

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093022\
 Data File : BG055044.D
 Acq On : 30 Sep 2022 17:20
 Operator : CG/JU
 Sample : N4912-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11939MSD

Quant Time: Oct 01 02:13:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 15:43:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.346	152	33689	20.000	ng	0.00
21) Naphthalene-d8	11.178	136	143947	20.000	ng	# 0.00
39) Acenaphthene-d10	14.950	164	102795	20.000	ng	0.00
64) Phenanthrene-d10	17.688	188	236760	20.000	ng	0.00
76) Chrysene-d12	21.983	240	224953	20.000	ng	#-0.01
86) Perylene-d12	25.438	264	247637	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.867	112	220374	125.396	ng	0.00
7) Phenol-d6	7.477	99	298249	127.909	ng	0.00
23) Nitrobenzene-d5	9.515	82	166038	74.425	ng	0.00
42) 2,4,6-Tribromophenol	16.431	330	146398	125.511	ng	0.00
45) 2-Fluorobiphenyl	13.581	172	428970	65.688	ng	0.00
79) Terphenyl-d14	20.262	244	767541	71.149	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.693	88	31253	35.904	ng	# 96
3) Pyridine	4.110	79	82531	33.364	ng	96
4) n-Nitrosodimethylamine	4.016	42	50471	41.963	ng	85
6) Aniline	7.659	93	116457	37.908	ng	99
8) 2-Chlorophenol	7.900	128	101736	51.842	ng	99
9) Benzaldehyde	7.471	77	62563	41.489	ng	97
10) Phenol	7.500	94	134586	50.891	ng	95
11) bis(2-Chloroethyl)ether	7.747	93	91058	45.878	ng	97
12) 1,3-Dichlorobenzene	8.235	146	109829	45.721	ng	97
13) 1,4-Dichlorobenzene	8.382	146	113313	46.512	ng	99
14) 1,2-Dichlorobenzene	8.705	146	110368	47.942	ng	99
15) Benzyl Alcohol	8.575	79	99842	50.029	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.869	45	152464	45.907	ng	99
17) 2-Methylphenol	8.769	107	92080	49.846	ng	95
18) Hexachloroethane	9.451	117	37844	47.287	ng	93
19) n-Nitroso-di-n-propyla...	9.151	70	82390	44.976	ng	93
20) 3+4-Methylphenols	9.098	107	125526	49.313	ng	95
22) Acetophenone	9.169	105	159268	45.102	ng	98
24) Nitrobenzene	9.563	77	114818	47.502	ng	98
25) Isophorone	10.085	82	226056	45.130	ng	99
26) 2-Nitrophenol	10.273	139	47159	45.553	ng	94
27) 2,4-Dimethylphenol	10.320	122	109904	56.130	ng	97
28) bis(2-Chloroethoxy)met...	10.561	93	127112	48.616	ng	100
29) 2,4-Dichlorophenol	10.808	162	109521	50.081	ng	94
30) 1,2,4-Trichlorobenzene	11.031	180	115150	44.856	ng	98
31) Naphthalene	11.231	128	331222	44.115	ng	98
32) Benzoic acid	10.432	122	63097	45.099	ng	98
33) 4-Chloroaniline	11.325	127	52010	17.030	ng	99
34) Hexachlorobutadiene	11.507	225	75043	44.806	ng	99
35) Caprolactam	12.077	113	18370	25.579	ng	95
36) 4-Chloro-3-methylphenol	12.412	107	117085	48.523	ng	97
37) 2-Methylnaphthalene	12.806	142	241925	44.907	ng	98
38) 1-Methylnaphthalene	13.023	142	228534	43.939	ng	99
40) 1,2,4,5-Tetrachloroben...	13.164	216	140649	46.621	ng	99
41) Hexachlorocyclopentadiene	13.147	237	159875	104.649	ng	99
43) 2,4,6-Trichlorophenol	13.393	196	96313	50.116	ng	99

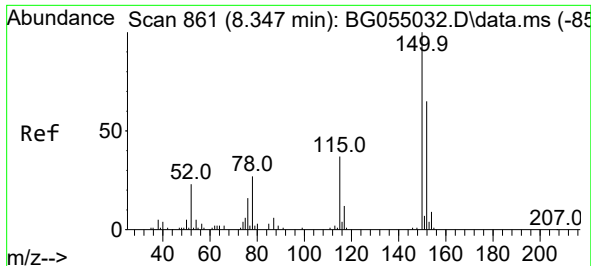
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.464	196	105794	48.404	ng	97
46) 1,1'-Biphenyl	13.793	154	330686	47.027	ng	97
47) 2-Chloronaphthalene	13.840	162	257563	45.322	ng	96
48) 2-Nitroaniline	14.028	65	69531	43.719	ng	97
49) Acenaphthylene	14.680	152	420555	45.606	ng	99
50) Dimethylphthalate	14.398	163	336486	43.801	ng	99
51) 2,6-Dinitrotoluene	14.516	165	64525	44.704	ng	96
52) Acenaphthene	15.015	154	278232	48.606	ng	99
53) 3-Nitroaniline	14.845	138	48570	30.050	ng #	88
54) 2,4-Dinitrophenol	15.044	184	62937	97.133	ng	93
55) Dibenzofuran	15.350	168	412725	44.610	ng	99
56) 4-Nitrophenol	15.127	139	122211	98.298	ng	92
57) 2,4-Dinitrotoluene	15.291	165	88794	45.007	ng #	97
58) Fluorene	15.990	166	326219	44.161	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.561	232	93595	47.531	ng	98
60) Diethylphthalate	15.749	149	346864	43.761	ng	99
61) 4-Chlorophenyl-phenyle...	15.979	204	181559	45.950	ng	96
62) 4-Nitroaniline	16.002	138	73971	45.230	ng	90
63) Azobenzene	16.272	77	315642	42.440	ng	97
65) 4,6-Dinitro-2-methylph...	16.049	198	40278	44.189	ng	96
66) n-Nitrosodiphenylamine	16.190	169	291540	45.743	ng	97
67) 4-Bromophenyl-phenylether	16.872	248	123034	48.242	ng	98
68) Hexachlorobenzene	16.989	284	138316	48.016	ng	98
69) Atrazine	17.124	200	122811	51.990	ng	98
70) Pentachlorophenol	17.330	266	161762	99.730	ng	100
71) Phenanthrene	17.729	178	552291	45.184	ng	98
72) Anthracene	17.823	178	553835	45.935	ng	98
73) Carbazole	18.082	167	505534	44.731	ng	98
74) Di-n-butylphthalate	18.622	149	604728	44.531	ng	100
75) Fluoranthene	19.715	202	669165	42.719	ng	97
77) Benzidine	19.880	184	375133	67.343	ng	100
78) Pyrene	20.074	202	667210	46.356	ng	99
80) Butylbenzylphthalate	20.949	149	248876	47.866	ng	92
81) Benzo(a)anthracene	21.966	228	641526	44.520	ng	98
82) 3,3'-Dichlorobenzidine	21.860	252	156704	33.629	ng	98
83) Chrysene	22.036	228	600654	44.259	ng	99
84) Bis(2-ethylhexyl)phtha...	21.854	149	365150	47.447	ng #	99
85) Di-n-octyl phthalate	23.152	149	605597	46.892	ng	97
87) Indeno(1,2,3-cd)pyrene	29.433	276	804593	44.472	ng #	96
88) Benzo(b)fluoranthene	24.339	252	691810	46.920	ng #	97
89) Benzo(k)fluoranthene	24.410	252	670499	45.967	ng #	97
90) Benzo(a)pyrene	25.285	252	614422	49.307	ng #	96
91) Dibenzo(a,h)anthracene	29.504	278	688808	46.255	ng #	96
92) Benzo(g,h,i)perylene	30.691	276	691377	47.194	ng #	93

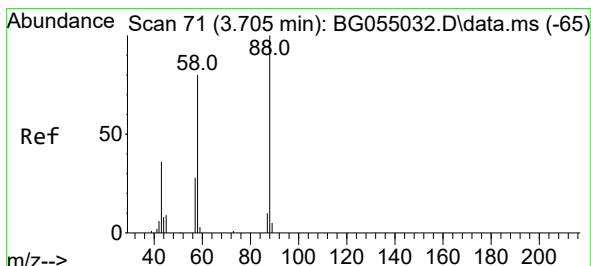
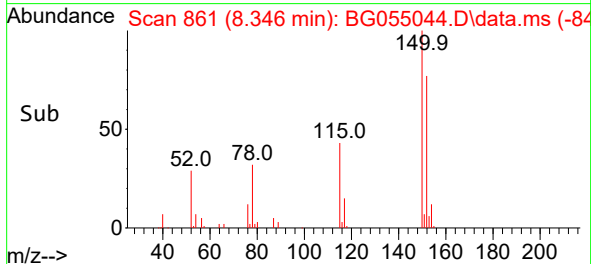
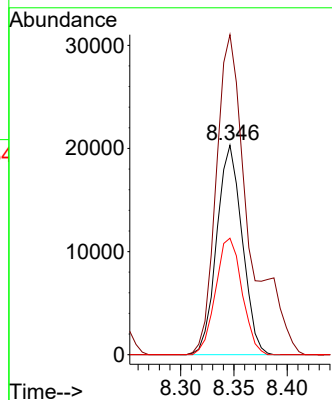
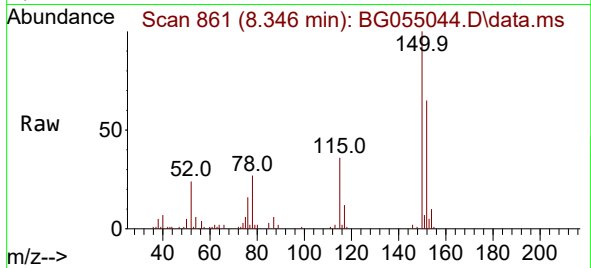
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.346 min Scan# 80
 Delta R.T. -0.001 min
 Lab File: BG055044.D
 Acq: 30 Sep 2022 17:20

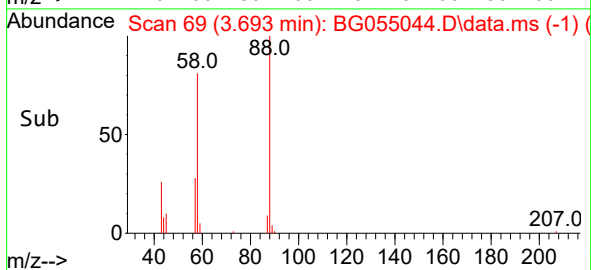
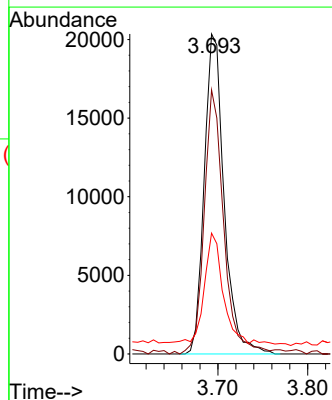
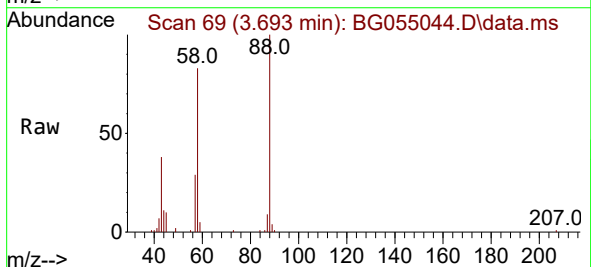
Instrument :
 BNA_G
 ClientSampleId :
 72-11939MSD

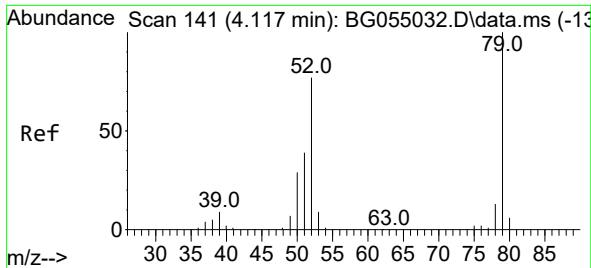
Tgt Ion:152 Resp: 33689
 Ion Ratio Lower Upper
 152 100
 150 152.8 125.2 187.8
 115 55.6 47.9 71.9



#2
 1,4-Dioxane
 Concen: 35.904 ng
 RT: 3.693 min Scan# 69
 Delta R.T. -0.012 min
 Lab File: BG055044.D
 Acq: 30 Sep 2022 17:20

Tgt Ion: 88 Resp: 31253
 Ion Ratio Lower Upper
 88 100
 58 81.7 65.9 98.9
 43 35.4 22.7 34.1#





#3

Pyridine

Concen: 33.364 ng

RT: 4.110 min Scan# 141

Delta R.T. -0.007 min

Lab File: BG055044.D

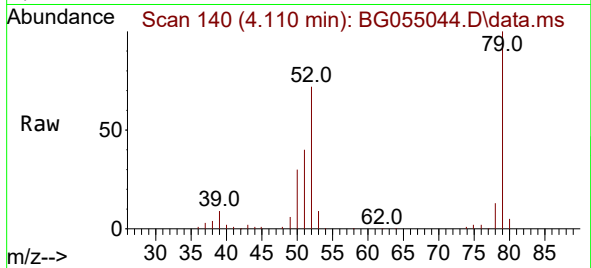
Acq: 30 Sep 2022 17:20

Instrument :

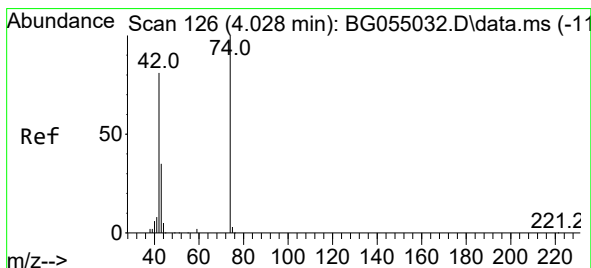
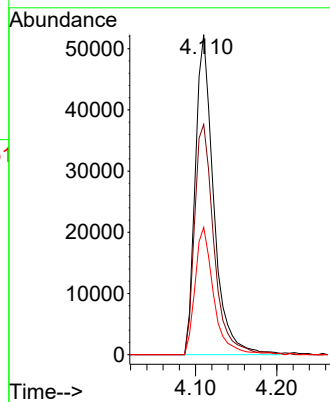
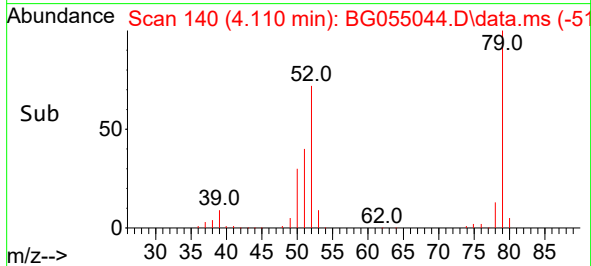
BNA_G

ClientSampleId :

72-11939MSD



Tgt Ion:	79	Resp:	82531
Ion Ratio	Lower	Upper	
79	100		
52	71.9	61.4	92.0
51	39.8	31.4	47.0



#4

n-Nitrosodimethylamine

Concen: 41.963 ng

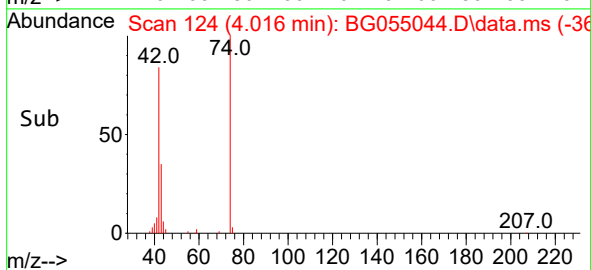
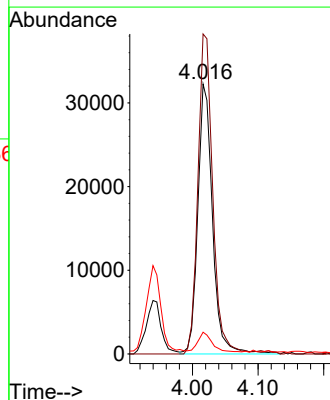
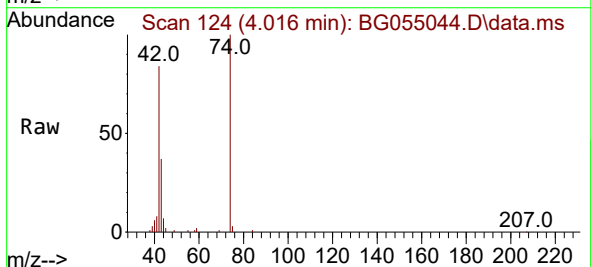
RT: 4.016 min Scan# 124

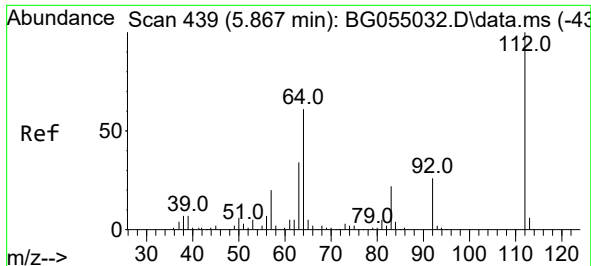
Delta R.T. -0.012 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

Tgt Ion:	42	Resp:	50471
Ion Ratio	Lower	Upper	
42	100		
74	118.6	109.6	164.4
44	8.1	5.5	8.3

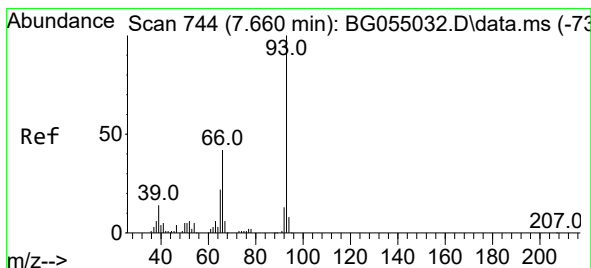
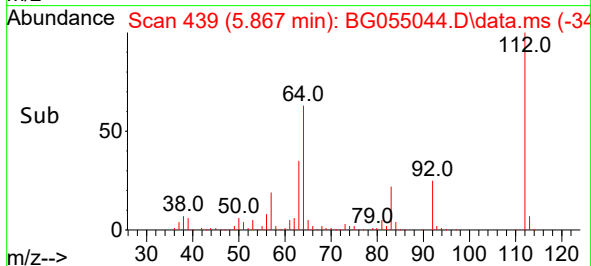
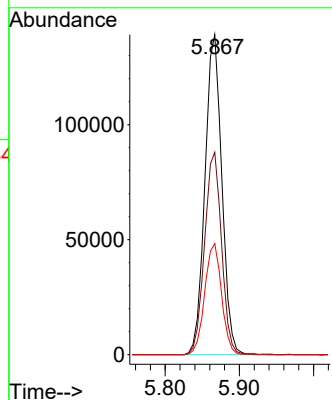
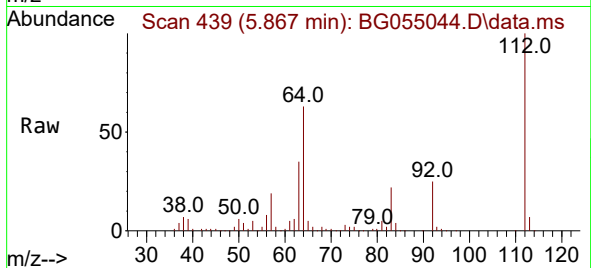




#5
2-Fluorophenol
Concen: 125.396 ng
RT: 5.867 min Scan# 411
Delta R.T. -0.001 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

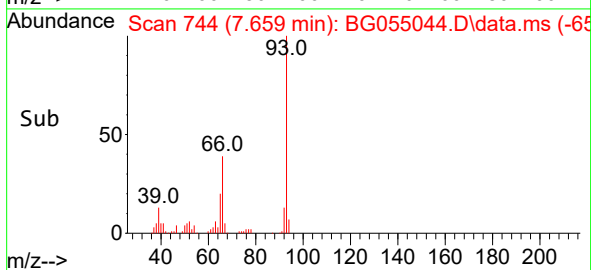
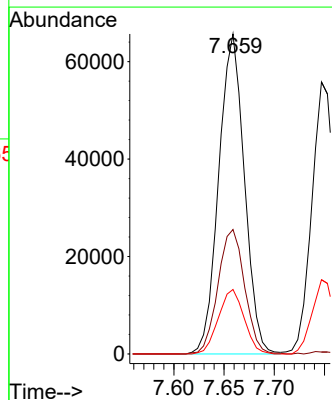
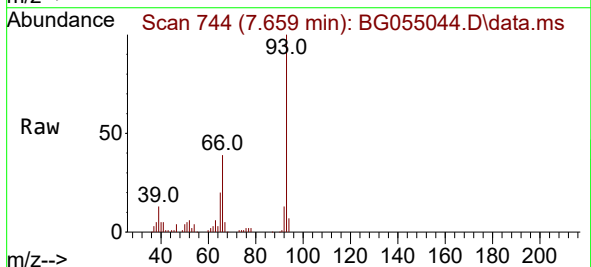
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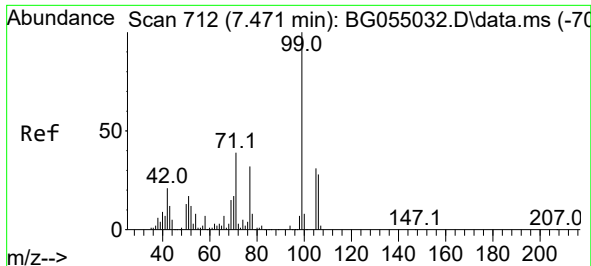
Tgt Ion:112 Resp: 220374
Ion Ratio Lower Upper
112 100
64 63.2 49.3 73.9
63 34.7 26.3 39.5



#6
Aniline
Concen: 37.908 ng
RT: 7.659 min Scan# 744
Delta R.T. -0.001 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion: 93 Resp: 116457
Ion Ratio Lower Upper
93 100
66 38.9 31.8 47.8
65 20.2 16.6 25.0

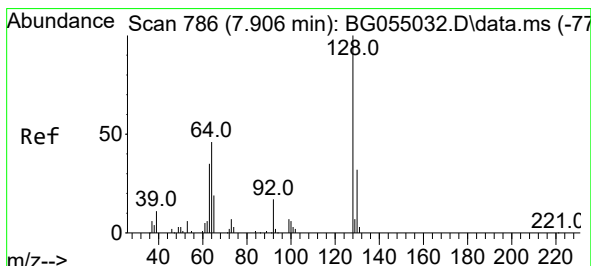
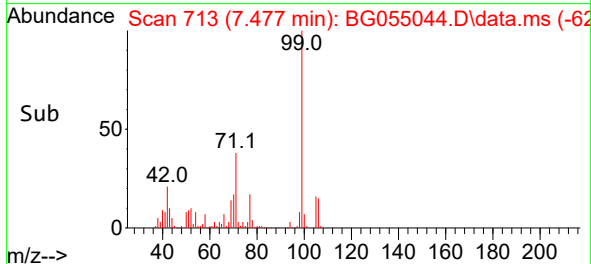
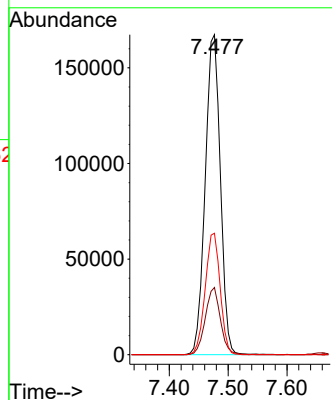
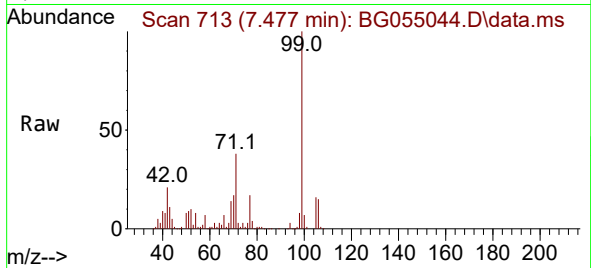




#7
Phenol-d6
Concen: 127.909 ng
RT: 7.477 min Scan# 712
Delta R.T. 0.005 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

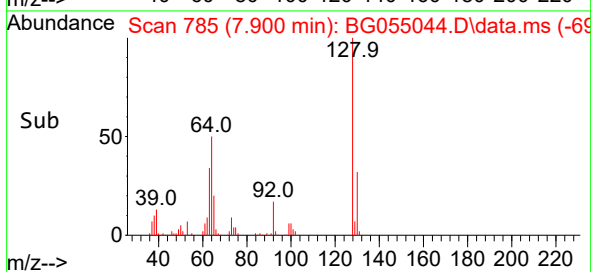
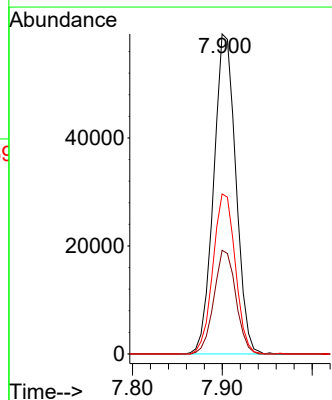
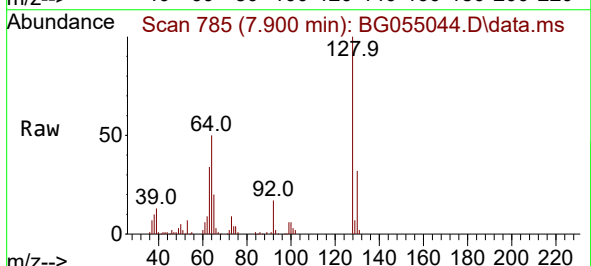
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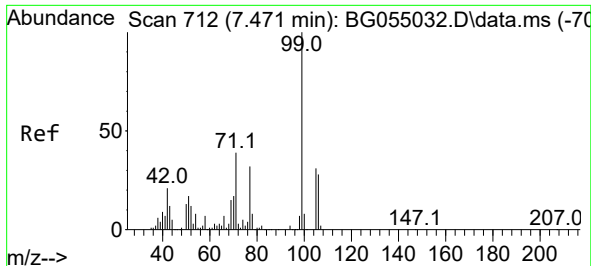
Tgt Ion: 99 Resp: 298249
Ion Ratio Lower Upper
99 100
42 21.0 14.6 22.0
71 37.9 24.6 37.0#



#8
2-Chlorophenol
Concen: 51.842 ng
RT: 7.900 min Scan# 785
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion: 128 Resp: 101736
Ion Ratio Lower Upper
128 100
130 32.4 12.5 52.5
64 50.0 28.6 68.6

