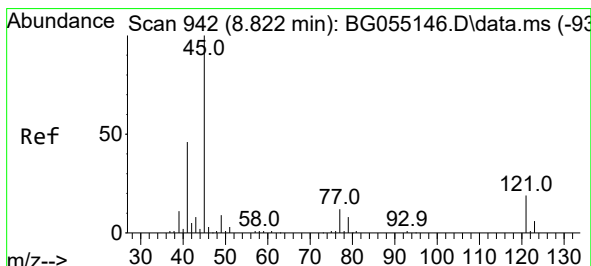
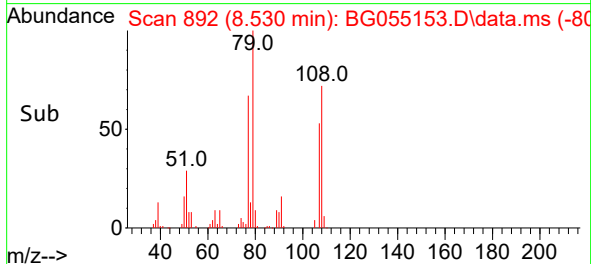
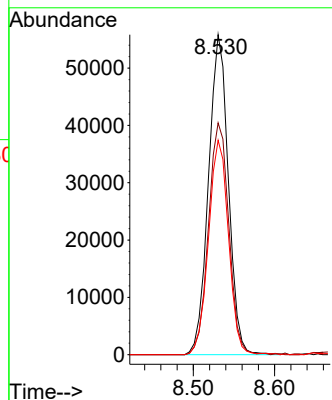
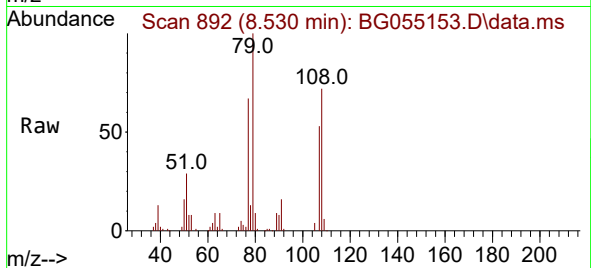




#15
Benzyl Alcohol
Concen: 48.454 ng
RT: 8.530 min Scan# 893
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

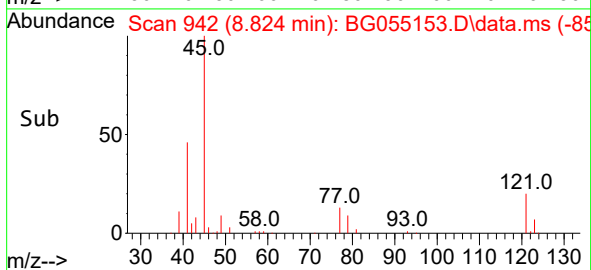
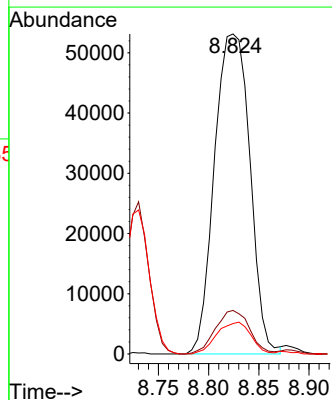
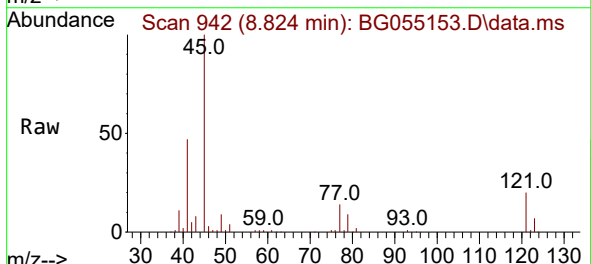
Instrument :
BNA_G
ClientSampleId :
PB148265BS

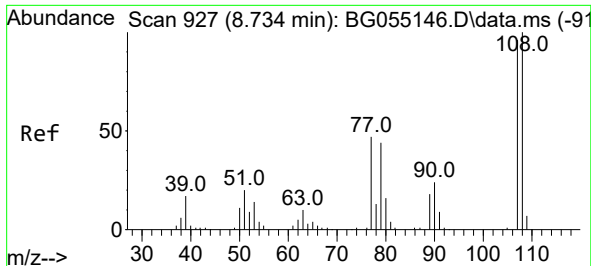
Tgt Ion: 79 Resp: 94664
Ion Ratio Lower Upper
79 100
108 72.4 58.0 87.0
77 67.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.471 ng
RT: 8.824 min Scan# 942
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion: 45 Resp: 130533
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.0
79 9.5 0.0 28.6

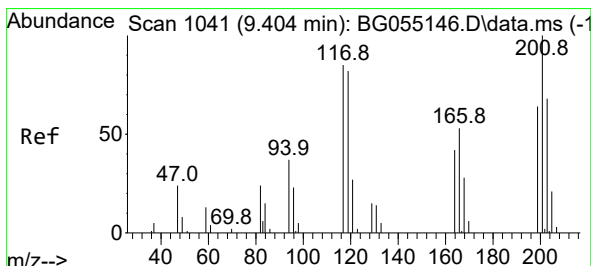
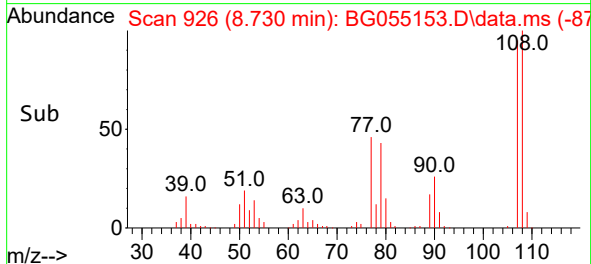
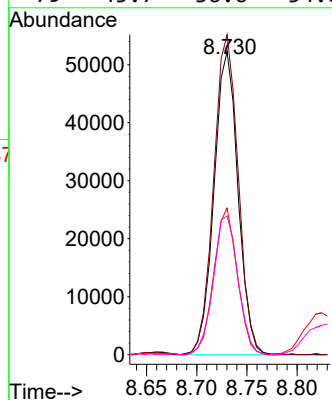
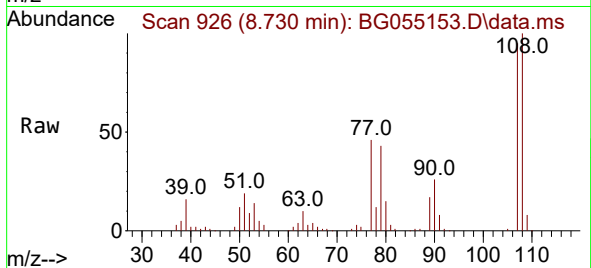




#17
2-Methylphenol
Concen: 49.695 ng
RT: 8.730 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

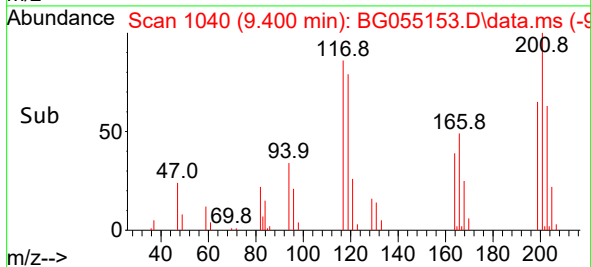
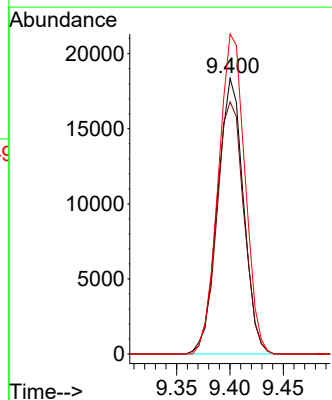
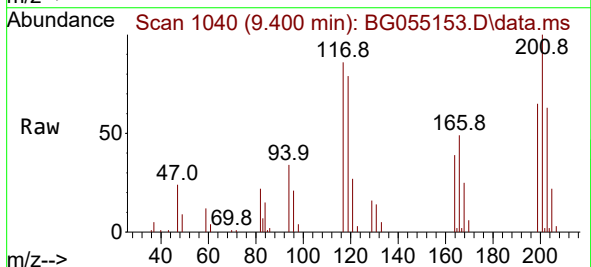
Instrument :
BNA_G
ClientSampleId :
PB148265BS

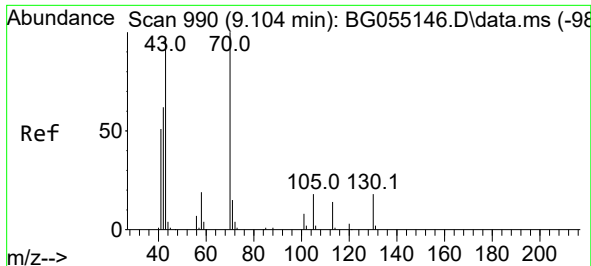
Tgt Ion:	107	Resp:	86808
Ion	Ratio	Lower	Upper
107	100		
108	105.5	83.4	125.0
77	48.3	39.0	58.6
79	45.7	36.6	54.8



#18
Hexachloroethane
Concen: 43.406 ng
RT: 9.400 min Scan# 1040
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:	117	Resp:	31106
Ion	Ratio	Lower	Upper
117	100		
119	91.5	76.8	115.2
201	116.1	93.8	140.8

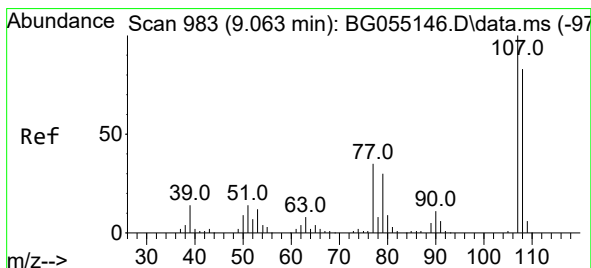
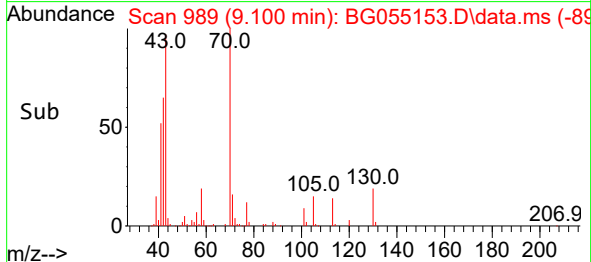
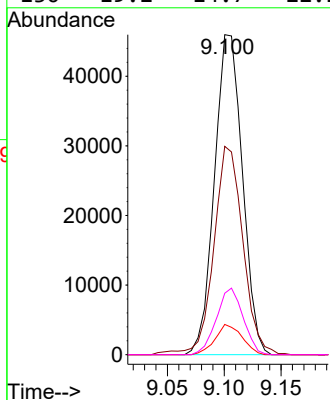
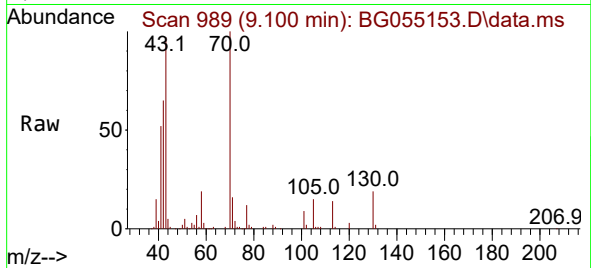




#19
n-Nitroso-di-n-propylamine
Concen: 44.595 ng
RT: 9.100 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

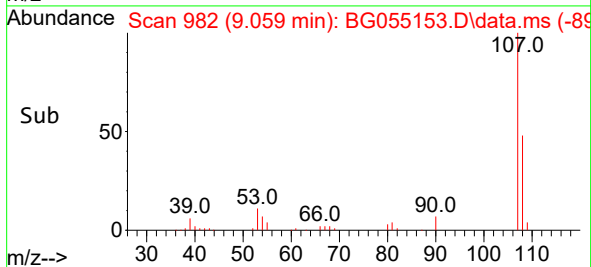
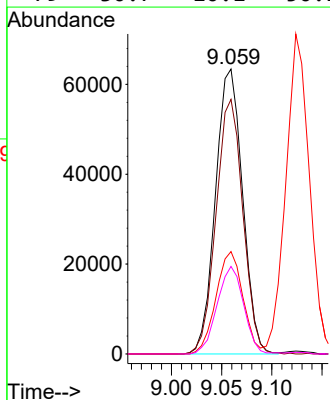
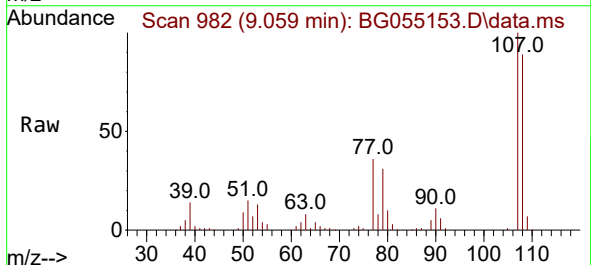
Instrument :
BNA_G
ClientSampleId :
PB148265BS

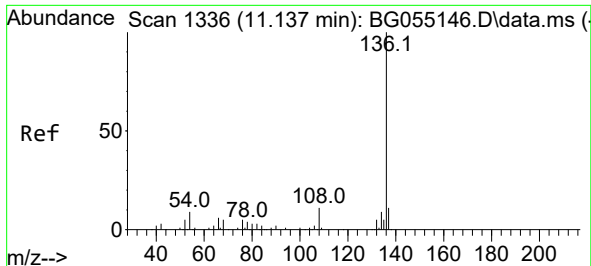
Tgt Ion:	70	Resp:	78650
Ion Ratio	Lower	Upper	
70	100		
42	65.1	50.1	75.1
101	9.5	6.6	10.0
130	19.2	14.7	22.1



#20
3+4-Methylphenols
Concen: 47.473 ng
RT: 9.059 min Scan# 982
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:	107	Resp:	118982
Ion Ratio	Lower	Upper	
107	100		
108	89.4	63.1	103.1
77	35.9	15.1	55.1
79	30.7	10.1	50.1

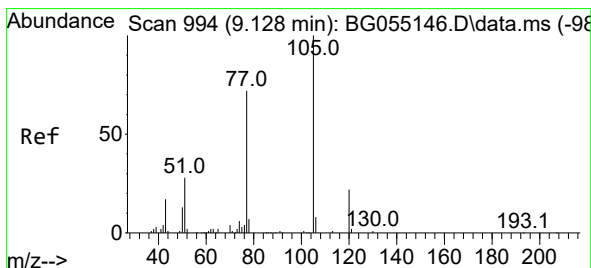
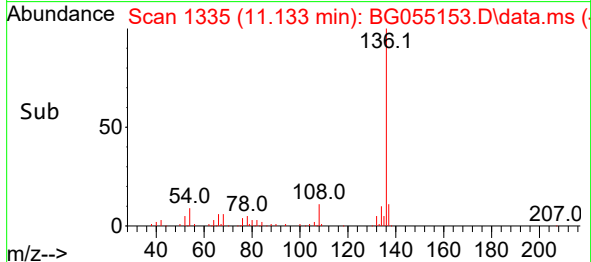
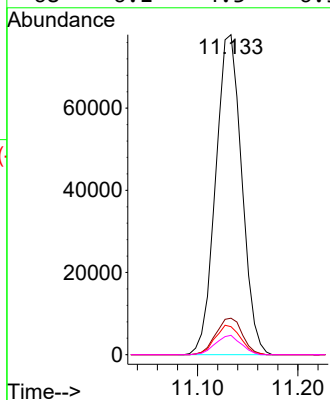
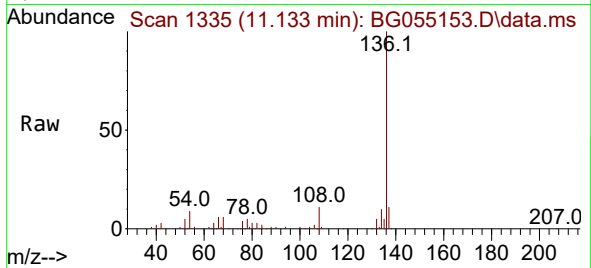




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.133 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

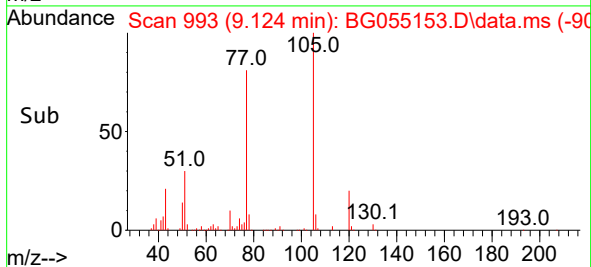
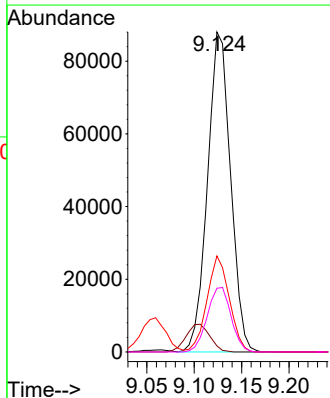
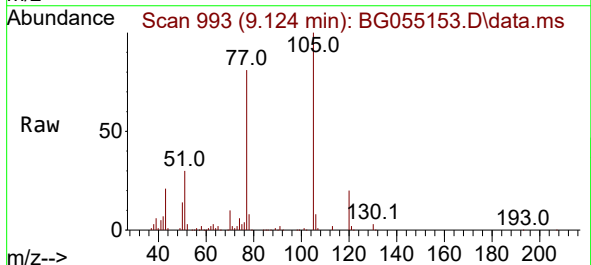
Instrument :
BNA_G
ClientSampleId :
PB148265BS

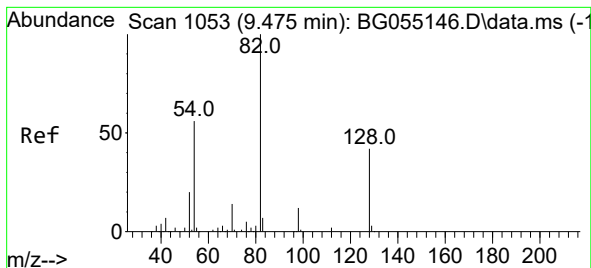
Tgt Ion:	136	Resp:	140736
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	8.8	7.0	10.6
68	6.1	4.3	6.5



#22
Acetophenone
Concen: 42.704 ng
RT: 9.124 min Scan# 993
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:	105	Resp:	148805
Ion Ratio	Lower	Upper	
105	100		
71	1.9	1.3	1.9
51	30.0	23.8	35.6
120	19.9	17.3	25.9





#23

Nitrobenzene-d5

Concen: 82.804 ng

RT: 9.471 min Scan# 1052

Delta R.T. -0.004 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

Instrument :

BNA_G

ClientSampleId :

PB148265BS

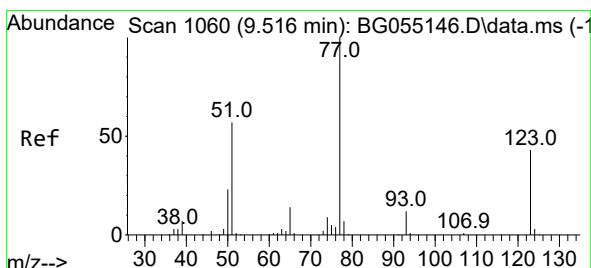
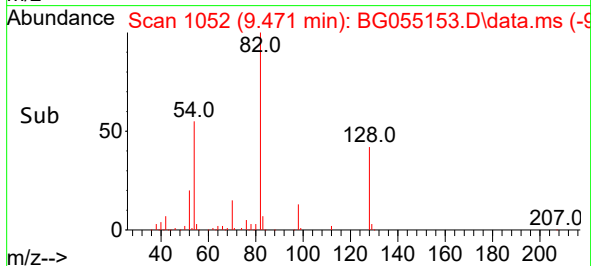
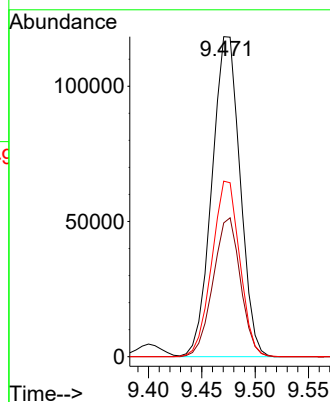
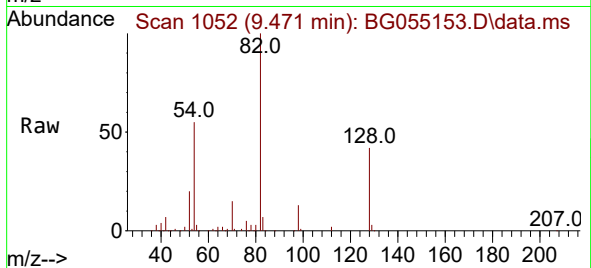
Tgt Ion: 82 Resp: 217316

Ion Ratio Lower Upper

82 100

128 41.8 33.5 50.3

54 54.8 44.7 67.1



#24

Nitrobenzene

Concen: 41.078 ng

RT: 9.518 min Scan# 1060

Delta R.T. 0.002 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

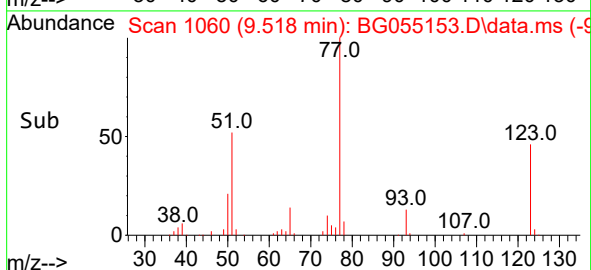
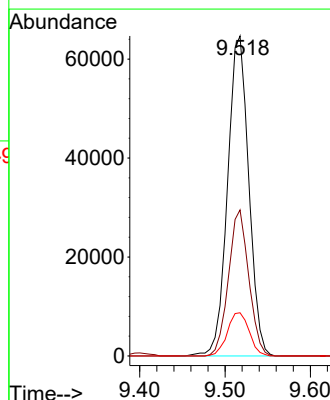
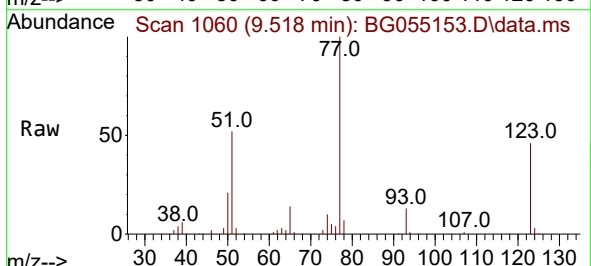
Tgt Ion: 77 Resp: 111536

