

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
 Data File : BG055599.D
 Acq On : 12 Nov 2022 21:33
 Operator : CG/JU
 Sample : N5583-01MSD 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-111022MSD

Quant Time: Nov 14 03:31:50 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	8.270	152	56742	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	234361	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	162535	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	348300	20.000	ng	0.00
76) Chrysene-d12	21.936	240	323671	20.000	ng	0.00
86) Perylene-d12	25.368	264	336936	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	169217	56.803	ng	0.00
7) Phenol-d6	7.406	99	228565	55.544	ng	0.00
23) Nitrobenzene-d5	9.439	82	136943	39.612	ng	0.00
42) 2,4,6-Tribromophenol	16.372	330	108065	68.143	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	336862	31.262	ng	0.00
79) Terphenyl-d14	20.221	244	526606	32.679	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.634	88	24618	16.270	ng	97
3) Pyridine	4.046	79	65744	15.627	ng	98
4) n-Nitrosodimethylamine	3.958	42	40911	17.865	ng	99
6) Aniline	7.583	93	95975	17.559	ng	99
8) 2-Chlorophenol	7.830	128	81630	24.476	ng	99
9) Benzaldehyde	7.395	77	55273	17.025	ng	97
10) Phenol	7.436	94	106760	22.537	ng	99
11) bis(2-Chloroethyl)ether	7.671	93	75010	19.667	ng	94
12) 1,3-Dichlorobenzene	8.159	146	90499	21.723	ng	100
13) 1,4-Dichlorobenzene	8.305	146	91896	21.796	ng	99
14) 1,2-Dichlorobenzene	8.629	146	91963	22.968	ng	98
15) Benzyl Alcohol	8.499	79	75639	21.078	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.793	45	146890	20.043	ng	97
17) 2-Methylphenol	8.699	107	75072	22.520	ng	98
18) Hexachloroethane	9.369	117	31127	22.238	ng	91
19) n-Nitroso-di-n-propyla...	9.069	70	65027	19.121	ng	94
20) 3+4-Methylphenols	9.028	107	100387	21.616	ng	95
22) Acetophenone	9.093	105	127025	20.375	ng	98
24) Nitrobenzene	9.481	77	95286	23.958	ng	99
25) Isophorone	10.003	82	179922	20.371	ng	99
26) 2-Nitrophenol	10.197	139	42147	33.391	ng	# 89
27) 2,4-Dimethylphenol	10.244	122	84898	26.885	ng	98
28) bis(2-Chloroethoxy)met...	10.485	93	103806	21.799	ng	99
29) 2,4-Dichlorophenol	10.738	162	85914	24.757	ng	96
30) 1,2,4-Trichlorobenzene	10.961	180	95073	21.871	ng	97
31) Naphthalene	11.155	128	277636	21.912	ng	99
32) Benzoic acid	10.338	122	56624	34.265	ng	98
33) 4-Chloroaniline	11.249	127	94176	17.781	ng	97
34) Hexachlorobutadiene	11.431	225	63958	22.061	ng	97
35) Caprolactam	12.013	113	26337	22.263	ng	# 86
36) 4-Chloro-3-methylphenol	12.348	107	92871	22.703	ng	100
37) 2-Methylnaphthalene	12.736	142	210564	22.118	ng	99
38) 1-Methylnaphthalene	12.953	142	196477	21.099	ng	97
40) 1,2,4,5-Tetrachloroben...	13.100	216	115815	23.854	ng	99
41) Hexachlorocyclopentadiene	13.076	237	30940	14.886	ng	95
43) 2,4,6-Trichlorophenol	13.329	196	75252	26.360	ng	97

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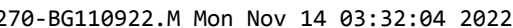
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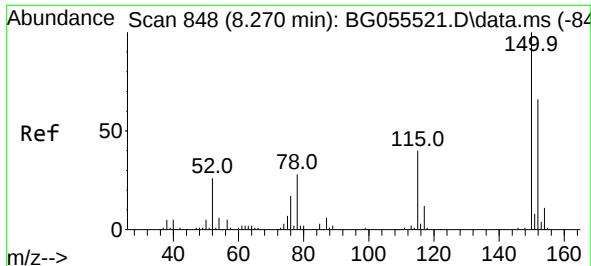
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.399	196	80710	24.696	ng	97
46) 1,1'-Biphenyl	13.728	154	263343	22.147	ng	99
47) 2-Chloronaphthalene	13.775	162	196936	21.443	ng	99
48) 2-Nitroaniline	13.969	65	62007	27.930	ng	99
49) Acenaphthylene	14.616	152	318515	20.959	ng	99
50) Dimethylphthalate	14.334	163	248064	20.085	ng	99
51) 2,6-Dinitrotoluene	14.457	165	50049	24.691	ng	95
52) Acenaphthene	14.956	154	196493	20.712	ng	99
53) 3-Nitroaniline	14.780	138	52011	22.109	ng	96
54) 2,4-Dinitrophenol	14.986	184	8356	10.881	ng	90
55) Dibenzofuran	15.285	168	318257	20.983	ng	100
56) 4-Nitrophenol	15.074	139	90267	49.358	ng	98
57) 2,4-Dinitrotoluene	15.238	165	66985	25.218	ng	# 96
58) Fluorene	15.932	166	257103	21.307	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.503	232	73038	24.112	ng	97
60) Diethylphthalate	15.685	149	245533	19.542	ng	99
61) 4-Chlorophenyl-phenyle...	15.920	204	132314	20.615	ng	98
62) 4-Nitroaniline	15.938	138	55212	22.548	ng	99
63) Azobenzene	16.208	77	225980	18.556	ng	97
65) 4,6-Dinitro-2-methylph...	15.996	198	6305	9.098	ng	86
66) n-Nitrosodiphenylamine	16.126	169	215435	22.079	ng	98
67) 4-Bromophenyl-phenylether	16.813	248	84131	23.677	ng	96
68) Hexachlorobenzene	16.936	284	90045	21.316	ng	95
69) Atrazine	17.066	200	85947	24.340	ng	98
70) Pentachlorophenol	17.277	266	110787	47.870	ng	97
71) Phenanthrene	17.677	178	499494	26.684	ng	99
72) Anthracene	17.765	178	414587	22.600	ng	99
73) Carbazole	18.029	167	352024	21.233	ng	100
74) Di-n-butylphthalate	18.570	149	400821	21.086	ng	100
75) Fluoranthene	19.674	202	610971	27.370	ng	99
77) Benzidine	19.862	184	120877	13.804	ng	98
78) Pyrene	20.039	202	649504	29.650	ng	99
80) Butylbenzylphthalate	20.902	149	172656	22.608	ng	97
81) Benzo(a)anthracene	21.919	228	565041	25.486	ng	99
82) 3,3'-Dichlorobenzidine	21.819	252	130518	18.038	ng	98
83) Chrysene	21.983	228	534295	25.344	ng	99
84) Bis(2-ethylhexyl)phtha...	21.795	149	257000	23.246	ng	99
85) Di-n-octyl phthalate	23.082	149	439021	22.979	ng	# 99
87) Indeno(1,2,3-cd)pyrene	29.316	276	409947	15.975	ng	# 93
88) Benzo(b)fluoranthene	24.275	252	561572	26.305	ng	99
89) Benzo(k)fluoranthene	24.345	252	556697	25.507	ng	99
90) Benzo(a)pyrene	25.209	252	497589	27.058	ng	99
91) Dibenzo(a,h)anthracene	29.387	278	315925	14.872	ng	99
92) Benzo(g,h,i)perylene	30.556	276	282945	13.626	ng	98

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

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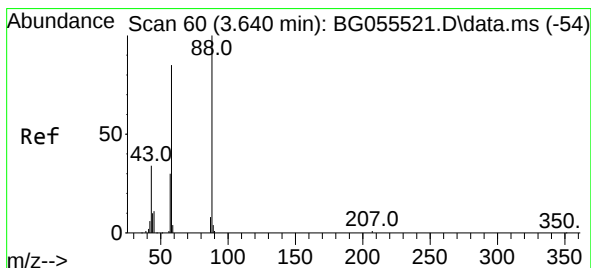
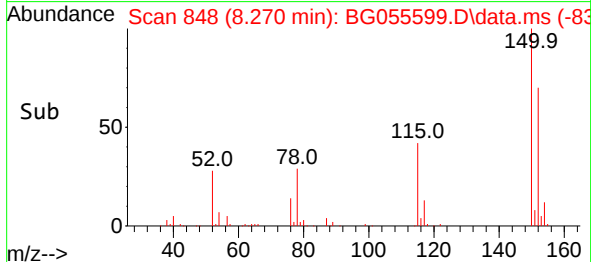
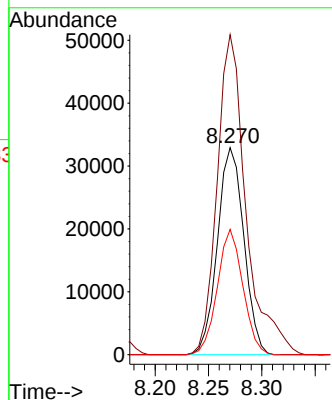
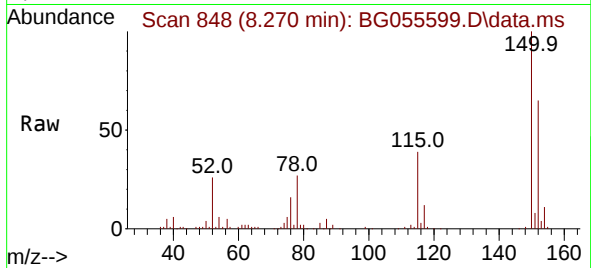




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.270 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BG055599.D
 Acq: 12 Nov 2022 21:33

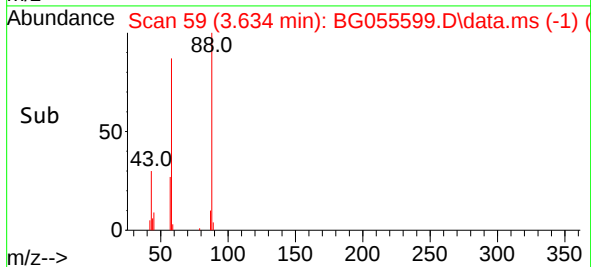
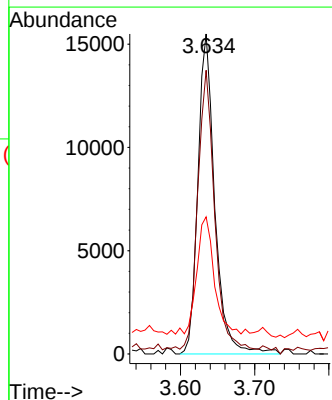
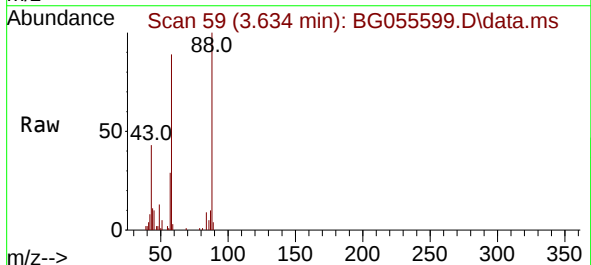
Instrument :
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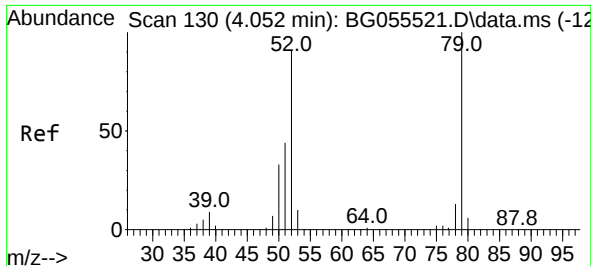
Tgt Ion:152 Resp: 56742
 Ion Ratio Lower Upper
 152 100
 150 154.6 121.0 181.4
 115 60.5 47.8 71.8



#2
 1,4-Dioxane
 Concen: 16.270 ng
 RT: 3.634 min Scan# 59
 Delta R.T. -0.006 min
 Lab File: BG055599.D
 Acq: 12 Nov 2022 21:33

Tgt Ion: 88 Resp: 24618
 Ion Ratio Lower Upper
 88 100
 58 85.6 68.9 103.3
 43 39.0 27.1 40.7

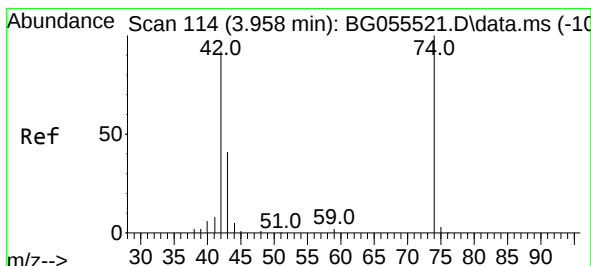
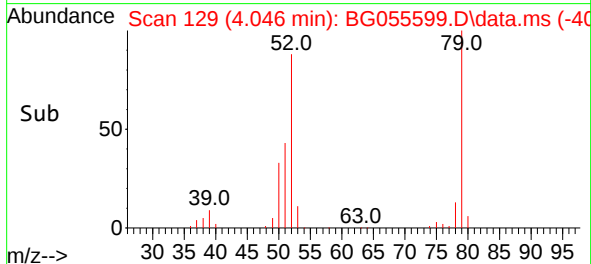
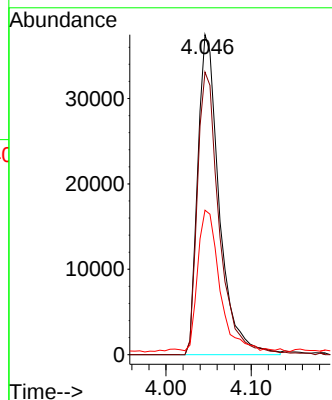
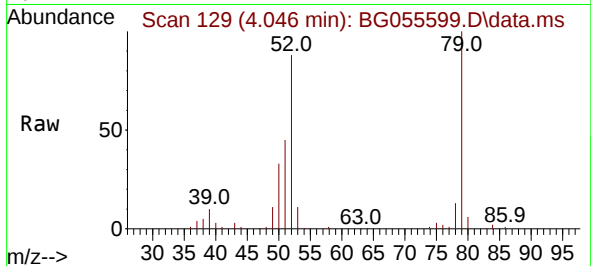




#3
Pyridine
Concen: 15.627 ng
RT: 4.046 min Scan# 110
Delta R.T. -0.006 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

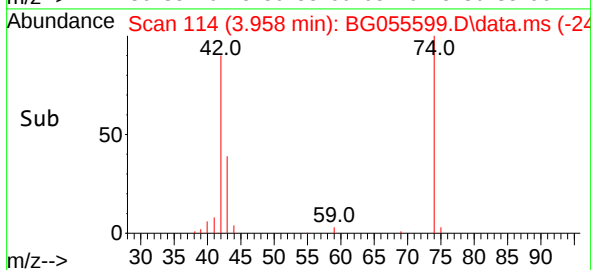
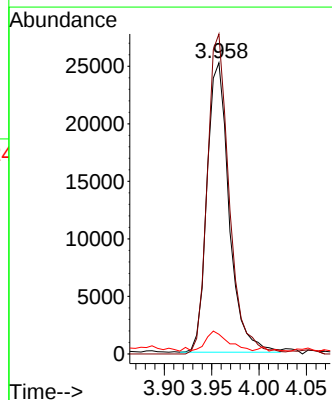
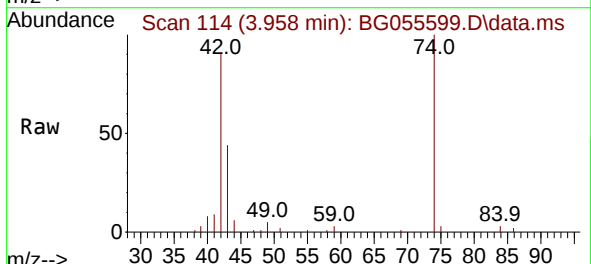
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

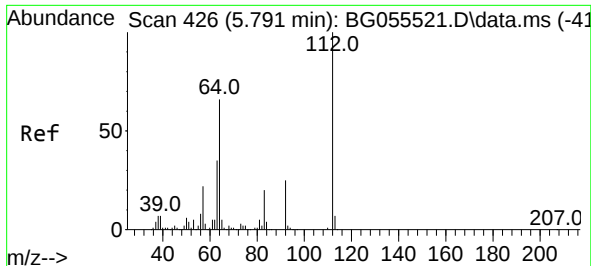
Tgt Ion: 79 Resp: 65744
Ion Ratio Lower Upper
79 100
52 88.3 72.7 109.1
51 45.2 36.0 54.0



#4
n-Nitrosodimethylamine
Concen: 17.865 ng
RT: 3.958 min Scan# 114
Delta R.T. -0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion: 42 Resp: 40911
Ion Ratio Lower Upper
42 100
74 109.9 87.1 130.7
44 6.8 5.6 8.4

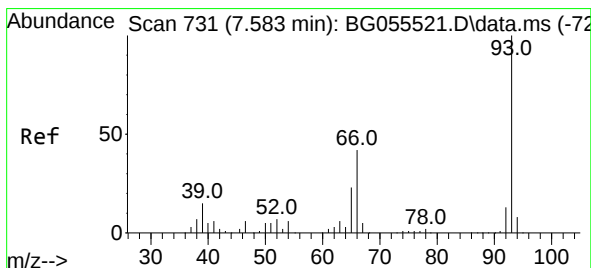
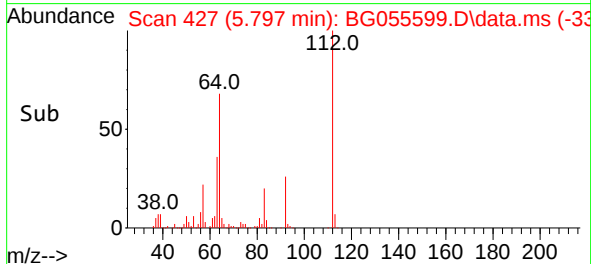
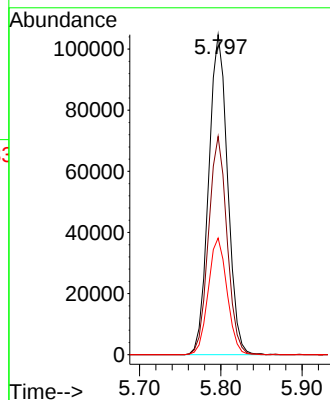
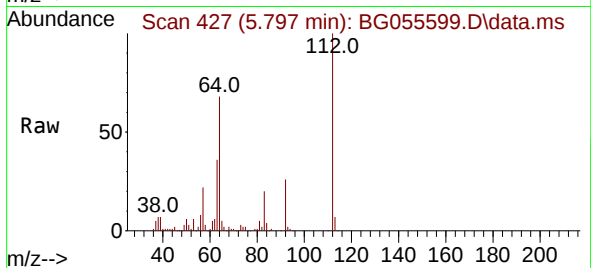




#5
2-Fluorophenol
Concen: 56.803 ng
RT: 5.797 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

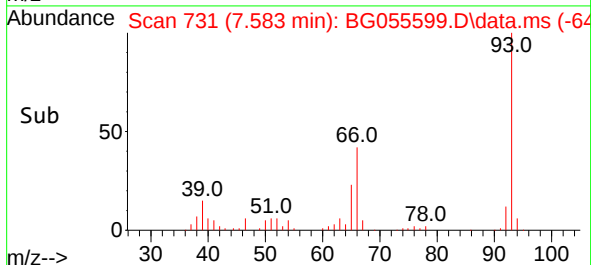
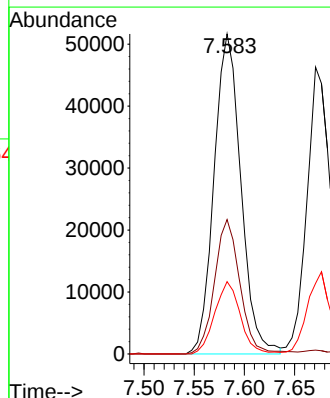
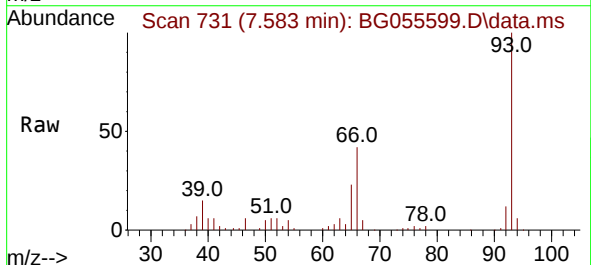
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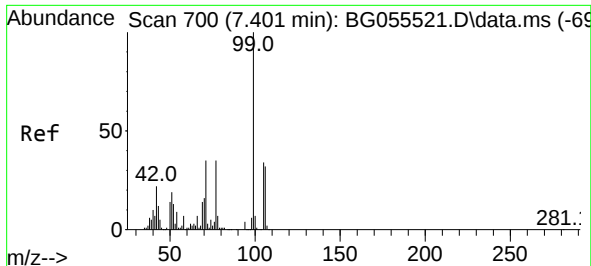
Tgt Ion:112 Resp: 169217
Ion Ratio Lower Upper
112 100
64 68.2 52.6 78.8
63 36.5 28.3 42.5



#6
Aniline
Concen: 17.559 ng
RT: 7.583 min Scan# 731
Delta R.T. -0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion: 93 Resp: 95975
Ion Ratio Lower Upper
93 100
66 42.0 33.2 49.8
65 22.6 18.1 27.1

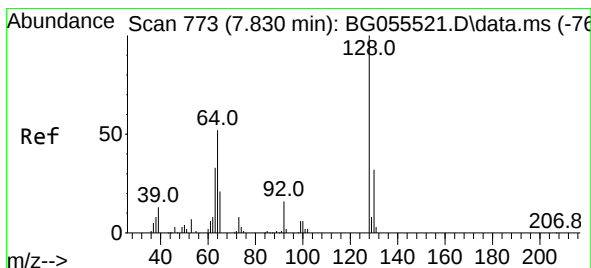
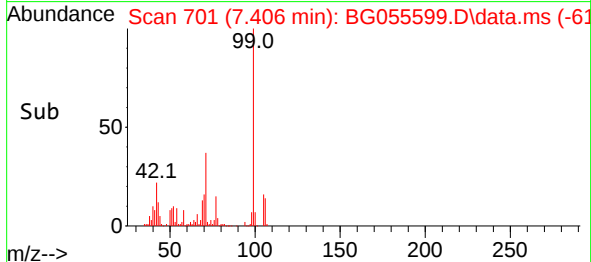
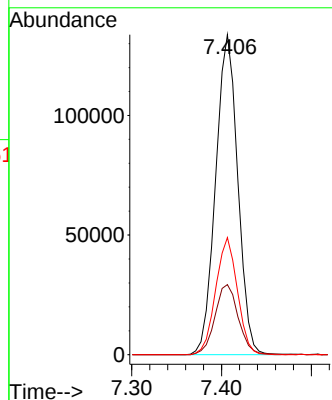
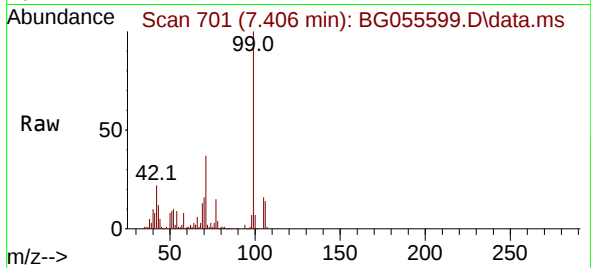




#7
Phenol-d6
Concen: 55.544 ng
RT: 7.406 min Scan# 700
Delta R.T. 0.005 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

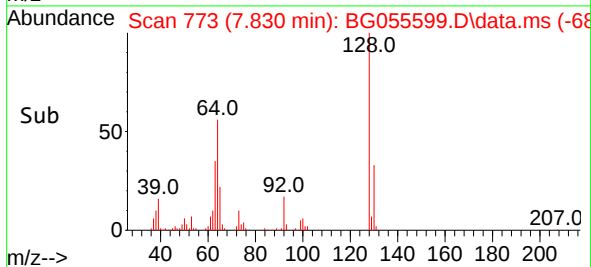
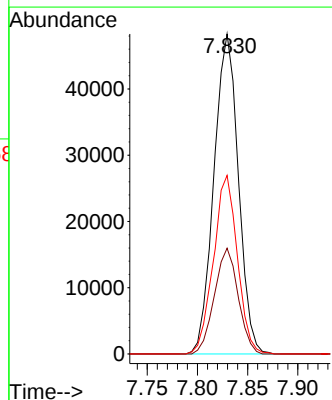
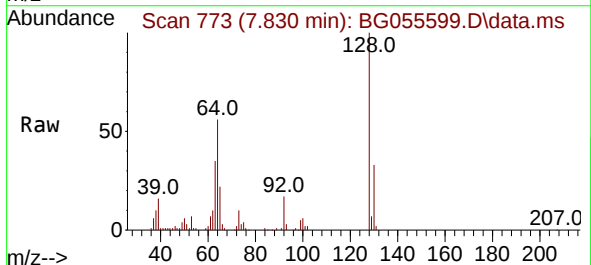
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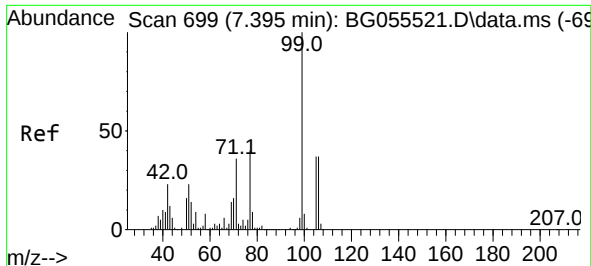
Tgt Ion: 99 Resp: 228565
Ion Ratio Lower Upper
99 100
42 21.9 17.5 26.3
71 36.6 28.3 42.5



#8
2-Chlorophenol
Concen: 24.476 ng
RT: 7.830 min Scan# 773
Delta R.T. -0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion: 128 Resp: 81630
Ion Ratio Lower Upper
128 100
130 33.1 12.2 52.2
64 55.8 35.5 75.5

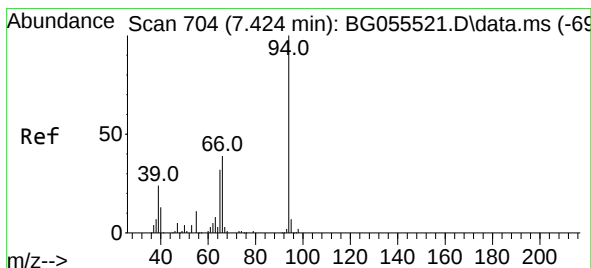
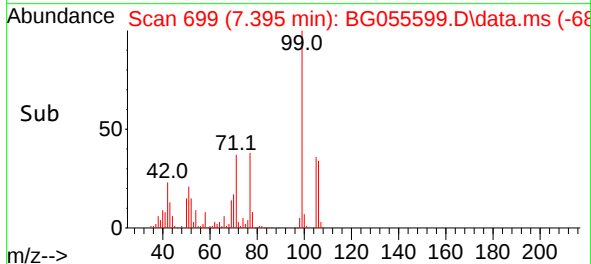
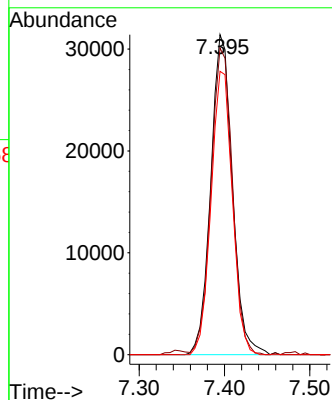
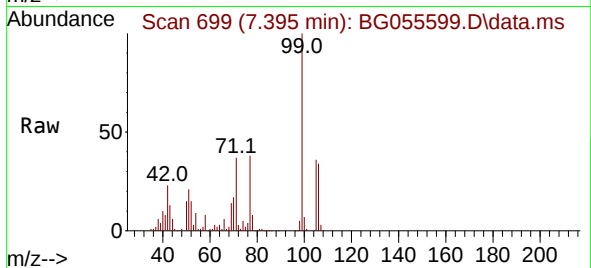




