

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056979.D
 Acq On : 5 Apr 2023 00:27
 Operator : CG/JU
 Sample : 02176-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-040323MSD

Quant Time: Apr 05 04:13:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	19188	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	73939	20.000	ng	# 0.00
39) Acenaphthene-d10	15.028	164	51005	20.000	ng	0.00
64) Phenanthrene-d10	17.766	188	106834	20.000	ng	# 0.00
76) Chrysene-d12	22.089	240	93319	20.000	ng	0.00
86) Perylene-d12	25.643	264	99451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.929	112	110416	92.097	ng	0.00
7) Phenol-d6	7.544	99	159733	89.081	ng	0.00
23) Nitrobenzene-d5	9.595	82	105259	58.250	ng	0.00
42) 2,4,6-Tribromophenol	16.509	330	70934	87.055	ng	0.00
45) 2-Fluorobiphenyl	13.654	172	232402	61.786	ng	0.00
79) Terphenyl-d14	20.339	244	339684	61.595	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.726	88	15739	29.947	ng	# 92
3) Pyridine	4.149	79	49162	29.042	ng	96
4) n-Nitrosodimethylamine	4.061	42	29563	37.985	ng	# 87
6) Aniline	7.727	93	52210	22.776	ng	97
8) 2-Chlorophenol	7.973	128	57505	48.154	ng	93
9) Benzaldehyde	7.539	77	41219	36.649	ng	92
10) Phenol	7.574	94	80770	45.459	ng	99
11) bis(2-Chloroethyl)ether	7.815	93	52326	41.344	ng	99
12) 1,3-Dichlorobenzene	8.308	146	61362	46.503	ng	97
13) 1,4-Dichlorobenzene	8.455	146	61048	45.840	ng	96
14) 1,2-Dichlorobenzene	8.778	146	59978	46.616	ng	93
15) Benzyl Alcohol	8.649	79	61706	41.415	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.931	45	65006	42.619	ng	97
17) 2-Methylphenol	8.849	107	54571	43.050	ng	95
18) Hexachloroethane	9.518	117	22695	46.625	ng	94
19) n-Nitroso-di-n-propyla...	9.219	70	49931	38.930	ng	# 95
20) 3+4-Methylphenols	9.178	107	73251	41.326	ng	97
22) Acetophenone	9.242	105	93345	42.427	ng	98
24) Nitrobenzene	9.636	77	78076	42.261	ng	98
25) Isophorone	10.159	82	132351	38.463	ng	98
26) 2-Nitrophenol	10.352	139	31737	44.506	ng	96
27) 2,4-Dimethylphenol	10.399	122	57878	45.969	ng	92
28) bis(2-Chloroethoxy)met...	10.634	93	70077	40.678	ng	96
29) 2,4-Dichlorophenol	10.893	162	61815	45.652	ng	95
30) 1,2,4-Trichlorobenzene	11.116	180	68725	47.768	ng	95
31) Naphthalene	11.310	128	178767	44.357	ng	98
32) Benzoic acid	10.529	122	38757	44.813	ng	92
33) 4-Chloroaniline	11.404	127	27033	14.852	ng	93
34) Hexachlorobutadiene	11.586	225	50482	46.711	ng	95
35) Caprolactam	12.173	113	15017	32.159	ng	88
36) 4-Chloro-3-methylphenol	12.497	107	61431	40.568	ng	95
37) 2-Methylnaphthalene	12.884	142	130117	40.679	ng	98
38) 1-Methylnaphthalene	13.102	142	120229	40.030	ng	97
40) 1,2,4,5-Tetrachloroben...	13.243	216	89935	50.848	ng	99
41) Hexachlorocyclopentadiene	13.219	237	43877	45.025	ng	92
43) 2,4,6-Trichlorophenol	13.472	196	55360	49.049	ng	99

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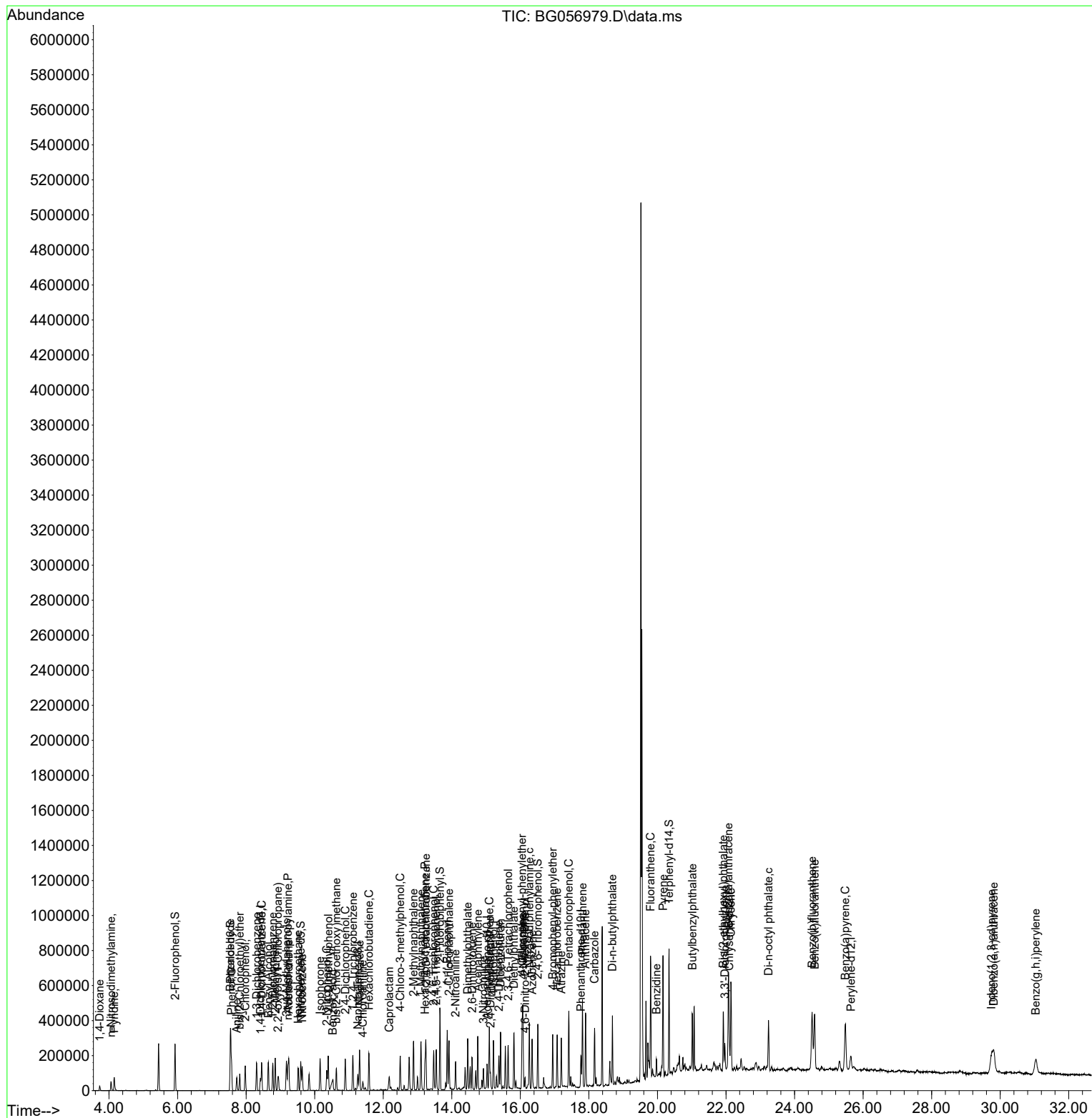
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.548	196	60523	45.264	ng	93
46) 1,1'-Biphenyl	13.865	154	175181	46.919	ng	99
47) 2-Chloronaphthalene	13.918	162	134247	48.615	ng	98
48) 2-Nitroaniline	14.112	65	44356	44.921	ng	98
49) Acenaphthylene	14.758	152	203029	44.749	ng	98
50) Dimethylphthalate	14.464	163	166680	41.475	ng	99
51) 2,6-Dinitrotoluene	14.594	165	35625	41.028	ng	97
52) Acenaphthene	15.093	154	138399	44.229	ng	94
53) 3-Nitroaniline	14.923	138	26620	30.973	ng #	97
54) 2,4-Dinitrophenol	15.128	184	20446	41.834	ng	94
55) Dibenzofuran	15.422	168	208890	44.478	ng	98
56) 4-Nitrophenol	15.216	139	59617	93.804	ng	92
57) 2,4-Dinitrotoluene	15.375	165	49894	40.741	ng #	96
58) Fluorene	16.068	166	167725	43.159	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.645	232	53604	44.031	ng #	98
60) Diethylphthalate	15.810	149	159737	39.648	ng	98
61) 4-Chlorophenyl-phenyle...	16.051	204	94866	41.576	ng	95
62) 4-Nitroaniline	16.080	138	32264	36.232	ng	96
63) Azobenzene	16.344	77	168590	41.989	ng	98
65) 4,6-Dinitro-2-methylph...	16.139	198	14868	22.979	ng	95
66) n-Nitrosodiphenylamine	16.262	169	142452	49.671	ng	94
67) 4-Bromophenyl-phenylether	16.943	248	59979	45.374	ng	96
68) Hexachlorobenzene	17.073	284	64785	49.572	ng	97
69) Atrazine	17.196	200	56901	47.797	ng	97
70) Pentachlorophenol	17.413	266	81687	87.126	ng	95
71) Phenanthrene	17.813	178	300959	55.253	ng	99
72) Anthracene	17.901	178	270841	48.505	ng	99
73) Carbazole	18.165	167	219206	45.027	ng	95
74) Di-n-butylphthalate	18.688	149	240206	42.609	ng	99
75) Fluoranthene	19.798	202	433730	62.816	ng	99
77) Benzidine	19.969	184	62516	24.509	ng	96
78) Pyrene	20.163	202	433539	67.169	ng	97
80) Butylbenzylphthalate	21.020	149	97302	43.808	ng	95
81) Benzo(a)anthracene	22.072	228	402071	62.263	ng	99
82) 3,3'-Dichlorobenzidine	21.966	252	63175	28.971	ng	98
83) Chrysene	22.142	228	362488	59.951	ng	97
84) Bis(2-ethylhexyl)phtha...	21.919	149	138316	43.006	ng	100
85) Di-n-octyl phthalate	23.241	149	234615	43.288	ng	96
87) Indeno(1,2,3-cd)pyrene	29.744	276	312588	42.530	ng #	94
88) Benzo(b)fluoranthene	24.510	252	406083	65.297	ng	98
89) Benzo(k)fluoranthene	24.586	252	351843	56.670	ng	97
90) Benzo(a)pyrene	25.479	252	356384	58.317	ng	98
91) Dibenzo(a,h)anthracene	29.814	278	236889	39.210	ng	99
92) Benzo(g,h,i)perylene	31.036	276	222329	37.582	ng #	96