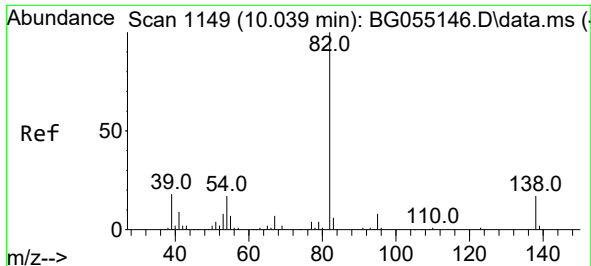
Ion Ratio Lower Upper

77 100

123 45.7 34.2 51.4

65 13.5 11.4 17.0

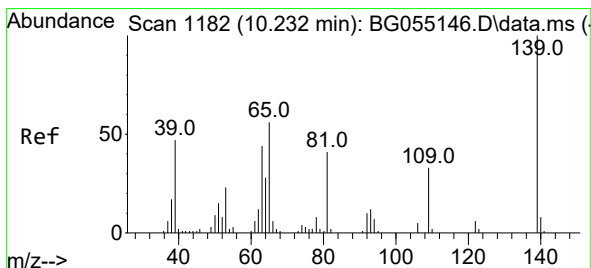
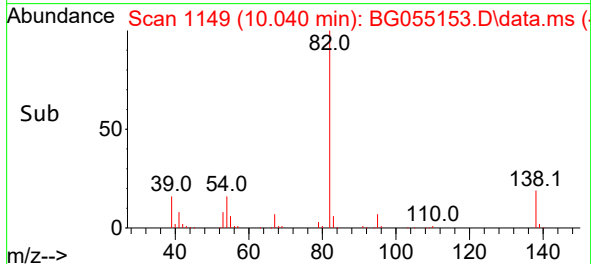
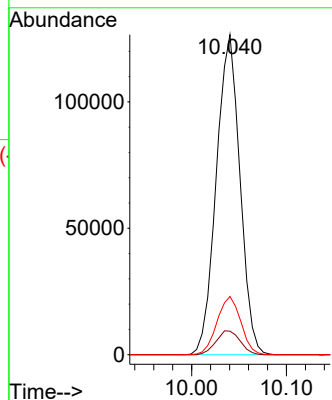
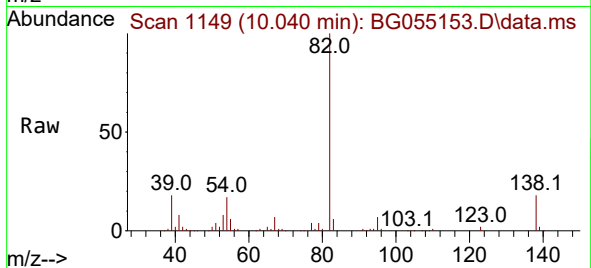




#25
Isophorone
Concen: 42.998 ng
RT: 10.040 min Scan# 1149
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

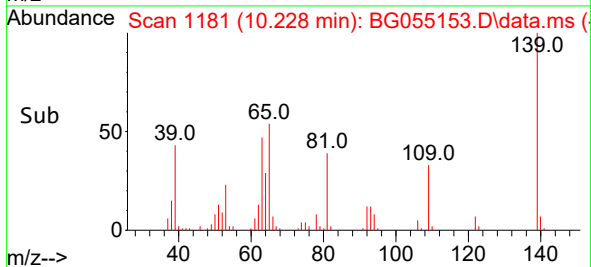
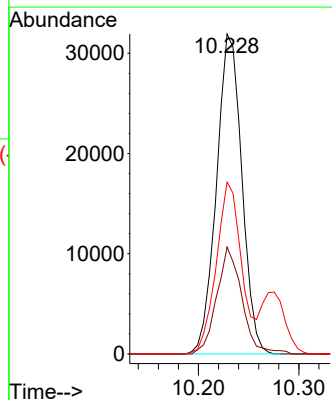
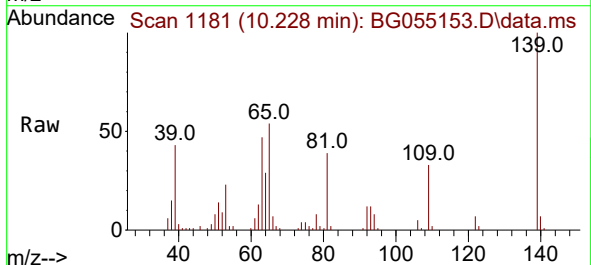
Instrument :
BNA_G
ClientSampleId :
PB148265BS

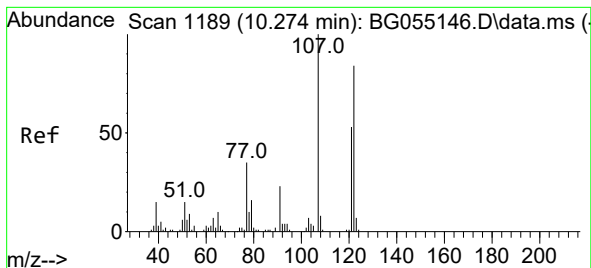
Tgt Ion: 82 Resp: 219151
Ion Ratio Lower Upper
82 100
95 7.3 6.3 9.5
138 18.2 13.8 20.6



#26
2-Nitrophenol
Concen: 43.520 ng
RT: 10.228 min Scan# 1181
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:139 Resp: 55987
Ion Ratio Lower Upper
139 100
109 33.4 26.5 39.7
65 53.7 44.4 66.6

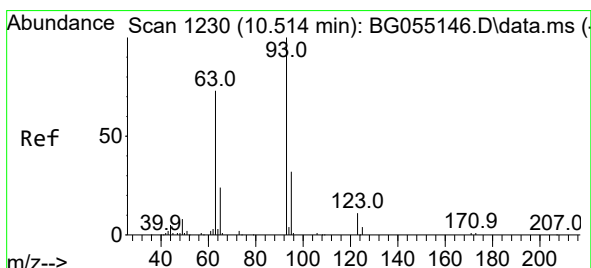
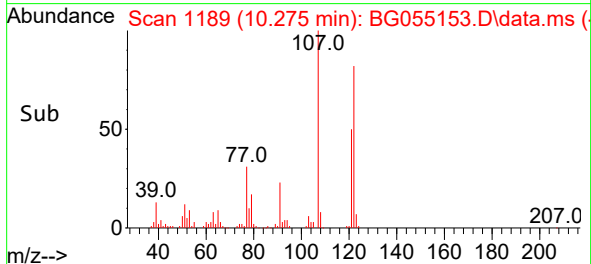
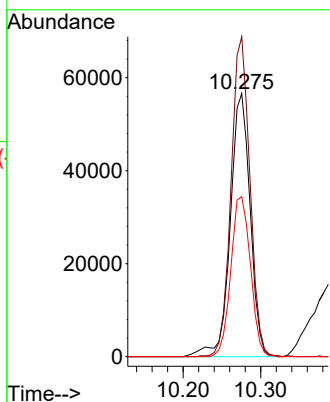
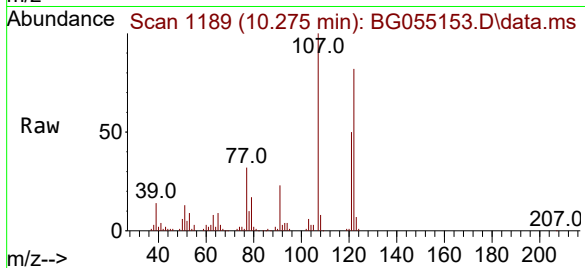




#27
2,4-Dimethylphenol
Concen: 51.496 ng
RT: 10.275 min Scan# 1189
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

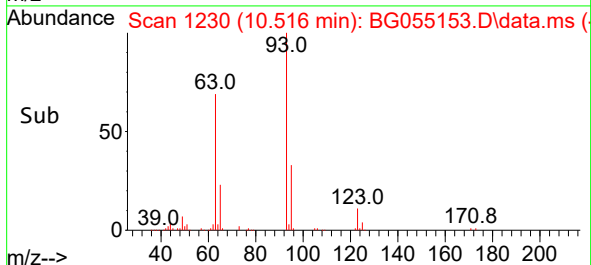
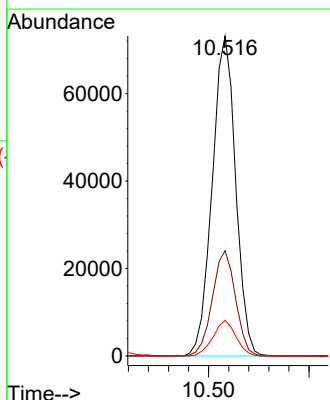
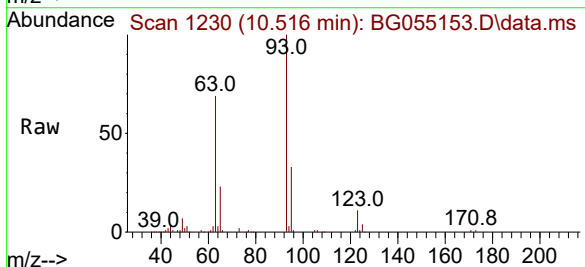
Instrument :
BNA_G
ClientSampleId :
PB148265BS

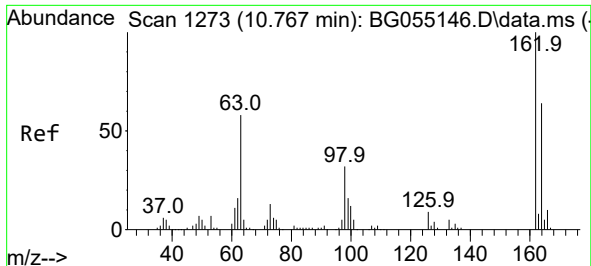
Tgt Ion:122 Resp: 100750
Ion Ratio Lower Upper
122 100
107 121.6 95.3 142.9
121 60.8 50.4 75.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.783 ng
RT: 10.516 min Scan# 1230
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion: 93 Resp: 118169
Ion Ratio Lower Upper
93 100
95 32.9 26.0 39.0
123 11.1 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 44.366 ng

RT: 10.763 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

Instrument :

BNA_G

ClientSampleId :

PB148265BS

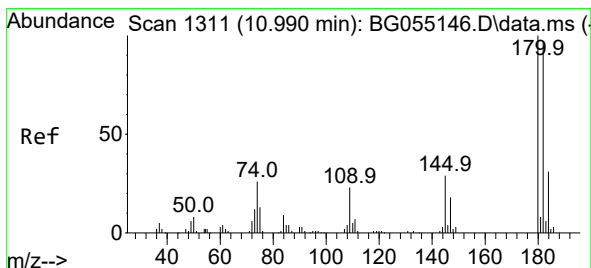
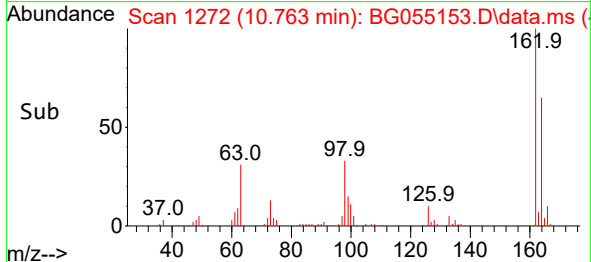
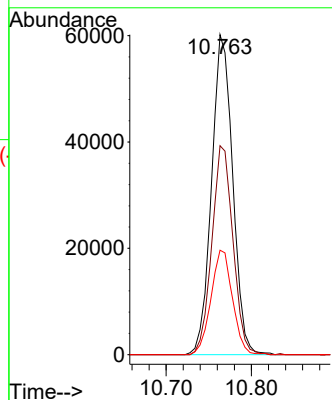
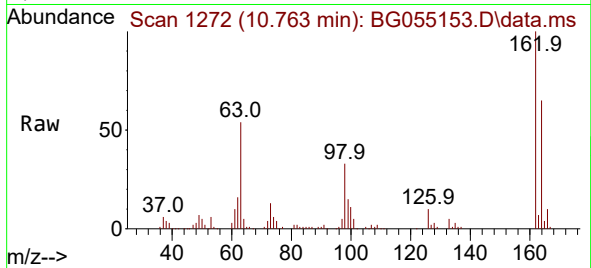
Tgt Ion:162 Resp: 103741

Ion Ratio Lower Upper

162 100

164 65.3 43.6 83.6

98 32.7 12.3 52.3



#30

1,2,4-Trichlorobenzene

Concen: 39.560 ng

RT: 10.986 min Scan# 1310

Delta R.T. -0.004 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

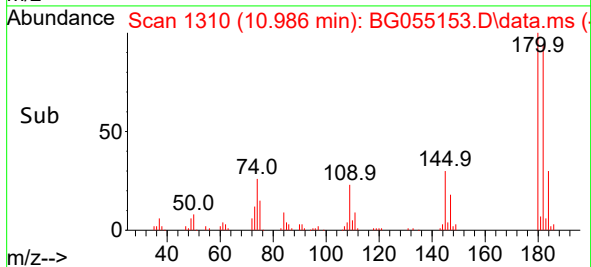
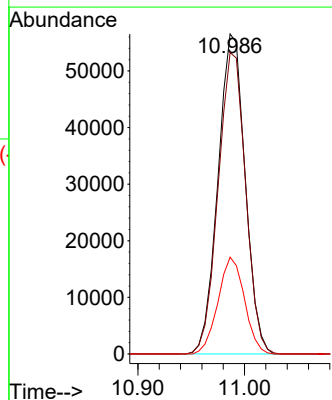
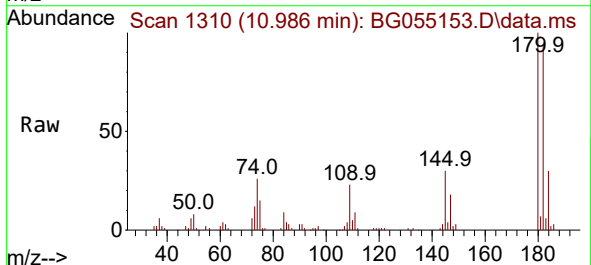
Tgt Ion:180 Resp: 99783

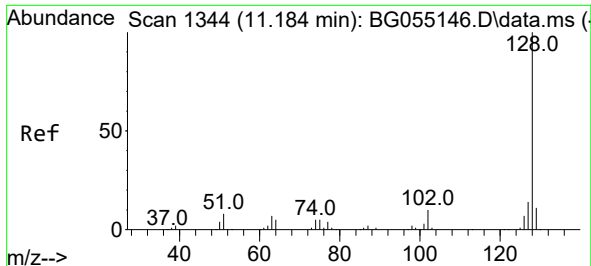
Ion Ratio Lower Upper

180 100

182 94.2 77.2 115.8

145 30.2 22.8 34.2

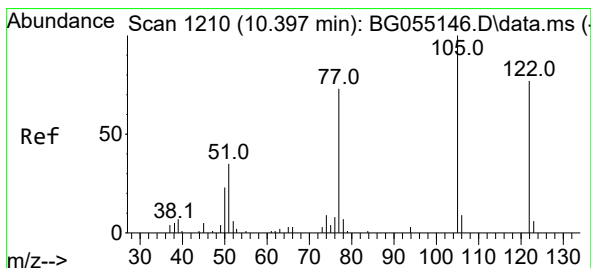
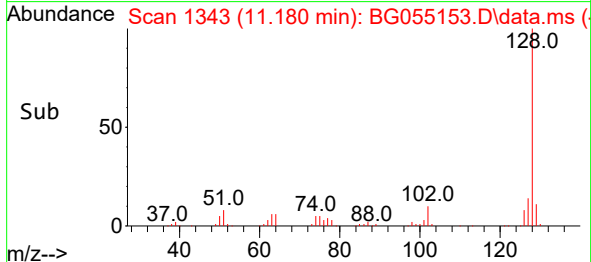
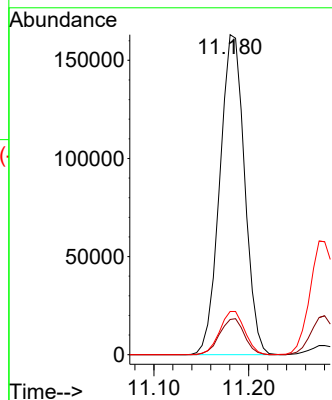
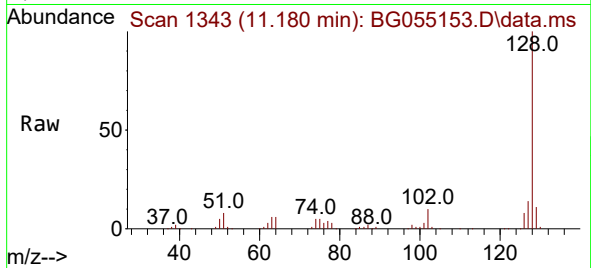




#31
Naphthalene
Concen: 40.035 ng
RT: 11.180 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

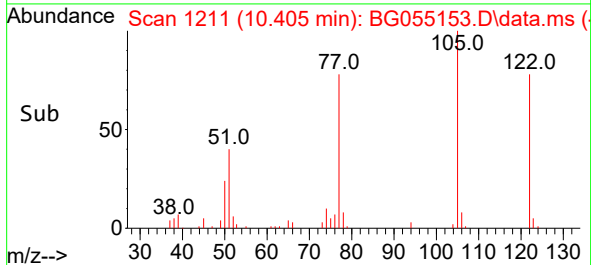
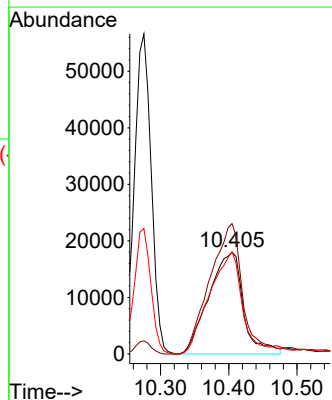
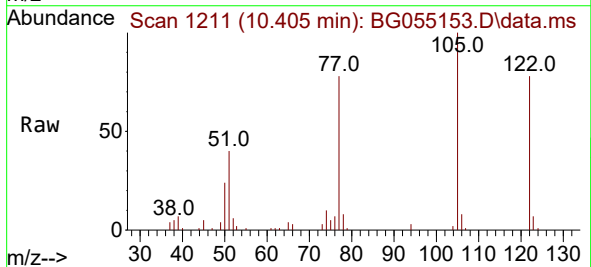
Instrument :
BNA_G
ClientSampleId :
PB148265BS

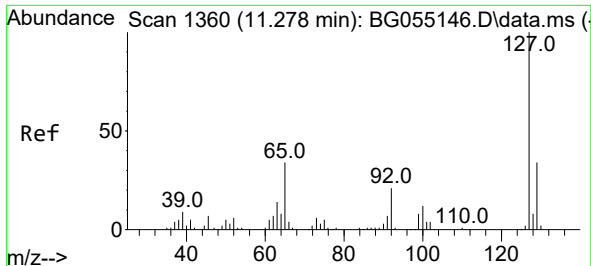
Tgt Ion:128 Resp: 296322
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.5 11.1 16.7



#32
Benzoic acid
Concen: 38.515 ng
RT: 10.405 min Scan# 1211
Delta R.T. 0.008 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:122 Resp: 63213
Ion Ratio Lower Upper
122 100
105 128.1 107.2 147.2
77 100.4 74.2 114.2

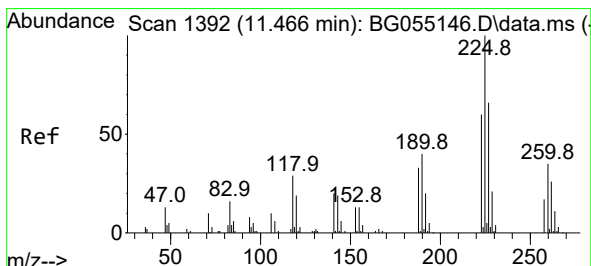
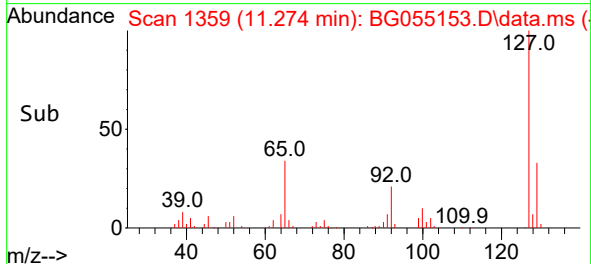
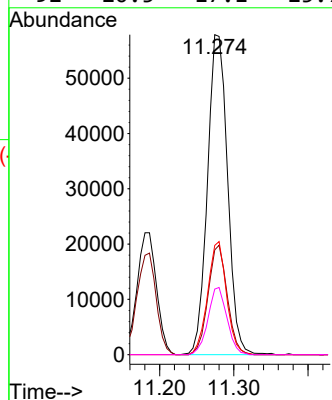
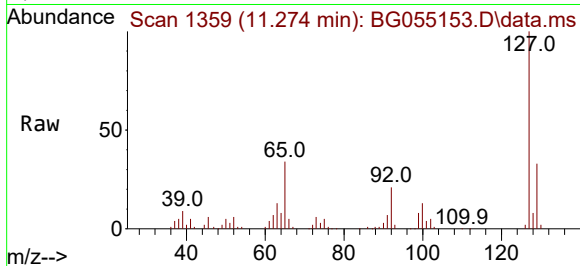




#33
4-Chloroaniline
Concen: 34.292 ng
RT: 11.274 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