#9
Benzaldehyde
Concen: 17.025 ng
RT: 7.395 min Scan# 699
Delta R.T. -0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

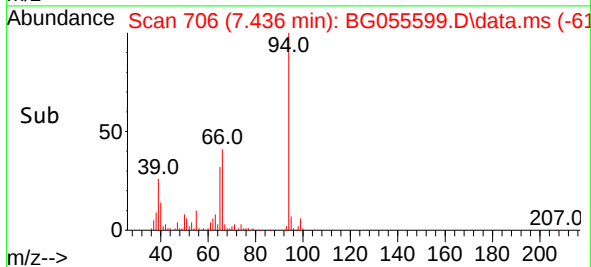
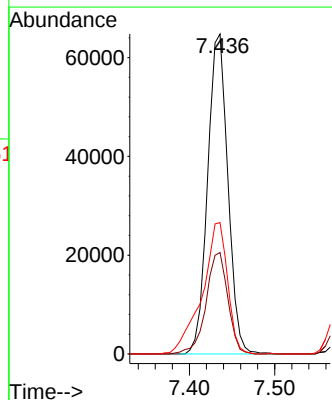
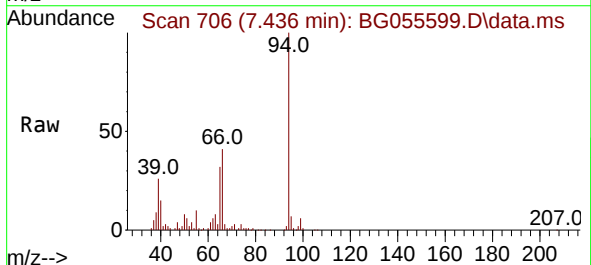
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ClientSampleId :
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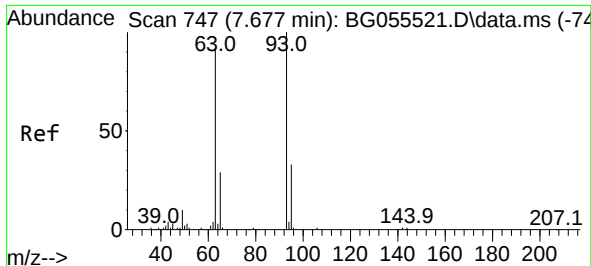
Tgt Ion: 77 Resp: 55273
Ion Ratio Lower Upper
77 100
105 95.8 73.9 113.9
106 88.5 73.1 113.1



#10
Phenol
Concen: 22.537 ng
RT: 7.436 min Scan# 706
Delta R.T. 0.012 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion: 94 Resp: 106760
Ion Ratio Lower Upper
94 100
65 31.7 11.9 51.9
66 41.1 20.3 60.3

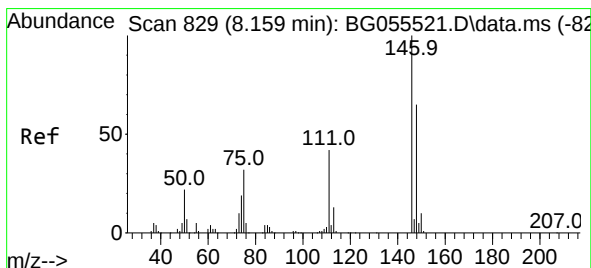
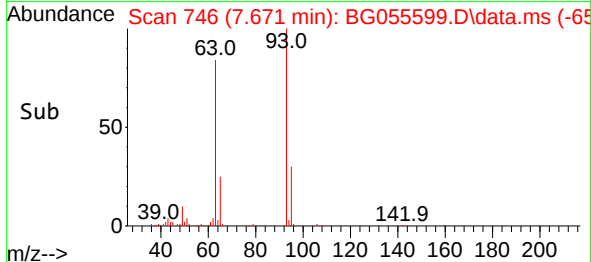
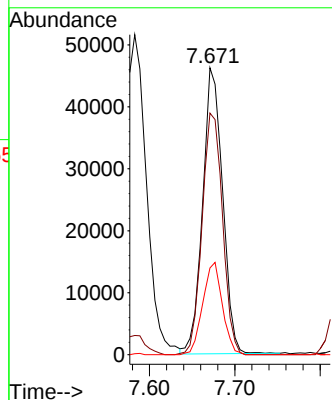
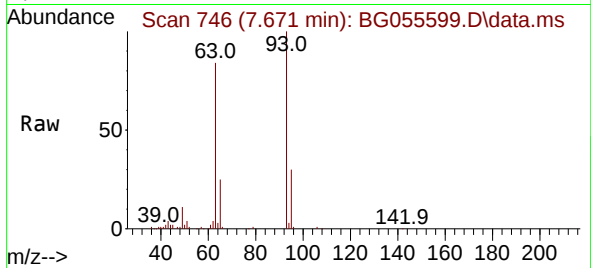




#11
bis(2-Chloroethyl)ether
Concen: 19.667 ng
RT: 7.671 min Scan# 747
Delta R.T. -0.006 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

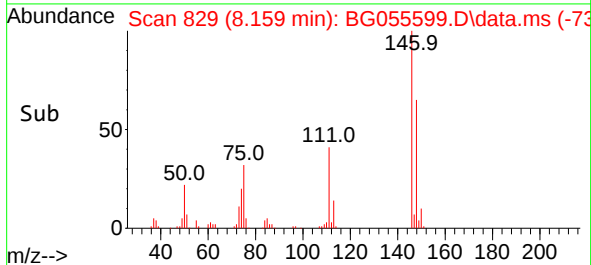
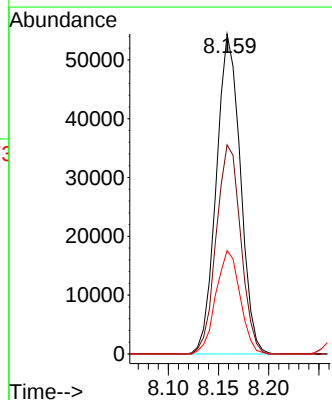
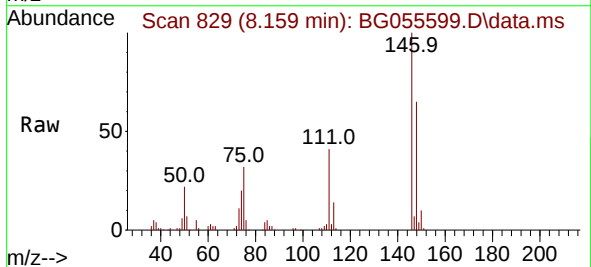
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

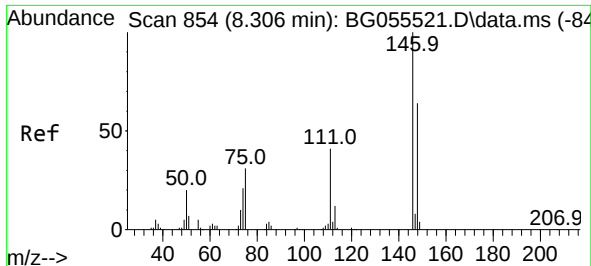
Tgt Ion: 93 Resp: 75010
Ion Ratio Lower Upper
93 100
63 84.2 71.2 111.2
95 30.3 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 21.723 ng
RT: 8.159 min Scan# 829
Delta R.T. -0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:146 Resp: 90499
Ion Ratio Lower Upper
146 100
148 65.4 52.2 78.4
75 32.3 25.8 38.8

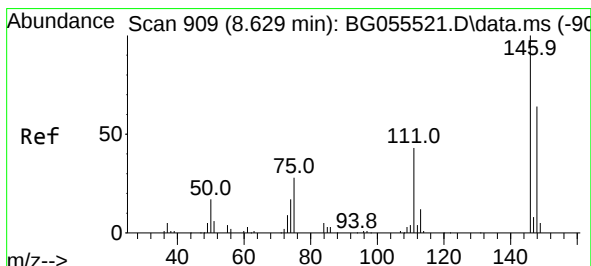
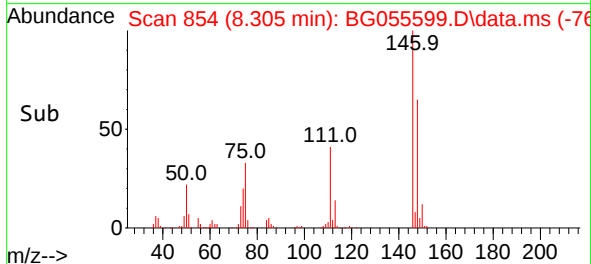
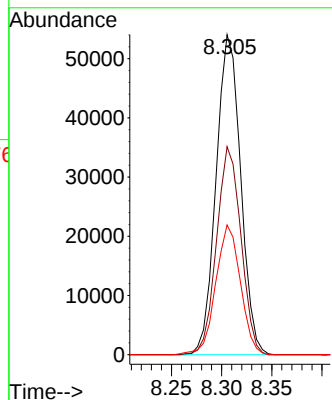
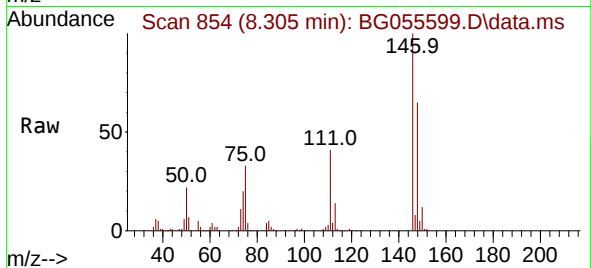




#13
1,4-Dichlorobenzene
Concen: 21.796 ng
RT: 8.305 min Scan# 811
Delta R.T. -0.001 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

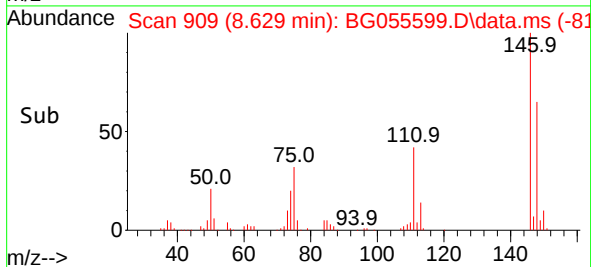
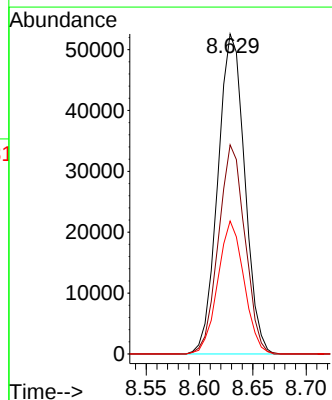
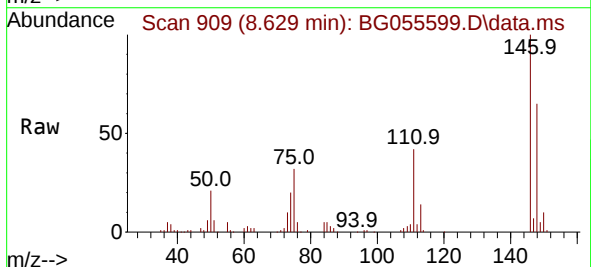
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

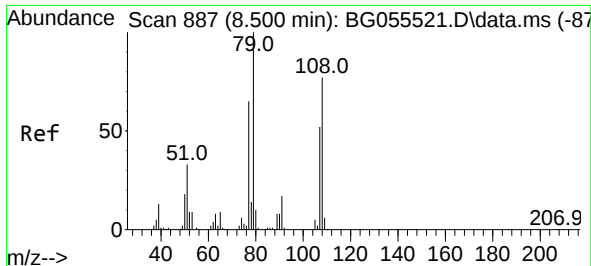
Tgt Ion:146 Resp: 91896
Ion Ratio Lower Upper
146 100
148 65.0 51.0 76.6
111 40.6 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 22.968 ng
RT: 8.629 min Scan# 909
Delta R.T. -0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:146 Resp: 91963
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.6
111 41.6 34.6 52.0

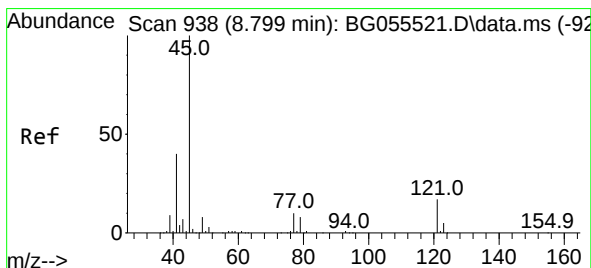
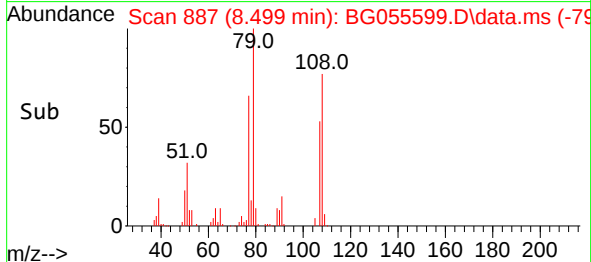
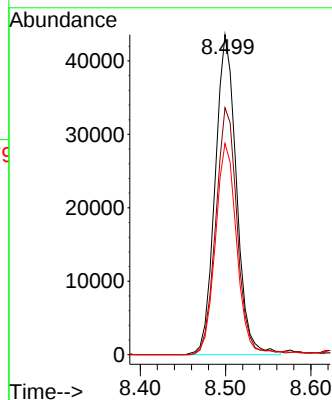
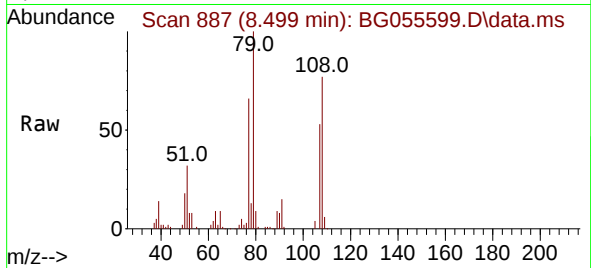




#15
Benzyl Alcohol
Concen: 21.078 ng
RT: 8.499 min Scan# 887
Delta R.T. -0.001 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

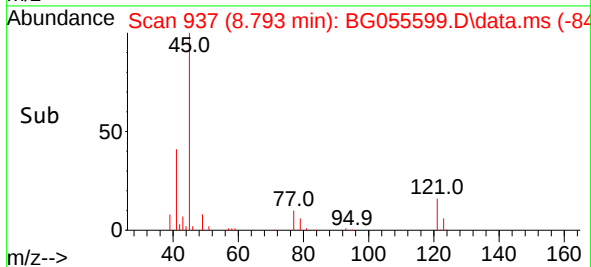
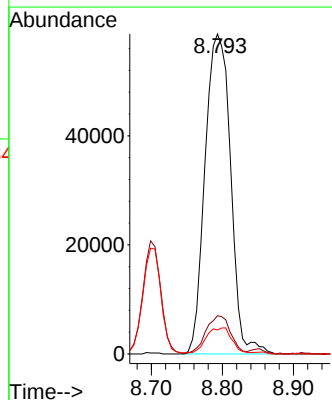
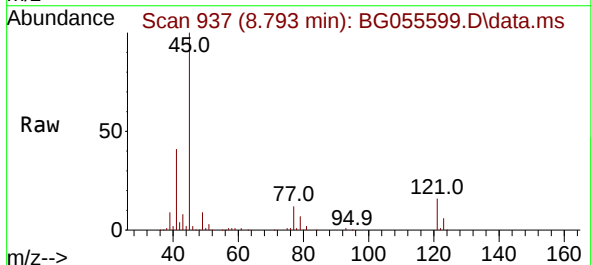
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

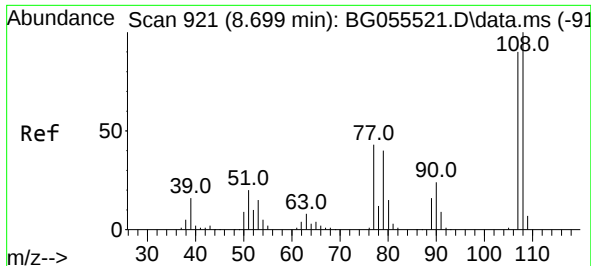
Tgt Ion:	79	Resp:	75639
Ion	Ratio	Lower	Upper
79	100		
108	77.1	61.8	92.6
77	66.0	52.4	78.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.043 ng
RT: 8.793 min Scan# 937
Delta R.T. -0.006 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:	45	Resp:	146890
Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	30.4
79	7.5	0.0	28.3

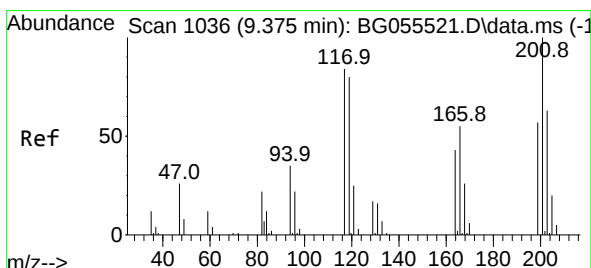
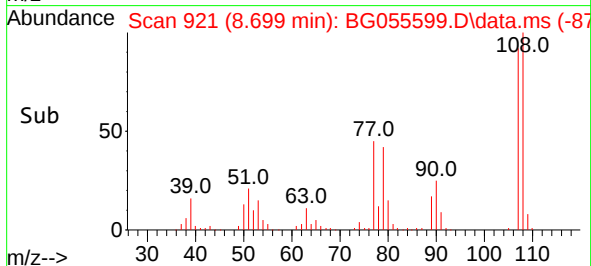
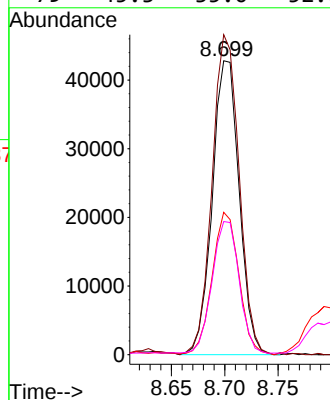
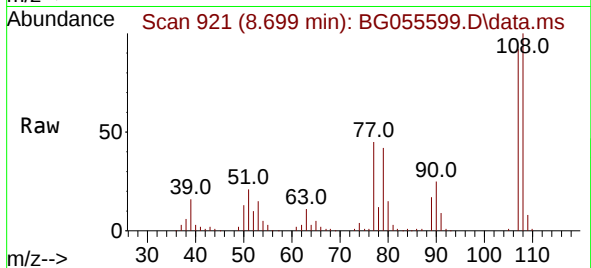




#17
2-Methylphenol
Concen: 22.520 ng
RT: 8.699 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

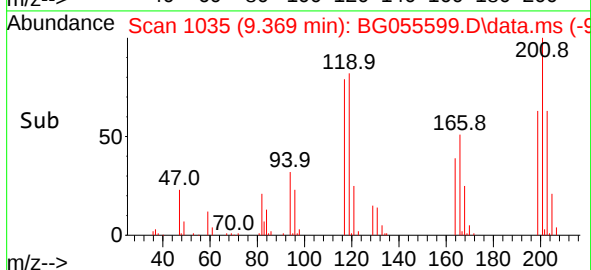
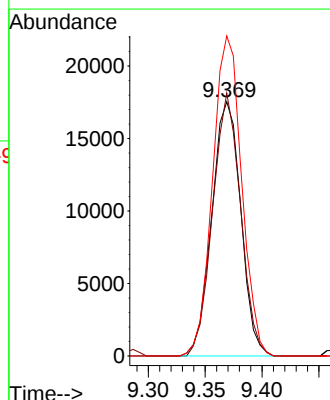
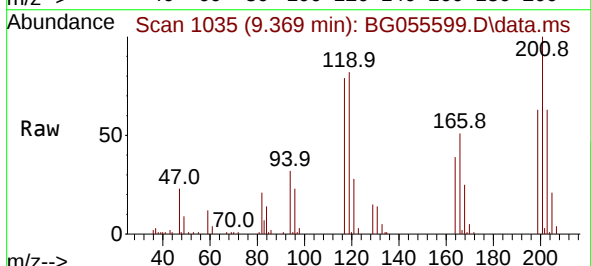
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

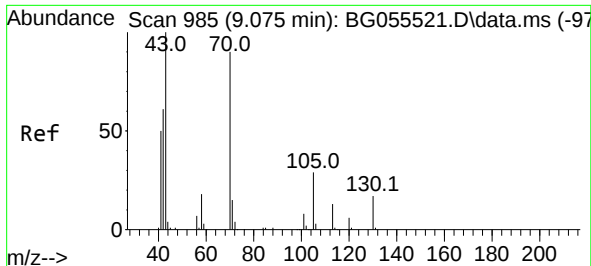
Tgt Ion:	107	Resp:	75072
Ion	Ratio	Lower	Upper
107	100		
108	108.9	88.6	132.8
77	48.4	38.2	57.2
79	45.3	35.0	52.6



#18
Hexachloroethane
Concen: 22.238 ng
RT: 9.369 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:	117	Resp:	31127
Ion	Ratio	Lower	Upper
117	100		
119	103.4	77.3	115.9
201	129.5	94.8	142.2

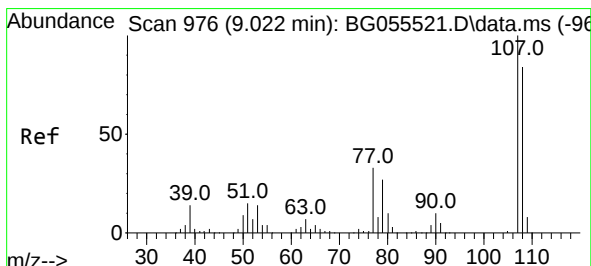
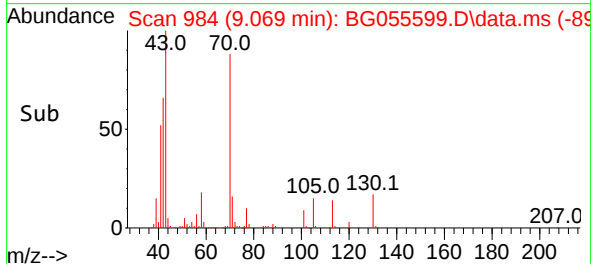
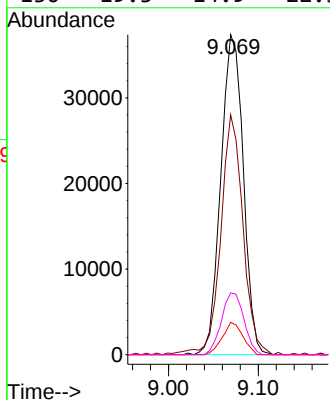
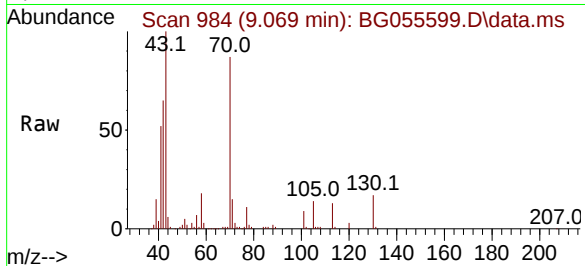




#19
n-Nitroso-di-n-propylamine
Concen: 19.121 ng
RT: 9.069 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

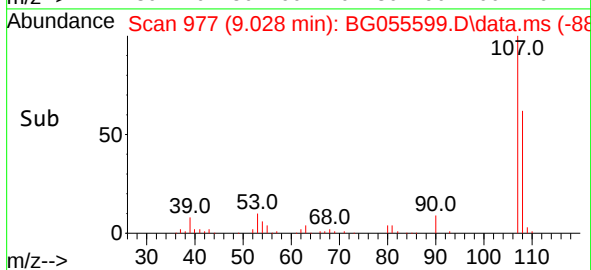
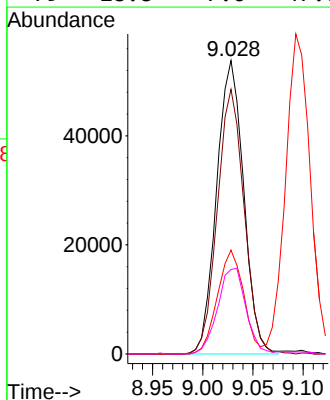
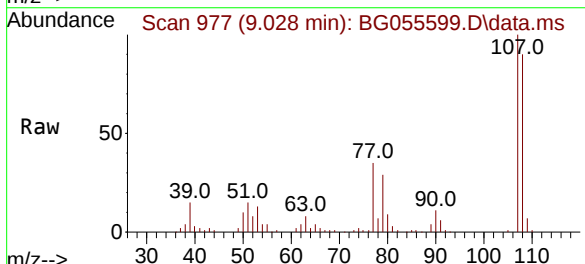
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

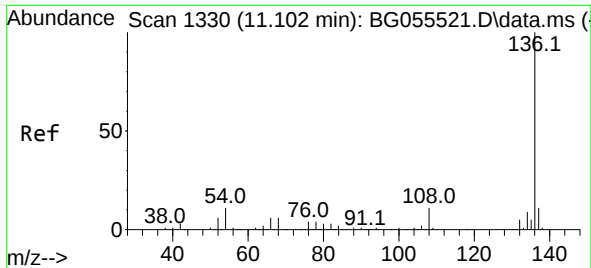
Tgt Ion:	70	Resp:	65027
Ion	Ratio	Lower	Upper
70	100		
42	74.9	54.8	82.2
101	10.1	6.8	10.2
130	19.3	14.9	22.3



#20
3+4-Methylphenols
Concen: 21.616 ng
RT: 9.028 min Scan# 977
Delta R.T. 0.006 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:	107	Resp:	100387
Ion	Ratio	Lower	Upper
107	100		
108	90.2	63.9	103.9
77	35.4	13.2	53.2
79	28.8	7.6	47.6