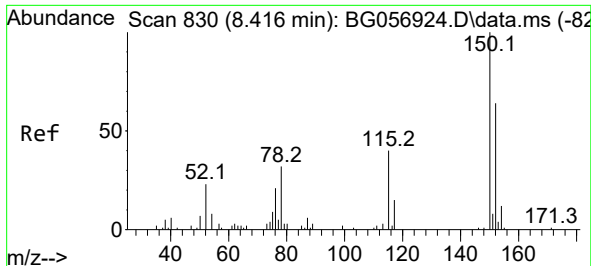
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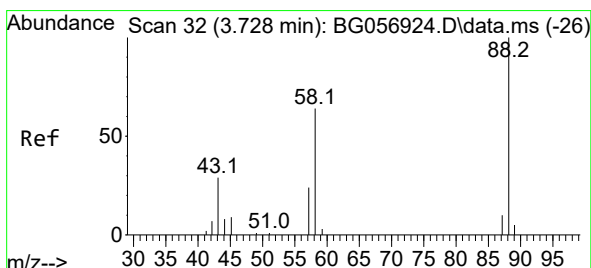
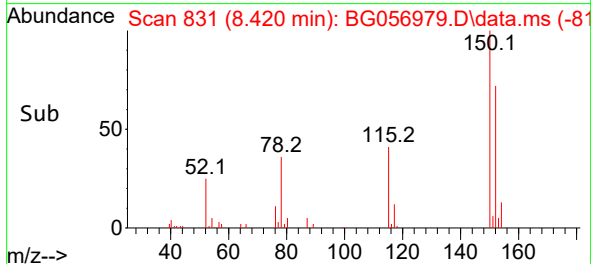
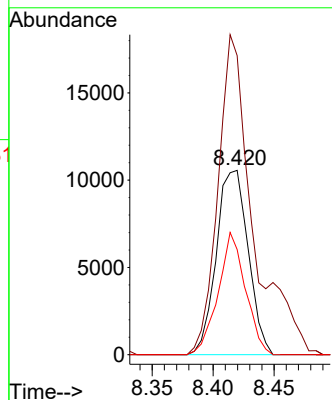
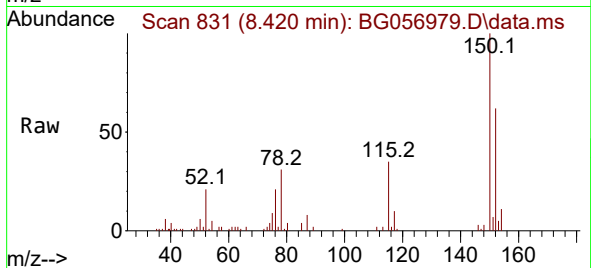




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.420 min Scan# 81
 Delta R.T. 0.004 min
 Lab File: BG056979.D
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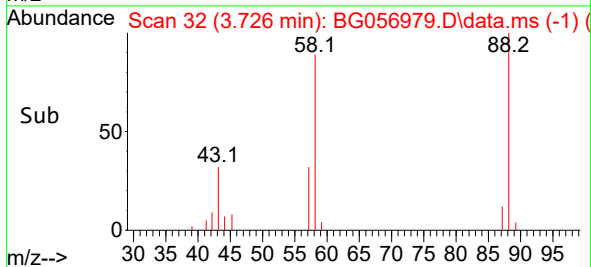
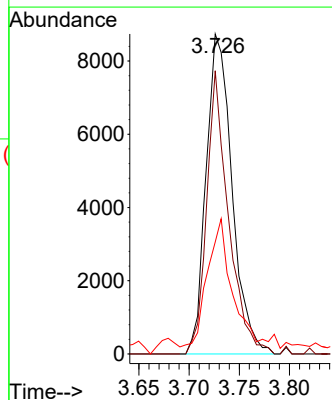
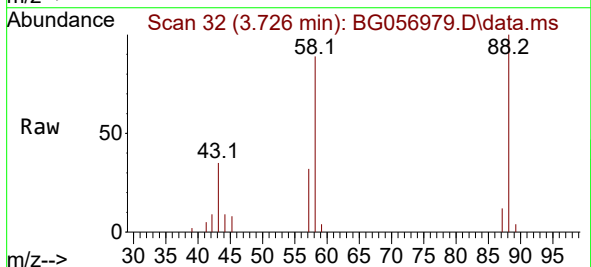
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 ClientSampleId :
 TR-04-040323MSD

Tgt Ion:152 Resp: 19188
 Ion Ratio Lower Upper
 152 100
 150 162.2 124.1 186.1
 115 57.0 49.1 73.7



#2
 1,4-Dioxane
 Concen: 29.947 ng
 RT: 3.726 min Scan# 32
 Delta R.T. -0.002 min
 Lab File: BG056979.D
 Acq: 5 Apr 2023 00:27

Tgt Ion: 88 Resp: 15739
 Ion Ratio Lower Upper
 88 100
 58 74.4 55.9 83.9
 43 40.2 25.7 38.5#

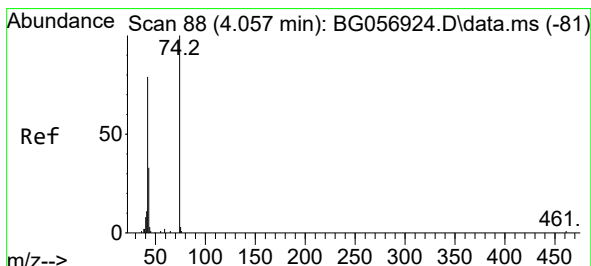
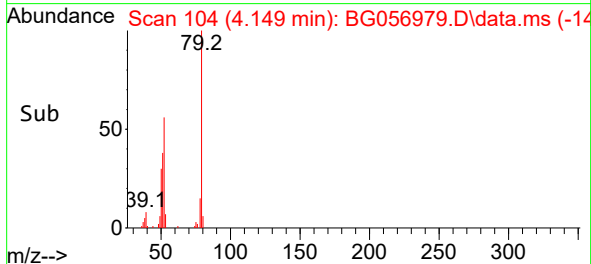
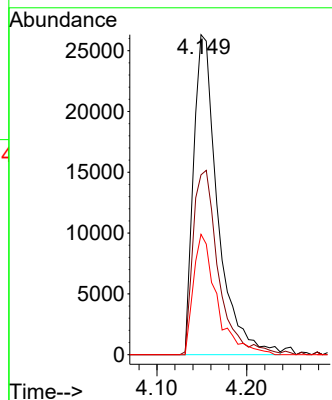
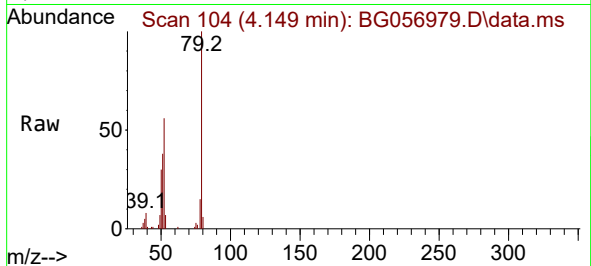




#3
Pyridine
Concen: 29.042 ng
RT: 4.149 min Scan# 104
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

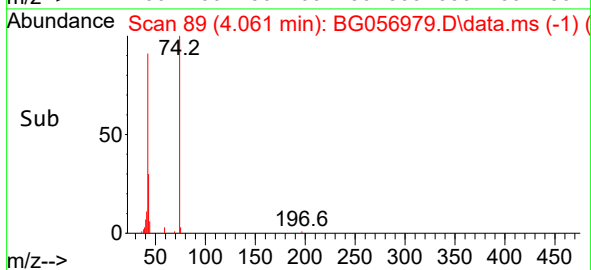
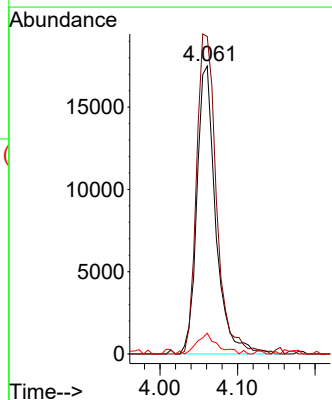
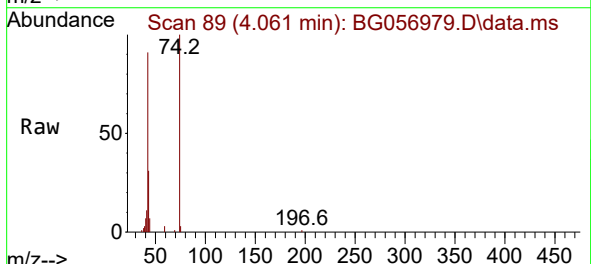
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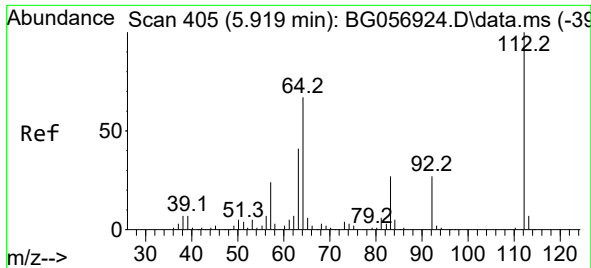
Tgt Ion: 79 Resp: 49162
Ion Ratio Lower Upper
79 100
52 56.2 46.1 69.1
51 37.6 26.1 39.1