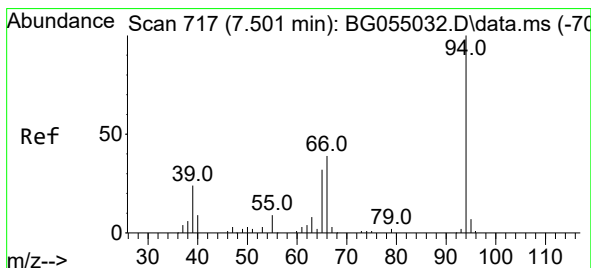
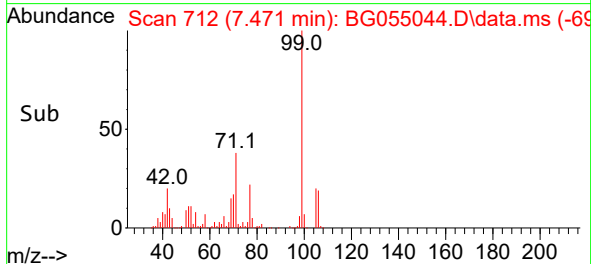
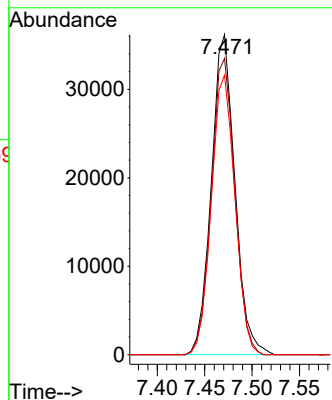
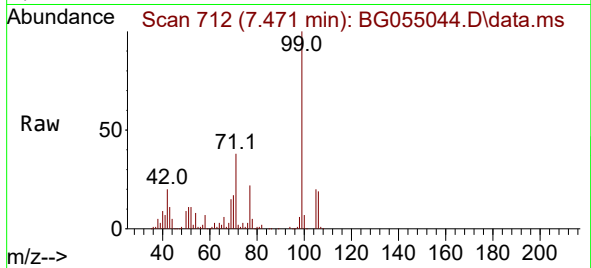




#9
Benzaldehyde
Concen: 41.489 ng
RT: 7.471 min Scan# 712
Delta R.T. -0.000 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

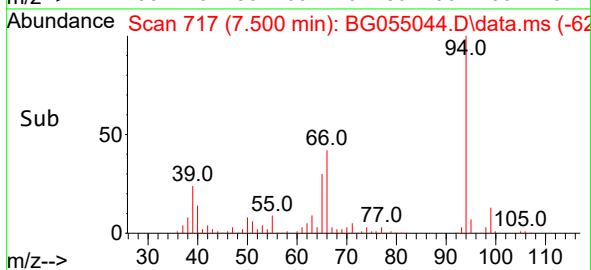
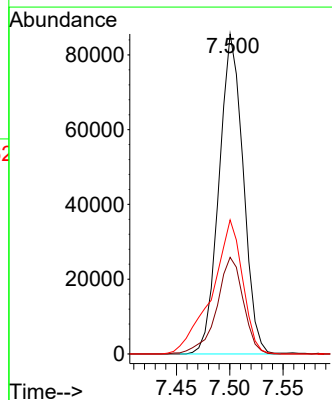
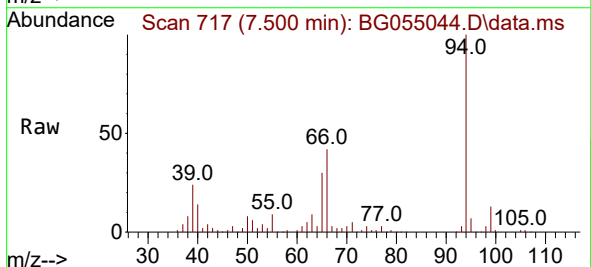
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

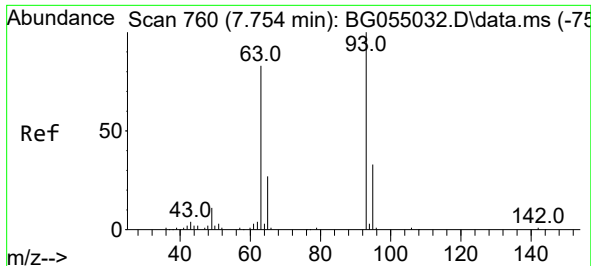
Tgt Ion: 77 Resp: 62563
Ion Ratio Lower Upper
77 100
105 92.6 75.3 115.3
106 87.3 70.2 110.2



#10
Phenol
Concen: 50.891 ng
RT: 7.500 min Scan# 717
Delta R.T. -0.001 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion: 94 Resp: 134586
Ion Ratio Lower Upper
94 100
65 30.2 9.9 49.9
66 41.9 16.4 56.4

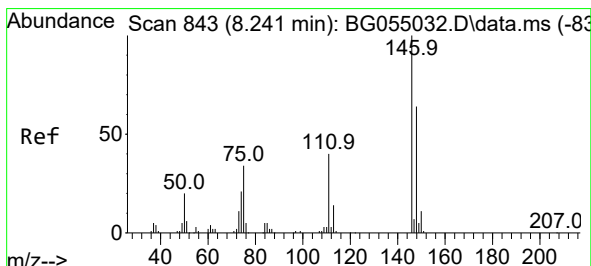
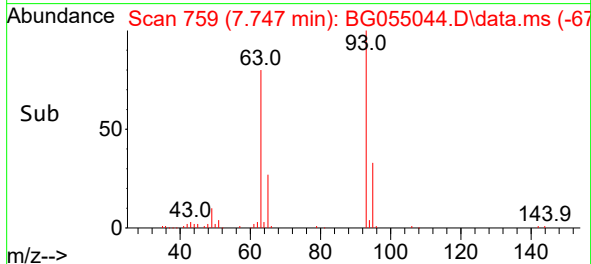
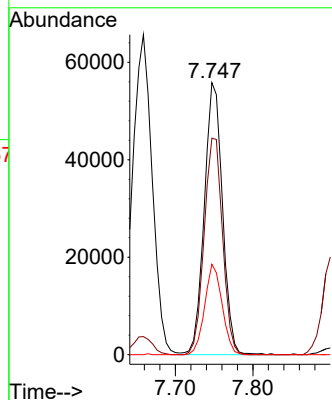
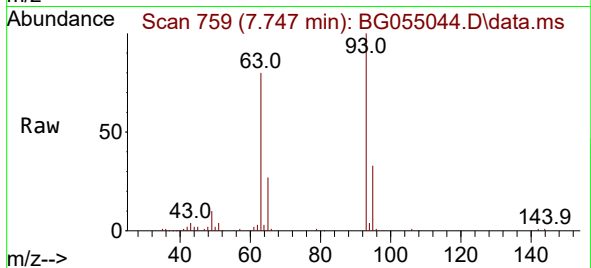




#11
bis(2-Chloroethyl)ether
Concen: 45.878 ng
RT: 7.747 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

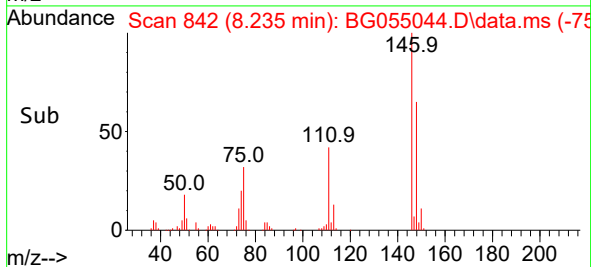
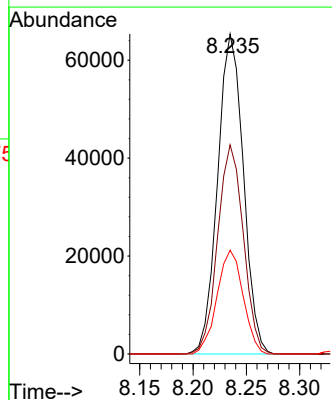
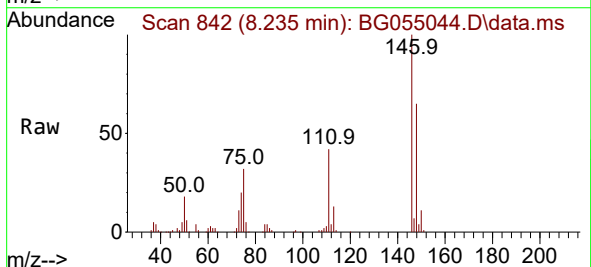
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

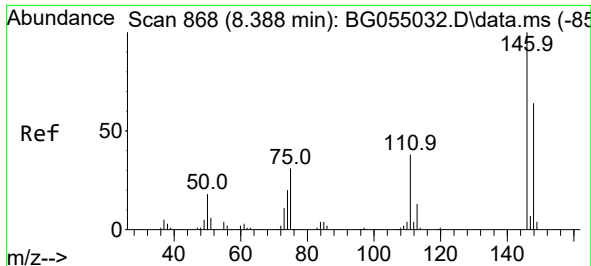
Tgt Ion: 93 Resp: 91058
Ion Ratio Lower Upper
93 100
63 79.6 62.1 102.1
95 33.2 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 45.721 ng
RT: 8.235 min Scan# 842
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion:146 Resp: 109829
Ion Ratio Lower Upper
146 100
148 65.3 50.6 76.0
75 32.4 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 46.512 ng

RT: 8.382 min Scan# 867

Delta R.T. -0.007 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

Instrument :

BNA_G

ClientSampleId :

72-11939MSD

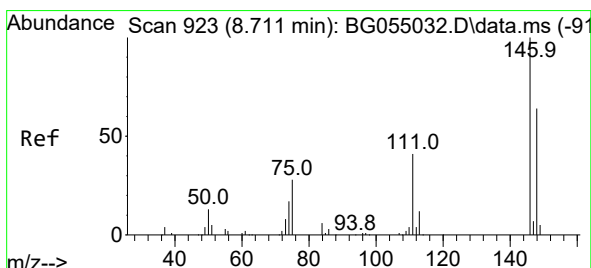
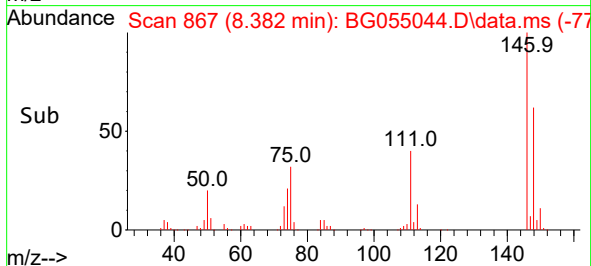
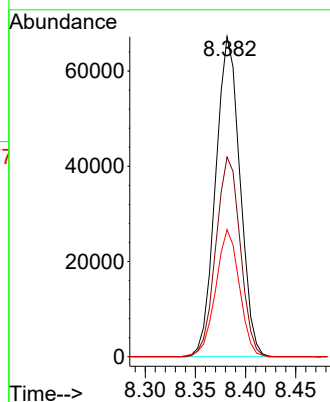
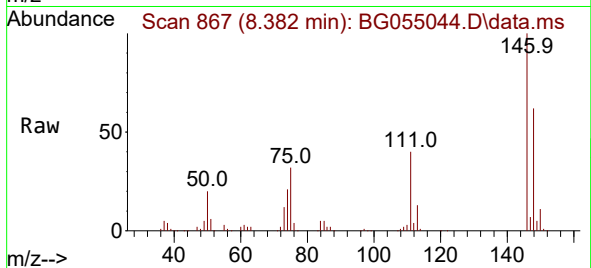
Tgt Ion:146 Resp: 113313

Ion Ratio Lower Upper

146 100

148 62.4 50.4 75.6

111 39.7 33.0 49.4



#14

1,2-Dichlorobenzene

Concen: 47.942 ng

RT: 8.705 min Scan# 922

Delta R.T. -0.007 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

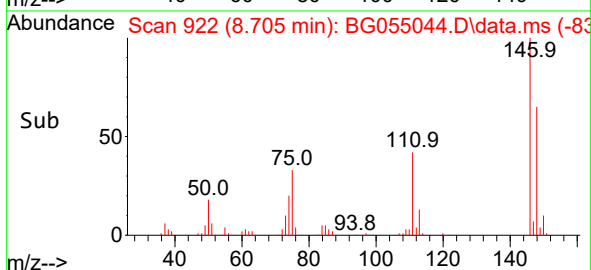
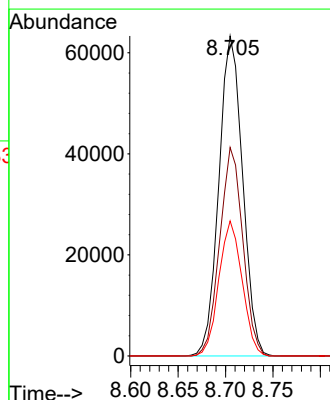
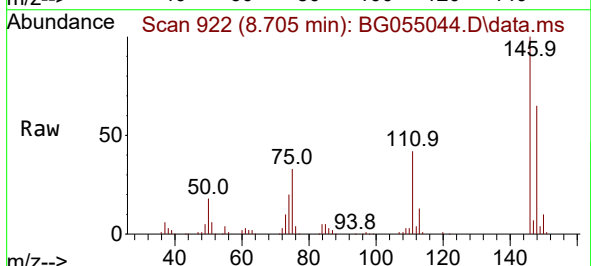
Tgt Ion:146 Resp: 110368

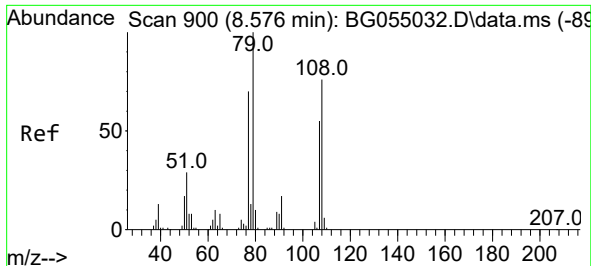
Ion Ratio Lower Upper

146 100

148 65.1 51.2 76.8

111 42.2 34.3 51.5

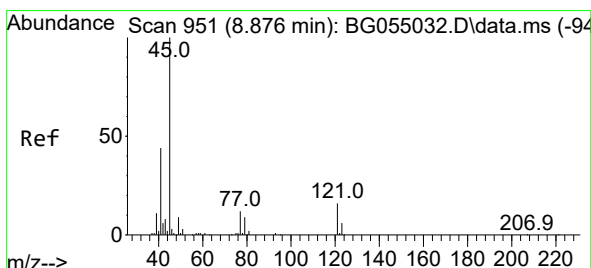
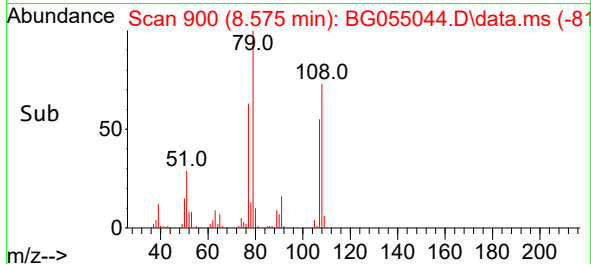
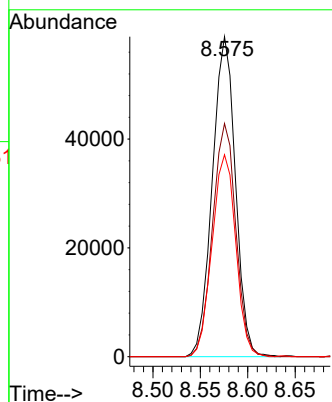
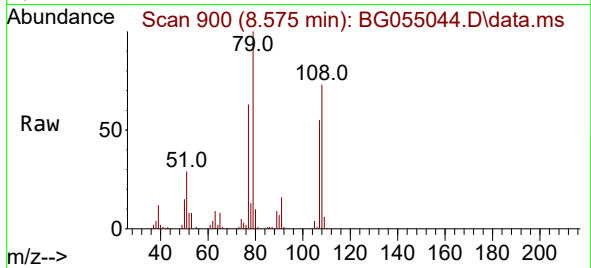




#15
Benzyl Alcohol
Concen: 50.029 ng
RT: 8.575 min Scan# 900
Delta R.T. -0.001 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

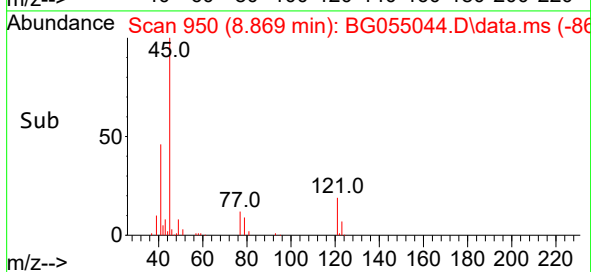
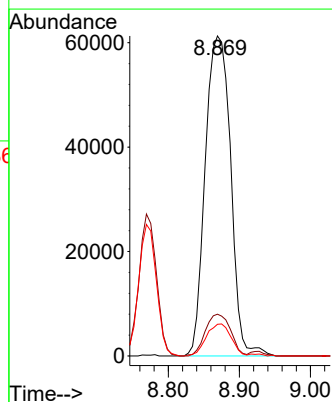
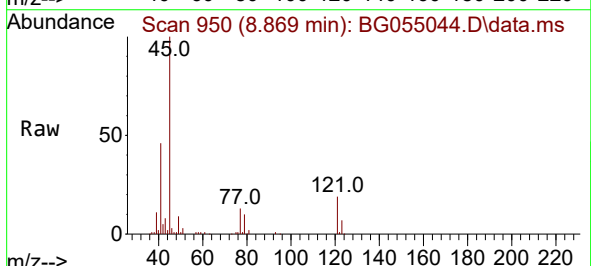
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

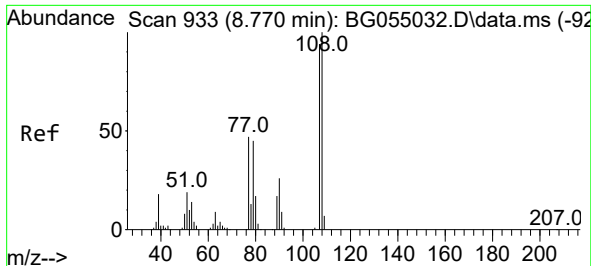
Tgt Ion: 79 Resp: 99842
Ion Ratio Lower Upper
79 100
108 72.8 63.4 95.0
77 63.1 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.907 ng
RT: 8.869 min Scan# 950
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion: 45 Resp: 152464
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.8
79 9.9 0.0 30.4





#17

2-Methylphenol

Concen: 49.846 ng

RT: 8.769 min Scan# 91

Delta R.T. -0.001 min

Lab File: BG055044.D

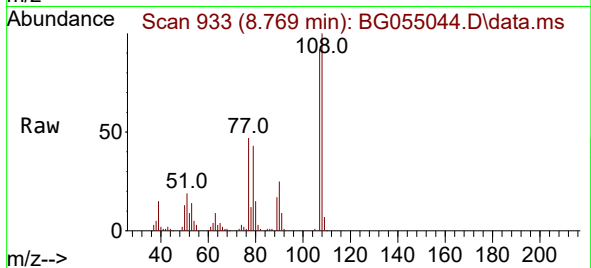
Acq: 30 Sep 2022 17:20

Instrument :

BNA_G

ClientSampleId :

72-11939MSD



Tgt Ion:107 Resp: 92080

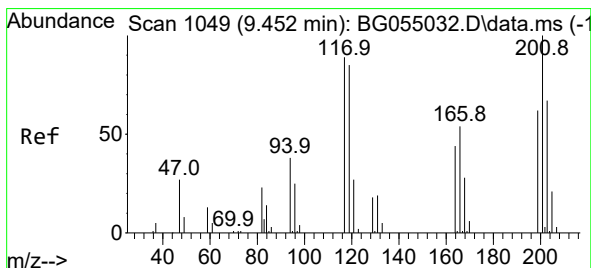
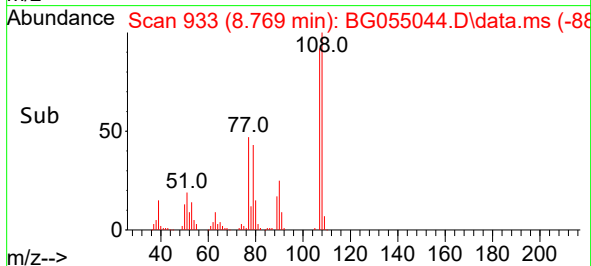
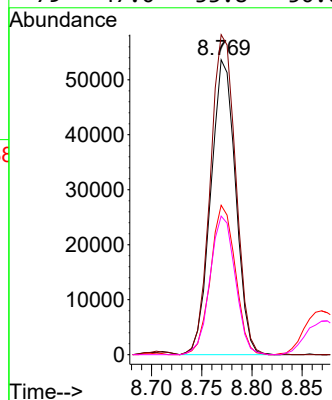
Ion Ratio Lower Upper

107 100

108 108.5 85.6 128.4

77 50.7 35.8 53.8

79 47.0 33.8 50.6



#18

Hexachloroethane

Concen: 47.287 ng

RT: 9.451 min Scan# 1049

Delta R.T. -0.001 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

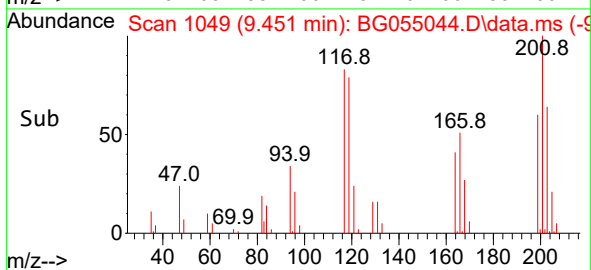
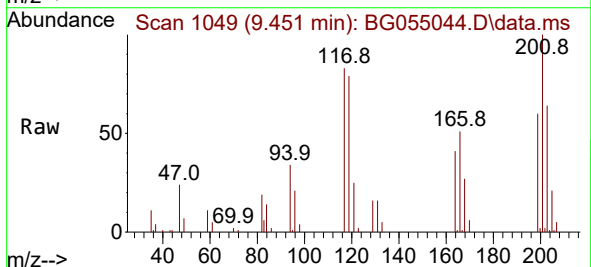
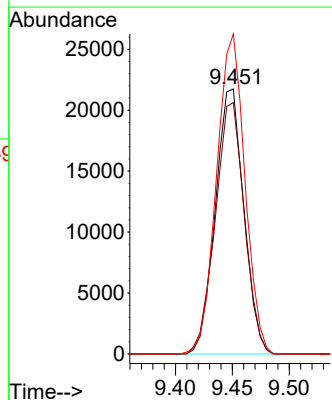
Tgt Ion:117 Resp: 37844

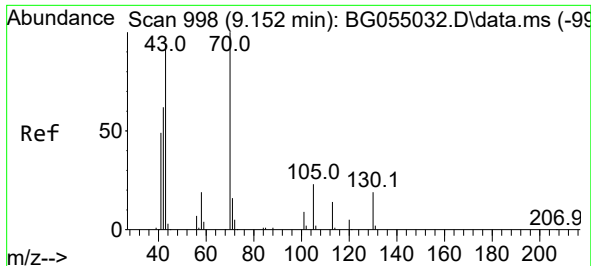
Ion Ratio Lower Upper

117 100

119 94.8 77.0 115.6

201 120.7 87.2 130.8

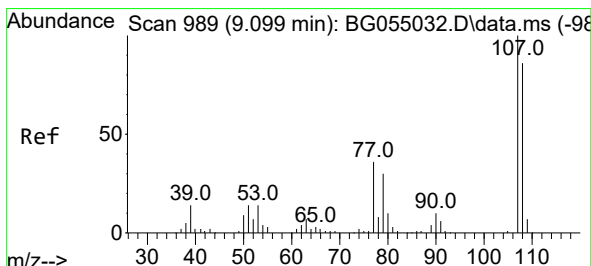
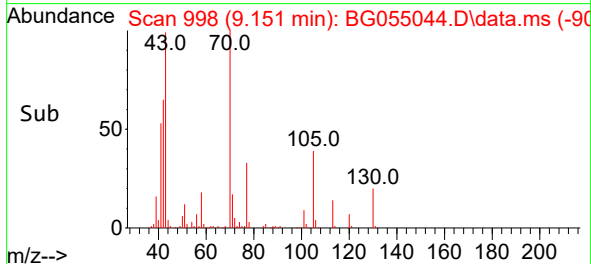
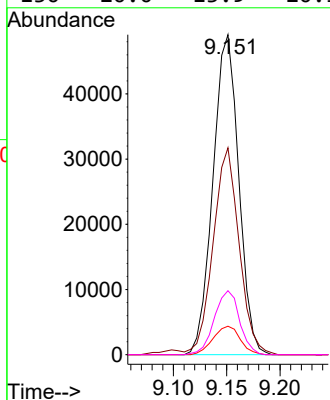
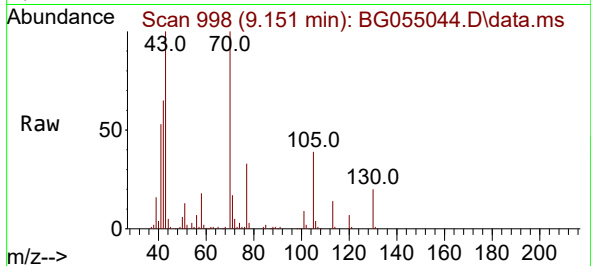




#19
n-Nitroso-di-n-propylamine
Concen: 44.976 ng
RT: 9.151 min Scan# 998
Delta R.T. -0.001 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

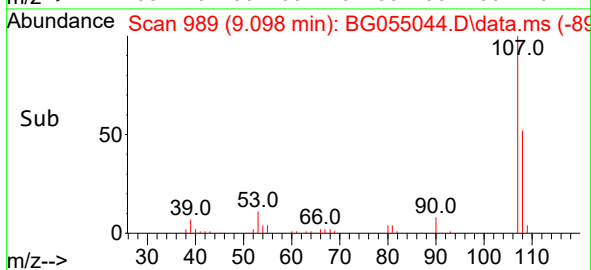
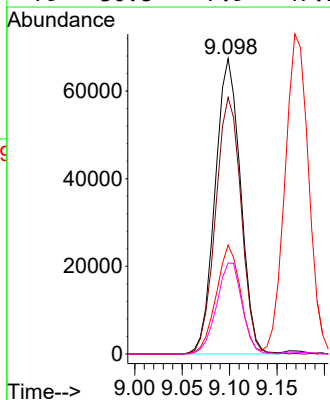
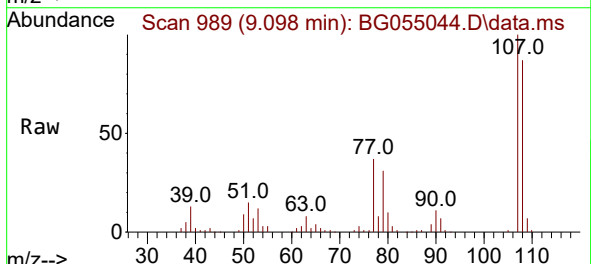
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

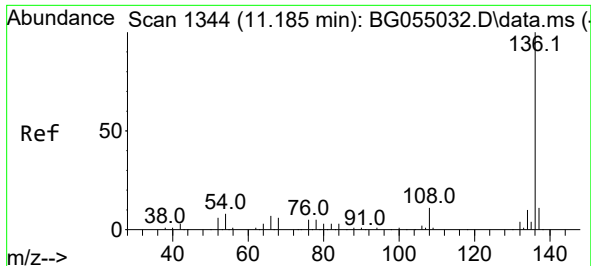
Tgt Ion:	70	Resp:	82390
Ion Ratio	Lower	Upper	
70	100		
42	64.7	46.6	69.8
101	8.9	7.7	11.5
130	20.0	13.9	20.9



#20
3+4-Methylphenols
Concen: 49.313 ng
RT: 9.098 min Scan# 989
Delta R.T. -0.001 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion:	107	Resp:	125526
Ion Ratio	Lower	Upper	
107	100		
108	86.9	71.6	111.6
77	36.9	13.1	53.1
79	30.8	7.9	47.9