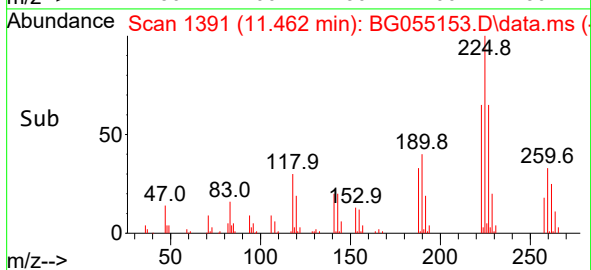
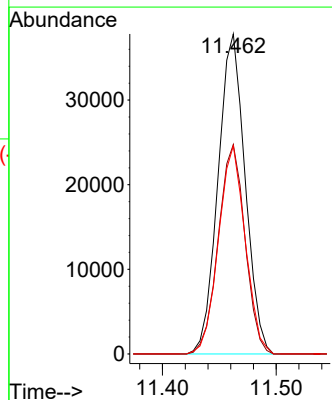
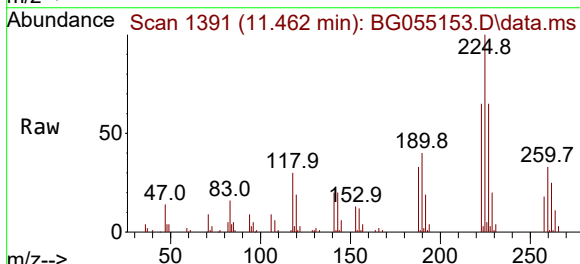
Instrument :
BNA_G
ClientSampleId :
PB148265BS

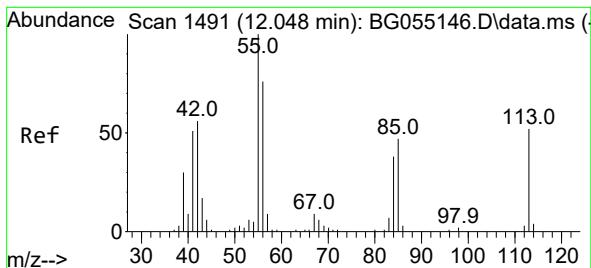
Tgt Ion:	127	Resp:	109098
Ion	Ratio	Lower	Upper
127	100		
129	32.8	27.0	40.4
65	34.2	27.4	41.2
92	20.5	17.1	25.7



#34
Hexachlorobutadiene
Concen: 38.960 ng
RT: 11.462 min Scan# 1391
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:	225	Resp:	62659
Ion	Ratio	Lower	Upper
225	100		
223	65.5	48.2	72.4
227	67.5	52.5	78.7





#35

Caprolactam

Concen: 20.654 ng

RT: 12.044 min Scan# 1491

Delta R.T. -0.004 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

Instrument :

BNA_G

ClientSampleId :

PB148265BS

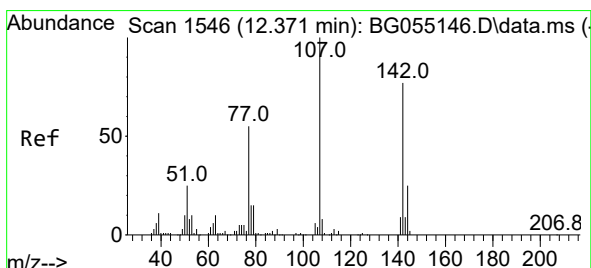
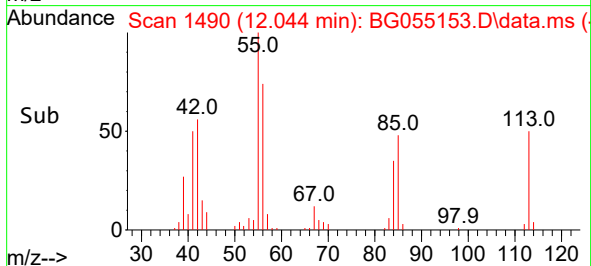
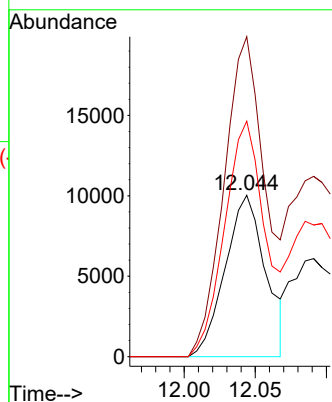
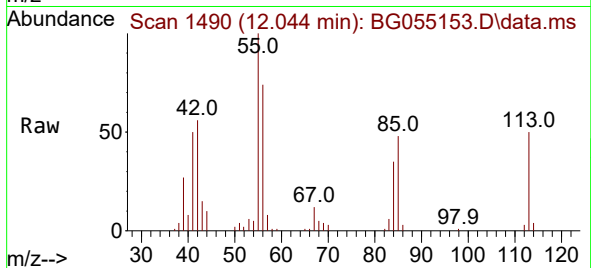
Tgt Ion:113 Resp: 19840

Ion Ratio Lower Upper

113 100

55 198.3 172.1 212.1

56 145.9 126.0 166.0



#36

4-Chloro-3-methylphenol

Concen: 45.043 ng

RT: 12.373 min Scan# 1546

Delta R.T. 0.002 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

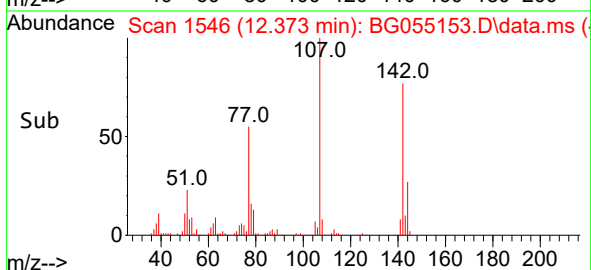
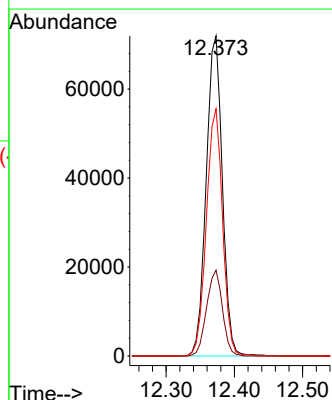
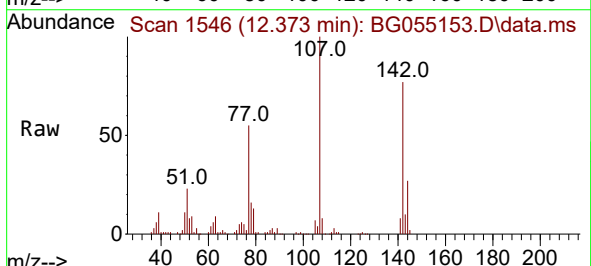
Tgt Ion:107 Resp: 118773

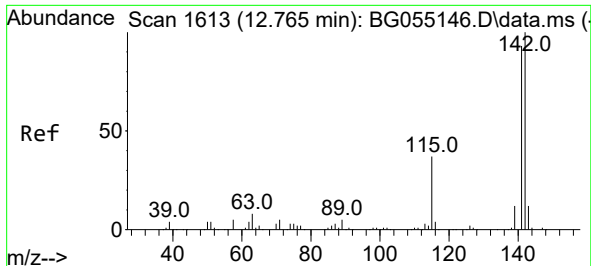
Ion Ratio Lower Upper

107 100

144 26.8 19.8 29.8

142 77.2 61.9 92.9

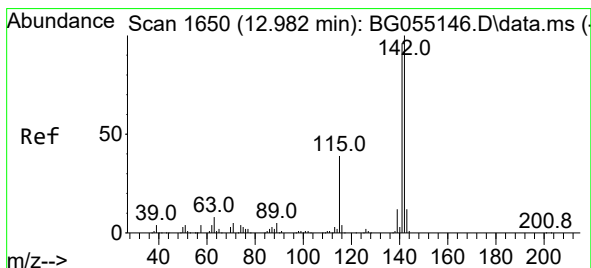
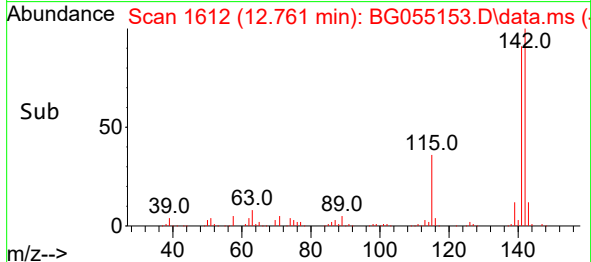
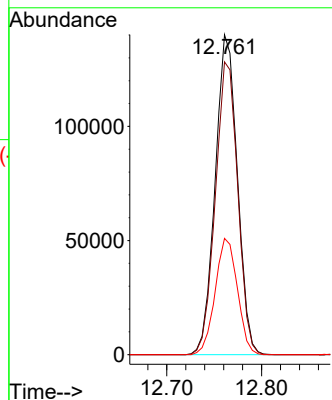
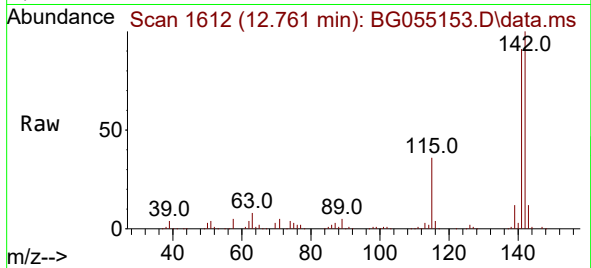




#37
2-Methylnaphthalene
Concen: 41.169 ng
RT: 12.761 min Scan# 1612
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

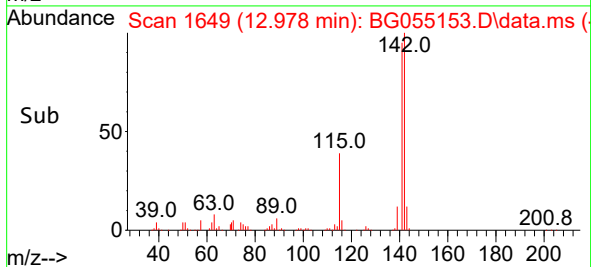
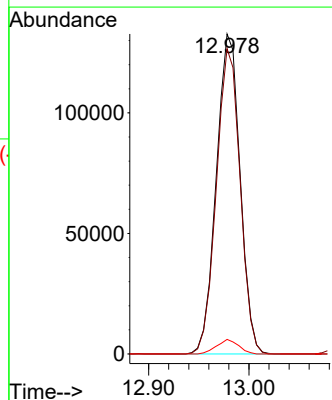
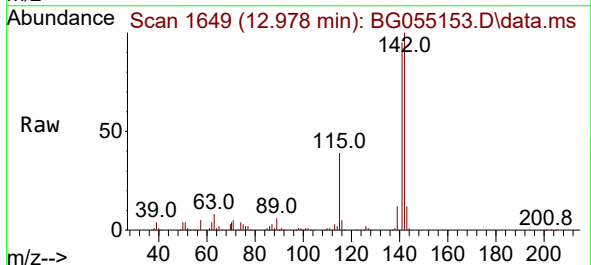
Instrument :
BNA_G
ClientSampleId :
PB148265BS

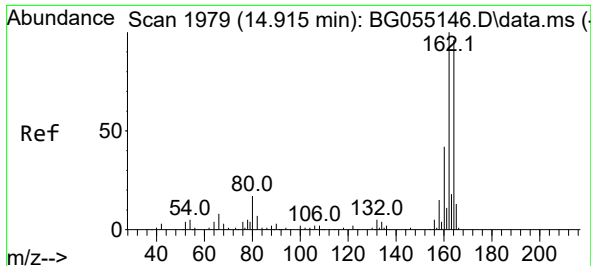
Tgt Ion:142 Resp: 228177
Ion Ratio Lower Upper
142 100
141 91.5 74.8 112.2
115 36.3 29.8 44.6



#38
1-Methylnaphthalene
Concen: 40.352 ng
RT: 12.978 min Scan# 1649
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:142 Resp: 218202
Ion Ratio Lower Upper
142 100
141 95.4 76.9 115.3
116 4.6 3.2 4.8

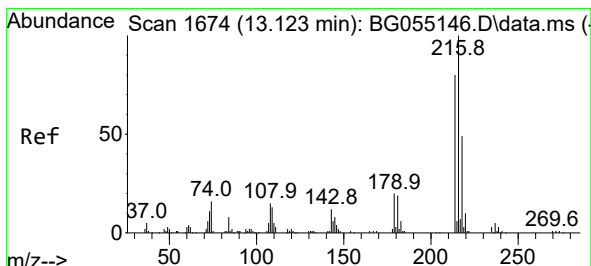
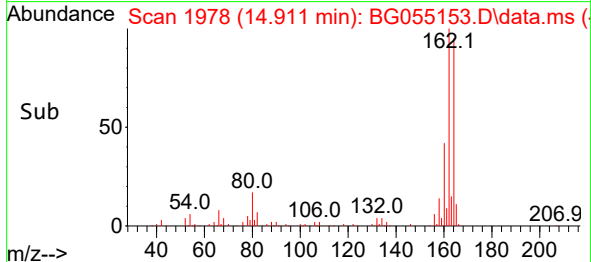
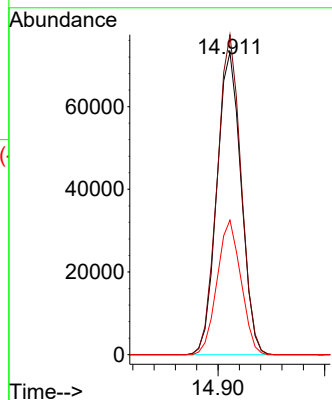
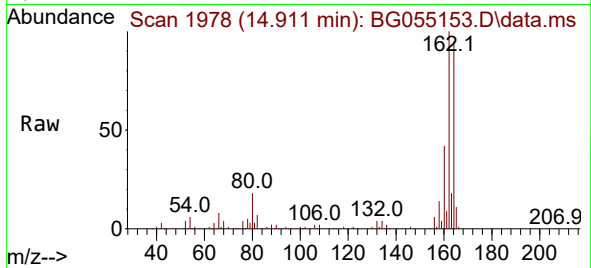




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.911 min Scan# 1979
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

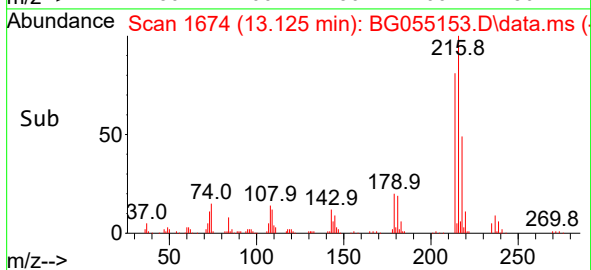
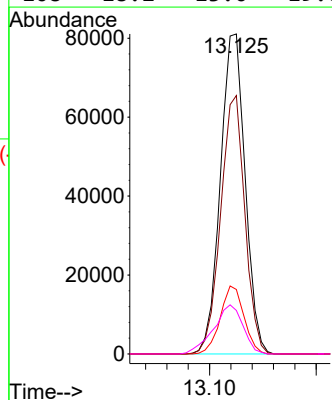
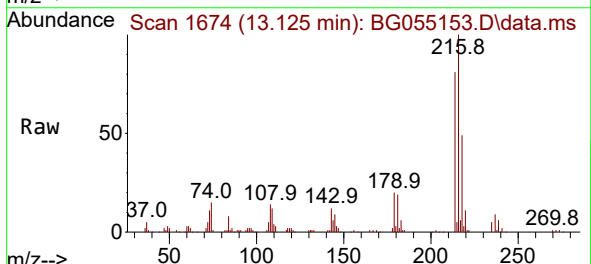
Instrument :
BNA_G
ClientSampleId :
PB148265BS

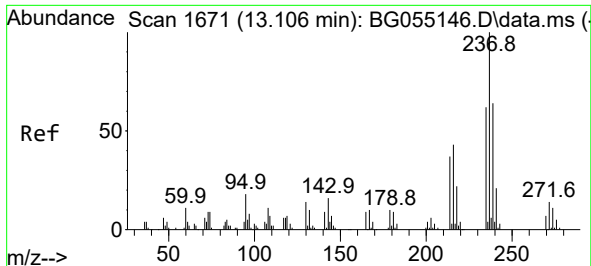
Tgt Ion:164 Resp: 115068
Ion Ratio Lower Upper
164 100
162 105.8 83.3 124.9
160 44.5 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.291 ng
RT: 13.125 min Scan# 1674
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

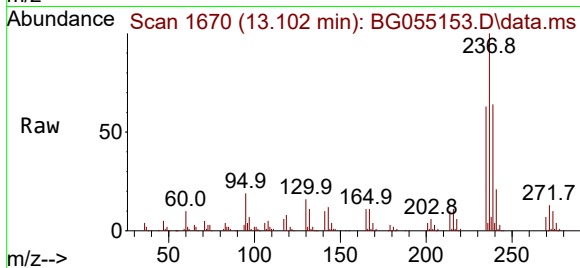
Tgt Ion:216 Resp: 130764
Ion Ratio Lower Upper
216 100
214 78.8 63.1 94.7
179 20.3 16.1 24.1
108 18.2 13.0 19.6



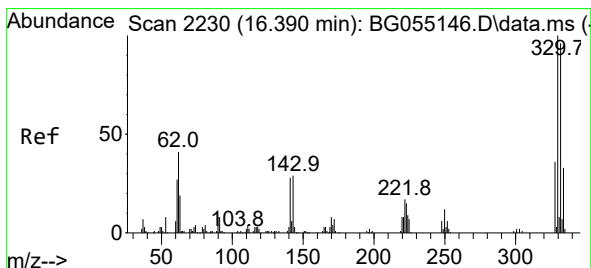
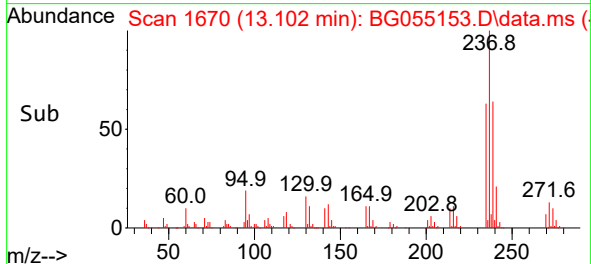
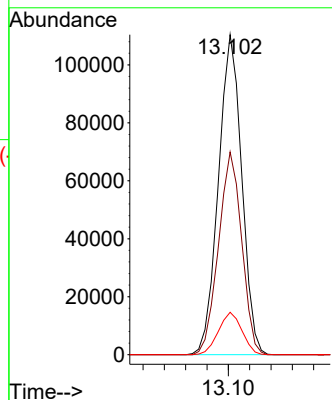


#41
Hexachlorocyclopentadiene
Concen: 103.354 ng
RT: 13.102 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Instrument :
BNA_G
ClientSampleId :
PB148265BS

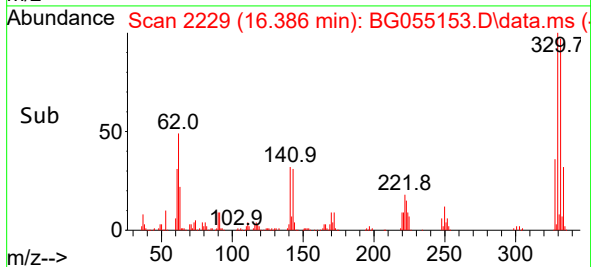
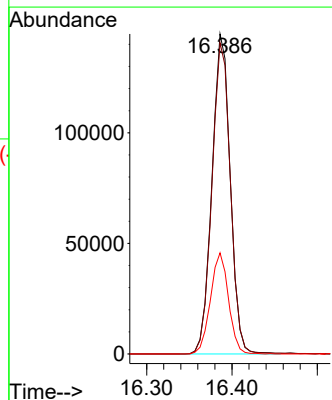
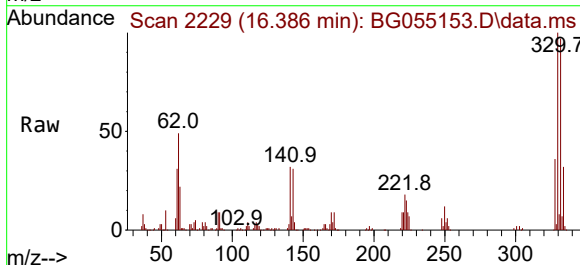


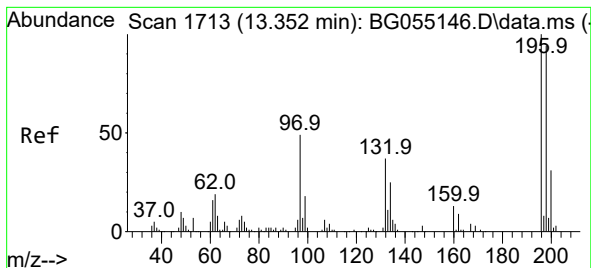
Tgt Ion:237 Resp: 167607
Ion Ratio Lower Upper
237 100
235 63.3 41.8 81.8
272 13.3 0.0 34.3



#42
2,4,6-Tribromophenol
Concen: 130.324 ng
RT: 16.386 min Scan# 2229
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:330 Resp: 215477
Ion Ratio Lower Upper
330 100
332 98.3 77.0 115.4
141 31.2 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 41.215 ng

RT: 13.348 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

Instrument :

BNA_G

ClientSampleId :

PB148265BS

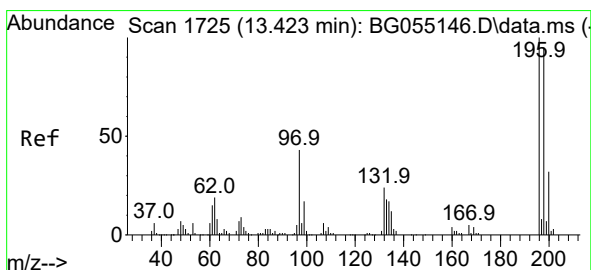
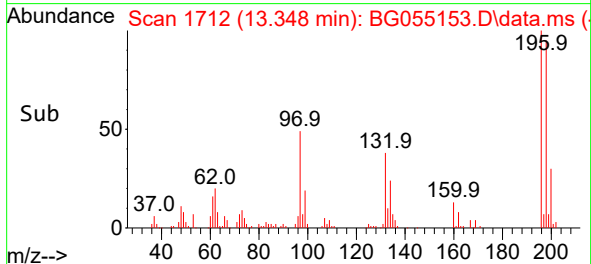
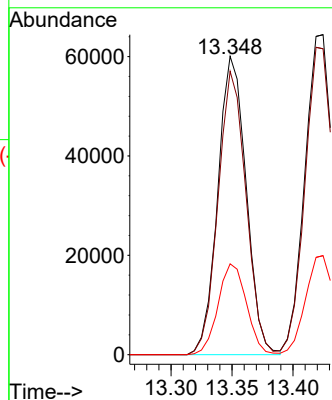
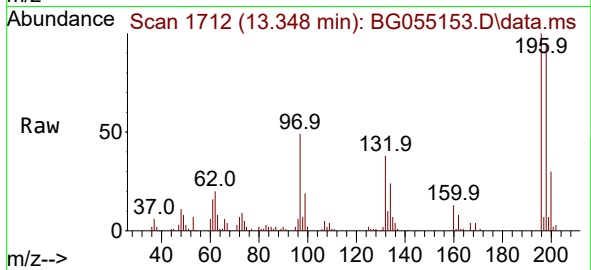
Tgt Ion:196 Resp: 97224