#4
n-Nitrosodimethylamine
Concen: 37.985 ng
RT: 4.061 min Scan# 89
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion: 42 Resp: 29563
Ion Ratio Lower Upper
42 100
74 110.2 100.6 151.0
44 7.2 4.6 7.0

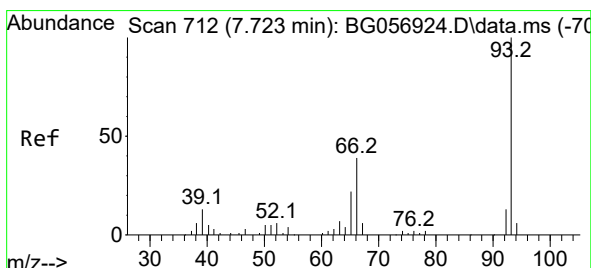
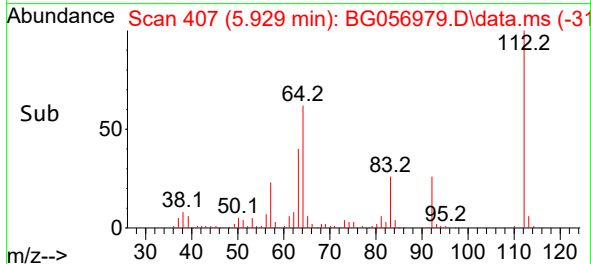
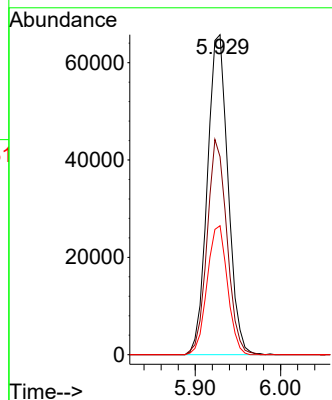
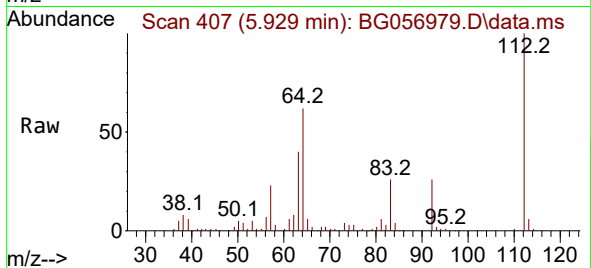




#5
2-Fluorophenol
Concen: 92.097 ng
RT: 5.929 min Scan# 405
Delta R.T. 0.010 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

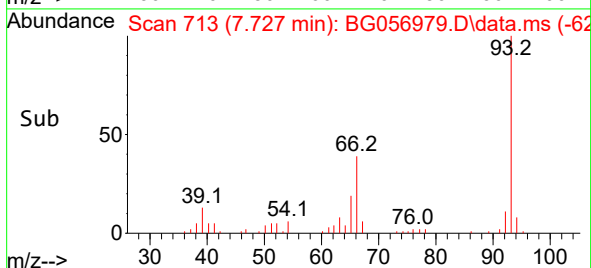
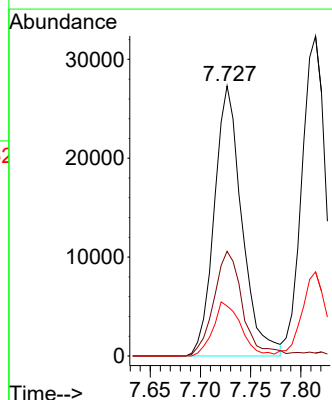
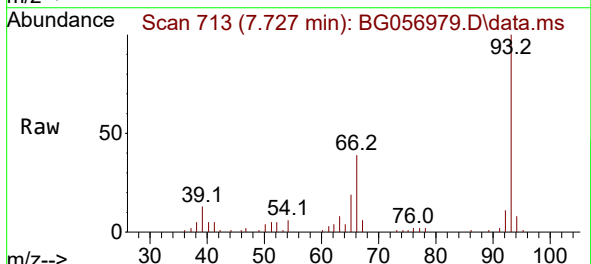
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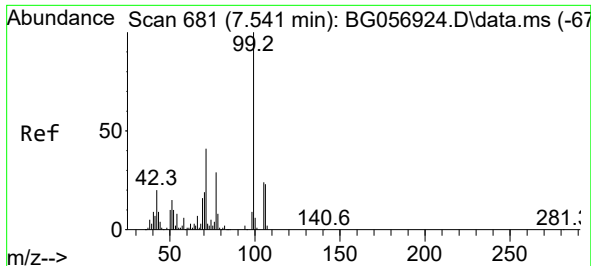
Tgt Ion:112 Resp: 110416
Ion Ratio Lower Upper
112 100
64 61.9 53.2 79.8
63 40.3 32.6 48.8



#6
Aniline
Concen: 22.776 ng
RT: 7.727 min Scan# 713
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion: 93 Resp: 52210
Ion Ratio Lower Upper
93 100
66 38.7 31.4 47.0
65 18.5 17.3 25.9

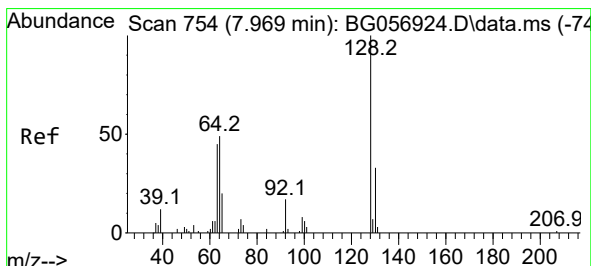
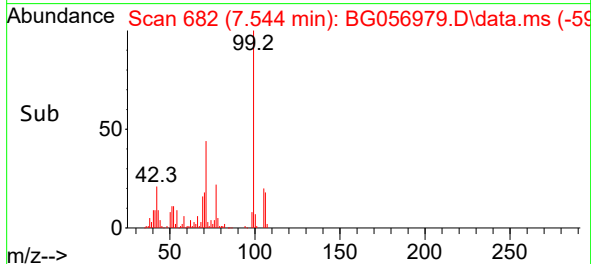
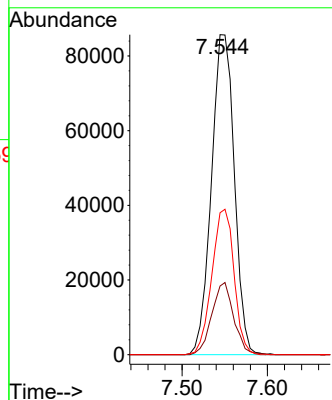
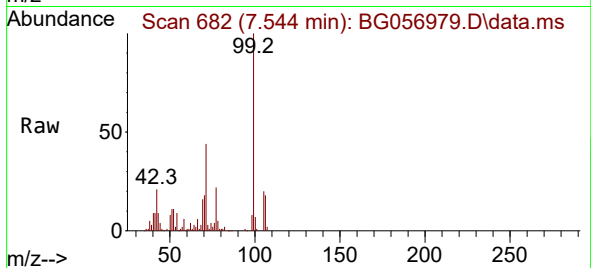




#7
Phenol-d6
Concen: 89.081 ng
RT: 7.544 min Scan# 681
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

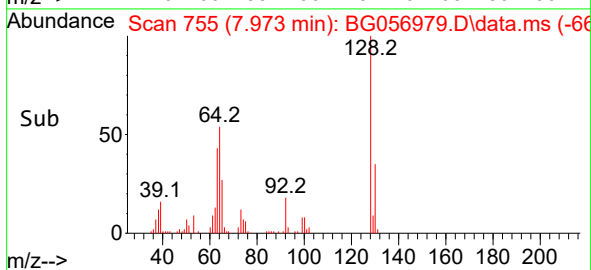
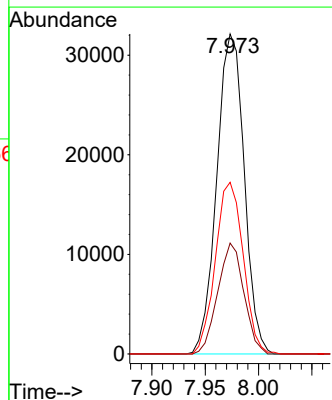
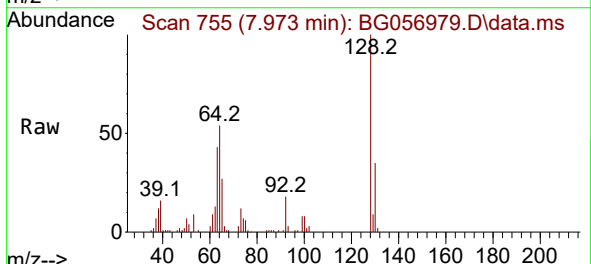
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Tgt Ion: 99 Resp: 159733
Ion Ratio Lower Upper
99 100
42 21.4 15.7 23.5
71 44.3 32.5 48.7



#8
2-Chlorophenol
Concen: 48.154 ng
RT: 7.973 min Scan# 755
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion: 128 Resp: 57505
Ion Ratio Lower Upper
128 100
130 34.6 12.6 52.6
64 53.7 40.6 80.6