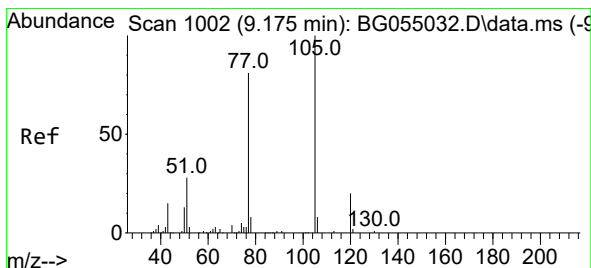
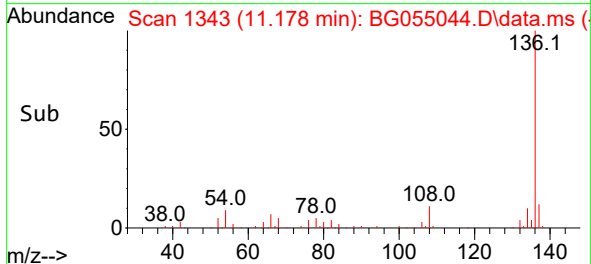
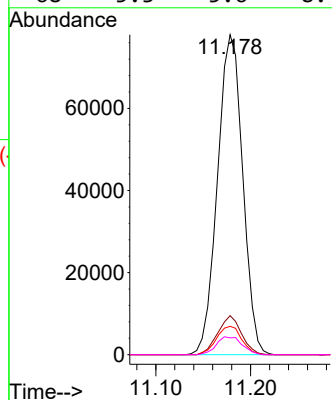
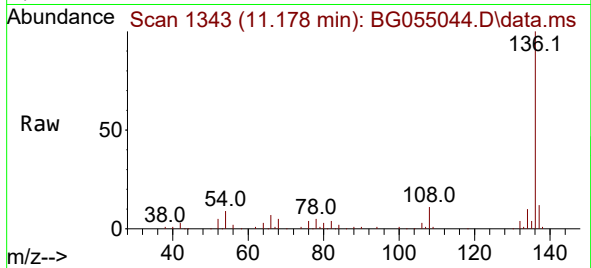




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.178 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

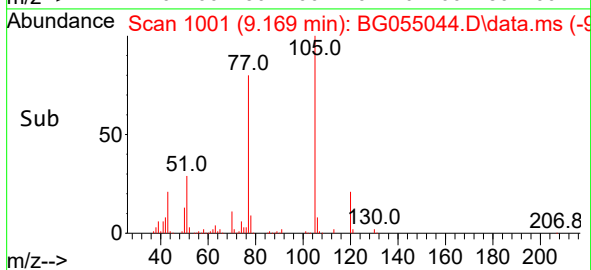
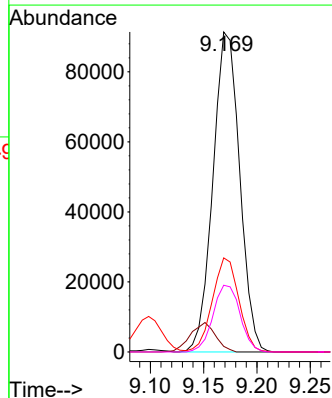
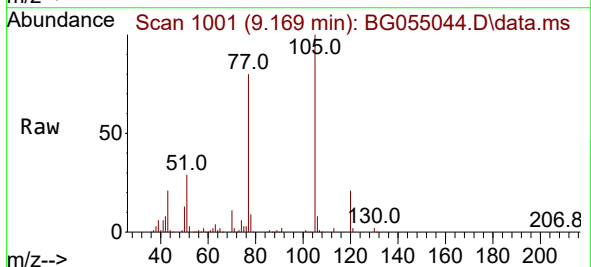
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

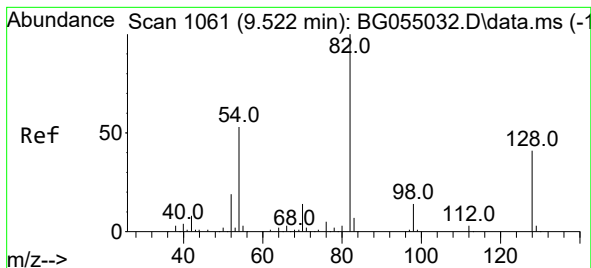
Tgt Ion:136 Resp: 143947
Ion Ratio Lower Upper
136 100
137 12.2 9.2 13.8
54 8.9 7.7 11.5
68 5.3 5.6 8.4#



#22
Acetophenone
Concen: 45.102 ng
RT: 9.169 min Scan# 1001
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion:105 Resp: 159268
Ion Ratio Lower Upper
105 100
71 1.7 1.2 1.8
51 29.4 22.9 34.3
120 20.9 17.4 26.2





#23

Nitrobenzene-d5

Concen: 74.425 ng

RT: 9.515 min Scan# 1060

Delta R.T. -0.007 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

Instrument :

BNA_G

ClientSampleId :

72-11939MSD

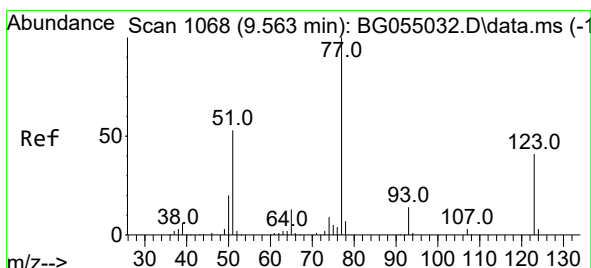
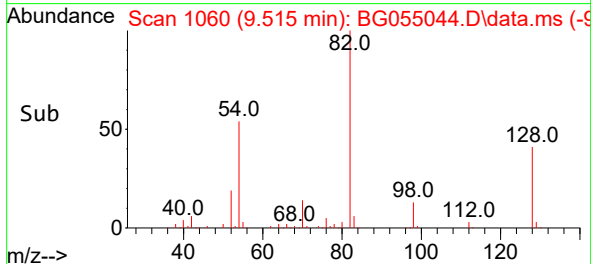
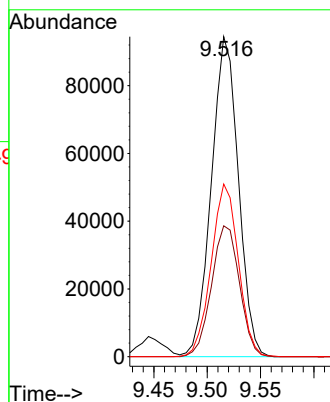
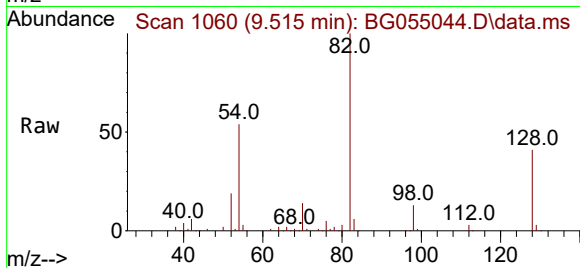
Tgt Ion: 82 Resp: 166038

Ion Ratio Lower Upper

82 100

128 40.9 32.2 48.2

54 54.0 41.4 62.0



#24

Nitrobenzene

Concen: 47.502 ng

RT: 9.563 min Scan# 1068

Delta R.T. -0.001 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

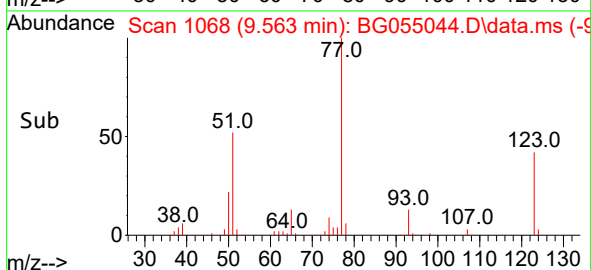
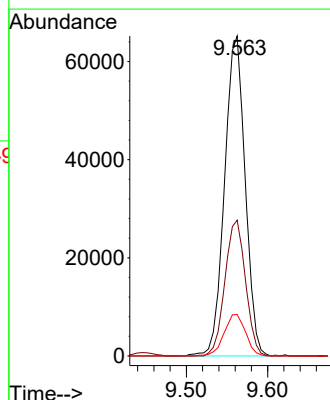
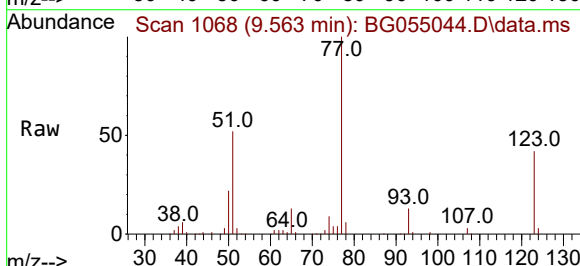
Tgt Ion: 77 Resp: 114818

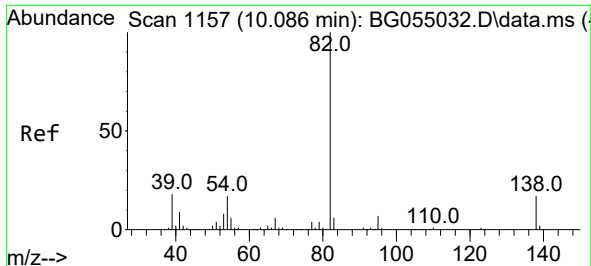
Ion Ratio Lower Upper

77 100

123 42.5 35.0 52.6

65 13.0 10.2 15.2

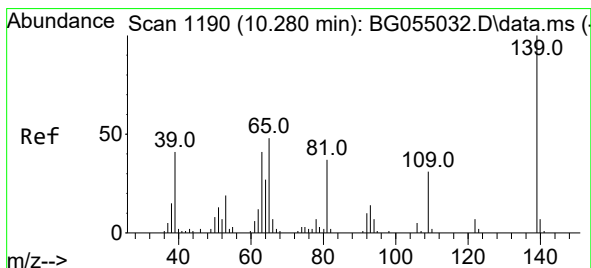
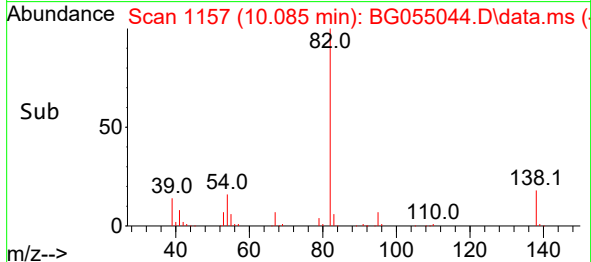
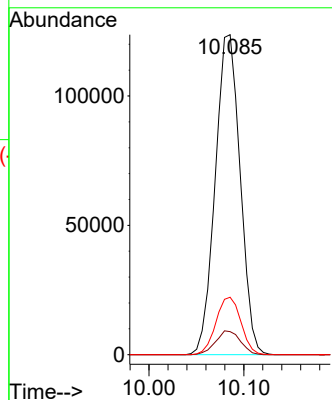
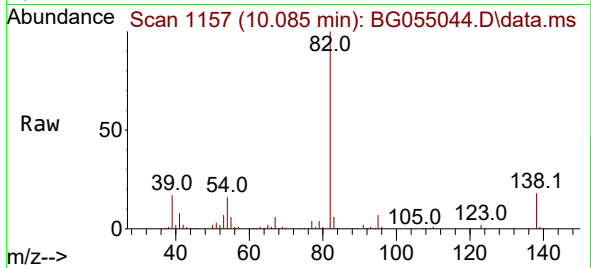




#25
Isophorone
Concen: 45.130 ng
RT: 10.085 min Scan# 1157
Delta R.T. -0.001 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

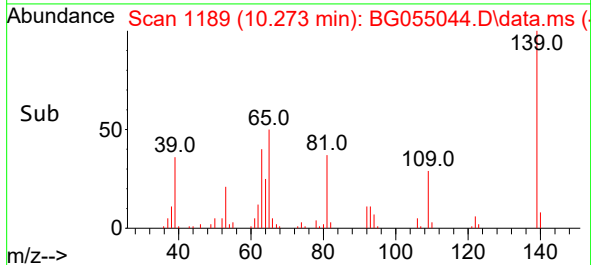
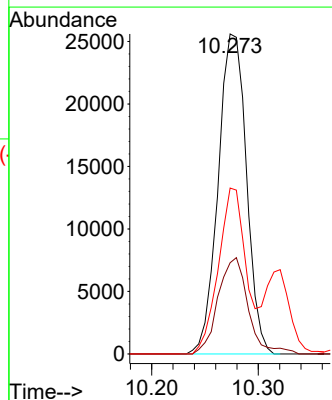
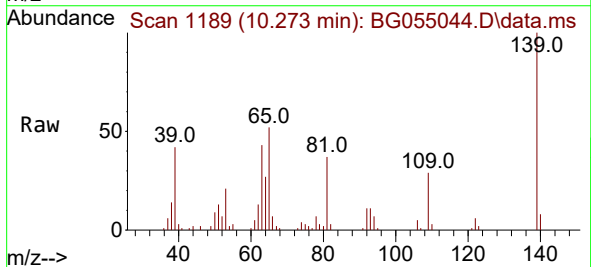
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

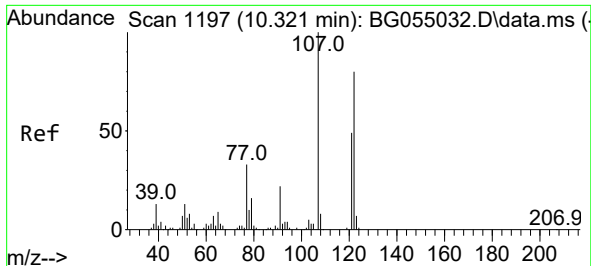
Tgt Ion: 82 Resp: 226056
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 17.9 13.9 20.9



#26
2-Nitrophenol
Concen: 45.553 ng
RT: 10.273 min Scan# 1189
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion:139 Resp: 47159
Ion Ratio Lower Upper
139 100
109 28.5 21.8 32.6
65 51.8 37.4 56.0





#27

2,4-Dimethylphenol

Concen: 56.130 ng

RT: 10.320 min Scan# 1197

Delta R.T. -0.001 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

Instrument :

BNA_G

ClientSampleId :

72-11939MSD

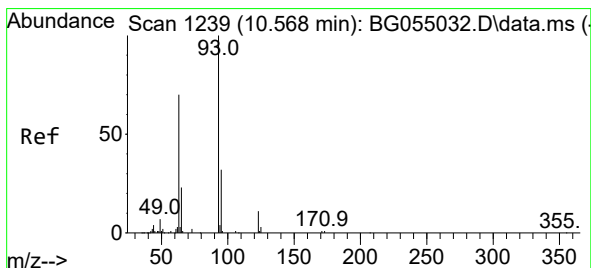
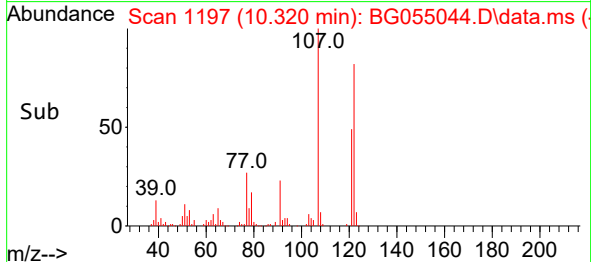
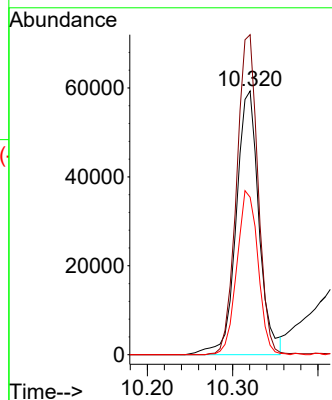
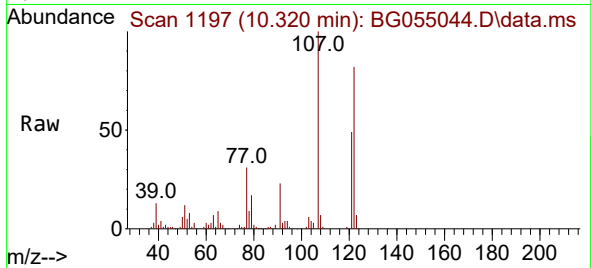
Tgt Ion:122 Resp: 109904

Ion Ratio Lower Upper

122 100

107 121.4 94.6 142.0

121 59.7 49.8 74.6



#28

bis(2-Chloroethoxy)methane

Concen: 48.616 ng

RT: 10.561 min Scan# 1238

Delta R.T. -0.007 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

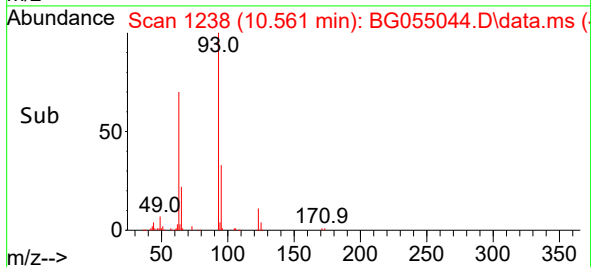
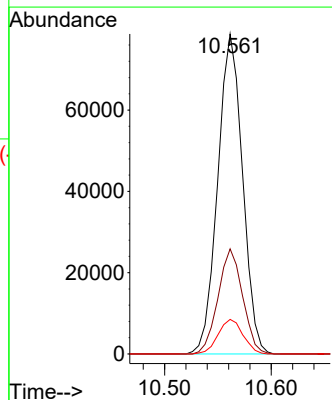
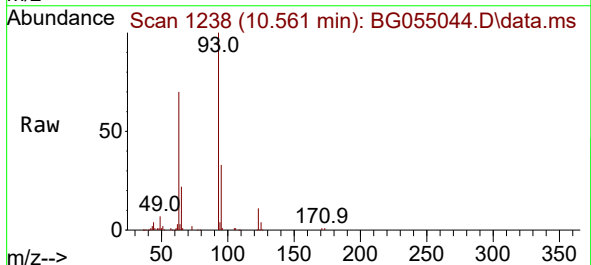
Tgt Ion: 93 Resp: 127112

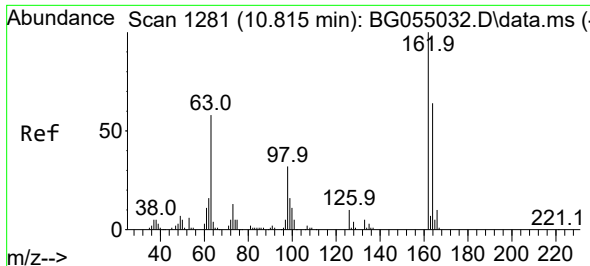
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

123 10.8 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 50.081 ng

RT: 10.808 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

Instrument :

BNA_G

ClientSampleId :

72-11939MSD

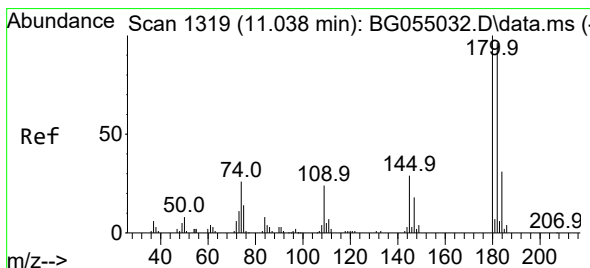
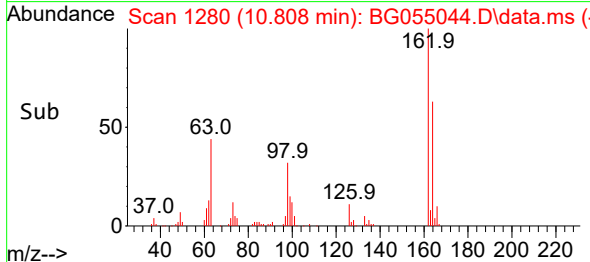
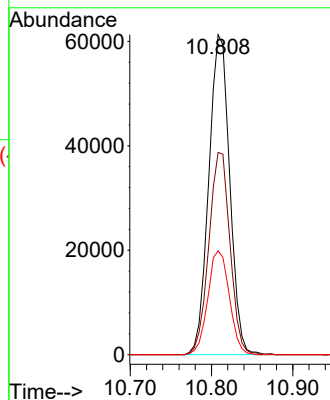
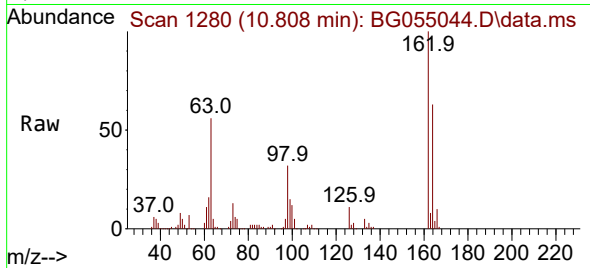
Tgt Ion:162 Resp: 109521

Ion Ratio Lower Upper

162 100

164 63.2 47.2 87.2

98 32.5 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 44.856 ng

RT: 11.031 min Scan# 1318

Delta R.T. -0.007 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

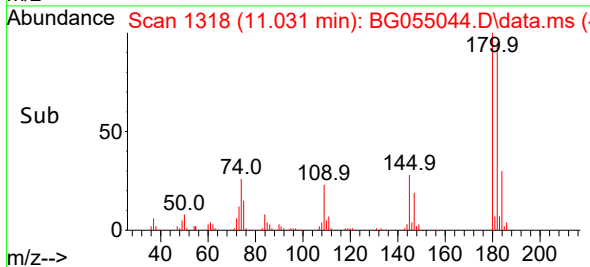
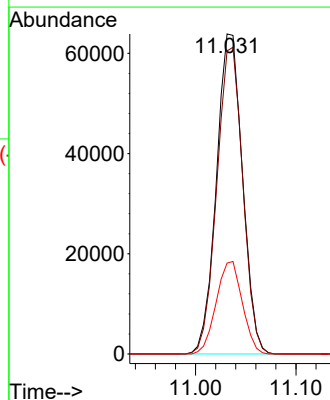
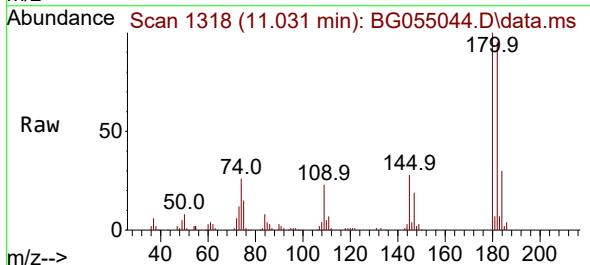
Tgt Ion:180 Resp: 115150

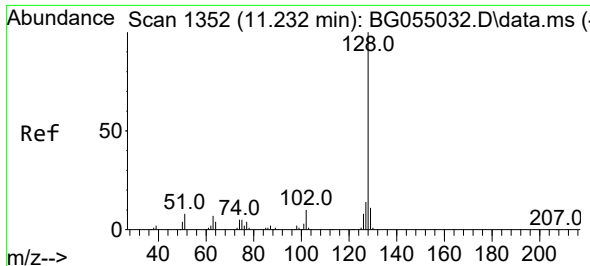
Ion Ratio Lower Upper

180 100

182 94.7 77.0 115.6

145 28.4 24.0 36.0

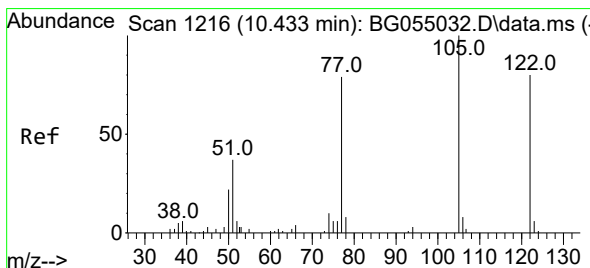
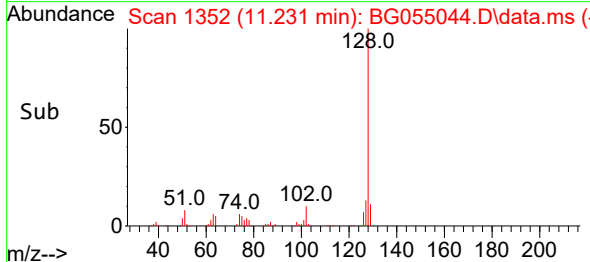
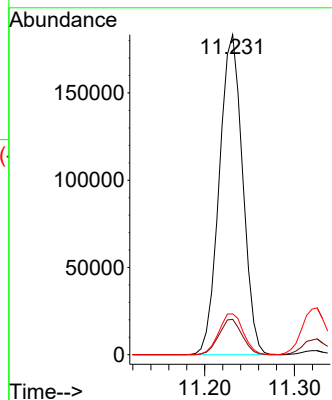
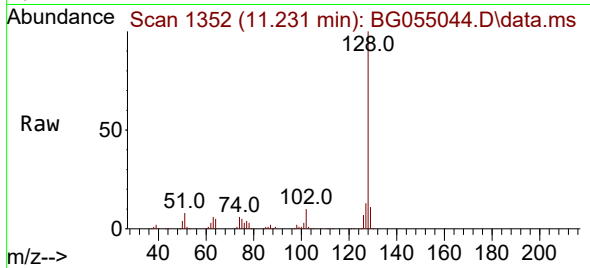




#31
Naphthalene
Concen: 44.115 ng
RT: 11.231 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

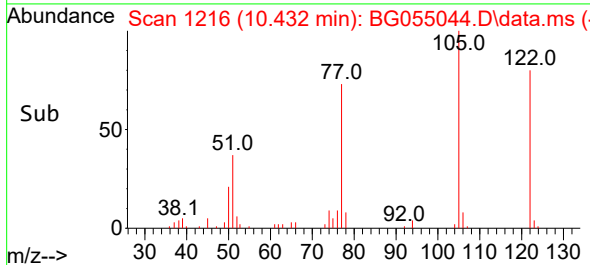
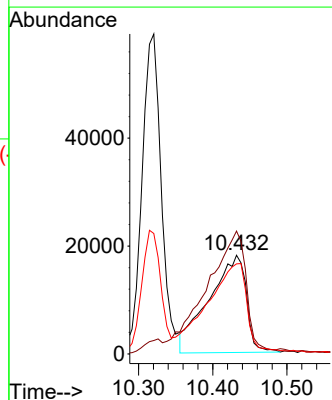
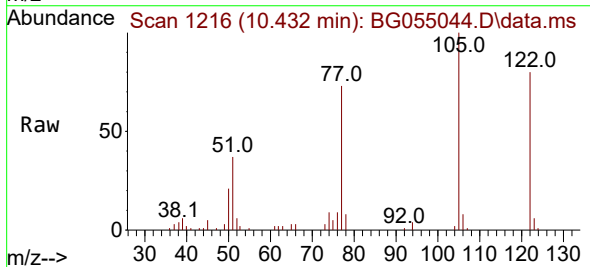
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

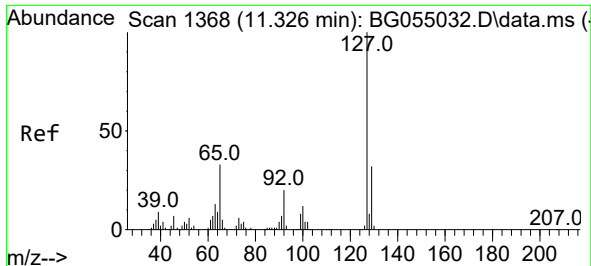
Tgt Ion:128 Resp: 331222
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 12.8 11.1 16.7



#32
Benzoic acid
Concen: 45.099 ng
RT: 10.432 min Scan# 1216
Delta R.T. -0.001 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion:122 Resp: 63097
Ion Ratio Lower Upper
122 100
105 124.5 101.5 141.5
77 91.3 69.3 109.3

