

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
 Data File : BG055598.D
 Acq On : 12 Nov 2022 20:51
 Operator : CG/JU
 Sample : N5583-01MS 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-111022MS

Quant Time: Nov 14 03:30:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	59238	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	242776	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	159405	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	331891	20.000	ng	0.00
76) Chrysene-d12	21.937	240	311909	20.000	ng	0.00
86) Perylene-d12	25.368	264	328459	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	201446	64.773	ng	0.00
7) Phenol-d6	7.407	99	265311	61.757	ng	0.00
23) Nitrobenzene-d5	9.440	82	160949	44.943	ng	0.00
42) 2,4,6-Tribromophenol	16.373	330	118902	76.449	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	386455	36.569	ng	0.00
79) Terphenyl-d14	20.221	244	588070	37.869	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.635	88	28294	17.911	ng	94
3) Pyridine	4.046	79	78983	17.982	ng	98
4) n-Nitrosodimethylamine	3.958	42	49746	20.808	ng	95
6) Aniline	7.583	93	110102	19.295	ng	99
8) 2-Chlorophenol	7.830	128	97763	28.078	ng	96
9) Benzaldehyde	7.395	77	65753	19.399	ng	97
10) Phenol	7.431	94	127124	25.705	ng	98
11) bis(2-Chloroethyl)ether	7.671	93	88072	22.119	ng	97
12) 1,3-Dichlorobenzene	8.159	146	107959	24.822	ng	98
13) 1,4-Dichlorobenzene	8.306	146	107313	24.380	ng	98
14) 1,2-Dichlorobenzene	8.629	146	106568	25.494	ng	97
15) Benzyl Alcohol	8.500	79	91538	24.434	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.794	45	169983	22.217	ng	98
17) 2-Methylphenol	8.700	107	87810	25.231	ng	99
18) Hexachloroethane	9.369	117	38320	26.223	ng	99
19) n-Nitroso-di-n-propyla...	9.070	70	76719	21.609	ng	97
20) 3+4-Methylphenols	9.029	107	118068	24.352	ng	96
22) Acetophenone	9.093	105	150550	23.311	ng	99
24) Nitrobenzene	9.481	77	111498	27.063	ng	98
25) Isophorone	10.004	82	209107	22.855	ng	100
26) 2-Nitrophenol	10.198	139	50223	37.888	ng	# 87
27) 2,4-Dimethylphenol	10.245	122	97972	29.950	ng	99
28) bis(2-Chloroethoxy)met...	10.486	93	120483	24.424	ng	98
29) 2,4-Dichlorophenol	10.738	162	98368	27.363	ng	98
30) 1,2,4-Trichlorobenzene	10.956	180	110772	24.599	ng	97
31) Naphthalene	11.150	128	322935	24.603	ng	99
32) Benzoic acid	10.351	122	65271	36.923	ng	98
33) 4-Chloroaniline	11.250	127	106981	19.499	ng	95
34) Hexachlorobutadiene	11.432	225	73399	24.440	ng	95
35) Caprolactam	12.008	113	28930	23.607	ng	94
36) 4-Chloro-3-methylphenol	12.348	107	106482	25.129	ng	100
37) 2-Methylnaphthalene	12.736	142	242441	24.584	ng	100
38) 1-Methylnaphthalene	12.953	142	225430	23.369	ng	100
40) 1,2,4,5-Tetrachloroben...	13.094	216	130535	27.414	ng	99
41) Hexachlorocyclopentadiene	13.077	237	38426	18.850	ng	97
43) 2,4,6-Trichlorophenol	13.329	196	83855	29.951	ng	98

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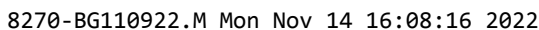
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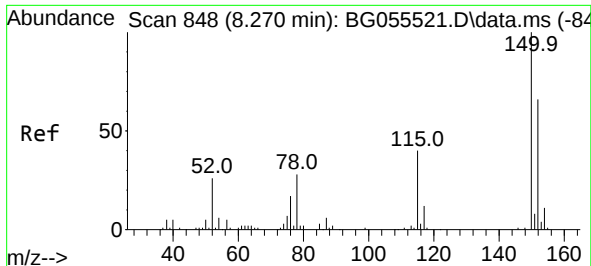
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.400	196	90394	28.203	ng	98
46) 1,1'-Biphenyl	13.729	154	297854	25.541	ng	98
47) 2-Chloronaphthalene	13.776	162	223280	24.788	ng	99
48) 2-Nitroaniline	13.964	65	68185	30.856	ng	96
49) Acenaphthylene	14.616	152	360663	24.199	ng	99
50) Dimethylphthalate	14.328	163	279487	23.074	ng	100
51) 2,6-Dinitrotoluene	14.452	165	56423	27.911	ng	98
52) Acenaphthene	14.957	154	224012	24.076	ng	98
53) 3-Nitroaniline	14.781	138	56955	24.246	ng #	95
54) 2,4-Dinitrophenol	14.980	184	10516	13.963	ng #	74
55) Dibenzofuran	15.286	168	354875	23.857	ng	100
56) 4-Nitrophenol	15.075	139	99065	55.233	ng	99
57) 2,4-Dinitrotoluene	15.233	165	75695	28.505	ng	95
58) Fluorene	15.932	166	289002	24.421	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.503	232	80160	26.983	ng #	98
60) Diethylphthalate	15.686	149	273107	22.164	ng	99
61) 4-Chlorophenyl-phenyle...	15.921	204	147470	23.427	ng	98
62) 4-Nitroaniline	15.938	138	59718	24.867	ng	93
63) Azobenzene	16.208	77	250448	20.969	ng	99
65) 4,6-Dinitro-2-methylph...	15.991	198	8529	11.885	ng	94
66) n-Nitrosodiphenylamine	16.126	169	240108	25.825	ng	98
67) 4-Bromophenyl-phenylether	16.814	248	93964	27.752	ng	95
68) Hexachlorobenzene	16.937	284	100762	25.032	ng	94
69) Atrazine	17.066	200	95158	28.280	ng	95
70) Pentachlorophenol	17.278	266	123306	55.914	ng	99
71) Phenanthrene	17.677	178	548923	30.774	ng	99
72) Anthracene	17.765	178	458042	26.203	ng	100
73) Carbazole	18.030	167	387041	24.500	ng	99
74) Di-n-butylphthalate	18.570	149	445708	24.607	ng	100
75) Fluoranthene	19.675	202	671283	31.559	ng	99
77) Benzidine	19.863	184	111735	13.241	ng	98
78) Pyrene	20.033	202	712451	33.750	ng	98
80) Butylbenzylphthalate	20.903	149	195148	25.935	ng	97
81) Benzo(a)anthracene	21.914	228	627306	29.362	ng	99
82) 3,3'-Dichlorobenzidine	21.814	252	142877	20.491	ng	97
83) Chrysene	21.984	228	584859	28.789	ng	99
84) Bis(2-ethylhexyl)phtha...	21.796	149	285065	26.757	ng	100
85) Di-n-octyl phthalate	23.083	149	485798	26.387	ng	100
87) Indeno(1,2,3-cd)pyrene	29.323	276	486741	19.457	ng #	75
88) Benzo(b)fluoranthene	24.275	252	624566	30.011	ng	99
89) Benzo(k)fluoranthene	24.340	252	622393	29.253	ng	98
90) Benzo(a)pyrene	25.210	252	553522	30.876	ng	99
91) Dibenzo(a,h)anthracene	29.393	278	398184	19.228	ng	99
92) Benzo(g,h,i)perylene	30.556	276	371196	18.337	ng	97

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

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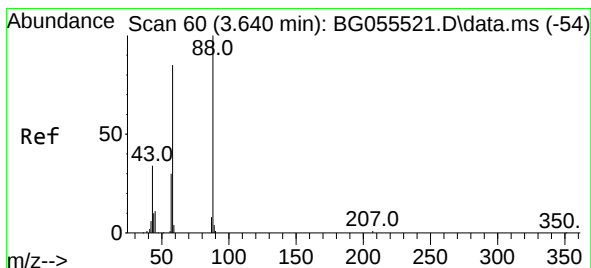
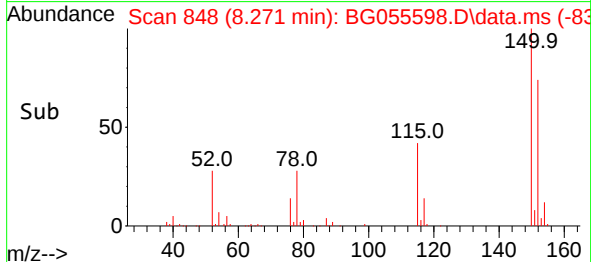
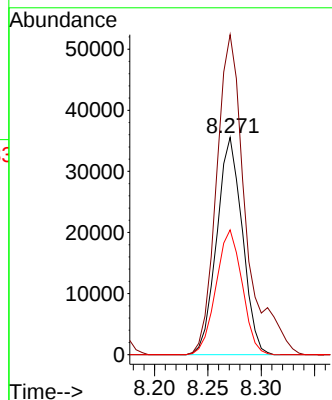
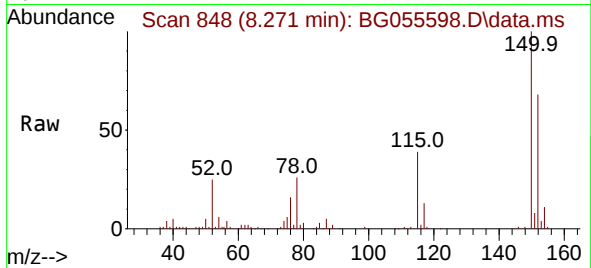




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.271 min Scan# 84
 Delta R.T. 0.001 min
 Lab File: BG055598.D
 Acq: 12 Nov 2022 20:51

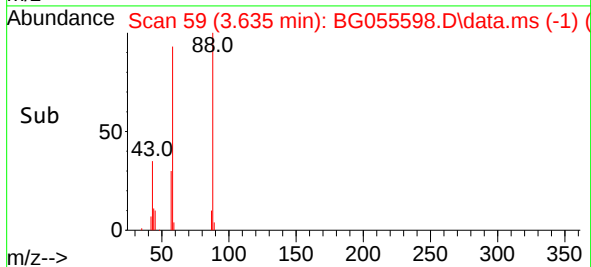
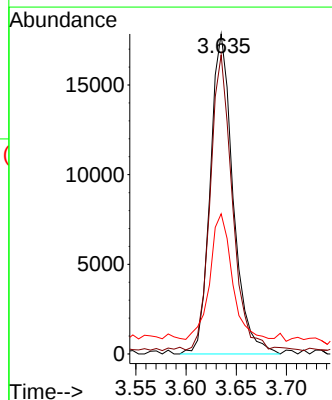
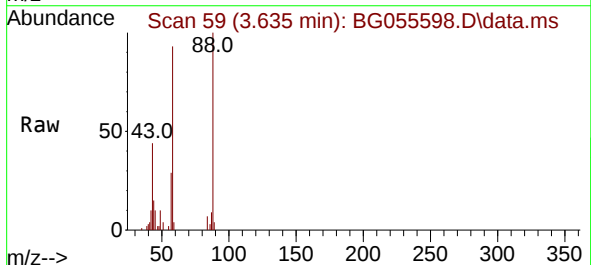
Instrument :
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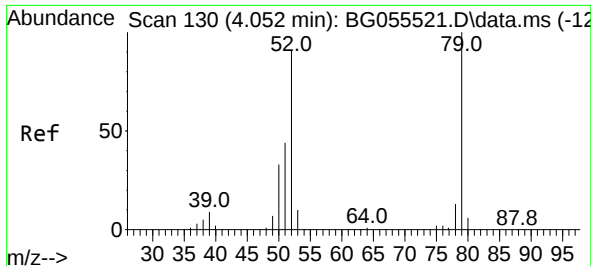
Tgt Ion:152 Resp: 59238
 Ion Ratio Lower Upper
 152 100
 150 147.3 121.0 181.4
 115 57.4 47.8 71.8



#2
 1,4-Dioxane
 Concen: 17.911 ng
 RT: 3.635 min Scan# 59
 Delta R.T. -0.005 min
 Lab File: BG055598.D
 Acq: 12 Nov 2022 20:51

Tgt Ion: 88 Resp: 28294
 Ion Ratio Lower Upper
 88 100
 58 90.2 68.9 103.3
 43 39.4 27.1 40.7

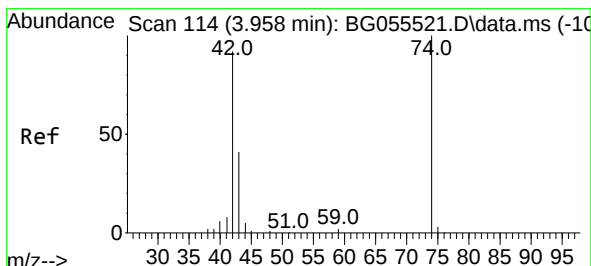
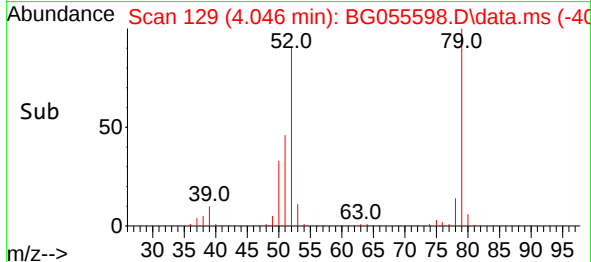
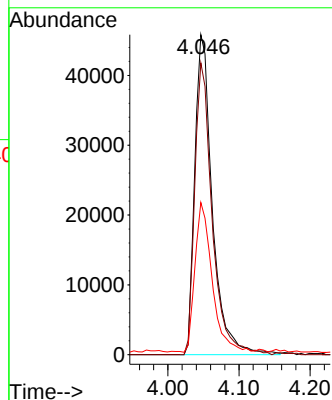
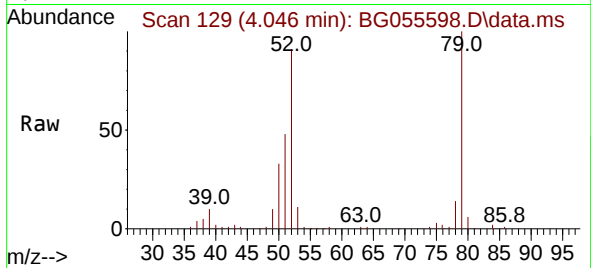




#3
Pyridine
Concen: 17.982 ng
RT: 4.046 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

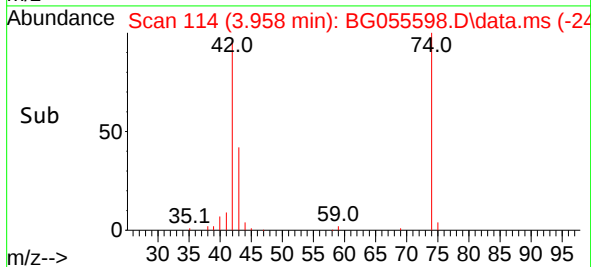
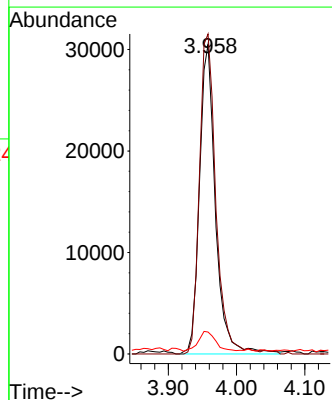
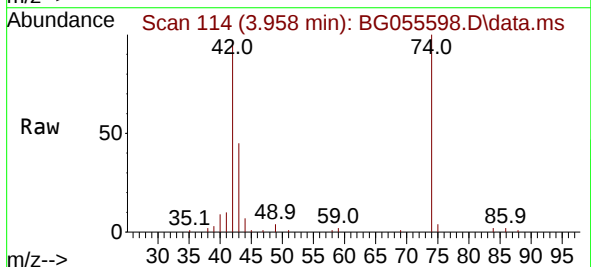
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

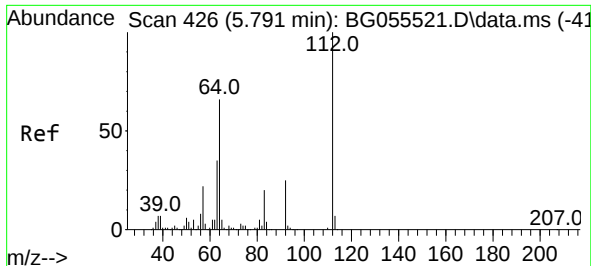
Tgt Ion: 79 Resp: 78983
Ion Ratio Lower Upper
79 100
52 91.2 72.7 109.1
51 47.5 36.0 54.0



#4
n-Nitrosodimethylamine
Concen: 20.808 ng
RT: 3.958 min Scan# 114
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion: 42 Resp: 49746
Ion Ratio Lower Upper
42 100
74 103.4 87.1 130.7
44 7.1 5.6 8.4

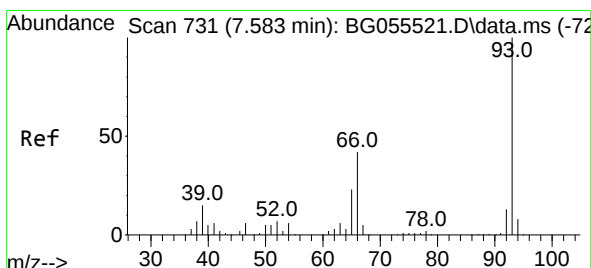
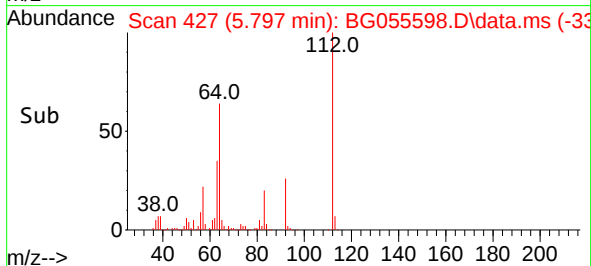
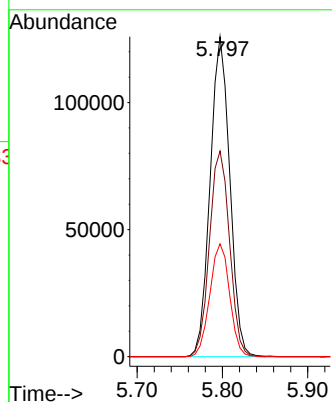
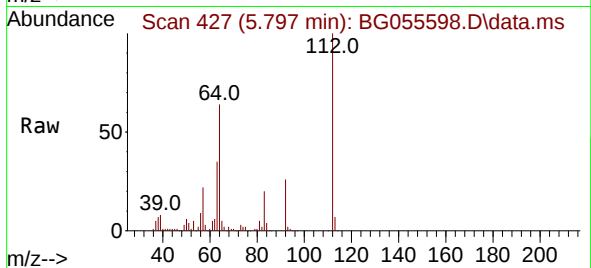




#5
2-Fluorophenol
Concen: 64.773 ng
RT: 5.797 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

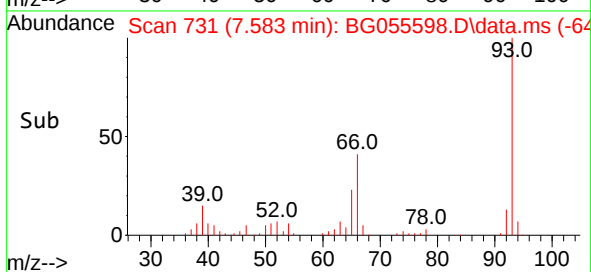
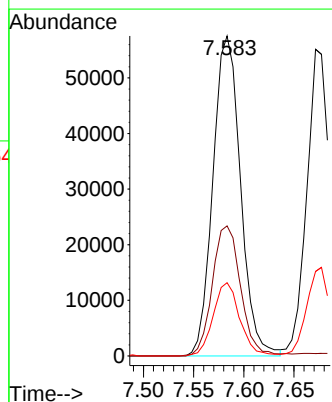
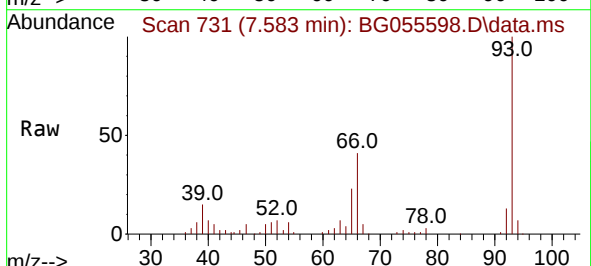
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ClientSampleId :
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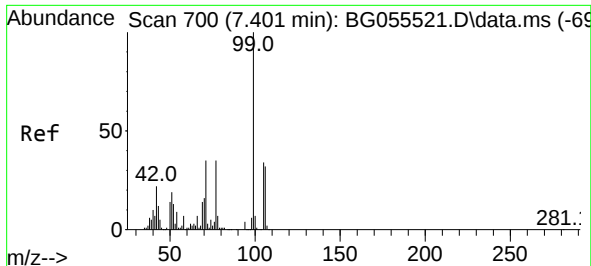
Tgt Ion:112 Resp: 201446
Ion Ratio Lower Upper
112 100
64 64.3 52.6 78.8
63 35.2 28.3 42.5



#6
Aniline
Concen: 19.295 ng
RT: 7.583 min Scan# 731
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion: 93 Resp: 110102
Ion Ratio Lower Upper
93 100
66 40.7 33.2 49.8
65 22.9 18.1 27.1

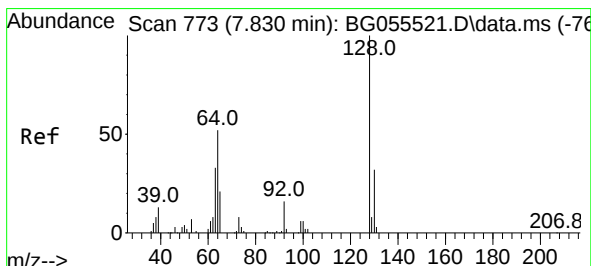
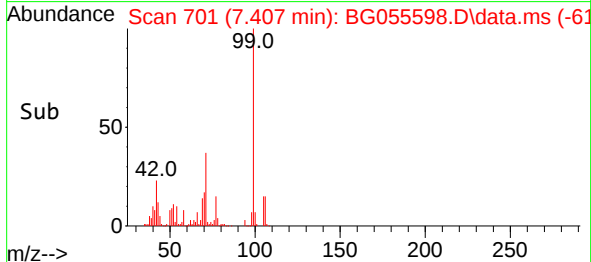
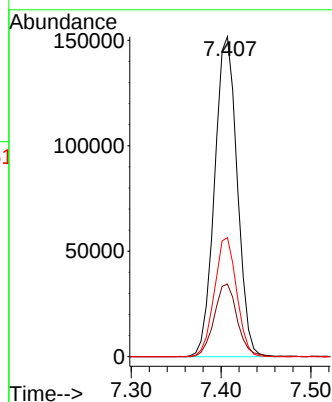
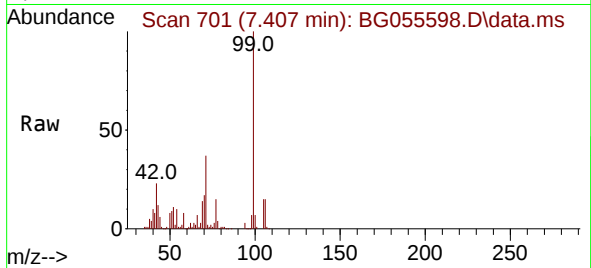




#7
Phenol-d6
Concen: 61.757 ng
RT: 7.407 min Scan# 701
Delta R.T. 0.006 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

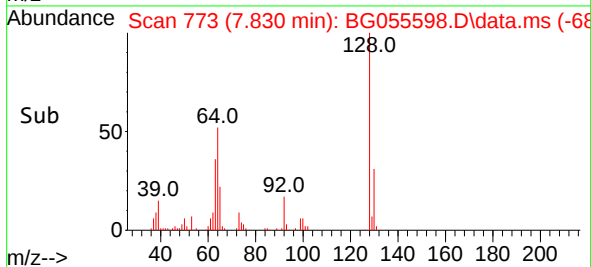
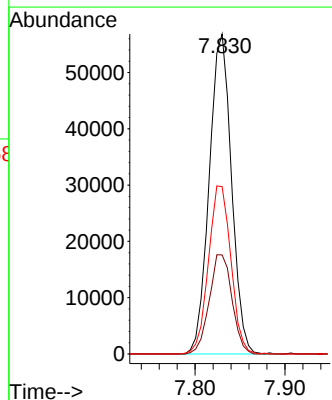
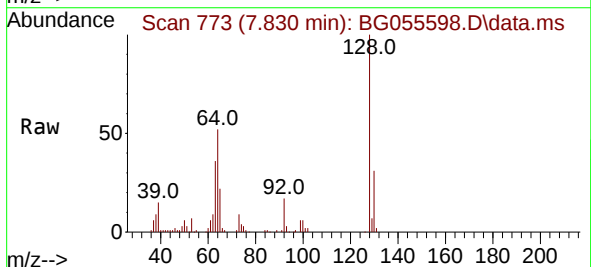
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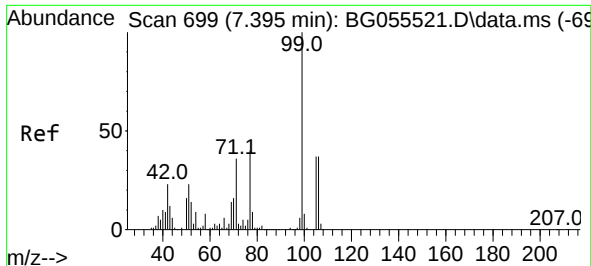
Tgt Ion: 99 Resp: 265311
Ion Ratio Lower Upper
99 100
42 22.7 17.5 26.3
71 37.2 28.3 42.5



#8
2-Chlorophenol
Concen: 28.078 ng
RT: 7.830 min Scan# 773
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion: 128 Resp: 97763
Ion Ratio Lower Upper
128 100
130 31.0 12.2 52.2
64 52.3 35.5 75.5

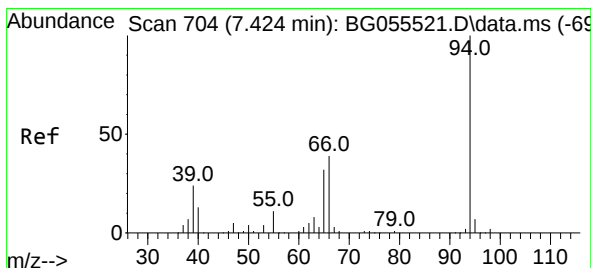
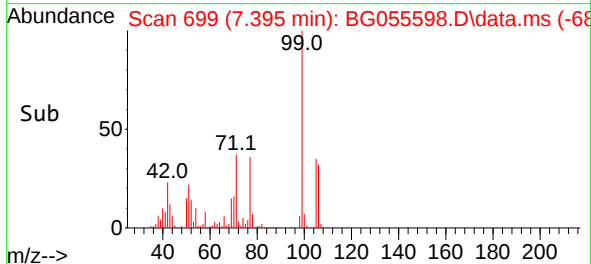
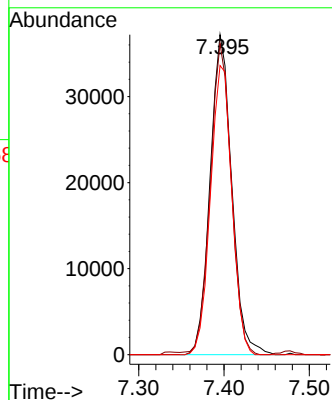
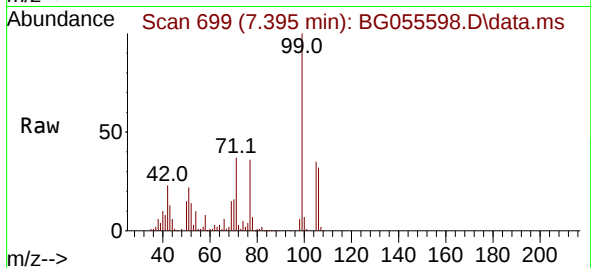