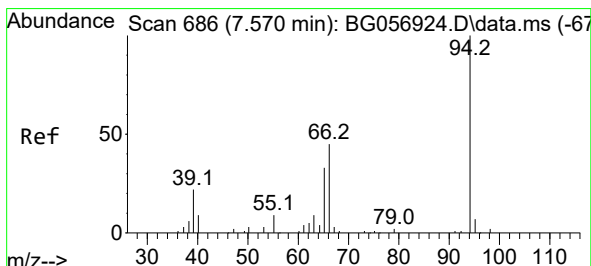
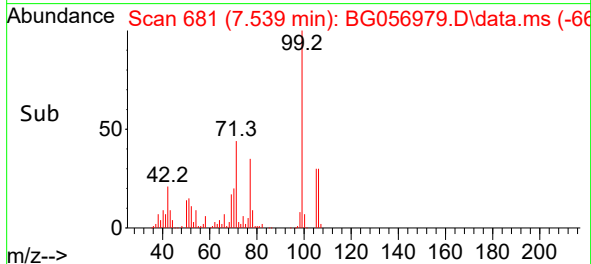
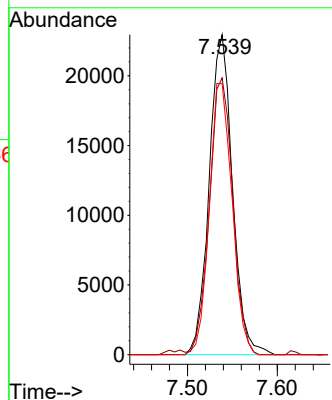
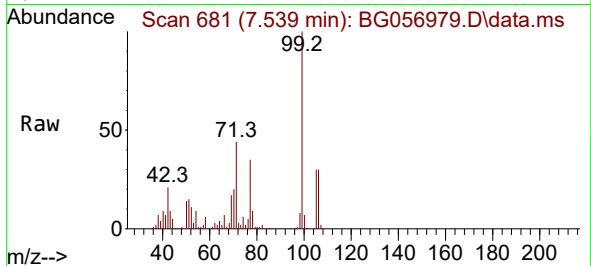




#9
Benzaldehyde
Concen: 36.649 ng
RT: 7.539 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG056979.D
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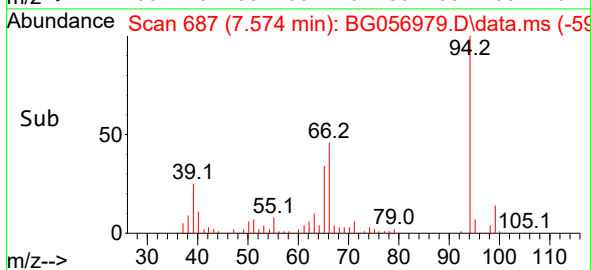
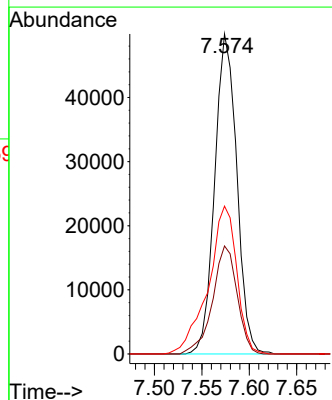
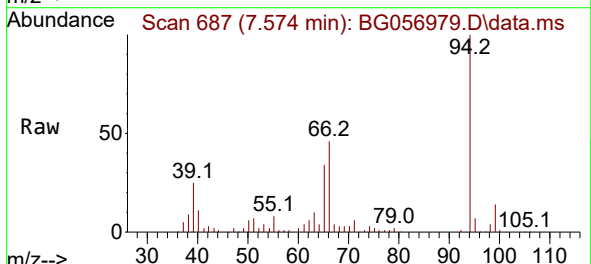
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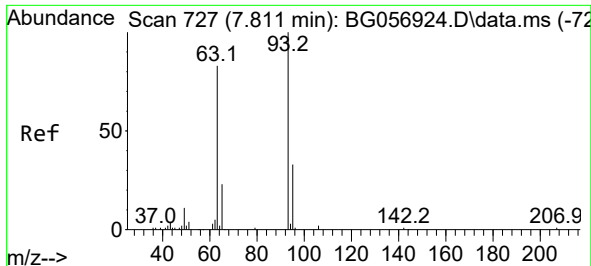
Tgt Ion: 77 Resp: 41219
Ion Ratio Lower Upper
77 100
105 86.5 73.6 113.6
106 84.7 56.7 96.7



#10
Phenol
Concen: 45.459 ng
RT: 7.574 min Scan# 687
Delta R.T. 0.004 min
Lab File: BG056979.D
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Tgt Ion: 94 Resp: 80770
Ion Ratio Lower Upper
94 100
65 33.7 13.3 53.3
66 46.2 26.7 66.7

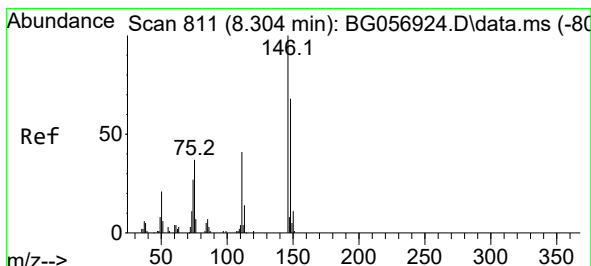
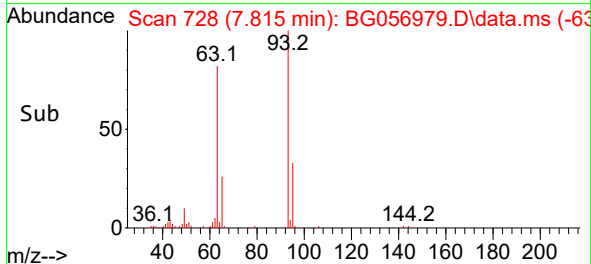
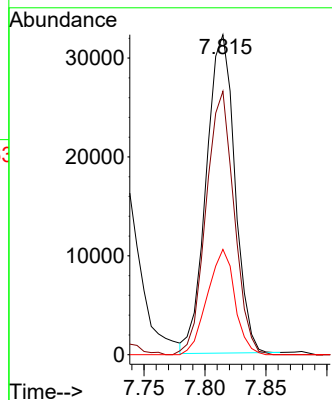
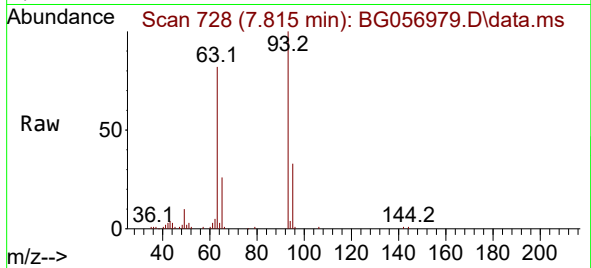




#11
bis(2-Chloroethyl)ether
Concen: 41.344 ng
RT: 7.815 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

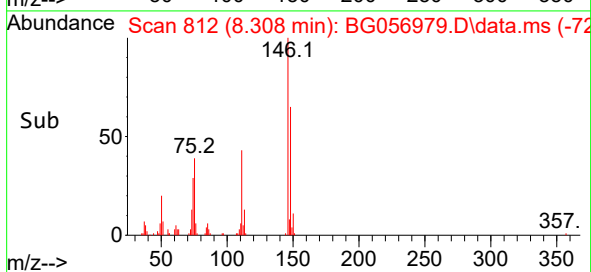
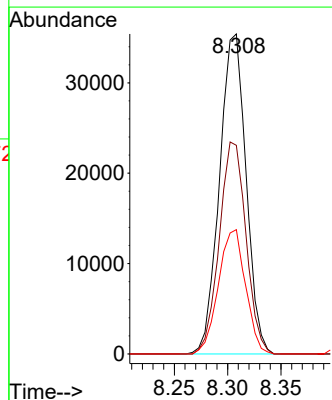
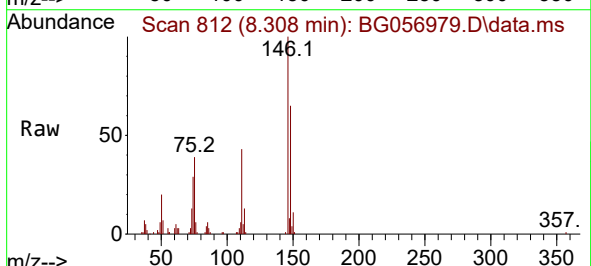
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

Tgt Ion: 93 Resp: 52326
Ion Ratio Lower Upper
93 100
63 82.3 62.7 102.7
95 32.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 46.503 ng
RT: 8.308 min Scan# 812
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:146 Resp: 61362
Ion Ratio Lower Upper
146 100
148 65.2 54.2 81.4
75 38.8 29.8 44.8