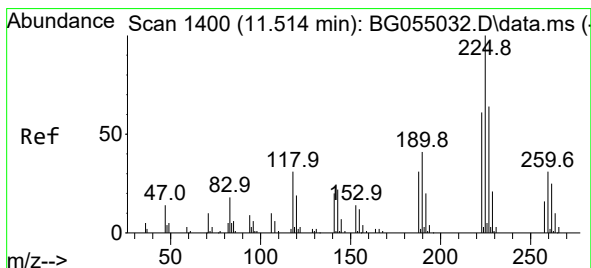
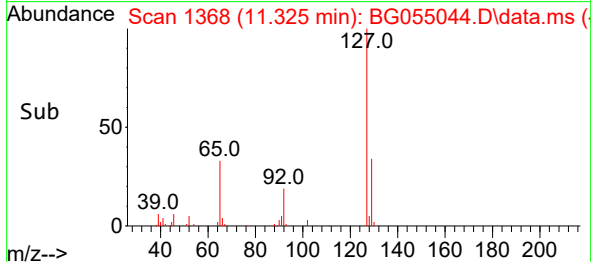
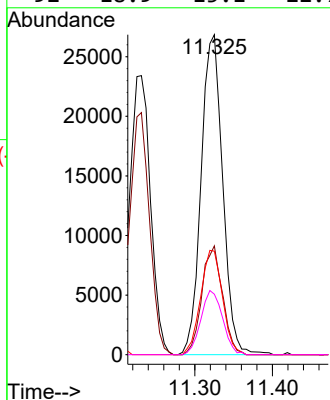
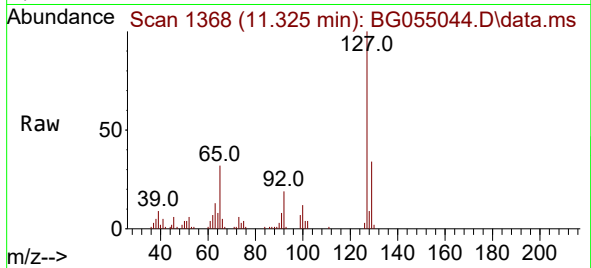




#33
4-Chloroaniline
Concen: 17.030 ng
RT: 11.325 min Scan# 11325
Delta R.T. -0.001 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

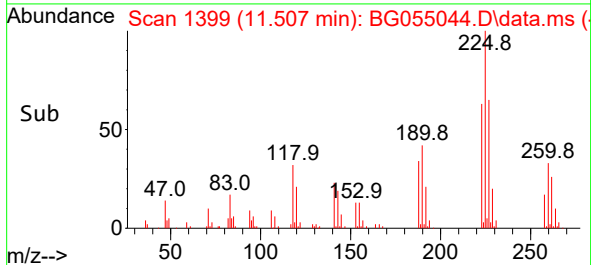
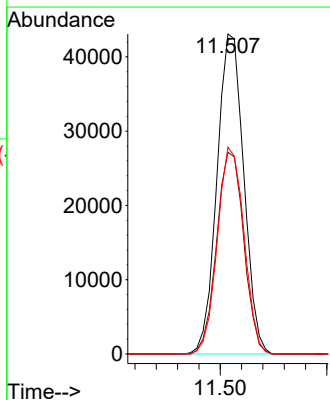
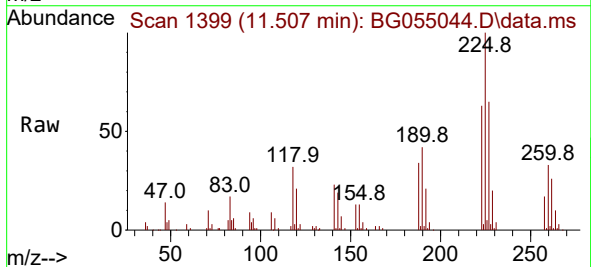
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

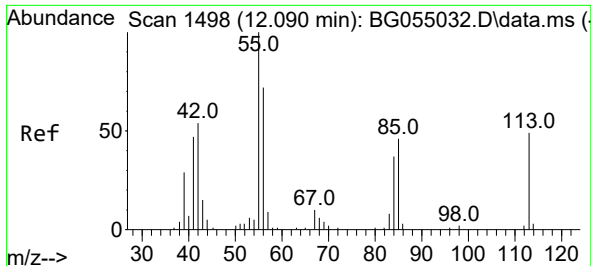
Tgt Ion:127	Resp:	52010
Ion Ratio	Lower	Upper
127	100	
129	34.0	26.0 39.0
65	32.3	25.8 38.8
92	18.9	15.1 22.7



#34
Hexachlorobutadiene
Concen: 44.806 ng
RT: 11.507 min Scan# 1399
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion:225	Resp:	75043
Ion Ratio	Lower	Upper
225	100	
223	63.1	51.4 77.0
227	64.6	52.6 79.0

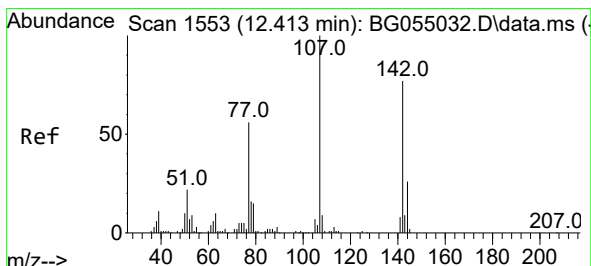
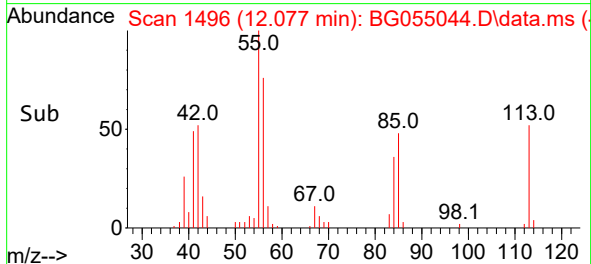
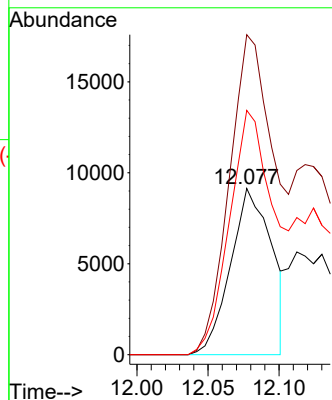
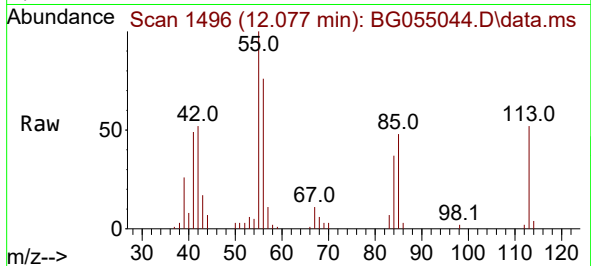




#35
 Caprolactam
 Concen: 25.579 ng
 RT: 12.077 min Scan# 1496
 Delta R.T. -0.012 min
 Lab File: BG055044.D
 Acq: 30 Sep 2022 17:20

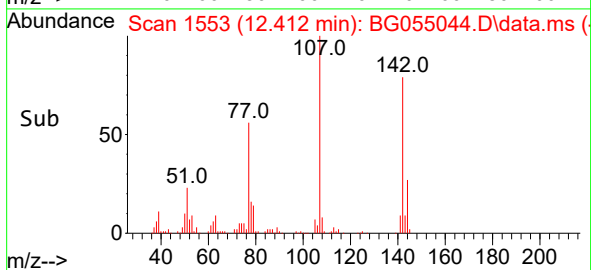
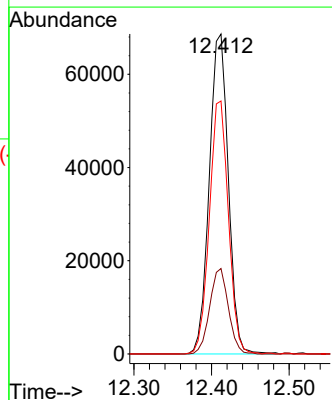
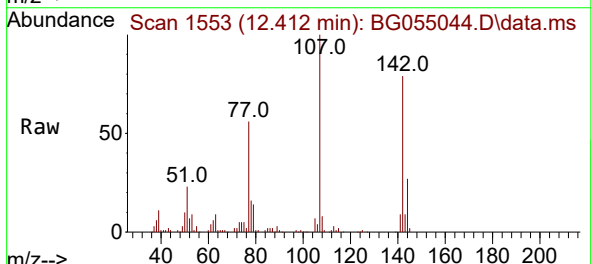
Instrument :
 BNA_G
 ClientSampleId :
 72-11939MSD

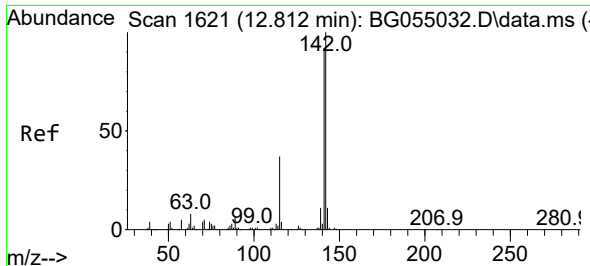
Tgt Ion:113 Resp: 18370
 Ion Ratio Lower Upper
 113 100
 55 192.5 179.1 219.1
 56 147.0 120.8 160.8



#36
 4-Chloro-3-methylphenol
 Concen: 48.523 ng
 RT: 12.412 min Scan# 1553
 Delta R.T. -0.001 min
 Lab File: BG055044.D
 Acq: 30 Sep 2022 17:20

Tgt Ion:107 Resp: 117085
 Ion Ratio Lower Upper
 107 100
 144 26.7 22.4 33.6
 142 79.0 65.8 98.8

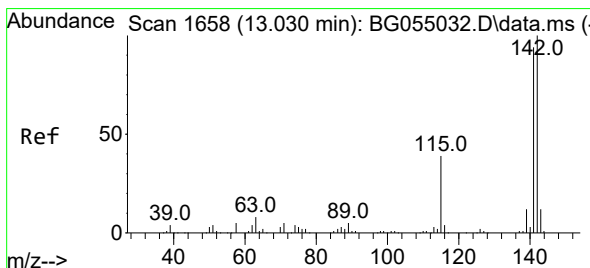
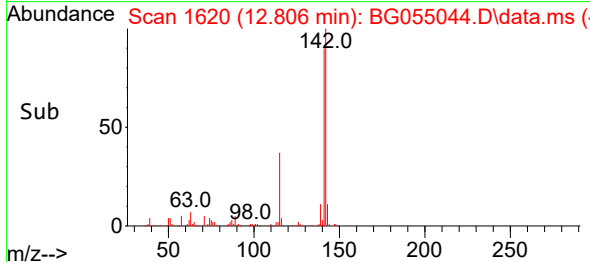
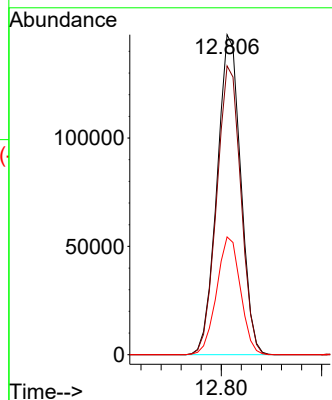
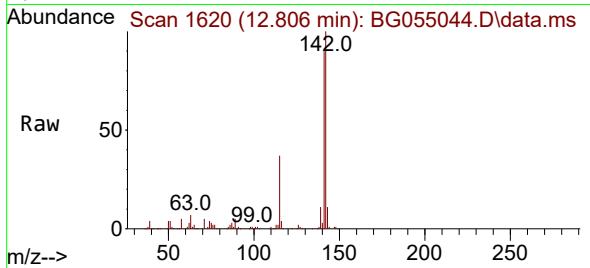




#37
2-Methylnaphthalene
Concen: 44.907 ng
RT: 12.806 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

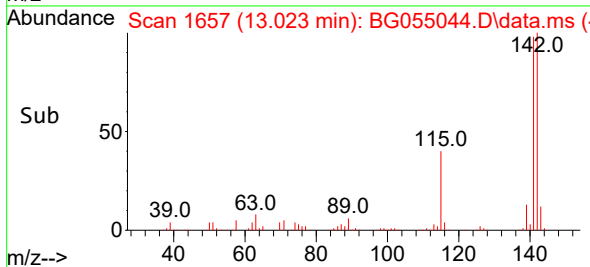
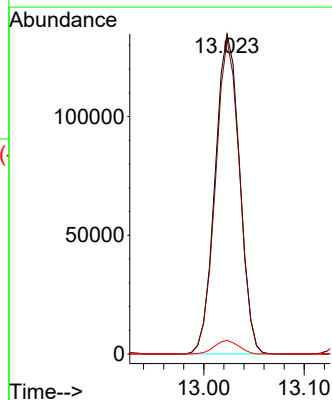
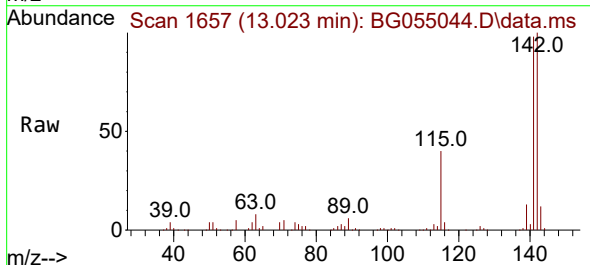
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

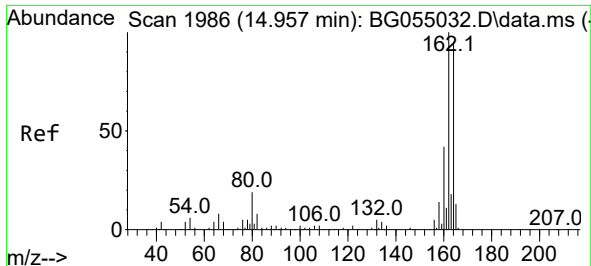
Tgt Ion:142 Resp: 241925
Ion Ratio Lower Upper
142 100
141 90.3 73.0 109.4
115 36.8 27.3 40.9



#38
1-Methylnaphthalene
Concen: 43.939 ng
RT: 13.023 min Scan# 1657
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion:142 Resp: 228534
Ion Ratio Lower Upper
142 100
141 98.1 77.4 116.0
116 4.2 3.0 4.4

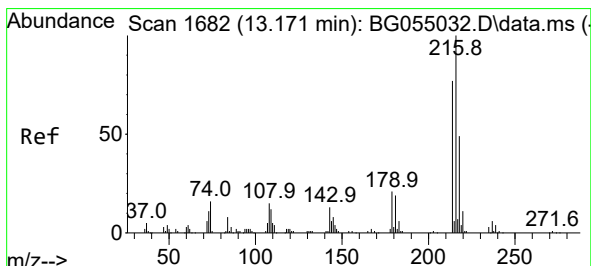
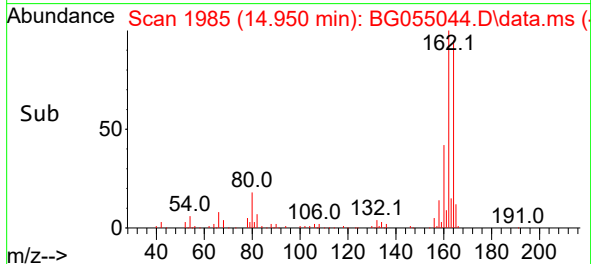
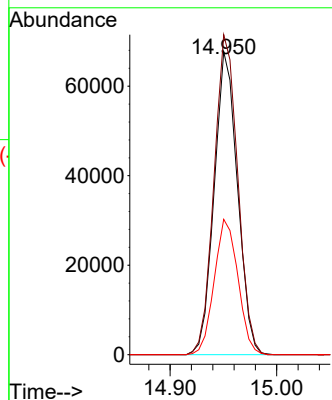
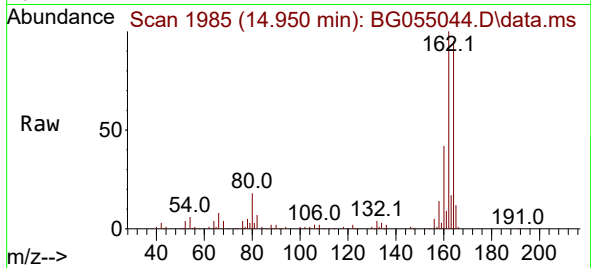




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.950 min Scan# 1985
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

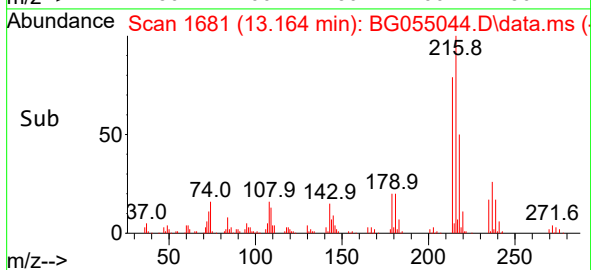
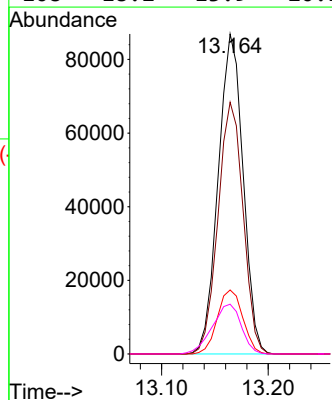
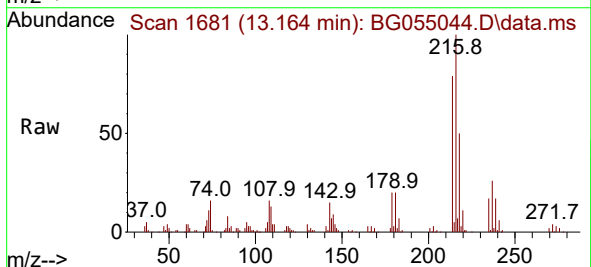
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

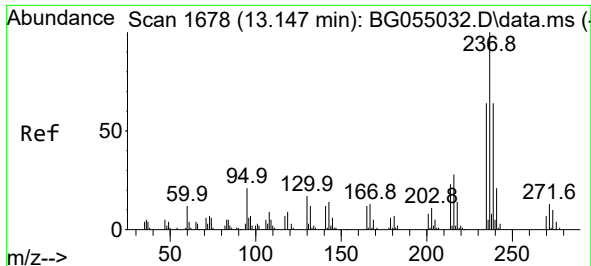
Tgt Ion:164 Resp: 102795
Ion Ratio Lower Upper
164 100
162 105.6 83.0 124.4
160 44.6 38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.621 ng
RT: 13.164 min Scan# 1681
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

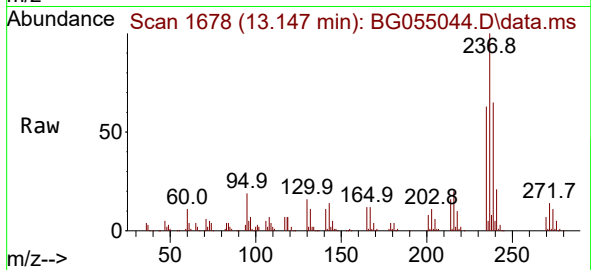
Tgt Ion:216 Resp: 140649
Ion Ratio Lower Upper
216 100
214 79.3 63.2 94.8
179 20.5 16.5 24.7
108 18.2 13.9 20.9



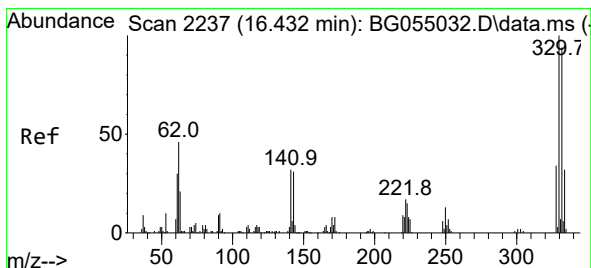
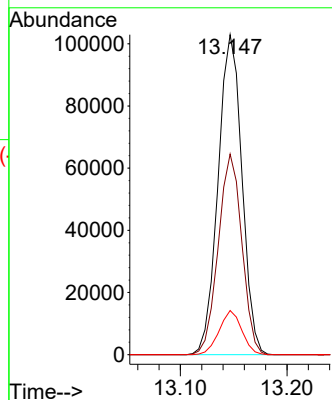
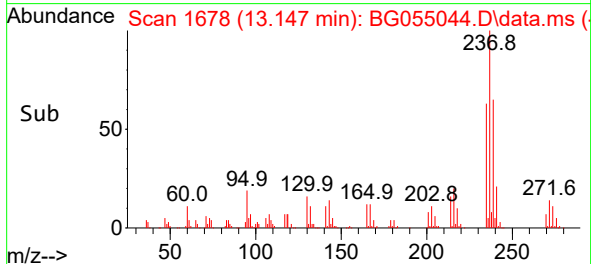


#41
Hexachlorocyclopentadiene
Concen: 104.649 ng
RT: 13.147 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

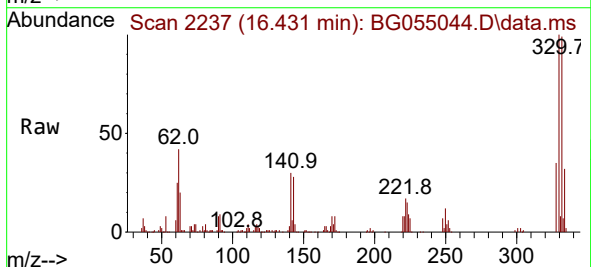
Instrument :
BNA_G
ClientSampleId :
72-11939MSD



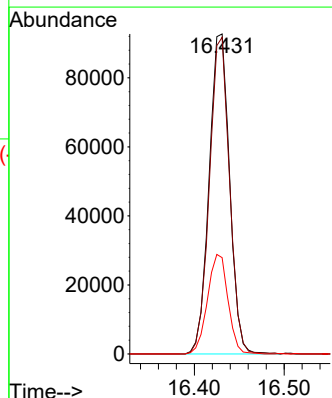
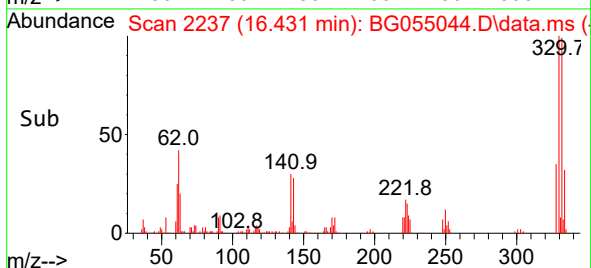
Tgt Ion:237 Resp: 159875
Ion Ratio Lower Upper
237 100
235 62.7 42.2 82.2
272 13.8 0.0 34.0

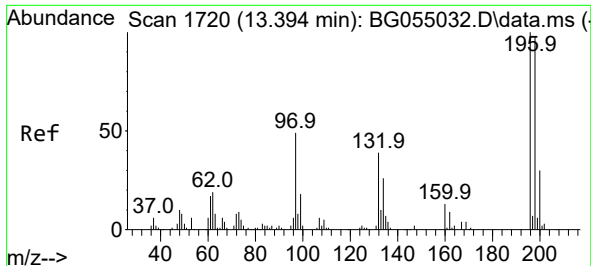


#42
2,4,6-Tribromophenol
Concen: 125.511 ng
RT: 16.431 min Scan# 2237
Delta R.T. -0.001 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20



Tgt Ion:330 Resp: 146398
Ion Ratio Lower Upper
330 100
332 97.2 79.8 119.6
141 31.2 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 50.116 ng

RT: 13.393 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

Instrument :

BNA_G

ClientSampleId :

72-11939MSD

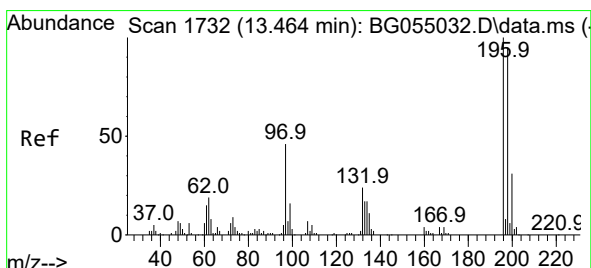
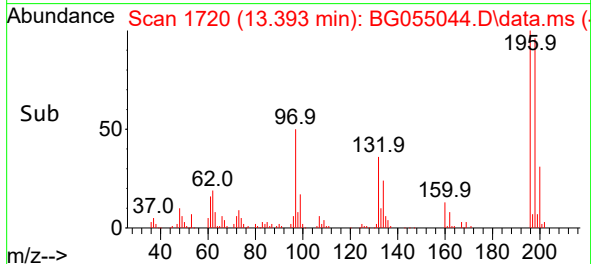
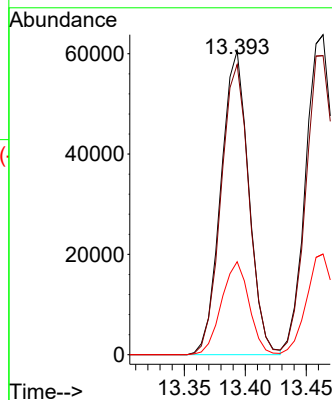
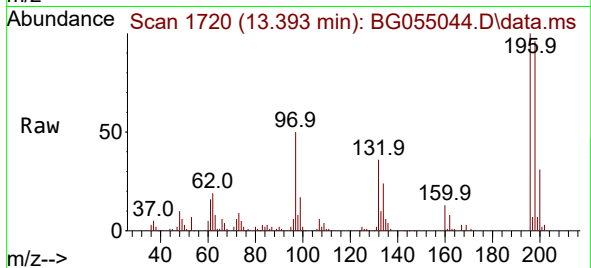
Tgt Ion:196 Resp: 96313

Ion Ratio Lower Upper

196 100

198 95.6 77.1 115.7

200 30.6 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 48.404 ng

RT: 13.464 min Scan# 1732

Delta R.T. -0.001 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

Tgt Ion:196 Resp: 105794

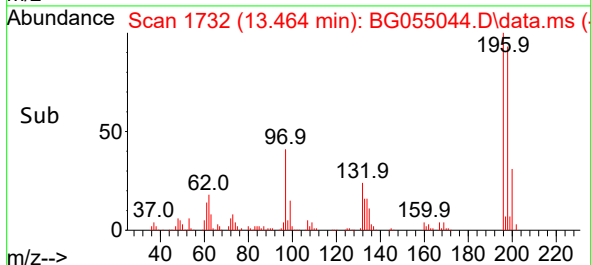
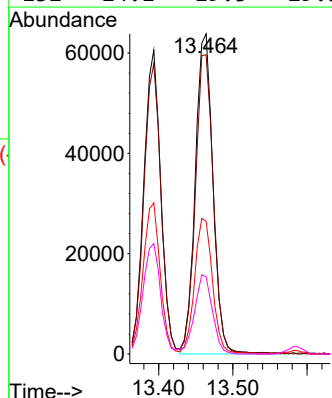
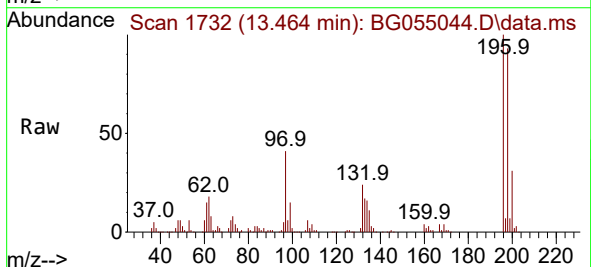
Ion Ratio Lower Upper