#9
Benzaldehyde
Concen: 19.399 ng
RT: 7.395 min Scan# 699
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

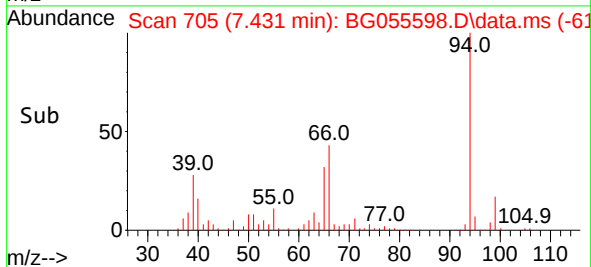
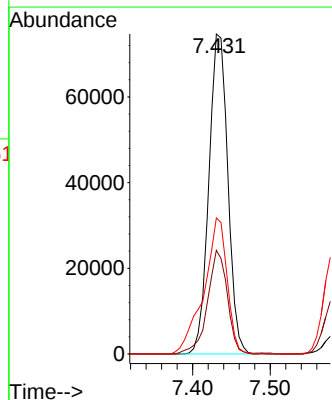
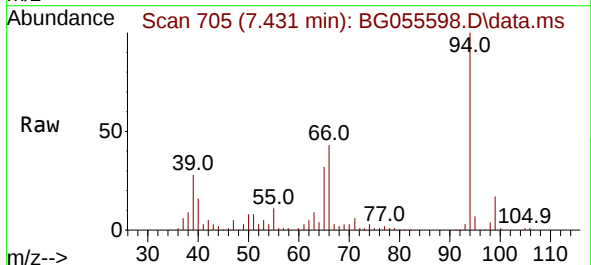
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NB-08-111022MS

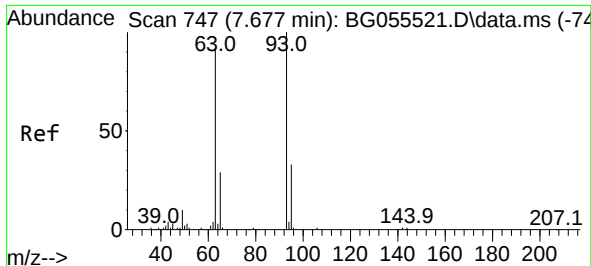
Tgt Ion: 77 Resp: 65753
Ion Ratio Lower Upper
77 100
105 97.2 73.9 113.9
106 90.4 73.1 113.1



#10
Phenol
Concen: 25.705 ng
RT: 7.431 min Scan# 705
Delta R.T. 0.007 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion: 94 Resp: 127124
Ion Ratio Lower Upper
94 100
65 32.4 11.9 51.9
66 42.5 20.3 60.3

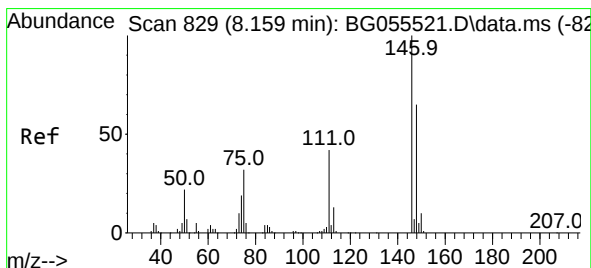
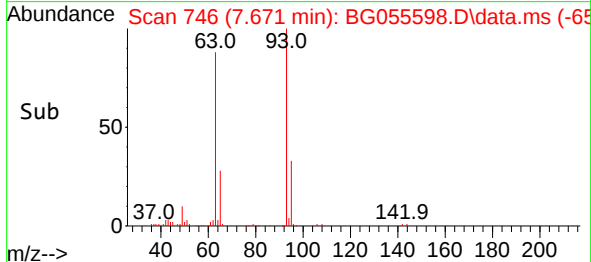
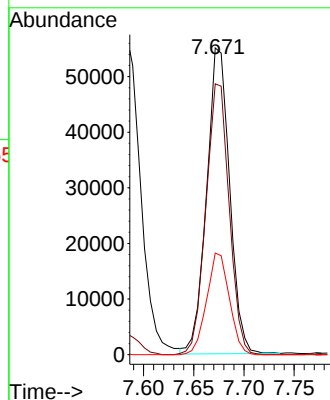
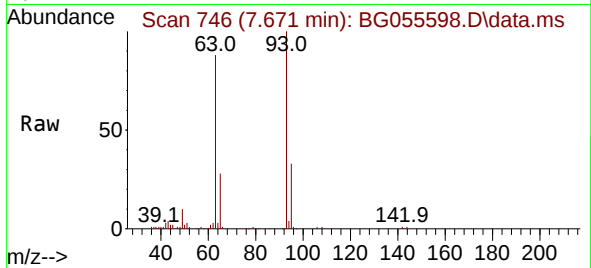




#11
bis(2-Chloroethyl)ether
Concen: 22.119 ng
RT: 7.671 min Scan# 747
Delta R.T. -0.006 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

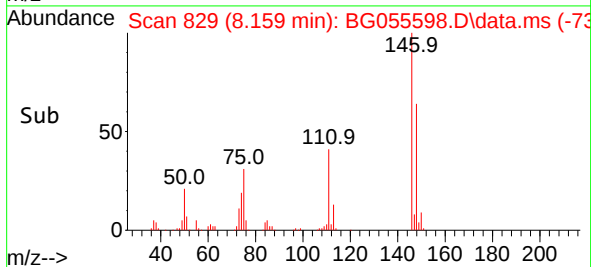
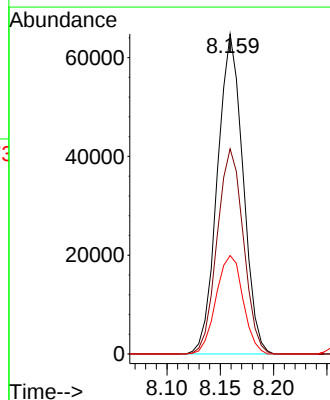
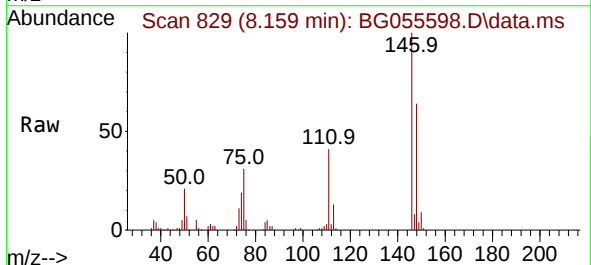
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

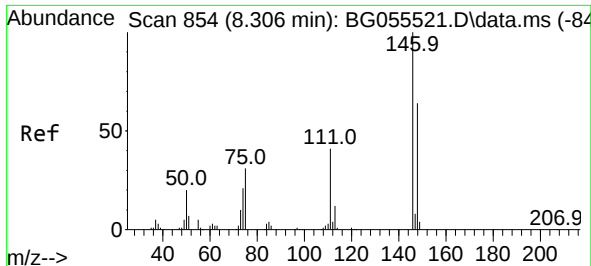
Tgt Ion: 93	Resp: 88072
Ion Ratio	Lower Upper
93 100	
63 88.3	71.2 111.2
95 33.1	12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 24.822 ng
RT: 8.159 min Scan# 829
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:146	Resp:	107959	
Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.4
75	30.8	25.8	38.8

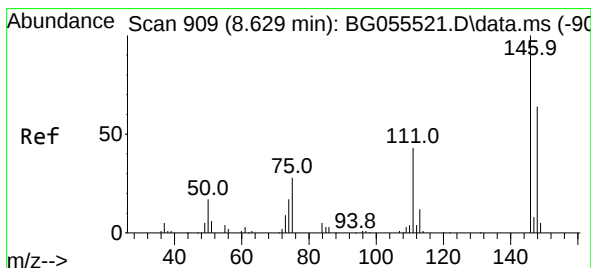
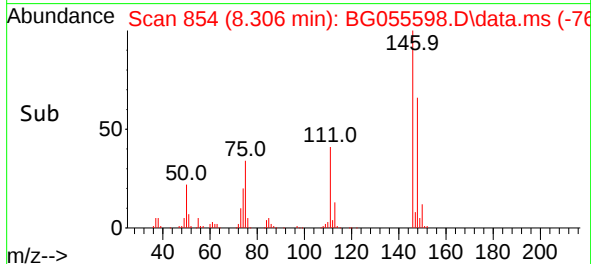
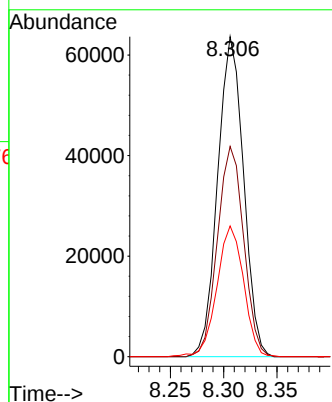
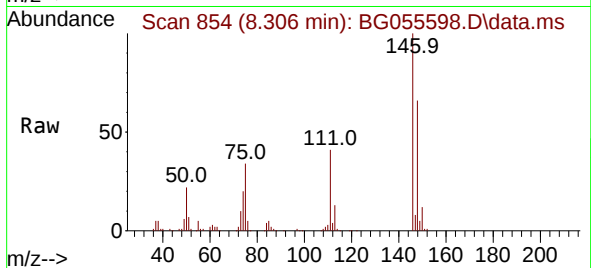




#13
1,4-Dichlorobenzene
Concen: 24.380 ng
RT: 8.306 min Scan# 811
Delta R.T. -0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

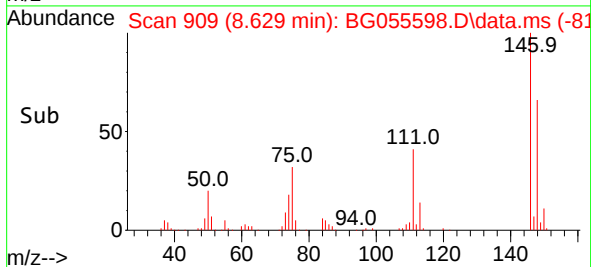
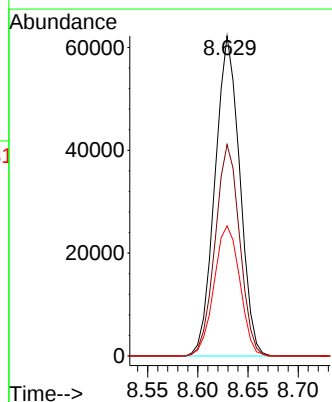
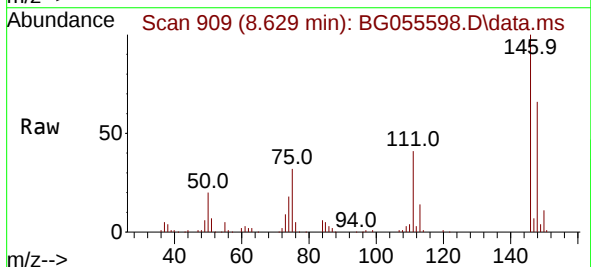
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

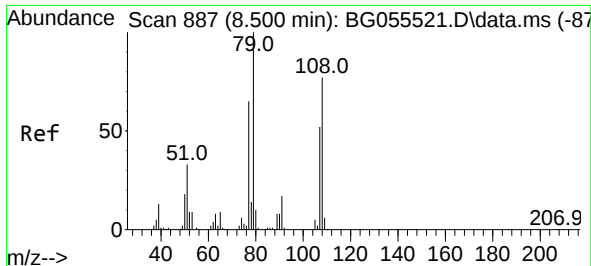
Tgt Ion:146 Resp: 107313
Ion Ratio Lower Upper
146 100
148 65.7 51.0 76.6
111 40.9 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 25.494 ng
RT: 8.629 min Scan# 909
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:146 Resp: 106568
Ion Ratio Lower Upper
146 100
148 66.0 51.8 77.6
111 40.6 34.6 52.0

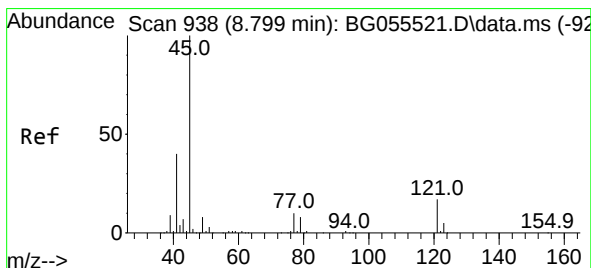
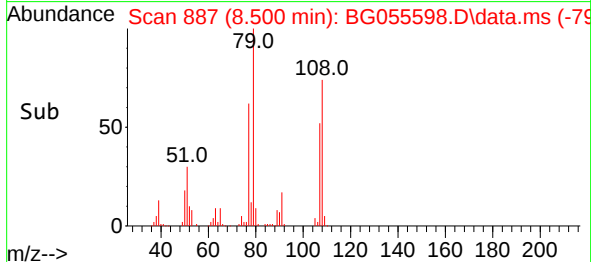
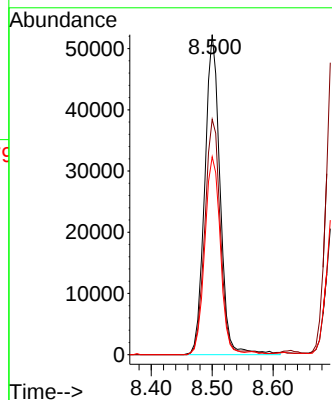
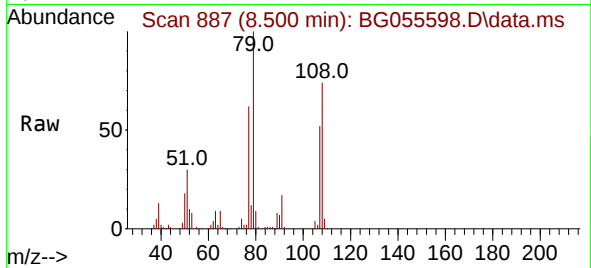




#15
Benzyl Alcohol
Concen: 24.434 ng
RT: 8.500 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

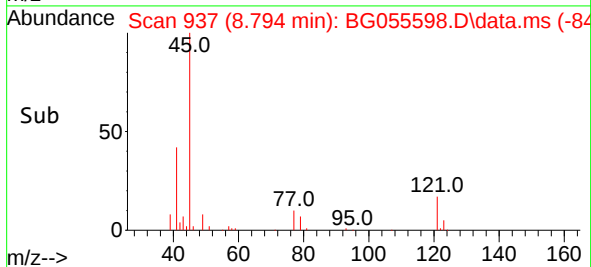
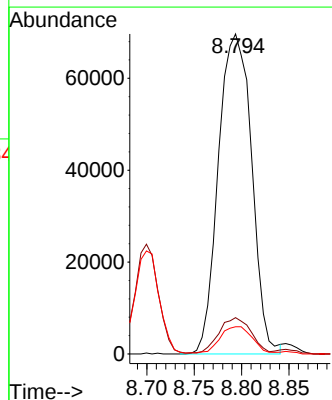
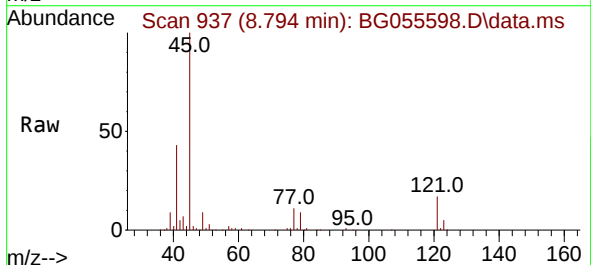
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

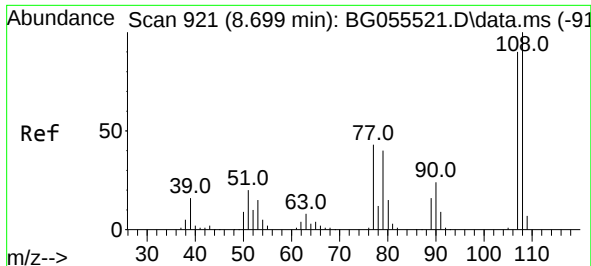
Tgt Ion: 79 Resp: 91538
Ion Ratio Lower Upper
79 100
108 73.6 61.8 92.6
77 61.8 52.4 78.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 22.217 ng
RT: 8.794 min Scan# 937
Delta R.T. -0.005 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion: 45 Resp: 169983
Ion Ratio Lower Upper
45 100
77 11.4 0.0 30.4
79 8.5 0.0 28.3

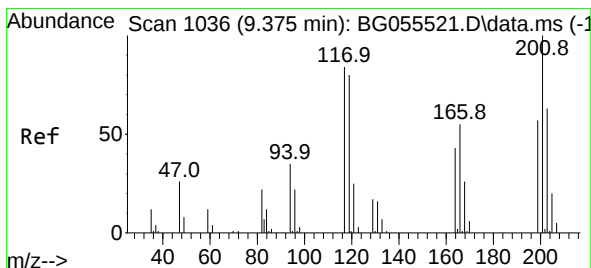
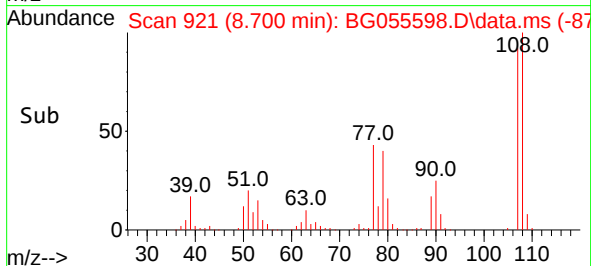
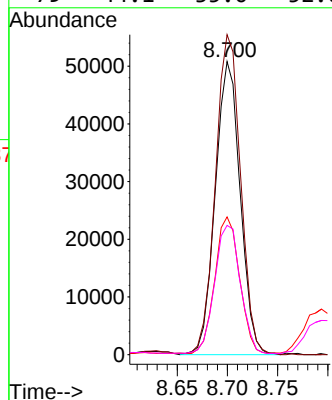
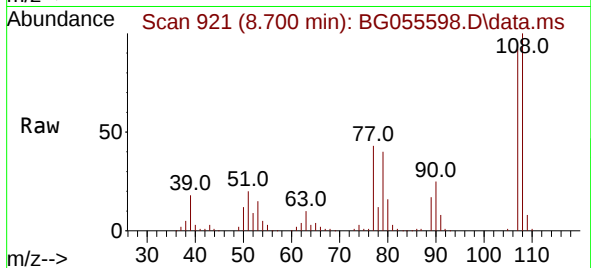




#17
2-Methylphenol
Concen: 25.231 ng
RT: 8.700 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

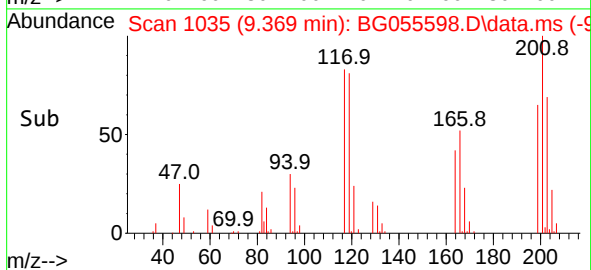
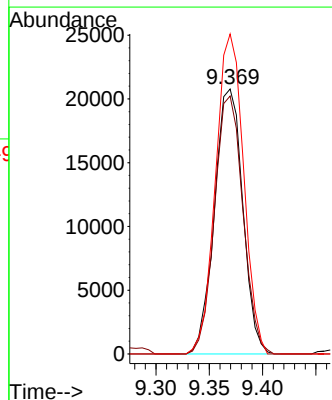
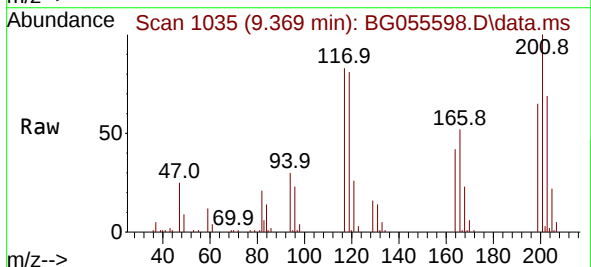
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

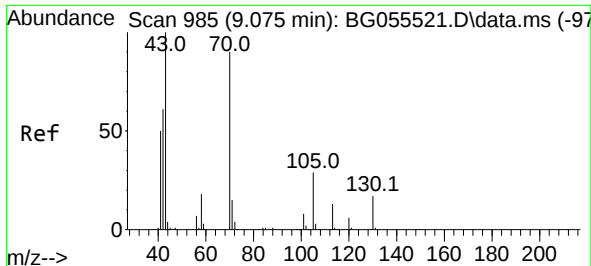
Tgt Ion:	107	Resp:	87810
Ion	Ratio	Lower	Upper
107	100		
108	109.1	88.6	132.8
77	47.0	38.2	57.2
79	44.1	35.0	52.6



#18
Hexachloroethane
Concen: 26.223 ng
RT: 9.369 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:	117	Resp:	38320
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.3	115.9
201	120.7	94.8	142.2

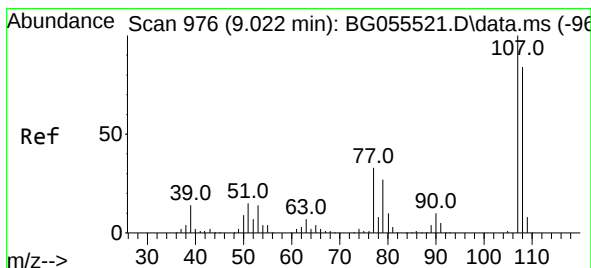
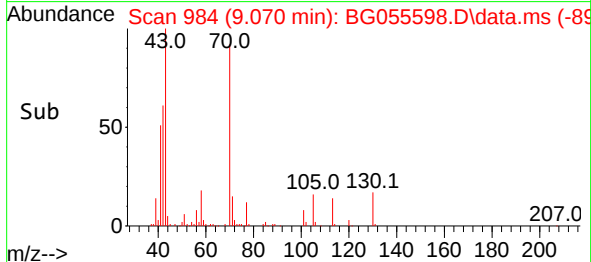
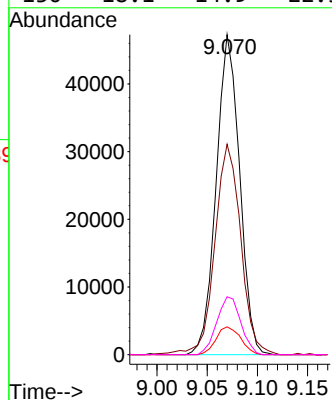
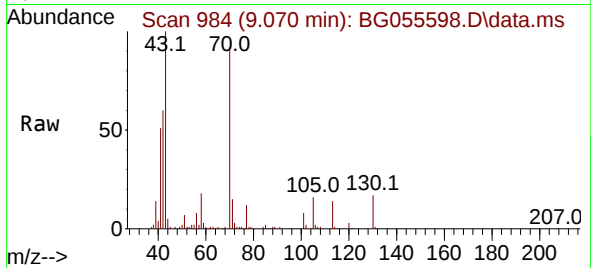




#19
n-Nitroso-di-n-propylamine
Concen: 21.609 ng
RT: 9.070 min Scan# 985
Delta R.T. -0.005 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

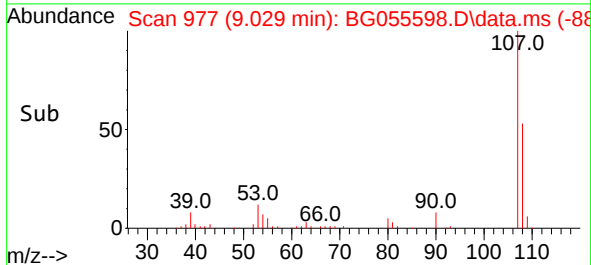
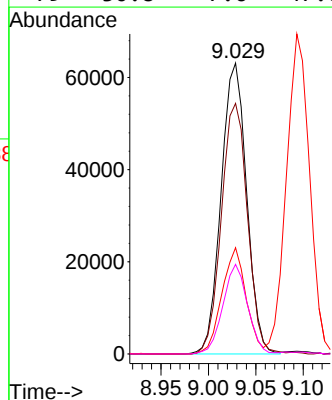
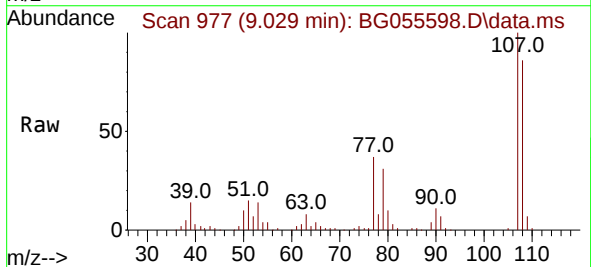
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

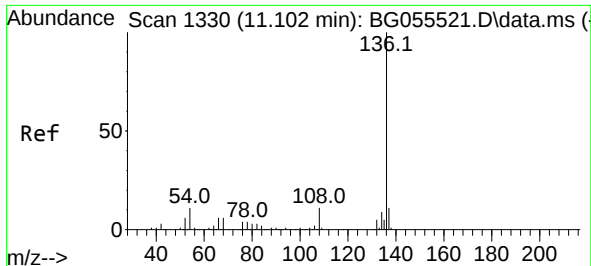
Tgt Ion:	70	Resp:	76719
Ion	Ratio	Lower	Upper
70	100		
42	65.8	54.8	82.2
101	8.7	6.8	10.2
130	18.1	14.9	22.3



#20
3+4-Methylphenols
Concen: 24.352 ng
RT: 9.029 min Scan# 977
Delta R.T. 0.007 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:	107	Resp:	118068
Ion	Ratio	Lower	Upper
107	100		
108	86.1	63.9	103.9
77	36.5	13.2	53.2
79	30.8	7.6	47.6