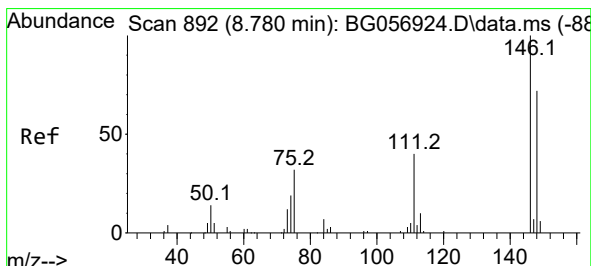
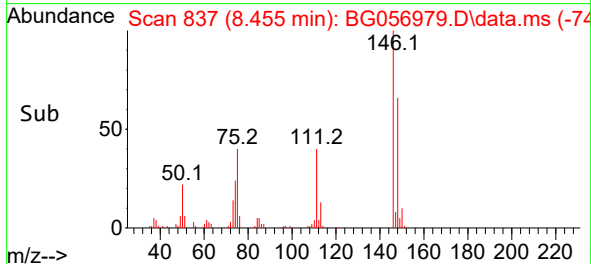
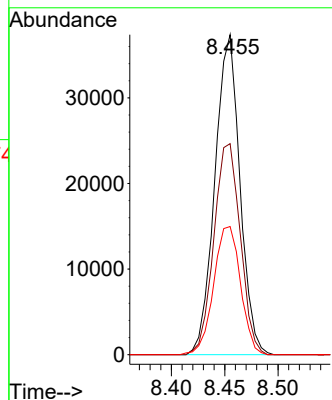
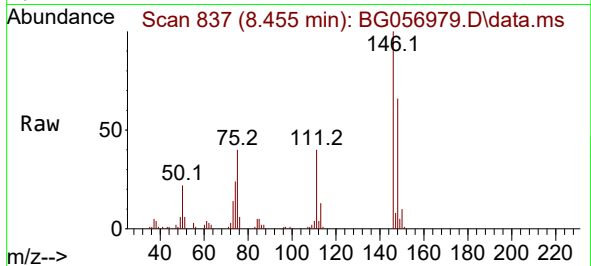




#13
1,4-Dichlorobenzene
Concen: 45.840 ng
RT: 8.455 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

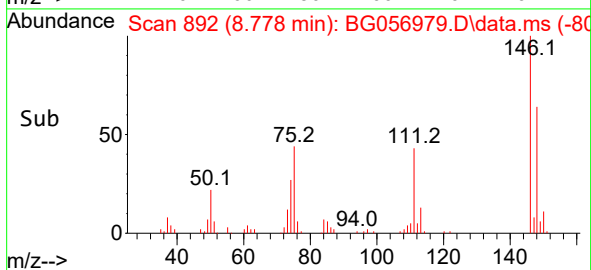
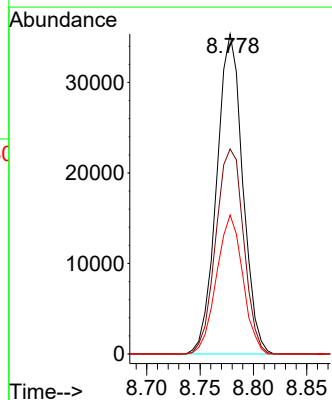
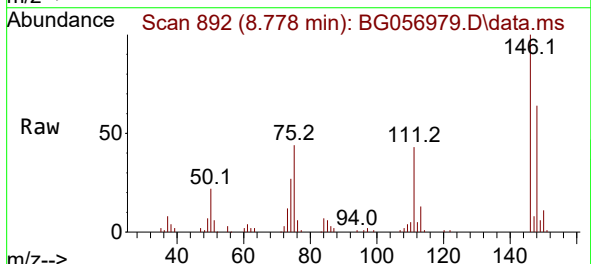
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

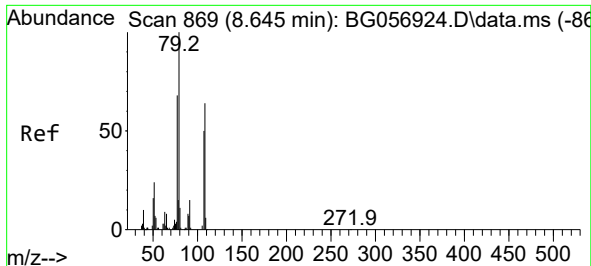
Tgt Ion:146 Resp: 61048
Ion Ratio Lower Upper
146 100
148 66.0 54.8 82.2
111 40.0 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 46.616 ng
RT: 8.778 min Scan# 892
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:146 Resp: 59978
Ion Ratio Lower Upper
146 100
148 64.0 57.4 86.0
111 43.4 33.2 49.8

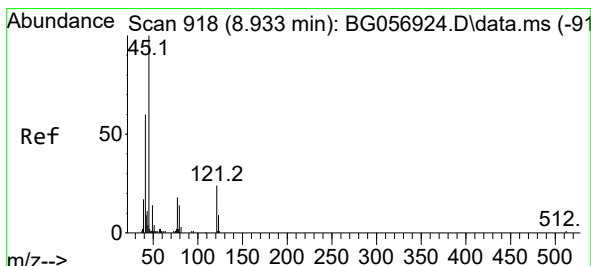
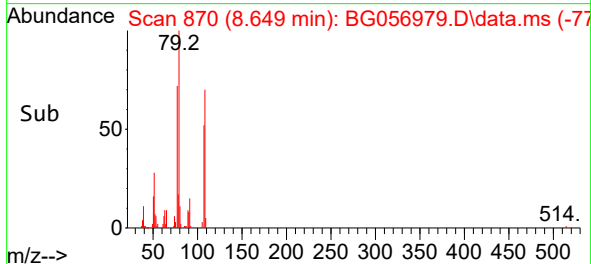
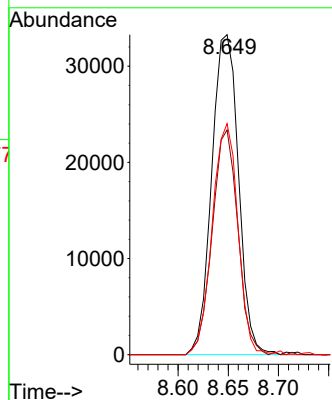
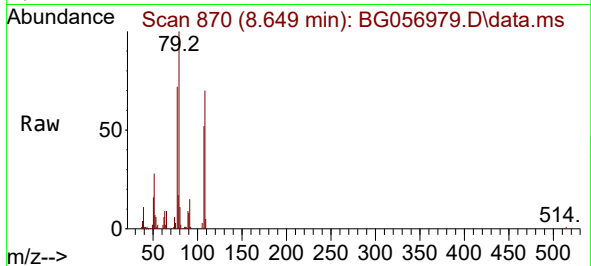




#15
Benzyl Alcohol
Concen: 41.415 ng
RT: 8.649 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

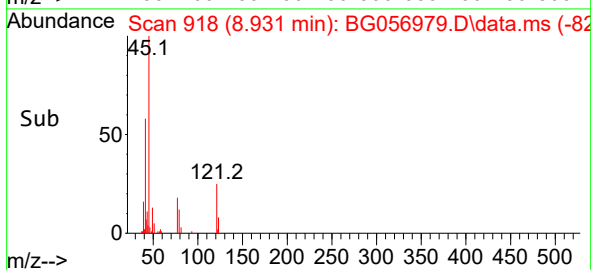
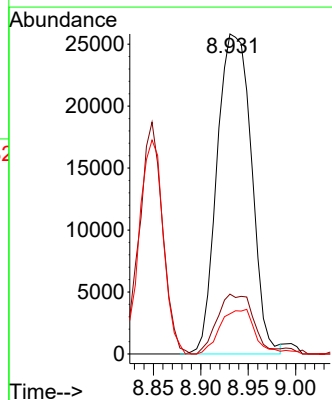
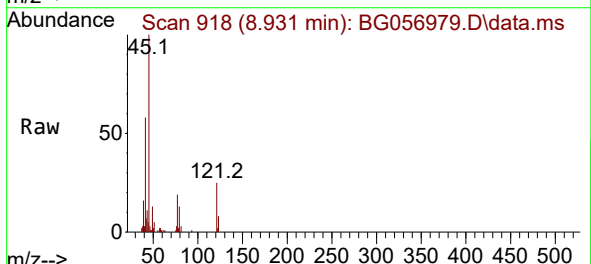
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

Tgt Ion: 79 Resp: 61706
Ion Ratio Lower Upper
79 100
108 70.3 51.2 76.8
77 72.2 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.619 ng
RT: 8.931 min Scan# 918
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion: 45 Resp: 65006
Ion Ratio Lower Upper
45 100
77 18.7 0.0 38.7
79 12.6 0.0 35.1





#17

2-Methylphenol

Concen: 43.050 ng

RT: 8.849 min Scan# 903

Delta R.T. 0.004 min

Lab File: BG056979.D

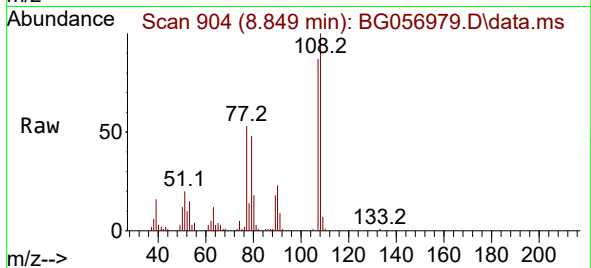
Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD



Tgt Ion:107 Resp: 54571

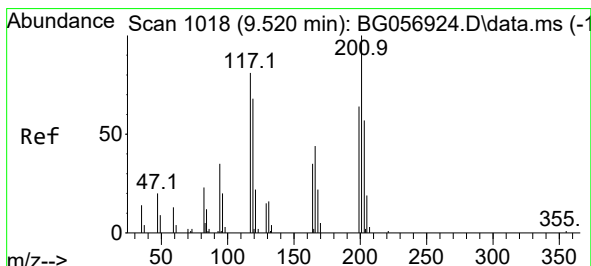
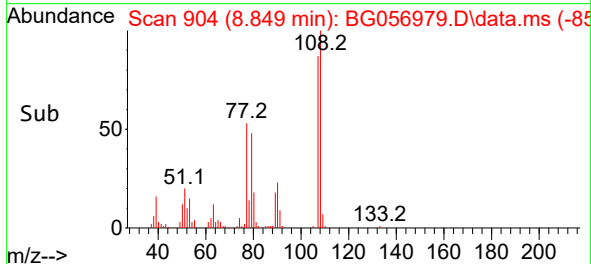
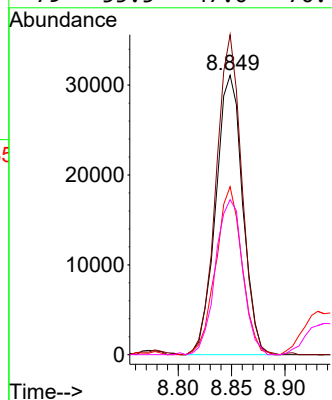
Ion Ratio Lower Upper