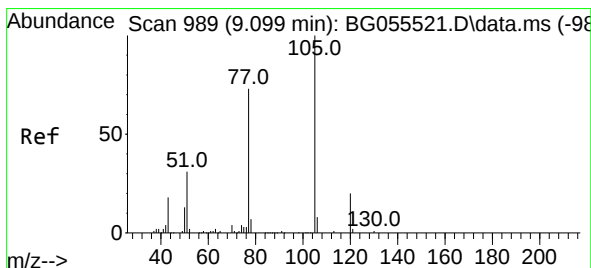
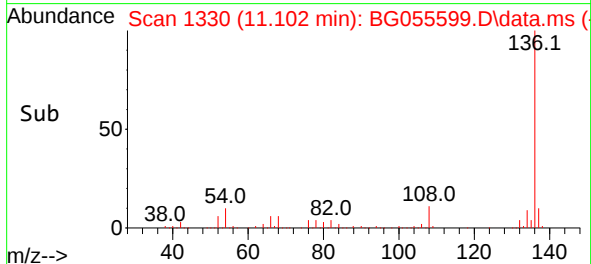
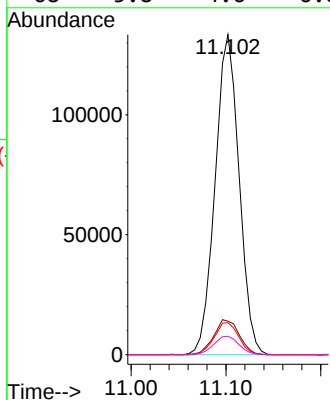
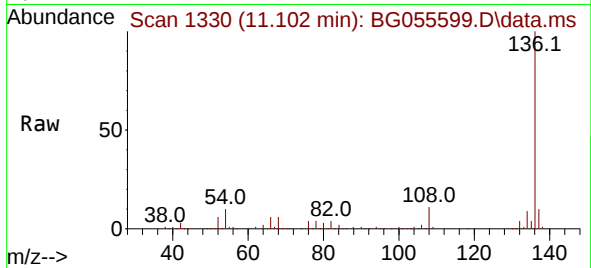




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

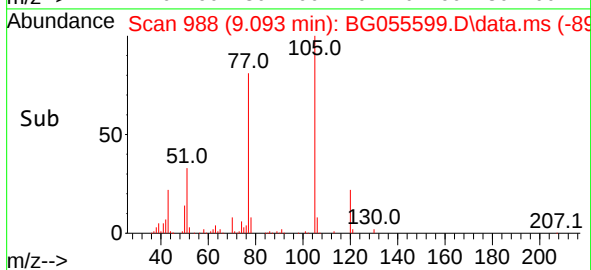
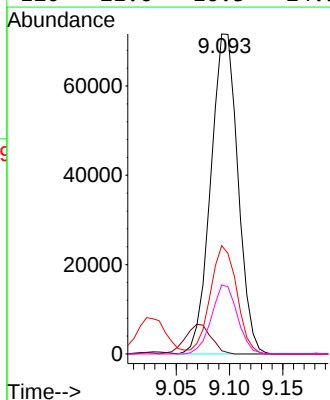
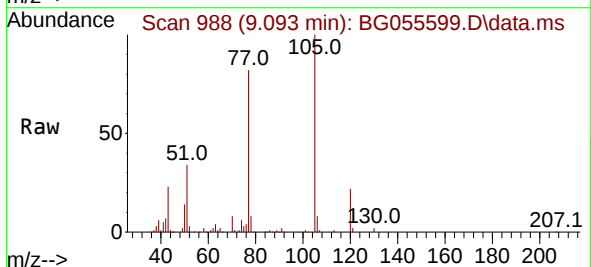
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

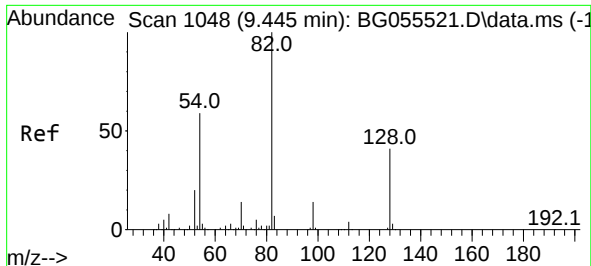
Tgt Ion:136 Resp: 234361
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 10.0 8.6 12.8
68 5.8 4.6 6.8



#22
Acetophenone
Concen: 20.375 ng
RT: 9.093 min Scan# 988
Delta R.T. -0.006 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:105 Resp: 127025
Ion Ratio Lower Upper
105 100
71 1.0 0.8 1.2
51 33.9 26.5 39.7
120 21.6 16.3 24.5

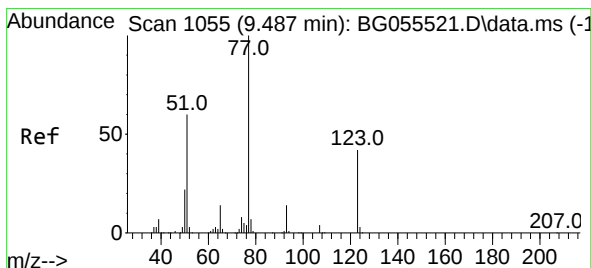
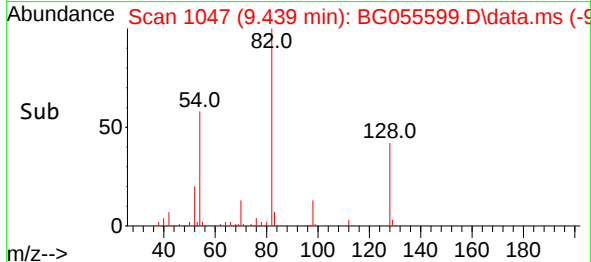
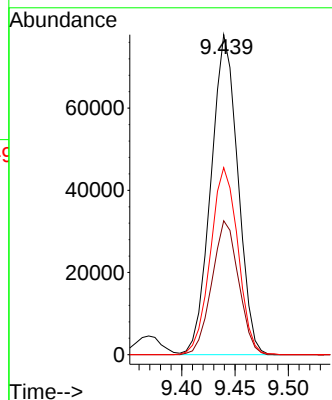
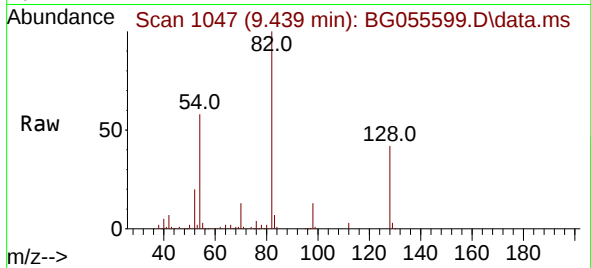




#23
Nitrobenzene-d5
Concen: 39.612 ng
RT: 9.439 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

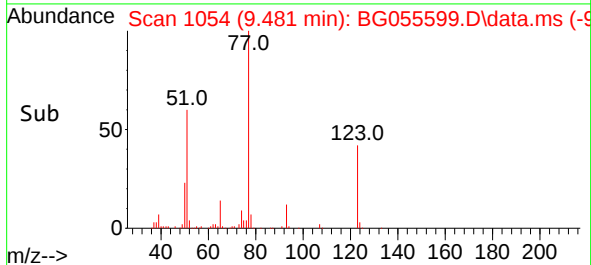
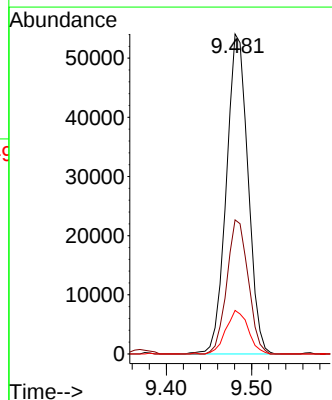
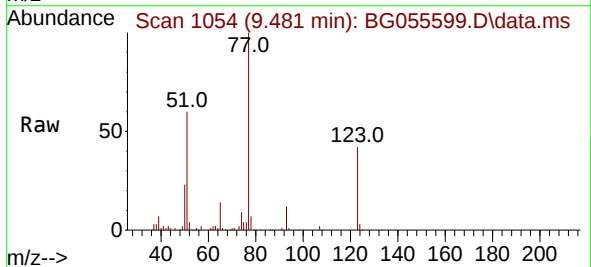
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

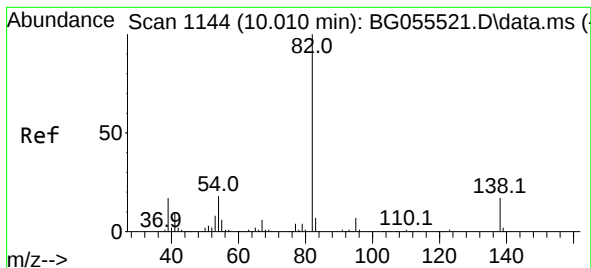
Tgt Ion: 82 Resp: 136943
Ion Ratio Lower Upper
82 100
128 41.9 32.6 49.0
54 58.5 47.3 70.9



#24
Nitrobenzene
Concen: 23.958 ng
RT: 9.481 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion: 77 Resp: 95286
Ion Ratio Lower Upper
77 100
123 41.9 33.4 50.2
65 13.6 11.5 17.3





#25

Isophorone

Concen: 20.371 ng

RT: 10.003 min Scan# 1143

Delta R.T. -0.007 min

Lab File: BG055599.D

Acq: 12 Nov 2022 21:33

Instrument :

BNA_G

ClientSampleId :

NB-08-111022MSD

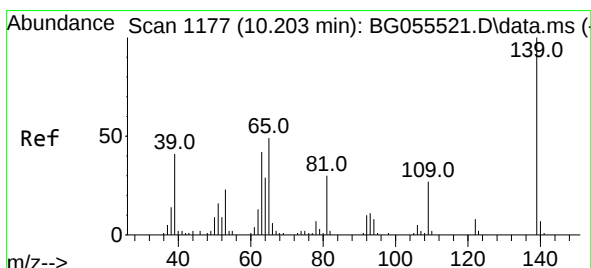
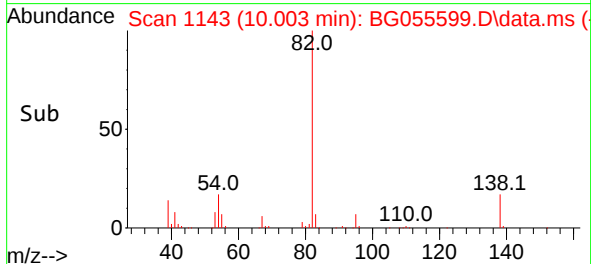
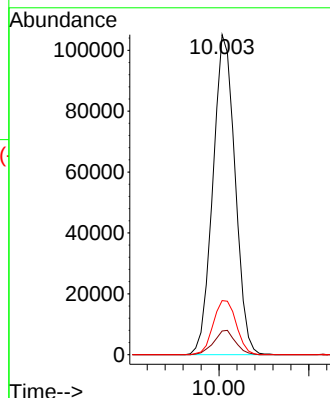
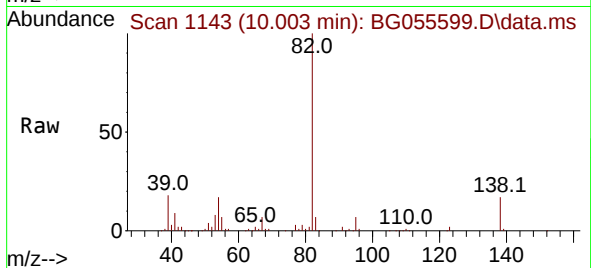
Tgt Ion: 82 Resp: 179922

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

138 16.9 13.8 20.6



#26

2-Nitrophenol

Concen: 33.391 ng

RT: 10.197 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BG055599.D

Acq: 12 Nov 2022 21:33

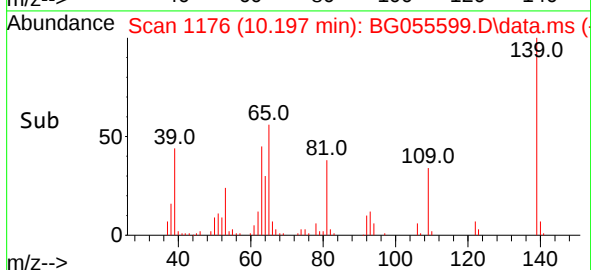
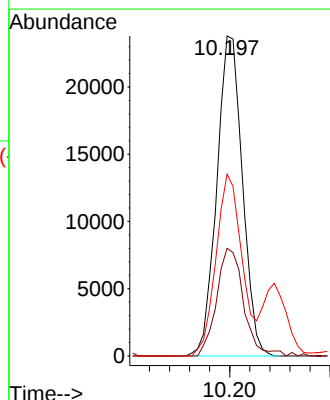
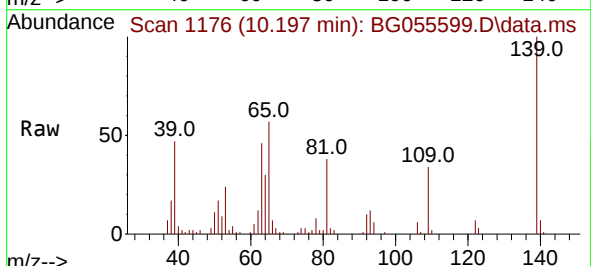
Tgt Ion:139 Resp: 42147

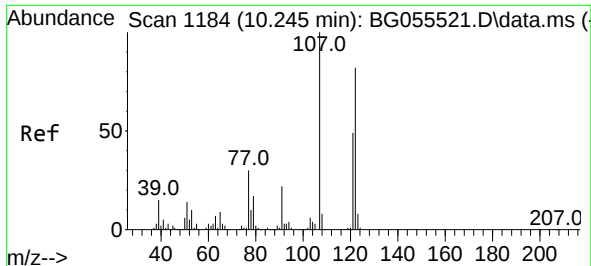
Ion Ratio Lower Upper

139 100

109 33.6 21.5 32.3#

65 56.8 39.6 59.4





#27

2,4-Dimethylphenol

Concen: 26.885 ng

RT: 10.244 min Scan# 1184

Delta R.T. -0.001 min

Lab File: BG055599.D

Acq: 12 Nov 2022 21:33

Instrument :

BNA_G

ClientSampleId :

NB-08-111022MSD

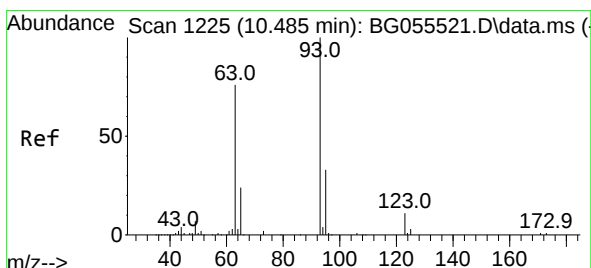
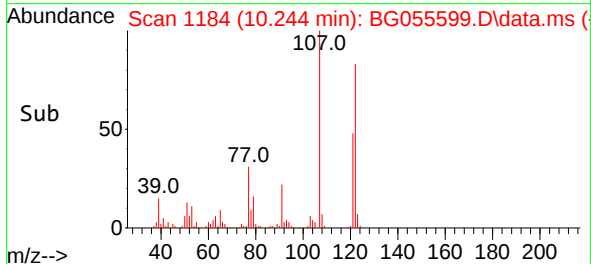
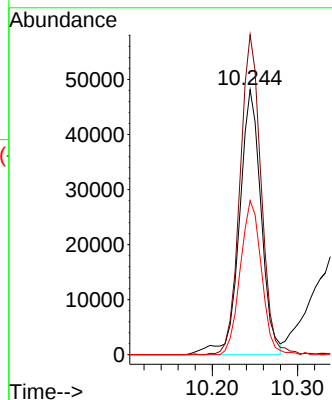
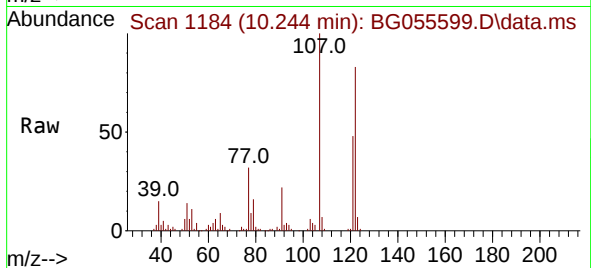
Tgt Ion:122 Resp: 84898

Ion Ratio Lower Upper

122 100

107 120.8 97.8 146.6

121 58.2 47.9 71.9



#28

bis(2-Chloroethoxy)methane

Concen: 21.799 ng

RT: 10.485 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BG055599.D

Acq: 12 Nov 2022 21:33

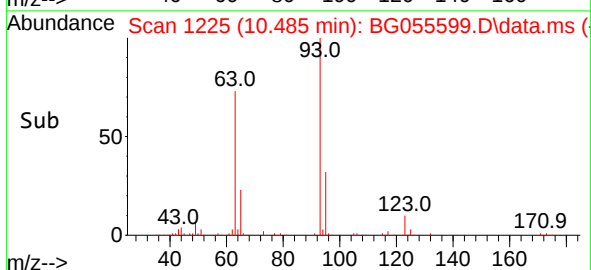
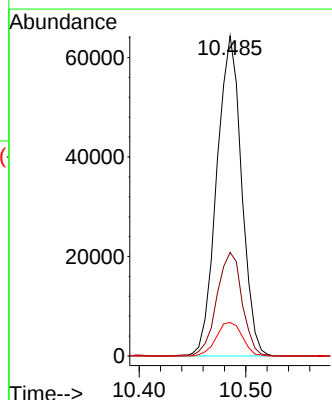
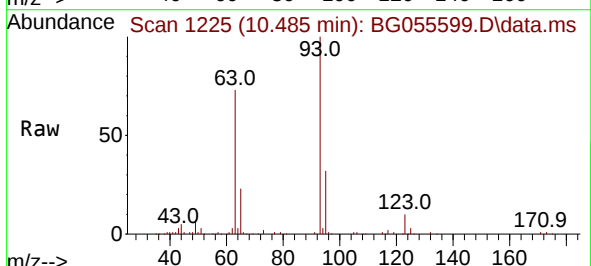
Tgt Ion: 93 Resp: 103806

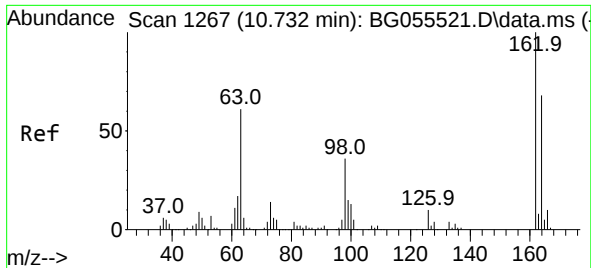
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.4

123 10.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 24.757 ng

RT: 10.738 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG055599.D

Acq: 12 Nov 2022 21:33

Instrument :

BNA_G

ClientSampleId :

NB-08-111022MSD

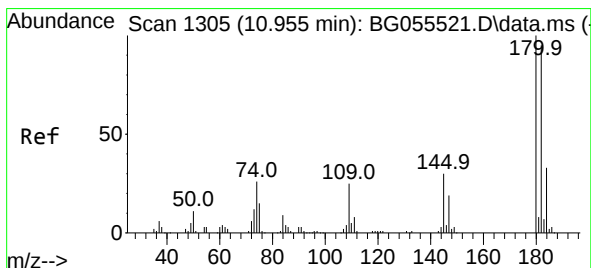
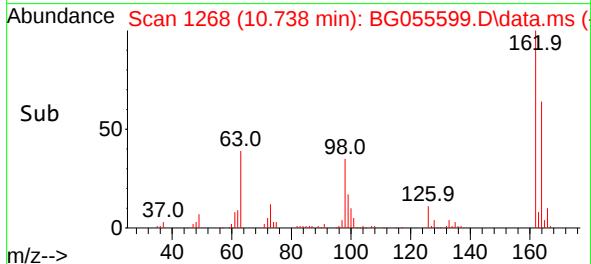
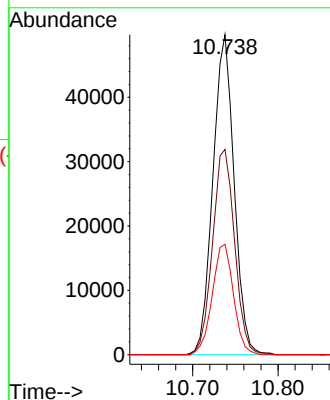
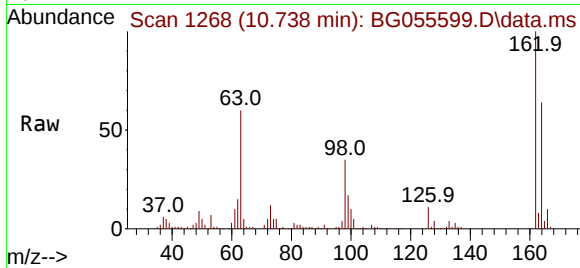
Tgt Ion:162 Resp: 85914

Ion Ratio Lower Upper

162 100

164 64.2 48.3 88.3

98 34.5 15.6 55.6



#30

1,2,4-Trichlorobenzene

Concen: 21.871 ng

RT: 10.961 min Scan# 1306

Delta R.T. 0.006 min

Lab File: BG055599.D

Acq: 12 Nov 2022 21:33

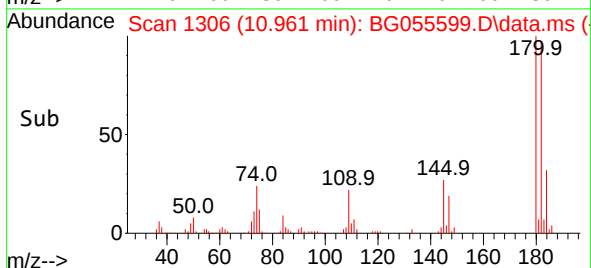
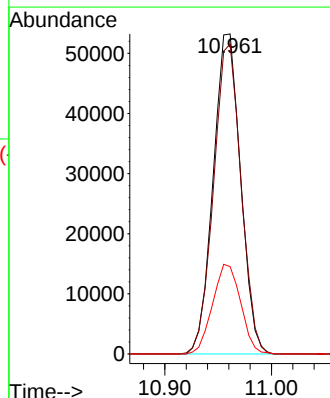
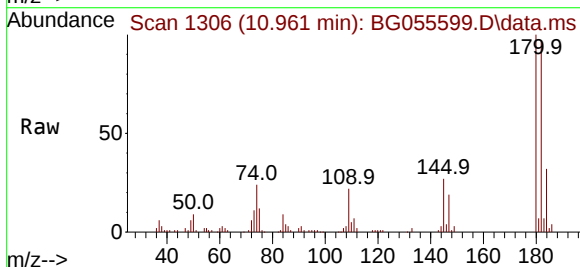
Tgt Ion:180 Resp: 95073

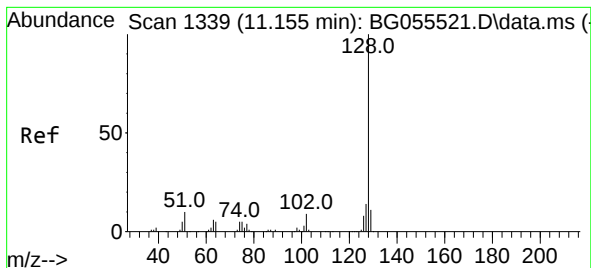
Ion Ratio Lower Upper

180 100

182 96.8 75.9 113.9

145 27.3 23.8 35.6

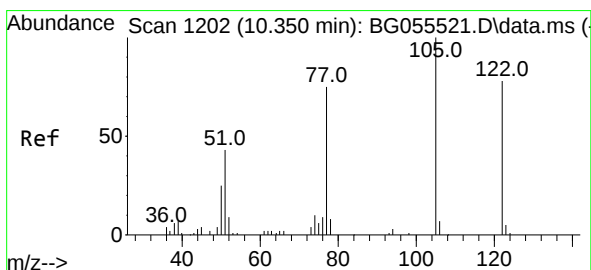
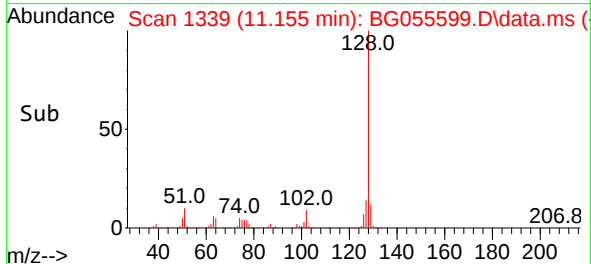
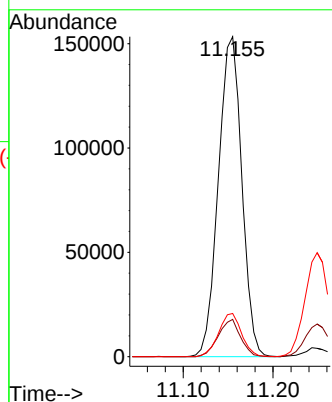
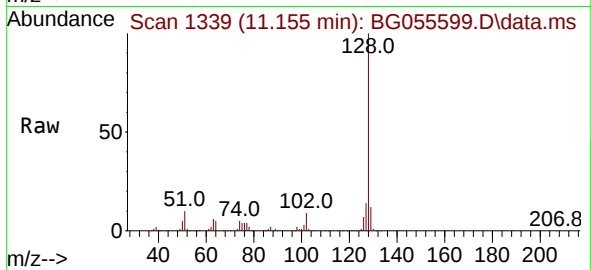




#31
Naphthalene
Concen: 21.912 ng
RT: 11.155 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

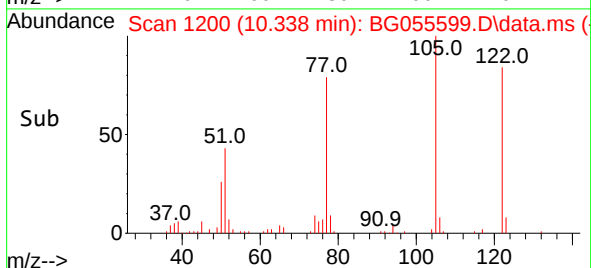
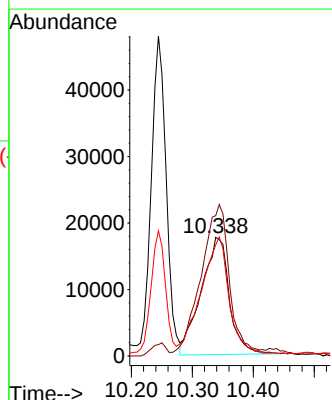
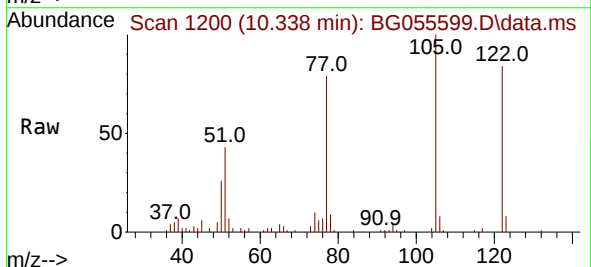
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

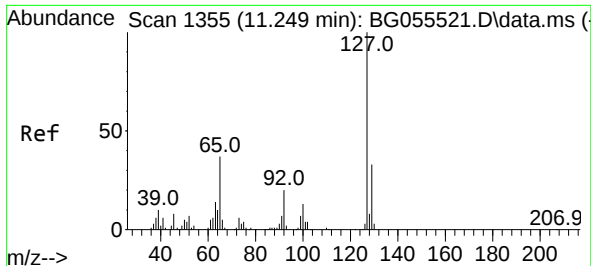
Tgt Ion:128 Resp: 277636
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.5 11.1 16.7



#32
Benzoic acid
Concen: 34.265 ng
RT: 10.338 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:122 Resp: 56624
Ion Ratio Lower Upper
122 100
105 118.4 101.2 141.2
77 93.7 74.4 114.4