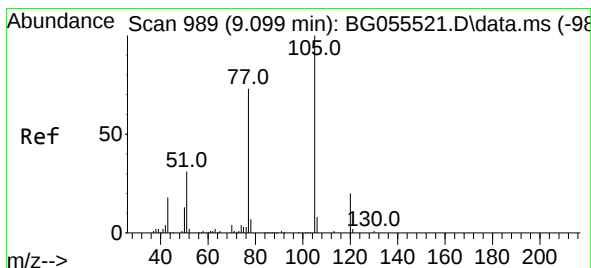
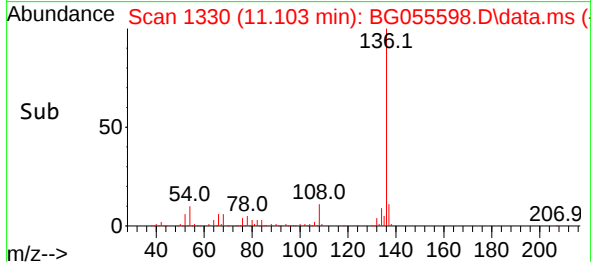
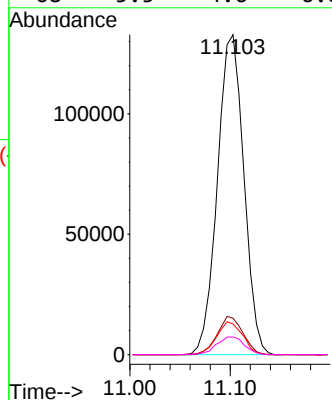
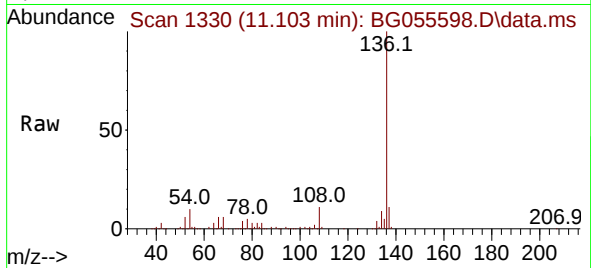




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.103 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

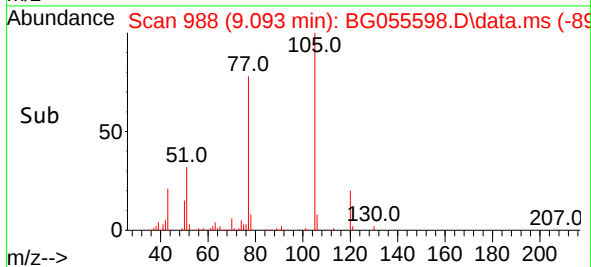
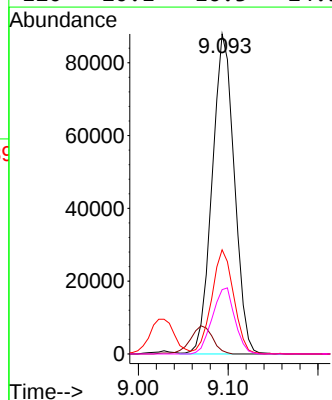
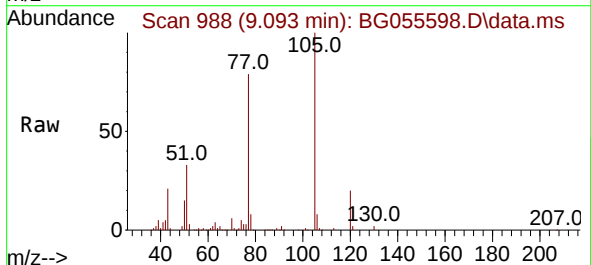
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

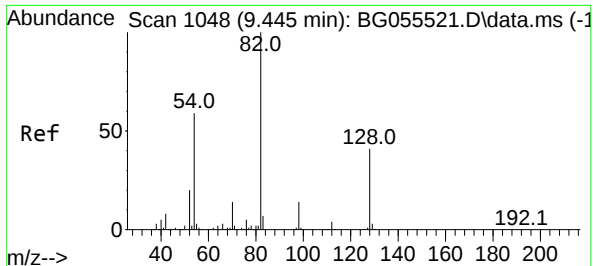
Tgt Ion:136 Resp: 242776
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 9.6 8.6 12.8
68 5.5 4.6 6.8



#22
Acetophenone
Concen: 23.311 ng
RT: 9.093 min Scan# 988
Delta R.T. -0.006 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:105 Resp: 150550
Ion Ratio Lower Upper
105 100
71 1.0 0.8 1.2
51 32.6 26.5 39.7
120 20.1 16.3 24.5





#23

Nitrobenzene-d5

Concen: 44.943 ng

RT: 9.440 min Scan# 1047

Delta R.T. -0.005 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

Instrument :

BNA_G

ClientSampleId :

NB-08-111022MS

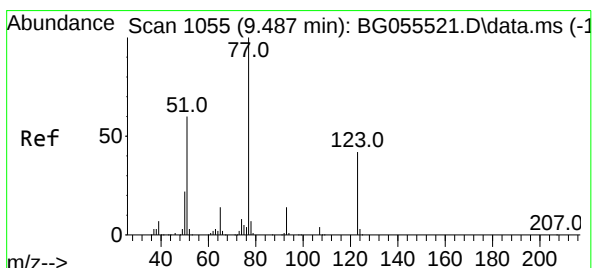
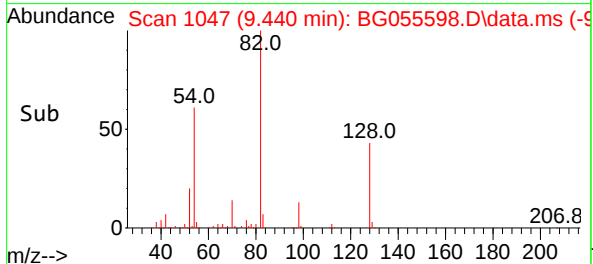
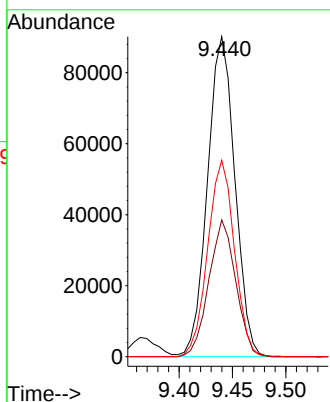
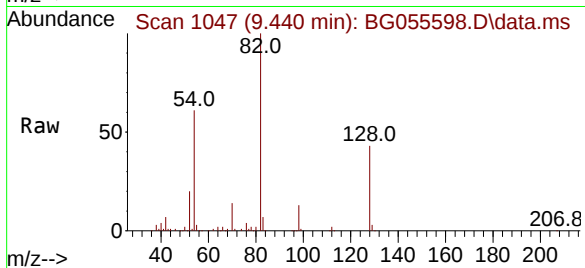
Tgt Ion: 82 Resp: 160949

Ion Ratio Lower Upper

82 100

128 42.7 32.6 49.0

54 61.4 47.3 70.9



#24

Nitrobenzene

Concen: 27.063 ng

RT: 9.481 min Scan# 1054

Delta R.T. -0.006 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

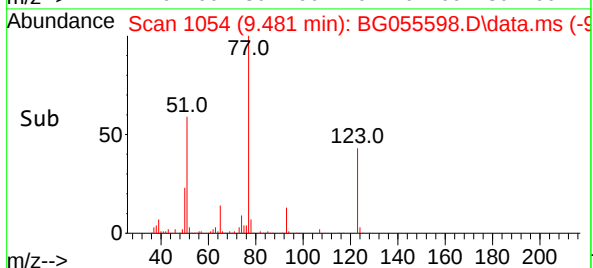
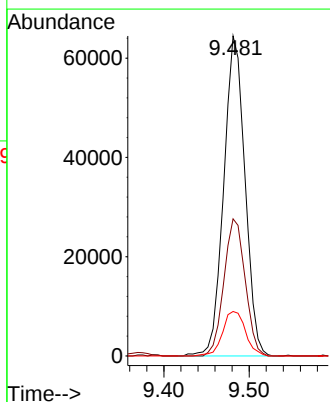
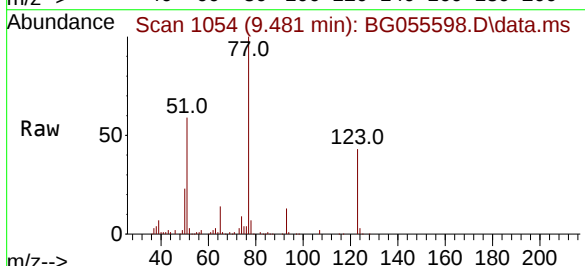
Tgt Ion: 77 Resp: 111498

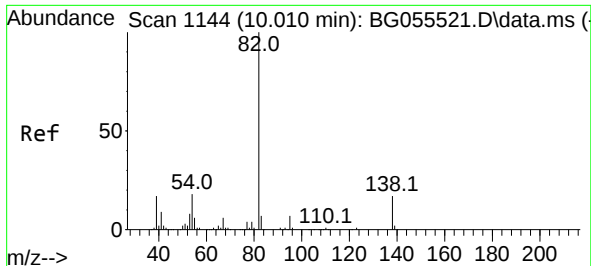
Ion Ratio Lower Upper

77 100

123 42.9 33.4 50.2

65 13.9 11.5 17.3

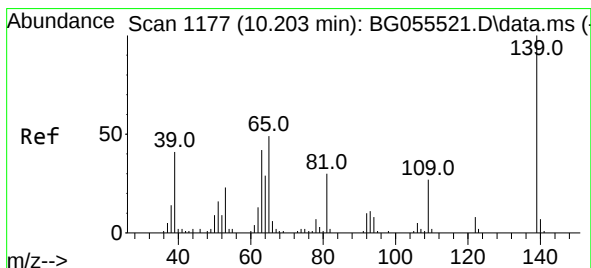
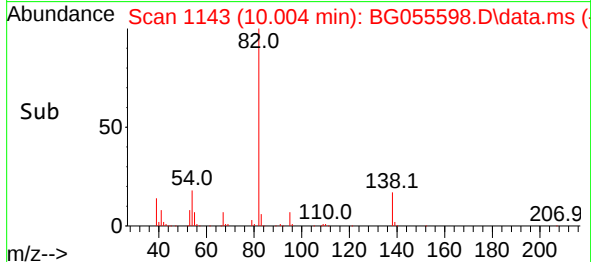
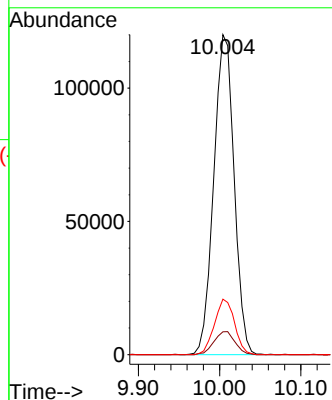
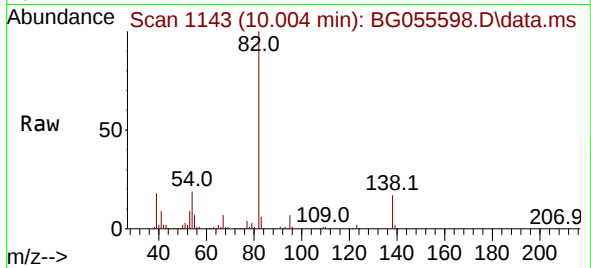




#25
Isophorone
Concen: 22.855 ng
RT: 10.004 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

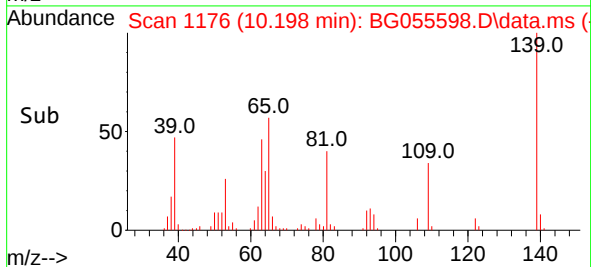
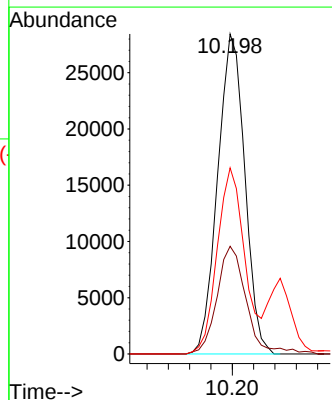
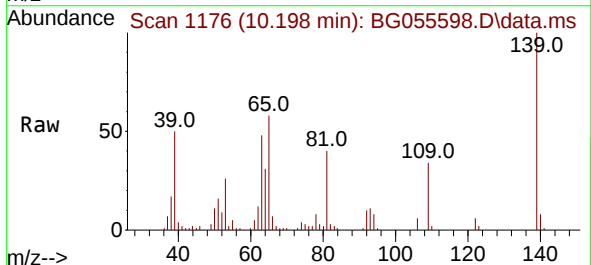
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

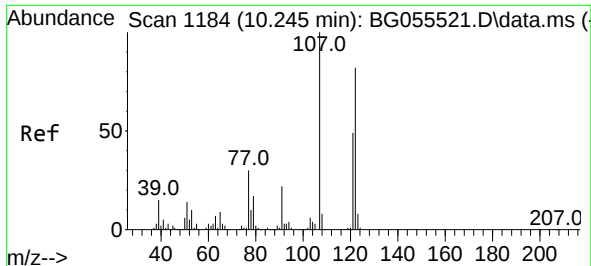
Tgt Ion: 82 Resp: 209107
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 17.3 13.8 20.6



#26
2-Nitrophenol
Concen: 37.888 ng
RT: 10.198 min Scan# 1176
Delta R.T. -0.005 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:139 Resp: 50223
Ion Ratio Lower Upper
139 100
109 33.7 21.5 32.3#
65 58.2 39.6 59.4





#27

2,4-Dimethylphenol

Concen: 29.950 ng

RT: 10.245 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

Instrument :

BNA_G

ClientSampleId :

NB-08-111022MS

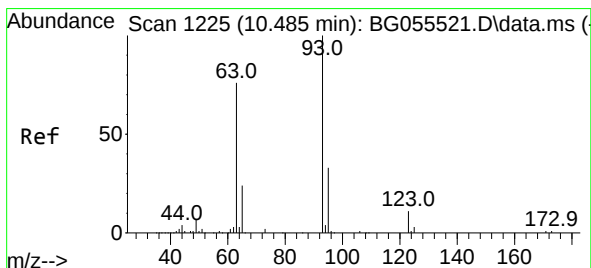
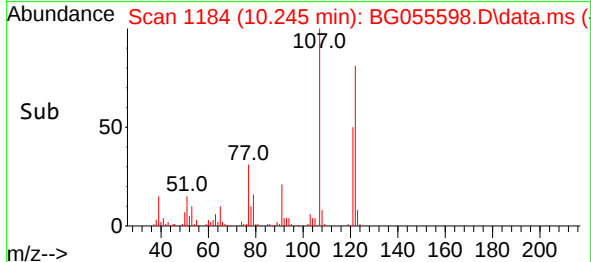
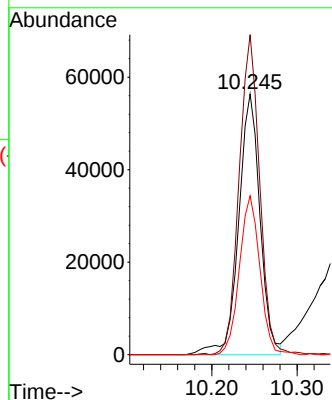
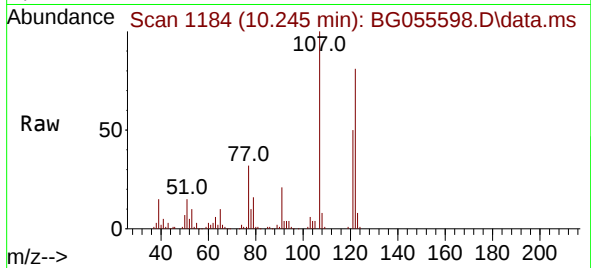
Tgt Ion:122 Resp: 97972

Ion Ratio Lower Upper

122 100

107 122.8 97.8 146.6

121 60.9 47.9 71.9



#28

bis(2-Chloroethoxy)methane

Concen: 24.424 ng

RT: 10.486 min Scan# 1225

Delta R.T. 0.001 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

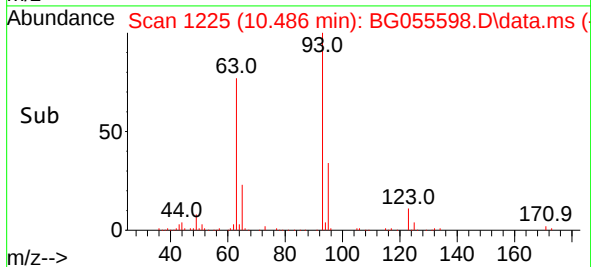
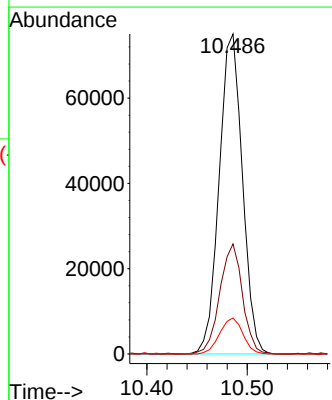
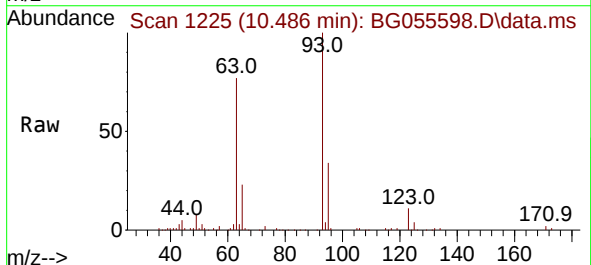
Tgt Ion: 93 Resp: 120483

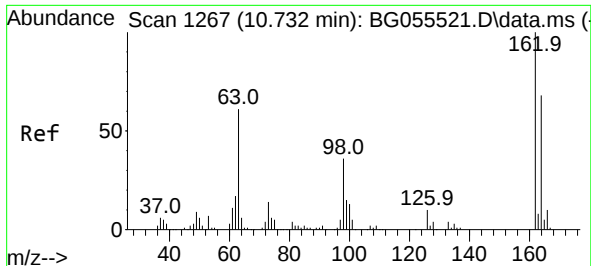
Ion Ratio Lower Upper

93 100

95 34.4 26.2 39.4

123 11.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 27.363 ng

RT: 10.738 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

Instrument :

BNA_G

ClientSampleId :

NB-08-111022MS

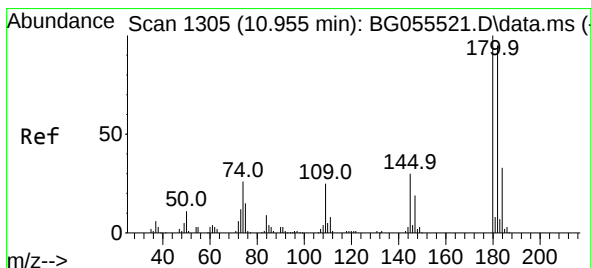
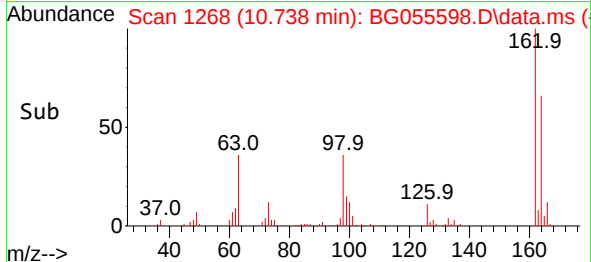
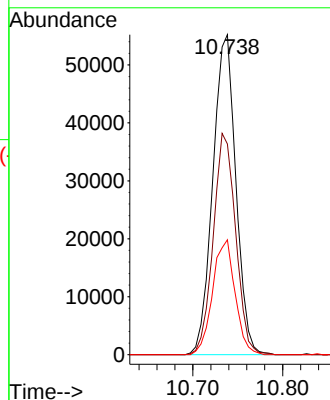
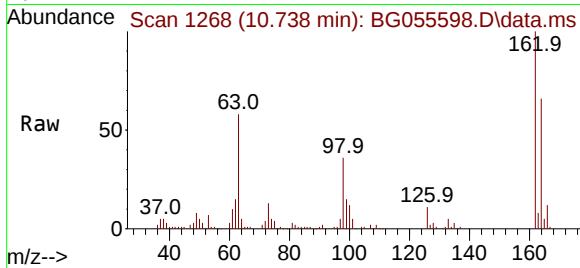
Tgt Ion:162 Resp: 98368

Ion Ratio Lower Upper

162 100

164 65.9 48.3 88.3

98 35.9 15.6 55.6



#30

1,2,4-Trichlorobenzene

Concen: 24.599 ng

RT: 10.956 min Scan# 1305

Delta R.T. 0.001 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

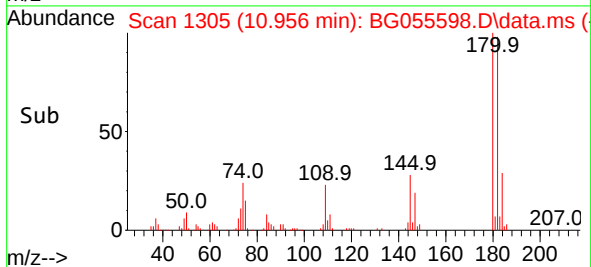
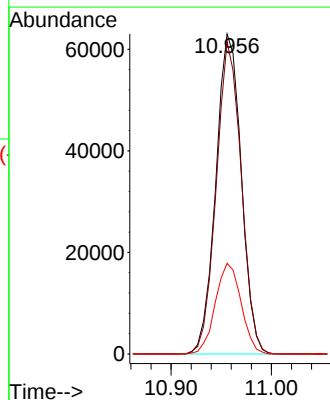
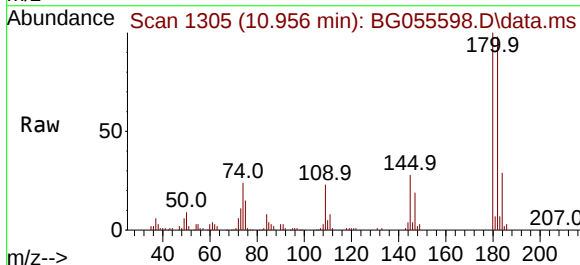
Tgt Ion:180 Resp: 110772

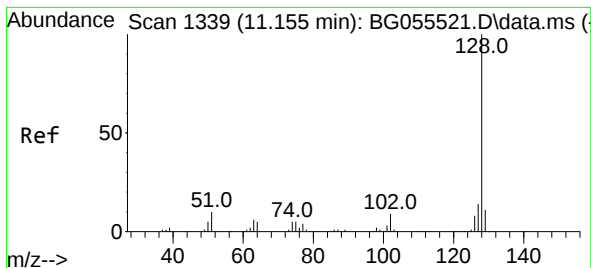
Ion Ratio Lower Upper

180 100

182 97.6 75.9 113.9

145 28.3 23.8 35.6

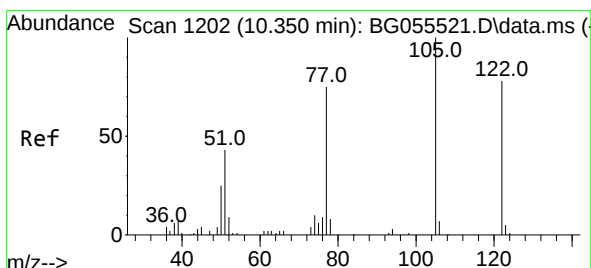
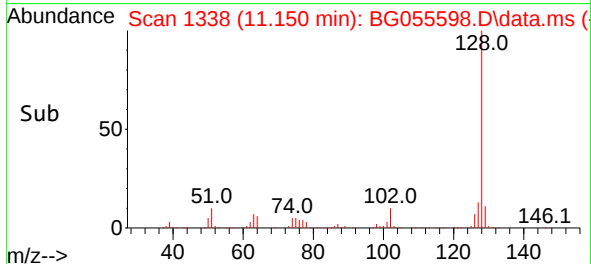
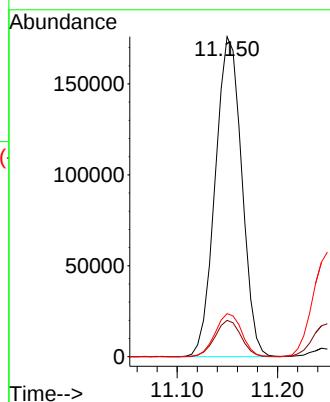
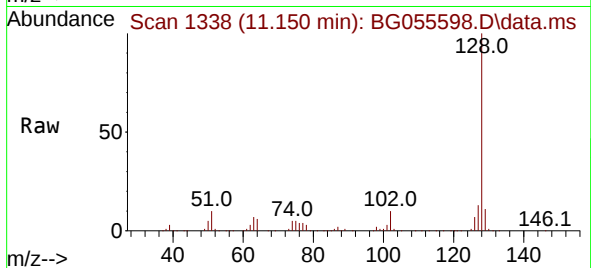




#31
Naphthalene
Concen: 24.603 ng
RT: 11.150 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

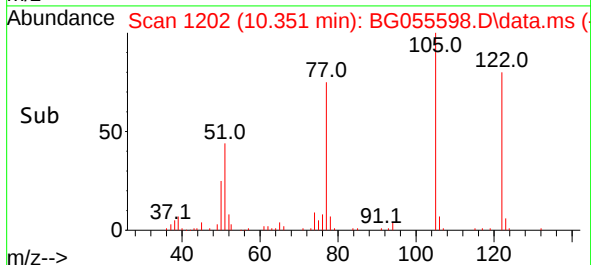
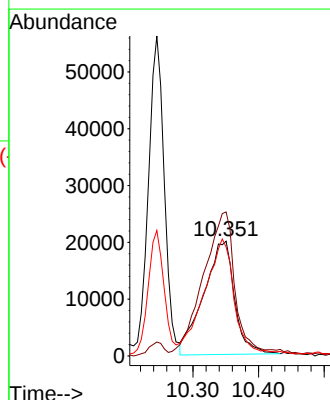
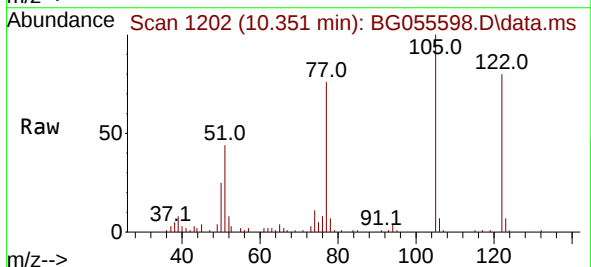
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

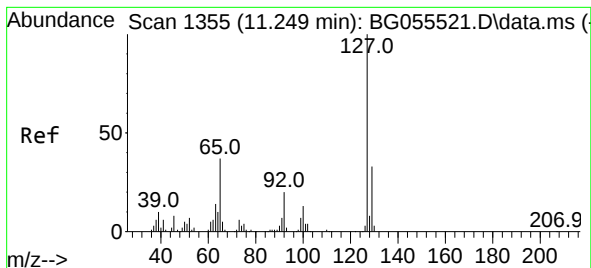
Tgt Ion:128 Resp: 322935
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.5 11.1 16.7



#32
Benzoic acid
Concen: 36.923 ng
RT: 10.351 min Scan# 1202
Delta R.T. 0.001 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:122 Resp: 65271
Ion Ratio Lower Upper
122 100
105 125.5 101.2 141.2
77 94.9 74.4 114.4