Ion Ratio Lower Upper

196 100

198 95.0 75.0 112.6

200 30.5 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 41.340 ng

RT: 13.425 min Scan# 1725

Delta R.T. 0.002 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

Tgt Ion:196 Resp: 108211

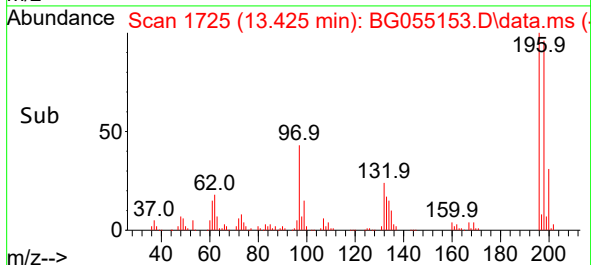
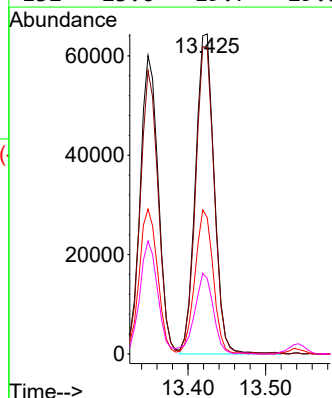
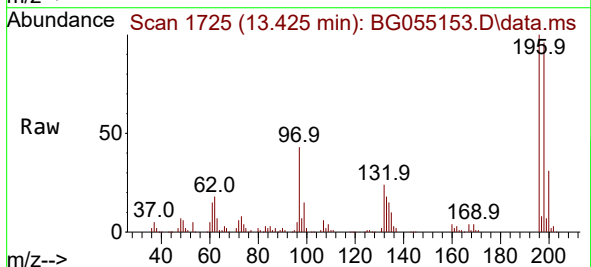
Ion Ratio Lower Upper

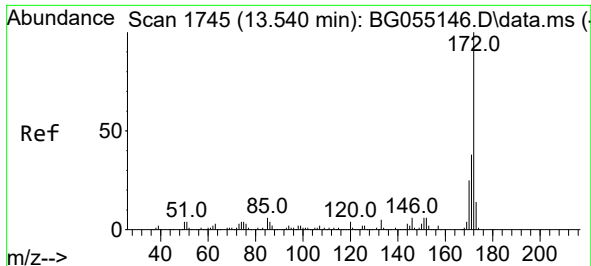
196 100

198 95.6 76.0 114.0

97 42.5 34.7 52.1

132 23.6 19.7 29.5

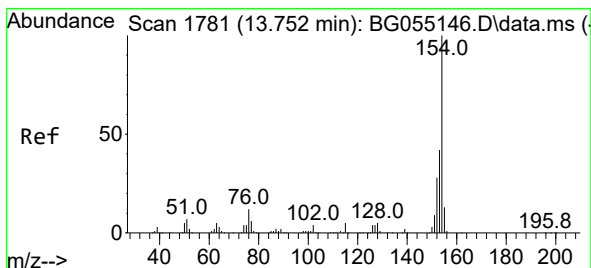
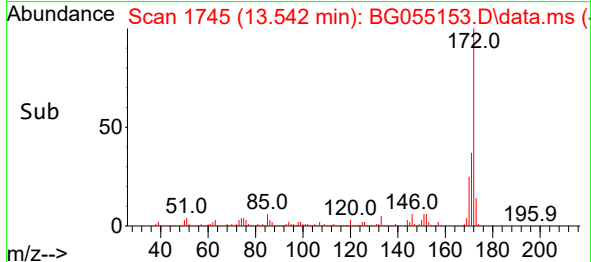
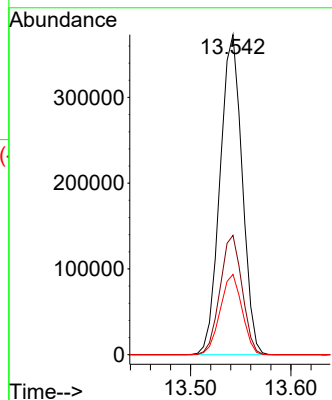
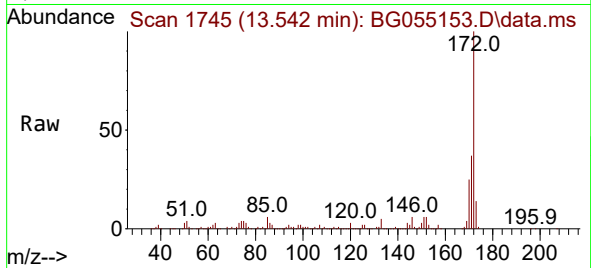




#45
2-Fluorobiphenyl
Concen: 80.886 ng
RT: 13.542 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

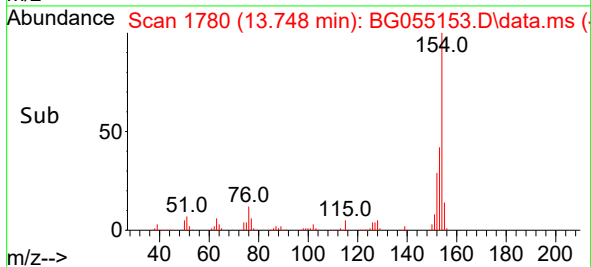
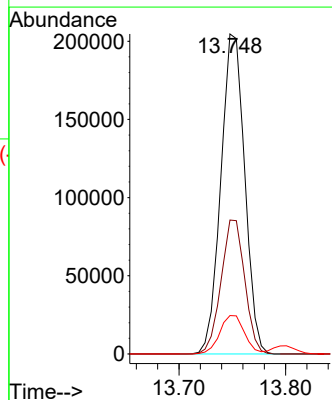
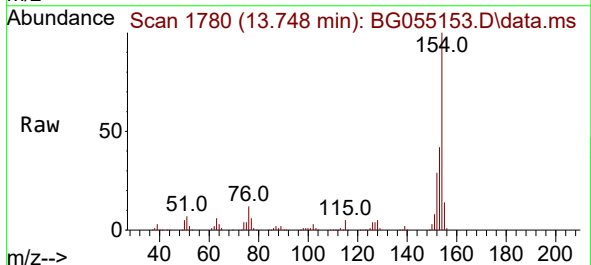
Instrument :
BNA_G
ClientSampleId :
PB148265BS

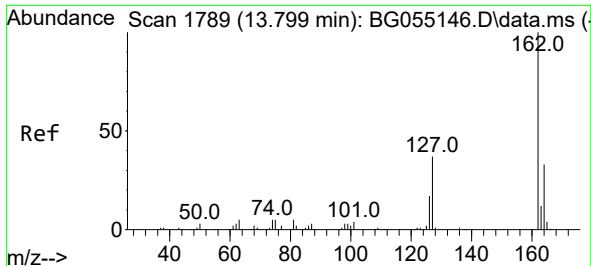
Tgt Ion:172 Resp: 569762
Ion Ratio Lower Upper
172 100
171 37.3 30.1 45.1
170 25.1 19.8 29.6



#46
1,1'-Biphenyl
Concen: 41.654 ng
RT: 13.748 min Scan# 1780
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:154 Resp: 318217
Ion Ratio Lower Upper
154 100
153 41.9 22.0 62.0
76 12.0 0.0 32.1





#47

2-Chloronaphthalene

Concen: 40.360 ng

RT: 13.801 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

Instrument :

BNA_G

ClientSampleId :

PB148265BS

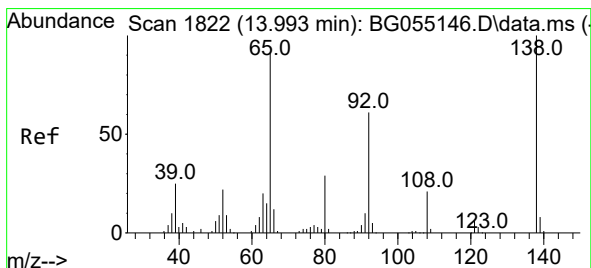
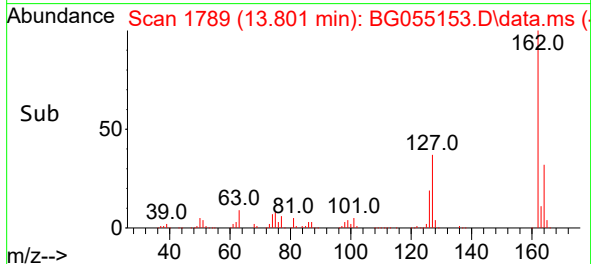
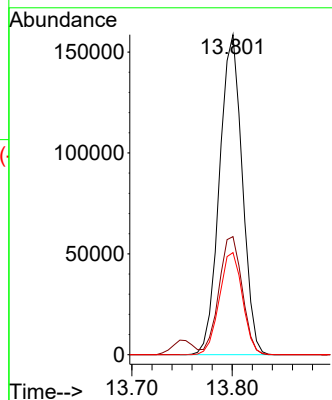
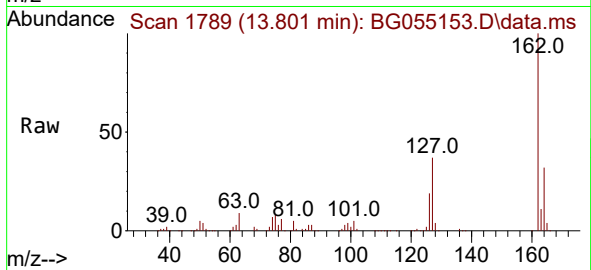
Tgt Ion:162 Resp: 249410

Ion Ratio Lower Upper

162 100

127 36.9 31.0 46.4

164 31.9 26.6 39.8



#48

2-Nitroaniline

Concen: 40.419 ng

RT: 13.989 min Scan# 1821

Delta R.T. -0.004 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

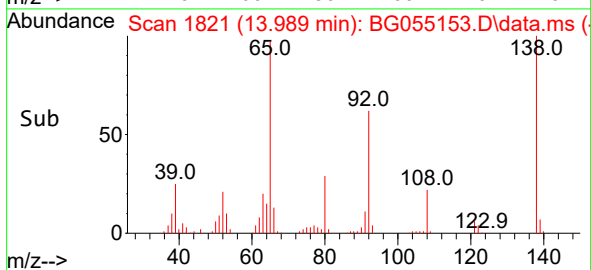
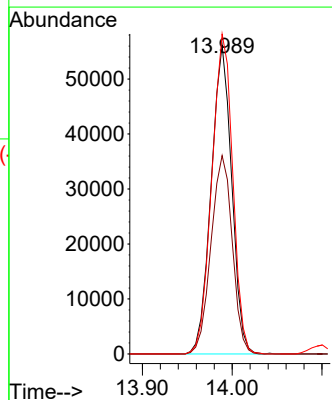
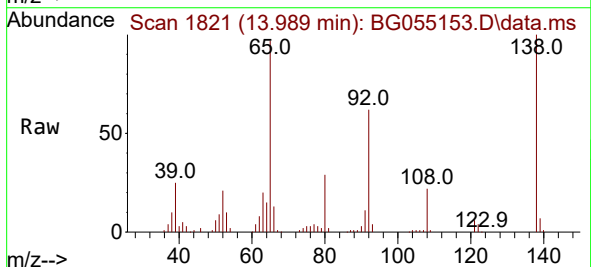
Tgt Ion: 65 Resp: 89110

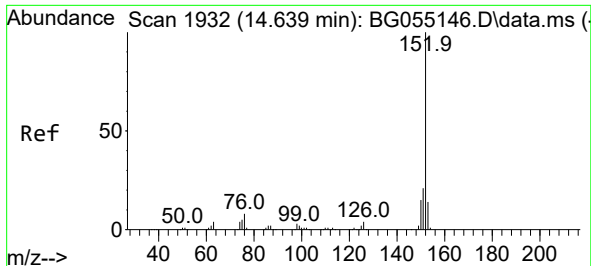
Ion Ratio Lower Upper

65 100

92 64.2 53.0 79.4

138 103.6 87.5 131.3

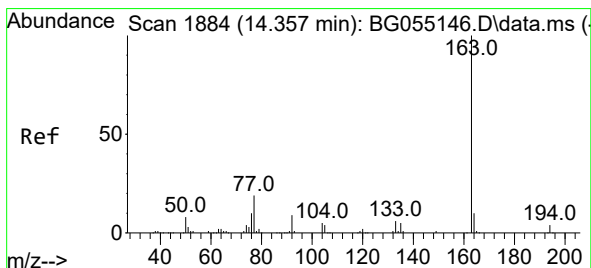
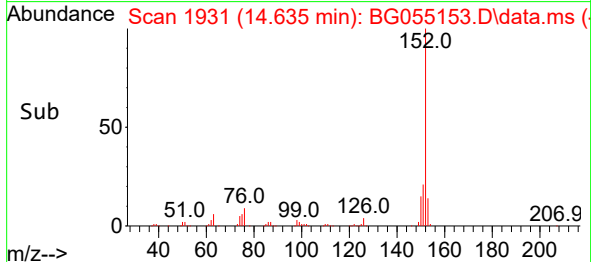
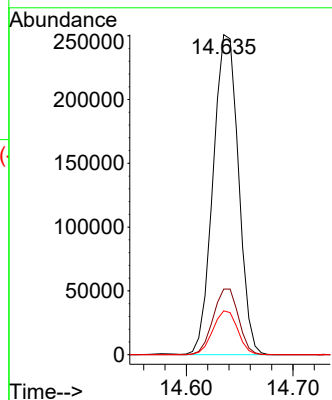
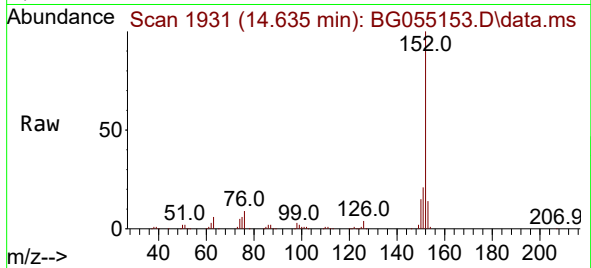




#49
Acenaphthylene
Concen: 39.953 ng
RT: 14.635 min Scan# 1932
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

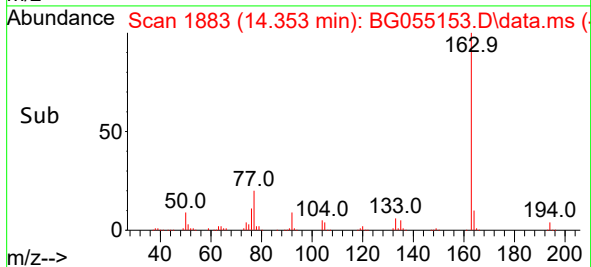
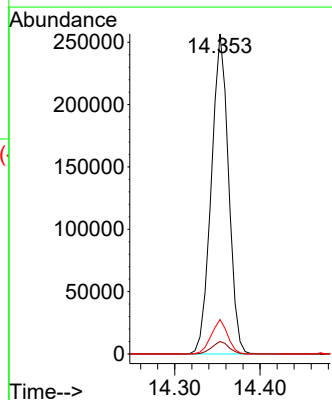
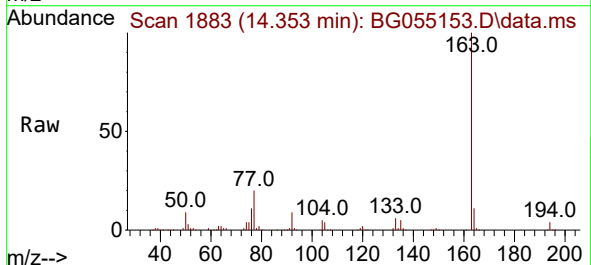
Instrument :
BNA_G
ClientSampleId :
PB148265BS

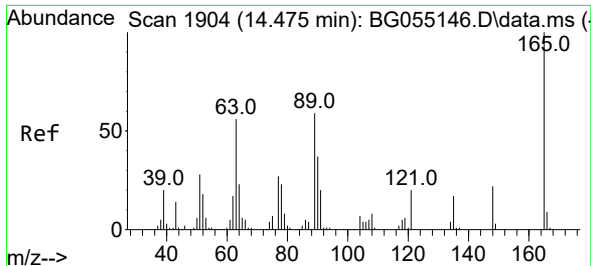
Tgt Ion:152 Resp: 414466
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 13.7 10.8 16.2



#50
Dimethylphthalate
Concen: 38.847 ng
RT: 14.353 min Scan# 1883
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:163 Resp: 359322
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.7 8.1 12.1

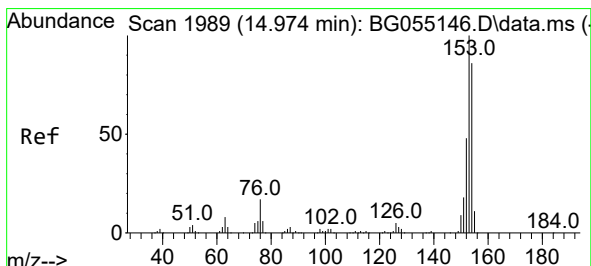
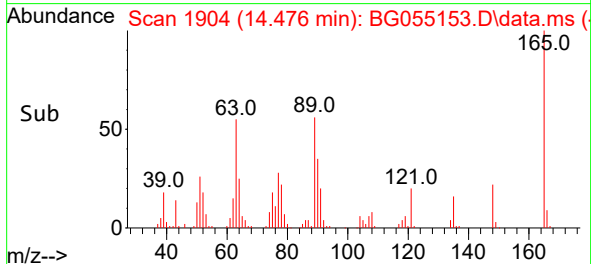
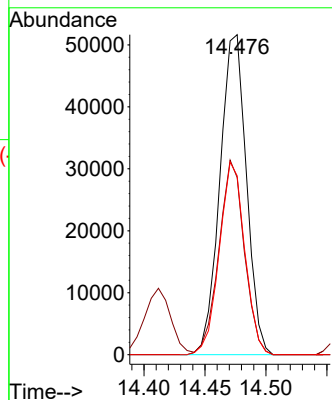
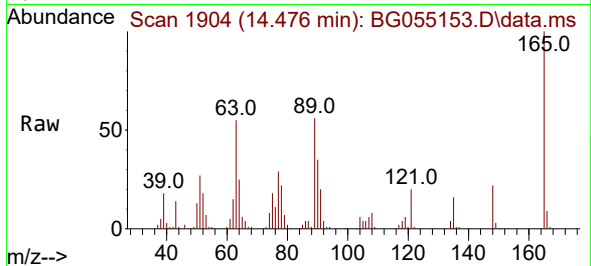




#51
2,6-Dinitrotoluene
Concen: 41.114 ng
RT: 14.476 min Scan# 1904
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

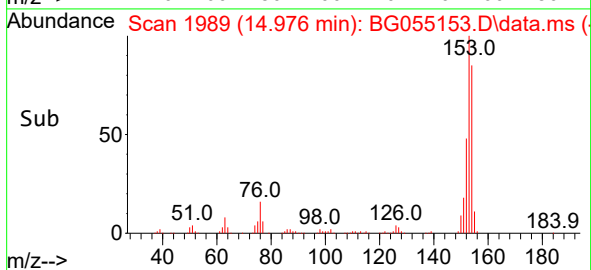
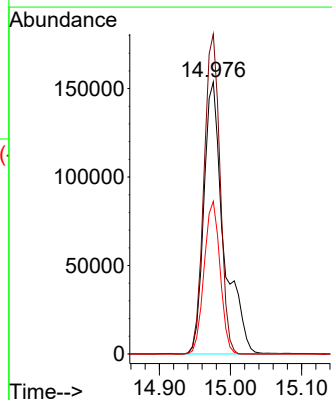
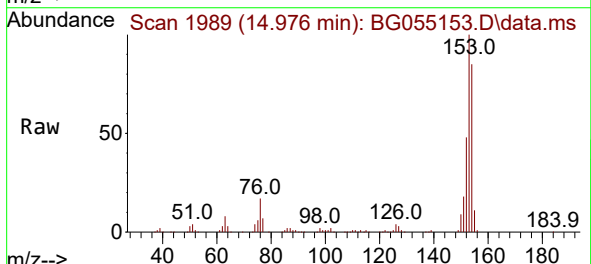
Instrument :
BNA_G
ClientSampleId :
PB148265BS

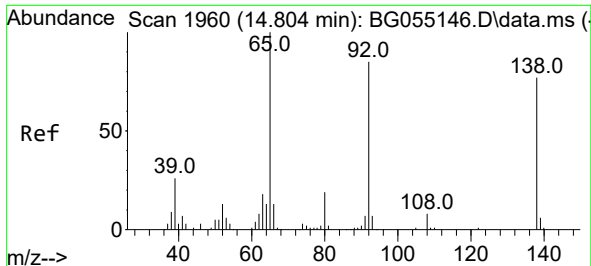
Tgt Ion:165 Resp: 78258
Ion Ratio Lower Upper
165 100
63 55.3 46.6 70.0
89 55.9 47.6 71.4



#52
Acenaphthene
Concen: 44.671 ng
RT: 14.976 min Scan# 1989
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:154 Resp: 299782
Ion Ratio Lower Upper
154 100
153 117.7 93.0 139.4
152 56.1 44.6 66.8

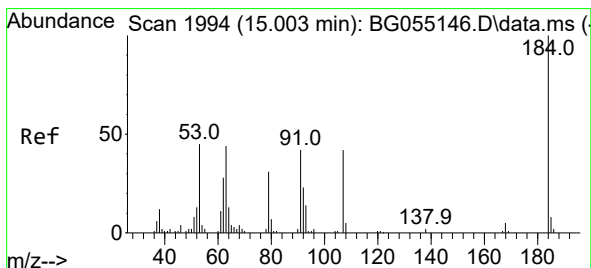
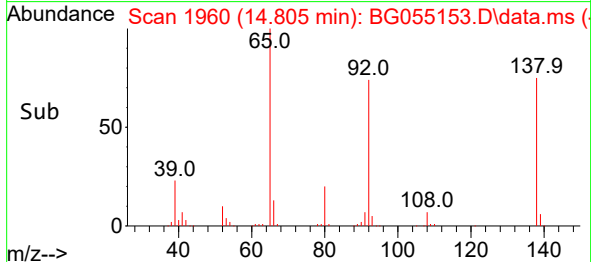
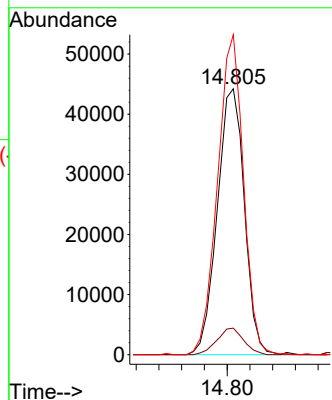
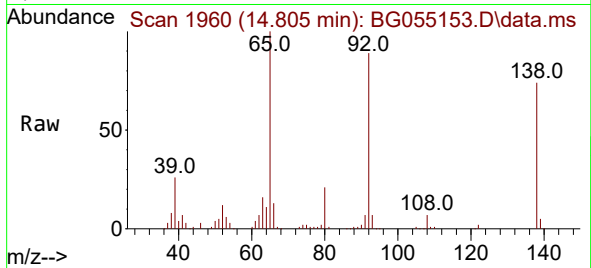