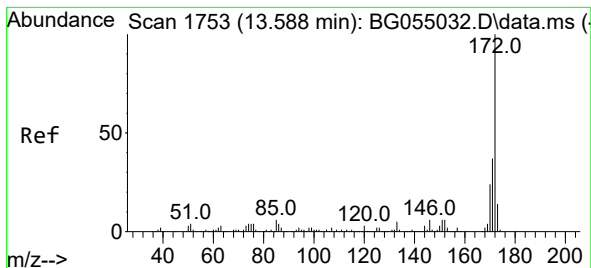
196 100

198 93.5 76.7 115.1

97 41.5 36.6 55.0

132 24.1 19.5 29.3





#45

2-Fluorobiphenyl

Concen: 65.688 ng

RT: 13.581 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

Instrument :

BNA_G

ClientSampleId :

72-11939MSD

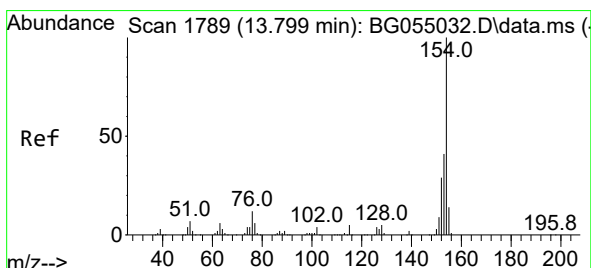
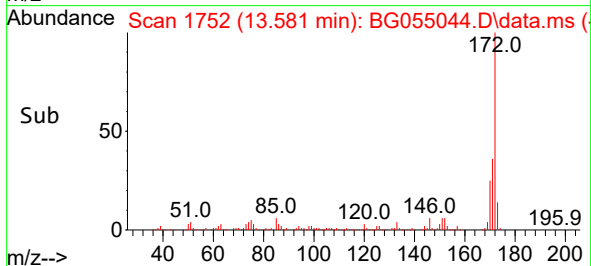
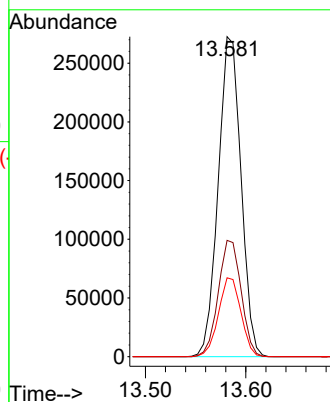
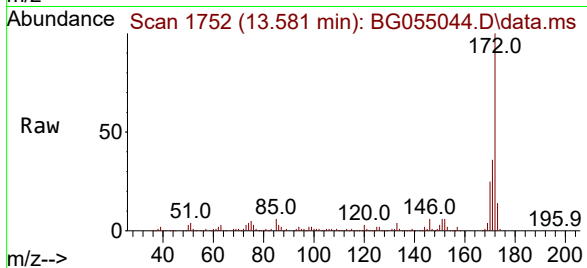
Tgt Ion:172 Resp: 428970

Ion Ratio Lower Upper

172 100

171 36.4 31.2 46.8

170 24.6 20.6 30.8



#46

1,1'-Biphenyl

Concen: 47.027 ng

RT: 13.793 min Scan# 1788

Delta R.T. -0.007 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

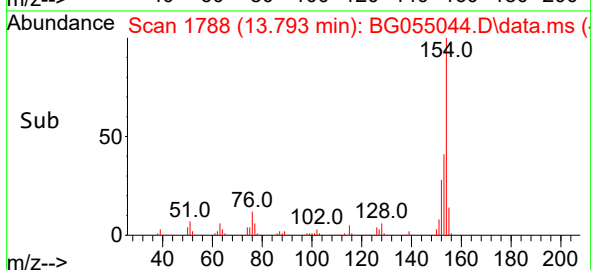
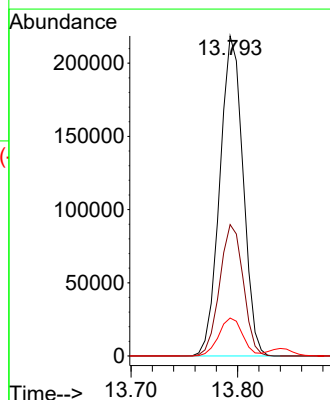
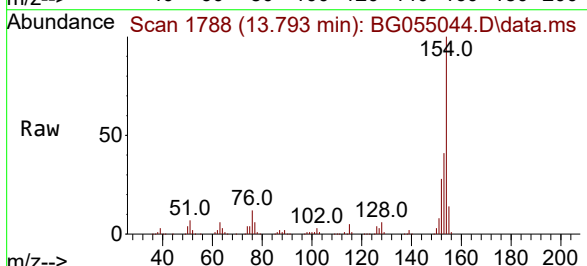
Tgt Ion:154 Resp: 330686

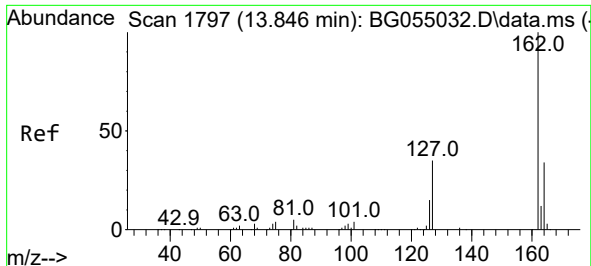
Ion Ratio Lower Upper

154 100

153 41.0 22.2 62.2

76 11.9 0.0 34.0





#47

2-Chloronaphthalene

Concen: 45.322 ng

RT: 13.840 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG055044.D

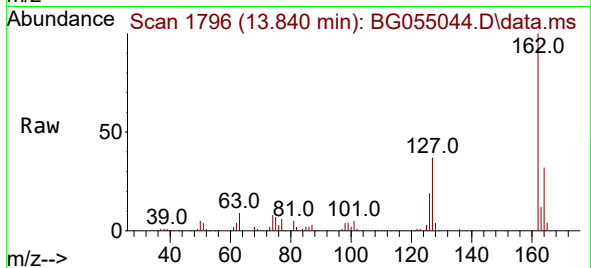
Acq: 30 Sep 2022 17:20

Instrument :

BNA_G

ClientSampleId :

72-11939MSD



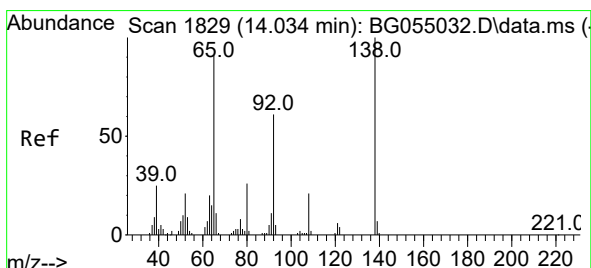
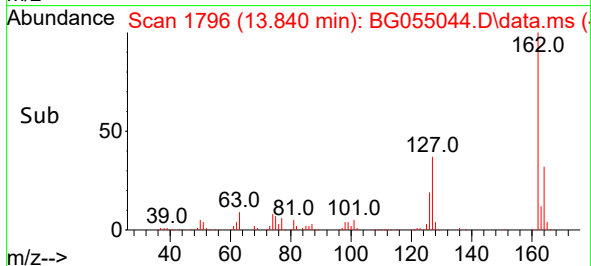
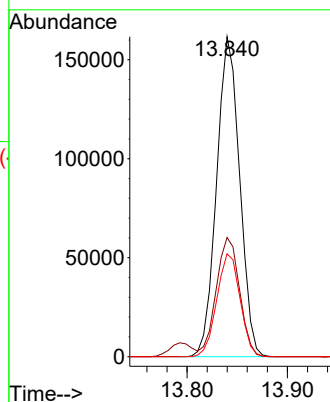
Tgt Ion:162 Resp: 257563

Ion Ratio Lower Upper

162 100

127 37.3 31.5 47.3

164 32.2 27.8 41.6



#48

2-Nitroaniline

Concen: 43.719 ng

RT: 14.028 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

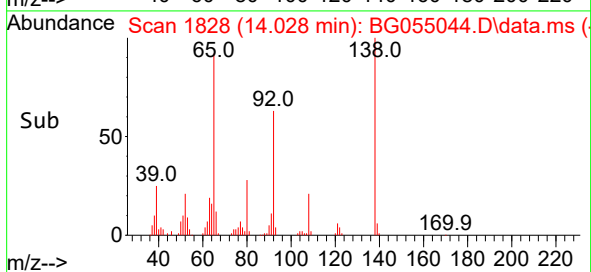
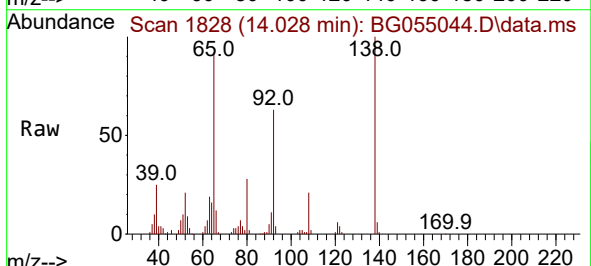
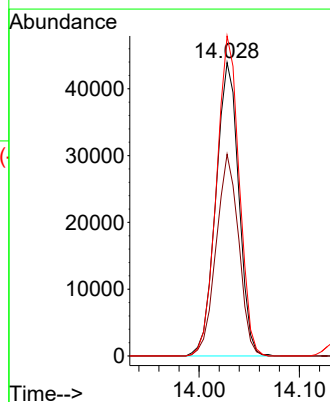
Tgt Ion: 65 Resp: 69531

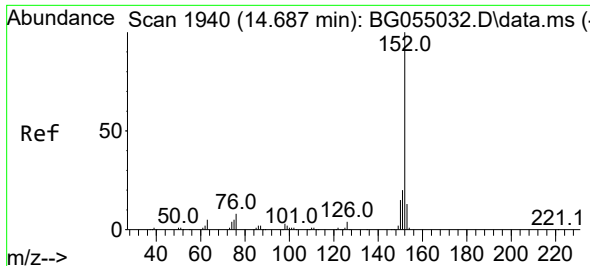
Ion Ratio Lower Upper

65 100

92 68.8 54.7 82.1

138 109.0 84.1 126.1

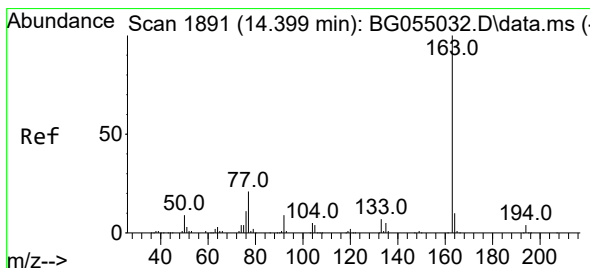
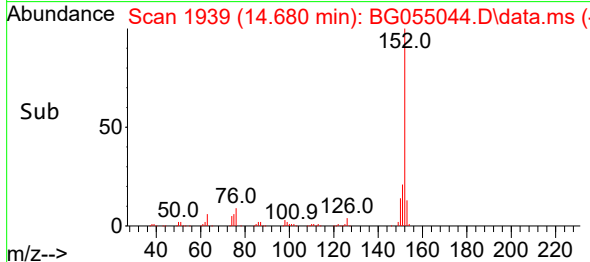
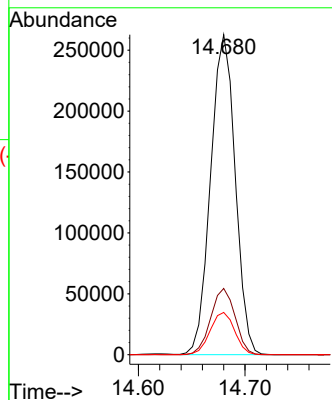
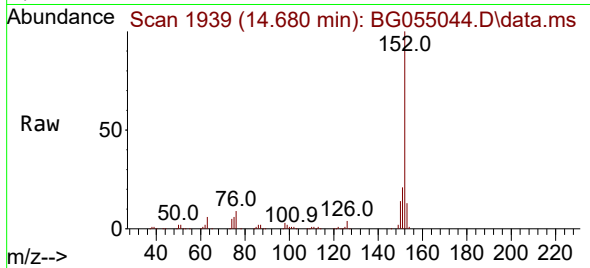




#49
Acenaphthylene
Concen: 45.606 ng
RT: 14.680 min Scan# 1940
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

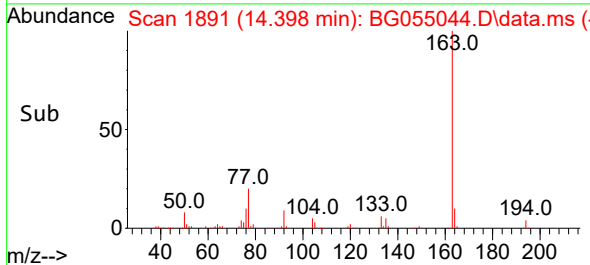
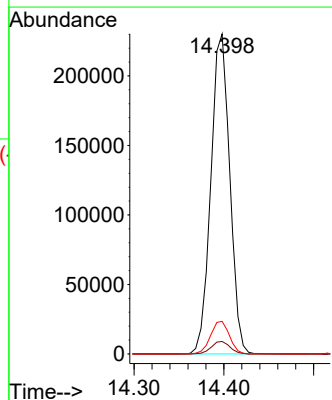
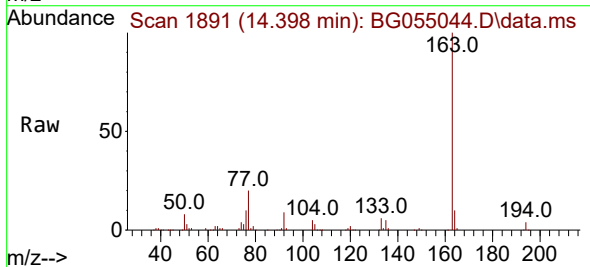
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

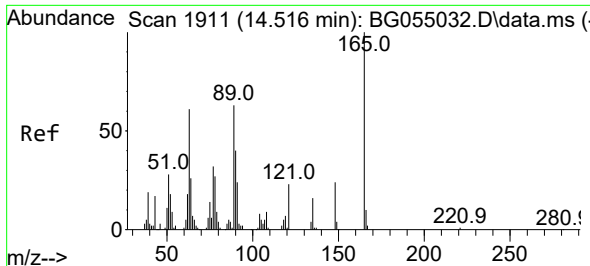
Tgt Ion:152 Resp: 420555
Ion Ratio Lower Upper
152 100
151 20.7 17.3 25.9
153 13.2 10.8 16.2



#50
Dimethylphthalate
Concen: 43.801 ng
RT: 14.398 min Scan# 1891
Delta R.T. -0.001 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion:163 Resp: 336486
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.2 8.0 12.0

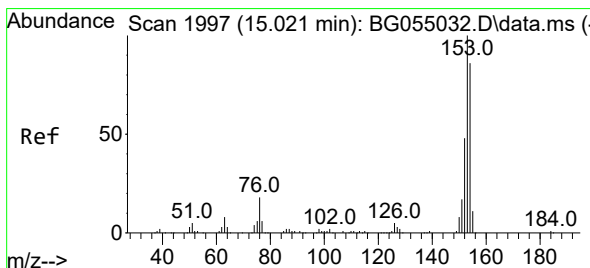
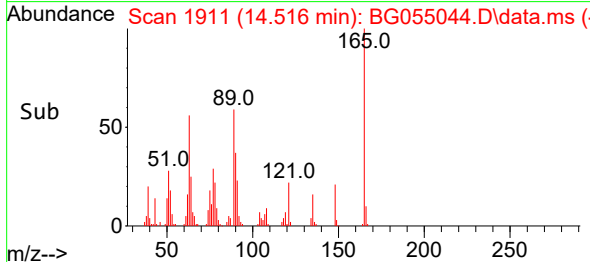
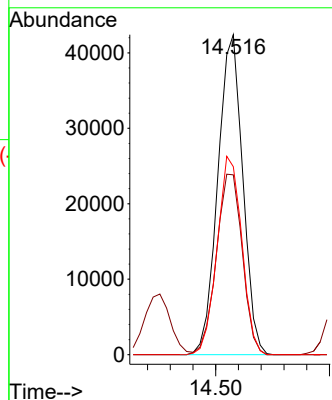
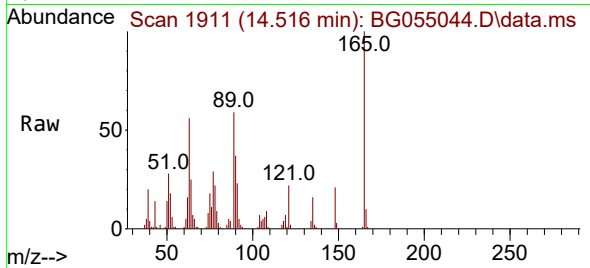




#51
2,6-Dinitrotoluene
Concen: 44.704 ng
RT: 14.516 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

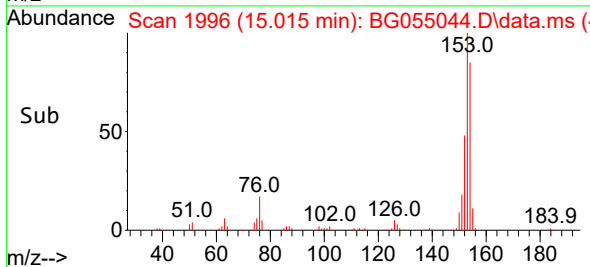
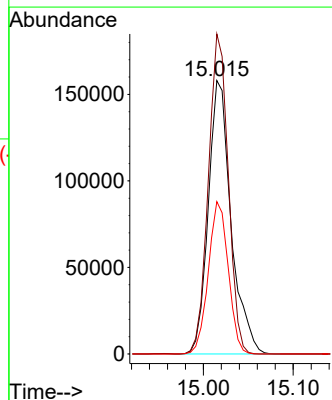
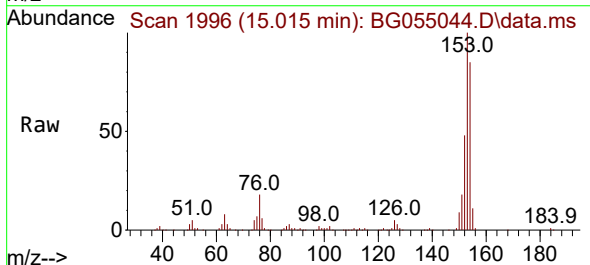
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

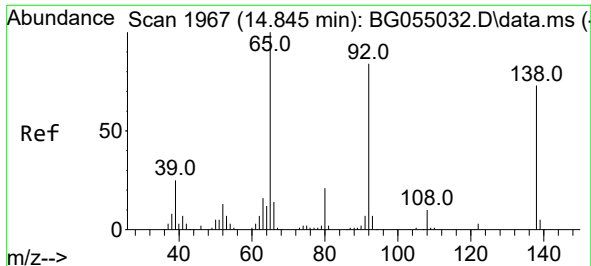
Tgt Ion:165 Resp: 64525
Ion Ratio Lower Upper
165 100
63 56.2 46.0 69.0
89 58.7 50.3 75.5



#52
Acenaphthene
Concen: 48.606 ng
RT: 15.015 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion:154 Resp: 278232
Ion Ratio Lower Upper
154 100
153 117.0 92.8 139.2
152 55.7 45.4 68.2

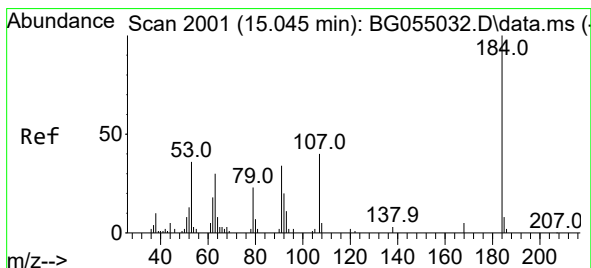
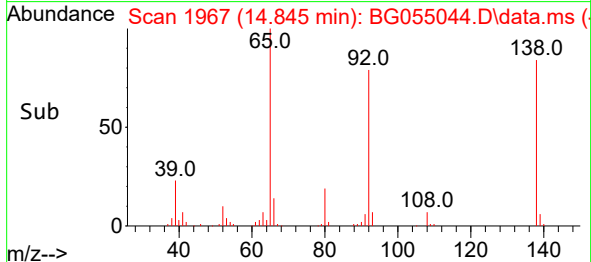
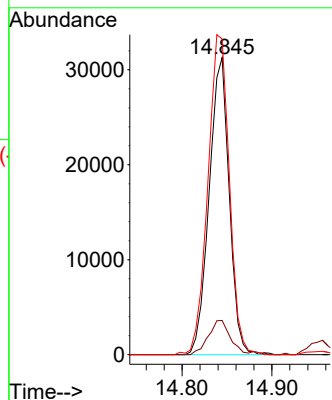
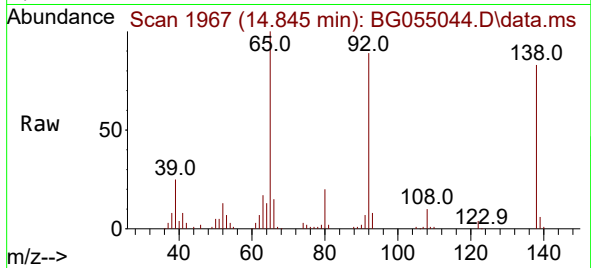




#53
3-Nitroaniline
Concen: 30.050 ng
RT: 14.845 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

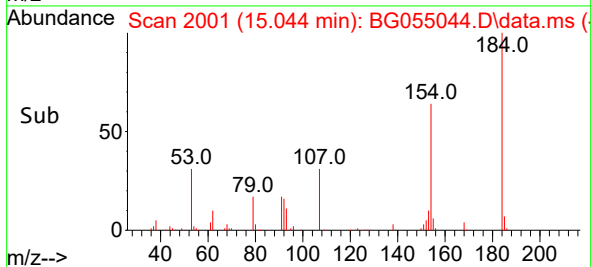
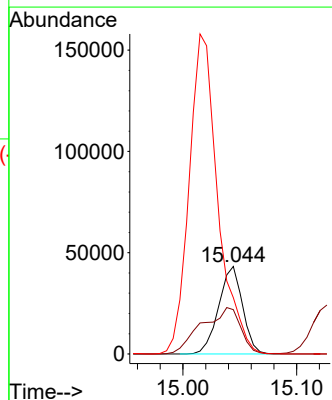
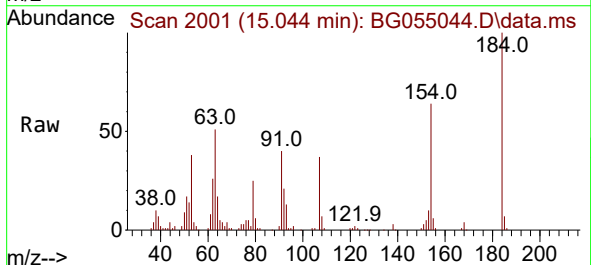
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

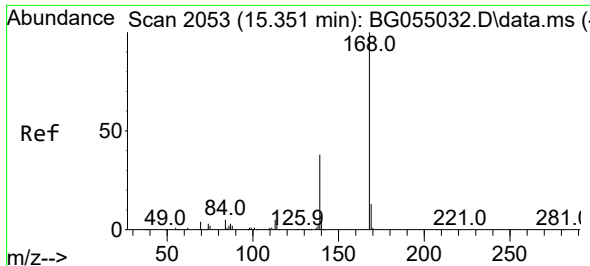
Tgt Ion:138 Resp: 48570
Ion Ratio Lower Upper
138 100
108 11.5 7.6 11.4#
92 106.3 96.0 144.0



#54
2,4-Dinitrophenol
Concen: 97.133 ng
RT: 15.044 min Scan# 2001
Delta R.T. -0.001 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion:184 Resp: 62937
Ion Ratio Lower Upper
184 100
63 50.8 41.8 62.8
154 64.3 45.2 67.8

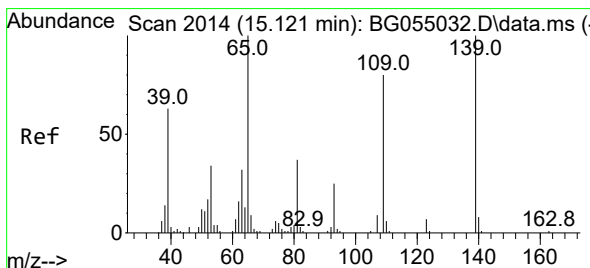
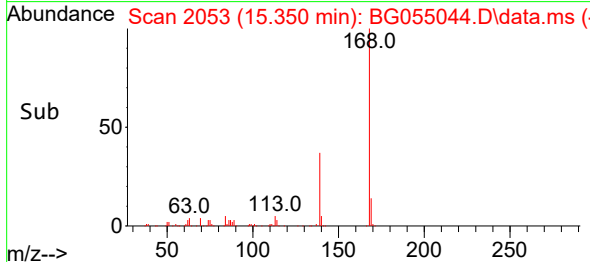
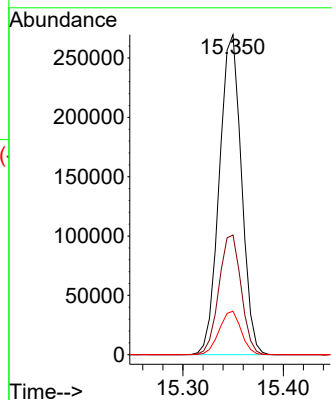
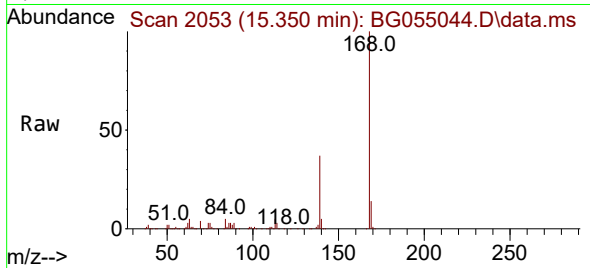




#55
Dibenzofuran
Concen: 44.610 ng
RT: 15.350 min Scan# 2053
Delta R.T. -0.001 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

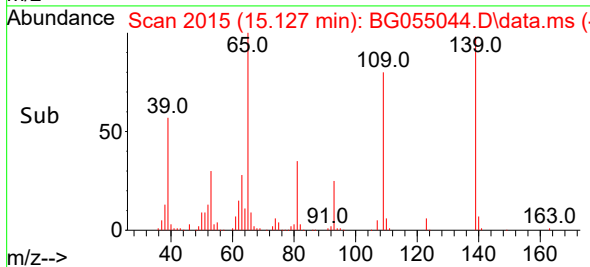
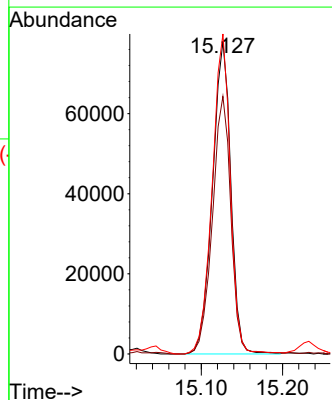
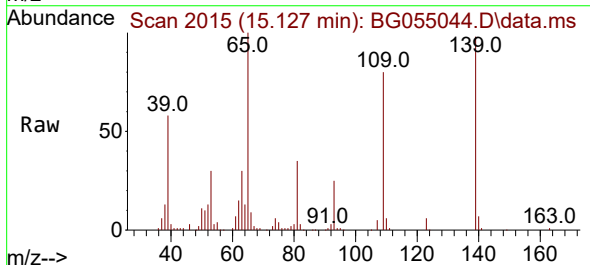
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