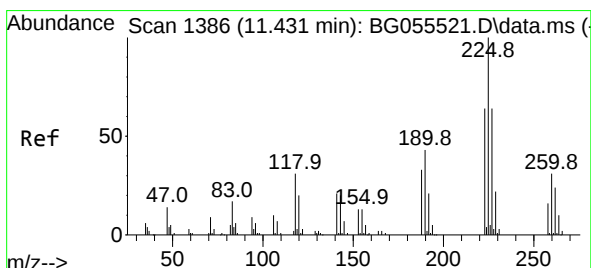
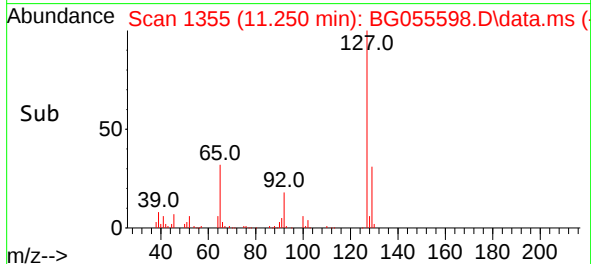
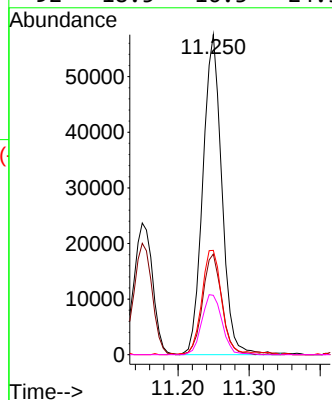
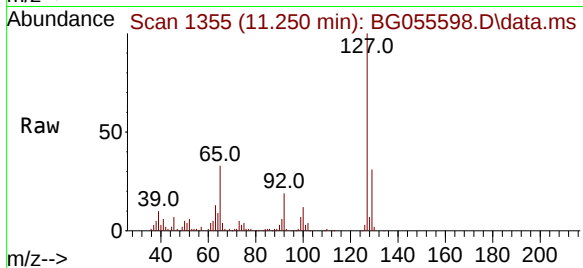




#33
4-Chloroaniline
Concen: 19.499 ng
RT: 11.250 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

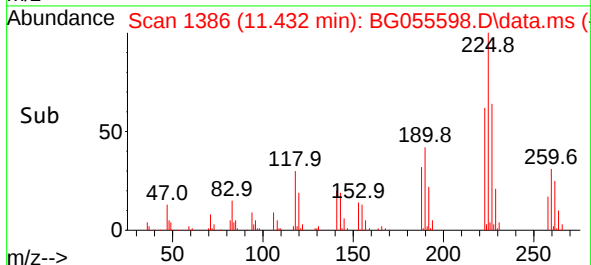
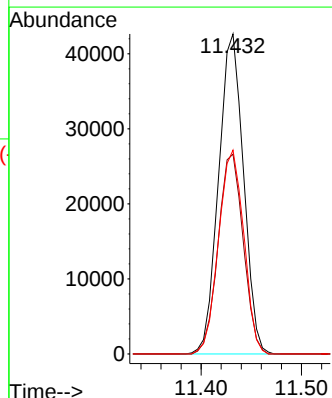
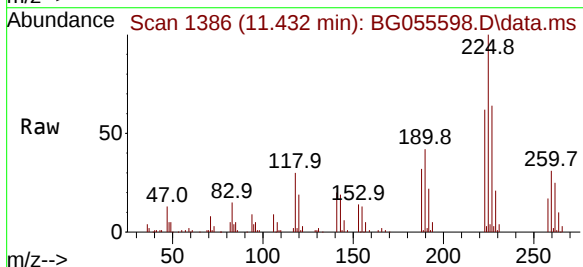
Instrument :
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ClientSampleId :
NB-08-111022MS

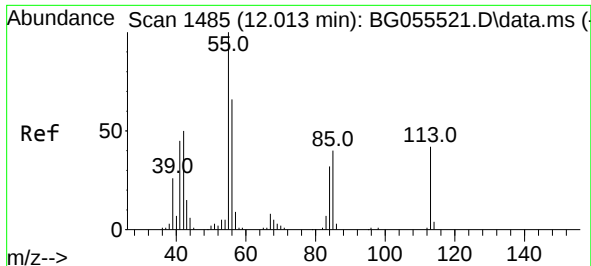
Tgt Ion:	127	Resp:	106981
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.5	39.7
65	32.6	29.3	43.9
92	18.5	16.3	24.5



#34
Hexachlorobutadiene
Concen: 24.440 ng
RT: 11.432 min Scan# 1386
Delta R.T. 0.001 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:	225	Resp:	73399
Ion	Ratio	Lower	Upper
225	100		
223	59.9	51.5	77.3
227	61.1	51.6	77.4

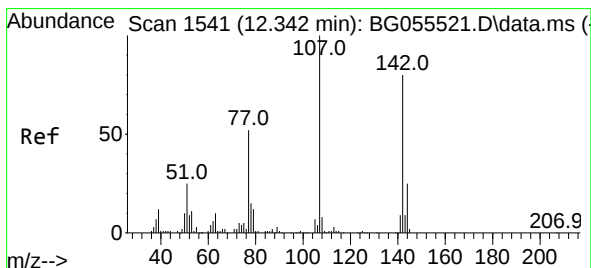
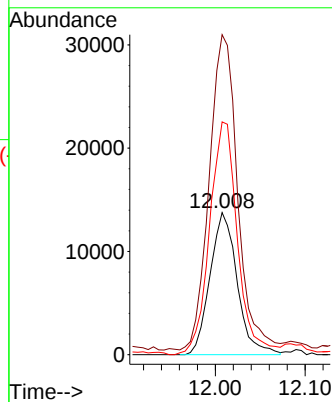
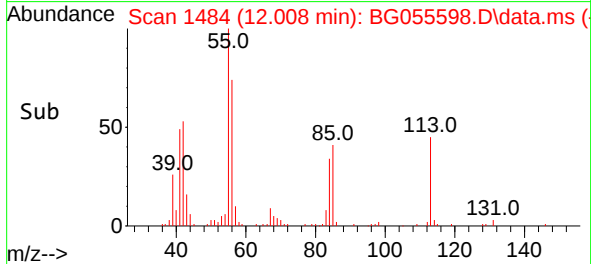
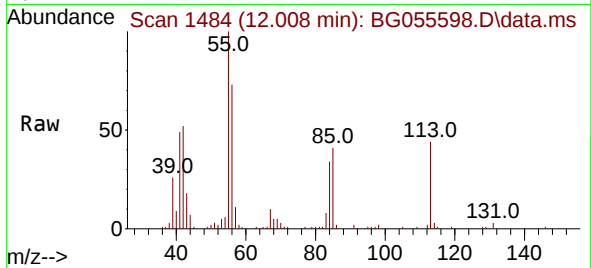




#35
Caprolactam
Concen: 23.607 ng
RT: 12.008 min Scan# 1485
Delta R.T. -0.005 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

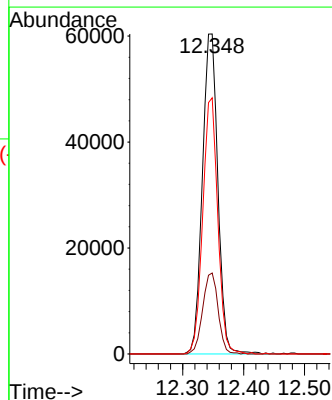
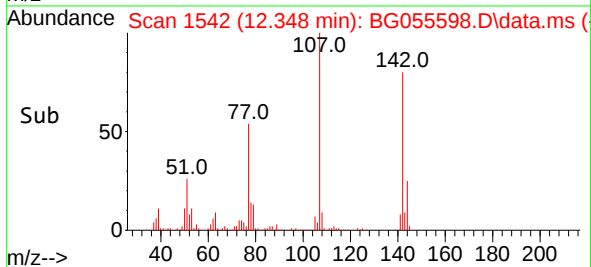
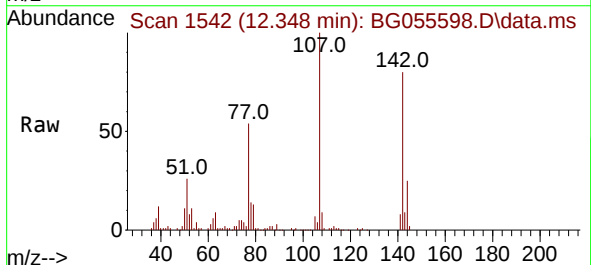
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

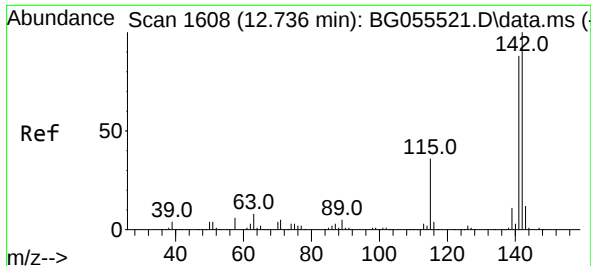
Tgt Ion:113 Resp: 28930
Ion Ratio Lower Upper
113 100
55 225.3 215.6 255.6
56 163.9 136.5 176.5



#36
4-Chloro-3-methylphenol
Concen: 25.129 ng
RT: 12.348 min Scan# 1542
Delta R.T. 0.006 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:107 Resp: 106482
Ion Ratio Lower Upper
107 100
144 25.3 20.3 30.5
142 80.1 64.1 96.1

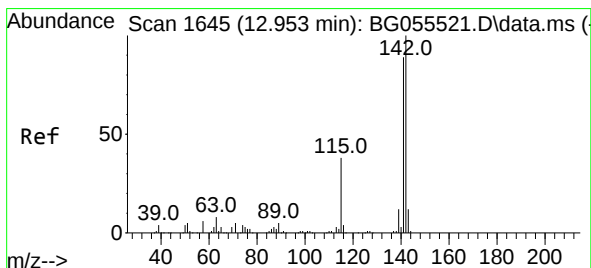
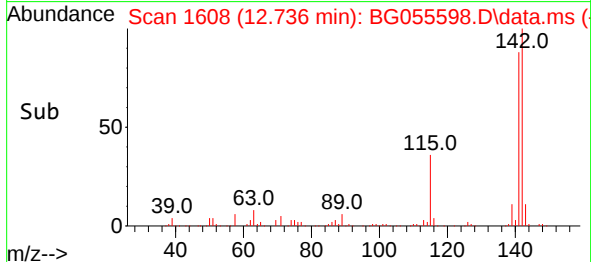
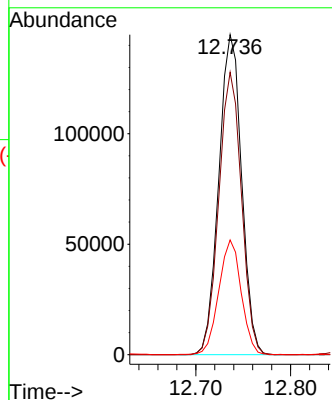
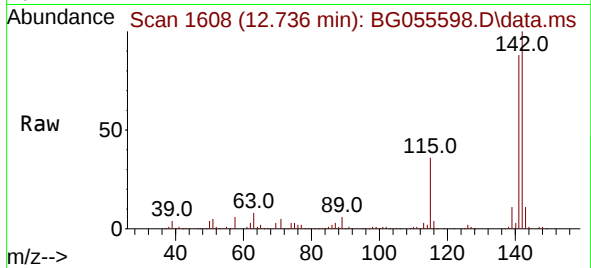




#37
2-Methylnaphthalene
Concen: 24.584 ng
RT: 12.736 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

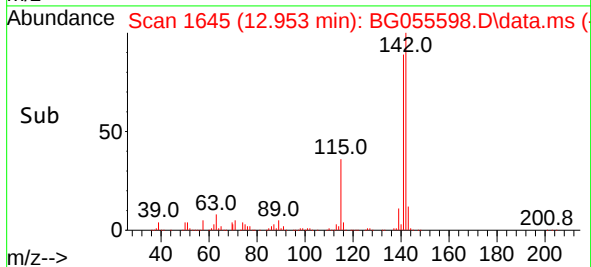
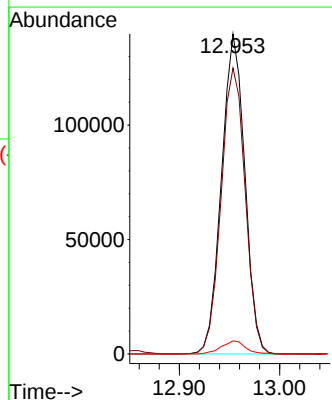
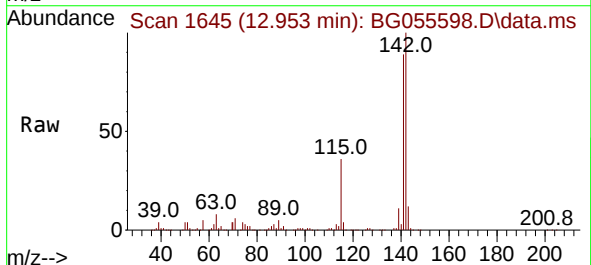
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

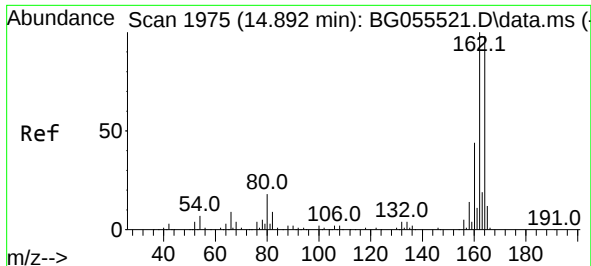
Tgt Ion:142 Resp: 242441
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5
115 35.8 28.9 43.3



#38
1-Methylnaphthalene
Concen: 23.369 ng
RT: 12.953 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:142 Resp: 225430
Ion Ratio Lower Upper
142 100
141 89.4 71.6 107.4
116 4.1 3.0 4.6

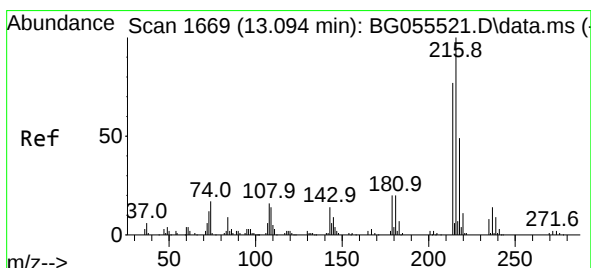
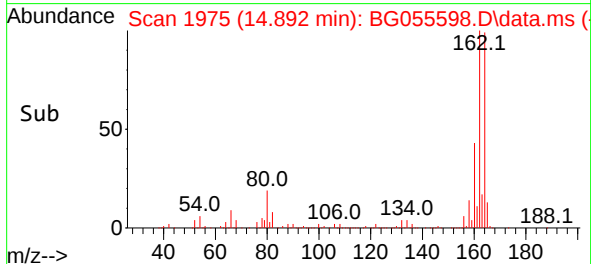
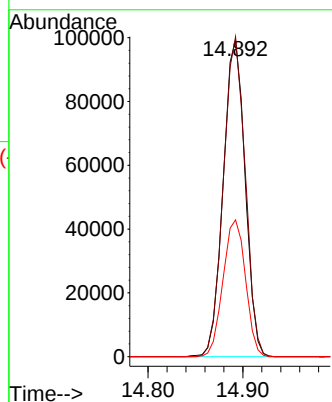
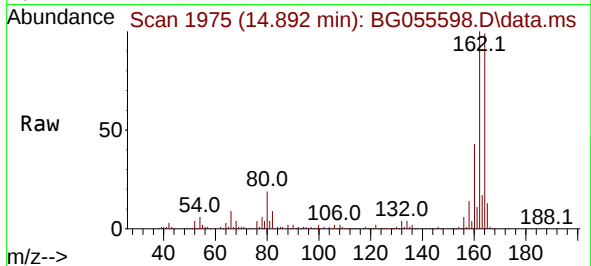




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.892 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

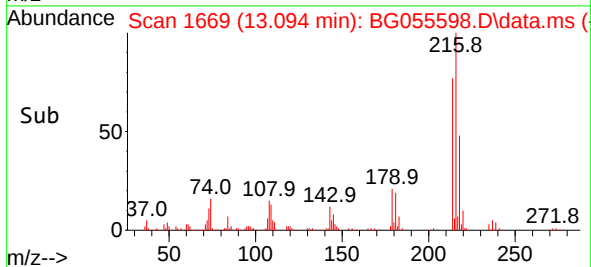
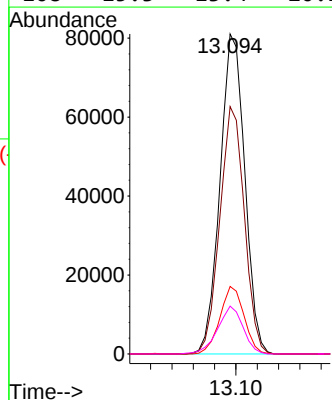
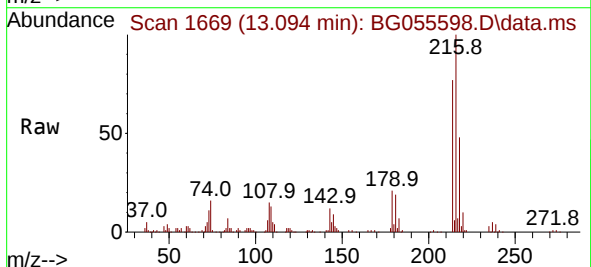
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

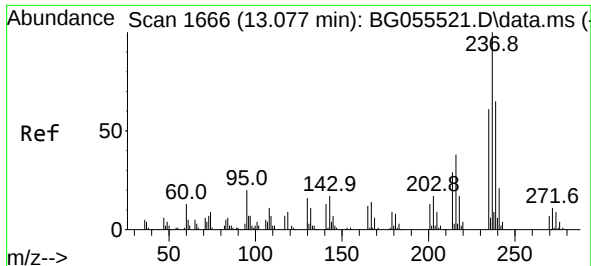
Tgt Ion:164 Resp: 159405
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 43.2 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 27.414 ng
RT: 13.094 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:216 Resp: 130535
Ion Ratio Lower Upper
216 100
214 76.6 61.3 91.9
179 20.6 16.3 24.5
108 15.3 13.4 20.2

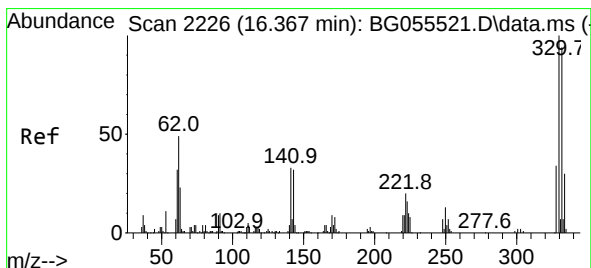
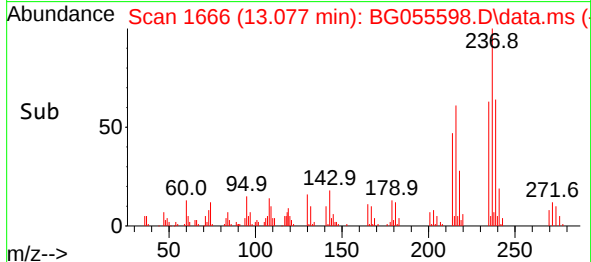
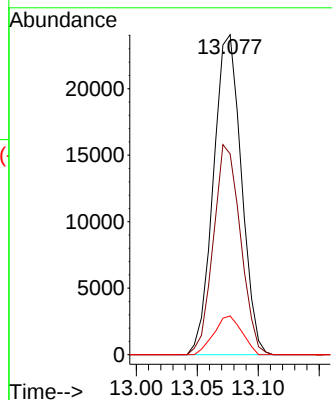
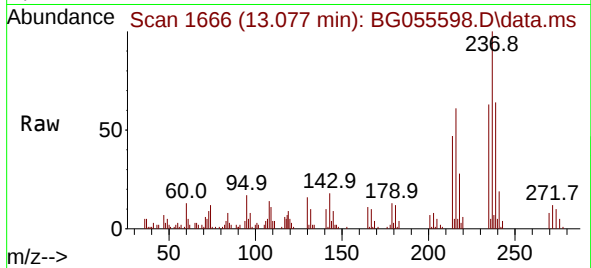




#41
Hexachlorocyclopentadiene
Concen: 18.850 ng
RT: 13.077 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

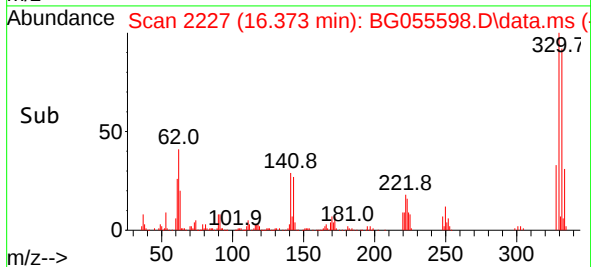
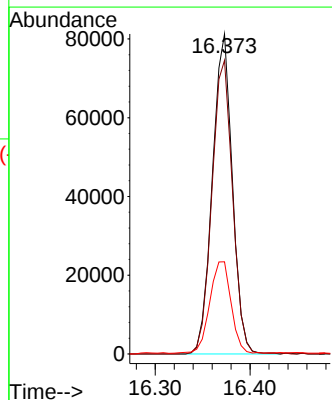
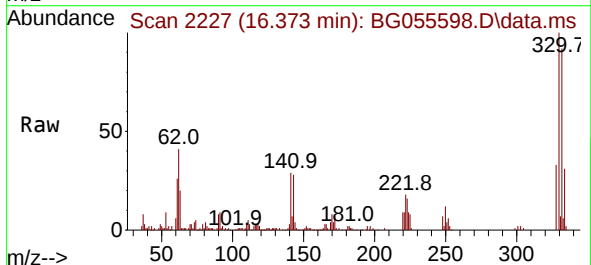
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

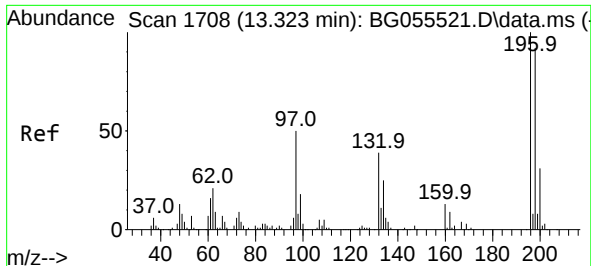
Tgt Ion:237 Resp: 38426
Ion Ratio Lower Upper
237 100
235 62.7 40.6 80.6
272 12.1 0.0 31.4



#42
2,4,6-Tribromophenol
Concen: 76.449 ng
RT: 16.373 min Scan# 2227
Delta R.T. 0.006 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:330 Resp: 118902
Ion Ratio Lower Upper
330 100
332 94.8 77.4 116.2
141 30.7 25.4 38.2

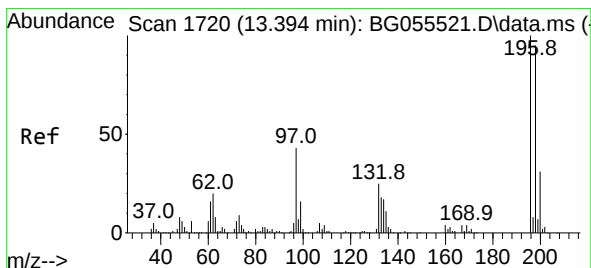
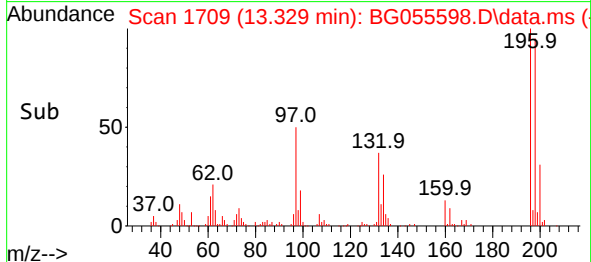
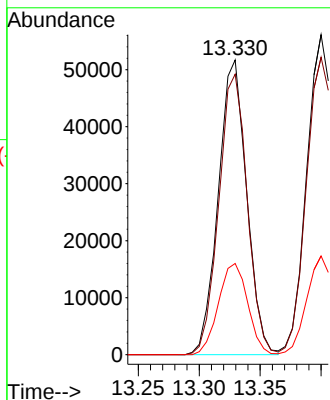
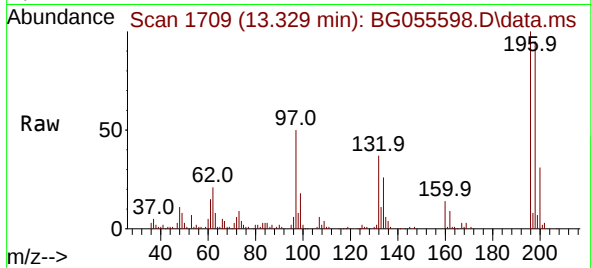




#43
2,4,6-Trichlorophenol
Concen: 29.951 ng
RT: 13.329 min Scan# 1708
Delta R.T. 0.006 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

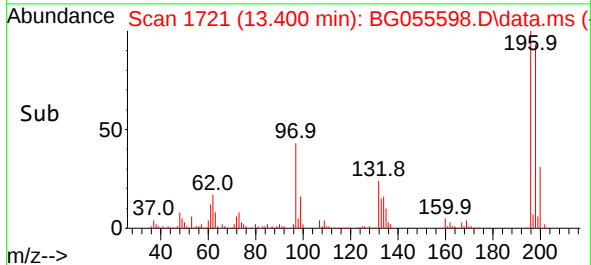
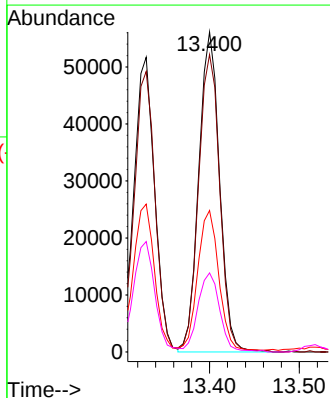
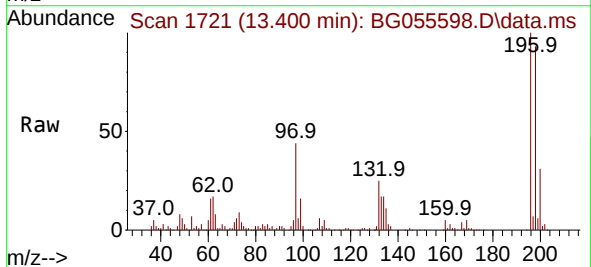
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

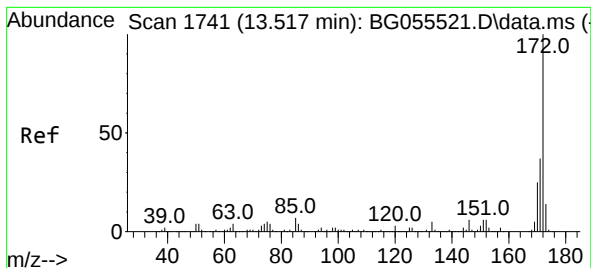
Tgt Ion:196 Resp: 83855
Ion Ratio Lower Upper
196 100
198 95.2 73.9 110.9
200 30.9 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 28.203 ng
RT: 13.400 min Scan# 1721
Delta R.T. 0.006 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:196 Resp: 90394
Ion Ratio Lower Upper
196 100
198 92.9 76.1 114.1
97 44.2 34.2 51.4
132 24.7 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 36.569 ng