#53
3-Nitroaniline
Concen: 33.139 ng
RT: 14.805 min Scan# 1960
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

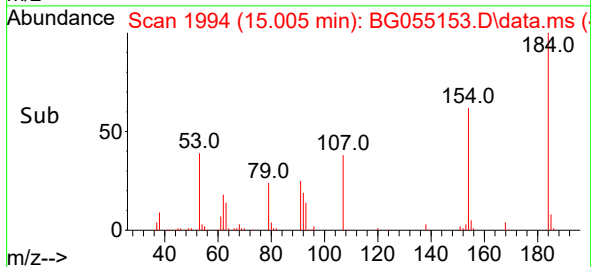
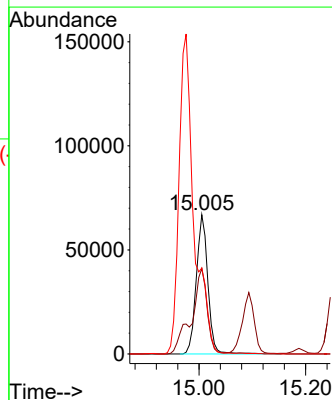
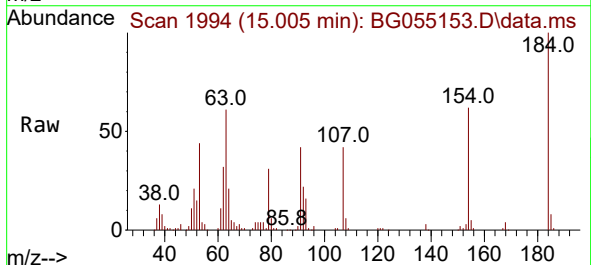
Instrument :
BNA_G
ClientSampleId :
PB148265BS

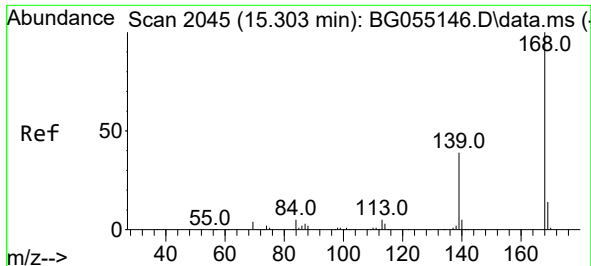
Tgt Ion:138 Resp: 73133
Ion Ratio Lower Upper
138 100
108 10.0 8.6 13.0
92 120.4 88.5 132.7



#54
2,4-Dinitrophenol
Concen: 87.305 ng
RT: 15.005 min Scan# 1994
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:184 Resp: 101089
Ion Ratio Lower Upper
184 100
63 61.4 52.6 78.8
154 61.7 59.1 88.7

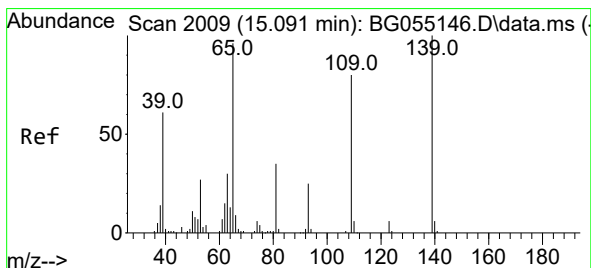
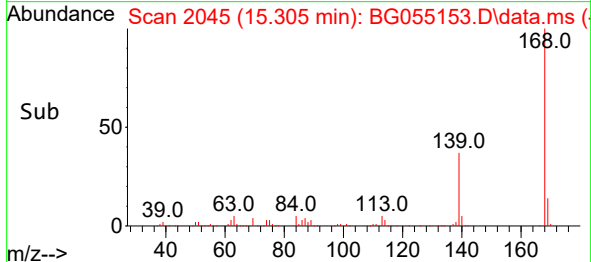
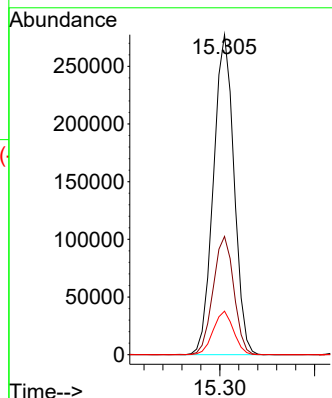
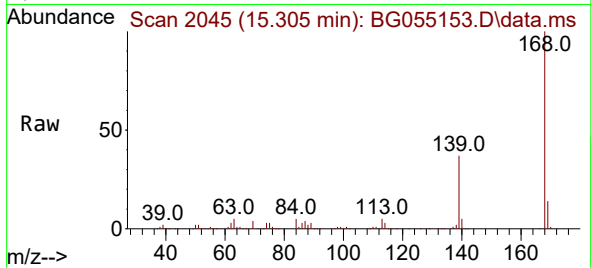




#55
Dibenzofuran
Concen: 39.892 ng
RT: 15.305 min Scan# 2045
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

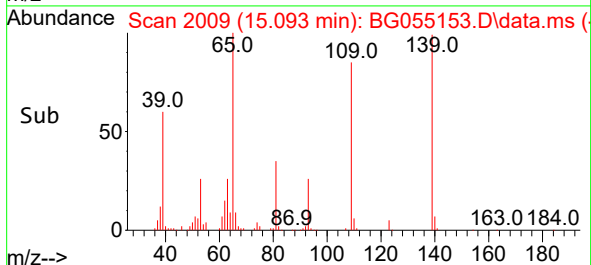
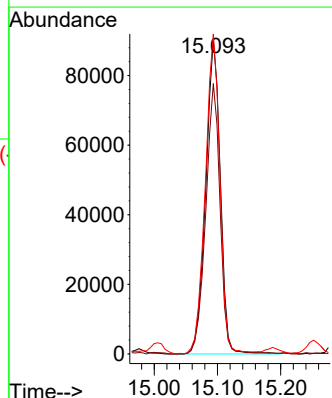
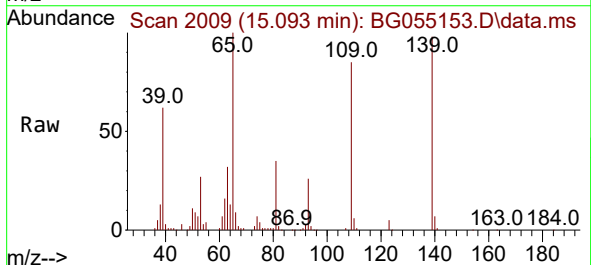
Instrument :
BNA_G
ClientSampleId :
PB148265BS

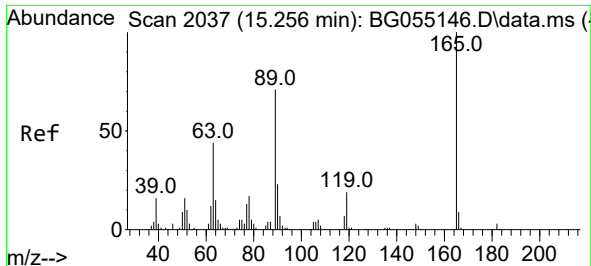
Tgt Ion:168 Resp: 417681
Ion Ratio Lower Upper
168 100
139 37.0 30.9 46.3
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 84.160 ng
RT: 15.093 min Scan# 2009
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:139 Resp: 144626
Ion Ratio Lower Upper
139 100
109 85.9 60.1 100.1
65 101.7 76.1 116.1





#57

2,4-Dinitrotoluene

Concen: 40.844 ng

RT: 15.252 min Scan# 2037

Delta R.T. -0.004 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

Instrument :

BNA_G

ClientSampleId :

PB148265BS

Tgt Ion:165 Resp: 113869

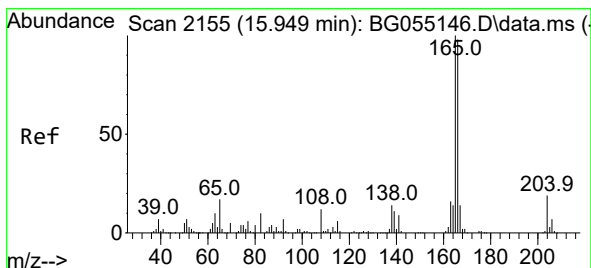
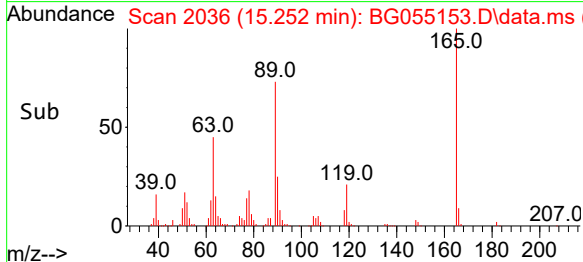
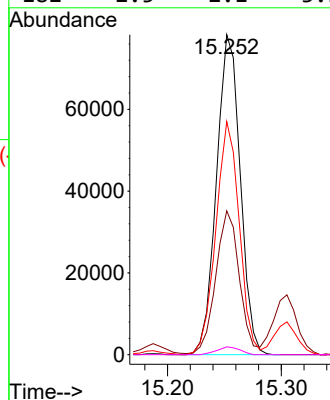
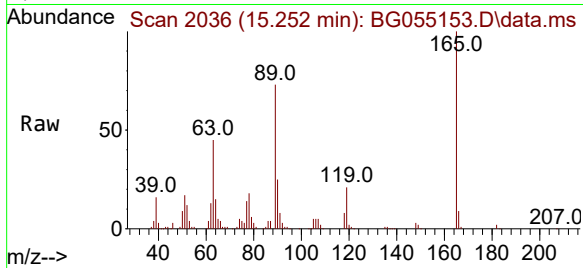
Ion Ratio Lower Upper

165 100

63 44.9 35.6 53.4

89 72.9 56.4 84.6

182 2.5 2.1 3.1



#58

Fluorene

Concen: 38.861 ng

RT: 15.951 min Scan# 2155

Delta R.T. 0.002 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

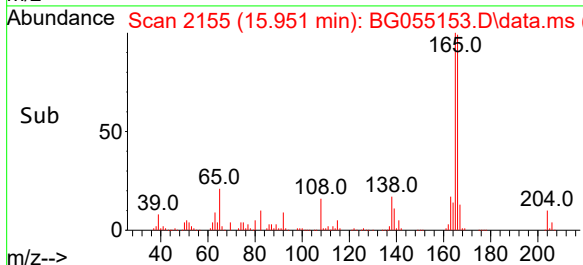
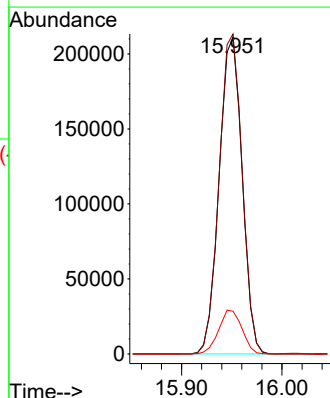
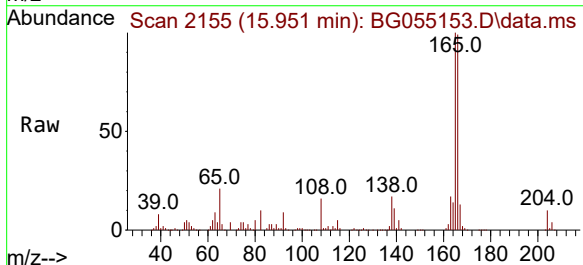
Tgt Ion:166 Resp: 334084

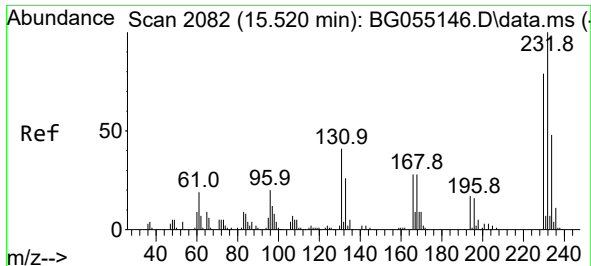
Ion Ratio Lower Upper

166 100

165 100.9 81.6 122.4

167 13.5 11.2 16.8

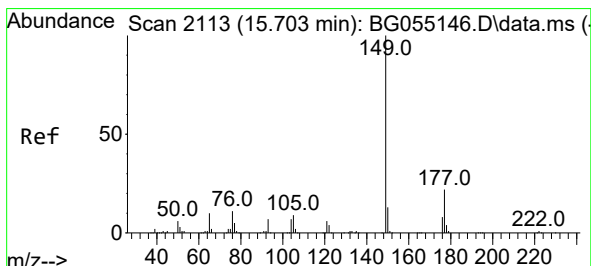
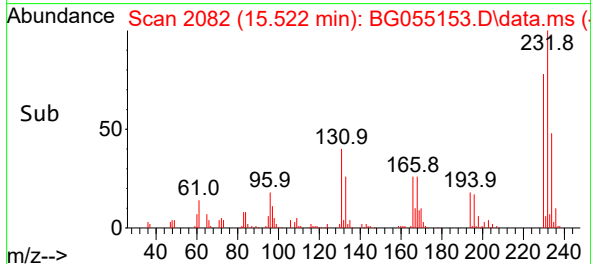
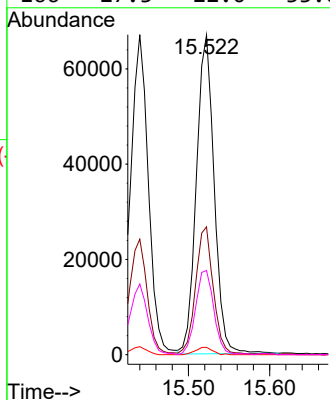
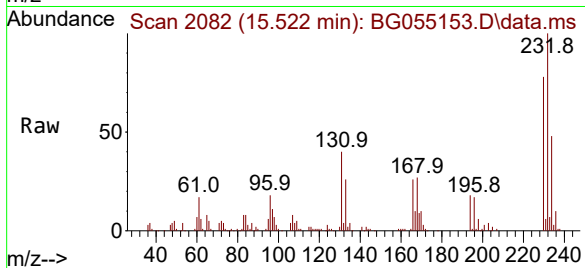




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.402 ng
RT: 15.522 min Scan# 2082
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

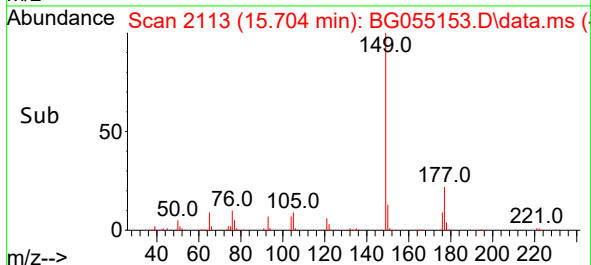
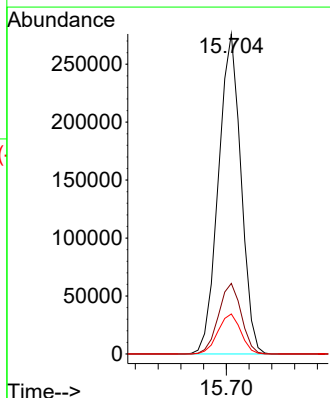
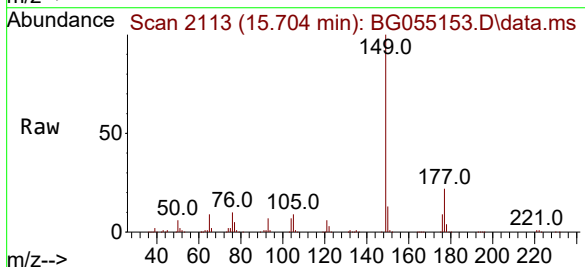
Instrument :
BNA_G
ClientSampleId :
PB148265BS

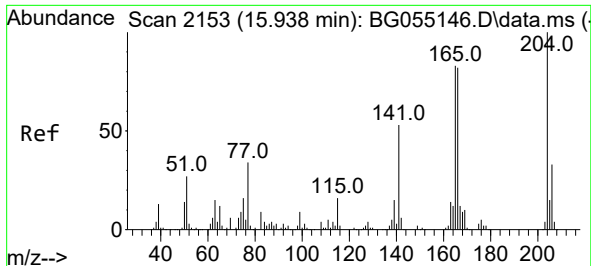
Tgt Ion:232 Resp: 101777
Ion Ratio Lower Upper
232 100
131 39.2 31.8 47.6
130 2.3 1.8 2.6
166 27.3 22.0 33.0



#60
Diethylphthalate
Concen: 39.034 ng
RT: 15.704 min Scan# 2113
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:149 Resp: 380293
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.5 10.1 15.1

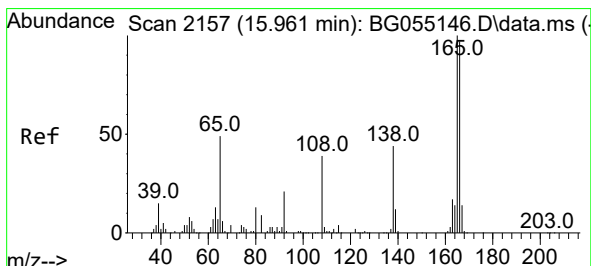
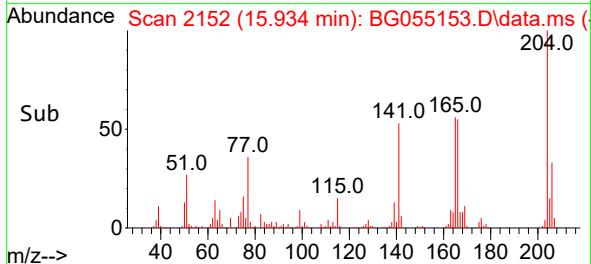
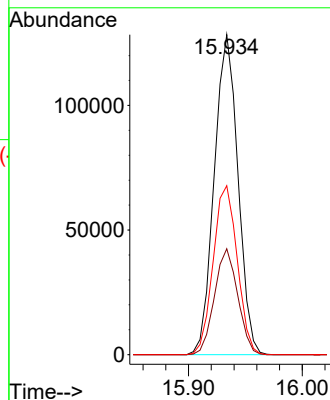
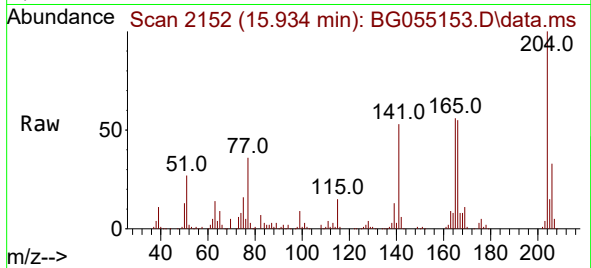




#61
4-Chlorophenyl-phenylether
Concen: 40.398 ng
RT: 15.934 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

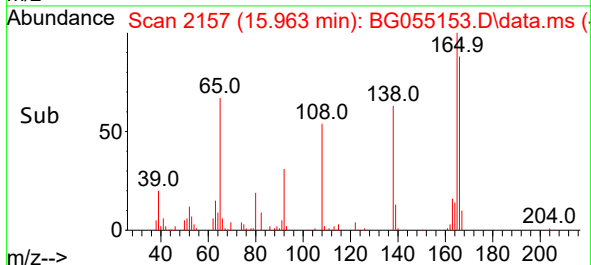
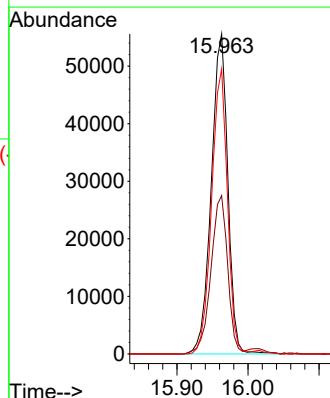
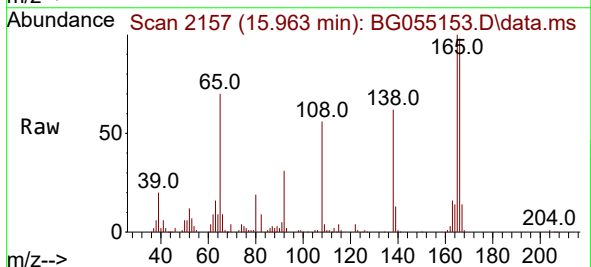
Instrument :
BNA_G
ClientSampleId :
PB148265BS

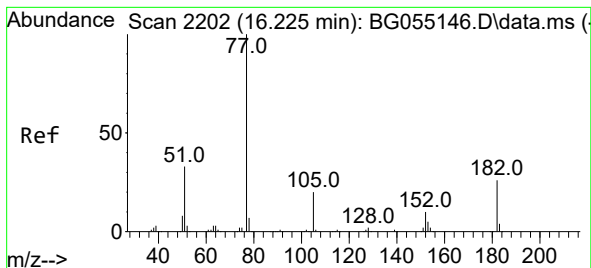
Tgt Ion:204 Resp: 185960
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 52.8 42.6 64.0



#62
4-Nitroaniline
Concen: 37.714 ng
RT: 15.963 min Scan# 2157
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:138 Resp: 89854
Ion Ratio Lower Upper
138 100
92 49.5 28.0 68.0
108 89.1 68.6 108.6





#63

Azobenzene

Concen: 39.599 ng

RT: 16.227 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

Instrument :

BNA_G

ClientSampleId :