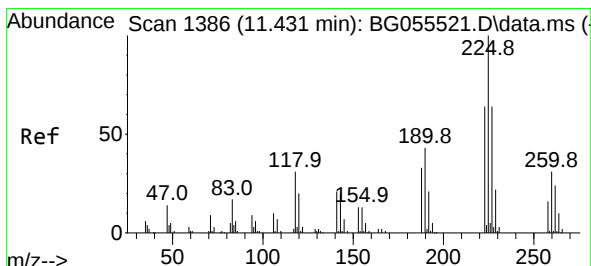
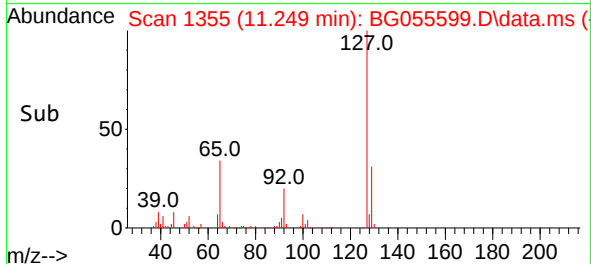
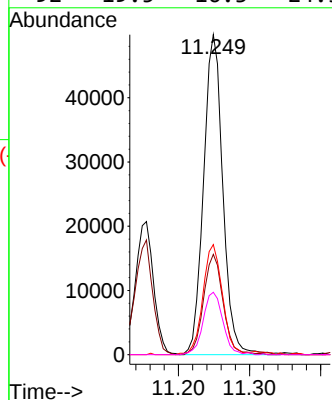
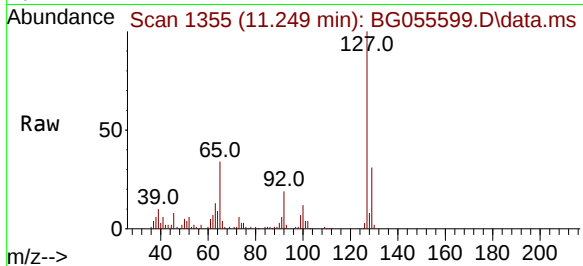




#33
4-Chloroaniline
Concen: 17.781 ng
RT: 11.249 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

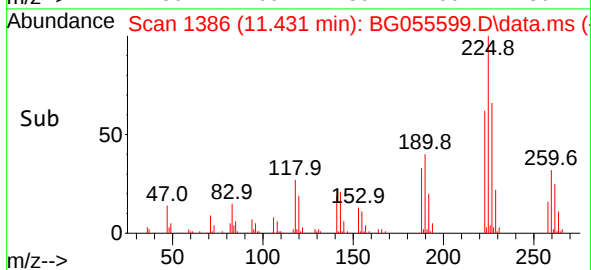
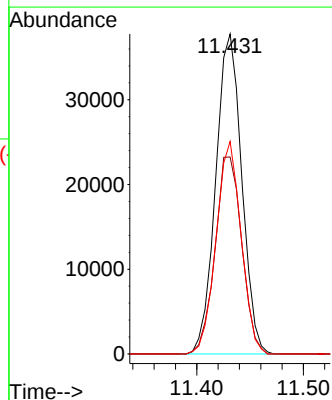
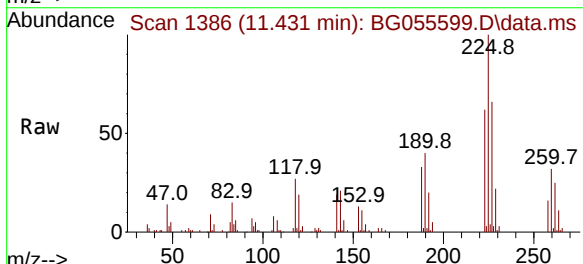
Instrument :
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ClientSampleId :
NB-08-111022MSD

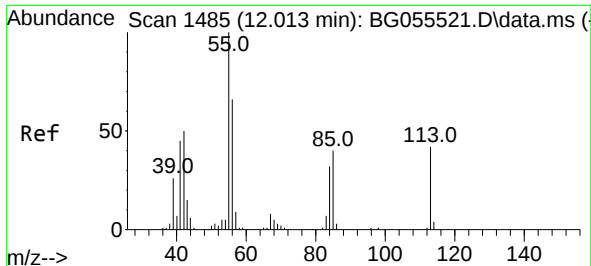
Tgt Ion:	127	Resp:	94176
Ion Ratio	Lower	Upper	
127	100		
129	31.3	26.5	39.7
65	34.4	29.3	43.9
92	19.5	16.3	24.5



#34
Hexachlorobutadiene
Concen: 22.061 ng
RT: 11.431 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:	225	Resp:	63958
Ion Ratio	Lower	Upper	
225	100		
223	64.9	51.5	77.3
227	69.1	51.6	77.4

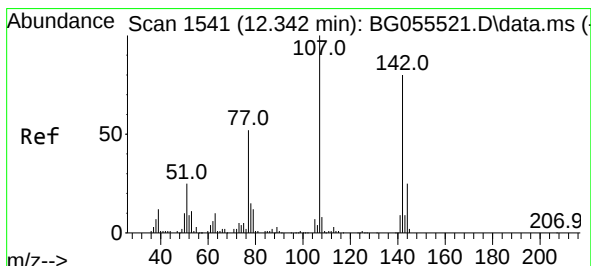
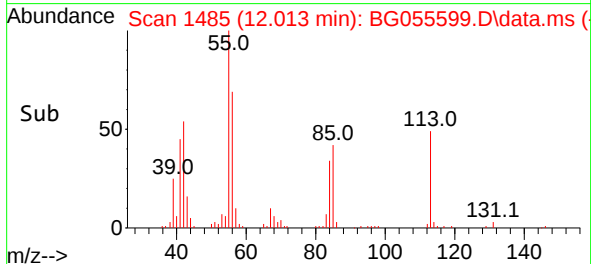
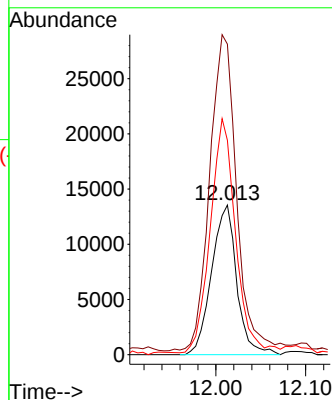
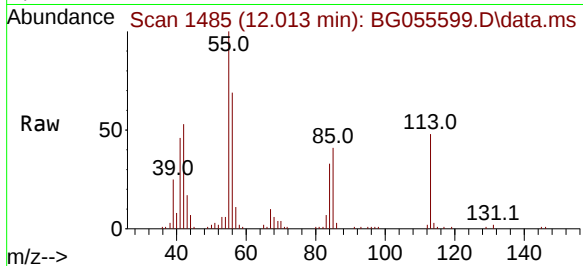




#35
 Caprolactam
 Concen: 22.263 ng
 RT: 12.013 min Scan# 1485
 Delta R.T. -0.000 min
 Lab File: BG055599.D
 Acq: 12 Nov 2022 21:33

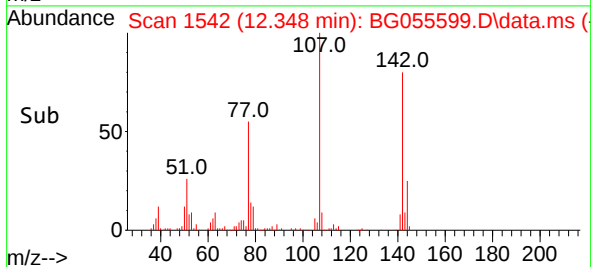
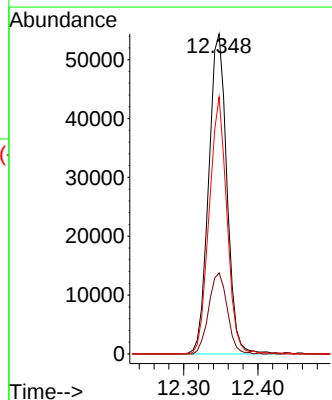
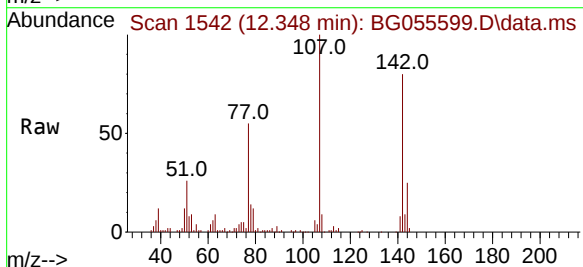
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-111022MSD

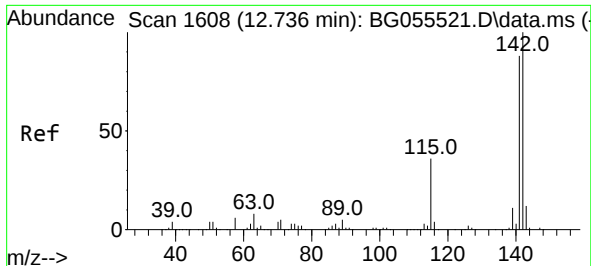
Tgt Ion:113 Resp: 26337
 Ion Ratio Lower Upper
 113 100
 55 207.7 215.6 255.6#
 56 143.4 136.5 176.5



#36
 4-Chloro-3-methylphenol
 Concen: 22.703 ng
 RT: 12.348 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: BG055599.D
 Acq: 12 Nov 2022 21:33

Tgt Ion:107 Resp: 92871
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.3 30.5
 142 80.3 64.1 96.1

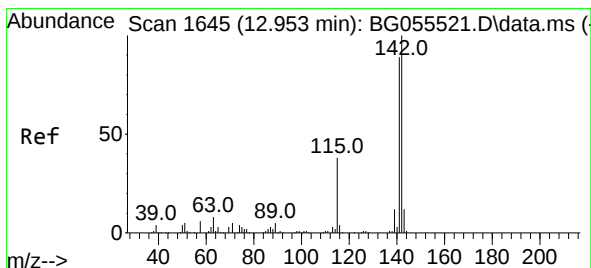
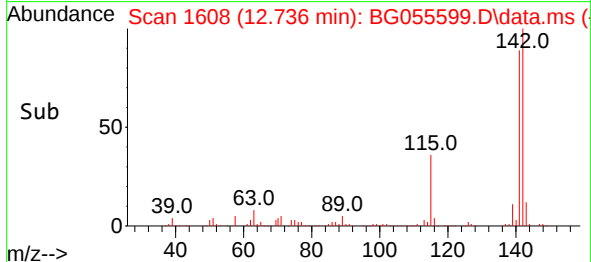
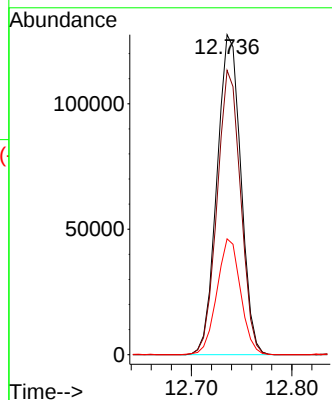
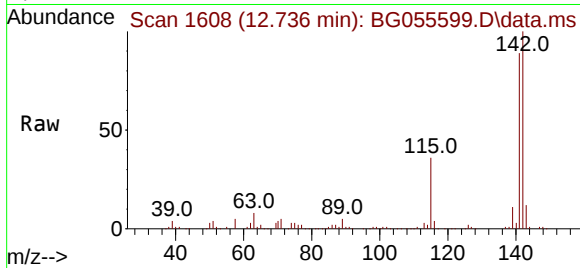




#37
2-Methylnaphthalene
Concen: 22.118 ng
RT: 12.736 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

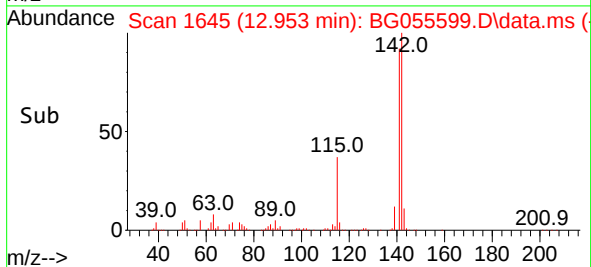
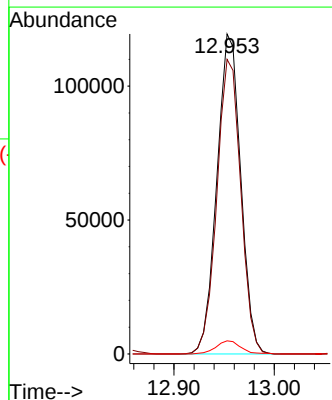
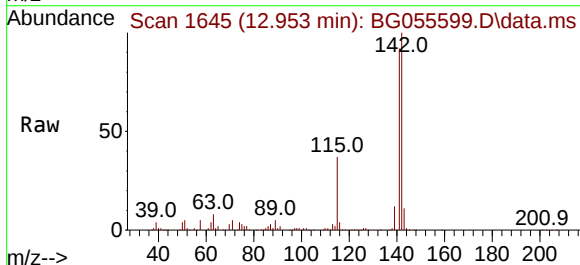
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

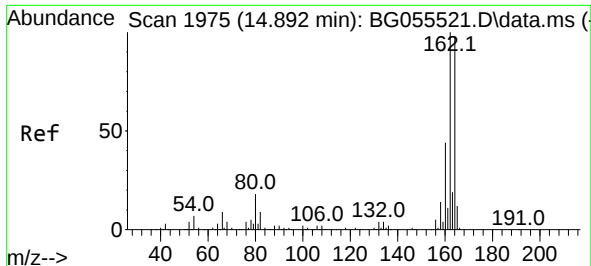
Tgt Ion:142 Resp: 210564
Ion Ratio Lower Upper
142 100
141 88.9 70.3 105.5
115 36.2 28.9 43.3



#38
1-Methylnaphthalene
Concen: 21.099 ng
RT: 12.953 min Scan# 1645
Delta R.T. -0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:142 Resp: 196477
Ion Ratio Lower Upper
142 100
141 92.1 71.6 107.4
116 4.1 3.0 4.6

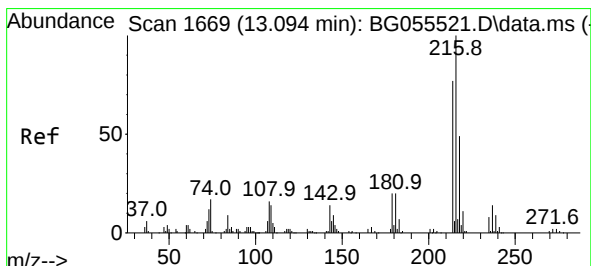
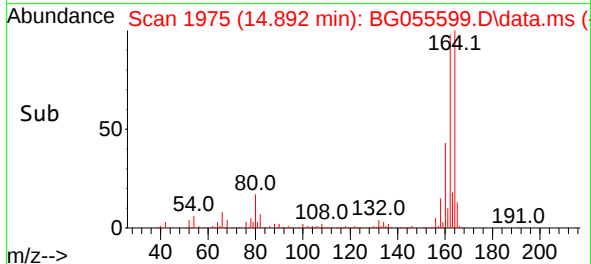
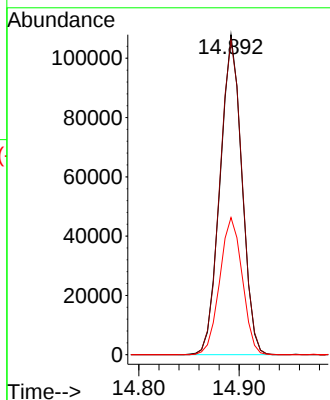
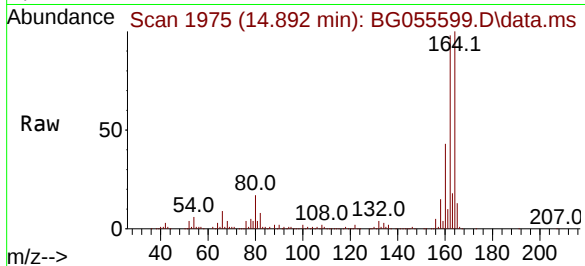




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.892 min Scan# 14
Delta R.T. -0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

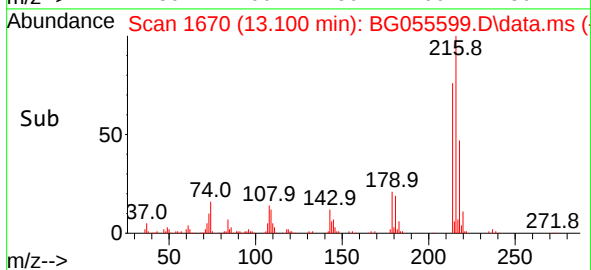
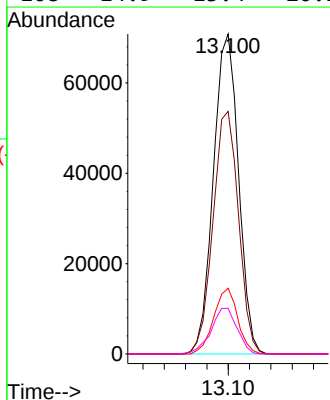
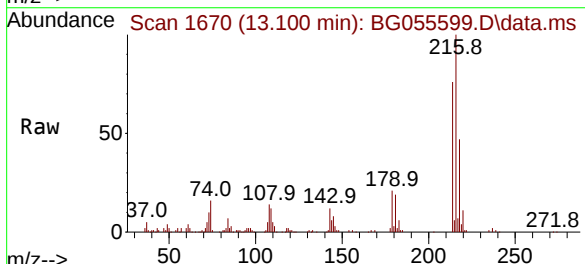
Instrument :
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ClientSampleId :
NB-08-111022MSD

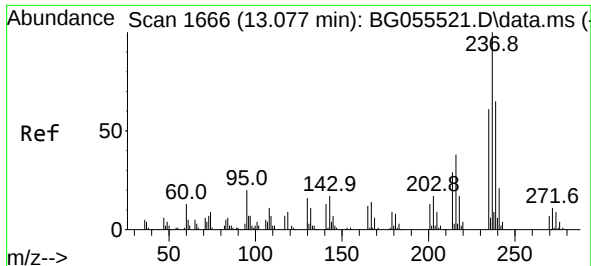
Tgt Ion:164 Resp: 162535
Ion Ratio Lower Upper
164 100
162 98.2 81.3 121.9
160 42.8 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 23.854 ng
RT: 13.100 min Scan# 1670
Delta R.T. 0.006 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

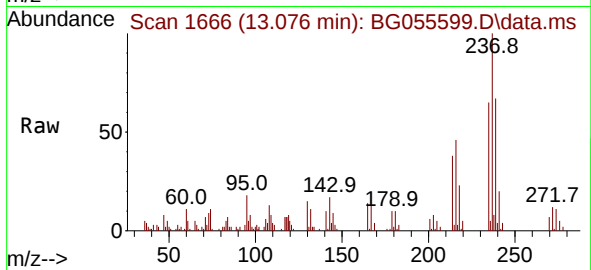
Tgt Ion:216 Resp: 115815
Ion Ratio Lower Upper
216 100
214 76.9 61.3 91.9
179 19.6 16.3 24.5
108 14.9 13.4 20.2



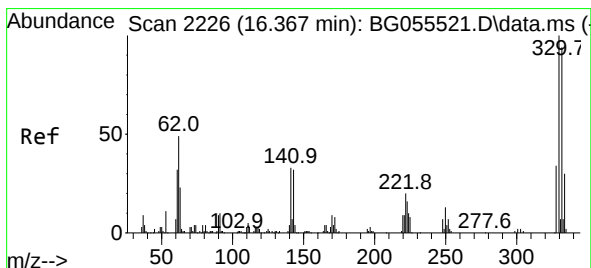
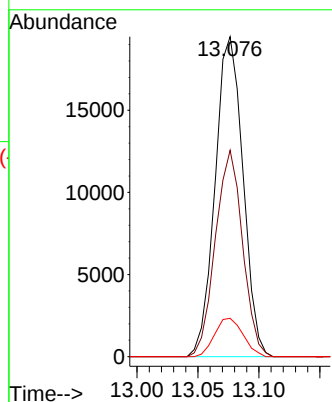
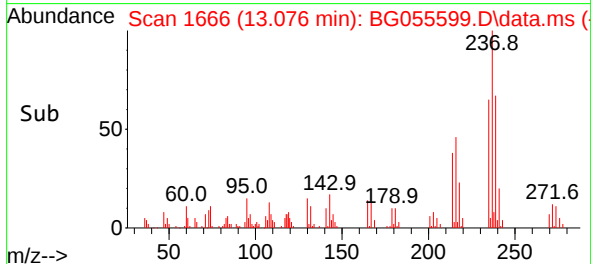


#41
Hexachlorocyclopentadiene
Concen: 14.886 ng
RT: 13.076 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

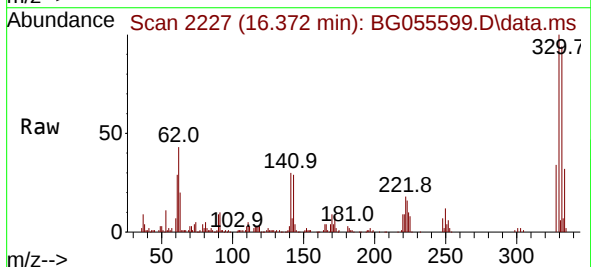
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD



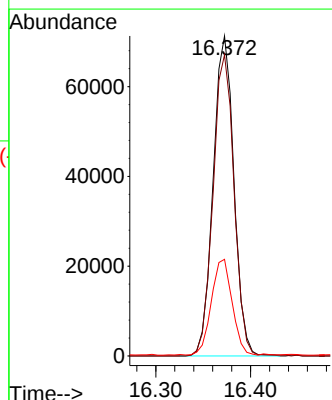
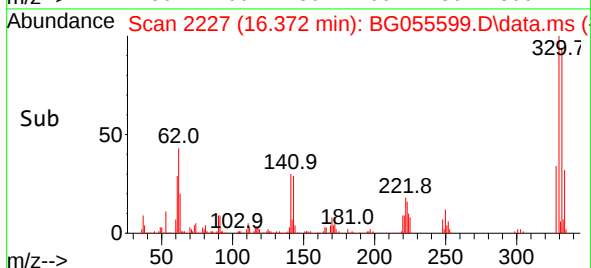
Tgt Ion:237 Resp: 30940
Ion Ratio Lower Upper
237 100
235 64.5 40.6 80.6
272 12.0 0.0 31.4

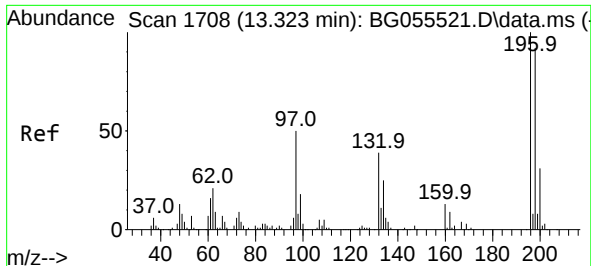


#42
2,4,6-Tribromophenol
Concen: 68.143 ng
RT: 16.372 min Scan# 2227
Delta R.T. 0.005 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33



Tgt Ion:330 Resp: 108065
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.2
141 30.2 25.4 38.2

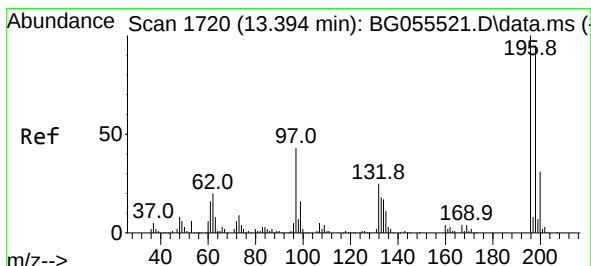
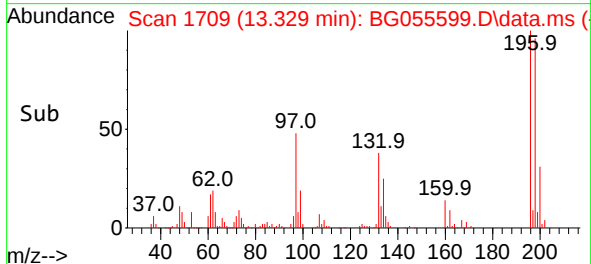
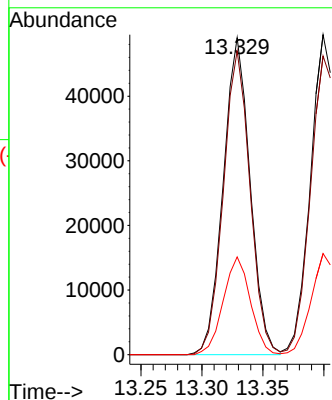
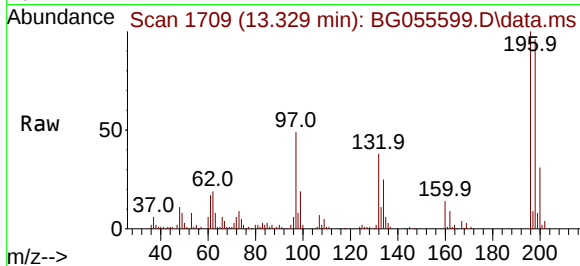




#43
2,4,6-Trichlorophenol
Concen: 26.360 ng
RT: 13.329 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

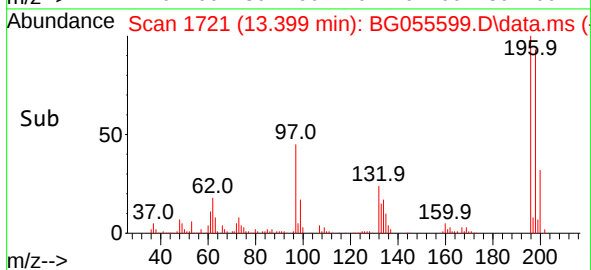
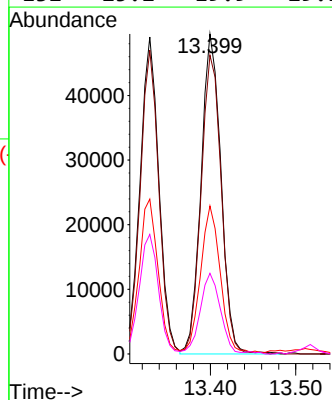
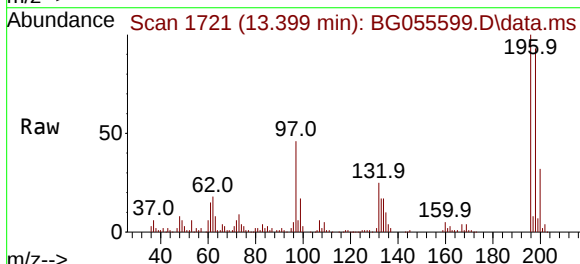
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BNA_G
ClientSampleId :
NB-08-111022MSD

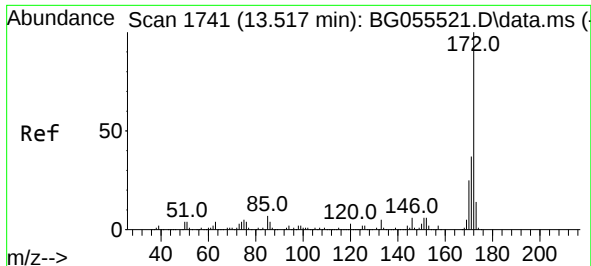
Tgt Ion:196 Resp: 75252
Ion Ratio Lower Upper
196 100
198 95.9 73.9 110.9
200 30.9 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 24.696 ng
RT: 13.399 min Scan# 1721
Delta R.T. 0.005 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:196 Resp: 80710
Ion Ratio Lower Upper
196 100
198 93.4 76.1 114.1
97 46.3 34.2 51.4
132 25.2 19.9 29.9