RT: 13.518 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

Instrument :

BNA_G

ClientSampleId :

NB-08-111022MS

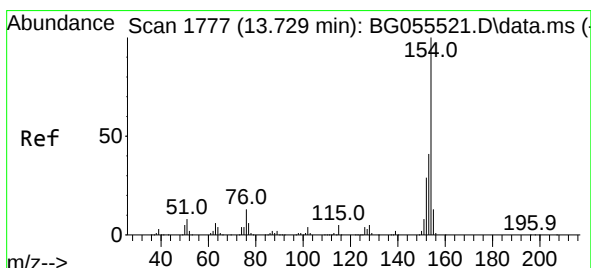
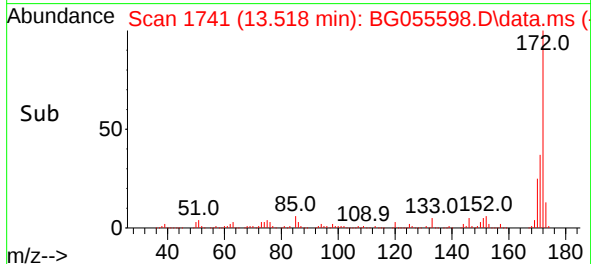
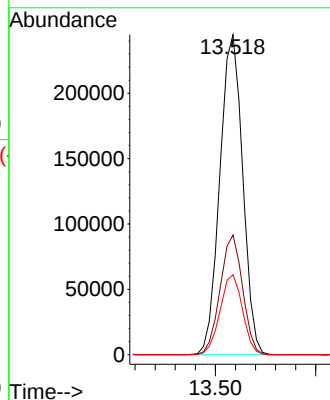
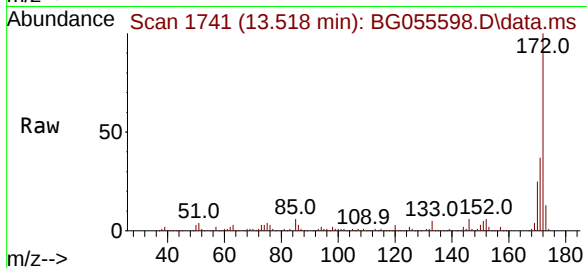
Tgt Ion:172 Resp: 386455

Ion Ratio Lower Upper

172 100

171 37.4 29.7 44.5

170 25.0 19.8 29.6



#46

1,1'-Biphenyl

Concen: 25.541 ng

RT: 13.729 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

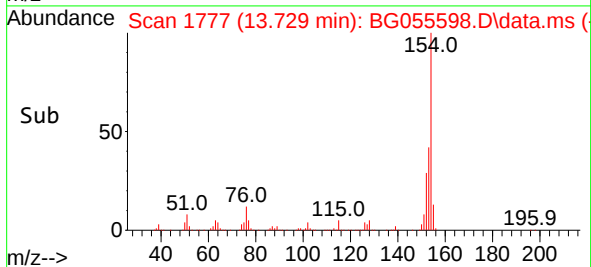
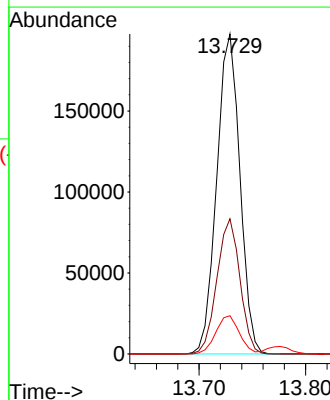
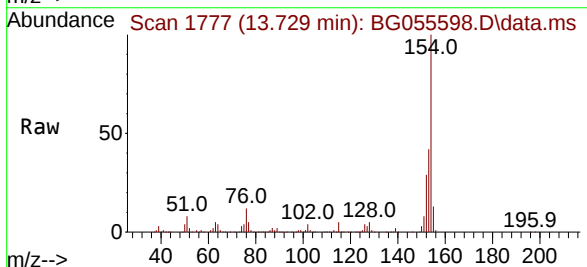
Tgt Ion:154 Resp: 297854

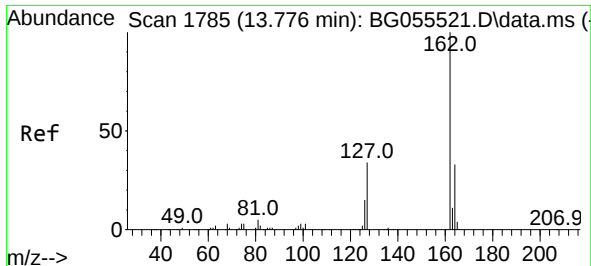
Ion Ratio Lower Upper

154 100

153 42.3 20.9 60.9

76 12.0 0.0 32.7

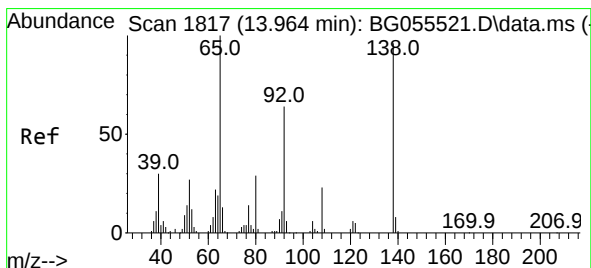
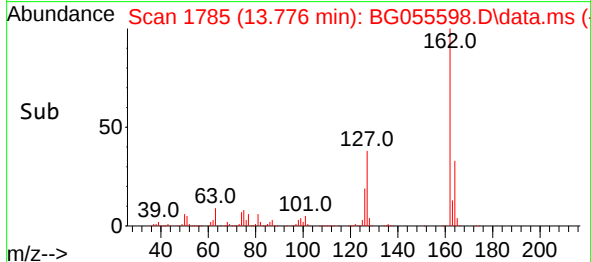
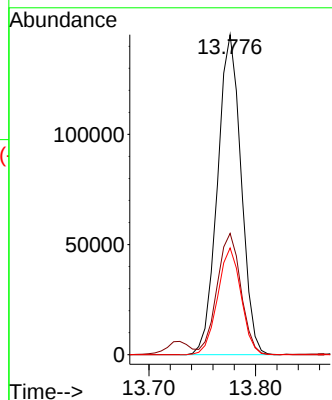
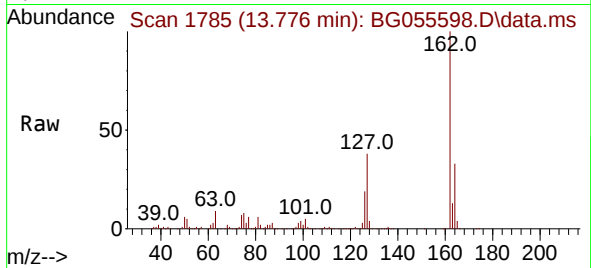




#47
2-Chloronaphthalene
Concen: 24.788 ng
RT: 13.776 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

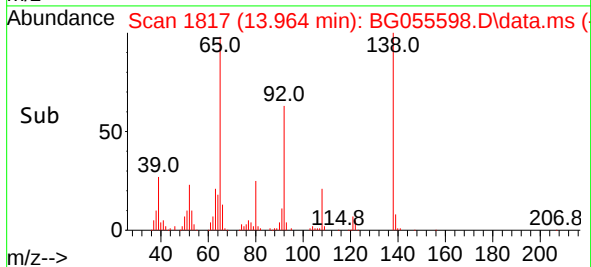
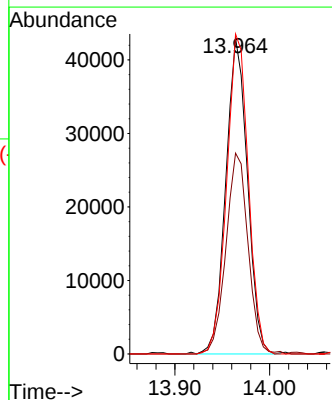
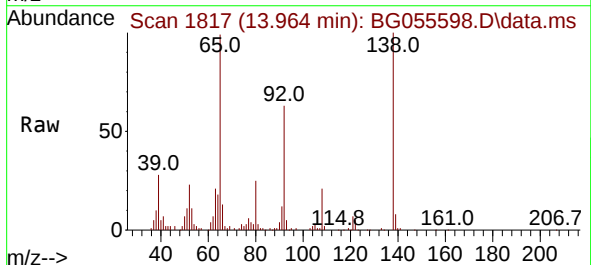
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

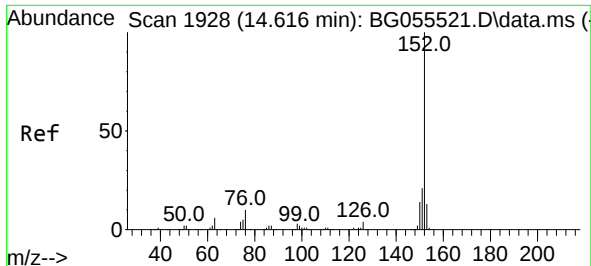
Tgt Ion:162 Resp: 223280
Ion Ratio Lower Upper
162 100
127 37.9 30.9 46.3
164 33.4 26.8 40.2



#48
2-Nitroaniline
Concen: 30.856 ng
RT: 13.964 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion: 65 Resp: 68185
Ion Ratio Lower Upper
65 100
92 63.6 51.6 77.4
138 101.3 77.0 115.4

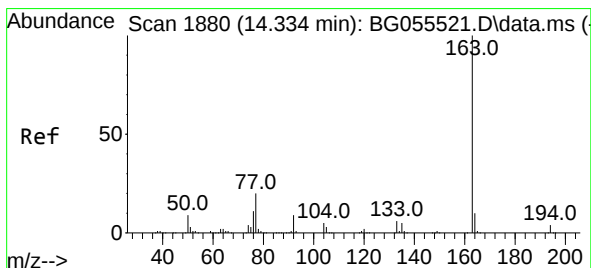
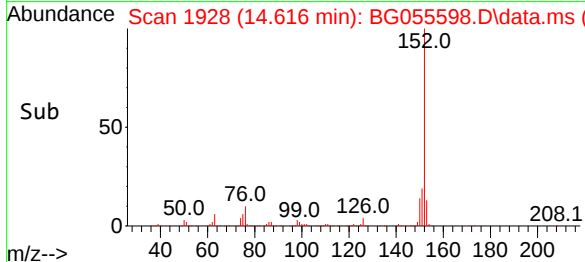
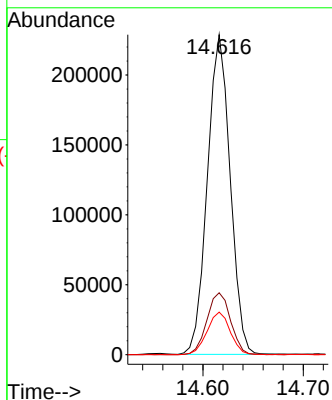
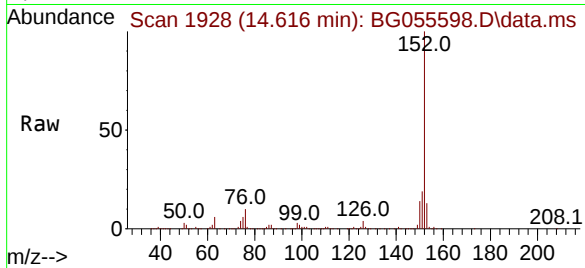




#49
Acenaphthylene
Concen: 24.199 ng
RT: 14.616 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

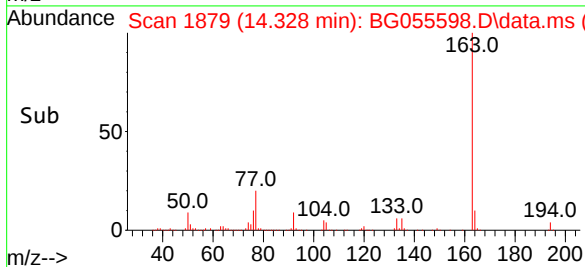
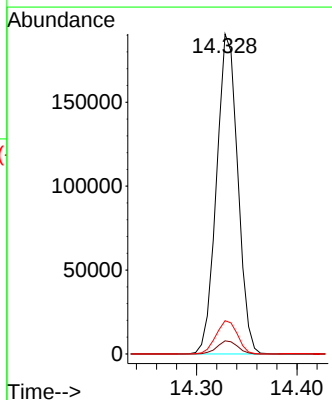
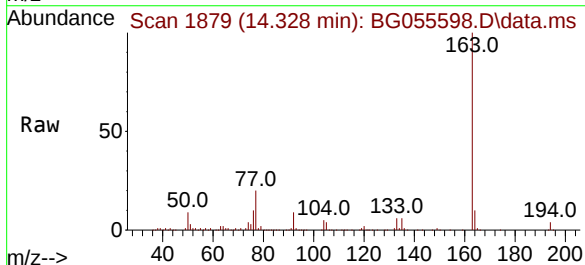
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

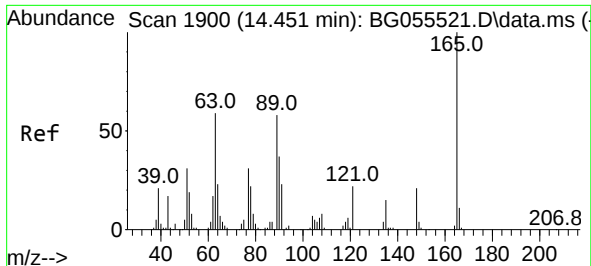
Tgt Ion:152 Resp: 360663
Ion Ratio Lower Upper
152 100
151 19.4 16.4 24.6
153 13.3 10.6 16.0



#50
Dimethylphthalate
Concen: 23.074 ng
RT: 14.328 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:163 Resp: 279487
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.4 8.2 12.4

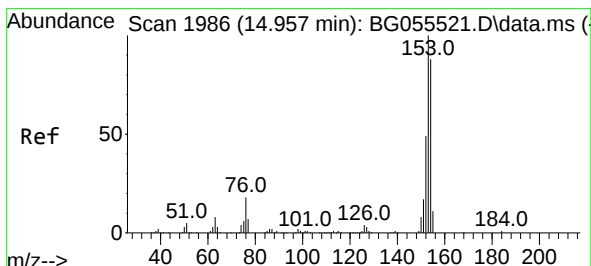
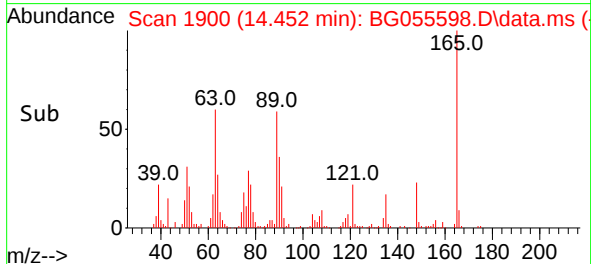
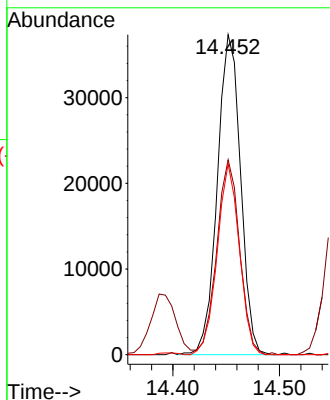
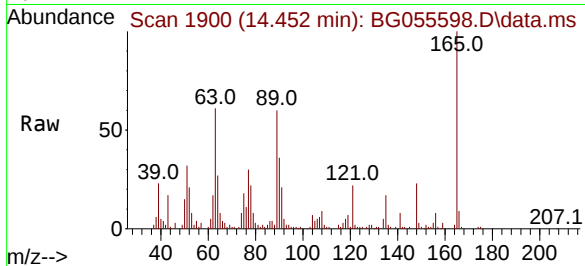




#51
2,6-Dinitrotoluene
Concen: 27.911 ng
RT: 14.452 min Scan# 1900
Delta R.T. 0.001 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

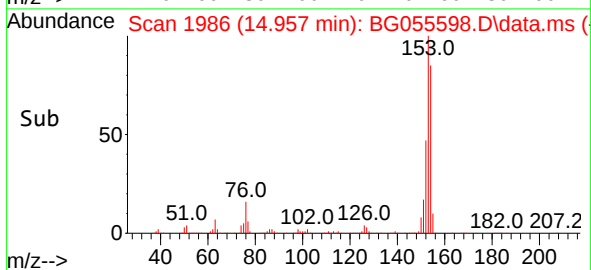
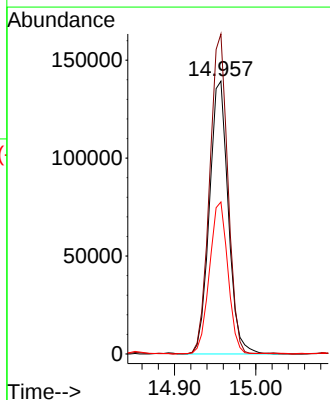
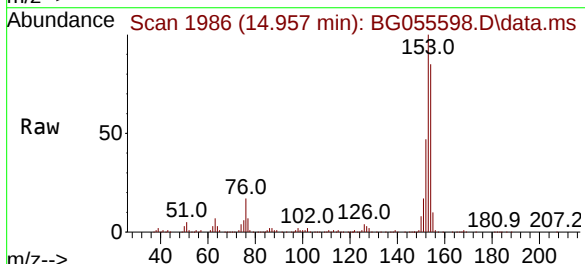
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

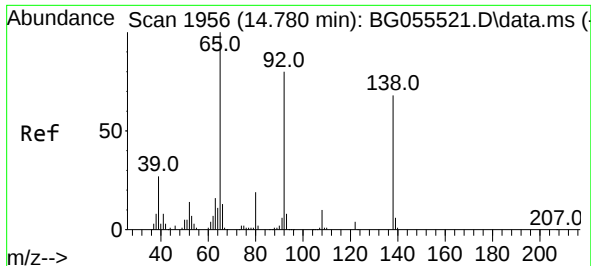
Tgt Ion:165 Resp: 56423
Ion Ratio Lower Upper
165 100
63 60.9 50.1 75.1
89 59.6 46.5 69.7



#52
Acenaphthene
Concen: 24.076 ng
RT: 14.957 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:154 Resp: 224012
Ion Ratio Lower Upper
154 100
153 117.3 91.4 137.0
152 55.7 44.5 66.7

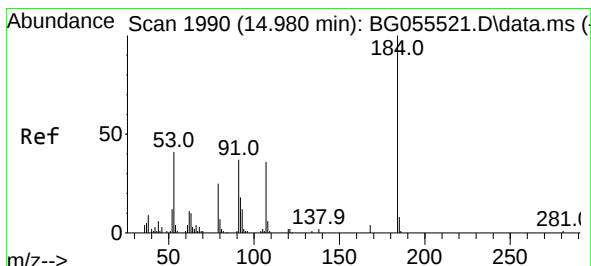
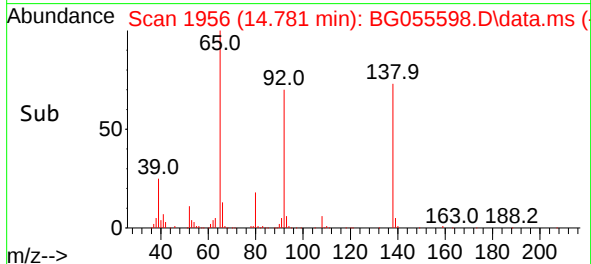
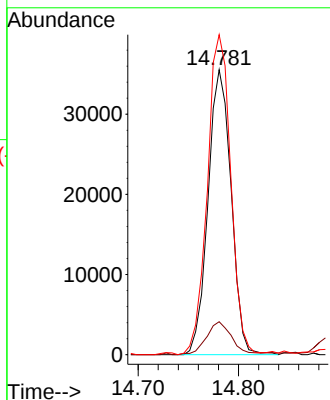
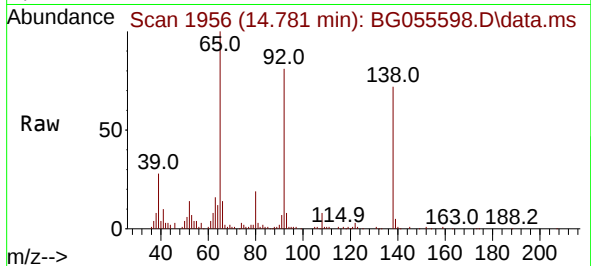




#53
3-Nitroaniline
Concen: 24.246 ng
RT: 14.781 min Scan# 1956
Delta R.T. 0.001 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

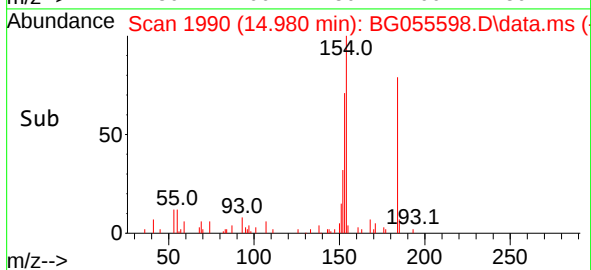
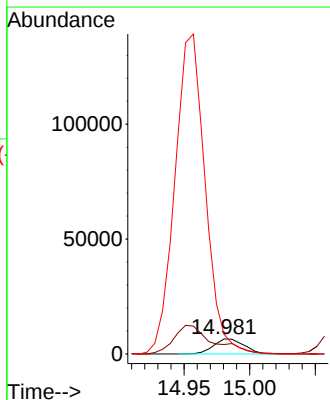
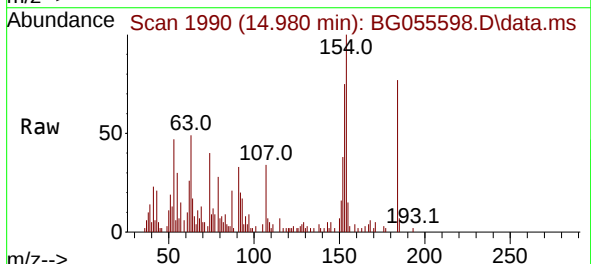
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

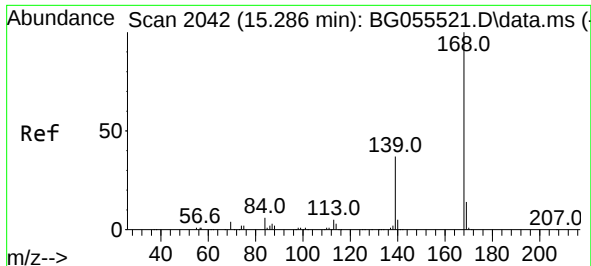
Tgt Ion:138 Resp: 56955
Ion Ratio Lower Upper
138 100
108 11.6 11.7 17.5#
92 112.3 94.3 141.5



#54
2,4-Dinitrophenol
Concen: 13.963 ng
RT: 14.980 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:184 Resp: 10516
Ion Ratio Lower Upper
184 100
63 63.1 43.8 65.8
154 129.4 77.2 115.8#

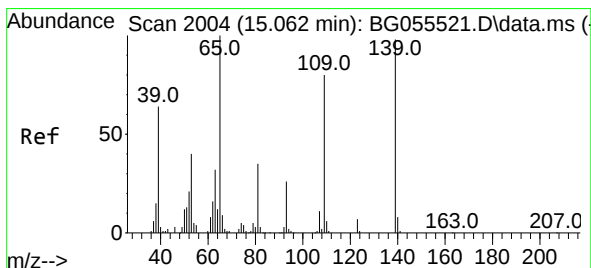
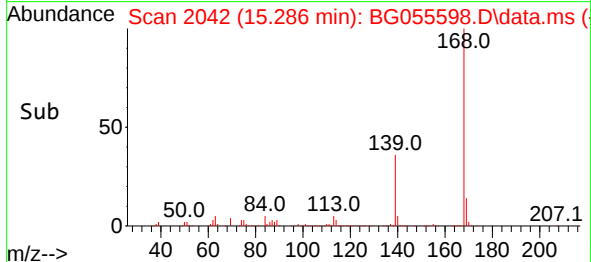
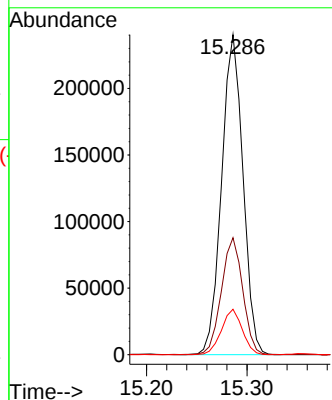
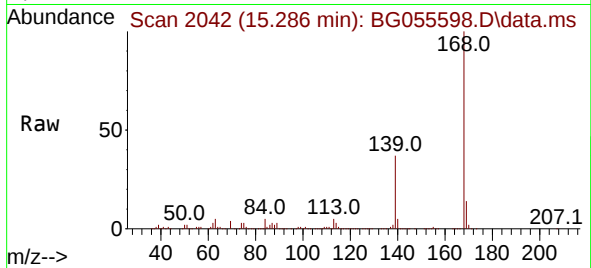




#55
Dibenzenofuran
Concen: 23.857 ng
RT: 15.286 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

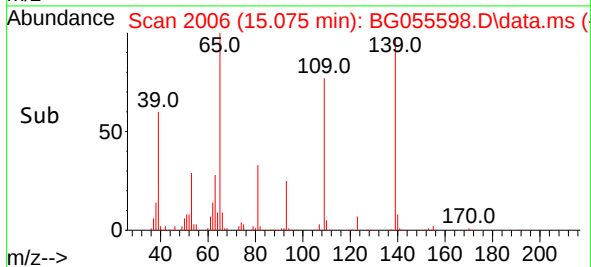
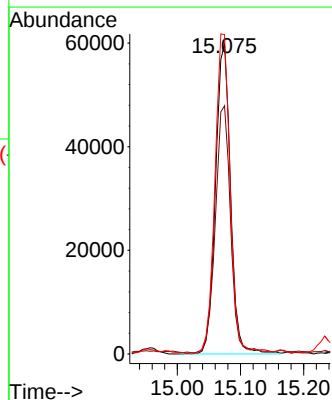
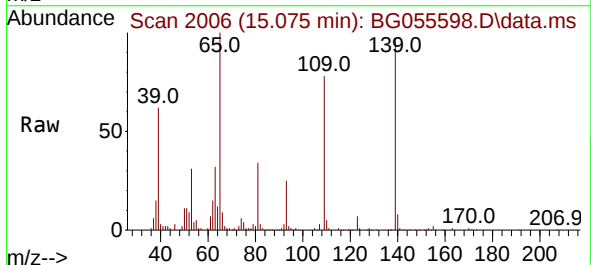
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

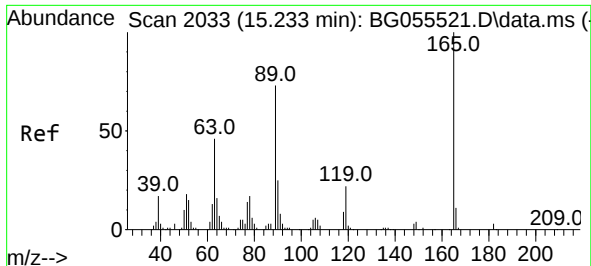
Tgt Ion:168 Resp: 354875
Ion Ratio Lower Upper
168 100
139 36.6 29.4 44.2
169 14.2 11.1 16.7