107 100

108 114.5 96.0 144.0

77 60.1 45.6 68.4

79 55.5 47.0 70.4



#18

Hexachloroethane

Concen: 46.625 ng

RT: 9.518 min Scan# 1018

Delta R.T. -0.002 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

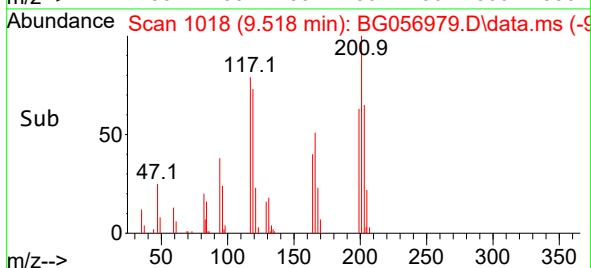
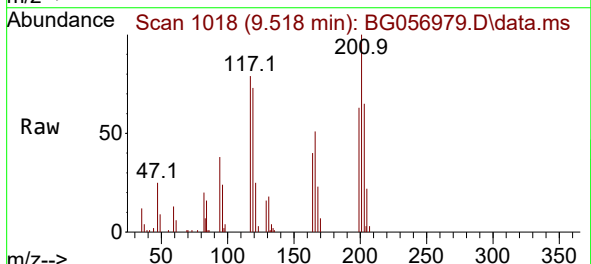
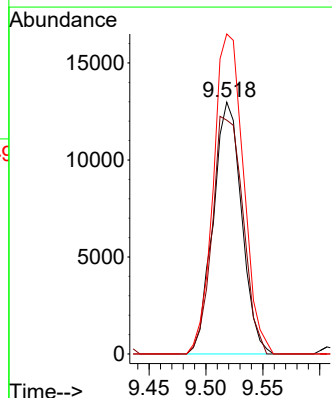
Tgt Ion:117 Resp: 22695

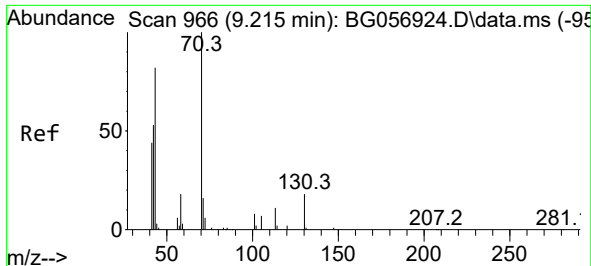
Ion Ratio Lower Upper

117 100

119 92.8 67.0 100.6

201 127.0 98.7 148.1

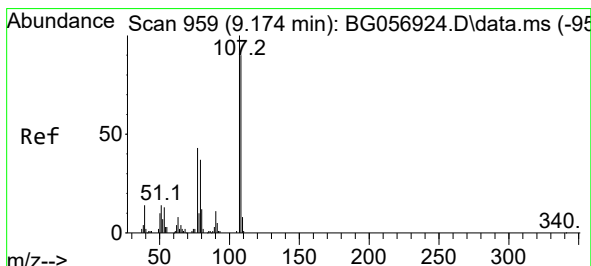
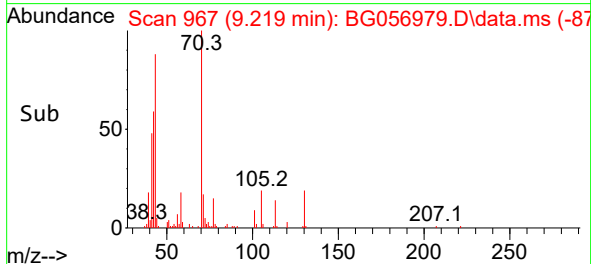
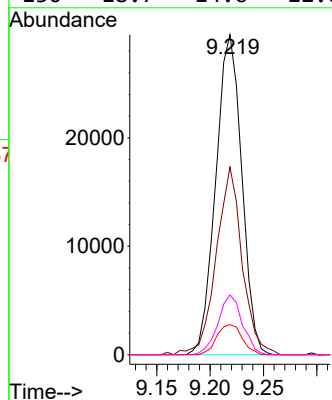
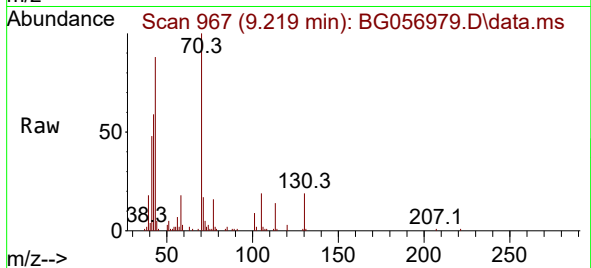




#19
n-Nitroso-di-n-propylamine
Concen: 38.930 ng
RT: 9.219 min Scan# 90
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

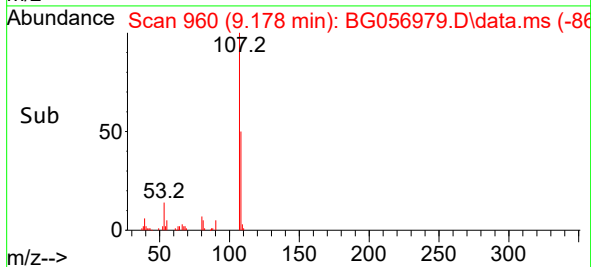
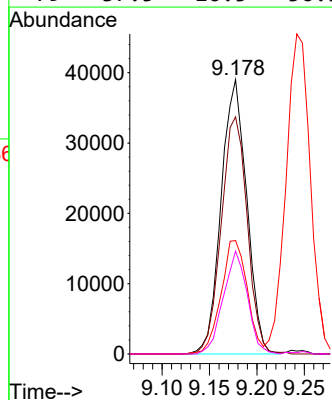
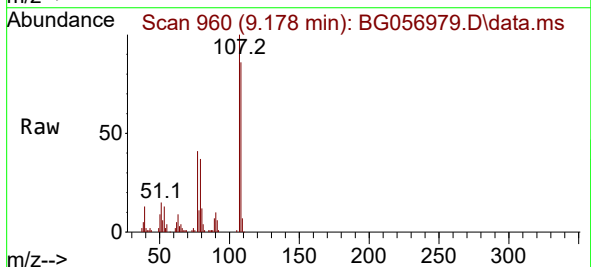
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

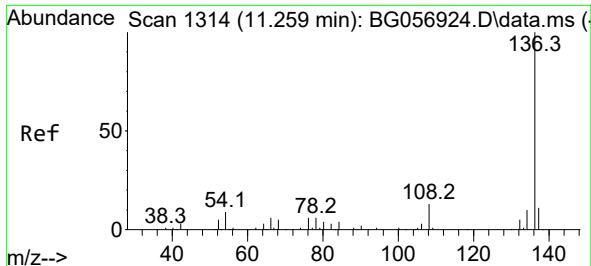
Tgt Ion: 70 Resp: 49931
Ion Ratio Lower Upper
70 100
42 58.6 43.4 65.0
101 9.4 6.2 9.2#
130 18.7 14.6 22.0



#20
3+4-Methylphenols
Concen: 41.326 ng
RT: 9.178 min Scan# 960
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

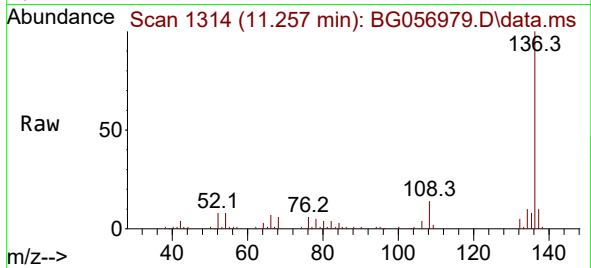
Tgt Ion: 107 Resp: 73251
Ion Ratio Lower Upper
107 100
108 86.4 69.9 109.9
77 41.3 22.7 62.7
79 37.5 16.5 56.5



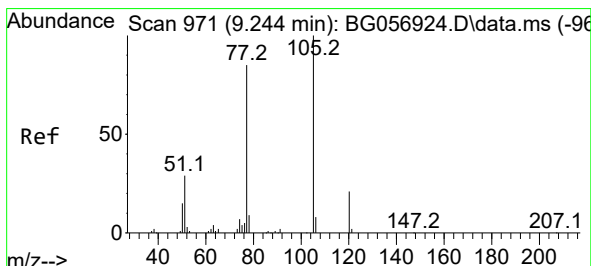
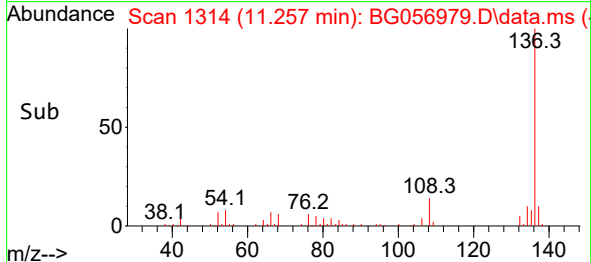
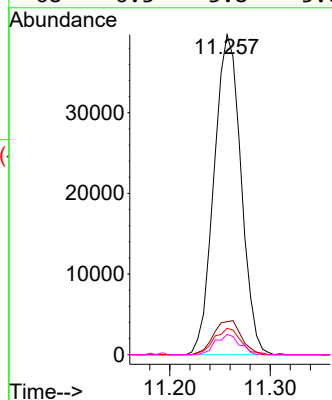