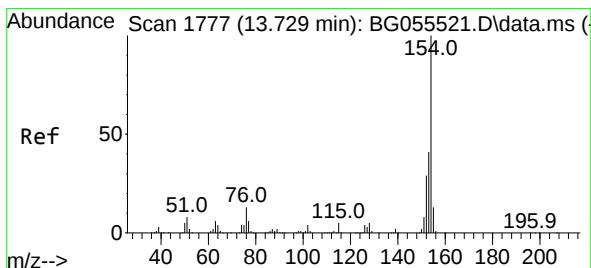
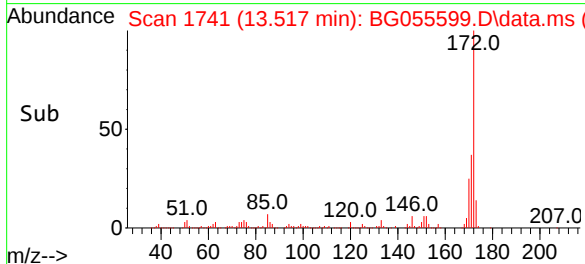
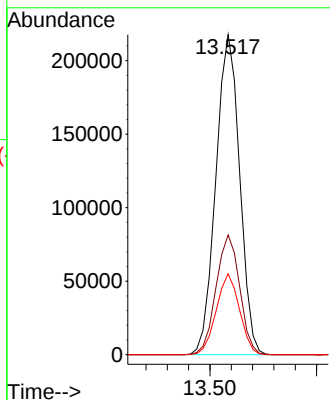
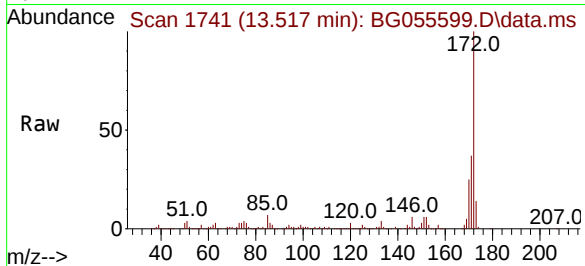




#45
2-Fluorobiphenyl
Concen: 31.262 ng
RT: 13.517 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

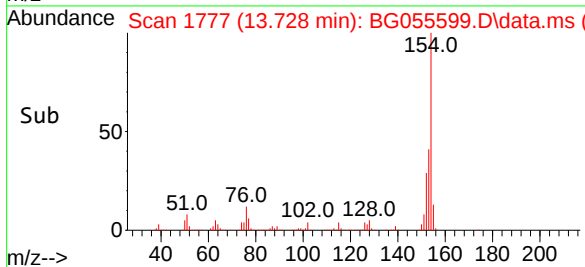
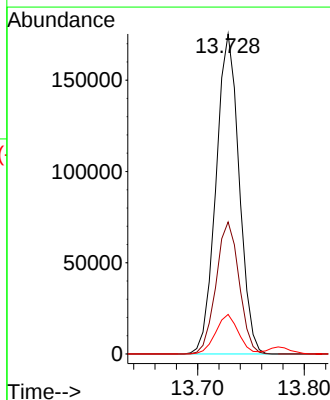
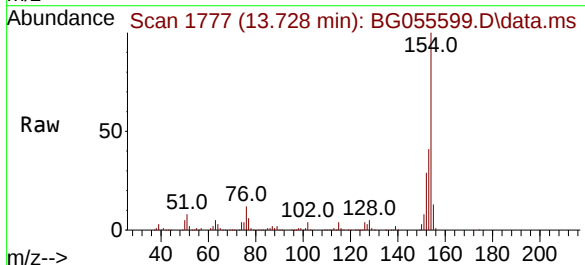
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

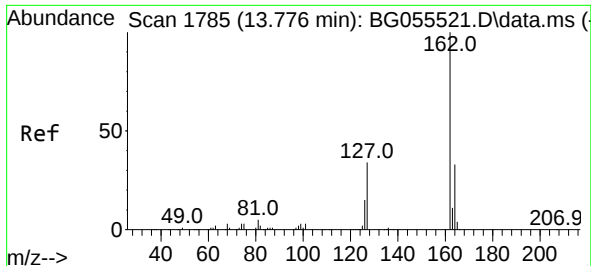
Tgt Ion:172 Resp: 336862
Ion Ratio Lower Upper
172 100
171 37.4 29.7 44.5
170 25.3 19.8 29.6



#46
1,1'-Biphenyl
Concen: 22.147 ng
RT: 13.728 min Scan# 1777
Delta R.T. -0.001 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:154 Resp: 263343
Ion Ratio Lower Upper
154 100
153 41.2 20.9 60.9
76 12.4 0.0 32.7

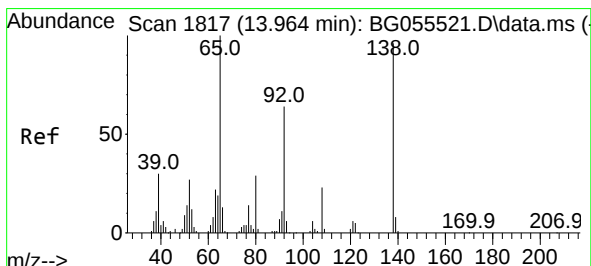
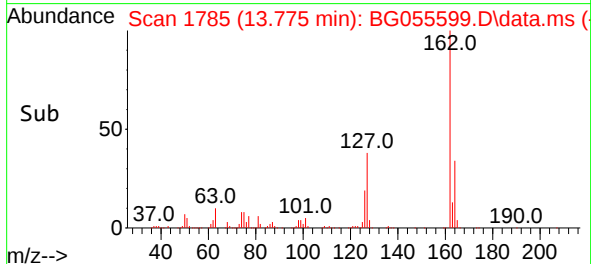
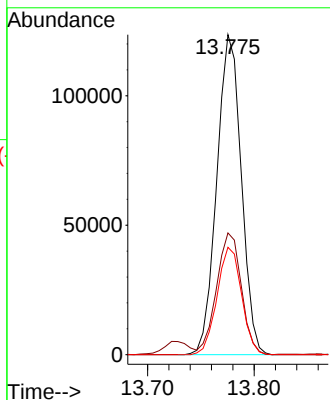
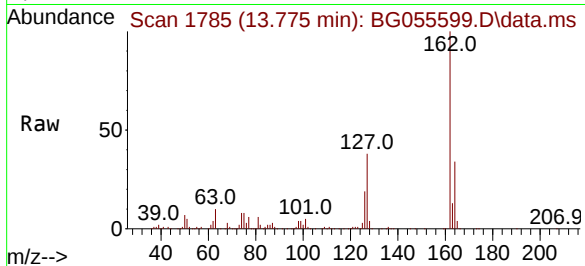




#47
2-Chloronaphthalene
Concen: 21.443 ng
RT: 13.775 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

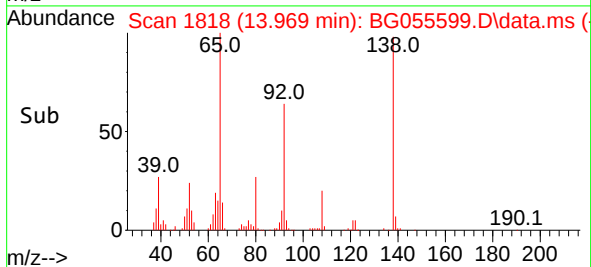
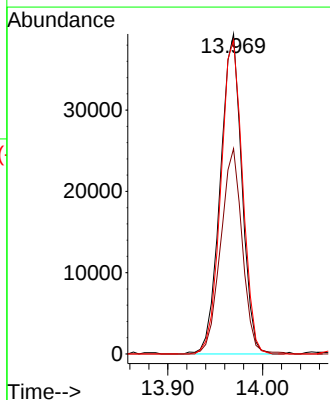
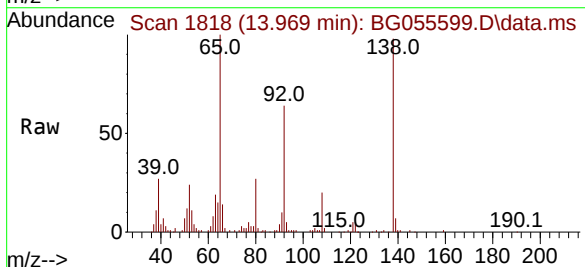
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

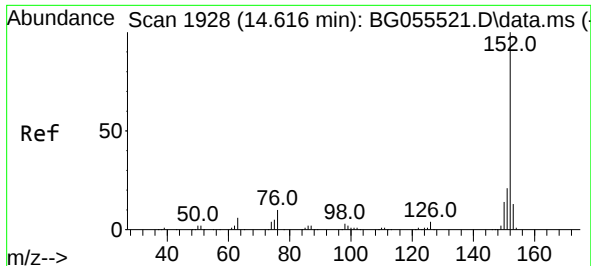
Tgt Ion:162 Resp: 196936
Ion Ratio Lower Upper
162 100
127 38.0 30.9 46.3
164 33.6 26.8 40.2



#48
2-Nitroaniline
Concen: 27.930 ng
RT: 13.969 min Scan# 1818
Delta R.T. 0.005 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion: 65 Resp: 62007
Ion Ratio Lower Upper
65 100
92 64.2 51.6 77.4
138 98.0 77.0 115.4

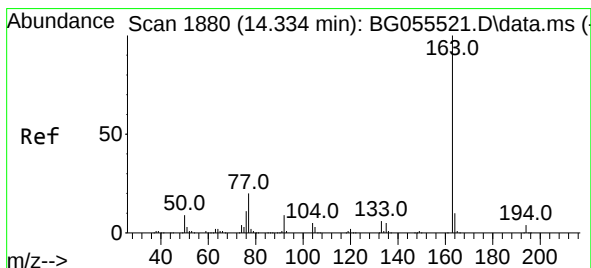
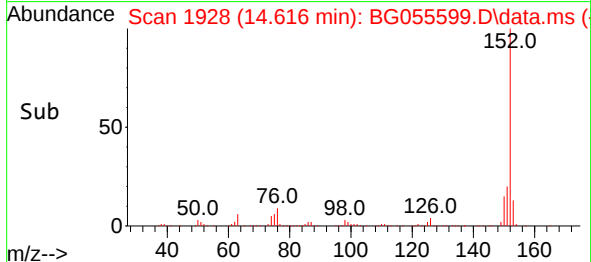
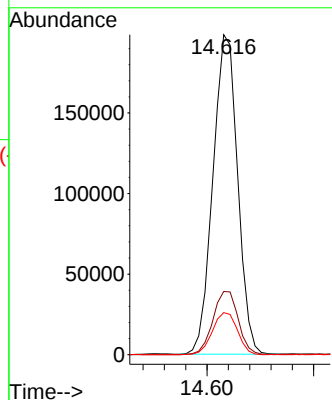
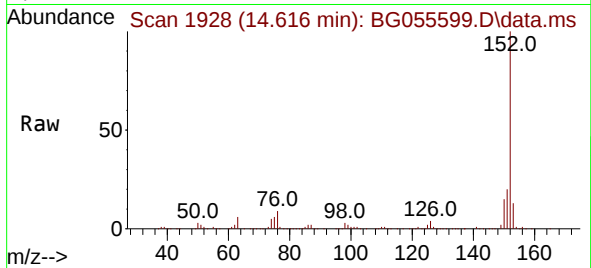




#49
Acenaphthylene
Concen: 20.959 ng
RT: 14.616 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

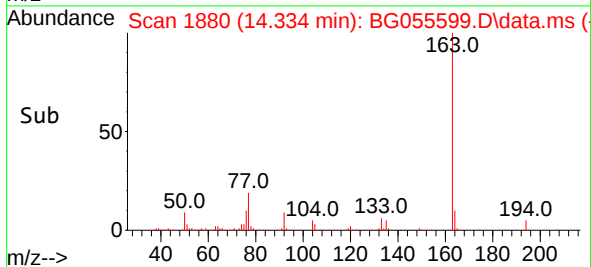
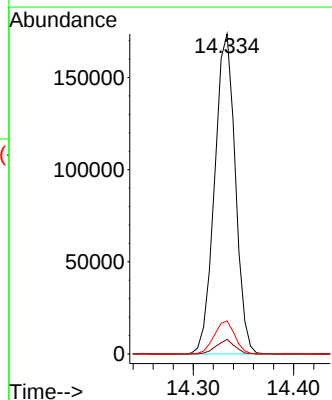
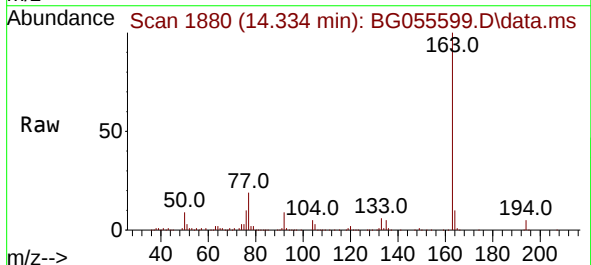
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

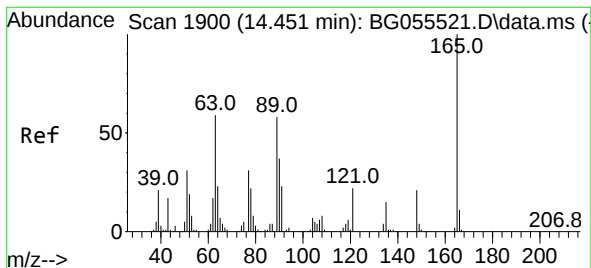
Tgt Ion:152 Resp: 318515
Ion Ratio Lower Upper
152 100
151 19.7 16.4 24.6
153 13.2 10.6 16.0



#50
Dimethylphthalate
Concen: 20.085 ng
RT: 14.334 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:163 Resp: 248064
Ion Ratio Lower Upper
163 100
194 4.6 3.1 4.7
164 10.3 8.2 12.4

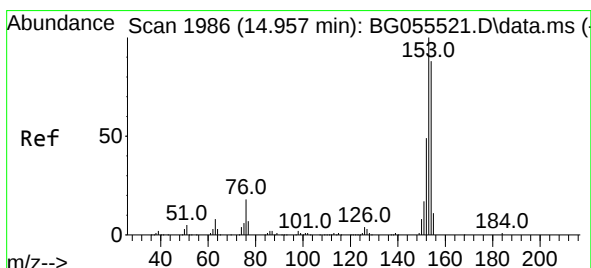
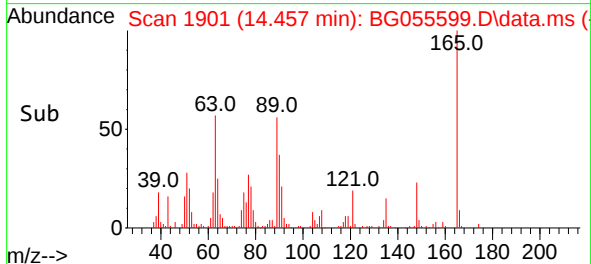
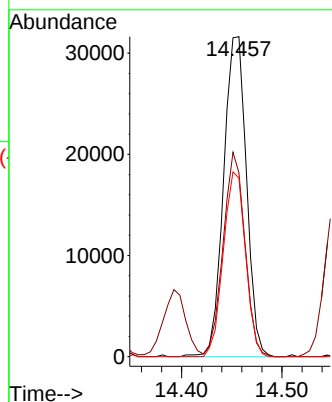
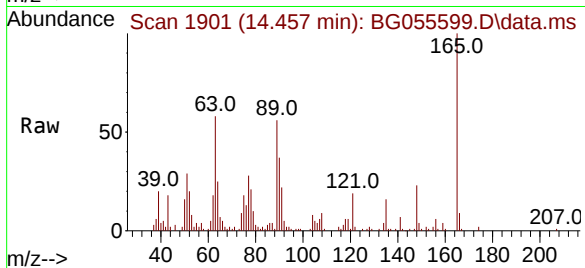




#51
2,6-Dinitrotoluene
Concen: 24.691 ng
RT: 14.457 min Scan# 1900
Delta R.T. 0.006 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

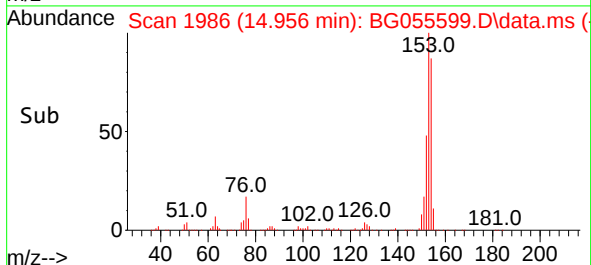
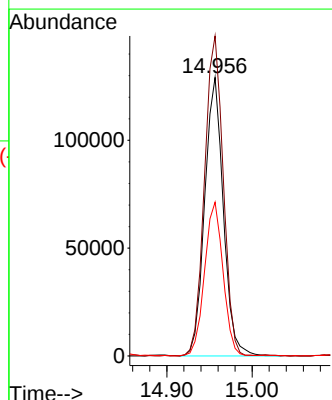
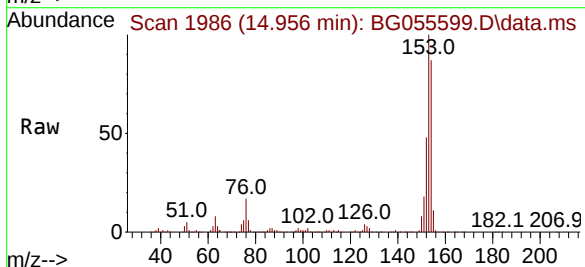
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

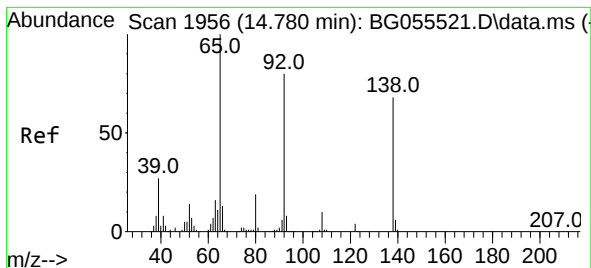
Tgt Ion:165 Resp: 50049
Ion Ratio Lower Upper
165 100
63 57.5 50.1 75.1
89 55.8 46.5 69.7



#52
Acenaphthene
Concen: 20.712 ng
RT: 14.956 min Scan# 1986
Delta R.T. -0.001 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:154 Resp: 196493
Ion Ratio Lower Upper
154 100
153 114.9 91.4 137.0
152 55.2 44.5 66.7

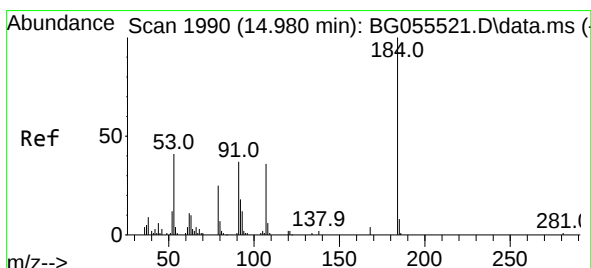
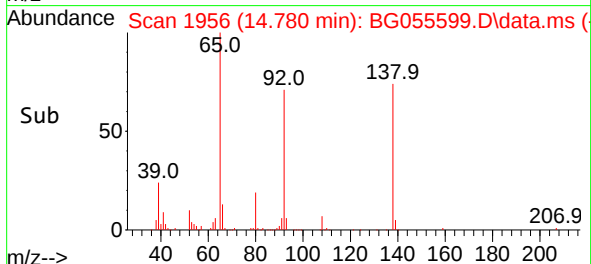
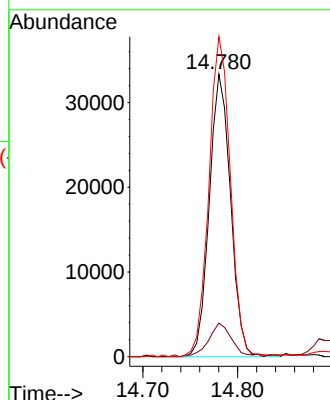
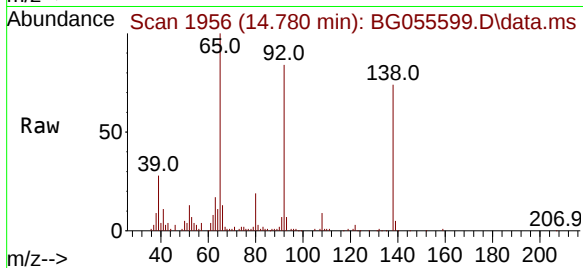




#53
3-Nitroaniline
Concen: 22.109 ng
RT: 14.780 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

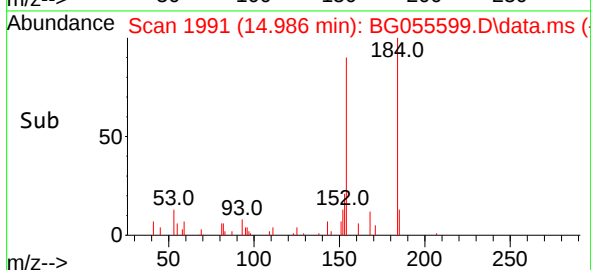
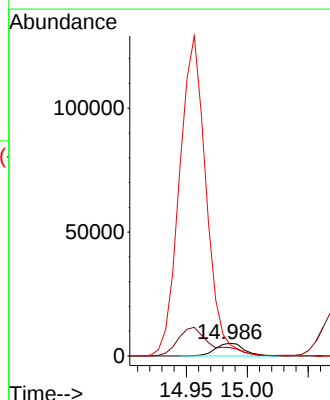
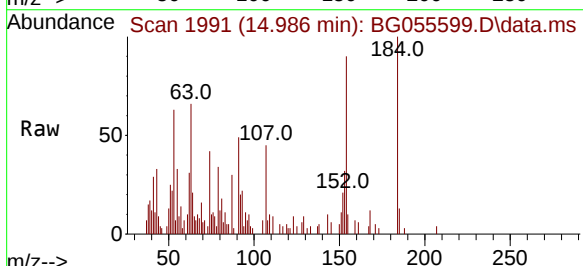
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

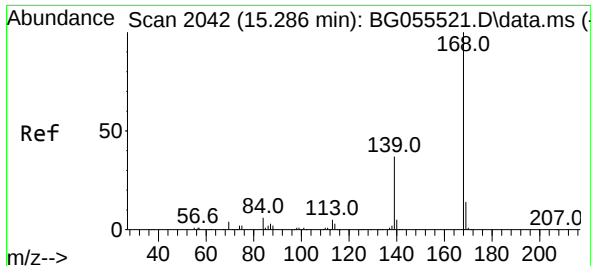
Tgt Ion:138 Resp: 52011
Ion Ratio Lower Upper
138 100
108 11.9 11.7 17.5
92 113.3 94.3 141.5



#54
2,4-Dinitrophenol
Concen: 10.881 ng
RT: 14.986 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:184 Resp: 8356
Ion Ratio Lower Upper
184 100
63 65.6 43.8 65.8
154 89.7 77.2 115.8

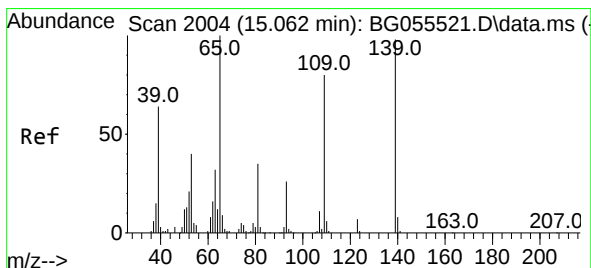
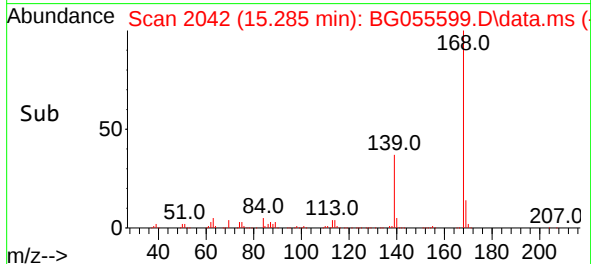
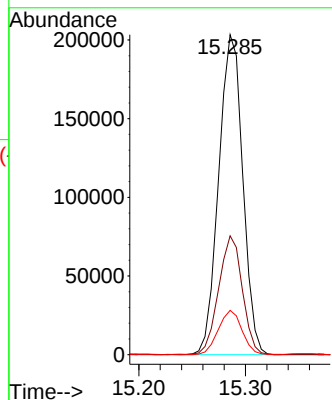
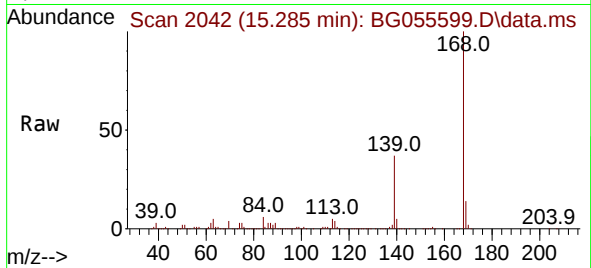




#55
Dibenzenofuran
Concen: 20.983 ng
RT: 15.285 min Scan# 2042
Delta R.T. -0.001 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

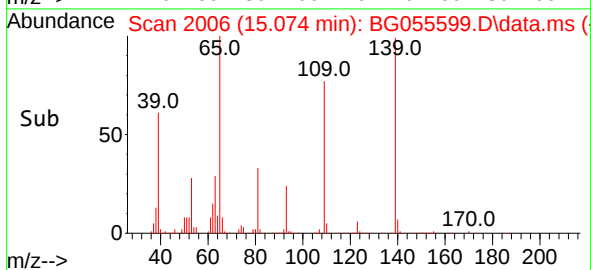
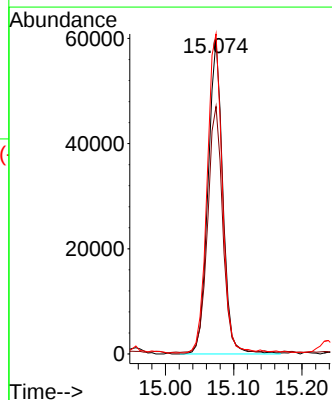
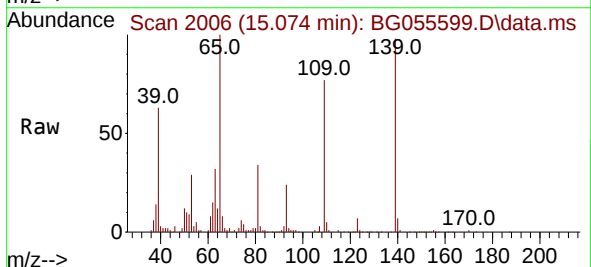
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

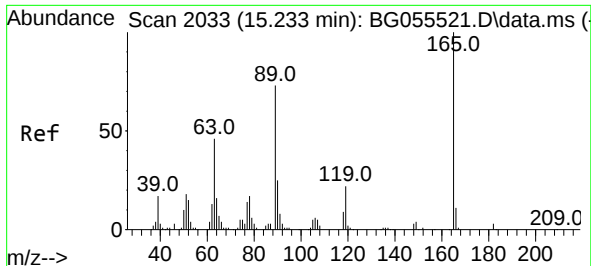
Tgt Ion:168 Resp: 318257
Ion Ratio Lower Upper
168 100
139 37.2 29.4 44.2
169 13.9 11.1 16.7