#56
4-Nitrophenol
Concen: 55.233 ng
RT: 15.075 min Scan# 2006
Delta R.T. 0.013 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:139 Resp: 99065
Ion Ratio Lower Upper
139 100
109 80.1 61.8 101.8
65 103.1 82.9 122.9

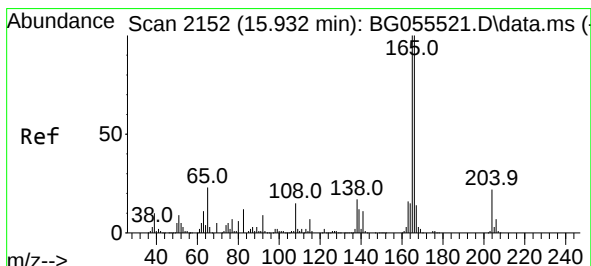
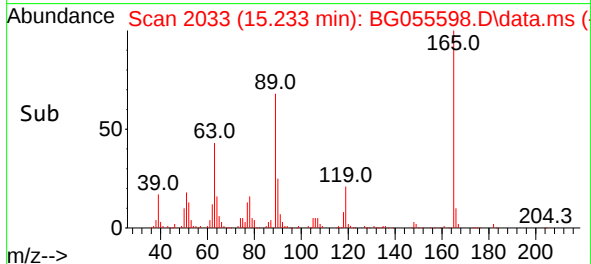
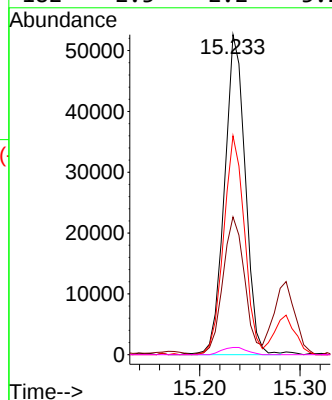
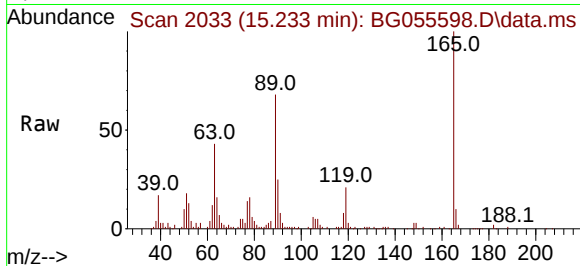




#57
2,4-Dinitrotoluene
Concen: 28.505 ng
RT: 15.233 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

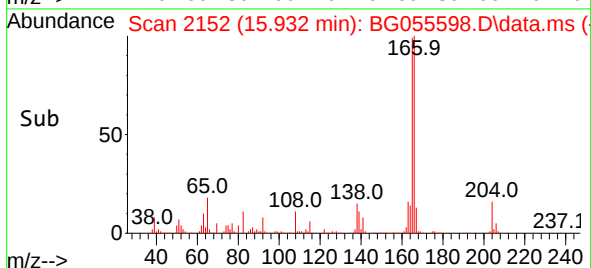
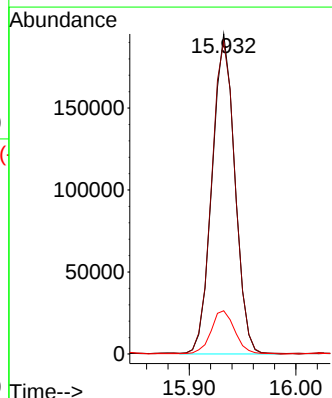
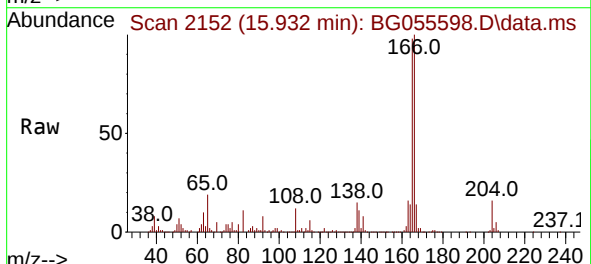
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

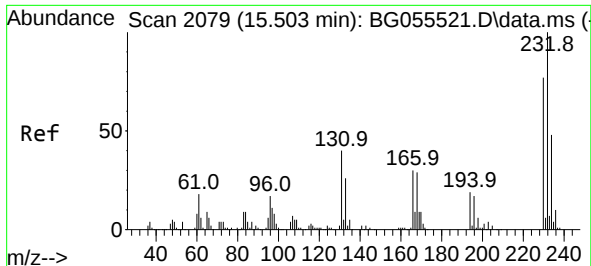
Tgt Ion:	165	Resp:	75695
Ion Ratio	Lower	Upper	
165	100		
63	43.1	37.0	55.4
89	68.4	58.6	87.8
182	2.3	2.2	3.2



#58
Fluorene
Concen: 24.421 ng
RT: 15.932 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:	166	Resp:	289002
Ion Ratio	Lower	Upper	
166	100		
165	97.7	80.2	120.2
167	13.5	11.2	16.8

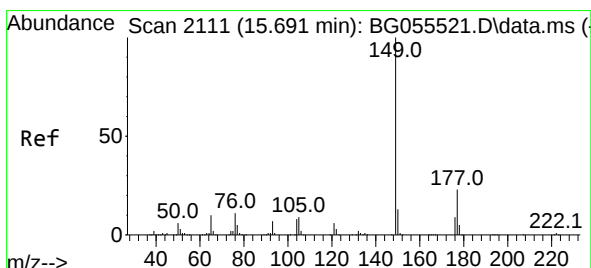
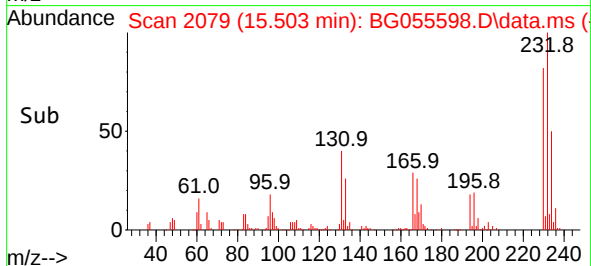
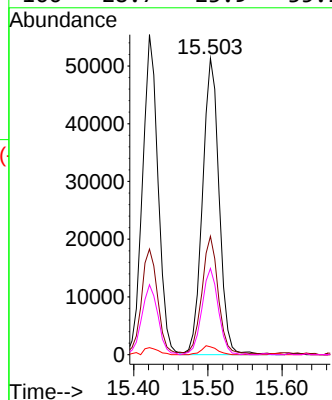
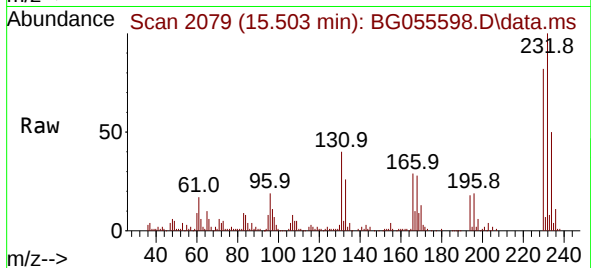




#59
2,3,4,6-Tetrachlorophenol
Concen: 26.983 ng
RT: 15.503 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

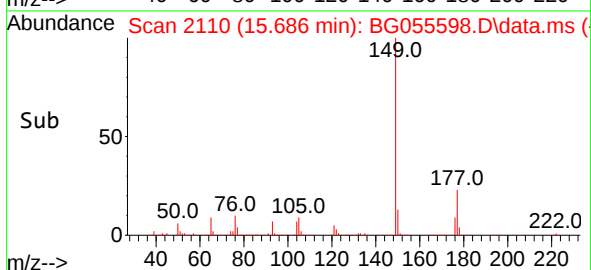
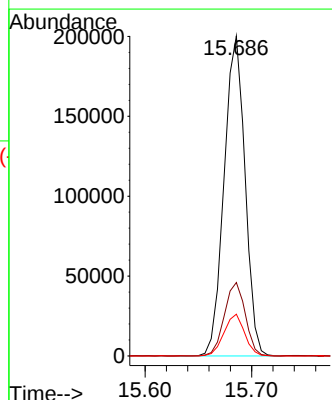
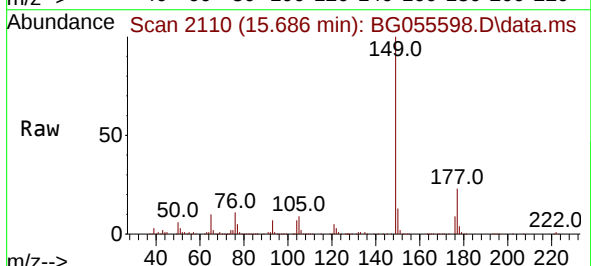
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

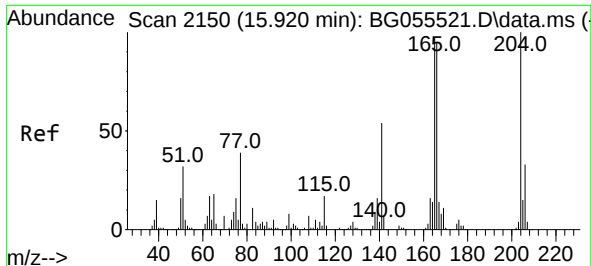
Tgt Ion:232 Resp: 80160
Ion Ratio Lower Upper
232 100
131 38.7 31.8 47.8
130 2.8 1.7 2.5#
166 28.7 23.9 35.9



#60
Diethylphthalate
Concen: 22.164 ng
RT: 15.686 min Scan# 2110
Delta R.T. -0.005 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:149 Resp: 273107
Ion Ratio Lower Upper
149 100
177 23.0 18.6 27.8
150 13.0 10.2 15.2

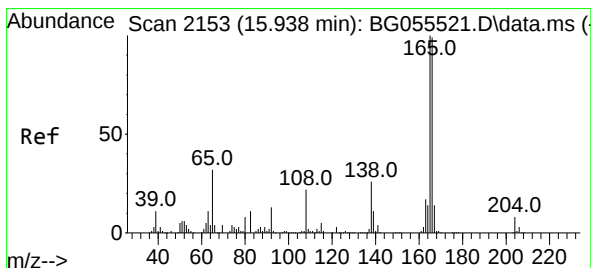
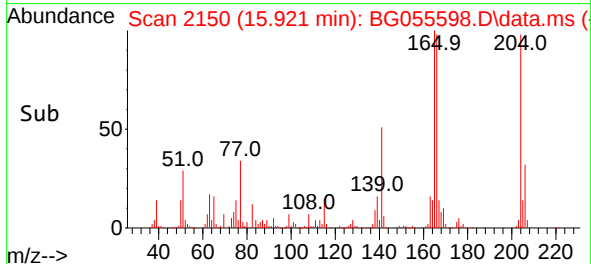
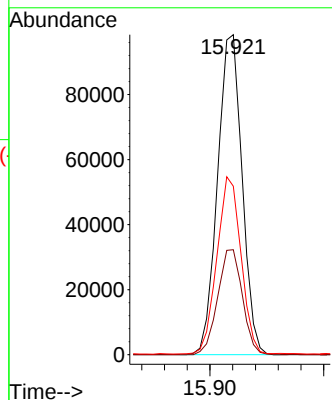
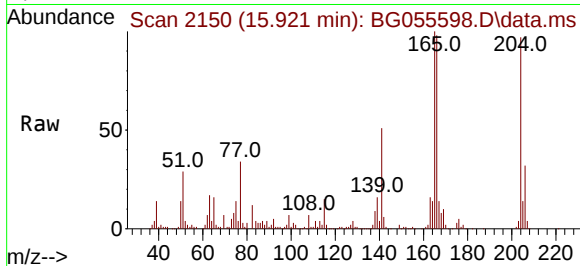




#61
4-Chlorophenyl-phenylether
Concen: 23.427 ng
RT: 15.921 min Scan# 2150
Delta R.T. 0.001 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

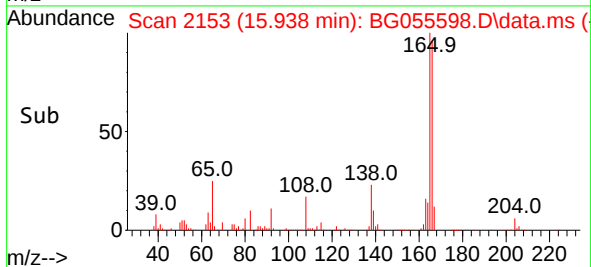
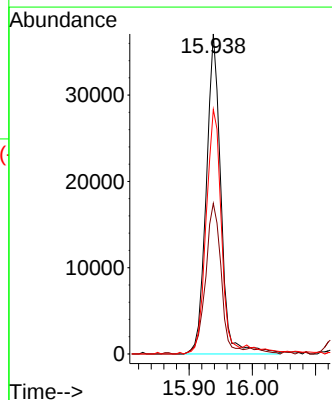
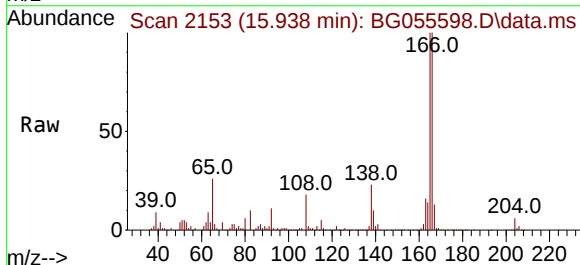
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

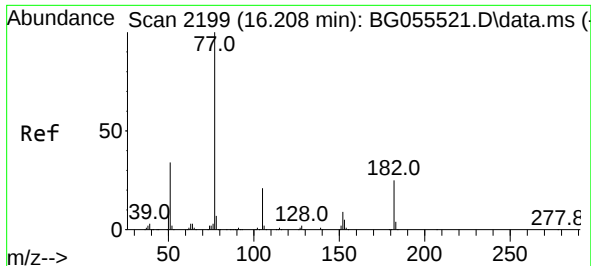
Tgt Ion:204 Resp: 147470
Ion Ratio Lower Upper
204 100
206 32.8 26.8 40.2
141 52.6 43.1 64.7



#62
4-Nitroaniline
Concen: 24.867 ng
RT: 15.938 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:138 Resp: 59718
Ion Ratio Lower Upper
138 100
92 47.1 30.6 70.6
108 76.4 64.0 104.0

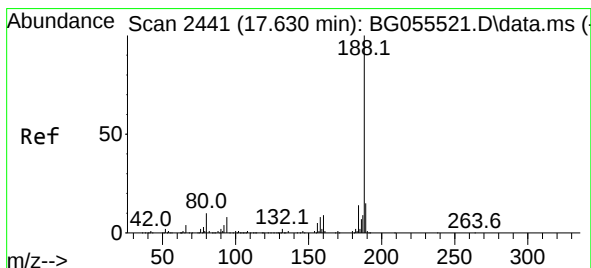
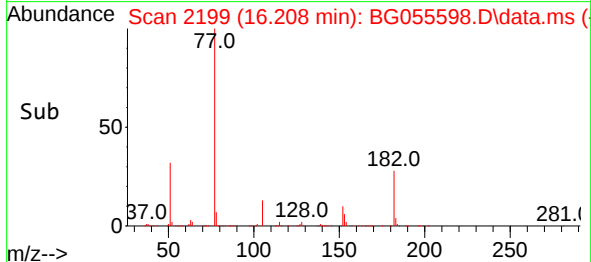
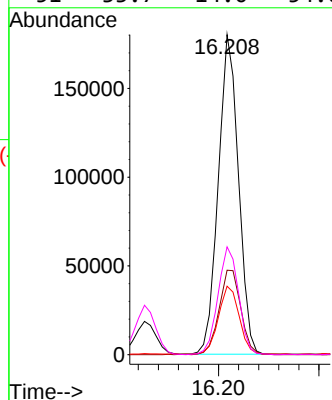
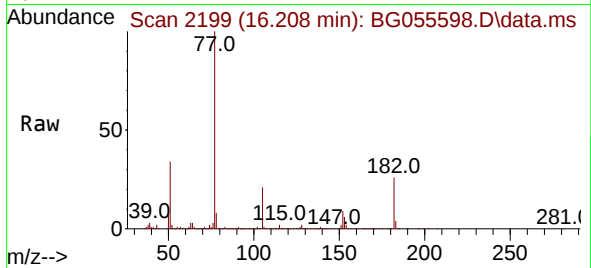




#63
Azobenzene
Concen: 20.969 ng
RT: 16.208 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

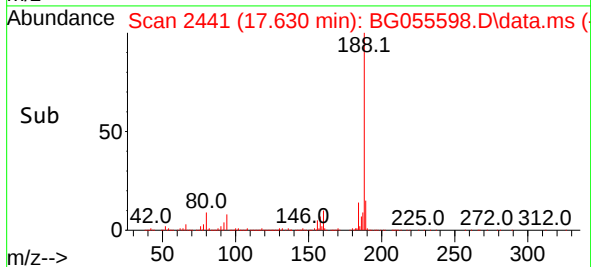
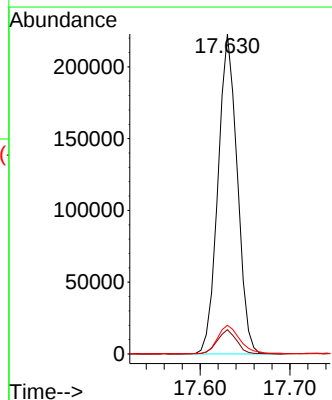
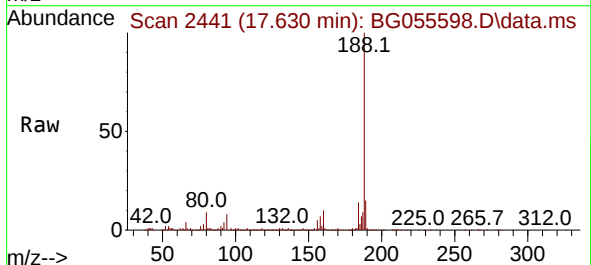
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

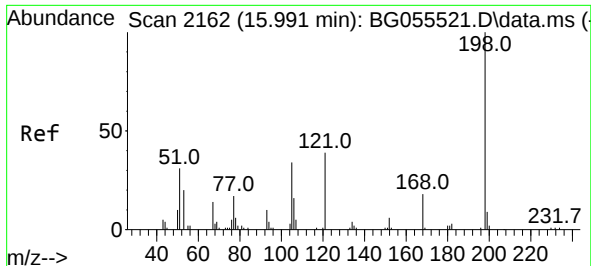
Tgt Ion: 77	Resp: 250448
Ion Ratio	Lower Upper
77 100	
182 26.4	4.6 44.6
105 21.4	1.2 41.2
51 33.7	14.0 54.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:188	Resp: 331891
Ion Ratio	Lower Upper
188 100	
94 7.6	6.4 9.6
80 8.9	7.6 11.4

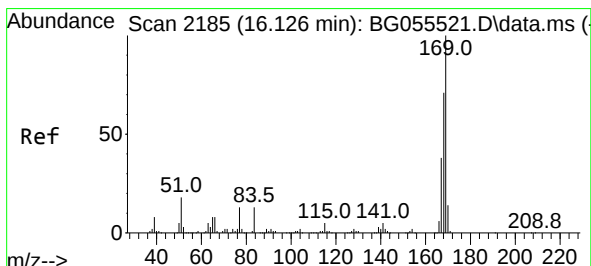
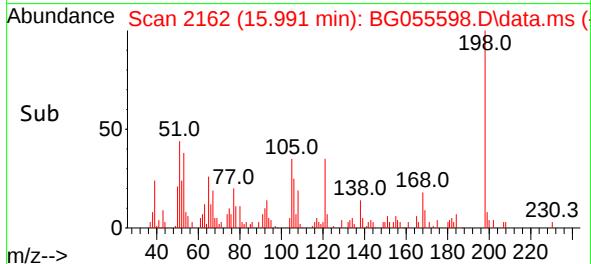
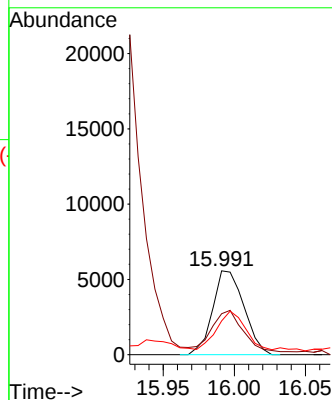
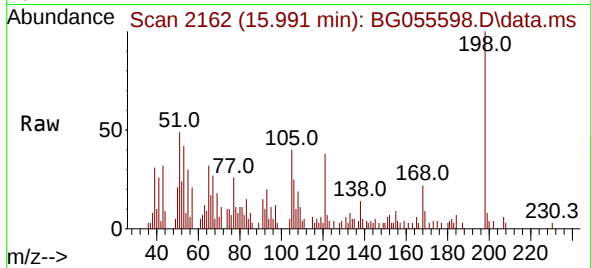




#65
4,6-Dinitro-2-methylphenol
Concen: 11.885 ng
RT: 15.991 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

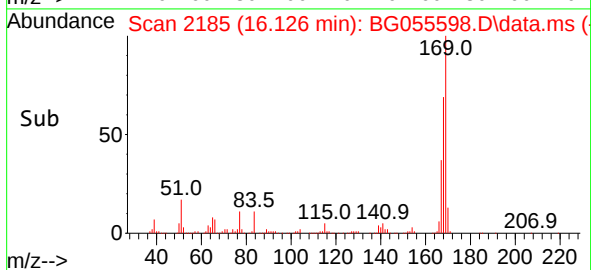
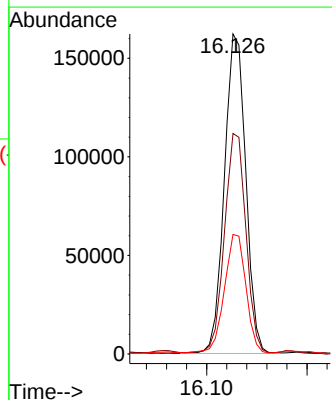
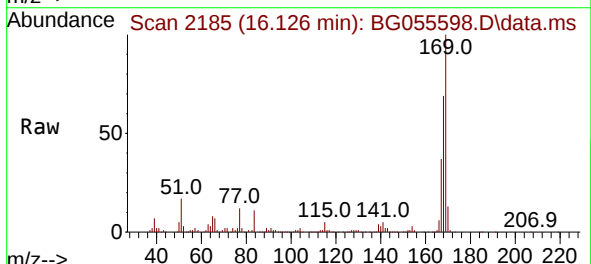
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

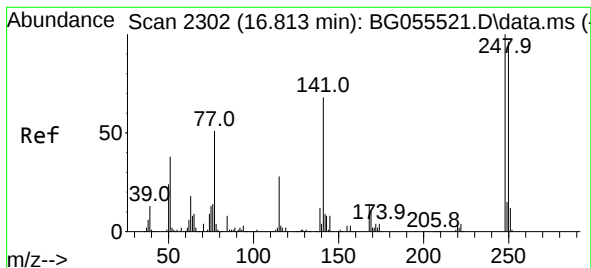
Tgt Ion:198 Resp: 8529
Ion Ratio Lower Upper
198 100
51 48.8 24.7 64.7
105 40.3 17.6 57.6



#66
n-Nitrosodiphenylamine
Concen: 25.825 ng
RT: 16.126 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:169 Resp: 240108
Ion Ratio Lower Upper
169 100
168 68.9 57.0 85.4
167 37.4 30.2 45.2

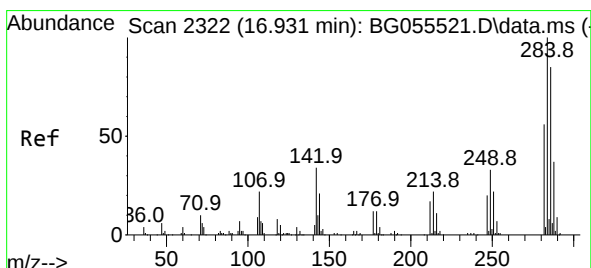
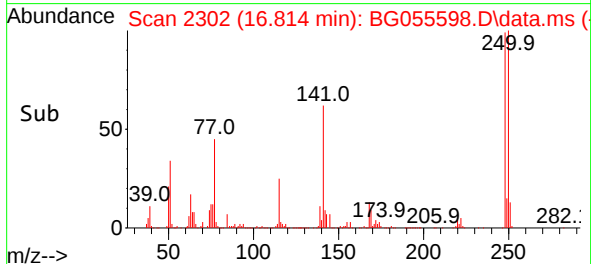
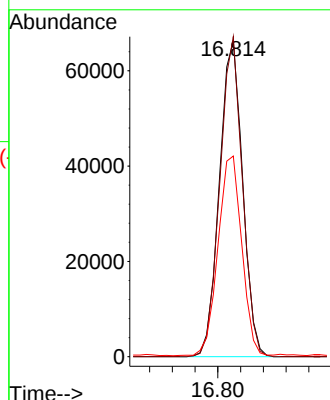
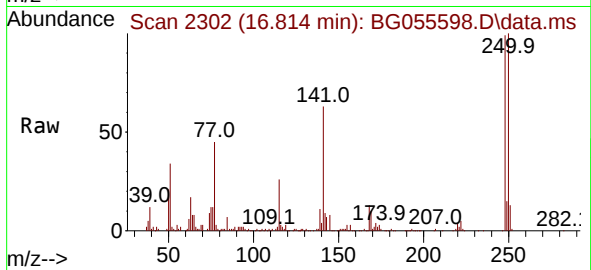




#67
4-Bromophenyl-phenylether
Concen: 27.752 ng
RT: 16.814 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

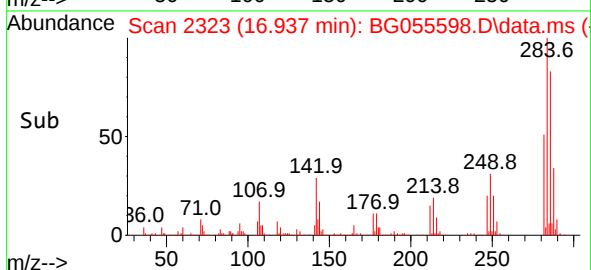
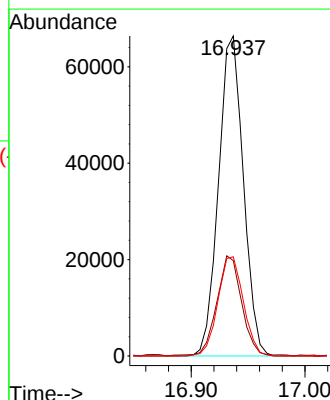
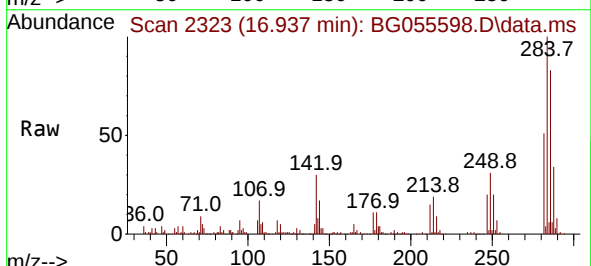
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