PB148265BS

Tgt Ion: 77 Resp: 327529

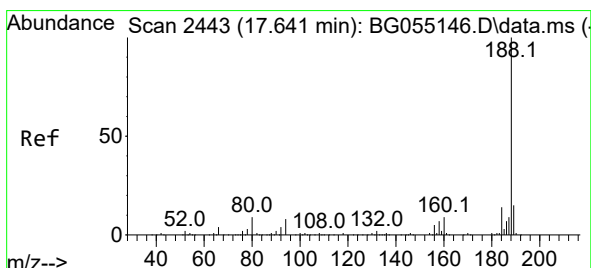
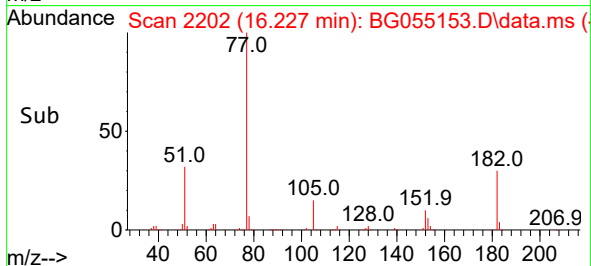
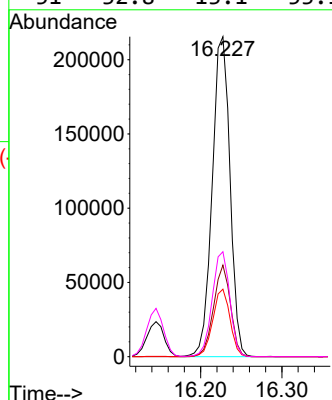
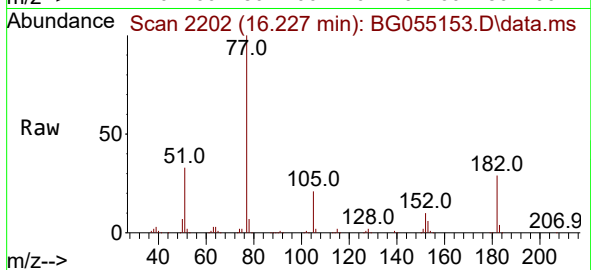
Ion Ratio Lower Upper

77 100

182 28.6 6.0 46.0

105 21.1 0.0 40.0

51 32.8 13.1 53.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.643 min Scan# 2443

Delta R.T. 0.002 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

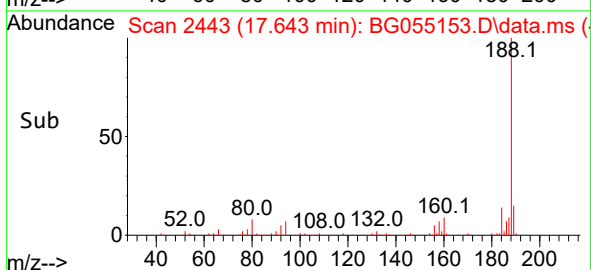
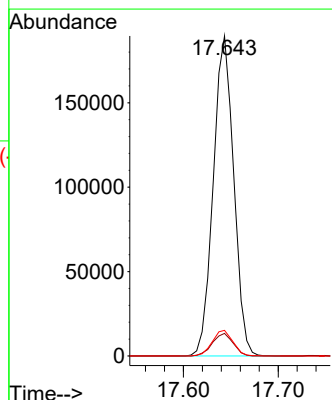
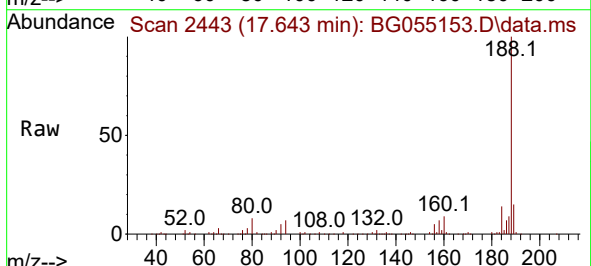
Tgt Ion:188 Resp: 283686

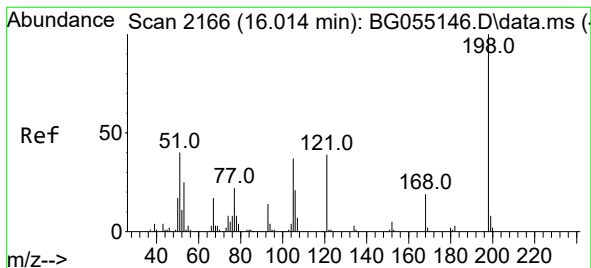
Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.2

80 8.0 7.0 10.6

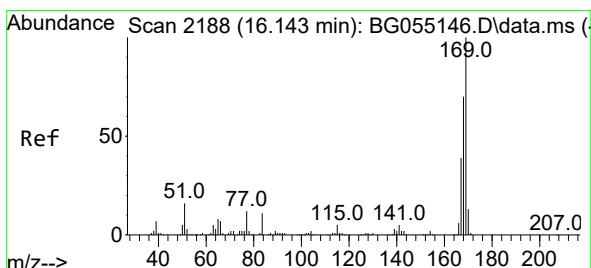
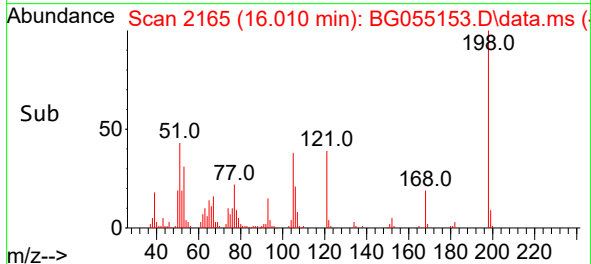
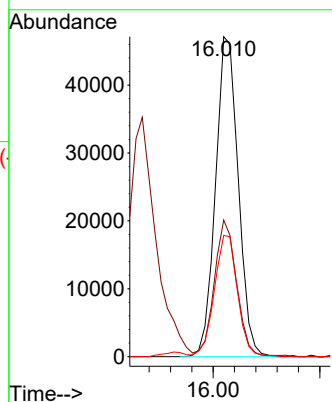
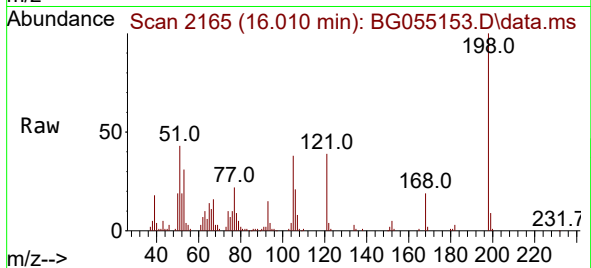




#65
4,6-Dinitro-2-methylphenol
Concen: 41.738 ng
RT: 16.010 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

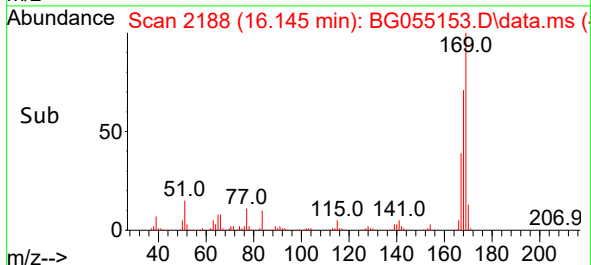
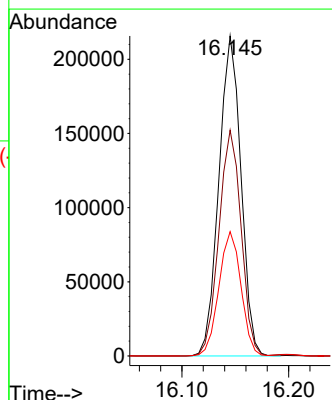
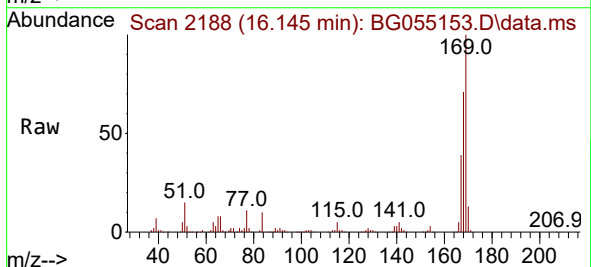
Instrument :
BNA_G
ClientSampleId :
PB148265BS

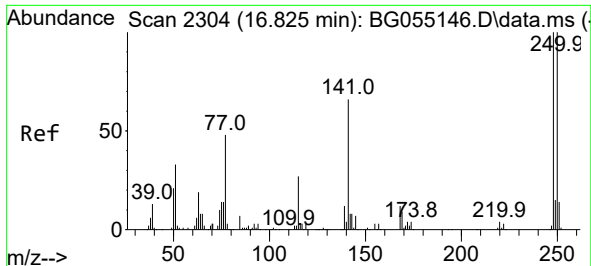
Tgt Ion:198 Resp: 69596
Ion Ratio Lower Upper
198 100
51 42.7 23.7 63.7
105 37.9 17.5 57.5



#66
n-Nitrosodiphenylamine
Concen: 41.450 ng
RT: 16.145 min Scan# 2188
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:169 Resp: 310207
Ion Ratio Lower Upper
169 100
168 70.5 56.3 84.5
167 38.8 31.0 46.4

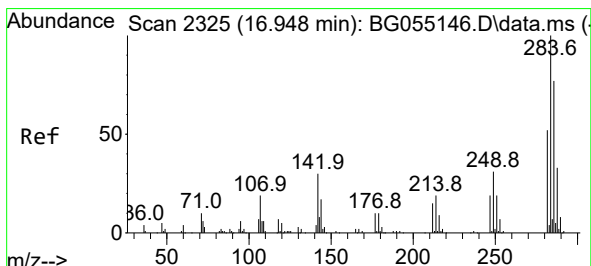
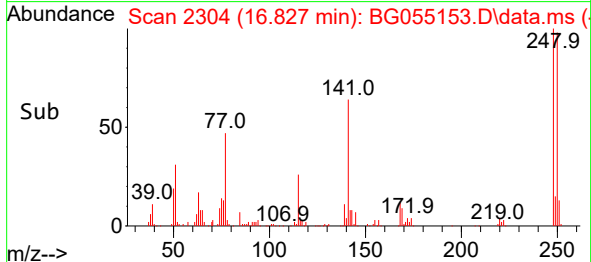
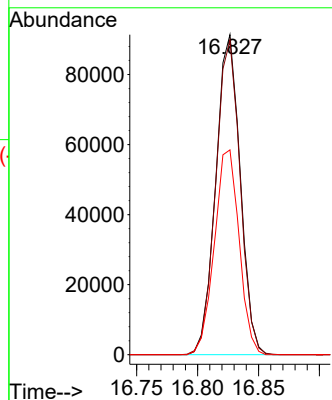
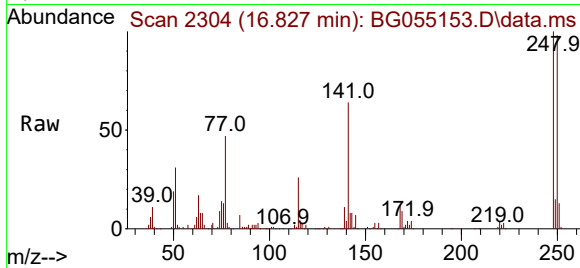




#67
4-Bromophenyl-phenylether
Concen: 41.216 ng
RT: 16.827 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

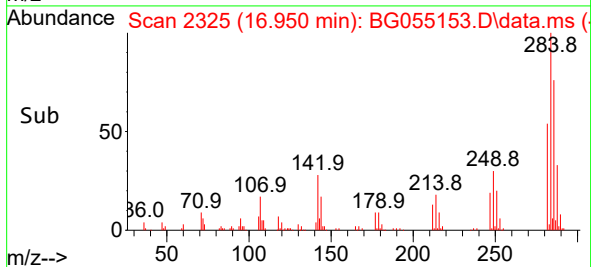
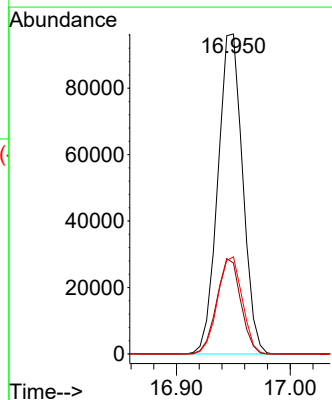
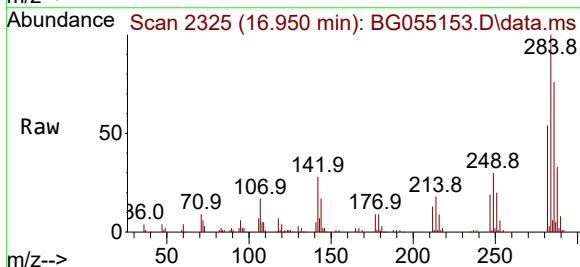
Instrument :
BNA_G
ClientSampleId :
PB148265BS

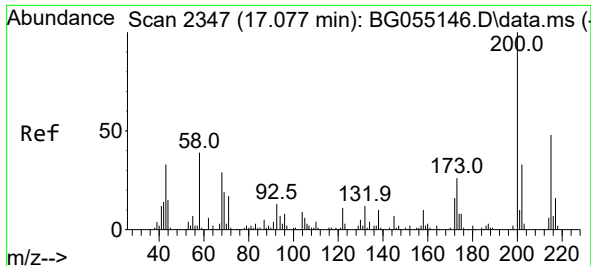
Tgt Ion:248 Resp: 127463
Ion Ratio Lower Upper
248 100
250 98.2 80.1 120.1
141 64.0 53.1 79.7



#68
Hexachlorobenzene
Concen: 41.067 ng
RT: 16.950 min Scan# 2325
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:284 Resp: 145971
Ion Ratio Lower Upper
284 100
142 28.4 23.9 35.9
249 30.4 24.9 37.3

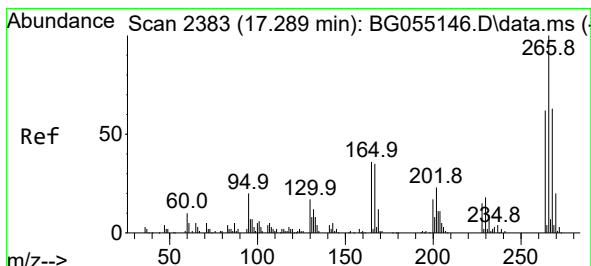
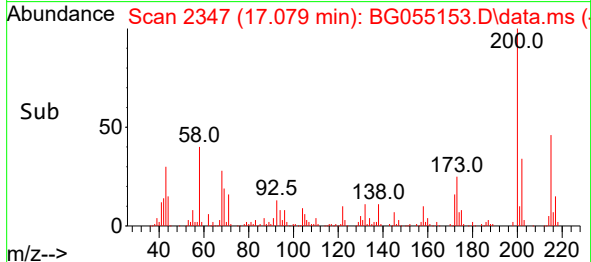
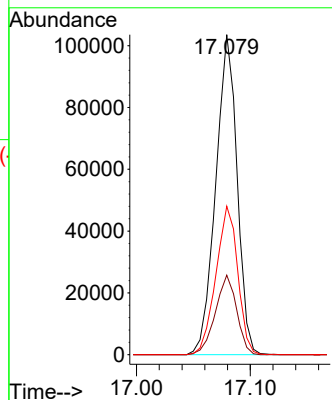
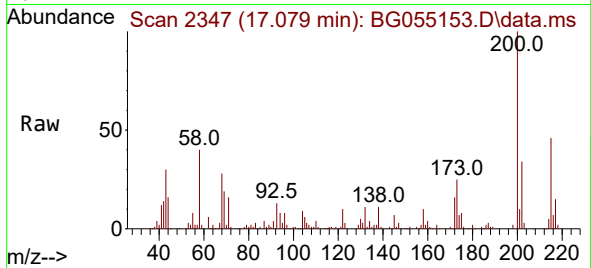




#69
 Atrazine
 Concen: 45.683 ng
 RT: 17.079 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG055153.D
 Acq: 13 Oct 2022 1:23

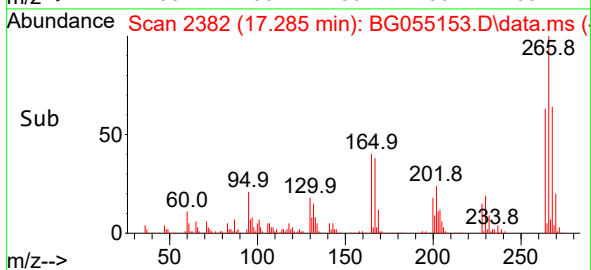
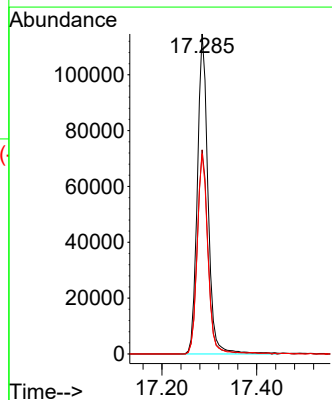
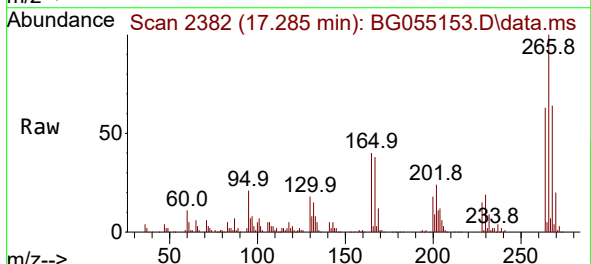
Instrument :
 BNA_G
 ClientSampleId :
 PB148265BS

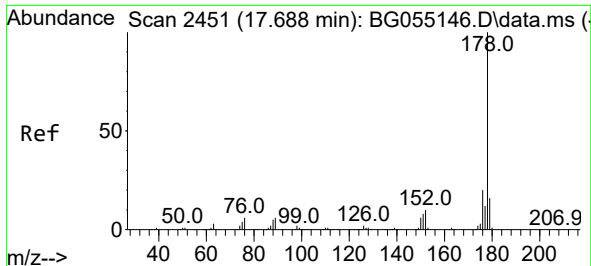
Tgt Ion:200 Resp: 134788
 Ion Ratio Lower Upper
 200 100
 173 24.9 5.5 45.5
 215 46.4 28.2 68.2



#70
 Pentachlorophenol
 Concen: 84.340 ng
 RT: 17.285 min Scan# 2382
 Delta R.T. -0.004 min
 Lab File: BG055153.D
 Acq: 13 Oct 2022 1:23

Tgt Ion:266 Resp: 178611
 Ion Ratio Lower Upper
 266 100
 268 63.8 54.2 81.4
 264 62.6 52.7 79.1

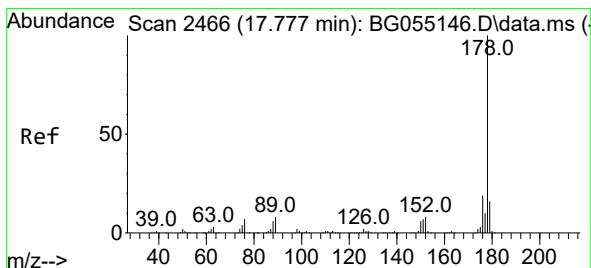
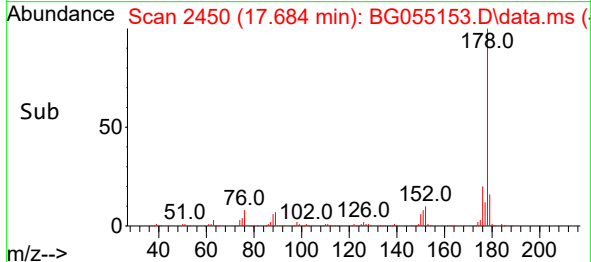
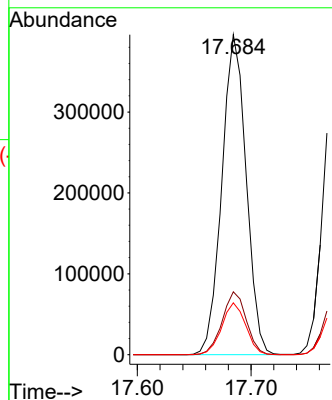
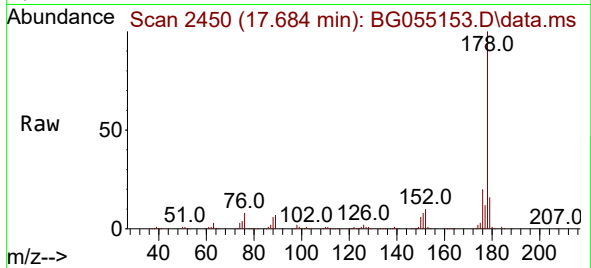




#71
Phenanthrene
Concen: 39.944 ng
RT: 17.684 min Scan# 2451
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

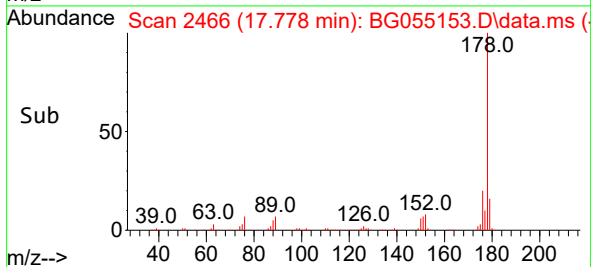
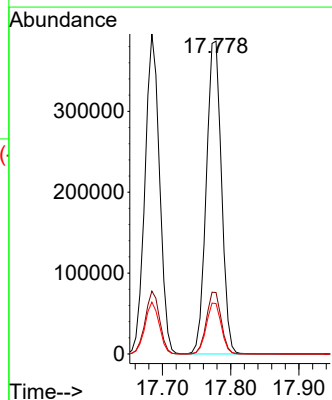
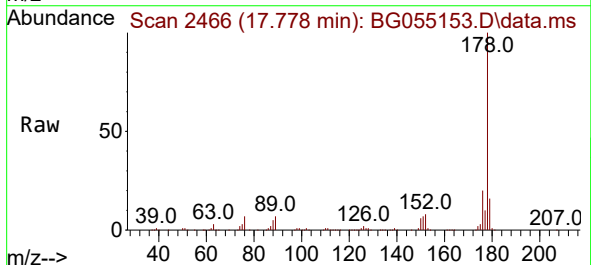
Instrument :
BNA_G
ClientSampleId :
PB148265BS