#56
4-Nitrophenol
Concen: 49.358 ng
RT: 15.074 min Scan# 2006
Delta R.T. 0.012 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:139 Resp: 90267
Ion Ratio Lower Upper
139 100
109 78.7 61.8 101.8
65 101.7 82.9 122.9





#57

2,4-Dinitrotoluene

Concen: 25.218 ng

RT: 15.238 min Scan# 2033

Delta R.T. 0.005 min

Lab File: BG055599.D

Acq: 12 Nov 2022 21:33

Instrument :

BNA_G

ClientSampleId :

NB-08-111022MSD

Tgt Ion:165 Resp: 66985

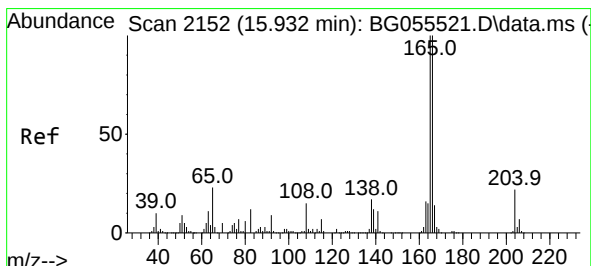
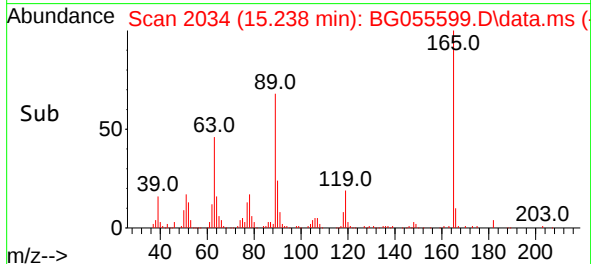
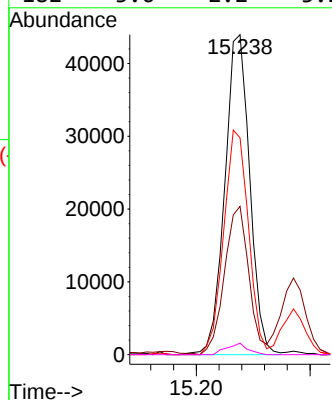
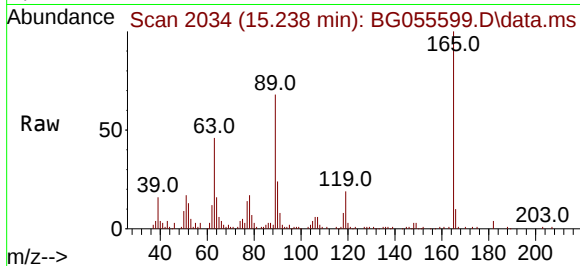
Ion Ratio Lower Upper

165 100

63 46.4 37.0 55.4

89 67.7 58.6 87.8

182 3.6 2.2 3.2#



#58

Fluorene

Concen: 21.307 ng

RT: 15.932 min Scan# 2152

Delta R.T. -0.000 min

Lab File: BG055599.D

Acq: 12 Nov 2022 21:33

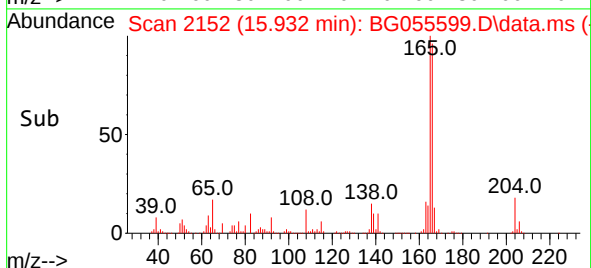
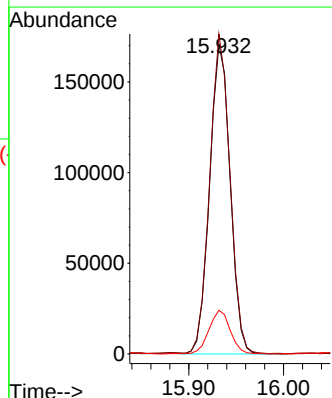
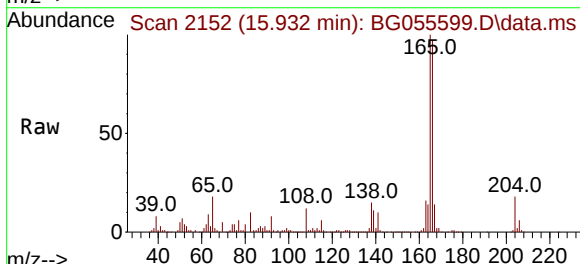
Tgt Ion:166 Resp: 257103

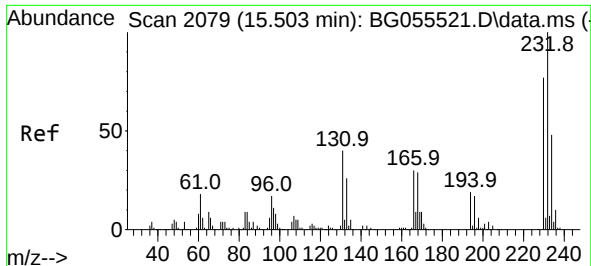
Ion Ratio Lower Upper

166 100

165 103.3 80.2 120.2

167 14.1 11.2 16.8

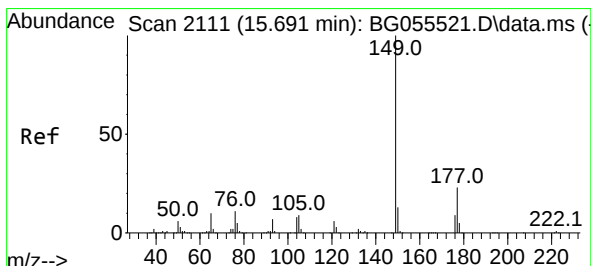
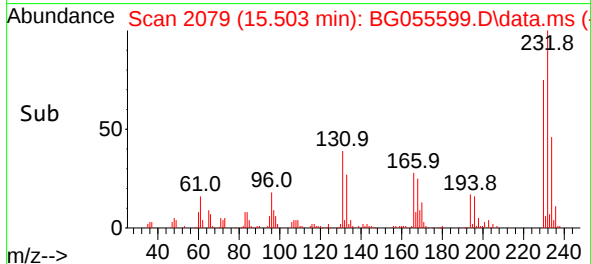
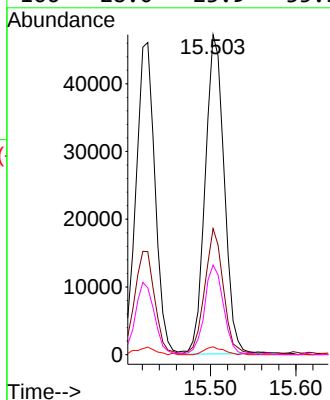
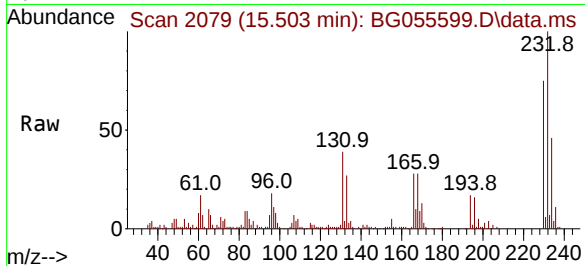




#59
2,3,4,6-Tetrachlorophenol
Concen: 24.112 ng
RT: 15.503 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

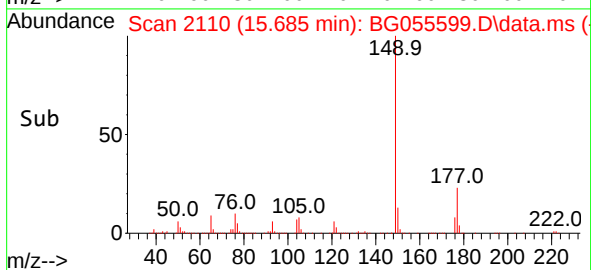
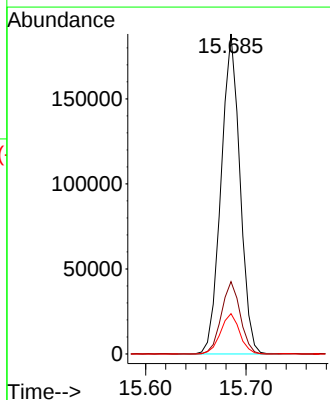
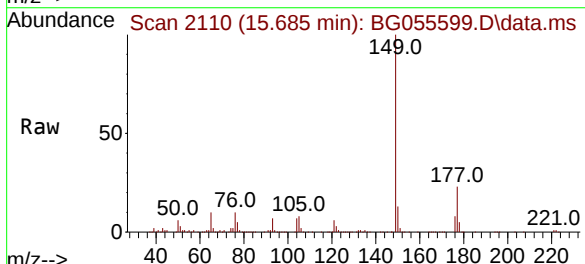
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

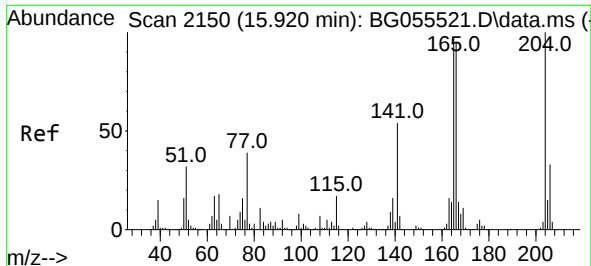
Tgt Ion:	232	Resp:	73038
Ion Ratio	Lower	Upper	
232	100		
131	37.7	31.8	47.8
130	2.5	1.7	2.5
166	28.0	23.9	35.9



#60
Diethylphthalate
Concen: 19.542 ng
RT: 15.685 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:	149	Resp:	245533
Ion Ratio	Lower	Upper	
149	100		
177	22.6	18.6	27.8
150	12.6	10.2	15.2

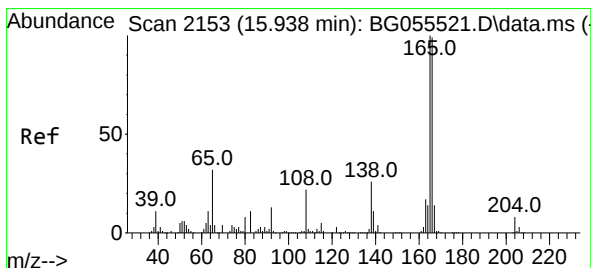
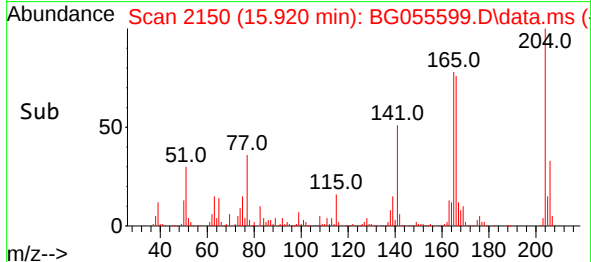
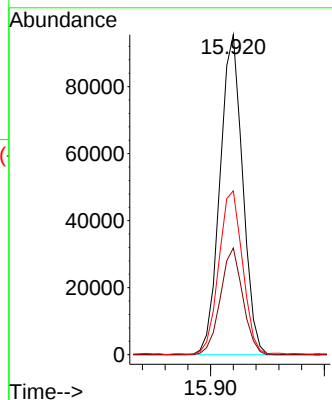
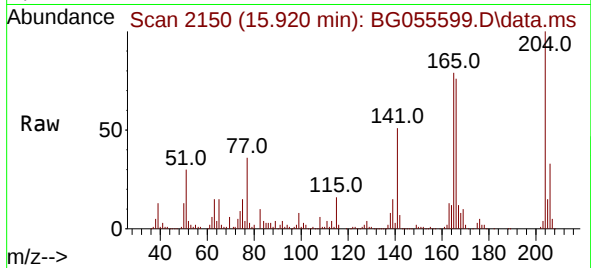




#61
4-Chlorophenyl-phenylether
Concen: 20.615 ng
RT: 15.920 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

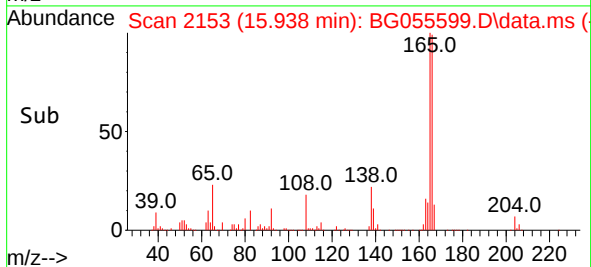
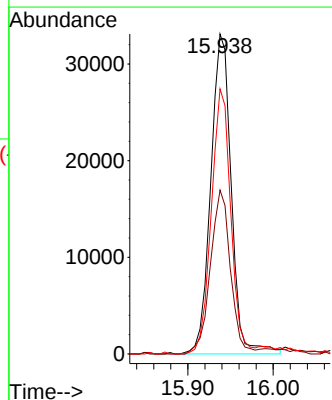
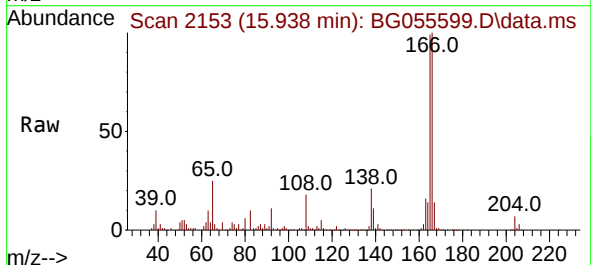
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

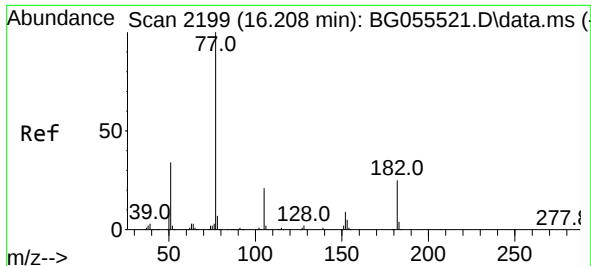
Tgt Ion:204 Resp: 132314
Ion Ratio Lower Upper
204 100
206 33.4 26.8 40.2
141 51.2 43.1 64.7



#62
4-Nitroaniline
Concen: 22.548 ng
RT: 15.938 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:138 Resp: 55212
Ion Ratio Lower Upper
138 100
92 51.2 30.6 70.6
108 82.9 64.0 104.0

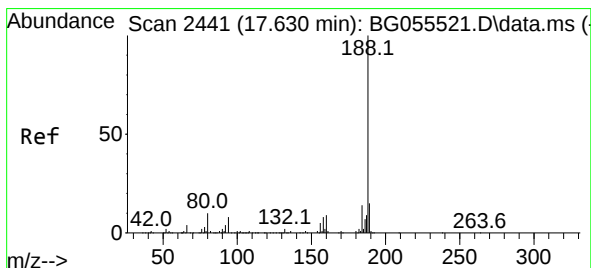
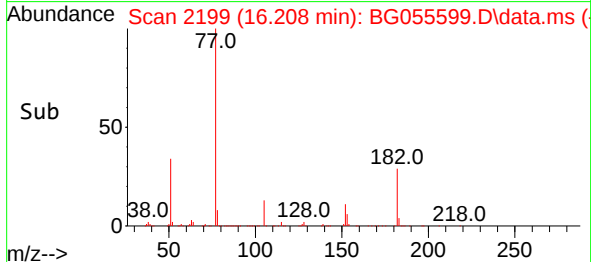
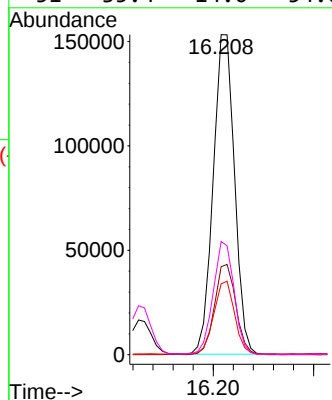
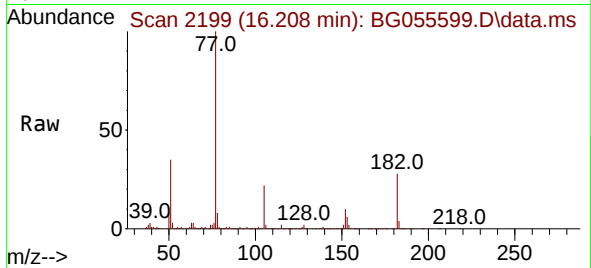




#63
Azobenzene
Concen: 18.556 ng
RT: 16.208 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

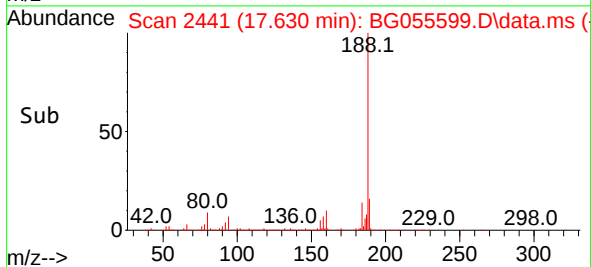
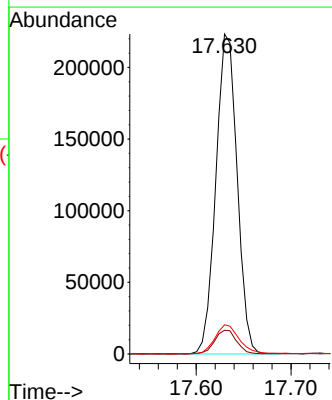
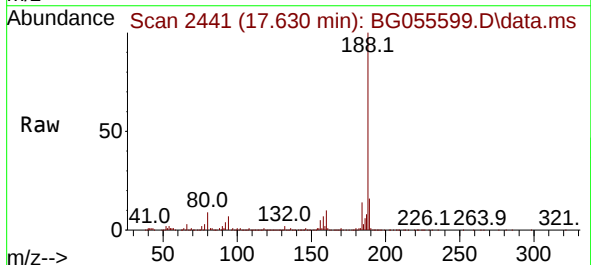
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

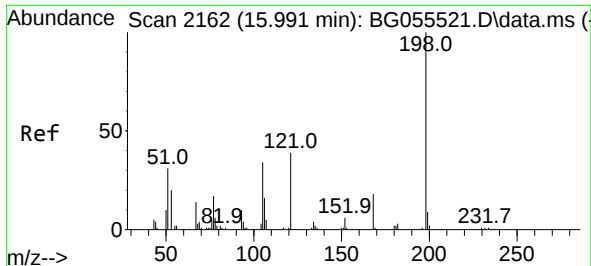
Tgt Ion: 77	Resp: 225980
Ion Ratio	Lower Upper
77 100	
182 27.5	4.6 44.6
105 22.2	1.2 41.2
51 35.4	14.0 54.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:188	Resp: 348300
Ion Ratio	Lower Upper
188 100	
94 7.4	6.4 9.6
80 9.1	7.6 11.4

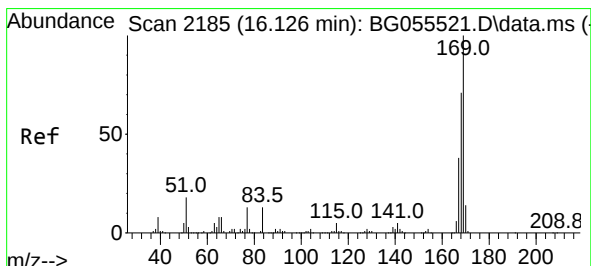
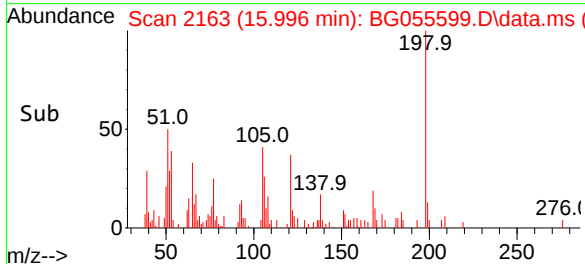
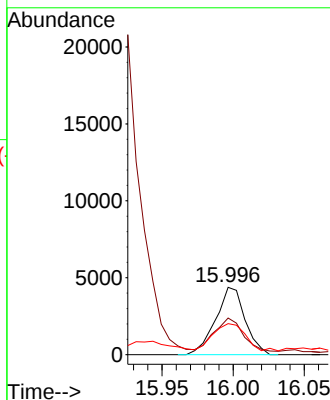
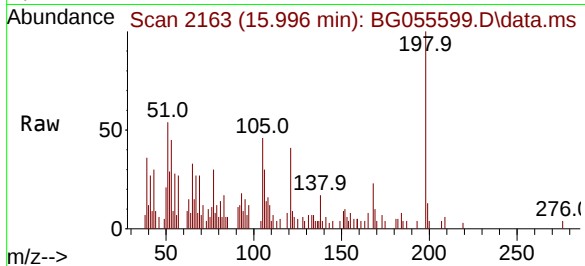




#65
4,6-Dinitro-2-methylphenol
Concen: 9.098 ng
RT: 15.996 min Scan# 2163
Delta R.T. 0.005 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

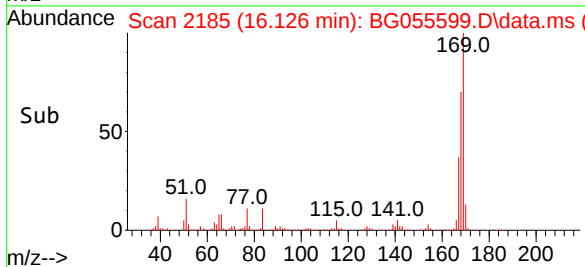
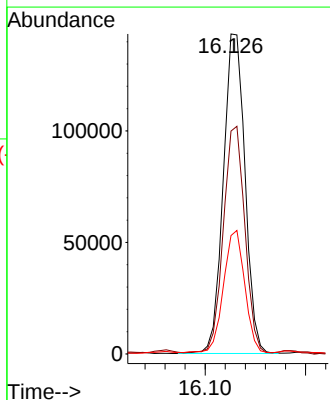
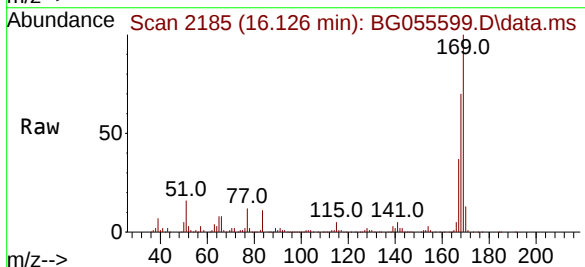
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

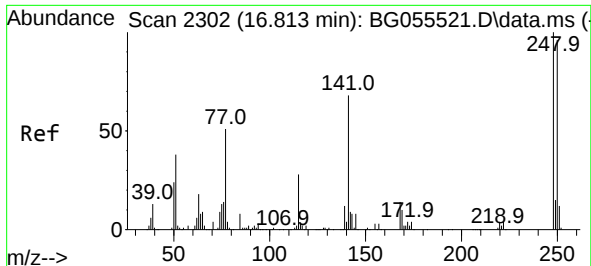
Tgt Ion:198 Resp: 6305
Ion Ratio Lower Upper
198 100
51 54.3 24.7 64.7
105 46.1 17.6 57.6



#66
n-Nitrosodiphenylamine
Concen: 22.079 ng
RT: 16.126 min Scan# 2185
Delta R.T. -0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:169 Resp: 215435
Ion Ratio Lower Upper
169 100
168 69.6 57.0 85.4
167 37.0 30.2 45.2

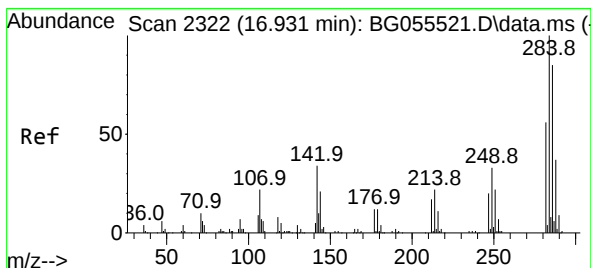
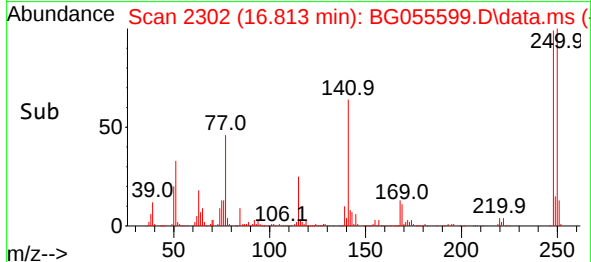
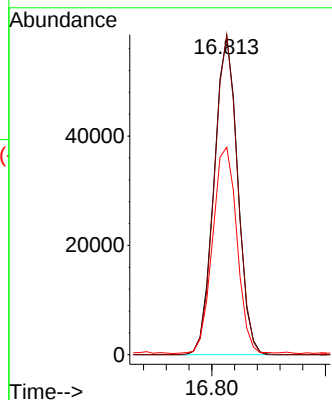
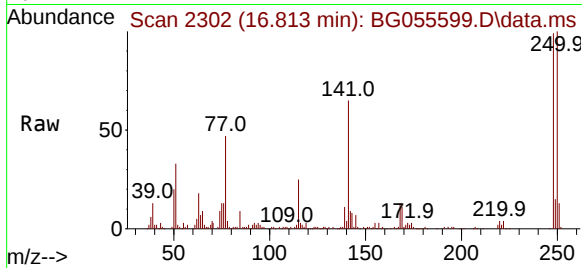




#67
4-Bromophenyl-phenylether
Concen: 23.677 ng
RT: 16.813 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

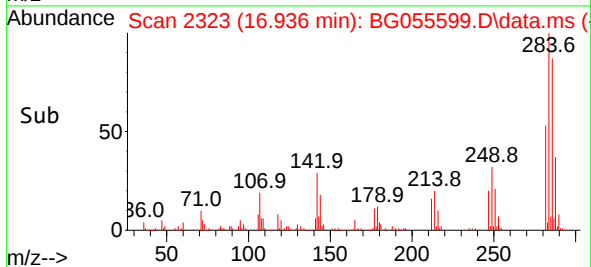
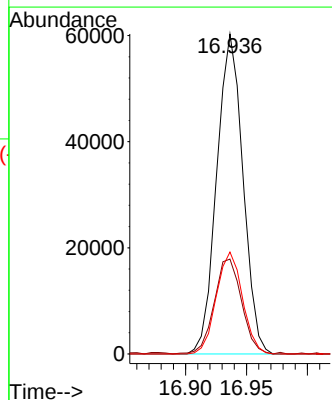
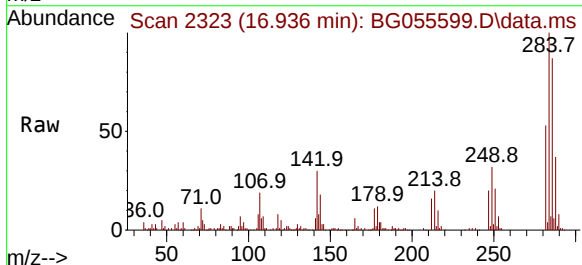
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