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.257 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

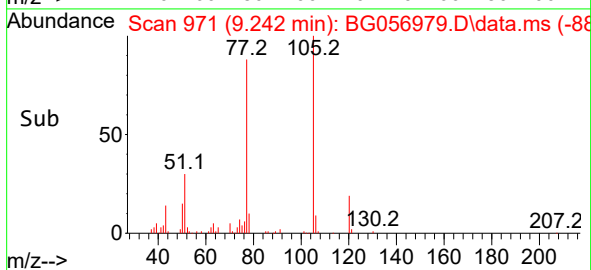
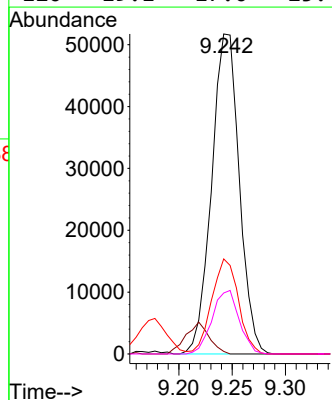
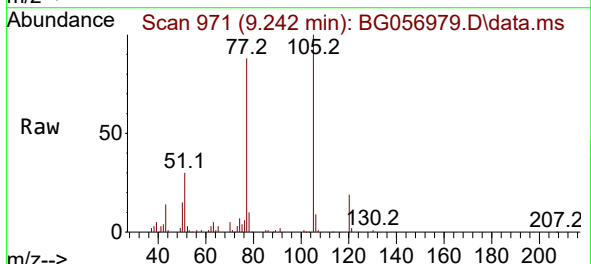


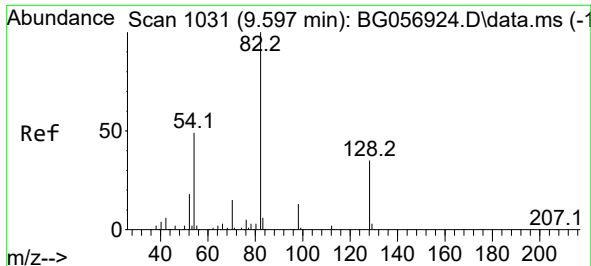
Tgt Ion:136 Resp: 73939
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.3 6.9 10.3
68 6.3 3.8 5.6#



#22
Acetophenone
Concen: 42.427 ng
RT: 9.242 min Scan# 971
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:105 Resp: 93345
Ion Ratio Lower Upper
105 100
71 0.8 0.7 1.1
51 29.7 23.8 35.8
120 19.1 17.0 25.4





#23

Nitrobenzene-d5

Concen: 58.250 ng

RT: 9.595 min Scan# 1031

Delta R.T. -0.002 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

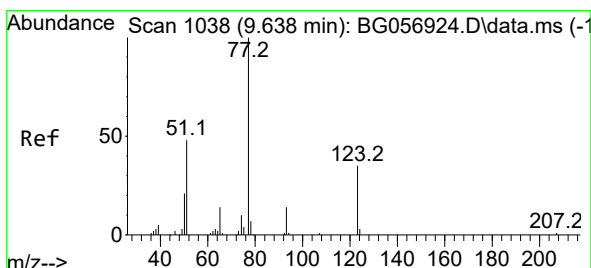
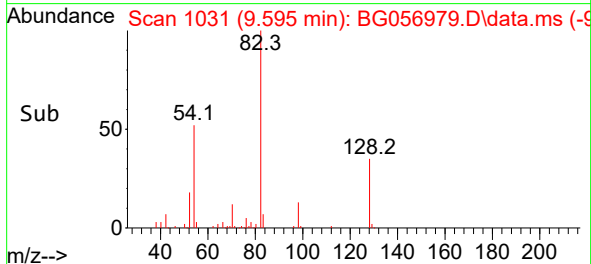
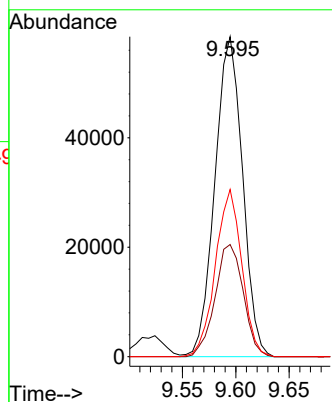
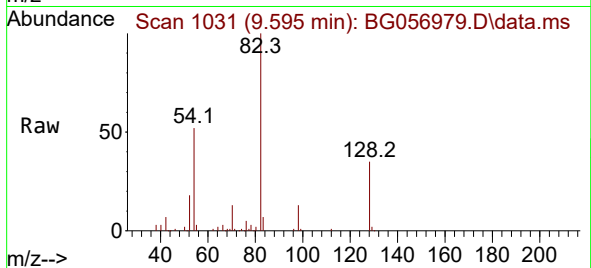
Tgt Ion: 82 Resp: 105259

Ion Ratio Lower Upper

82 100

128 35.1 27.9 41.9

54 52.3 39.4 59.2



#24

Nitrobenzene

Concen: 42.261 ng

RT: 9.636 min Scan# 1038

Delta R.T. -0.002 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

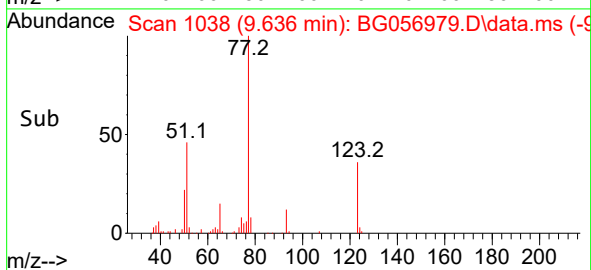
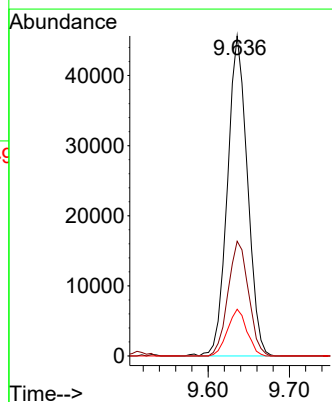
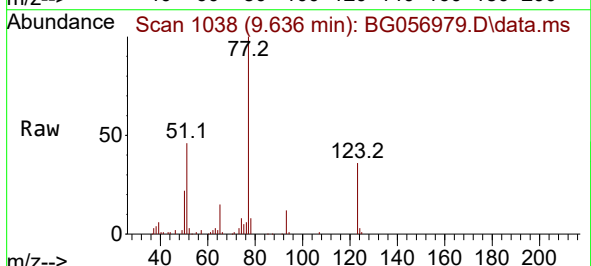
Tgt Ion: 77 Resp: 78076

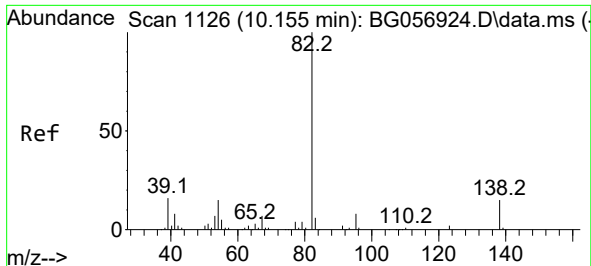
Ion Ratio Lower Upper

77 100

123 35.8 27.6 41.4

65 14.6 11.5 17.3

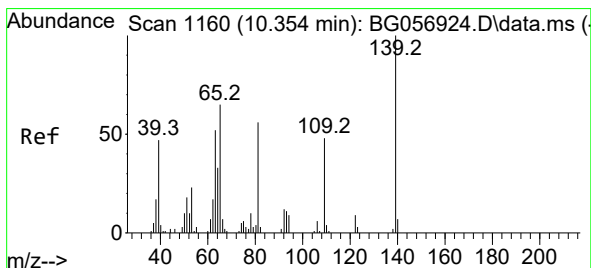
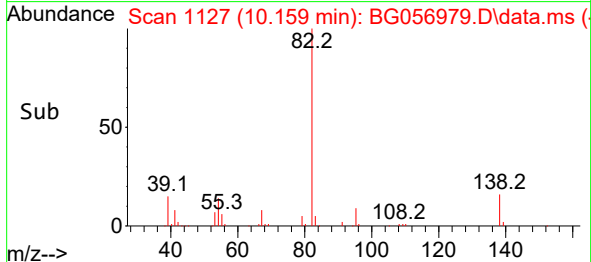
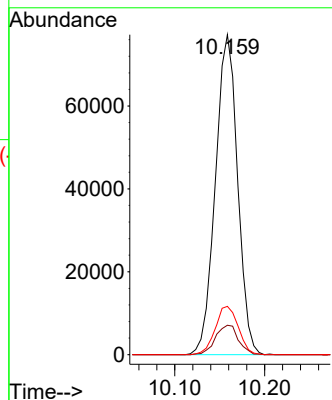
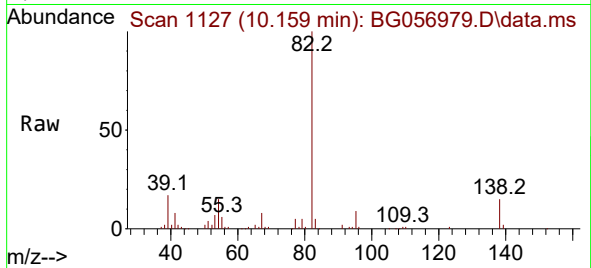




#25
Isophorone
Concen: 38.463 ng
RT: 10.159 min Scan# 1126
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