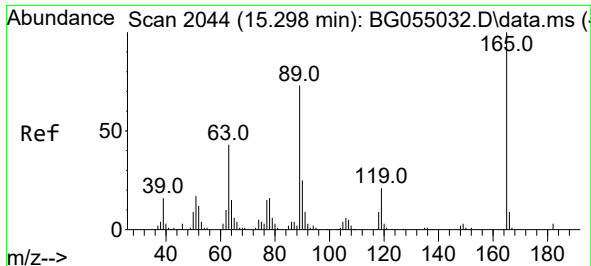
Tgt Ion:168 Resp: 412725
Ion Ratio Lower Upper
168 100
139 37.4 30.2 45.2
169 13.6 11.3 16.9



#56
4-Nitrophenol
Concen: 98.298 ng
RT: 15.127 min Scan# 2015
Delta R.T. 0.005 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion:139 Resp: 122211
Ion Ratio Lower Upper
139 100
109 82.5 50.5 90.5
65 102.5 79.9 119.9





#57

2,4-Dinitrotoluene

Concen: 45.007 ng

RT: 15.291 min Scan# 2043

Delta R.T. -0.007 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

Instrument :

BNA_G

ClientSampleId :

72-11939MSD

Tgt Ion:165 Resp: 88794

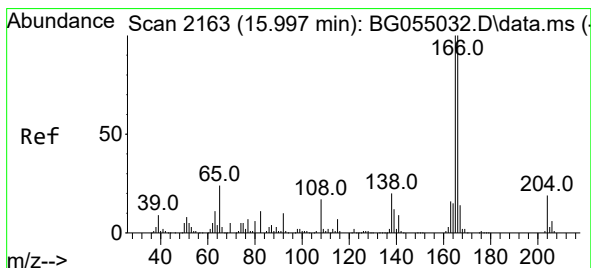
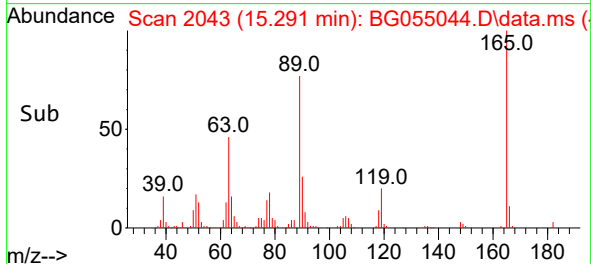
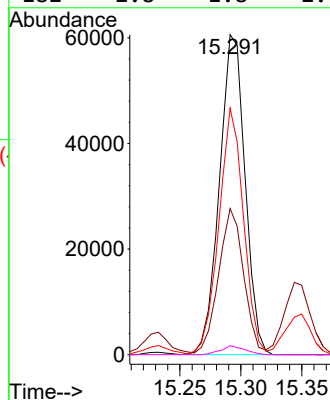
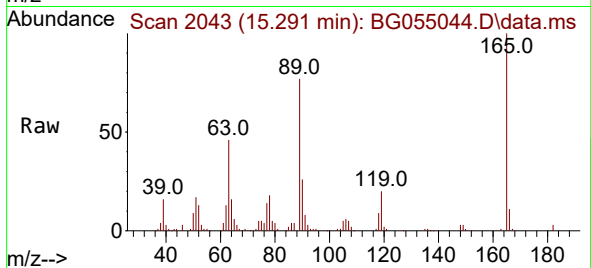
Ion Ratio Lower Upper

165 100

63 45.7 36.8 55.2

89 77.0 64.3 96.5

182 2.8 1.8 2.6#



#58

Fluorene

Concen: 44.161 ng

RT: 15.990 min Scan# 2162

Delta R.T. -0.007 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

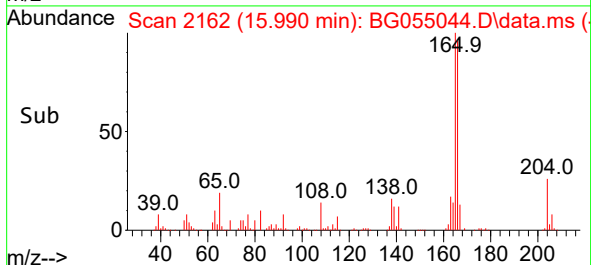
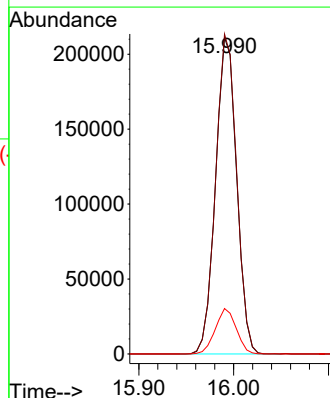
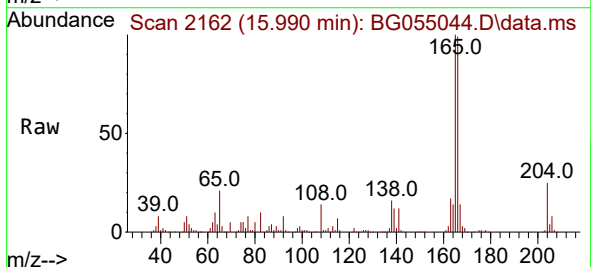
Tgt Ion:166 Resp: 326219

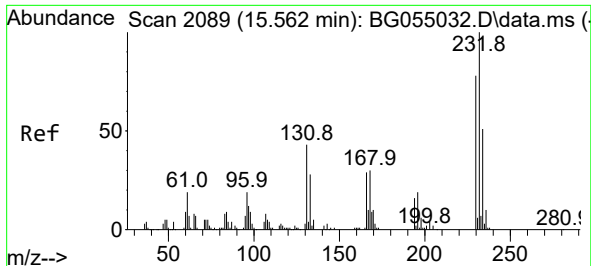
Ion Ratio Lower Upper

166 100

165 101.1 80.8 121.2

167 14.4 11.4 17.0

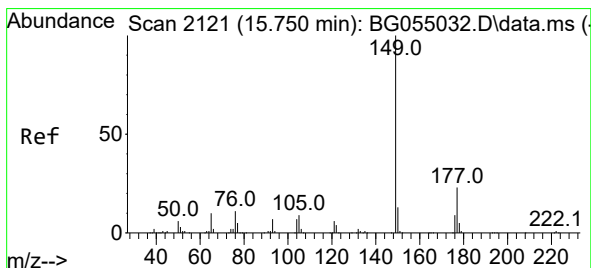
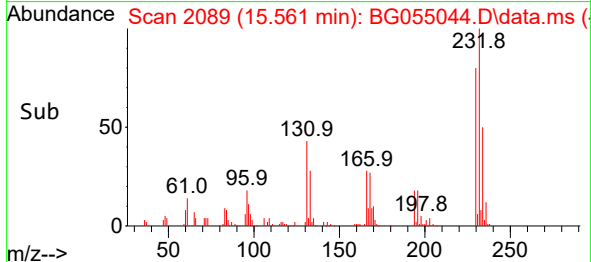
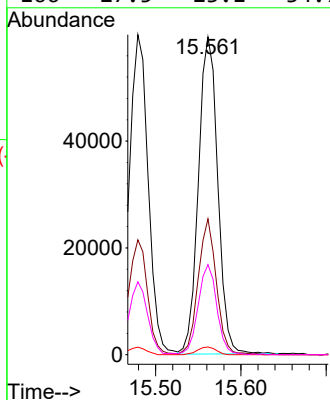
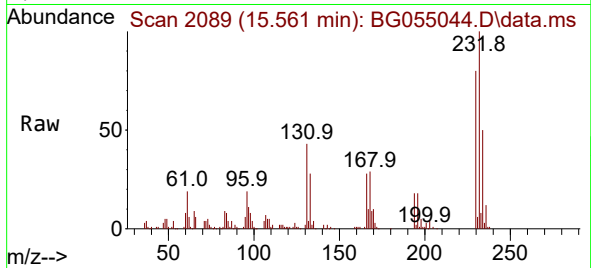




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.531 ng
RT: 15.561 min Scan# 2089
Delta R.T. -0.001 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

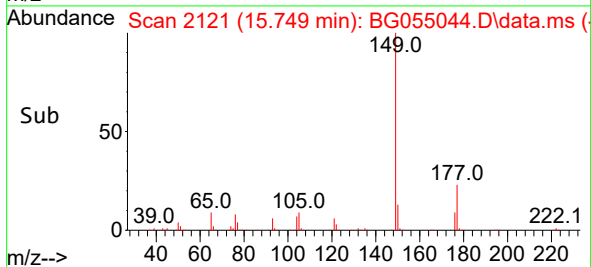
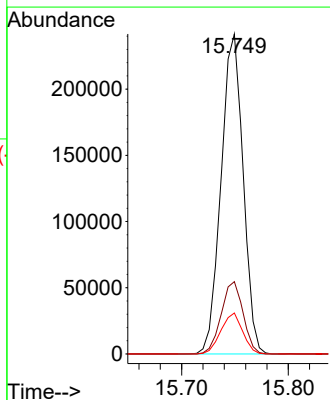
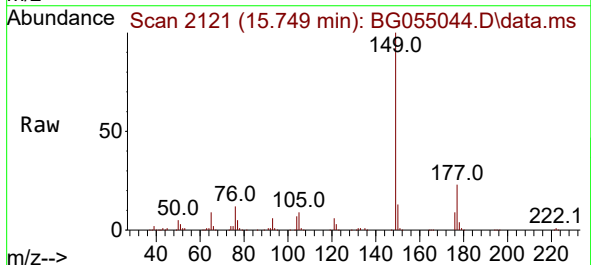
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

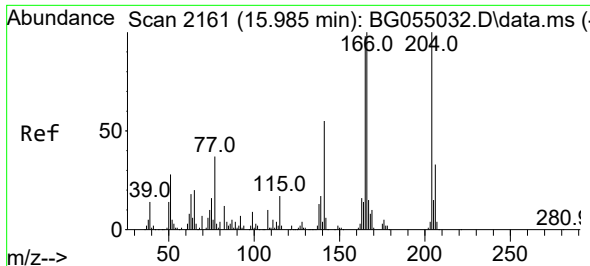
Tgt Ion:	232	Resp:	93595
Ion Ratio	Lower	Upper	
232	100		
131	40.4	31.3	46.9
130	2.3	1.8	2.6
166	27.5	23.1	34.7



#60
Diethylphthalate
Concen: 43.761 ng
RT: 15.749 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion:	149	Resp:	346864
Ion Ratio	Lower	Upper	
149	100		
177	22.6	17.8	26.6
150	12.8	10.1	15.1

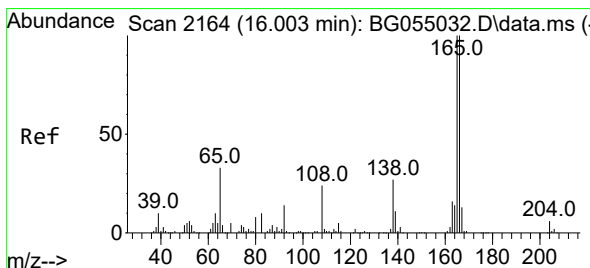
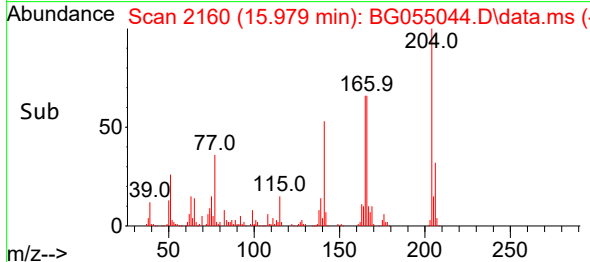
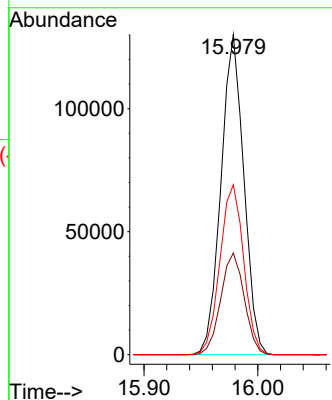
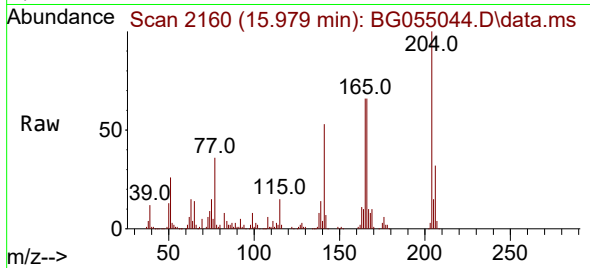




#61
4-Chlorophenyl-phenylether
Concen: 45.950 ng
RT: 15.979 min Scan# 2161
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

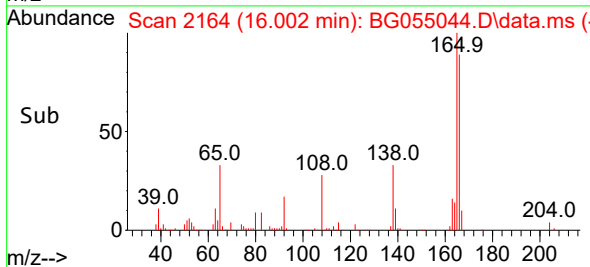
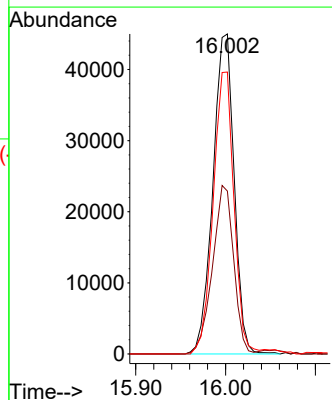
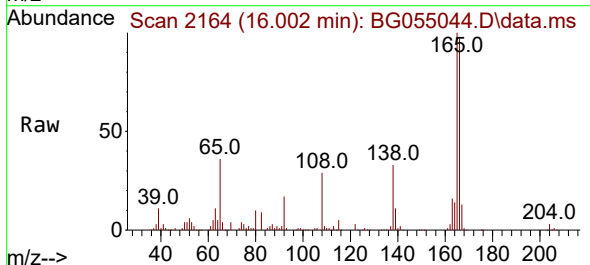
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

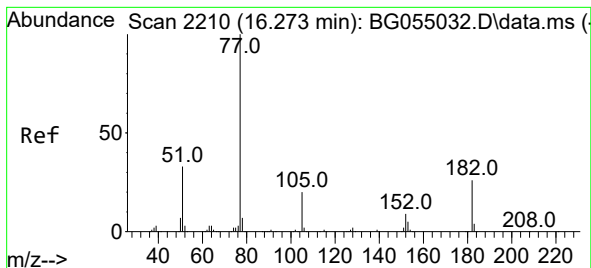
Tgt Ion:204 Resp: 181559
Ion Ratio Lower Upper
204 100
206 31.8 26.6 39.8
141 53.1 44.9 67.3



#62
4-Nitroaniline
Concen: 45.230 ng
RT: 16.002 min Scan# 2164
Delta R.T. -0.001 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion:138 Resp: 73971
Ion Ratio Lower Upper
138 100
92 50.9 34.7 74.7
108 88.1 56.2 96.2





#63

Azobenzene

Concen: 42.440 ng

RT: 16.272 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

Instrument :

BNA_G

ClientSampleId :

72-11939MSD

Tgt Ion: 77 Resp: 315642

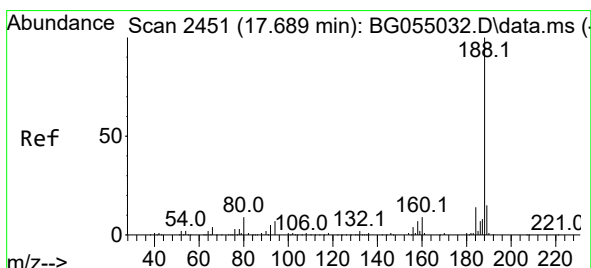
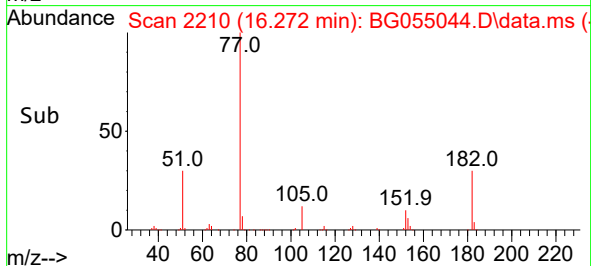
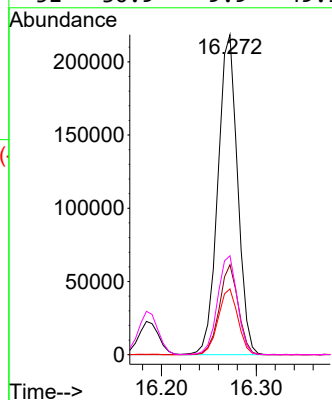
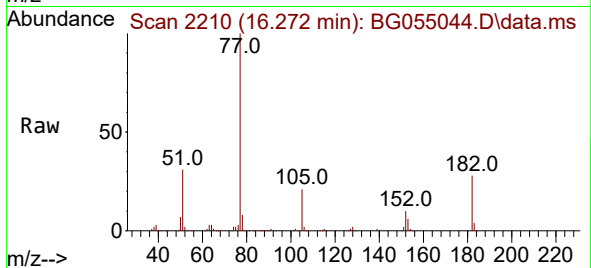
Ion Ratio Lower Upper

77 100

182 28.1 5.1 45.1

105 20.6 0.7 40.7

51 30.9 9.9 49.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.688 min Scan# 2451

Delta R.T. -0.001 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

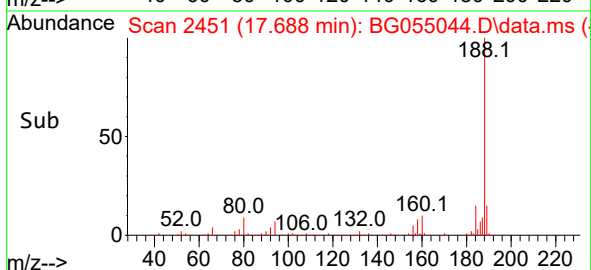
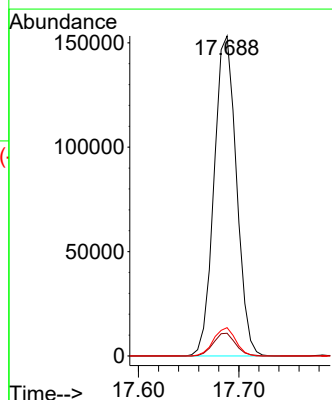
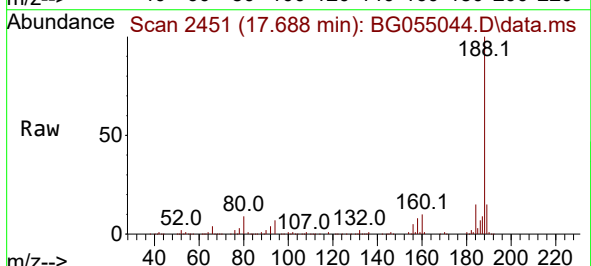
Tgt Ion:188 Resp: 236760

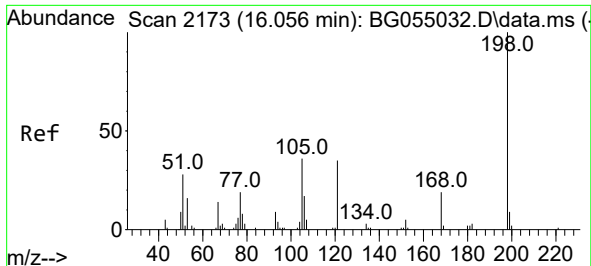
Ion Ratio Lower Upper

188 100

94 7.1 7.0 10.4

80 8.9 7.9 11.9

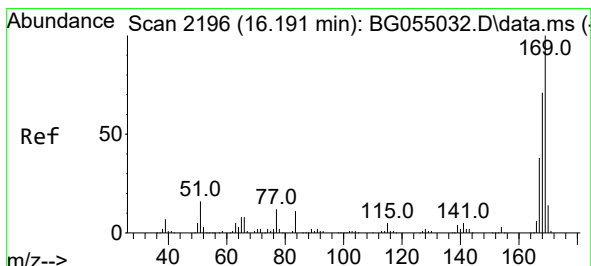
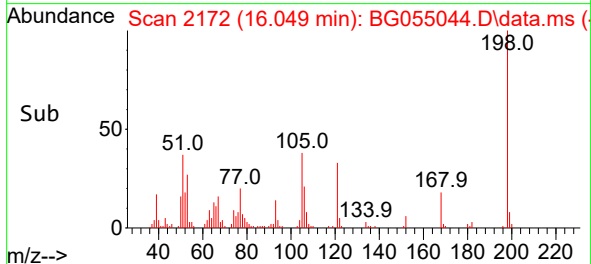
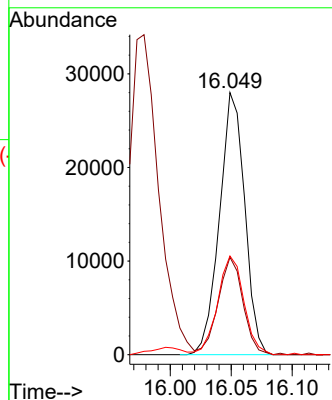
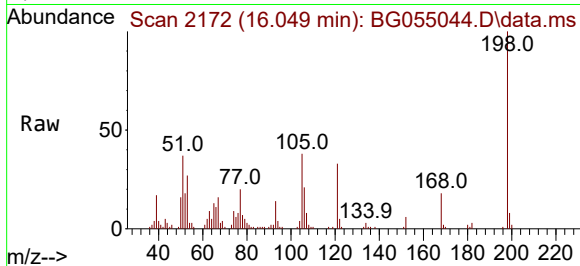




#65
4,6-Dinitro-2-methylphenol
Concen: 44.189 ng
RT: 16.049 min Scan# 2173
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

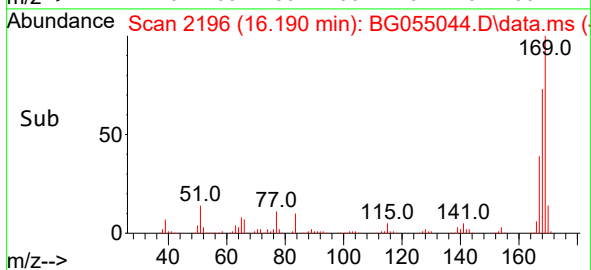
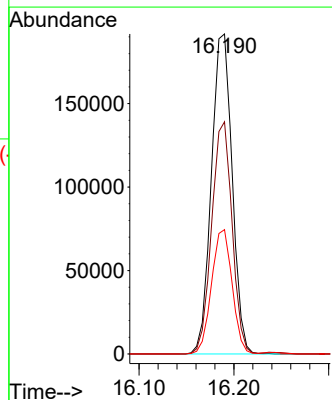
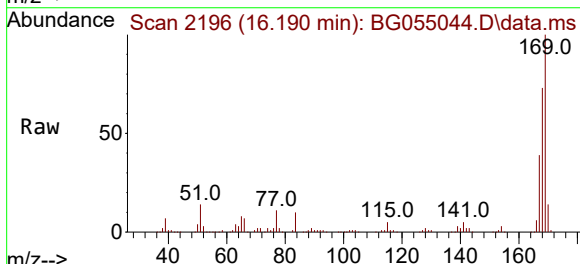
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

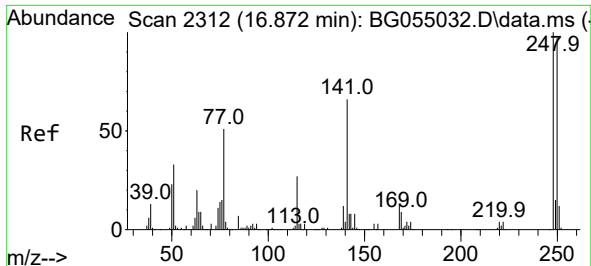
Tgt Ion:198 Resp: 40278
Ion Ratio Lower Upper
198 100
51 37.2 19.9 59.9
105 37.7 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 45.743 ng
RT: 16.190 min Scan# 2196
Delta R.T. -0.001 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion:169 Resp: 291540
Ion Ratio Lower Upper
169 100
168 72.5 55.6 83.4
167 38.9 30.9 46.3

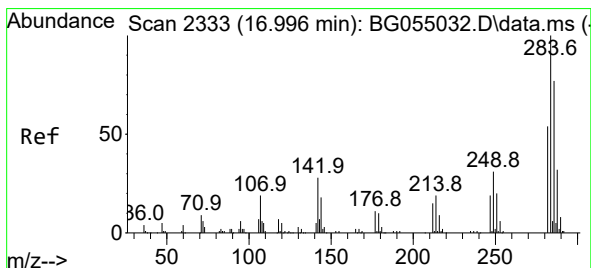
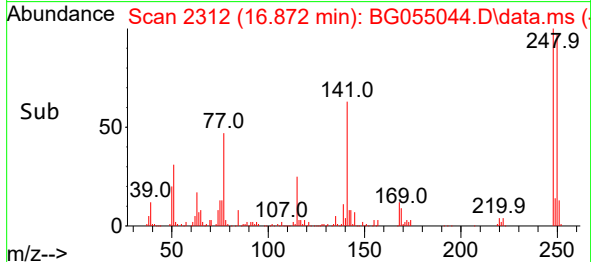
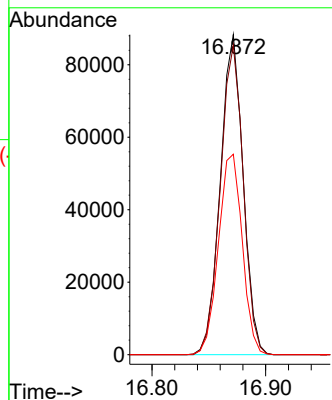
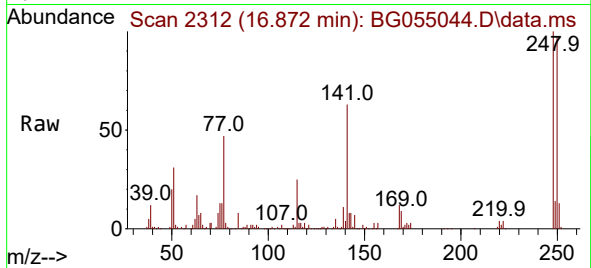




#67
4-Bromophenyl-phenylether
Concen: 48.242 ng
RT: 16.872 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

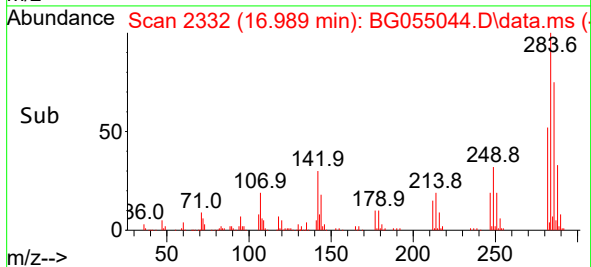
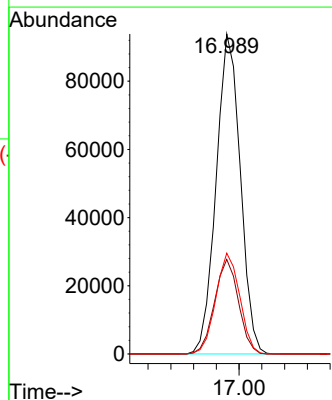
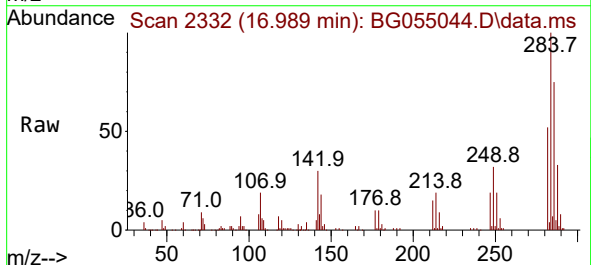
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