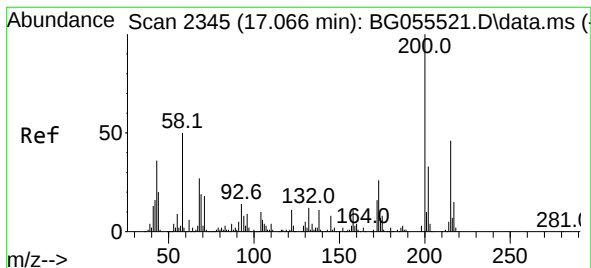
Tgt Ion:248 Resp: 84131
Ion Ratio Lower Upper
248 100
250 100.6 76.9 115.3
141 65.3 54.3 81.5



#68
Hexachlorobenzene
Concen: 21.316 ng
RT: 16.936 min Scan# 2323
Delta R.T. 0.005 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:284 Resp: 90045
Ion Ratio Lower Upper
284 100
142 29.7 27.2 40.8
249 31.9 26.6 39.8





#69

Atrazine

Concen: 24.340 ng

RT: 17.066 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG055599.D

Acq: 12 Nov 2022 21:33

Instrument :

BNA_G

ClientSampleId :

NB-08-111022MSD

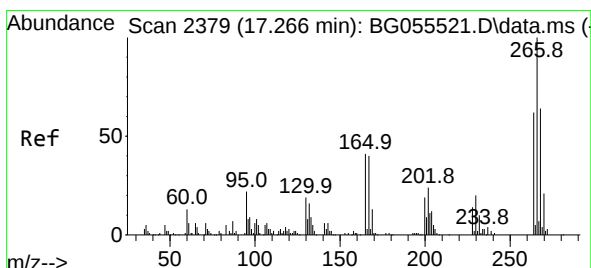
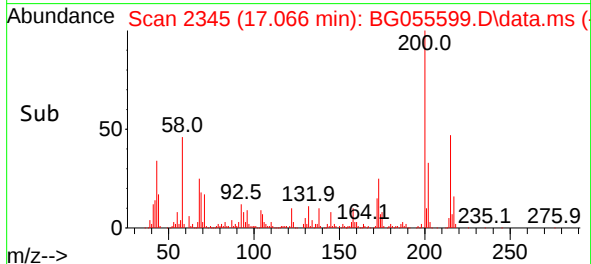
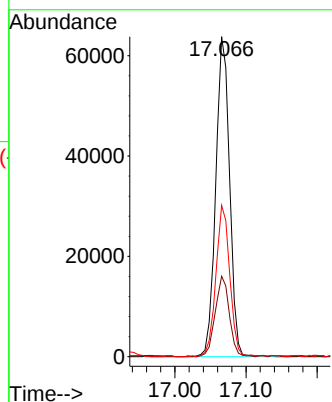
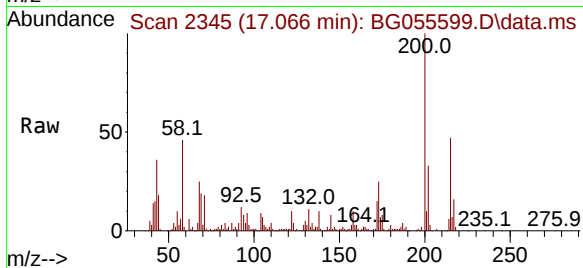
Tgt Ion:200 Resp: 85947

Ion Ratio Lower Upper

200 100

173 25.2 6.3 46.3

215 47.3 26.4 66.4



#70

Pentachlorophenol

Concen: 47.870 ng

RT: 17.277 min Scan# 2381

Delta R.T. 0.011 min

Lab File: BG055599.D

Acq: 12 Nov 2022 21:33

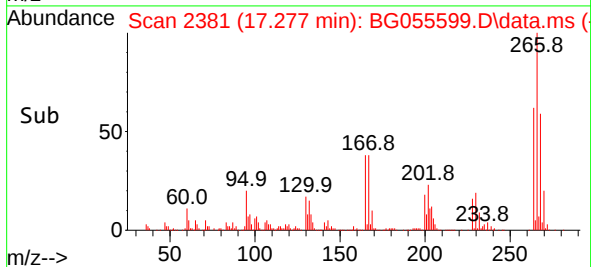
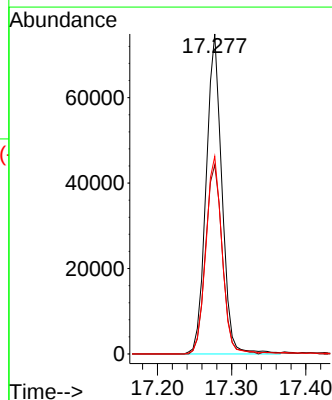
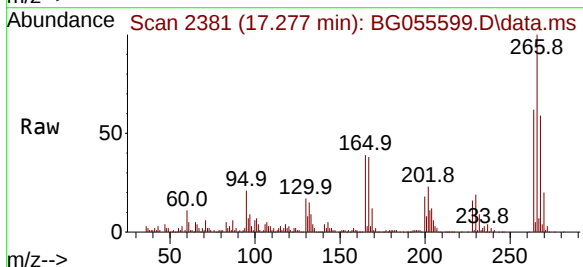
Tgt Ion:266 Resp: 110787

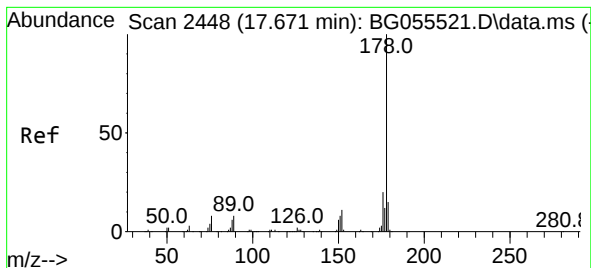
Ion Ratio Lower Upper

266 100

268 59.1 51.4 77.0

264 61.7 49.5 74.3





#71

Phenanthrene

Concen: 26.684 ng

RT: 17.677 min Scan# 2449

Delta R.T. 0.006 min

Lab File: BG055599.D

Acq: 12 Nov 2022 21:33

Instrument :

BNA_G

ClientSampleId :

NB-08-111022MSD

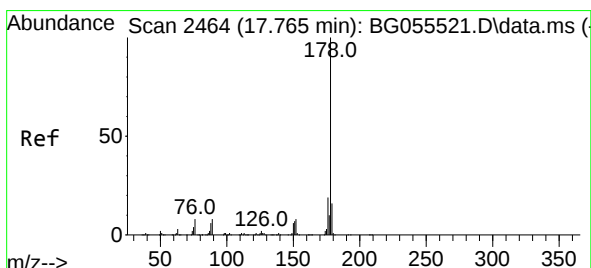
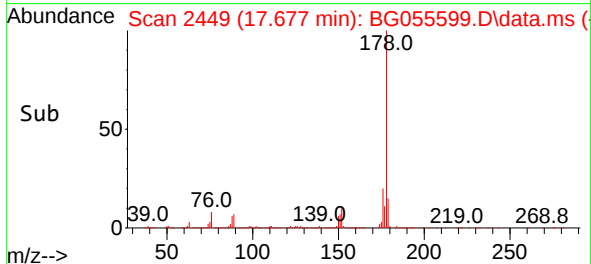
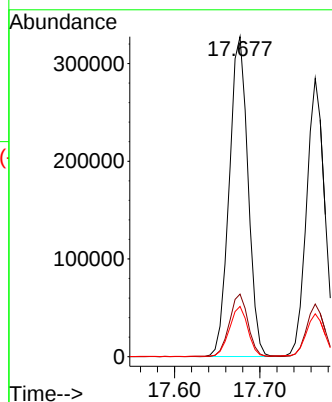
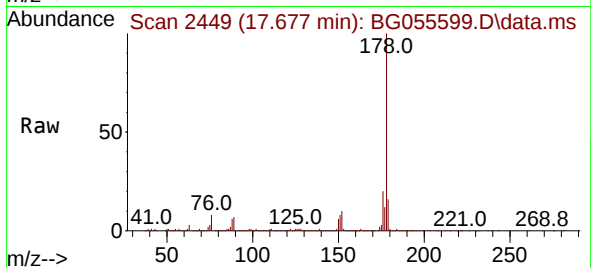
Tgt Ion:178 Resp: 499494

Ion Ratio Lower Upper

178 100

176 19.5 16.1 24.1

179 15.7 12.2 18.4



#72

Anthracene

Concen: 22.600 ng

RT: 17.765 min Scan# 2464

Delta R.T. -0.000 min

Lab File: BG055599.D

Acq: 12 Nov 2022 21:33

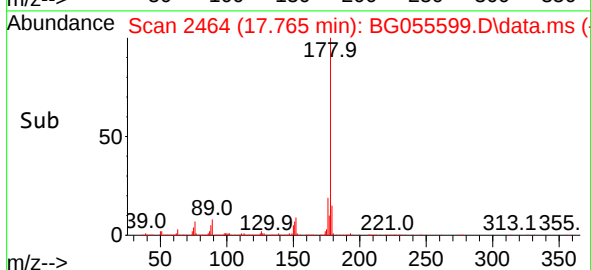
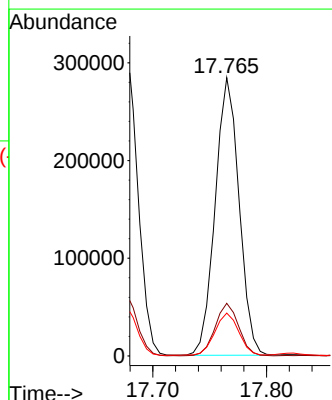
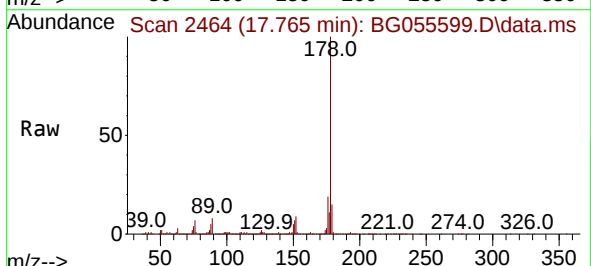
Tgt Ion:178 Resp: 414587

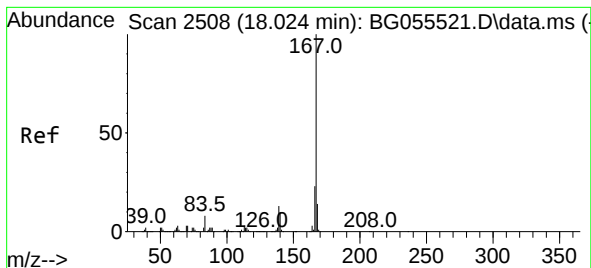
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 15.4 13.0 19.4





#73

Carbazole

Concen: 21.233 ng

RT: 18.029 min Scan# 2

Delta R.T. 0.005 min

Lab File: BG055599.D

Acq: 12 Nov 2022 21:33

Instrument :

BNA_G

ClientSampleId :

NB-08-111022MSD

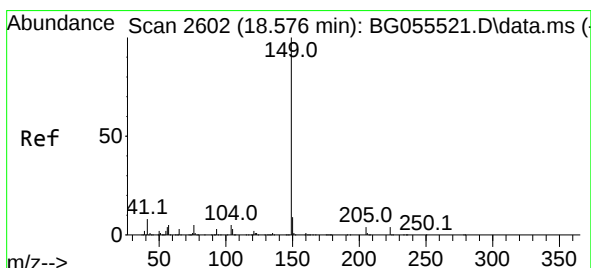
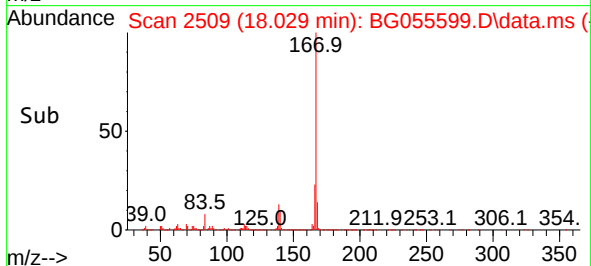
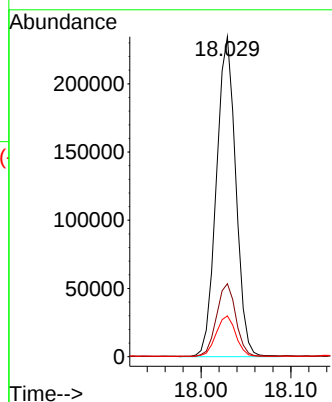
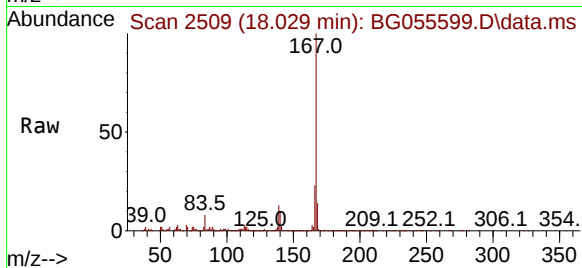
Tgt Ion:167 Resp: 352024

Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.4

139 12.8 10.4 15.6



#74

Di-n-butylphthalate

Concen: 21.086 ng

RT: 18.570 min Scan# 2601

Delta R.T. -0.006 min

Lab File: BG055599.D

Acq: 12 Nov 2022 21:33

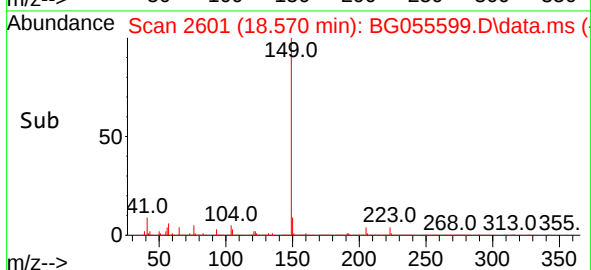
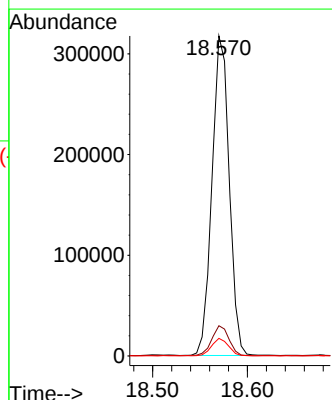
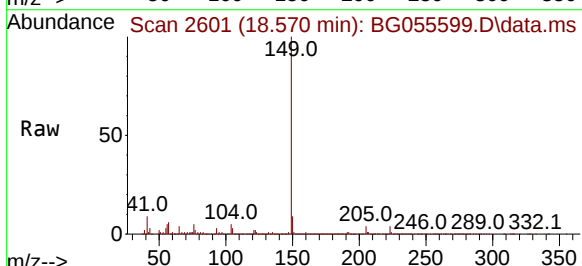
Tgt Ion:149 Resp: 400821

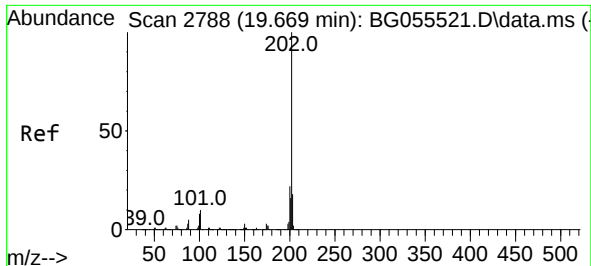
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.5 4.2 6.4

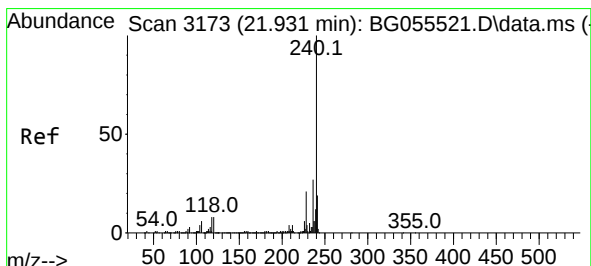
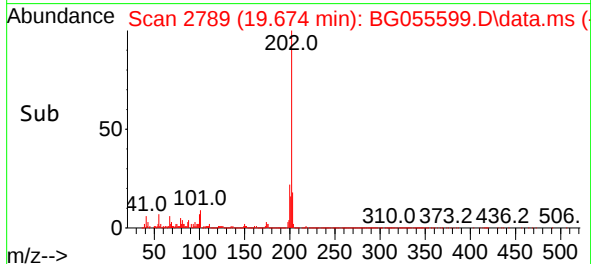
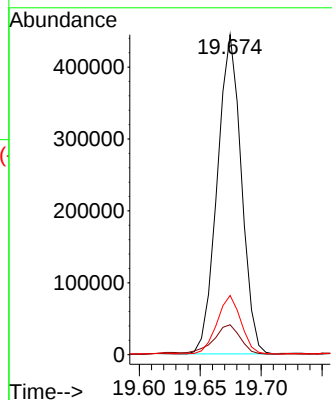
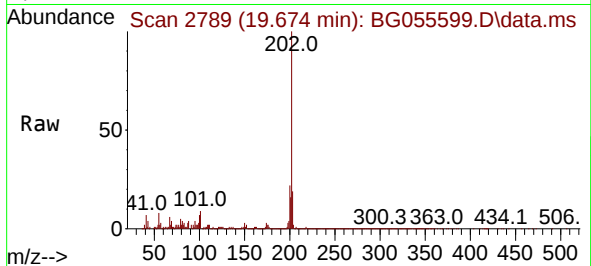




#75
Fluoranthene
Concen: 27.370 ng
RT: 19.674 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

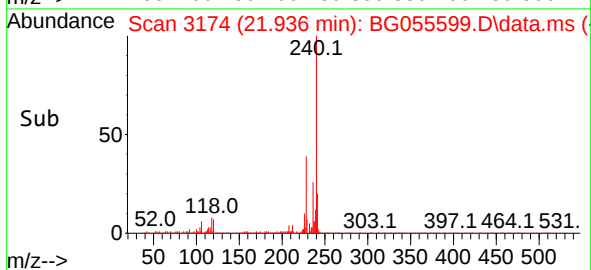
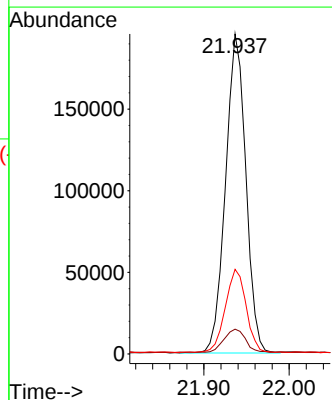
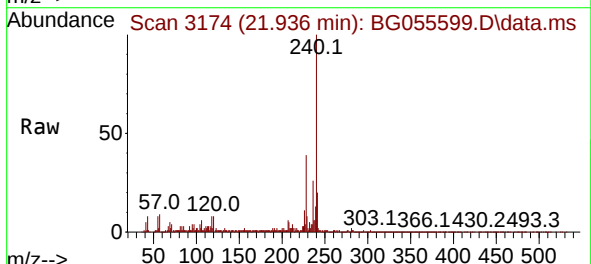
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

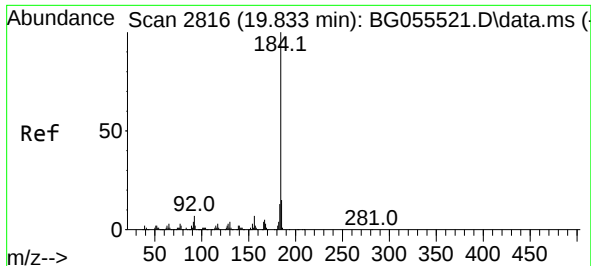
Tgt Ion:202 Resp: 610971
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.8
203 18.5 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3174
Delta R.T. 0.005 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:240 Resp: 323671
Ion Ratio Lower Upper
240 100
120 7.8 6.1 9.1
236 26.5 21.4 32.0

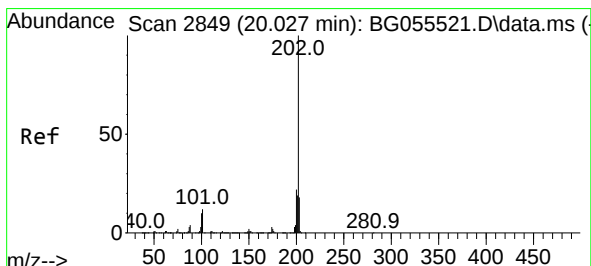
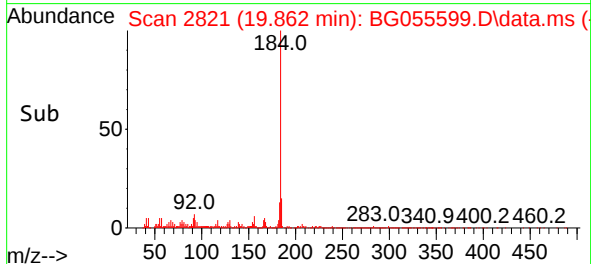
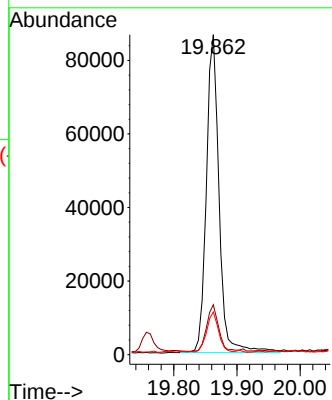
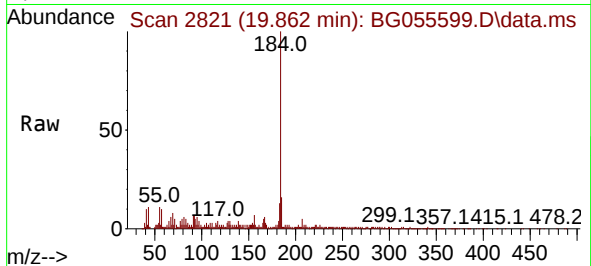




#77
Benzidine
Concen: 13.804 ng
RT: 19.862 min Scan# 2816
Delta R.T. 0.029 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

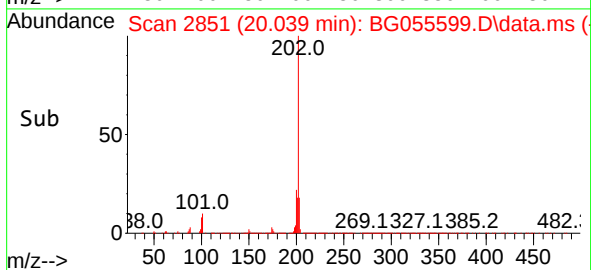
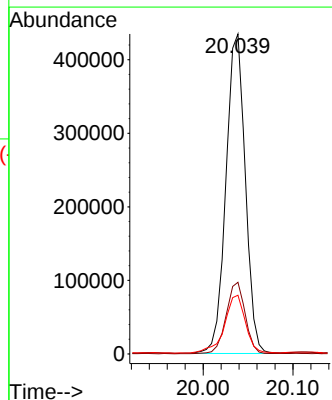
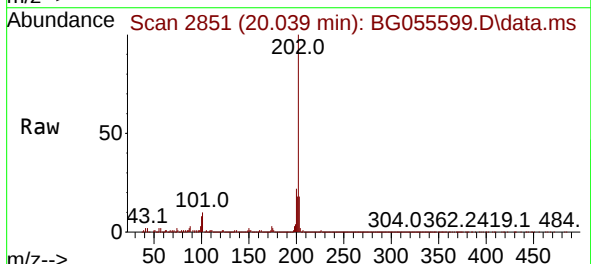
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

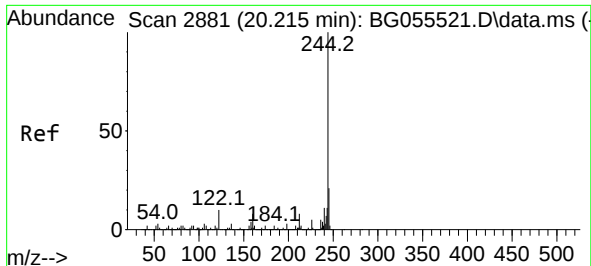
Tgt Ion:184 Resp: 120877
Ion Ratio Lower Upper
184 100
185 15.6 12.0 18.0
183 13.4 10.2 15.2



#78
Pyrene
Concen: 29.650 ng
RT: 20.039 min Scan# 2851
Delta R.T. 0.012 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:202 Resp: 649504
Ion Ratio Lower Upper
202 100
200 22.4 18.0 27.0
203 18.3 14.2 21.2

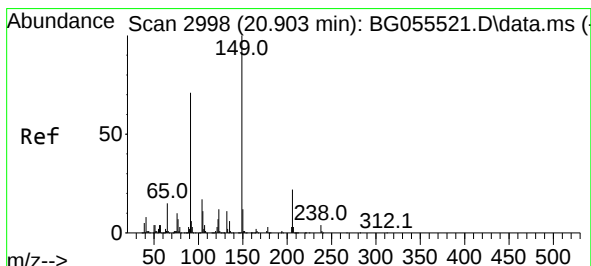
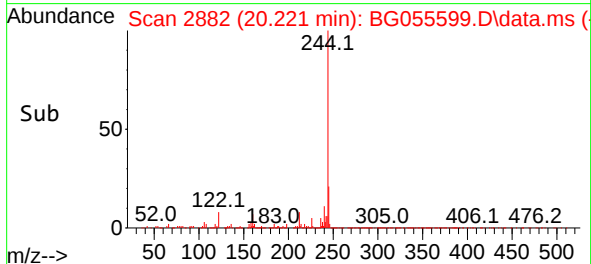
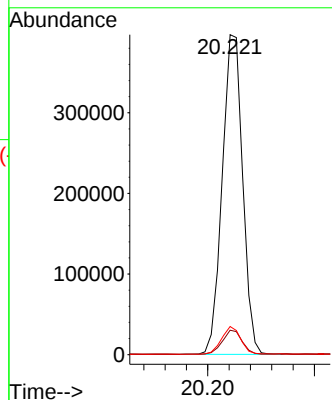
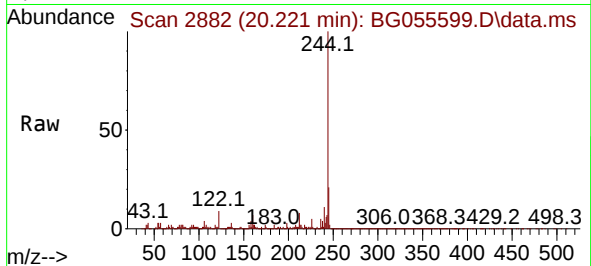




#79
 Terphenyl-d14
 Concen: 32.679 ng
 RT: 20.221 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG055599.D
 Acq: 12 Nov 2022 21:33

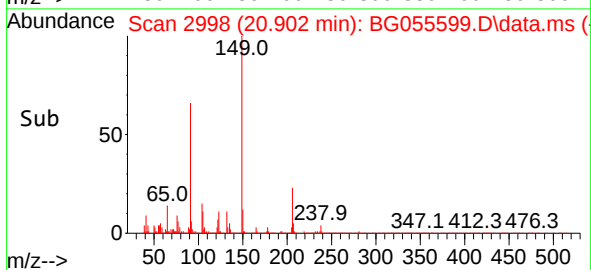
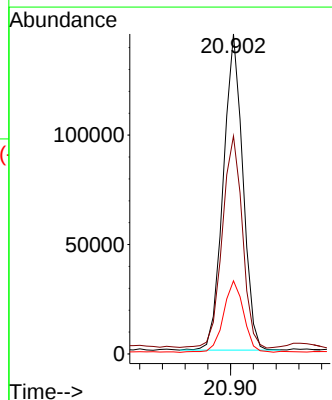
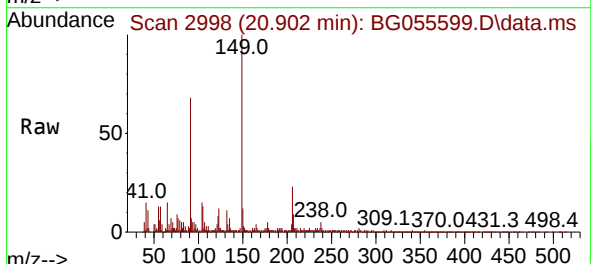
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-111022MSD