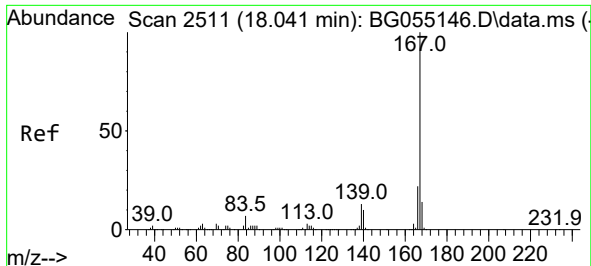
Tgt Ion:178 Resp: 587766
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 16.2 12.7 19.1



#72
Anthracene
Concen: 41.476 ng
RT: 17.778 min Scan# 2466
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:178 Resp: 596421
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 16.1 13.0 19.4

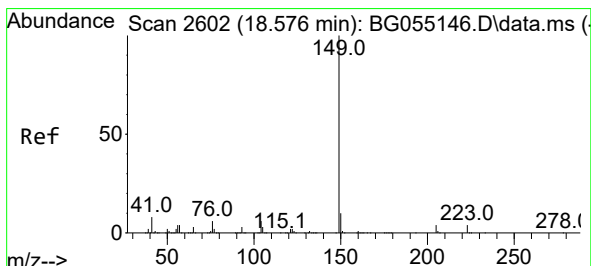
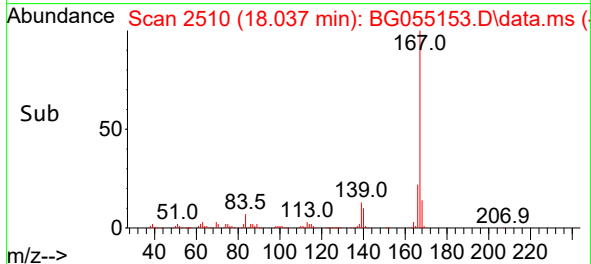
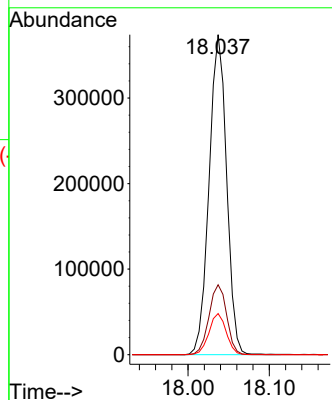
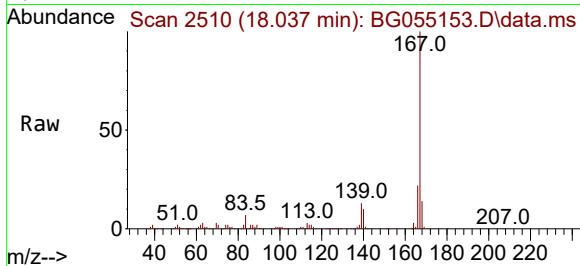




#73
Carbazole
Concen: 41.781 ng
RT: 18.037 min Scan# 2511
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

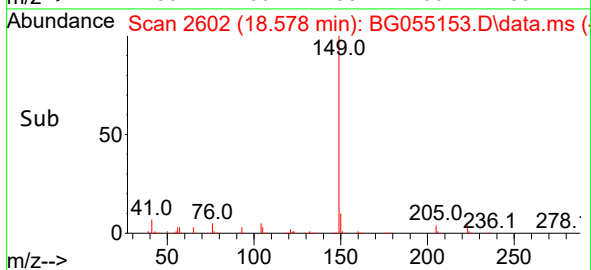
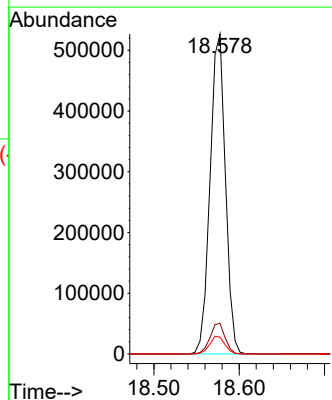
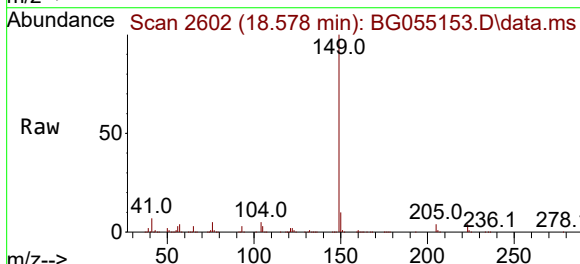
Instrument :
BNA_G
ClientSampleId :
PB148265BS

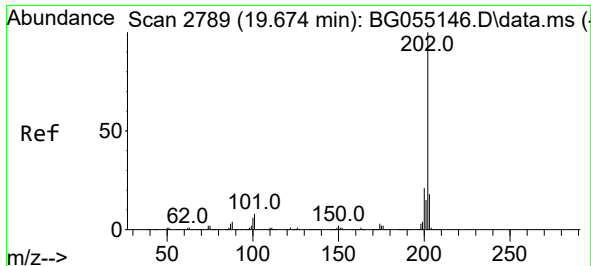
Tgt Ion:167 Resp: 559411
Ion Ratio Lower Upper
167 100
166 21.9 17.9 26.9
139 12.9 10.2 15.2



#74
Di-n-butylphthalate
Concen: 39.942 ng
RT: 18.578 min Scan# 2602
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:149 Resp: 658350
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 5.2 4.6 6.8

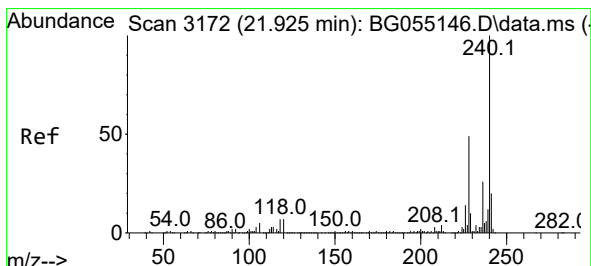
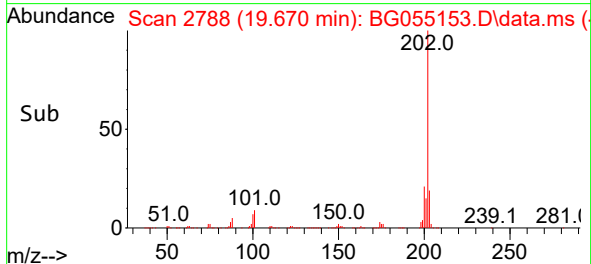
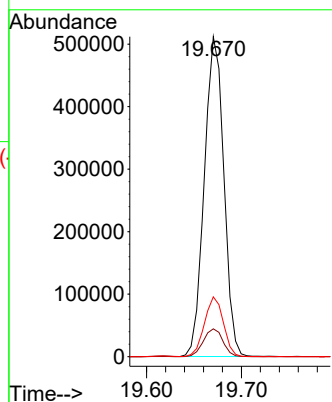
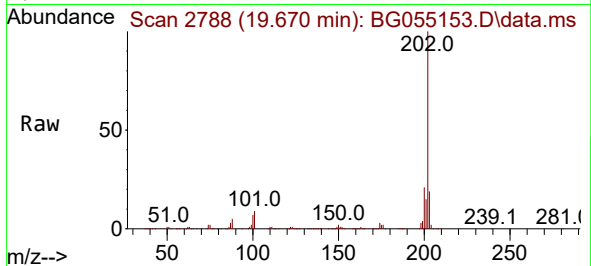




#75
Fluoranthene
Concen: 39.811 ng
RT: 19.670 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

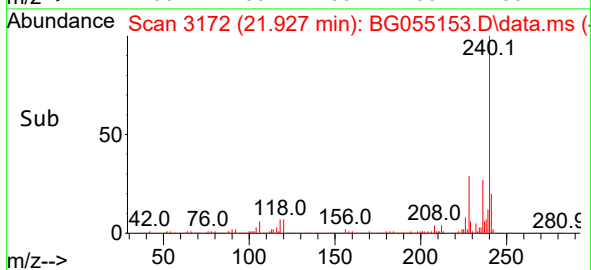
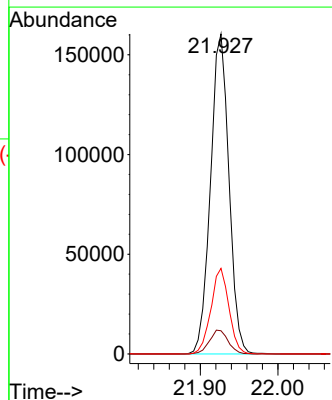
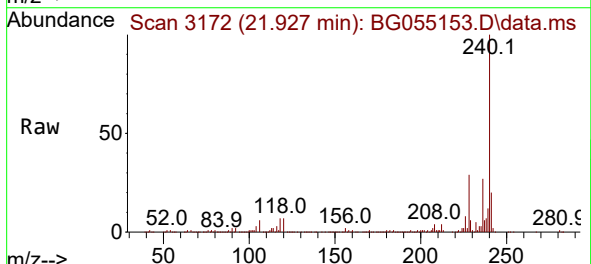
Instrument :
BNA_G
ClientSampleId :
PB148265BS

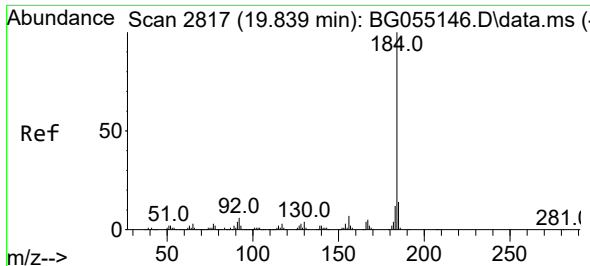
Tgt Ion:202 Resp: 732282
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.4
203 18.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.927 min Scan# 3172
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:240 Resp: 265184
Ion Ratio Lower Upper
240 100
120 7.3 5.4 8.0
236 26.8 20.6 31.0

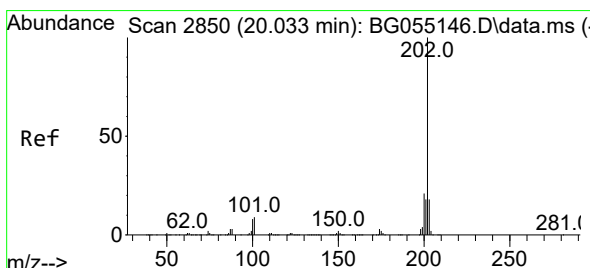
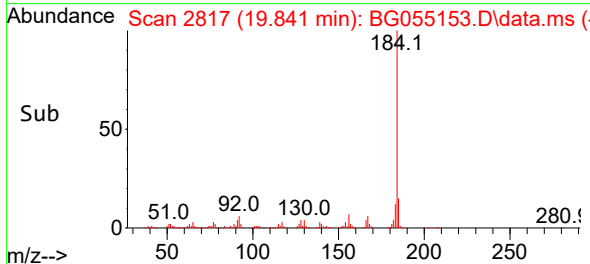
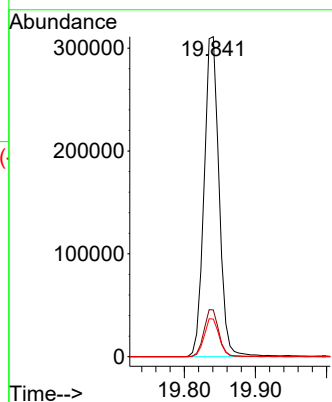
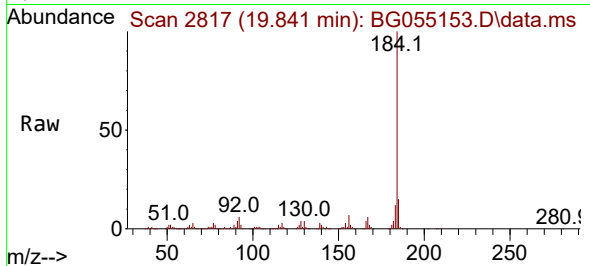




#77
Benzidine
Concen: 76.928 ng
RT: 19.841 min Scan# 2817
Delta R.T. 0.002 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

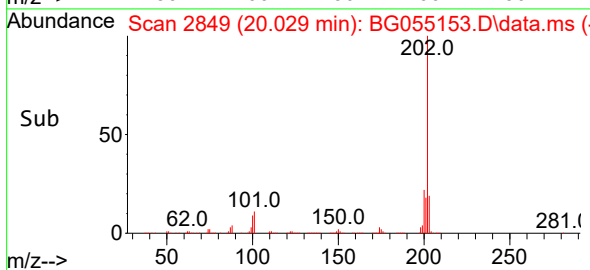
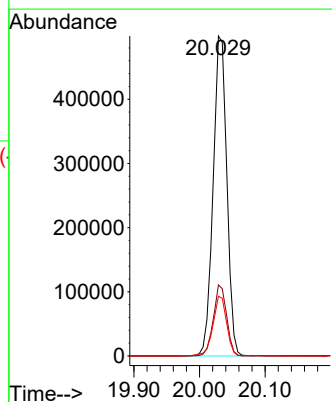
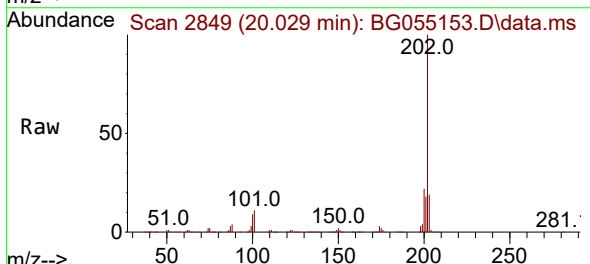
Instrument :
BNA_G
ClientSampleId :
PB148265BS

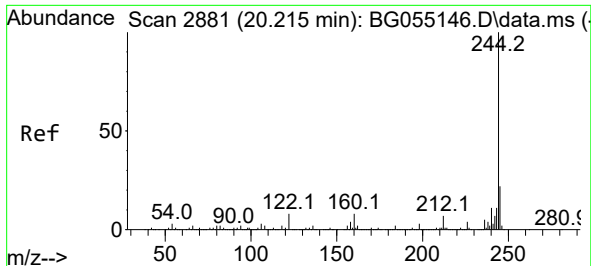
Tgt Ion:184 Resp: 457478
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 11.8 9.4 14.2



#78
Pyrene
Concen: 40.933 ng
RT: 20.029 min Scan# 2849
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:202 Resp: 723615
Ion Ratio Lower Upper
202 100
200 22.2 16.9 25.3
203 18.6 14.4 21.6

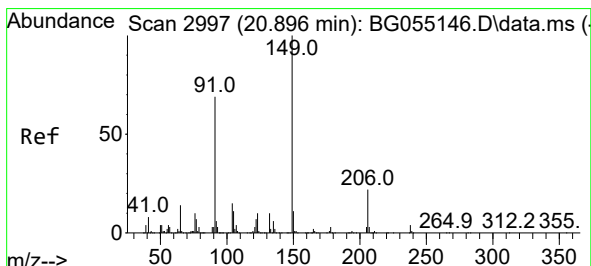
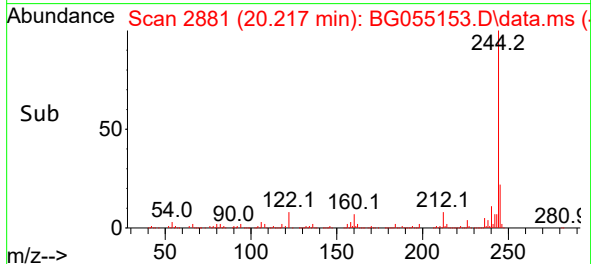
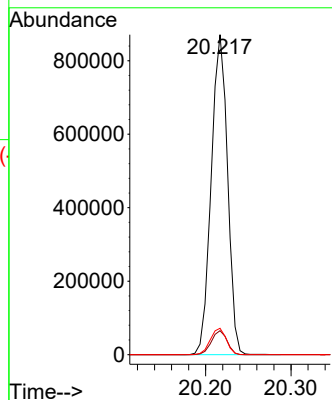
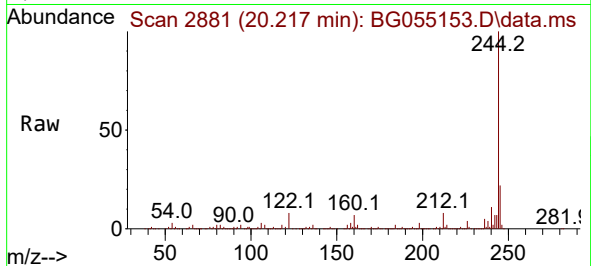




#79
 Terphenyl-d14
 Concen: 87.803 ng
 RT: 20.217 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG055153.D
 Acq: 13 Oct 2022 1:23

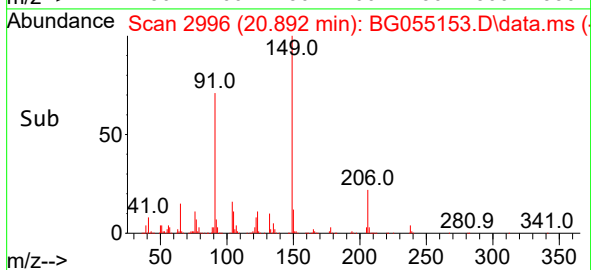
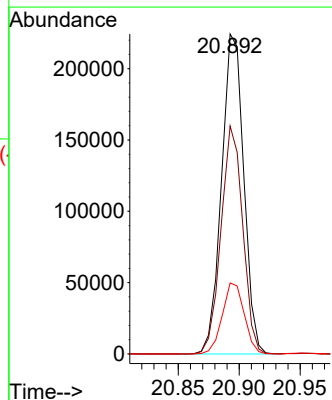
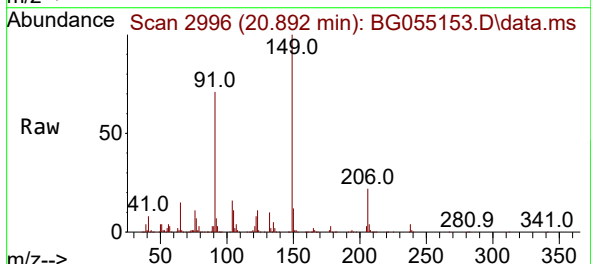
Instrument :
 BNA_G
 ClientSampleId :
 PB148265BS

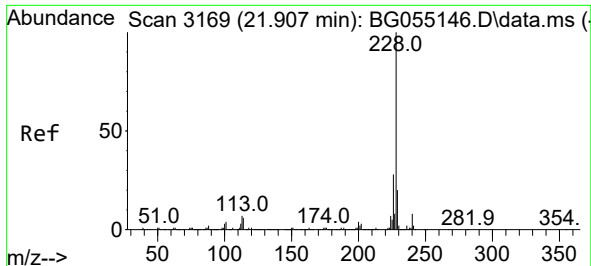
Tgt Ion:244 Resp: 1156093
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 8.3 6.6 10.0



#80
 Butylbenzylphthalate
 Concen: 41.945 ng
 RT: 20.892 min Scan# 2996
 Delta R.T. -0.004 min
 Lab File: BG055153.D
 Acq: 13 Oct 2022 1:23

Tgt Ion:149 Resp: 284648
 Ion Ratio Lower Upper
 149 100
 91 71.2 55.1 82.7
 206 22.2 17.9 26.9

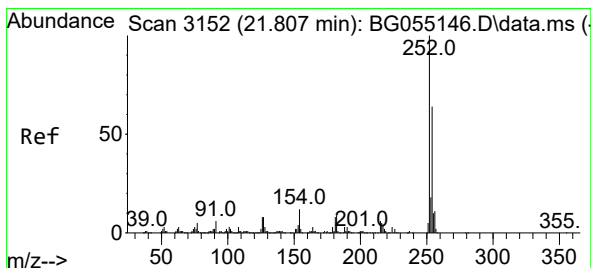
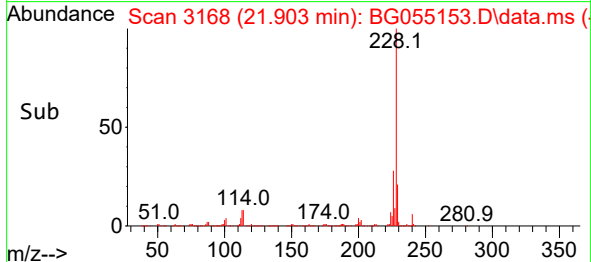
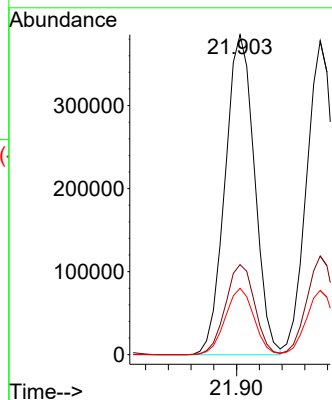
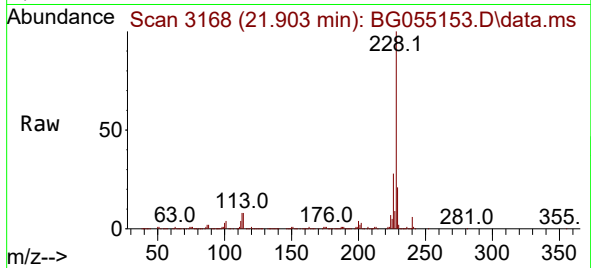




#81
Benzo(a)anthracene
Concen: 40.778 ng
RT: 21.903 min Scan# 3169
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

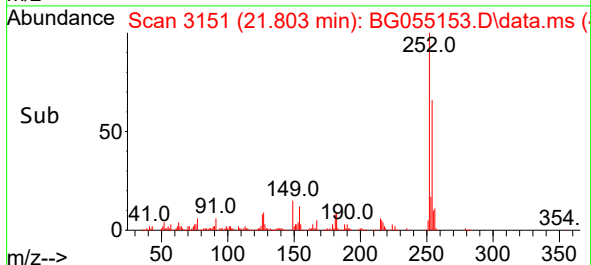
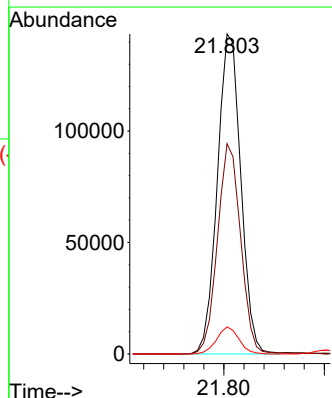
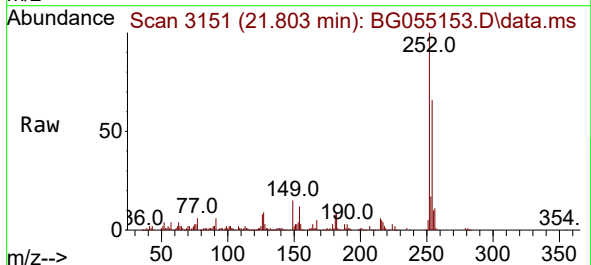
Instrument :
BNA_G
ClientSampleId :
PB148265BS