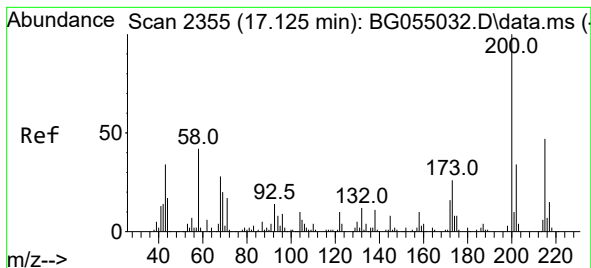
Tgt Ion:248 Resp: 123034
Ion Ratio Lower Upper
248 100
250 96.7 78.8 118.2
141 62.7 51.9 77.9



#68
Hexachlorobenzene
Concen: 48.016 ng
RT: 16.989 min Scan# 2332
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion:284 Resp: 138316
Ion Ratio Lower Upper
284 100
142 29.6 25.0 37.6
249 31.5 24.5 36.7





#69

Atrazine

Concen: 51.990 ng

RT: 17.124 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

Instrument :

BNA_G

ClientSampleId :

72-11939MSD

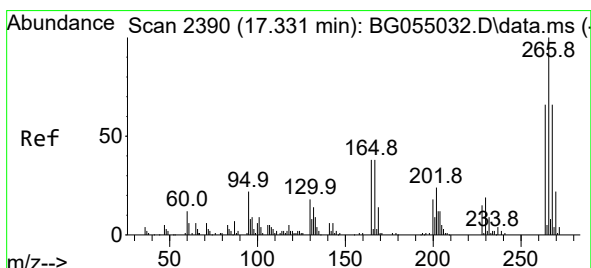
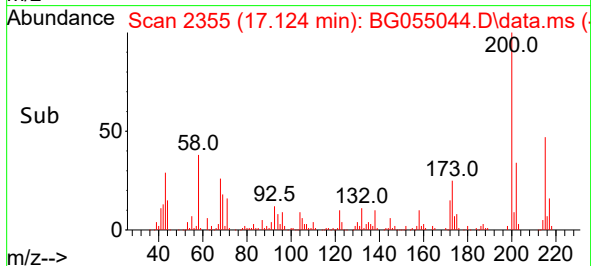
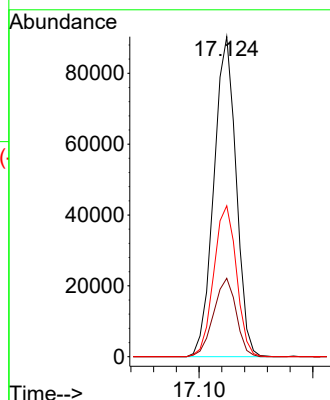
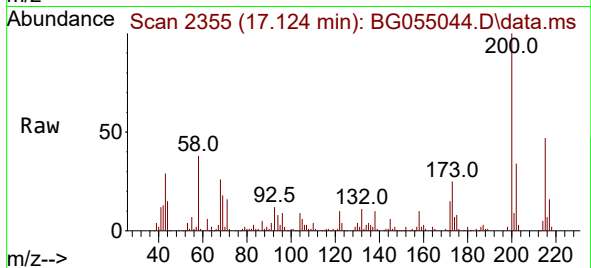
Tgt Ion:200 Resp: 122811

Ion Ratio Lower Upper

200 100

173 24.5 5.6 45.6

215 47.1 28.2 68.2



#70

Pentachlorophenol

Concen: 99.730 ng

RT: 17.330 min Scan# 2390

Delta R.T. -0.001 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

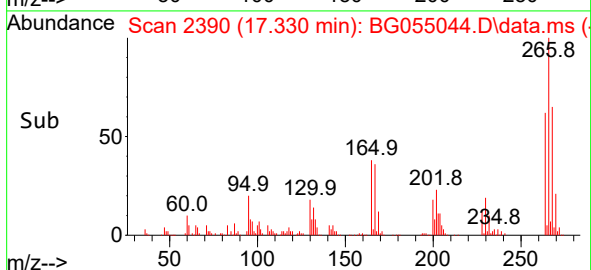
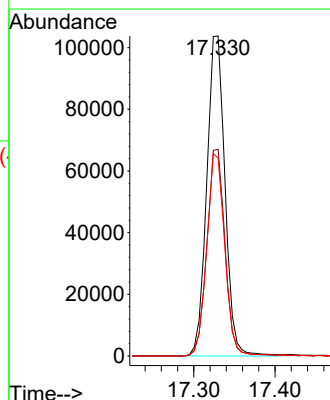
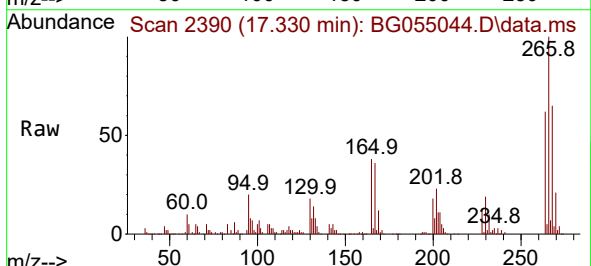
Tgt Ion:266 Resp: 161762

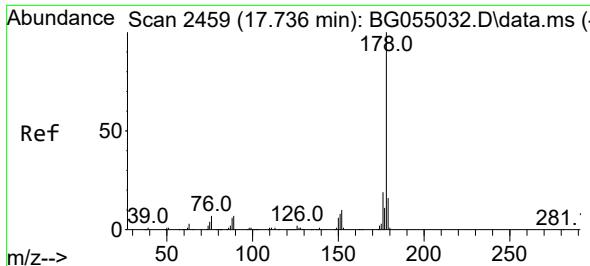
Ion Ratio Lower Upper

266 100

268 64.6 51.2 76.8

264 61.8 49.4 74.0

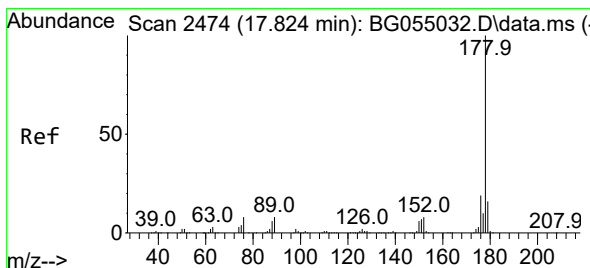
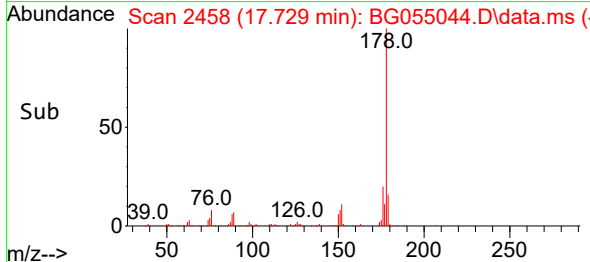
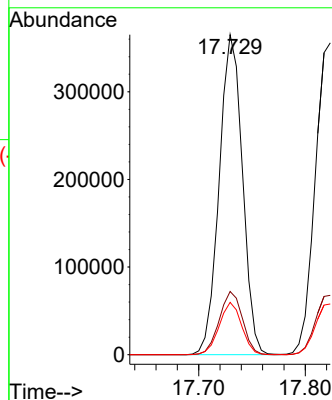
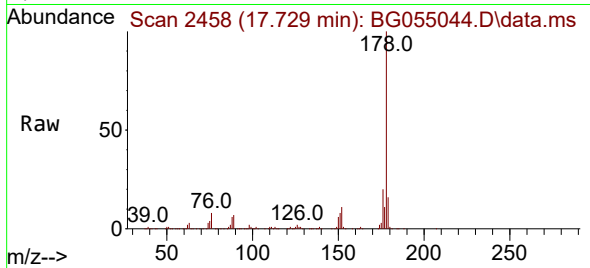




#71
Phenanthrene
Concen: 45.184 ng
RT: 17.729 min Scan# 2459
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

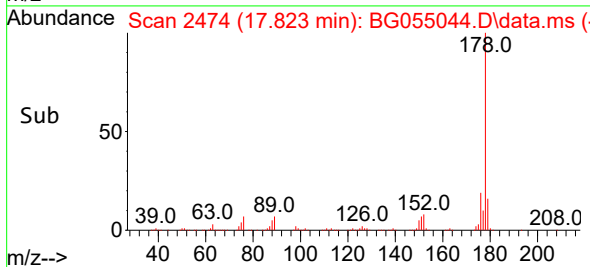
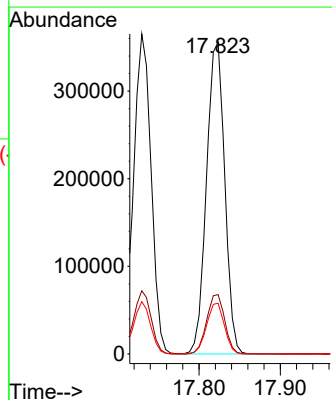
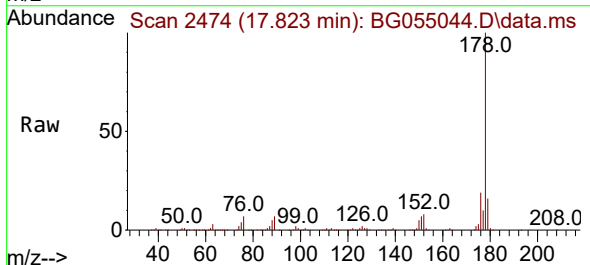
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

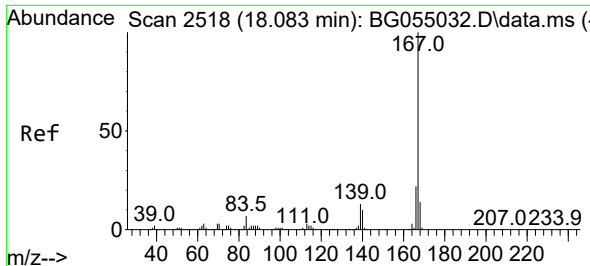
Tgt Ion:178 Resp: 552291
Ion Ratio Lower Upper
178 100
176 19.8 16.6 25.0
179 16.3 12.8 19.2



#72
Anthracene
Concen: 45.935 ng
RT: 17.823 min Scan# 2474
Delta R.T. -0.001 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion:178 Resp: 553835
Ion Ratio Lower Upper
178 100
176 19.0 16.2 24.4
179 16.3 12.9 19.3

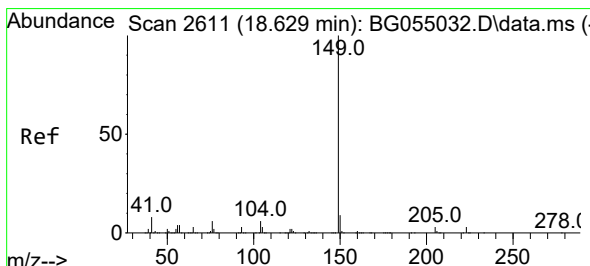
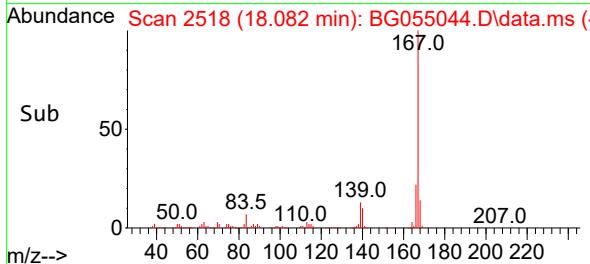
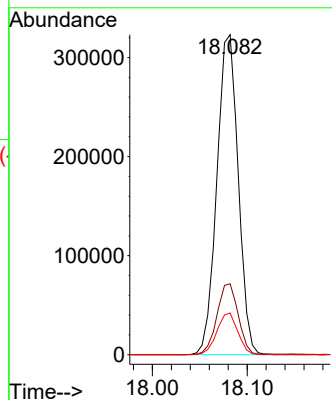
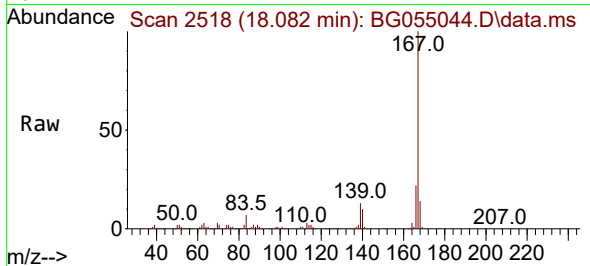




#73
 Carbazole
 Concen: 44.731 ng
 RT: 18.082 min Scan# 2518
 Delta R.T. -0.001 min
 Lab File: BG055044.D
 Acq: 30 Sep 2022 17:20

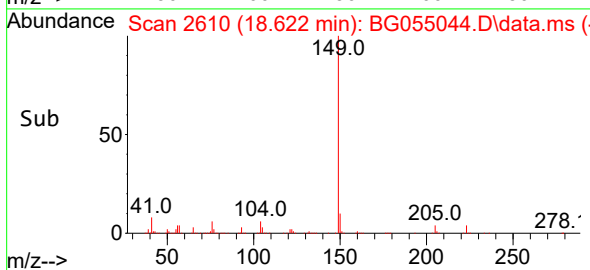
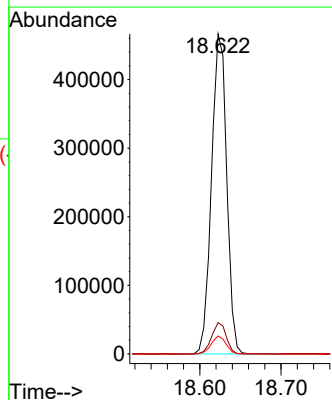
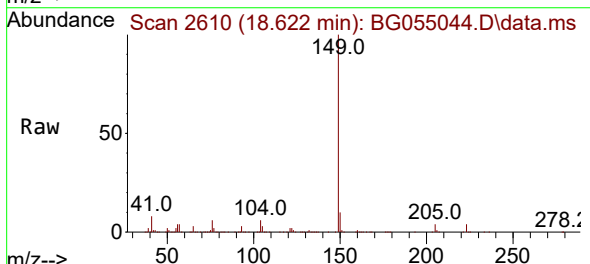
Instrument :
 BNA_G
 ClientSampleId :
 72-11939MSD

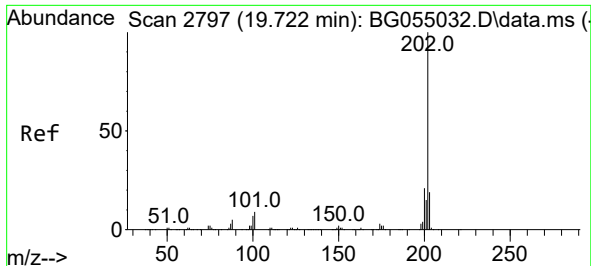
Tgt Ion:167 Resp: 505534
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.8 28.2
 139 13.1 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 44.531 ng
 RT: 18.622 min Scan# 2610
 Delta R.T. -0.007 min
 Lab File: BG055044.D
 Acq: 30 Sep 2022 17:20

Tgt Ion:149 Resp: 604728
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.0 12.0
 104 5.6 4.4 6.6

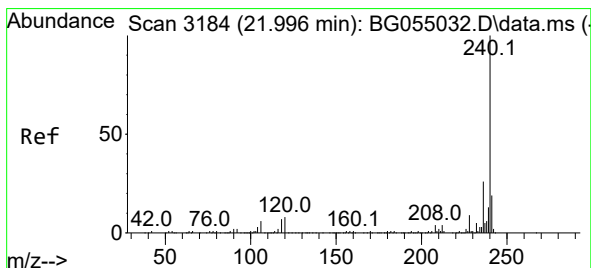
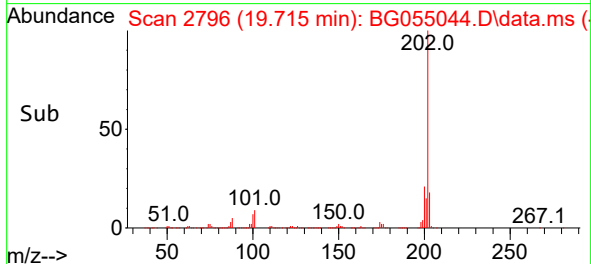
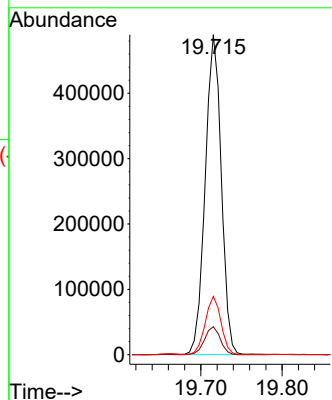
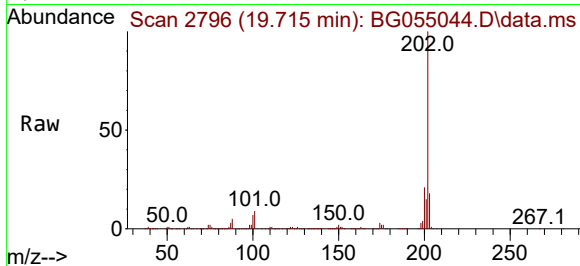




#75
Fluoranthene
Concen: 42.719 ng
RT: 19.715 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

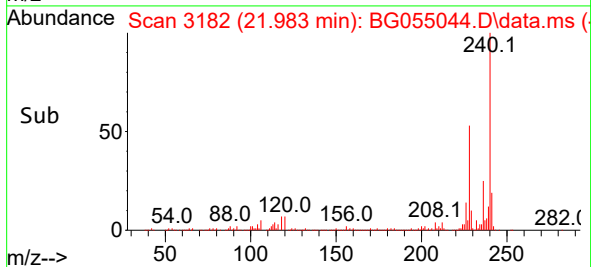
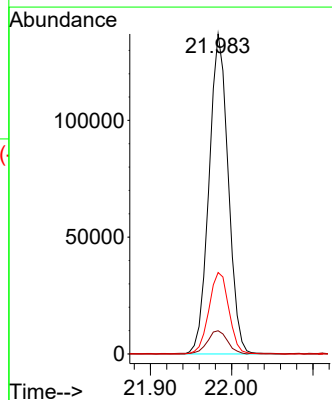
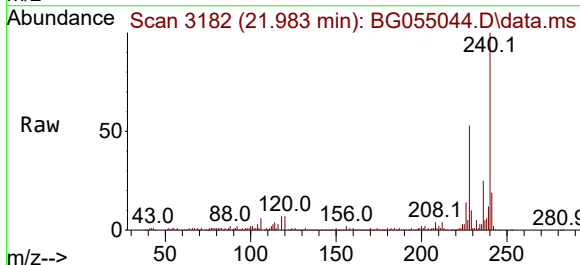
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

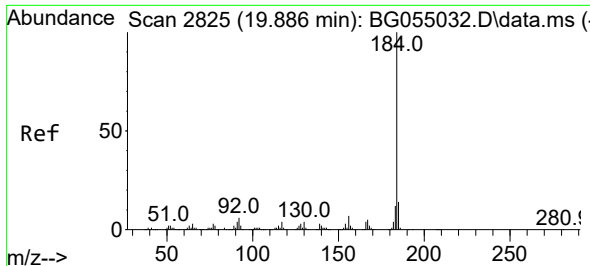
Tgt Ion:202 Resp: 669165
Ion Ratio Lower Upper
202 100
101 8.7 0.0 31.4
203 18.2 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.983 min Scan# 3182
Delta R.T. -0.012 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion:240 Resp: 224953
Ion Ratio Lower Upper
240 100
120 7.2 8.2 12.4#
236 25.4 21.2 31.8

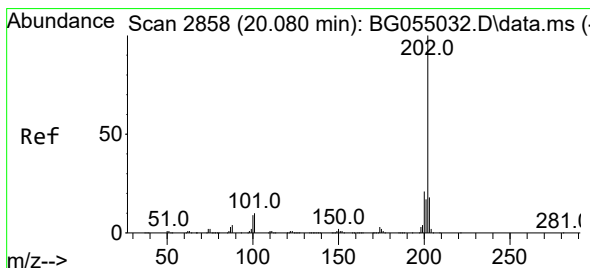
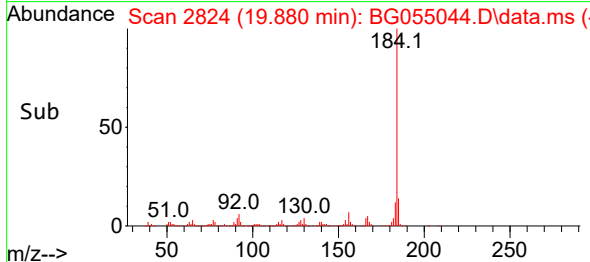
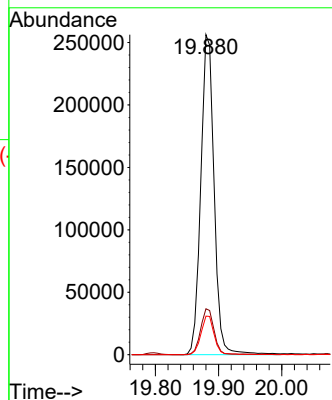
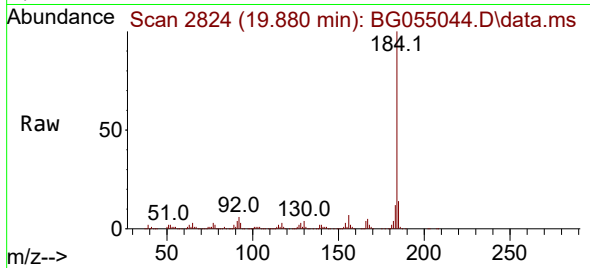




#77
Benzidine
Concen: 67.343 ng
RT: 19.880 min Scan# 2825
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

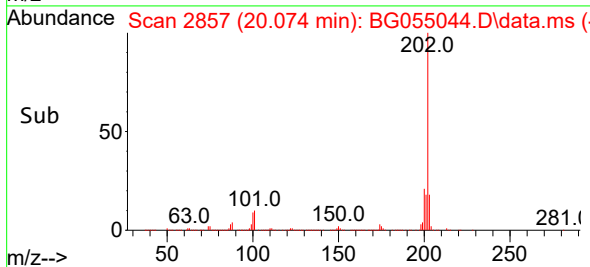
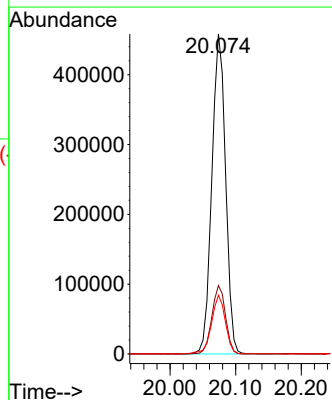
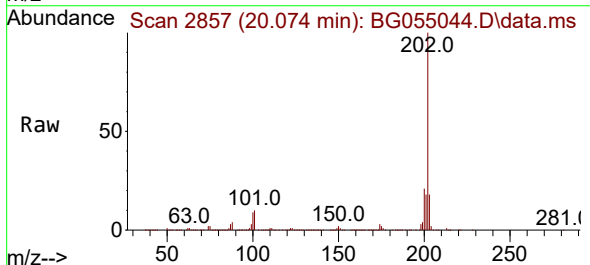
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

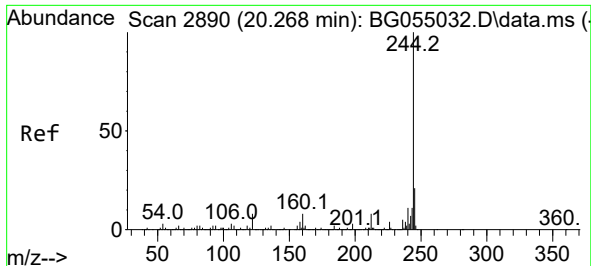
Tgt Ion:184 Resp: 375133
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 12.1 9.8 14.8



#78
Pyrene
Concen: 46.356 ng
RT: 20.074 min Scan# 2857
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion:202 Resp: 667210
Ion Ratio Lower Upper
202 100
200 21.4 17.8 26.6
203 18.4 14.6 21.8

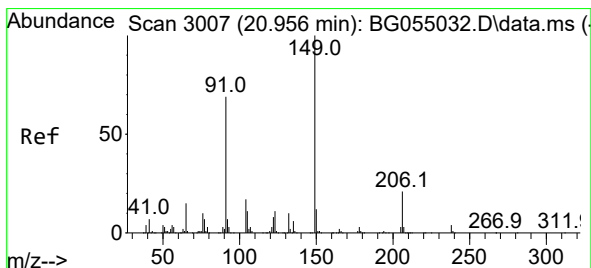
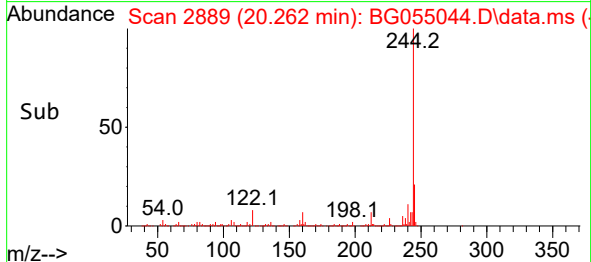
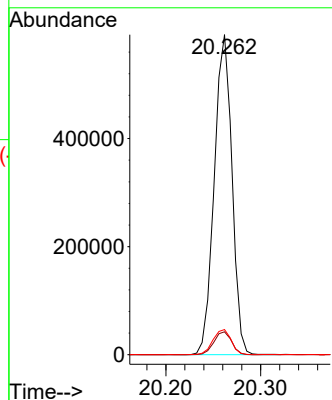
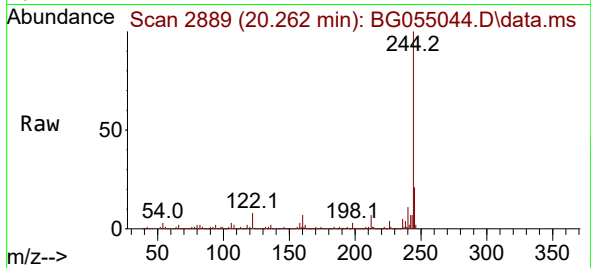




#79
 Terphenyl-d14
 Concen: 71.149 ng
 RT: 20.262 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG055044.D
 Acq: 30 Sep 2022 17:20

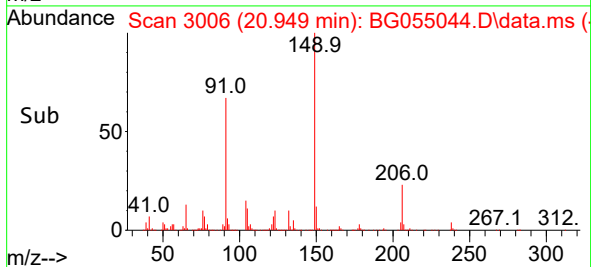
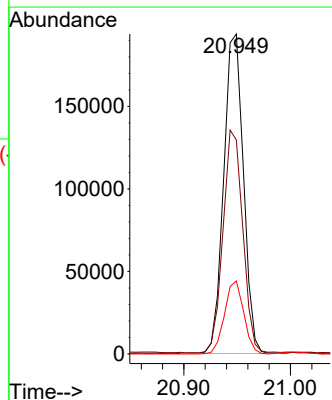
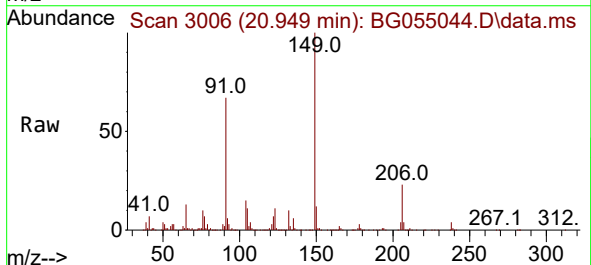
Instrument :
 BNA_G
 ClientSampleId :
 72-11939MSD