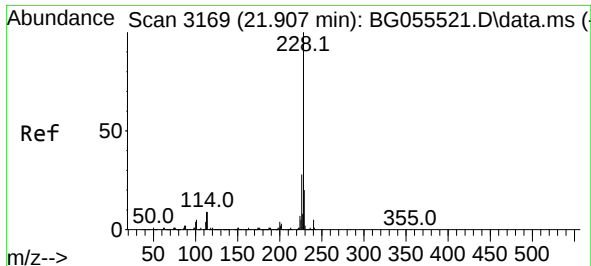
Tgt Ion:244 Resp: 526606
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 8.8 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 22.608 ng
 RT: 20.902 min Scan# 2998
 Delta R.T. -0.001 min
 Lab File: BG055599.D
 Acq: 12 Nov 2022 21:33

Tgt Ion:149 Resp: 172656
 Ion Ratio Lower Upper
 149 100
 91 68.1 56.8 85.2
 206 22.9 17.3 25.9

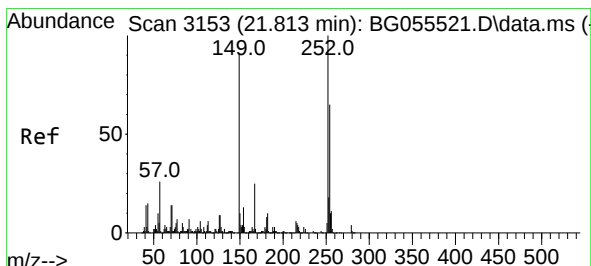
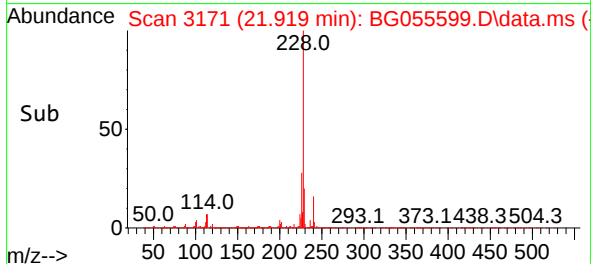
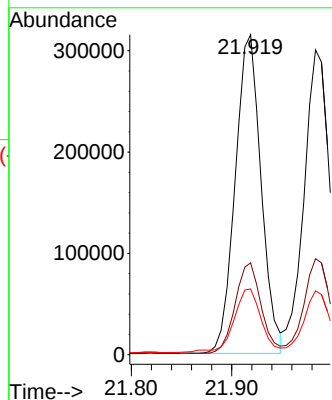
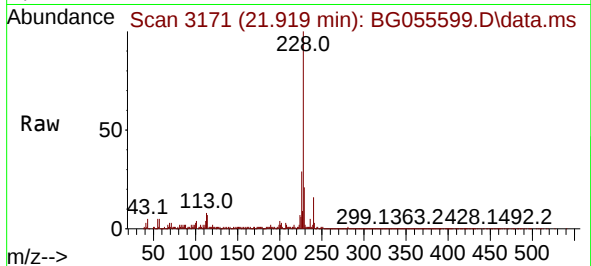




#81
Benzo(a)anthracene
Concen: 25.486 ng
RT: 21.919 min Scan# 3171
Delta R.T. 0.012 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

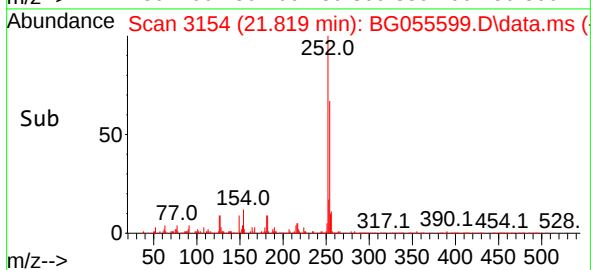
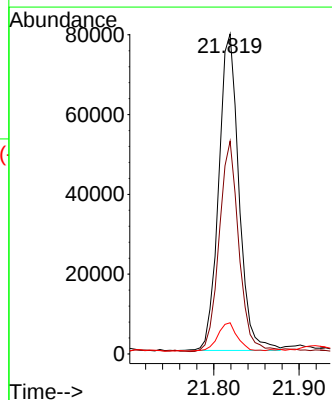
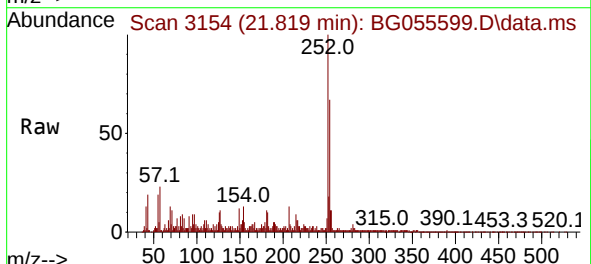
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

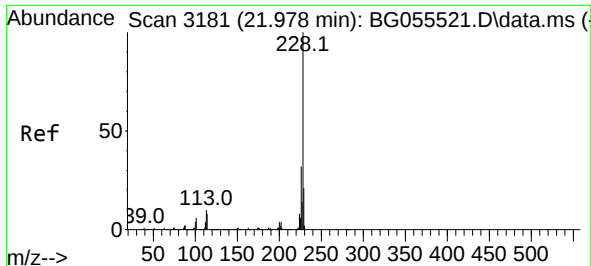
Tgt Ion:228 Resp: 565041
Ion Ratio Lower Upper
228 100
226 28.7 22.6 34.0
229 20.6 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 18.038 ng
RT: 21.819 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:252 Resp: 130518
Ion Ratio Lower Upper
252 100
254 66.5 52.2 78.2
126 9.8 6.9 10.3





#83

Chrysene

Concen: 25.344 ng

RT: 21.983 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG055599.D

Acq: 12 Nov 2022 21:33

Instrument :

BNA_G

ClientSampleId :

NB-08-111022MSD

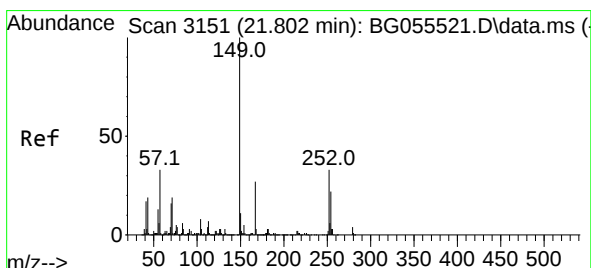
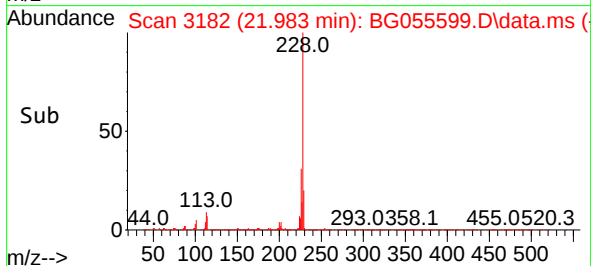
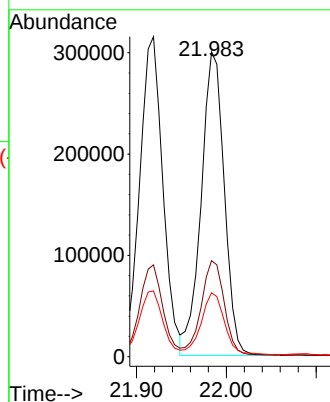
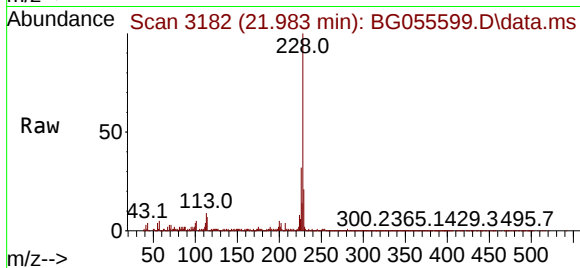
Tgt Ion:228 Resp: 534295

Ion Ratio Lower Upper

228 100

226 31.5 25.7 38.5

229 20.9 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 23.246 ng

RT: 21.795 min Scan# 3150

Delta R.T. -0.007 min

Lab File: BG055599.D

Acq: 12 Nov 2022 21:33

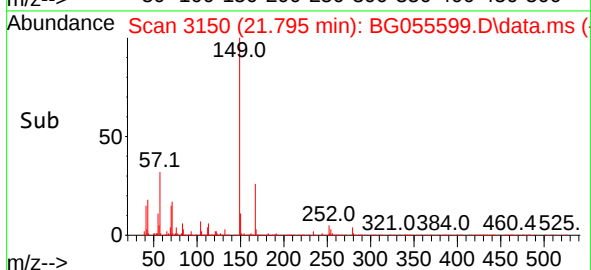
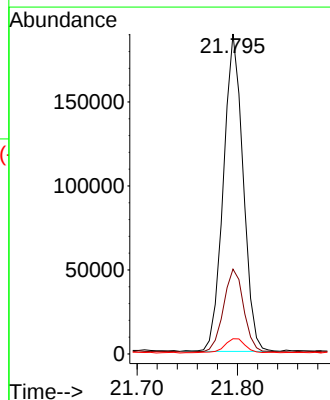
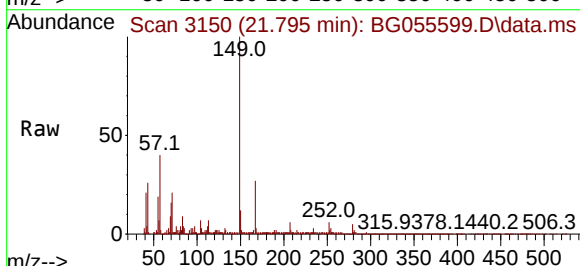
Tgt Ion:149 Resp: 257000

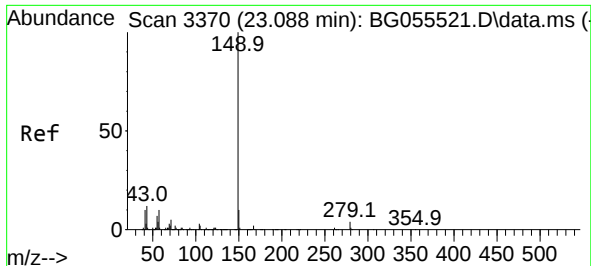
Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.2

279 4.7 3.4 5.2

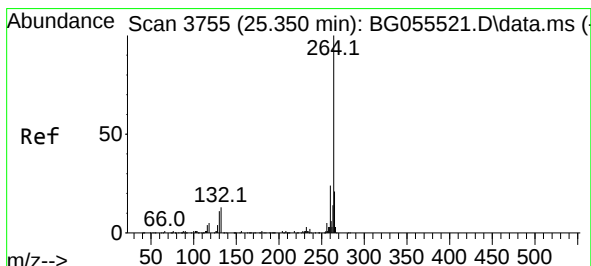
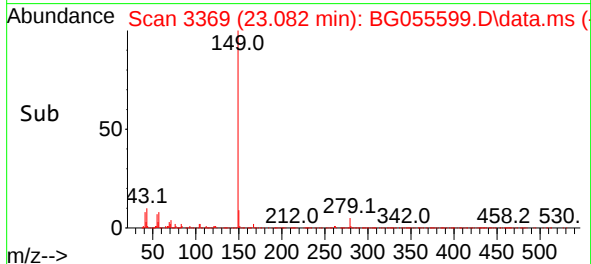
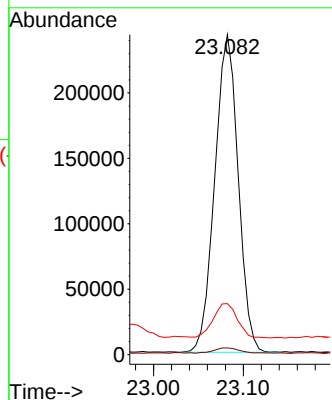
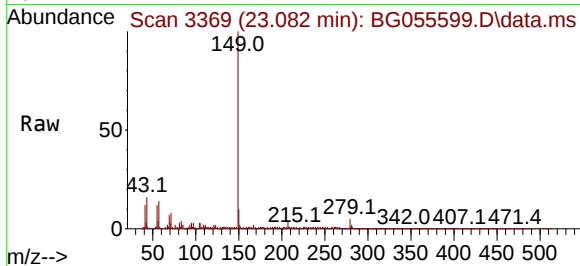




#85
Di-n-octyl phthalate
Concen: 22.979 ng
RT: 23.082 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

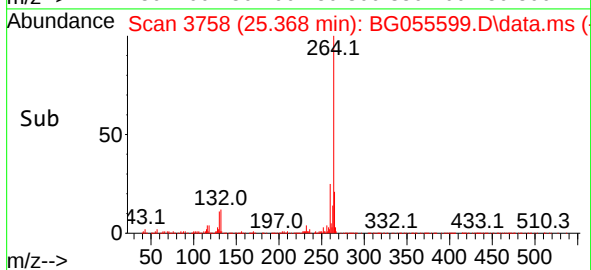
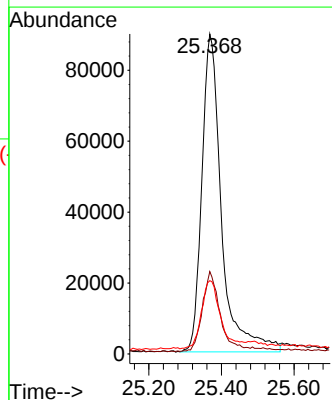
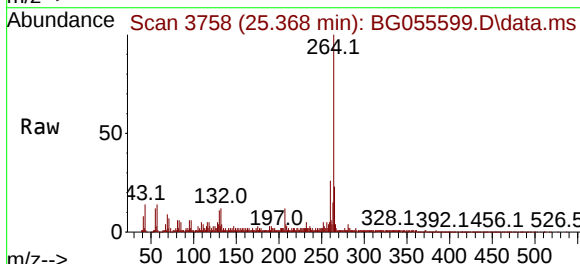
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

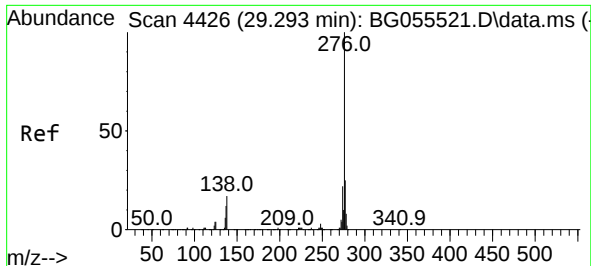
Tgt Ion:149 Resp: 439021
Ion Ratio Lower Upper
149 100
167 2.1 1.3 1.9#
43 11.1 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.368 min Scan# 3758
Delta R.T. 0.018 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:264 Resp: 336936
Ion Ratio Lower Upper
264 100
260 25.8 19.4 29.2
265 22.9 17.1 25.7

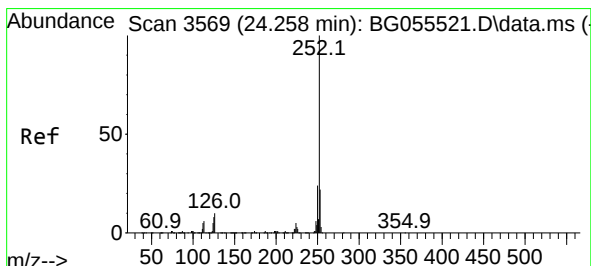
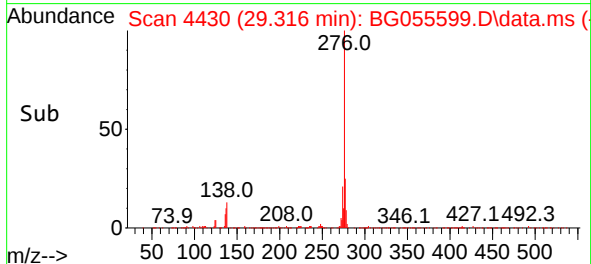
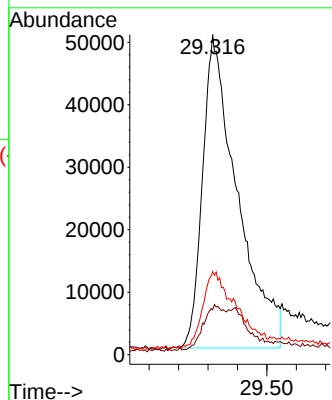
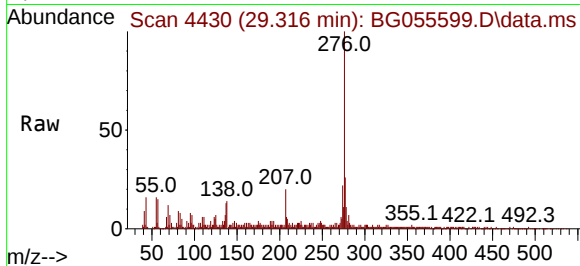




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 15.975 ng
 RT: 29.316 min Scan# 4426
 Delta R.T. 0.023 min
 Lab File: BG055599.D
 Acq: 12 Nov 2022 21:33

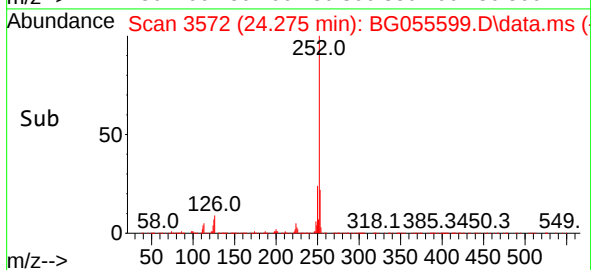
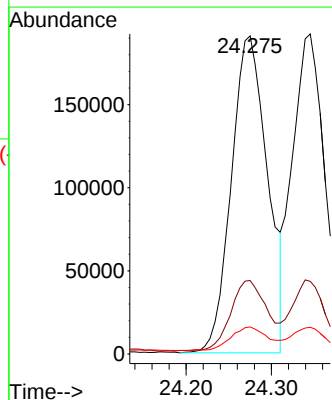
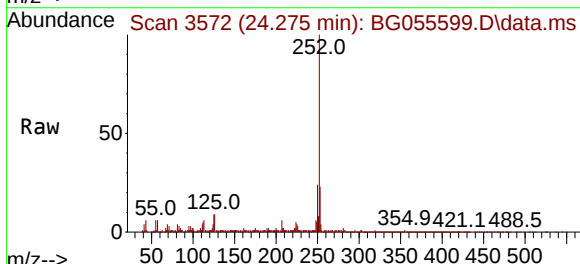
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-111022MSD

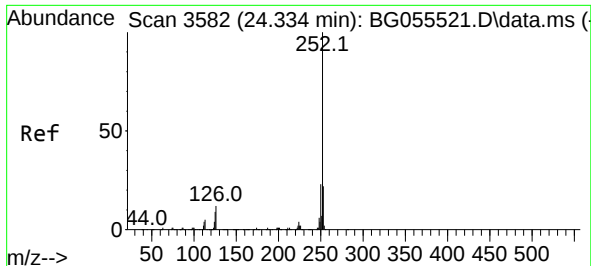
Tgt Ion:276 Resp: 409947
 Ion Ratio Lower Upper
 276 100
 138 8.7 11.5 17.3#
 277 23.9 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 26.305 ng
 RT: 24.275 min Scan# 3572
 Delta R.T. 0.017 min
 Lab File: BG055599.D
 Acq: 12 Nov 2022 21:33

Tgt Ion:252 Resp: 561572
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.9 26.9
 125 8.5 6.7 10.1

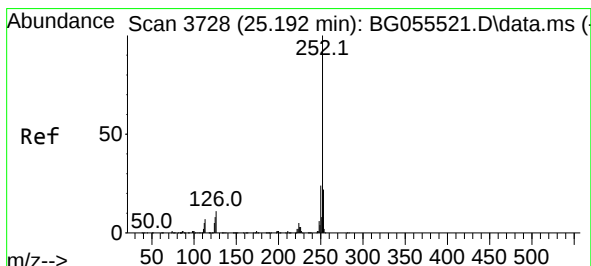
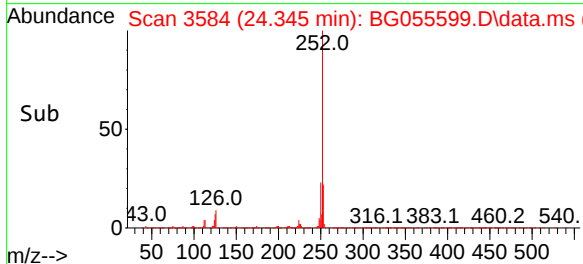
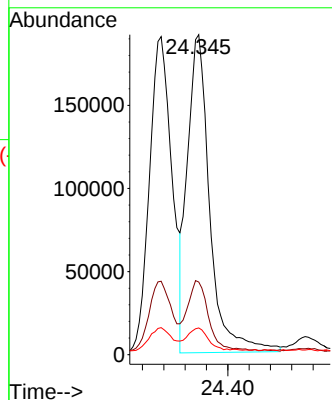
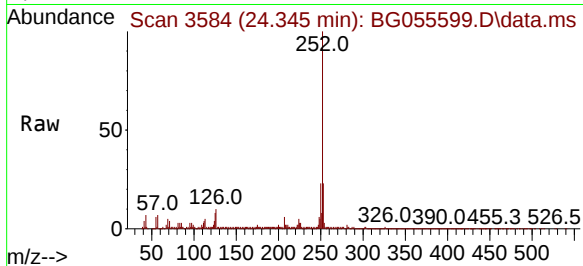




#89
Benzo(k)fluoranthene
Concen: 25.507 ng
RT: 24.345 min Scan# 31
Delta R.T. 0.011 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

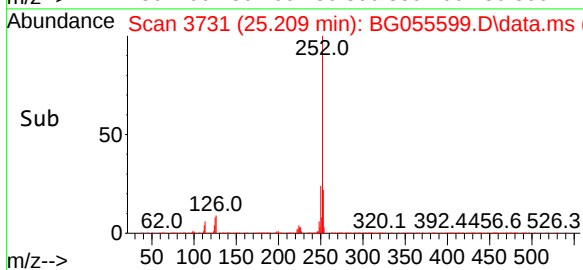
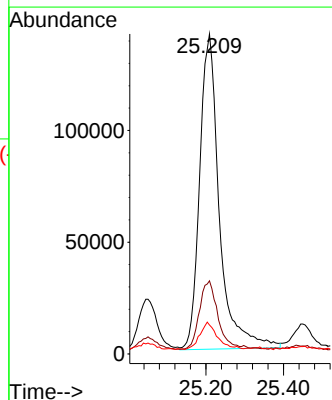
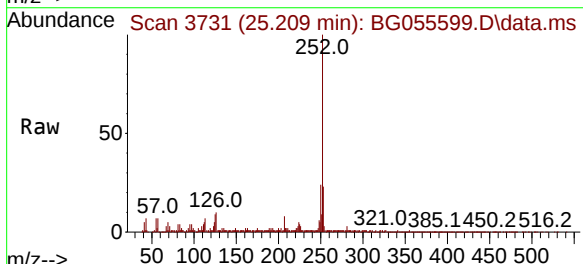
Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

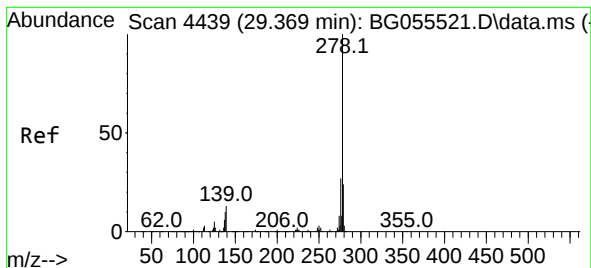
Tgt Ion:252 Resp: 556697
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 8.4 6.9 10.3



#90
Benzo(a)pyrene
Concen: 27.058 ng
RT: 25.209 min Scan# 3731
Delta R.T. 0.017 min
Lab File: BG055599.D
Acq: 12 Nov 2022 21:33

Tgt Ion:252 Resp: 497589
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: 14.872 ng

RT: 29.387 min Scan# 4442

Delta R.T. 0.018 min

Lab File: BG055599.D

Acq: 12 Nov 2022 21:33

Instrument :

BNA_G

ClientSampleId :

NB-08-111022MSD

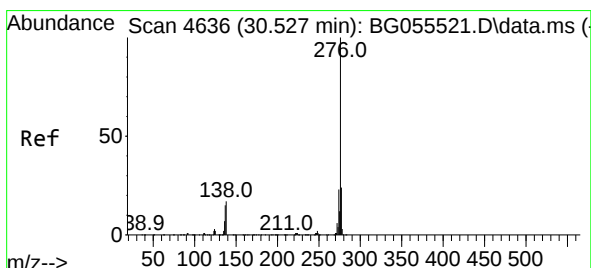
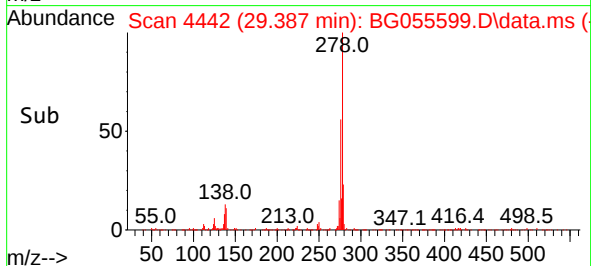
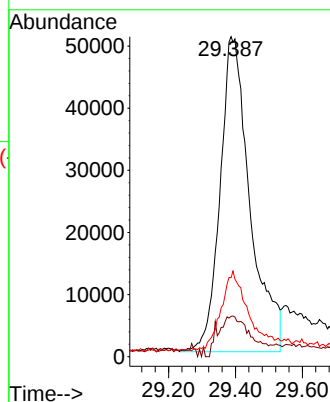
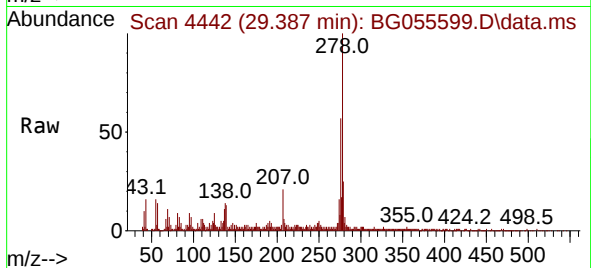
Tgt Ion:278 Resp: 315925

Ion Ratio Lower Upper

278 100

139 12.6 10.6 15.8

279 24.7 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 13.626 ng

RT: 30.556 min Scan# 4641

Delta R.T. 0.029 min

Lab File: BG055599.D

Acq: 12 Nov 2022 21:33

Tgt Ion:276 Resp: 282945

Ion Ratio Lower Upper

276 100

277 25.5 19.3 28.9

138 16.7 13.9 20.9