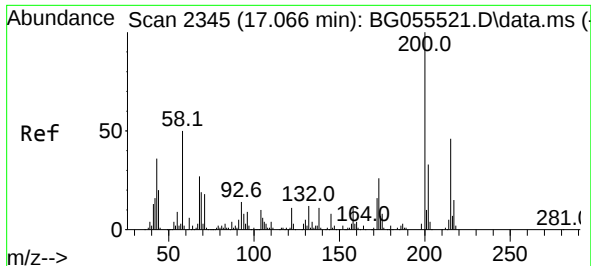
Tgt Ion:248 Resp: 93964
Ion Ratio Lower Upper
248 100
250 101.3 76.9 115.3
141 63.5 54.3 81.5



#68
Hexachlorobenzene
Concen: 25.032 ng
RT: 16.937 min Scan# 2323
Delta R.T. 0.006 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:284 Resp: 100762
Ion Ratio Lower Upper
284 100
142 29.8 27.2 40.8
249 31.0 26.6 39.8

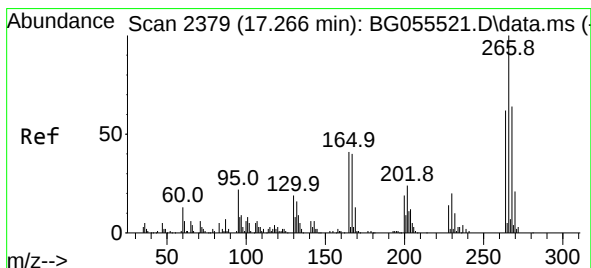
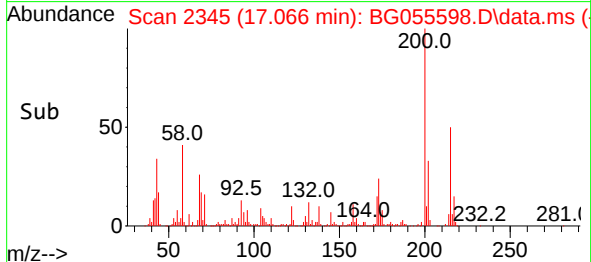
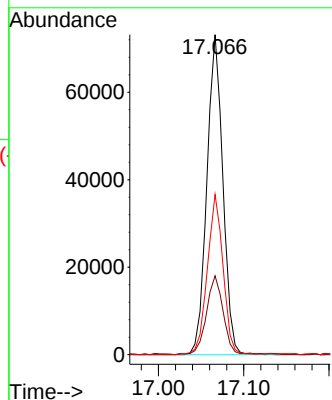
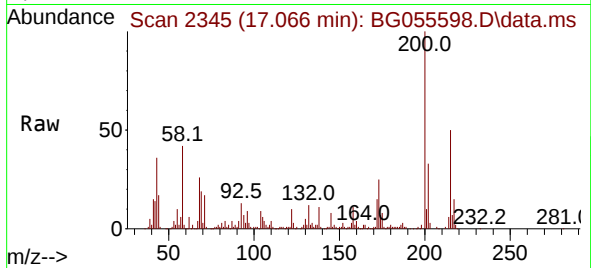




#69
 Atrazine
 Concen: 28.280 ng
 RT: 17.066 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG055598.D
 Acq: 12 Nov 2022 20:51

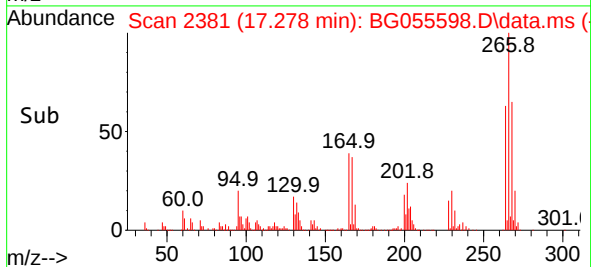
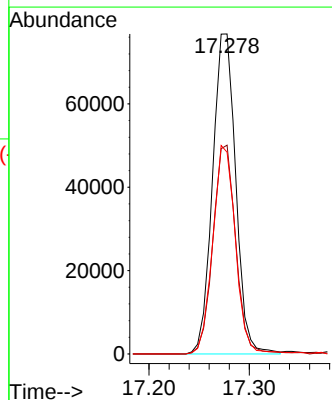
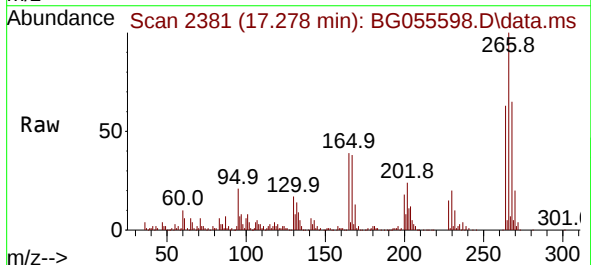
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-111022MS

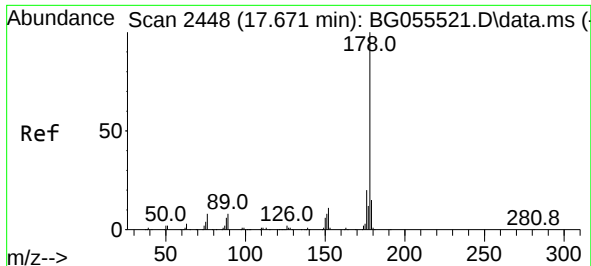
Tgt Ion:200 Resp: 95158
 Ion Ratio Lower Upper
 200 100
 173 24.7 6.3 46.3
 215 50.1 26.4 66.4



#70
 Pentachlorophenol
 Concen: 55.914 ng
 RT: 17.278 min Scan# 2381
 Delta R.T. 0.012 min
 Lab File: BG055598.D
 Acq: 12 Nov 2022 20:51

Tgt Ion:266 Resp: 123306
 Ion Ratio Lower Upper
 266 100
 268 65.2 51.4 77.0
 264 63.1 49.5 74.3

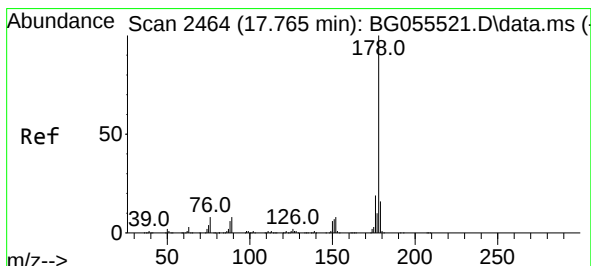
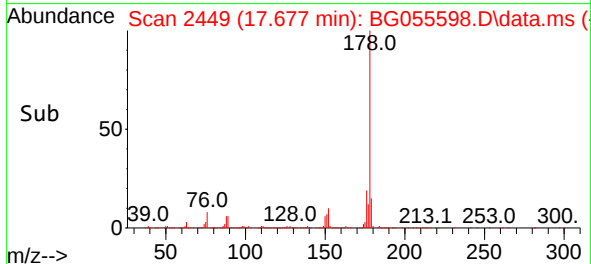
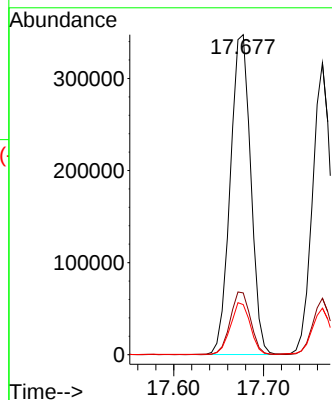
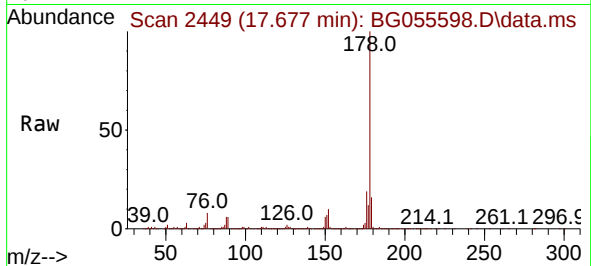




#71
Phenanthrene
Concen: 30.774 ng
RT: 17.677 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

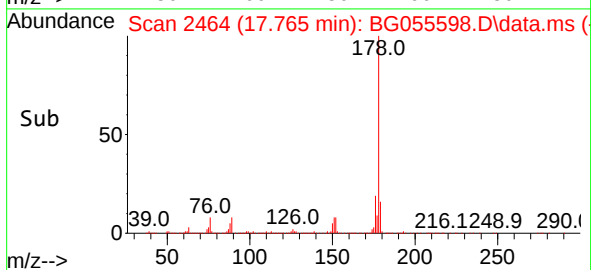
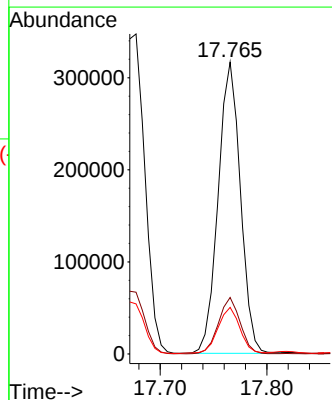
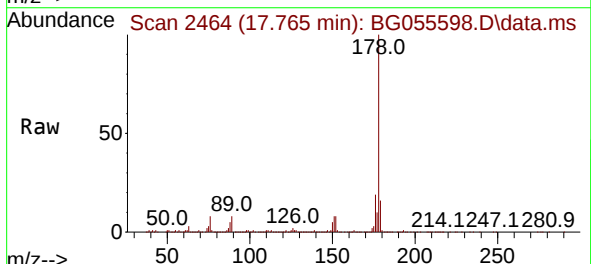
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

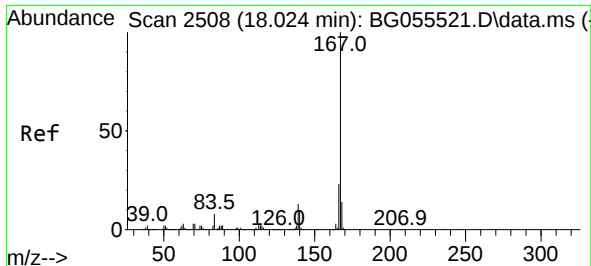
Tgt Ion:178 Resp: 548923
Ion Ratio Lower Upper
178 100
176 19.3 16.1 24.1
179 15.7 12.2 18.4



#72
Anthracene
Concen: 26.203 ng
RT: 17.765 min Scan# 2464
Delta R.T. 0.000 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:178 Resp: 458042
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.0 13.0 19.4

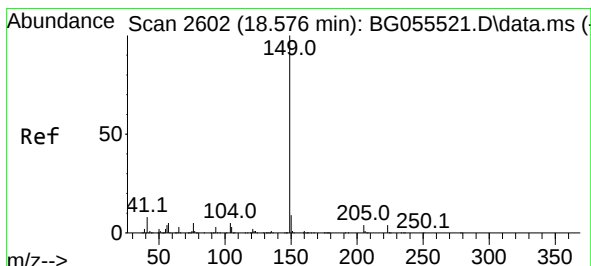
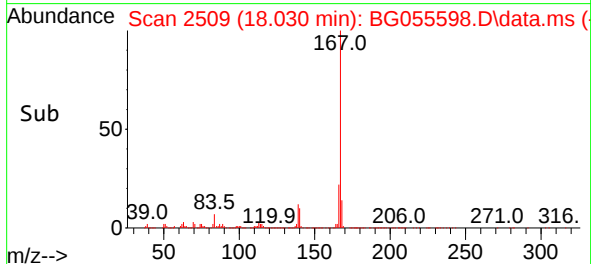
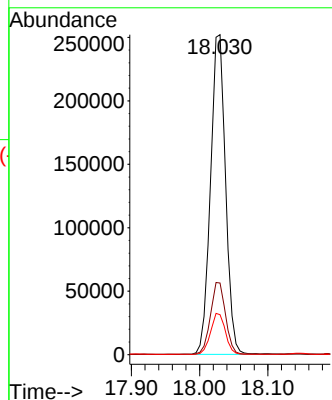
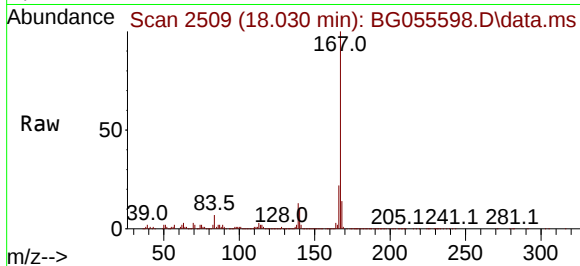




#73
Carbazole
Concen: 24.500 ng
RT: 18.030 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

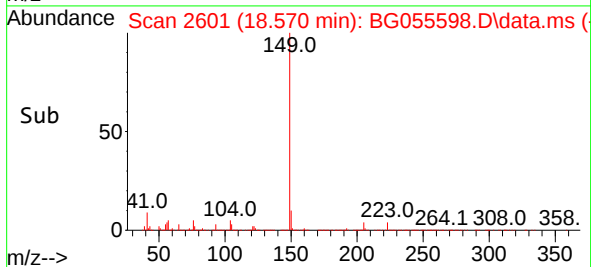
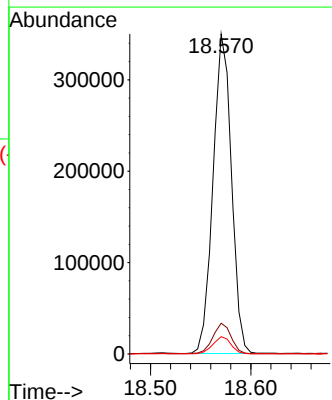
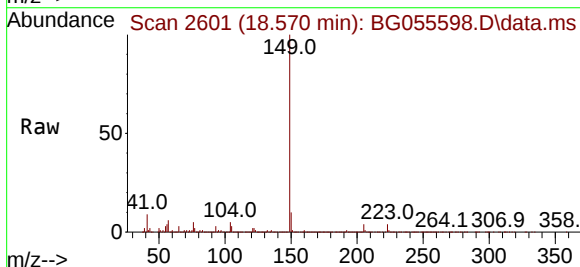
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

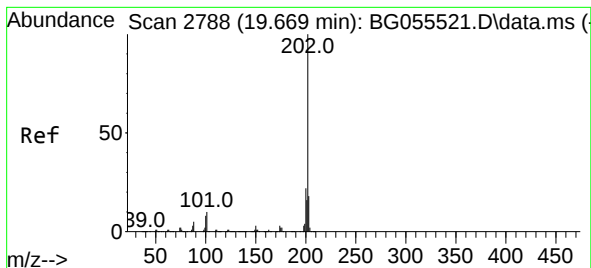
Tgt Ion:167 Resp: 387041
Ion Ratio Lower Upper
167 100
166 22.4 18.2 27.4
139 12.5 10.4 15.6



#74
Di-n-butylphthalate
Concen: 24.607 ng
RT: 18.570 min Scan# 2601
Delta R.T. -0.006 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:149 Resp: 445708
Ion Ratio Lower Upper
149 100
150 9.6 7.5 11.3
104 5.4 4.2 6.4





#75

Fluoranthene

Concen: 31.559 ng

RT: 19.675 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

Instrument :

BNA_G

ClientSampleId :

NB-08-111022MS

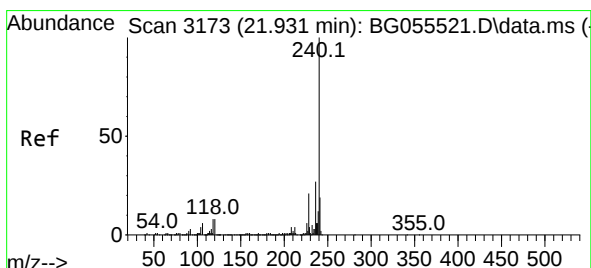
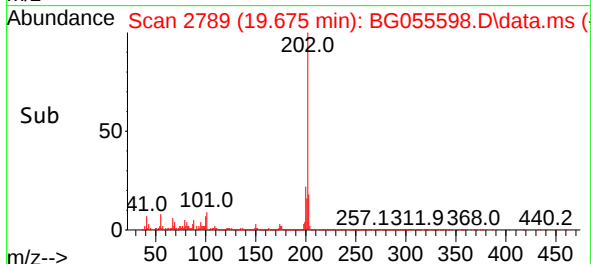
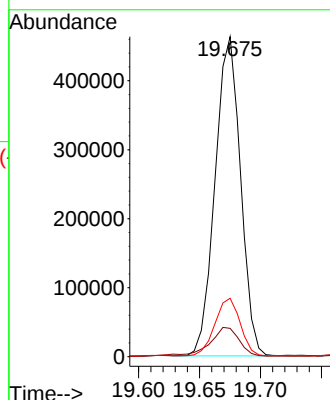
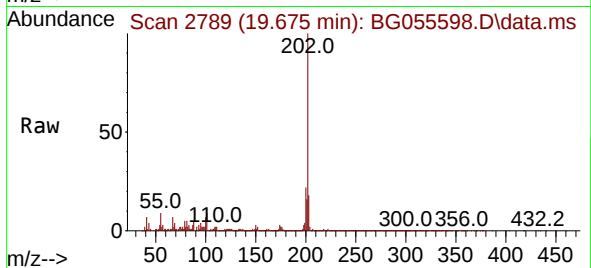
Tgt Ion:202 Resp: 671283

Ion Ratio Lower Upper

202 100

101 8.8 0.0 29.8

203 18.3 0.0 38.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.937 min Scan# 3174

Delta R.T. 0.006 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

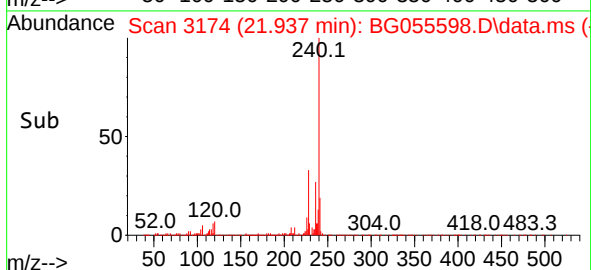
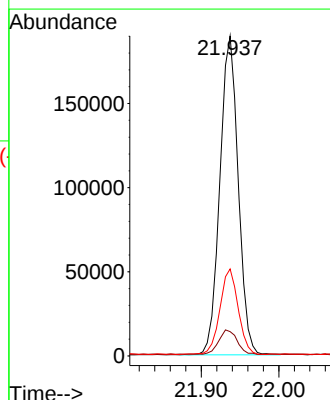
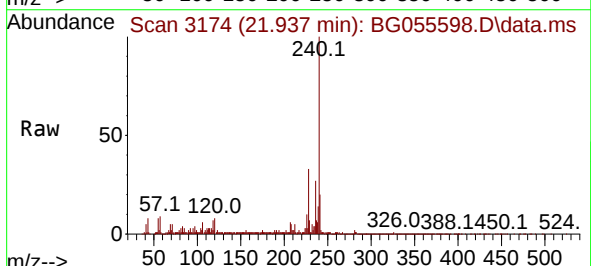
Tgt Ion:240 Resp: 311909

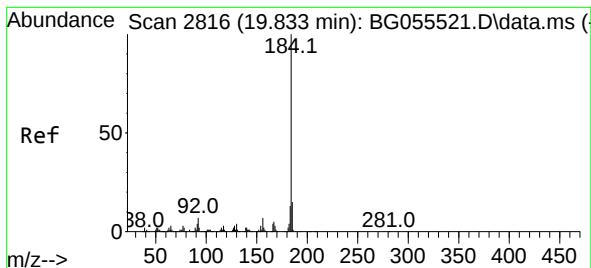
Ion Ratio Lower Upper

240 100

120 7.6 6.1 9.1

236 27.2 21.4 32.0





#77

Benzidine

Concen: 13.241 ng

RT: 19.863 min Scan# 2

Delta R.T. 0.030 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

Instrument :

BNA_G

ClientSampleId :

NB-08-111022MS

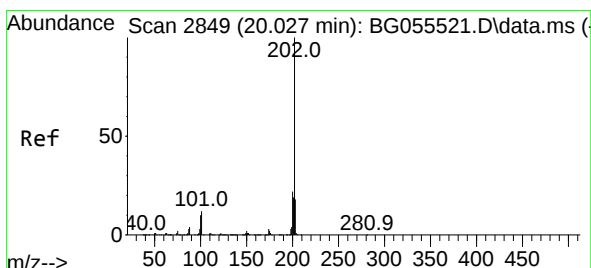
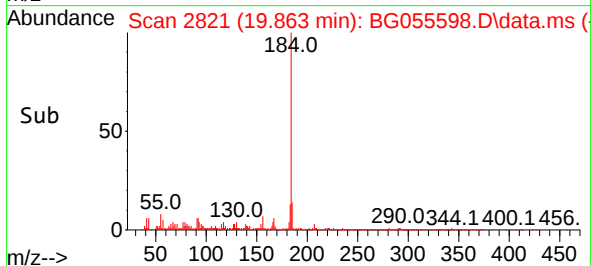
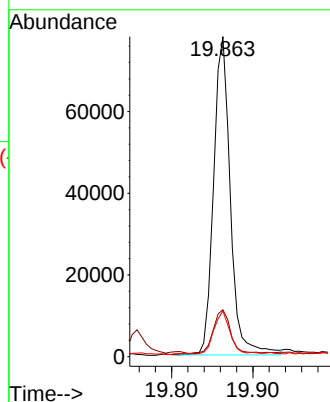
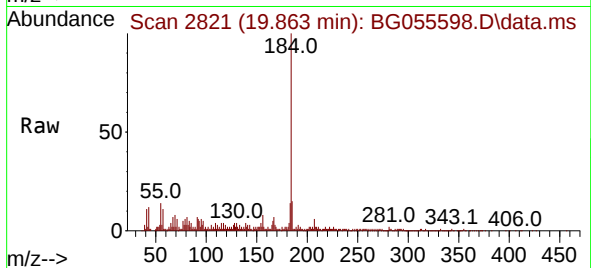
Tgt Ion:184 Resp: 111735

Ion Ratio Lower Upper

184 100

185 14.7 12.0 18.0

183 14.3 10.2 15.2



#78

Pyrene

Concen: 33.750 ng

RT: 20.033 min Scan# 2850

Delta R.T. 0.006 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

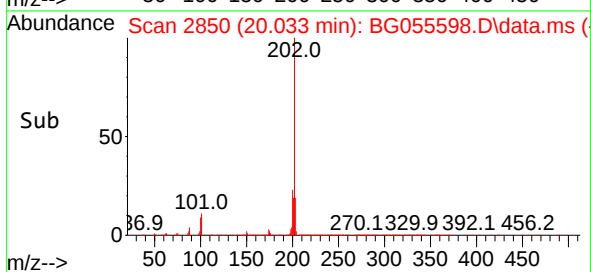
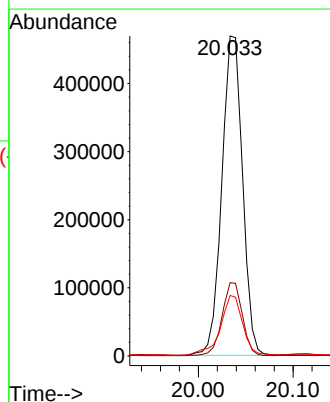
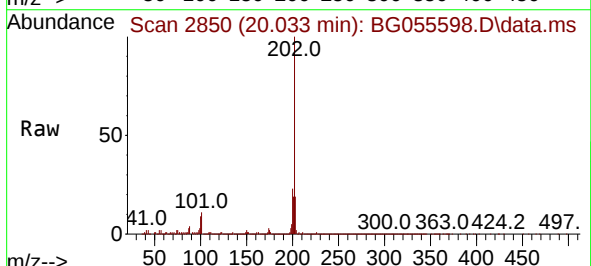
Tgt Ion:202 Resp: 712451

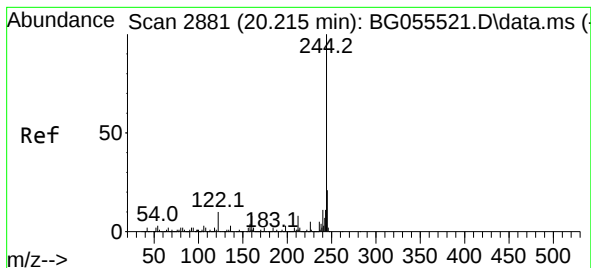
Ion Ratio Lower Upper

202 100

200 22.9 18.0 27.0

203 18.9 14.2 21.2





#79

Terphenyl-d14

Concen: 37.869 ng

RT: 20.221 min Scan# 2

Delta R.T. 0.006 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

Instrument :

BNA_G

ClientSampleId :

NB-08-111022MS

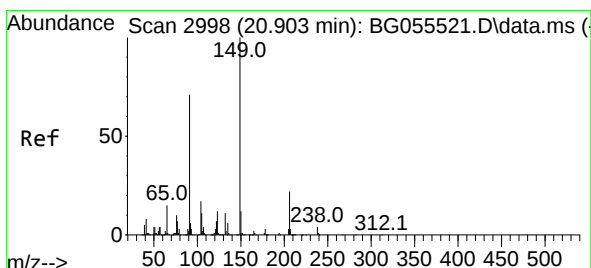
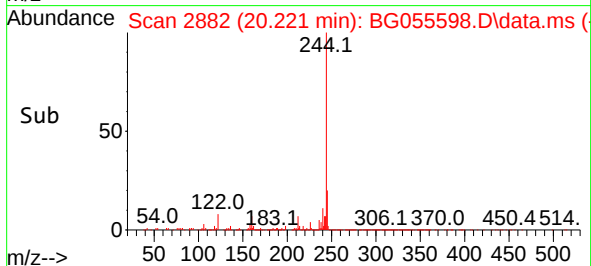
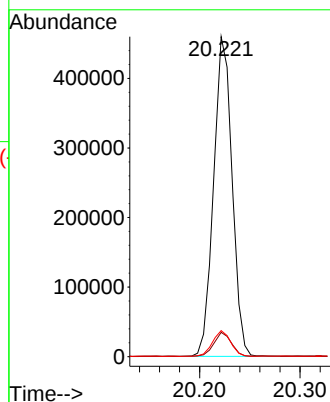
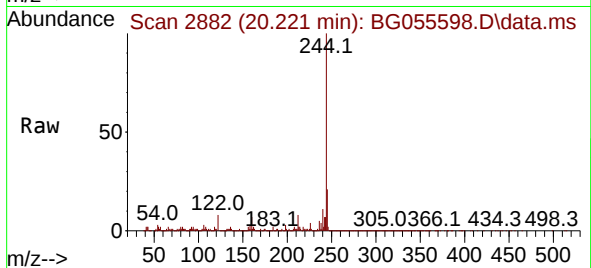
Tgt Ion:244 Resp: 588070