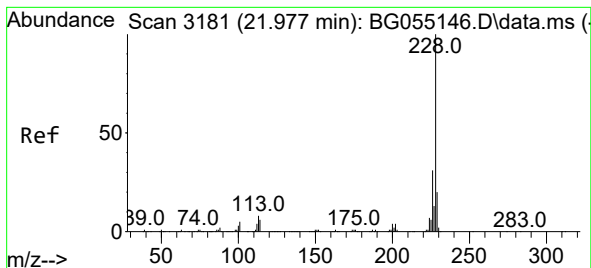
Tgt Ion:228 Resp: 691879
Ion Ratio Lower Upper
228 100
226 28.1 22.6 34.0
229 20.8 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 39.971 ng
RT: 21.803 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:252 Resp: 232745
Ion Ratio Lower Upper
252 100
254 65.7 51.6 77.4
126 8.4 6.3 9.5





#83

Chrysene

Concen: 39.733 ng

RT: 21.974 min Scan# 3181

Delta R.T. -0.004 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

Instrument :

BNA_G

ClientSampleId :

PB148265BS

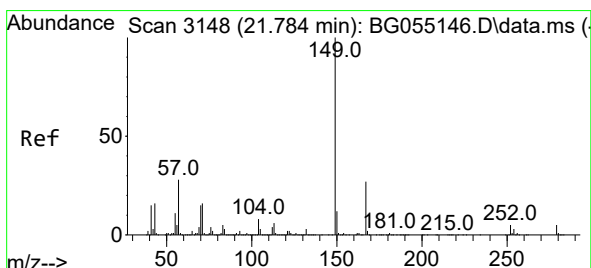
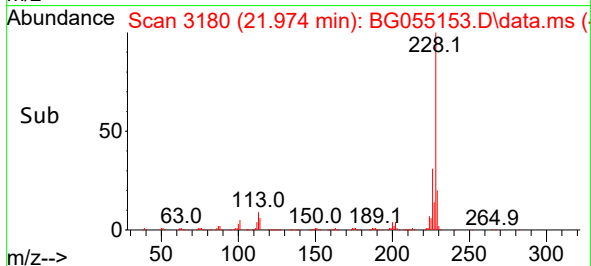
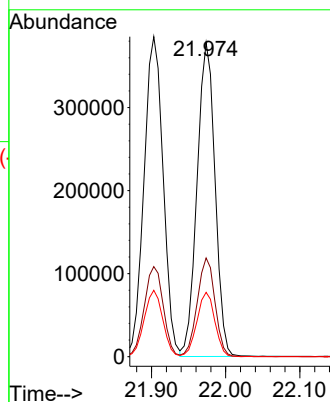
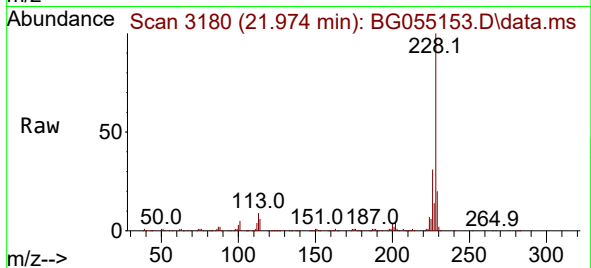
Tgt Ion:228 Resp: 635944

Ion Ratio Lower Upper

228 100

226 31.4 25.1 37.7

229 20.5 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.822 ng

RT: 21.786 min Scan# 3148

Delta R.T. 0.002 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

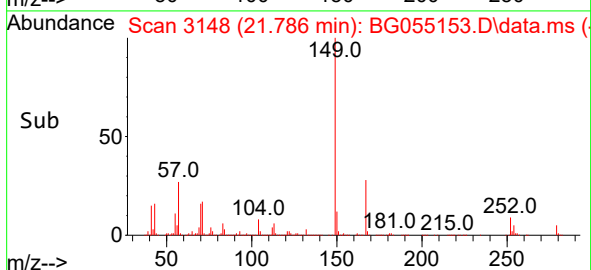
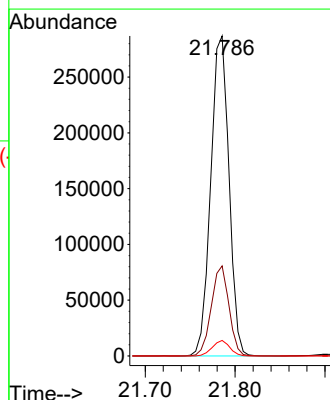
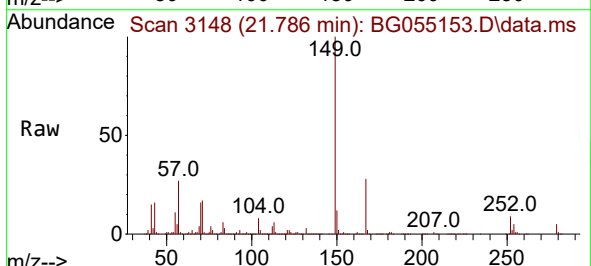
Tgt Ion:149 Resp: 404277

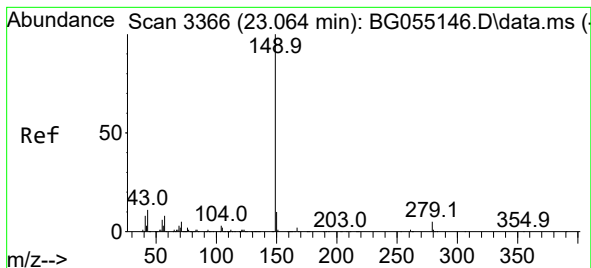
Ion Ratio Lower Upper

149 100

167 28.2 21.4 32.0

279 4.9 3.8 5.6

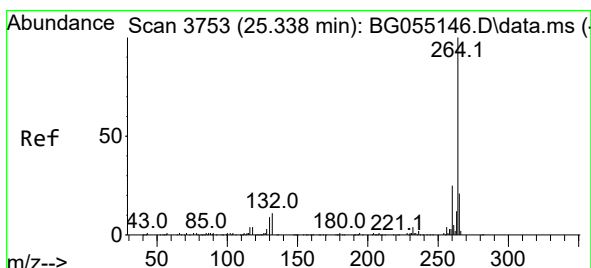
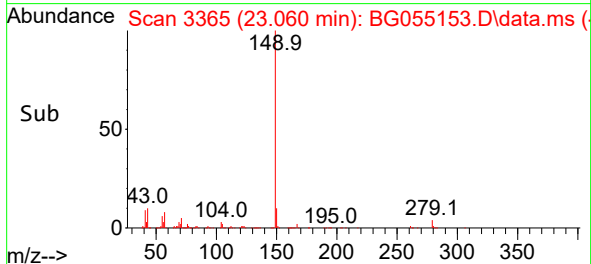
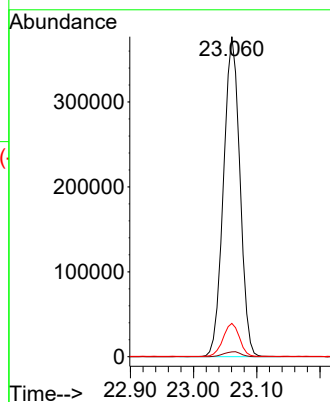
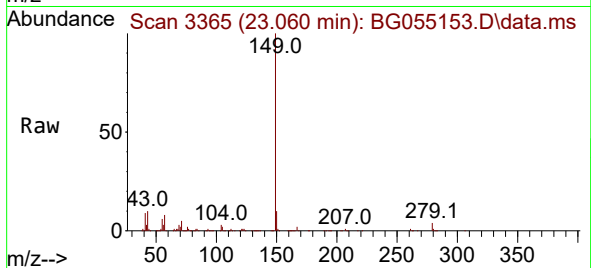




#85
Di-n-octyl phthalate
Concen: 42.228 ng
RT: 23.060 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

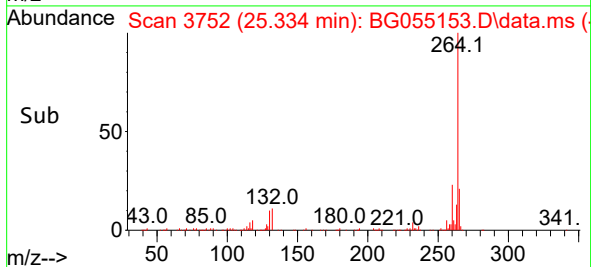
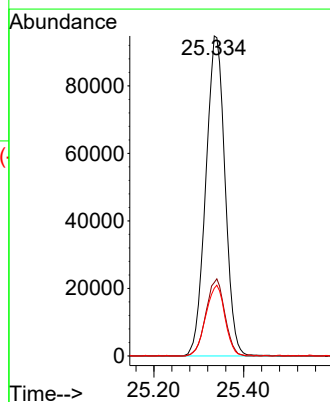
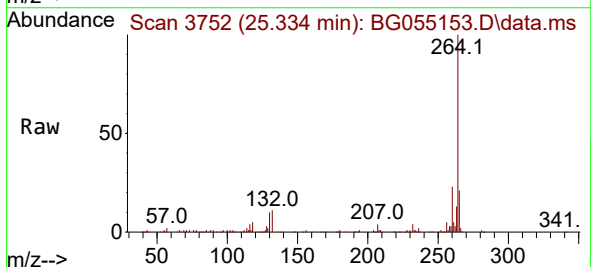
Instrument :
BNA_G
ClientSampleId :
PB148265BS

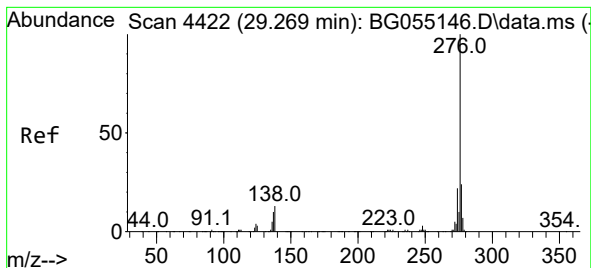
Tgt Ion:149 Resp: 680563
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.3 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.334 min Scan# 3752
Delta R.T. -0.004 min
Lab File: BG055153.D
Acq: 13 Oct 2022 1:23

Tgt Ion:264 Resp: 280827
Ion Ratio Lower Upper
264 100
260 23.0 20.1 30.1
265 21.1 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.690 ng

RT: 29.271 min Scan# 44

Delta R.T. 0.002 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

Instrument :

BNA_G

ClientSampleId :

PB148265BS

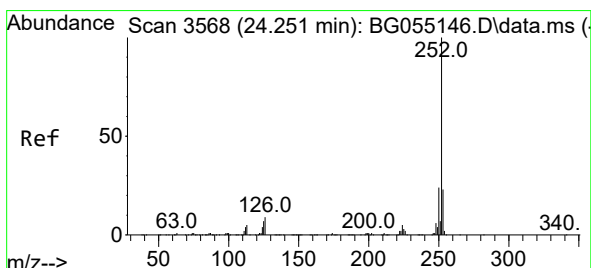
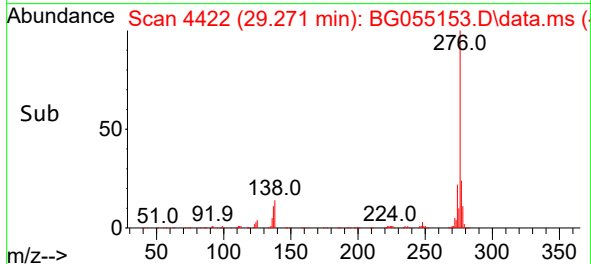
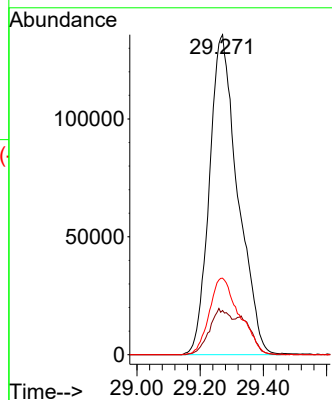
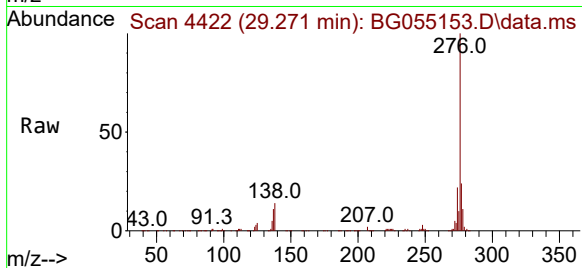
Tgt Ion:276 Resp: 846445

Ion Ratio Lower Upper

276 100

138 11.0 13.4 20.0#

277 25.4 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 43.744 ng

RT: 24.247 min Scan# 3567

Delta R.T. -0.004 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

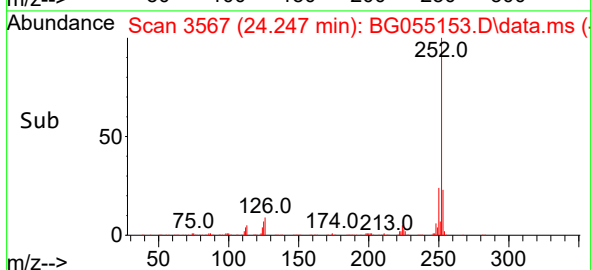
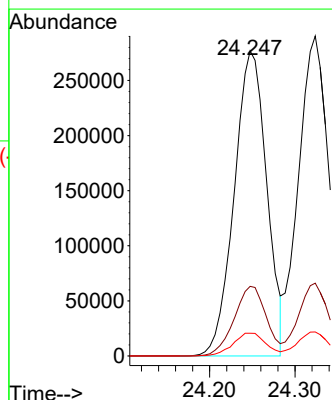
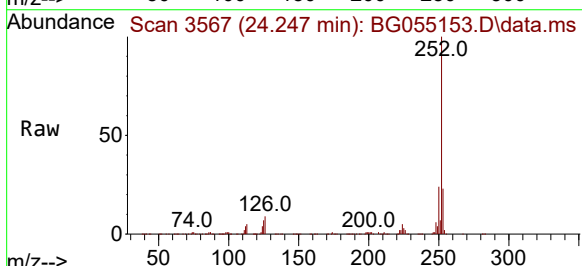
Tgt Ion:252 Resp: 732184

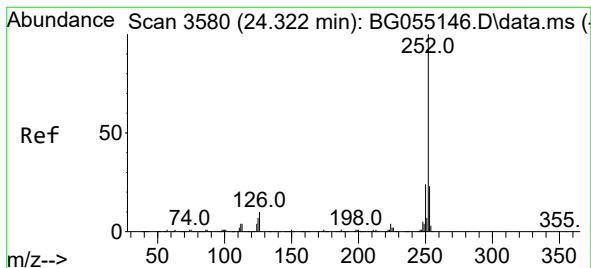
Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

125 7.5 5.7 8.5





#89

Benzo(k)fluoranthene

Concen: 42.895 ng

RT: 24.324 min Scan# 3

Delta R.T. 0.002 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

Instrument :

BNA_G

ClientSampleId :

PB148265BS

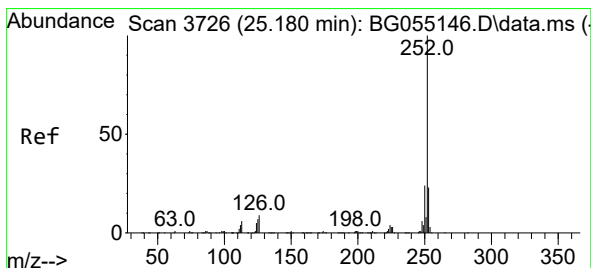
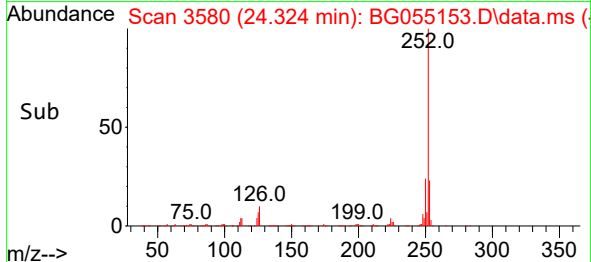
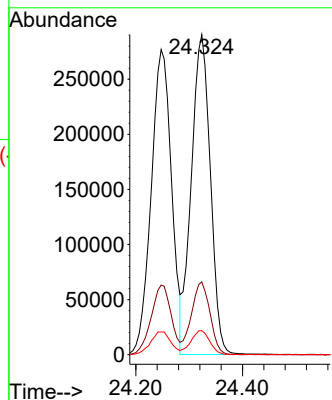
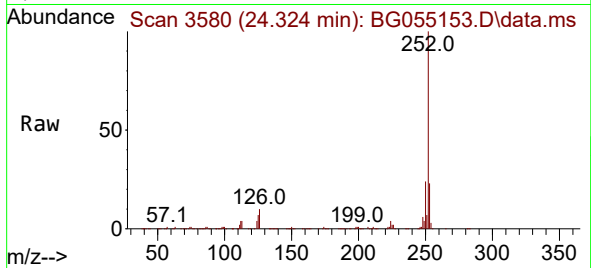
Tgt Ion:252 Resp: 721346

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

125 7.5 5.8 8.6



#90

Benzo(a)pyrene

Concen: 45.660 ng

RT: 25.176 min Scan# 3725

Delta R.T. -0.004 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

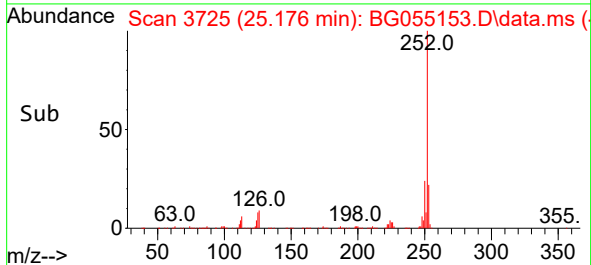
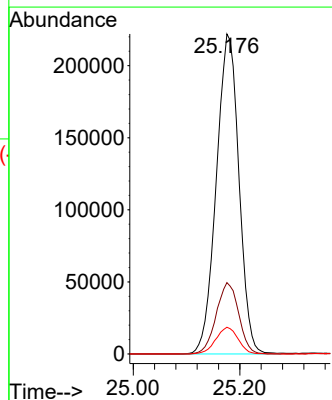
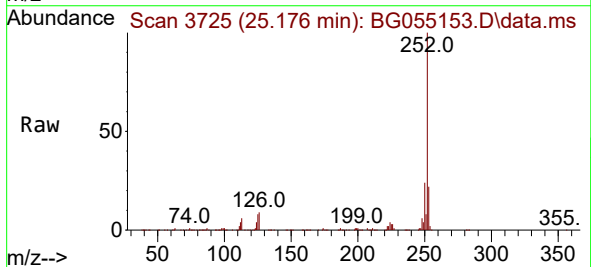
Tgt Ion:252 Resp: 653529

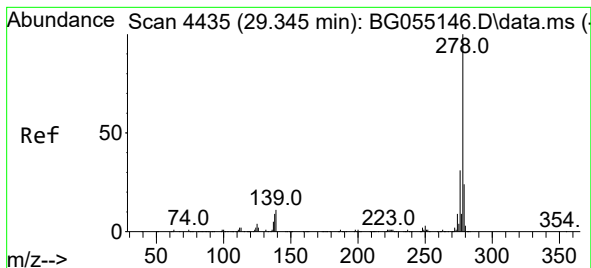
Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

125 8.3 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 42.631 ng

RT: 29.341 min Scan# 4435

Delta R.T. -0.004 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

Instrument :

BNA_G

ClientSampleId :

PB148265BS

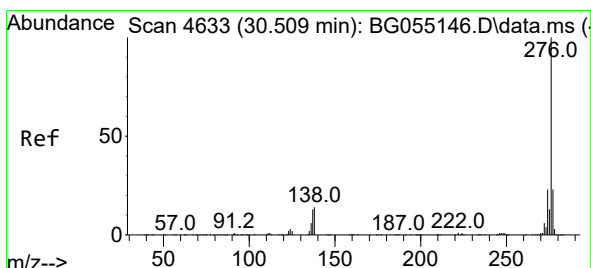
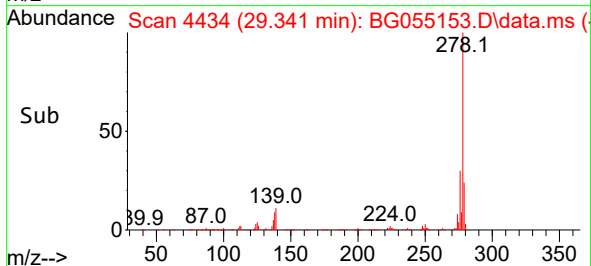
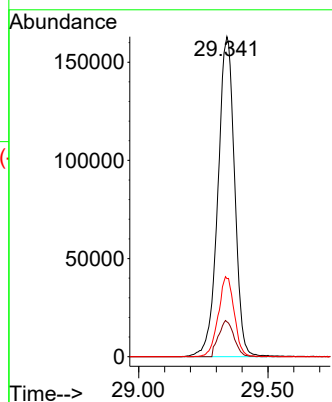
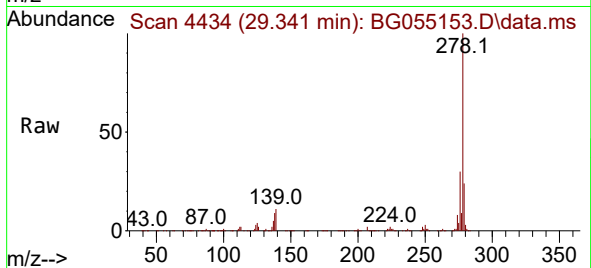
Tgt Ion:278 Resp: 733842

Ion Ratio Lower Upper

278 100

139 10.9 8.4 12.6

279 24.4 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 42.762 ng

RT: 30.511 min Scan# 4633

Delta R.T. 0.002 min

Lab File: BG055153.D

Acq: 13 Oct 2022 1:23

Tgt Ion:276 Resp: 721056

Ion Ratio Lower Upper

276 100

277 24.3 18.4 27.6

138 15.7 11.2 16.8