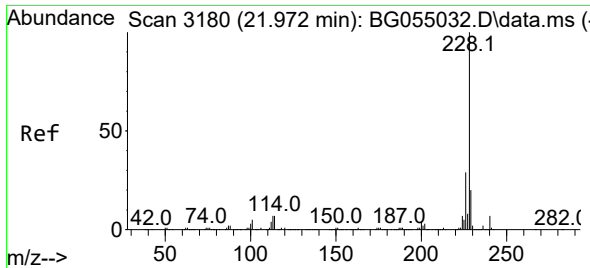
Tgt Ion:244 Resp: 767541
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 7.9 9.0 13.6#



#80
 Butylbenzylphthalate
 Concen: 47.866 ng
 RT: 20.949 min Scan# 3006
 Delta R.T. -0.007 min
 Lab File: BG055044.D
 Acq: 30 Sep 2022 17:20

Tgt Ion:149 Resp: 248876
 Ion Ratio Lower Upper
 149 100
 91 66.9 59.5 89.3
 206 22.8 16.6 25.0

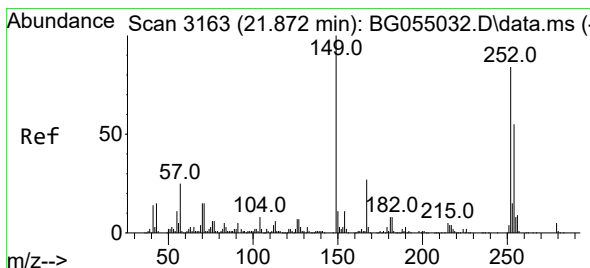
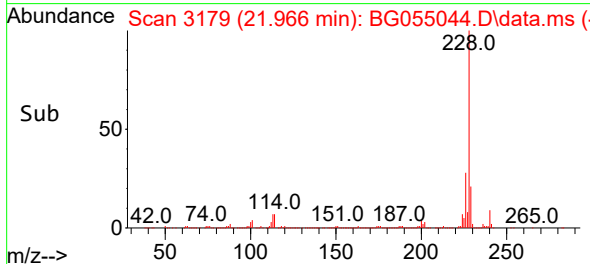
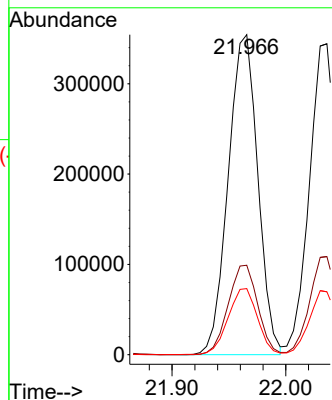
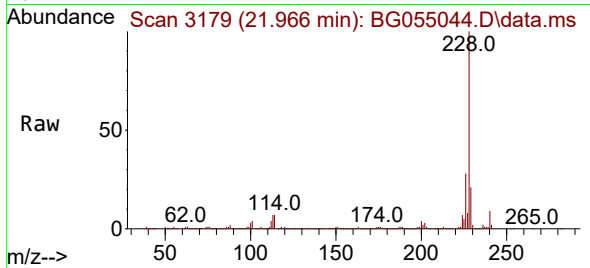




#81
Benzo(a)anthracene
Concen: 44.520 ng
RT: 21.966 min Scan# 3180
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

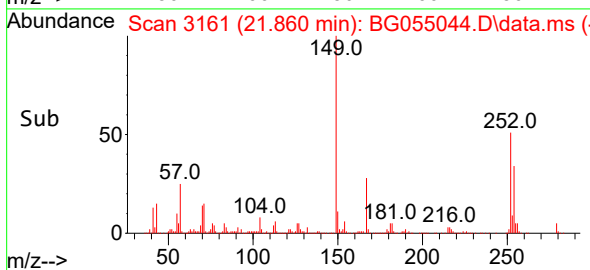
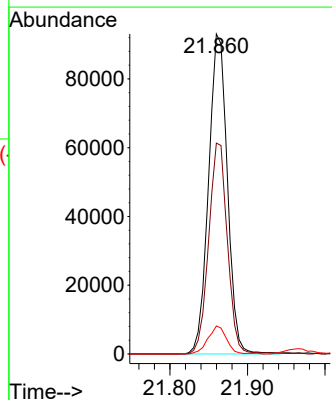
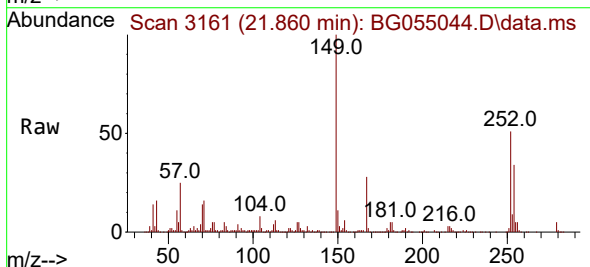
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

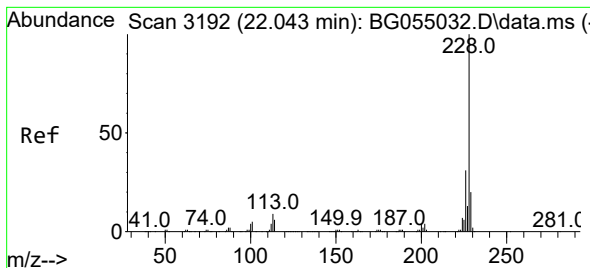
Tgt Ion:228 Resp: 641526
Ion Ratio Lower Upper
228 100
226 27.9 23.4 35.2
229 20.6 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 33.629 ng
RT: 21.860 min Scan# 3161
Delta R.T. -0.012 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion:252 Resp: 156704
Ion Ratio Lower Upper
252 100
254 65.9 51.4 77.2
126 8.8 8.2 12.2





#83

Chrysene

Concen: 44.259 ng

RT: 22.036 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

Instrument :

BNA_G

ClientSampleId :

72-11939MSD

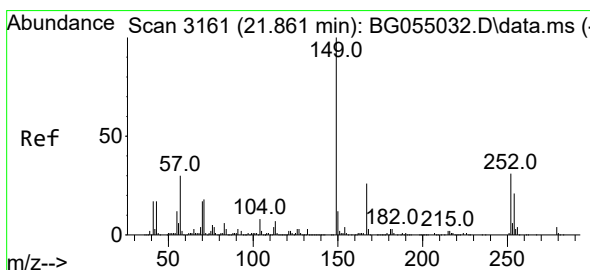
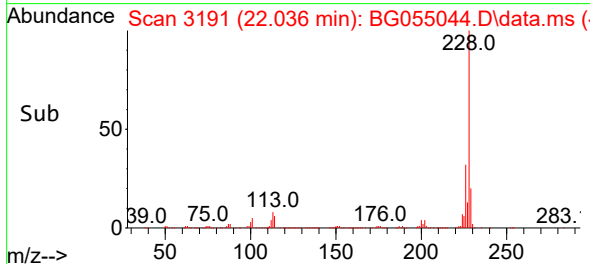
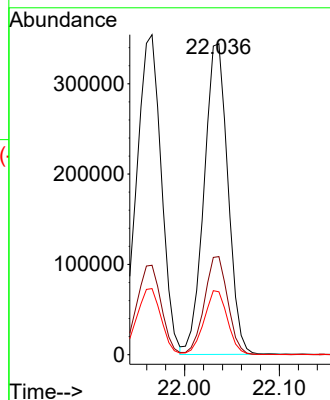
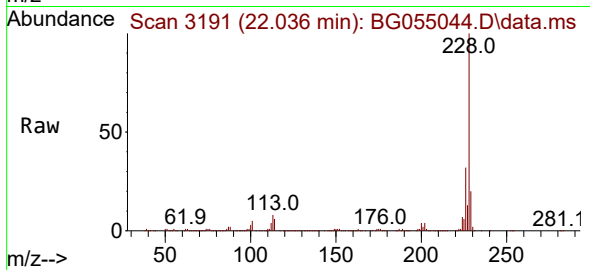
Tgt Ion:228 Resp: 600654

Ion Ratio Lower Upper

228 100

226 31.6 25.5 38.3

229 20.2 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.447 ng

RT: 21.854 min Scan# 3160

Delta R.T. -0.007 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

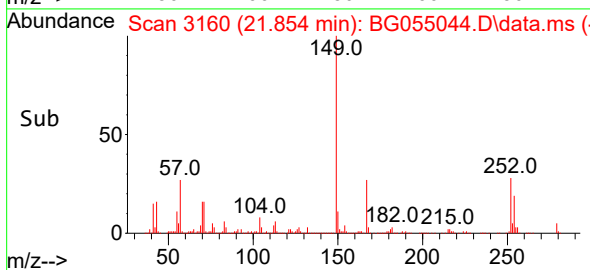
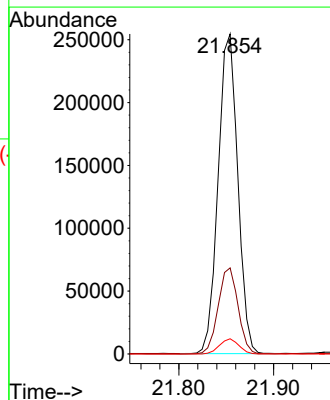
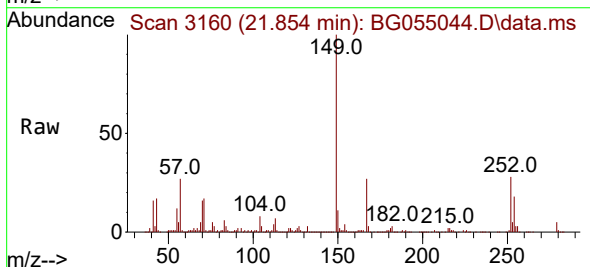
Tgt Ion:149 Resp: 365150

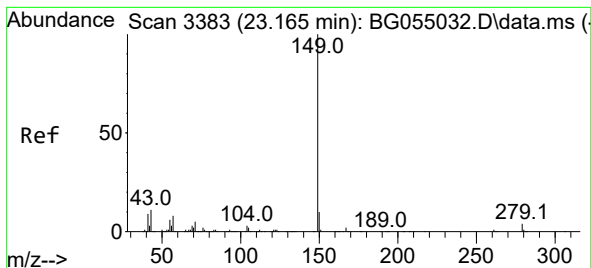
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 4.7 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 46.892 ng

RT: 23.152 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

Instrument :

BNA_G

ClientSampleId :

72-11939MSD

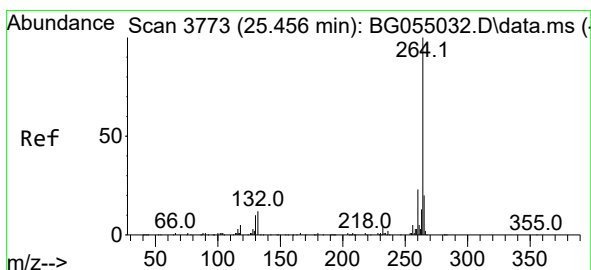
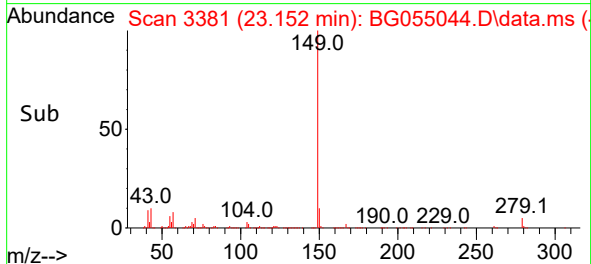
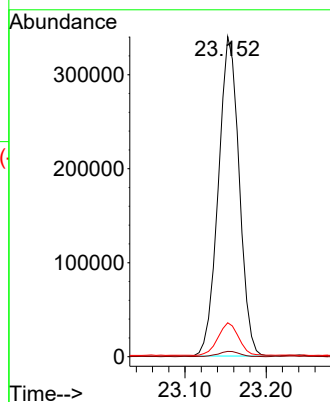
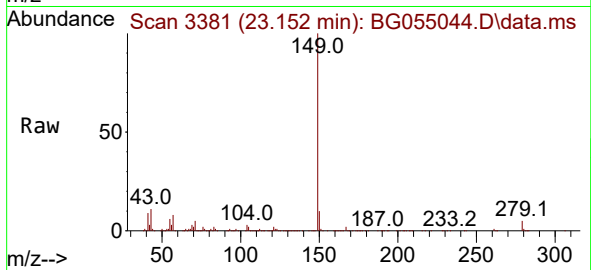
Tgt Ion:149 Resp: 605597

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

43 10.1 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.438 min Scan# 3770

Delta R.T. -0.018 min

Lab File: BG055044.D

Acq: 30 Sep 2022 17:20

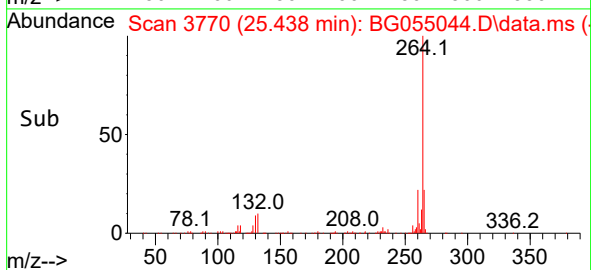
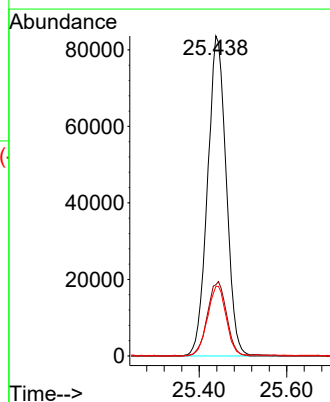
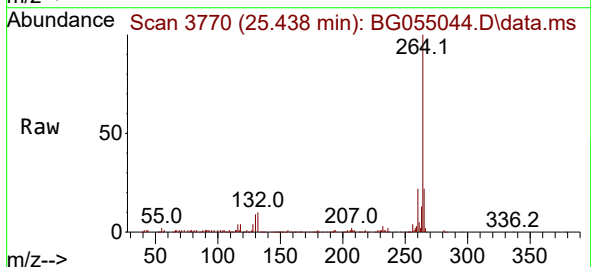
Tgt Ion:264 Resp: 247637

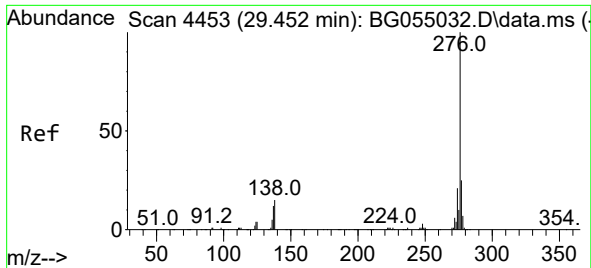
Ion Ratio Lower Upper

264 100

260 22.3 19.9 29.9

265 21.8 16.9 25.3

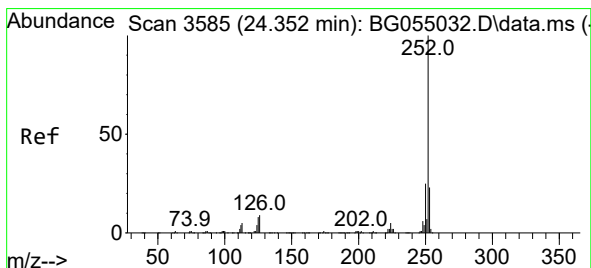
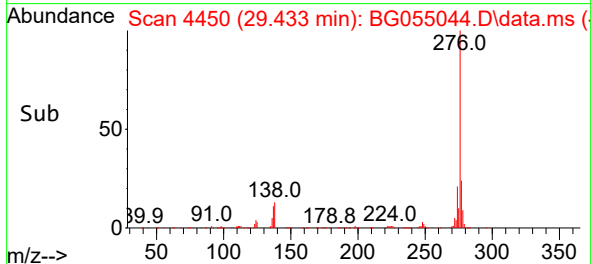
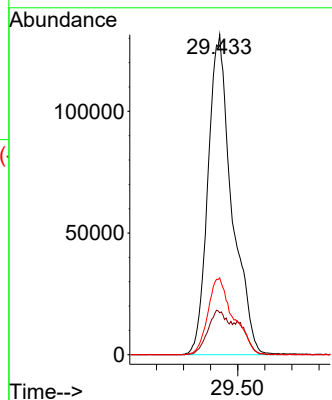
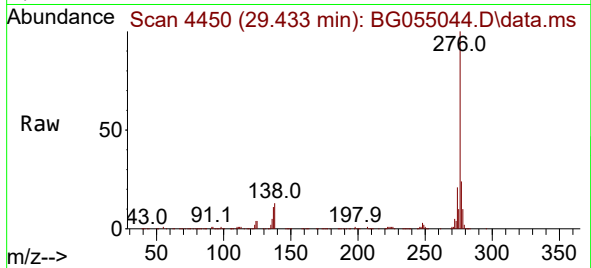




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.472 ng
 RT: 29.433 min Scan# 4450
 Delta R.T. -0.018 min
 Lab File: BG055044.D
 Acq: 30 Sep 2022 17:20

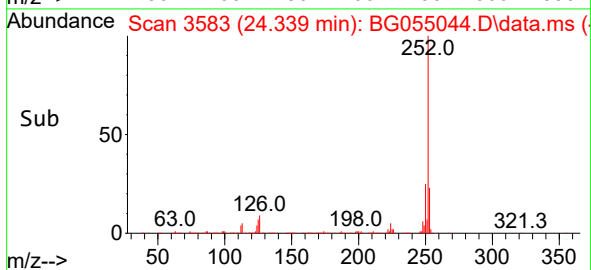
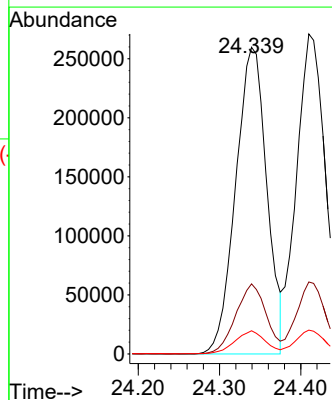
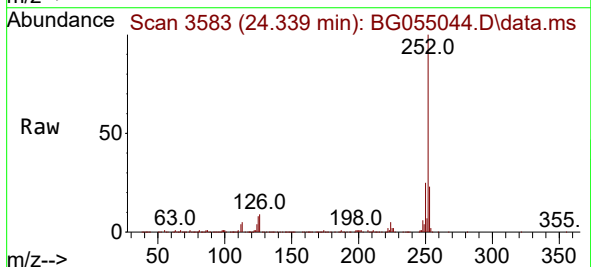
Instrument :
 BNA_G
 ClientSampleId :
 72-11939MSD

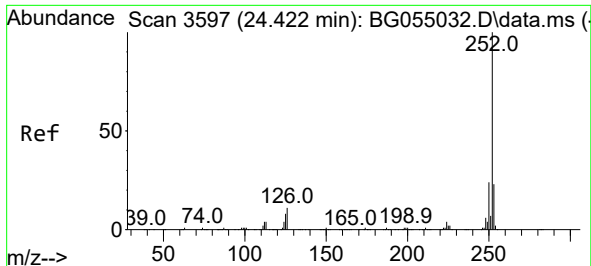
Tgt Ion:276 Resp: 804593
 Ion Ratio Lower Upper
 276 100
 138 11.0 12.0 18.0#
 277 25.7 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 46.920 ng
 RT: 24.339 min Scan# 3583
 Delta R.T. -0.012 min
 Lab File: BG055044.D
 Acq: 30 Sep 2022 17:20

Tgt Ion:252 Resp: 691810
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.0 27.0
 125 7.6 8.1 12.1#

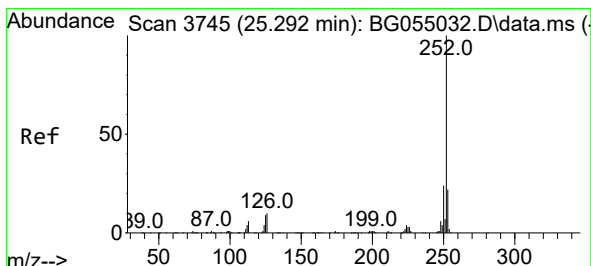
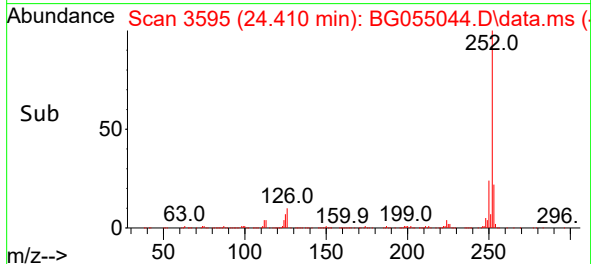
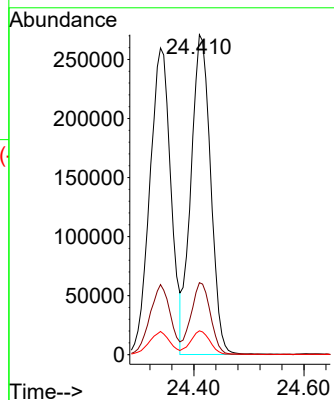
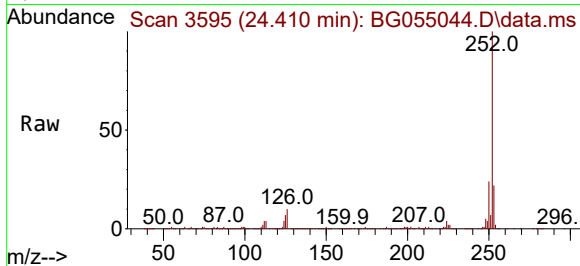




#89
Benzo(k)fluoranthene
Concen: 45.967 ng
RT: 24.410 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

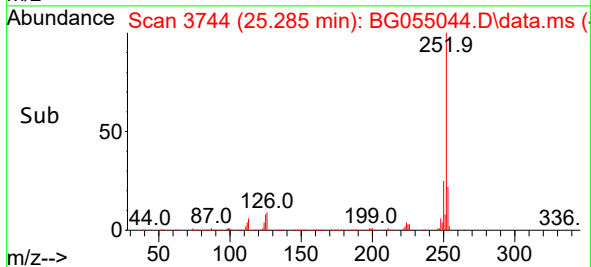
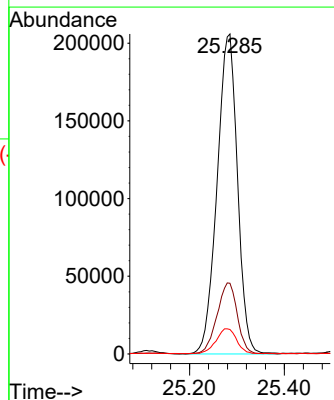
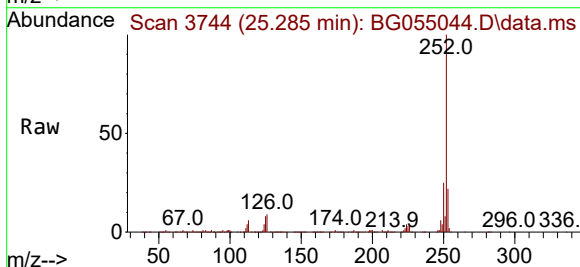
Instrument :
BNA_G
ClientSampleId :
72-11939MSD

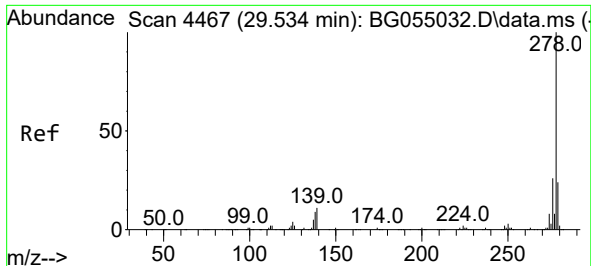
Tgt Ion:252 Resp: 670499
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 7.5 8.2 12.4#



#90
Benzo(a)pyrene
Concen: 49.307 ng
RT: 25.285 min Scan# 3744
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion:252 Resp: 614422
Ion Ratio Lower Upper
252 100
253 22.1 18.3 27.5
125 7.7 8.8 13.2#

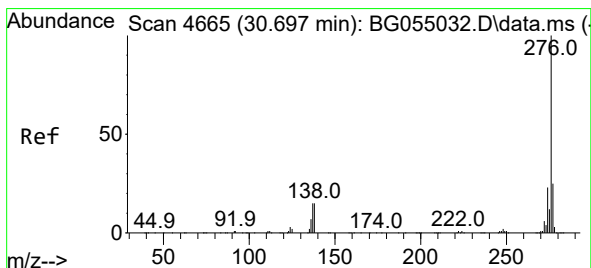
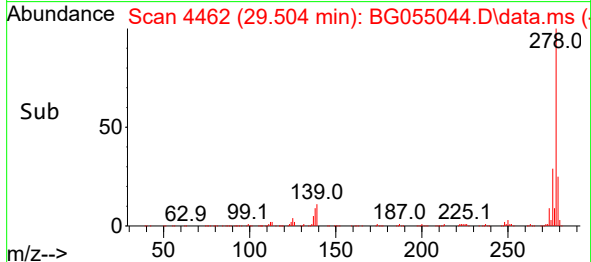
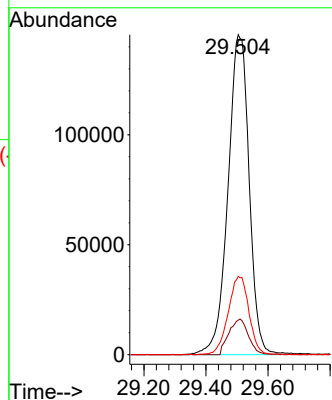
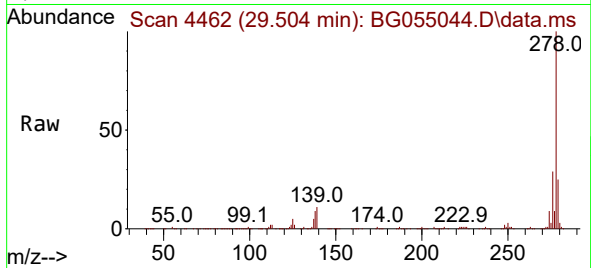




#91
Dibenzo(a,h)anthracene
Concen: 46.255 ng
RT: 29.504 min Scan# 4462
Delta R.T. -0.030 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

Tgt Ion:278 Resp: 688808
Ion Ratio Lower Upper
278 100
139 10.8 11.4 17.2#
279 24.5 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 47.194 ng
RT: 30.691 min Scan# 4664
Delta R.T. -0.007 min
Lab File: BG055044.D
Acq: 30 Sep 2022 17:20

Tgt Ion:276 Resp: 691377
Ion Ratio Lower Upper
276 100
277 23.1 19.4 29.0
138 14.7 16.6 25.0#