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

122 8.2 7.7 11.5



#80

Butylbenzylphthalate

Concen: 25.935 ng

RT: 20.903 min Scan# 2998

Delta R.T. -0.000 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

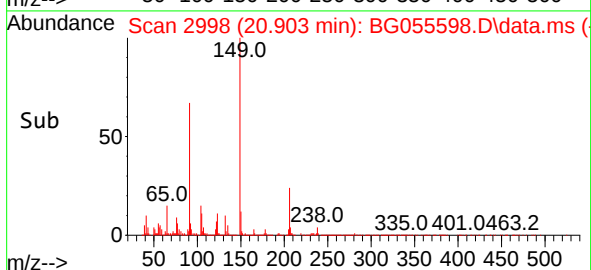
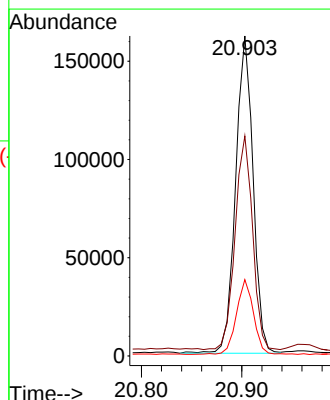
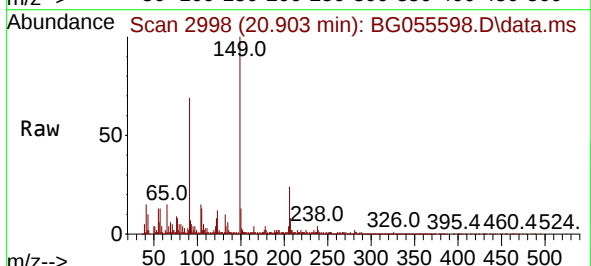
Tgt Ion:149 Resp: 195148

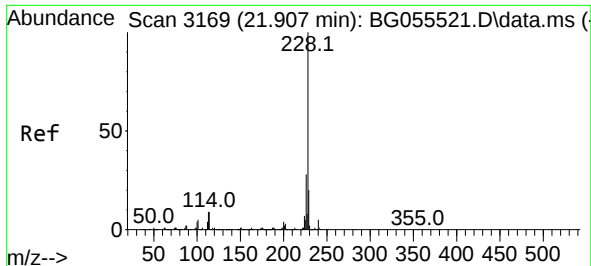
Ion Ratio Lower Upper

149 100

91 68.7 56.8 85.2

206 23.9 17.3 25.9

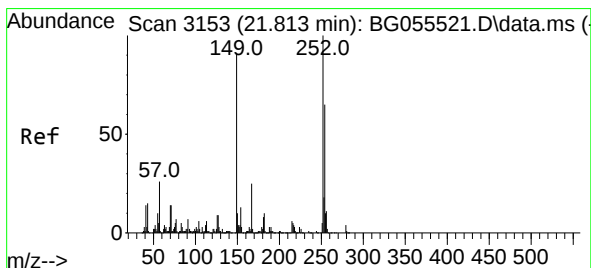
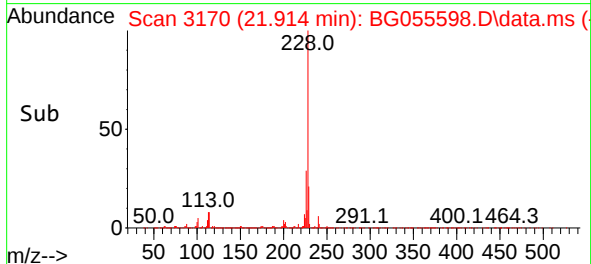
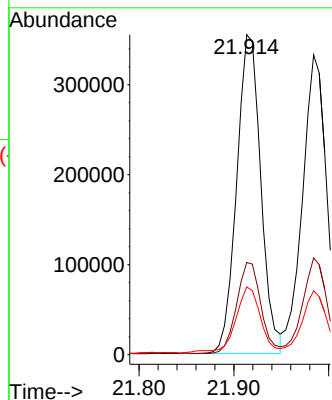
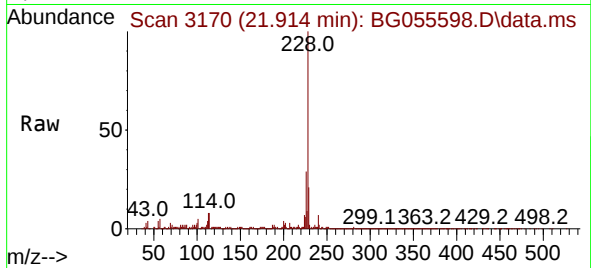




#81
Benzo(a)anthracene
Concen: 29.362 ng
RT: 21.914 min Scan# 3169
Delta R.T. 0.007 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

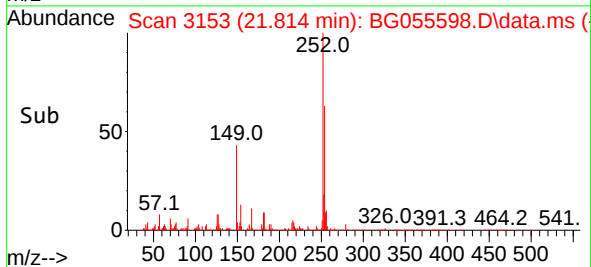
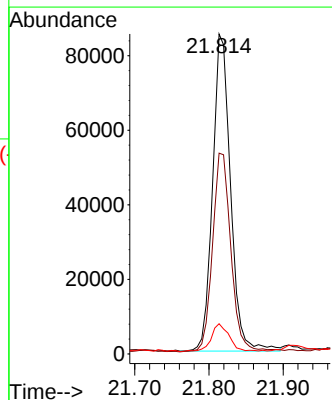
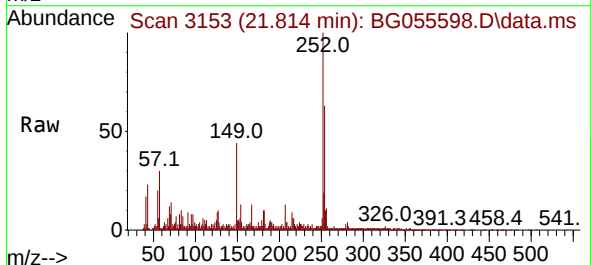
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

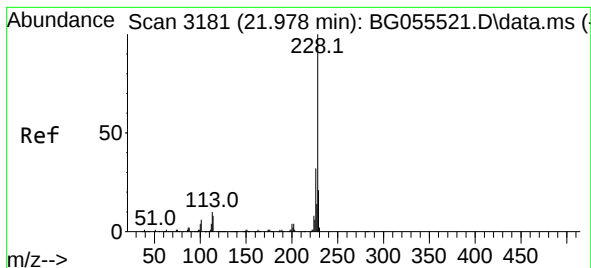
Tgt Ion:228 Resp: 627306
Ion Ratio Lower Upper
228 100
226 28.8 22.6 34.0
229 21.2 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 20.491 ng
RT: 21.814 min Scan# 3153
Delta R.T. 0.001 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:252 Resp: 142877
Ion Ratio Lower Upper
252 100
254 62.8 52.2 78.2
126 9.5 6.9 10.3





#83

Chrysene

Concen: 28.789 ng

RT: 21.984 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

Instrument :

BNA_G

ClientSampleId :

NB-08-111022MS

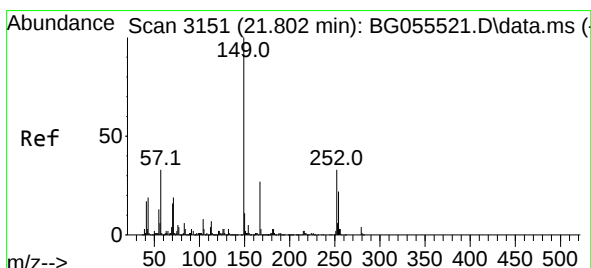
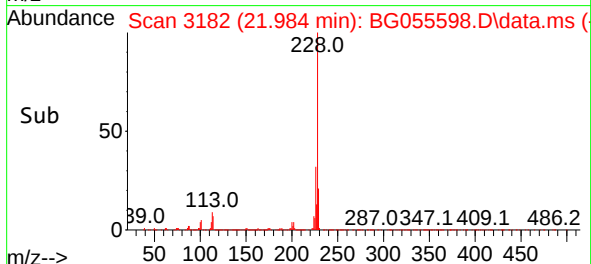
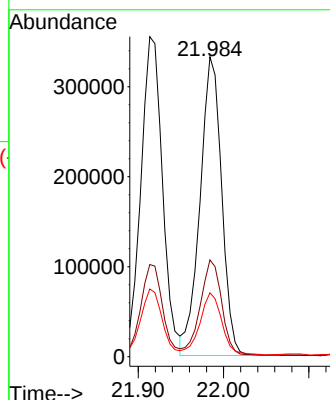
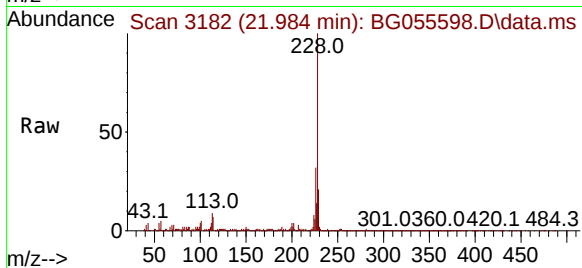
Tgt Ion:228 Resp: 584859

Ion Ratio Lower Upper

228 100

226 32.3 25.7 38.5

229 21.3 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 26.757 ng

RT: 21.796 min Scan# 3150

Delta R.T. -0.006 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

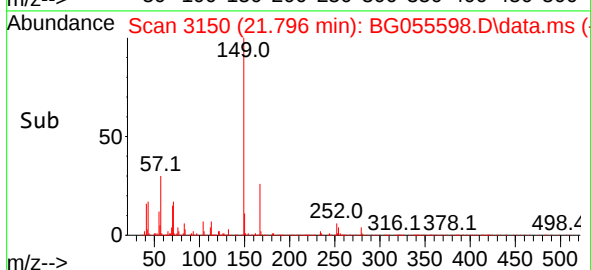
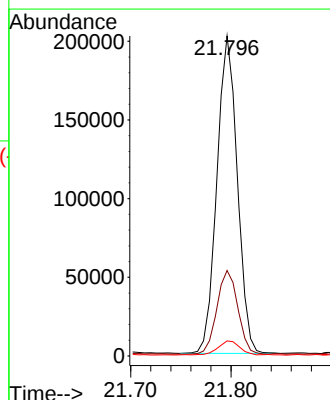
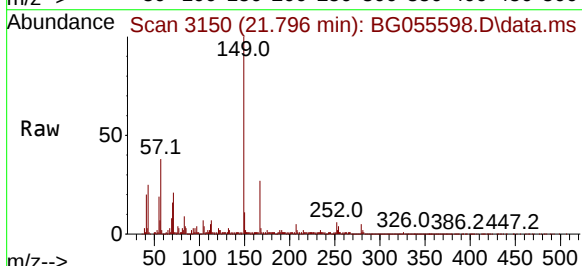
Tgt Ion:149 Resp: 285065

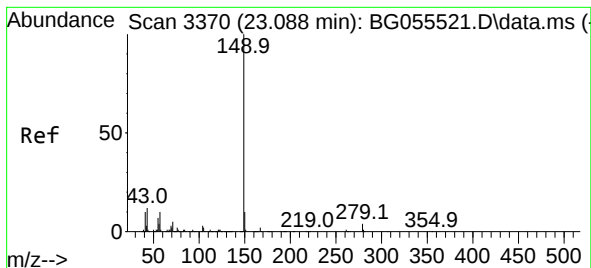
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.2

279 4.7 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 26.387 ng

RT: 23.083 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

Instrument :

BNA_G

ClientSampleId :

NB-08-111022MS

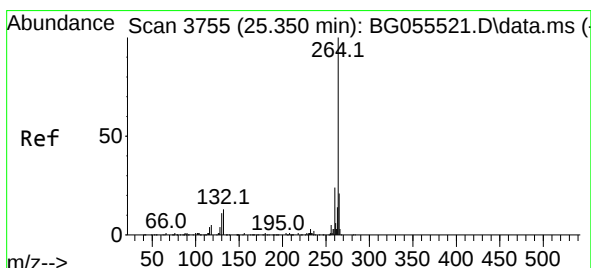
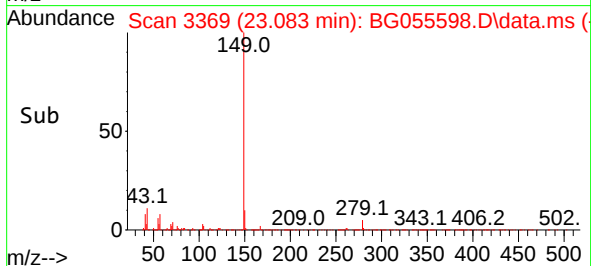
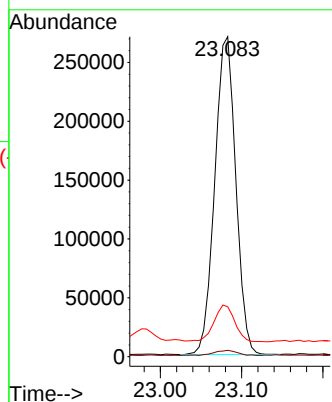
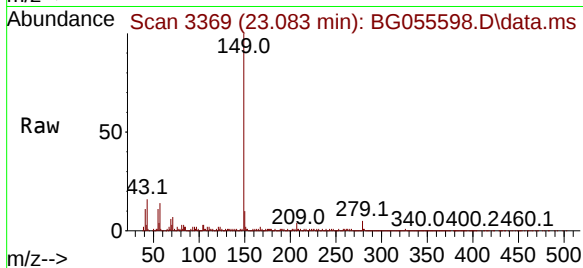
Tgt Ion:149 Resp: 485798

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.5 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.368 min Scan# 3758

Delta R.T. 0.018 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

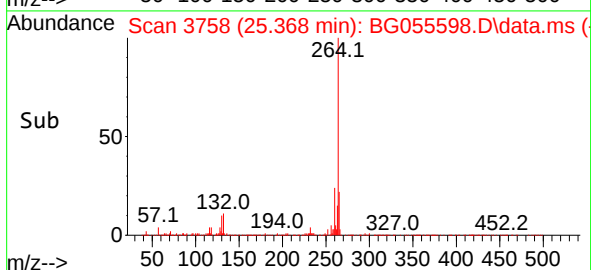
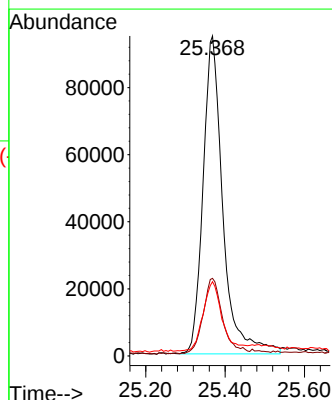
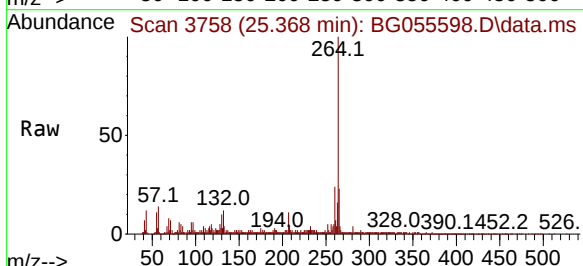
Tgt Ion:264 Resp: 328459

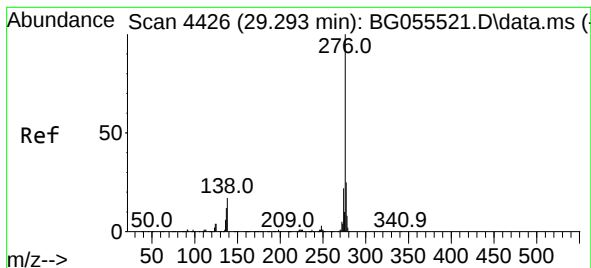
Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 23.2 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.457 ng

RT: 29.323 min Scan# 4426

Delta R.T. 0.030 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

Instrument :

BNA_G

ClientSampleId :

NB-08-111022MS

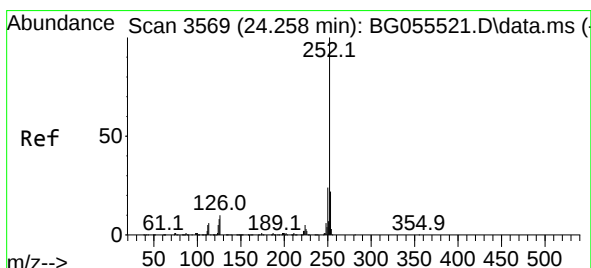
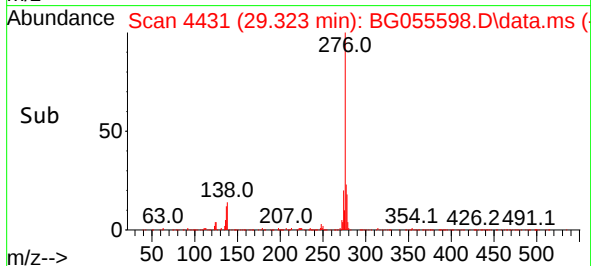
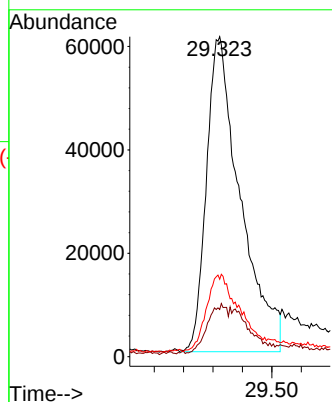
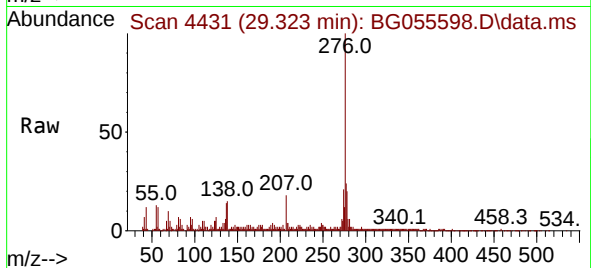
Tgt Ion:276 Resp: 486741

Ion Ratio Lower Upper

276 100

138 8.9 11.5 17.3#

277 9.8 20.4 30.6#



#88

Benzo(b)fluoranthene

Concen: 30.011 ng

RT: 24.275 min Scan# 3572

Delta R.T. 0.017 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

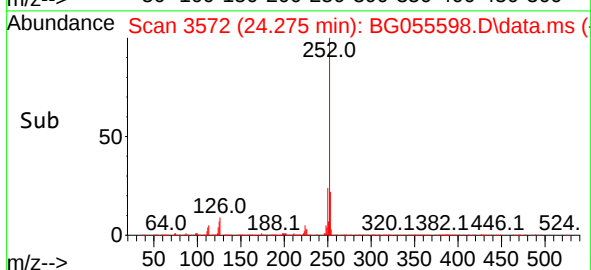
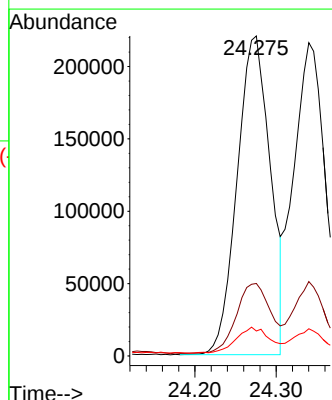
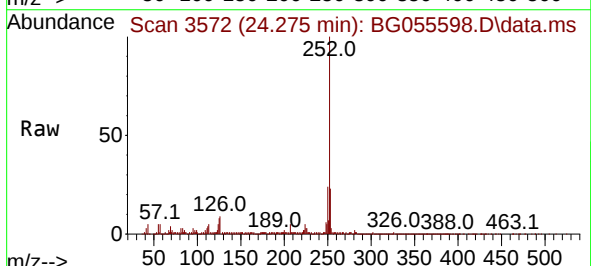
Tgt Ion:252 Resp: 624566

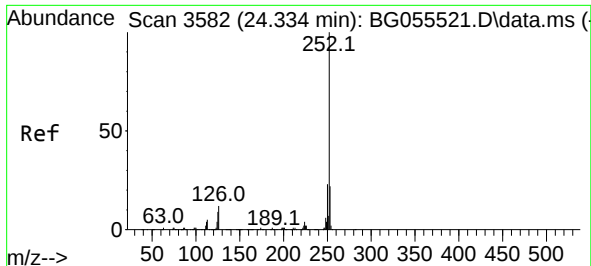
Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

125 7.8 6.7 10.1

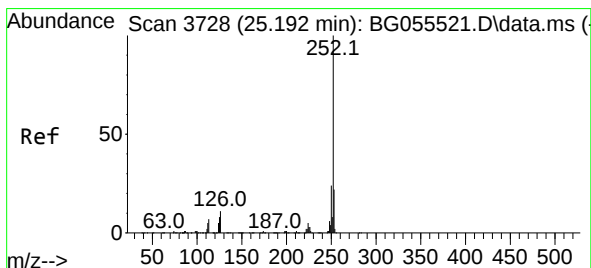
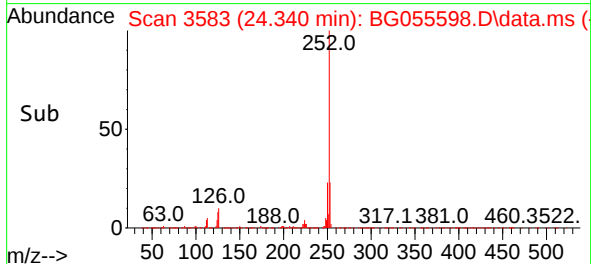
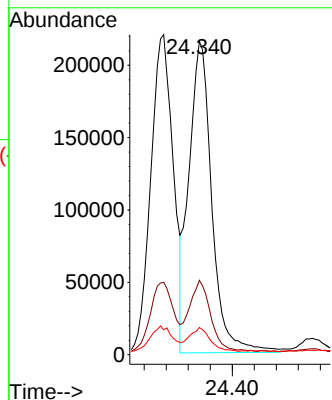
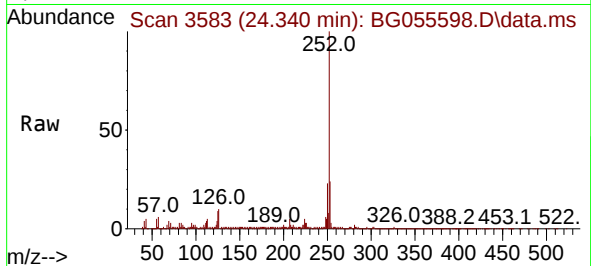




#89
Benzo(k)fluoranthene
Concen: 29.253 ng
RT: 24.340 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

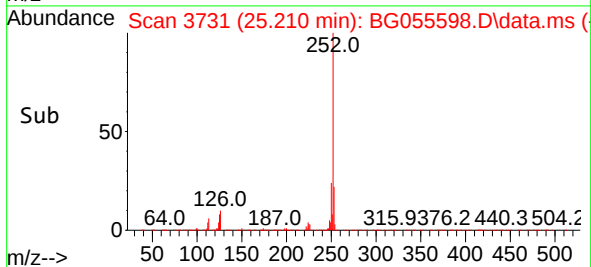
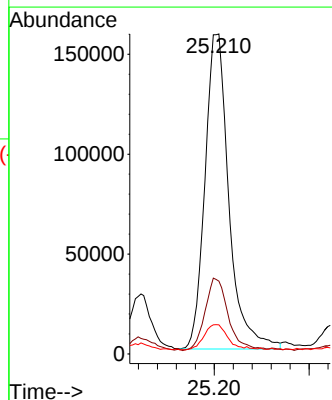
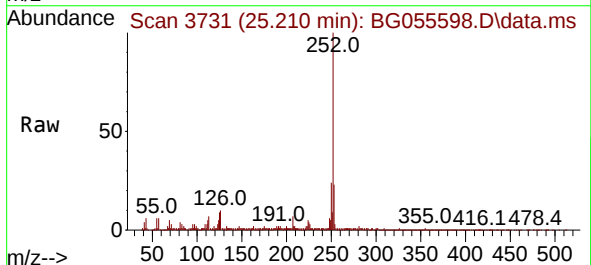
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

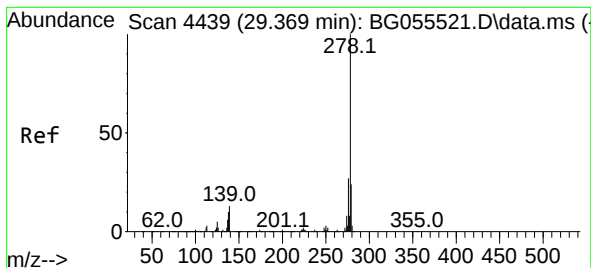
Tgt Ion:252 Resp: 622393
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 8.7 6.9 10.3



#90
Benzo(a)pyrene
Concen: 30.876 ng
RT: 25.210 min Scan# 3731
Delta R.T. 0.018 min
Lab File: BG055598.D
Acq: 12 Nov 2022 20:51

Tgt Ion:252 Resp: 553522
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 9.1 6.7 10.1





#91

Dibenzo(a,h)anthracene

Concen: 19.228 ng

RT: 29.393 min Scan# 4443

Delta R.T. 0.024 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

Instrument :

BNA_G

ClientSampleId :

NB-08-111022MS

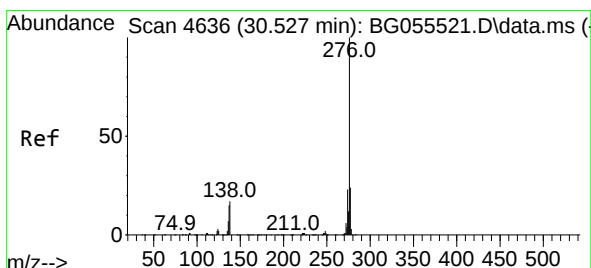
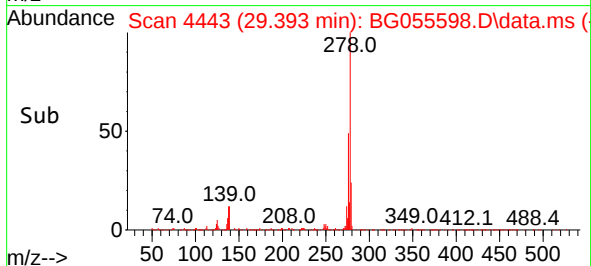
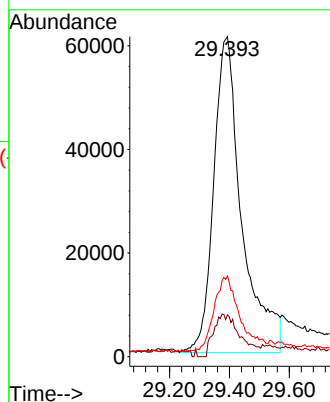
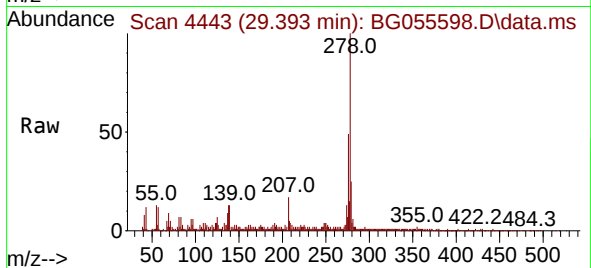
Tgt Ion:278 Resp: 398184

Ion Ratio Lower Upper

278 100

139 13.1 10.6 15.8

279 25.2 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 18.337 ng

RT: 30.556 min Scan# 4641

Delta R.T. 0.029 min

Lab File: BG055598.D

Acq: 12 Nov 2022 20:51

Tgt Ion:276 Resp: 371196

Ion Ratio Lower Upper

276 100

277 25.4 19.3 28.9

138 15.4 13.9 20.9