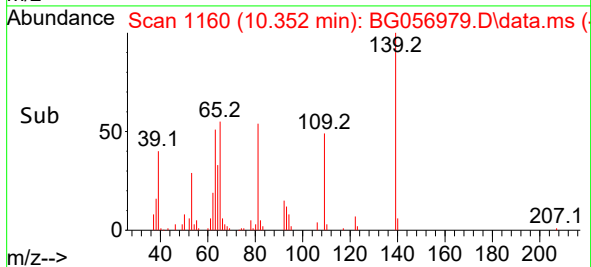
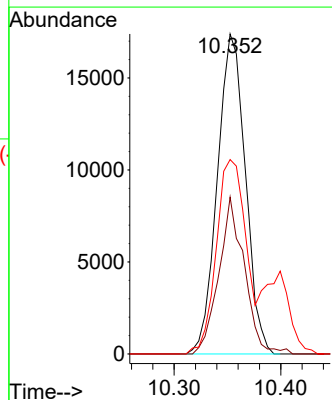
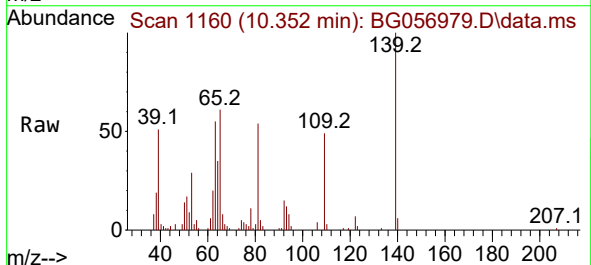
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

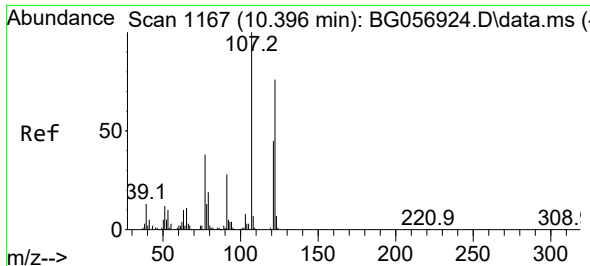
Tgt Ion: 82 Resp: 132351
Ion Ratio Lower Upper
82 100
95 9.2 6.3 9.5
138 15.1 11.8 17.8



#26
2-Nitrophenol
Concen: 44.506 ng
RT: 10.352 min Scan# 1160
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:139 Resp: 31737
Ion Ratio Lower Upper
139 100
109 49.0 38.2 57.4
65 60.8 51.8 77.8

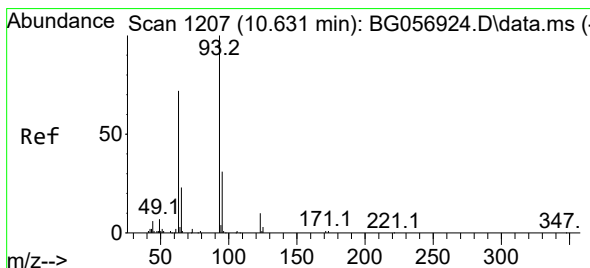
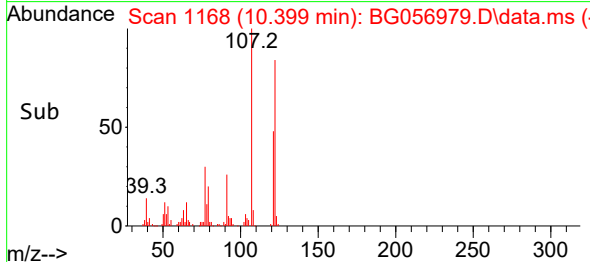
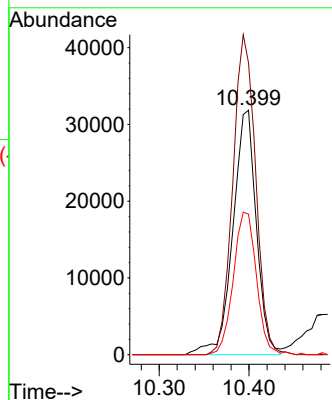
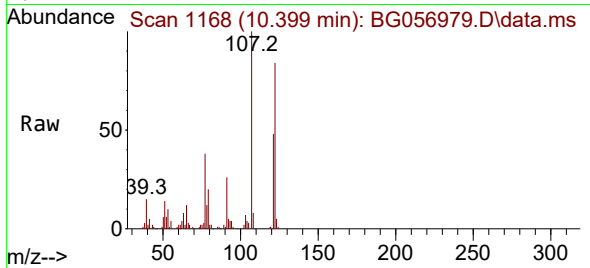




#27
2,4-Dimethylphenol
Concen: 45.969 ng
RT: 10.399 min Scan# 1167
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

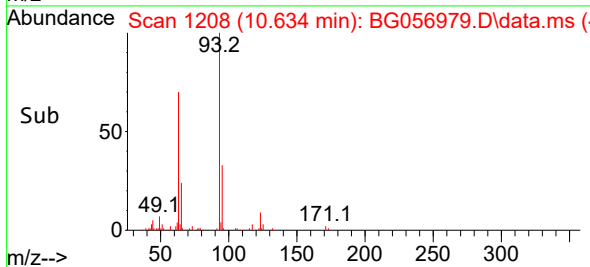
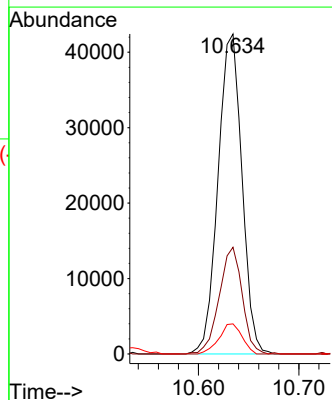
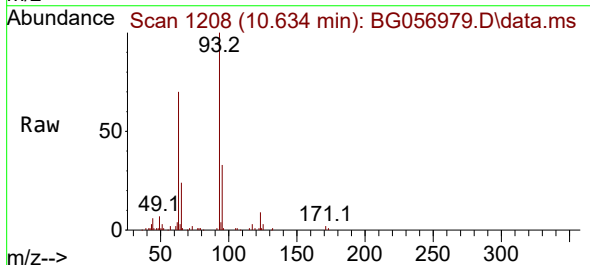
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

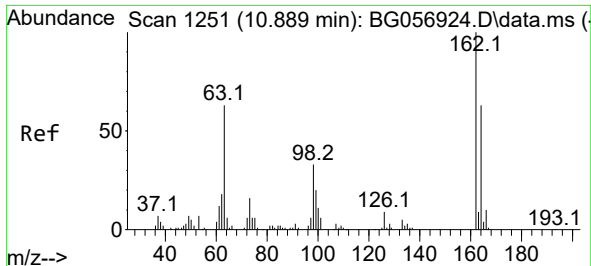
Tgt Ion:122 Resp: 57878
Ion Ratio Lower Upper
122 100
107 119.4 105.7 158.5
121 57.5 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.678 ng
RT: 10.634 min Scan# 1208
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion: 93 Resp: 70077
Ion Ratio Lower Upper
93 100
95 33.3 24.6 37.0
123 9.4 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 45.652 ng

RT: 10.893 min Scan# 11

Delta R.T. 0.004 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

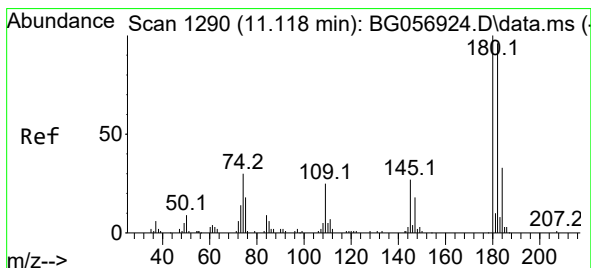
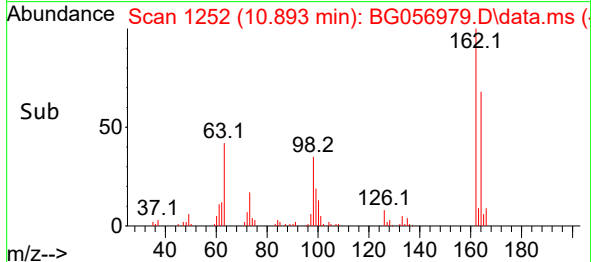
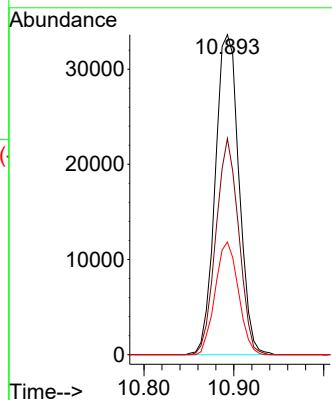
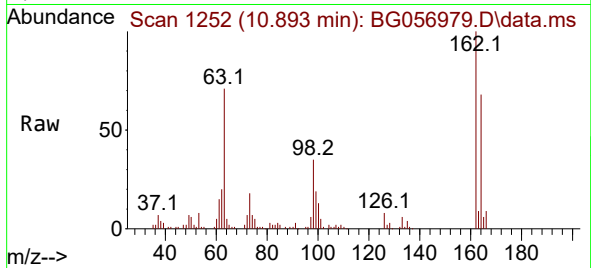
Tgt Ion:162 Resp: 61815

Ion Ratio Lower Upper

162 100

164 67.5 43.4 83.4

98 35.2 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 47.768 ng

RT: 11.116 min Scan# 1290

Delta R.T. -0.002 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

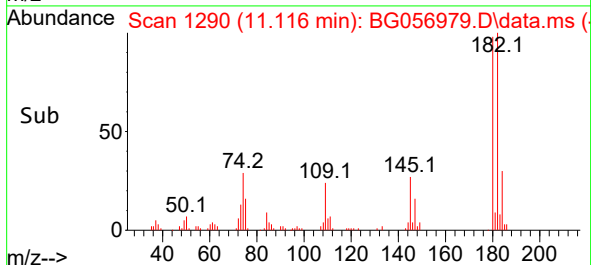
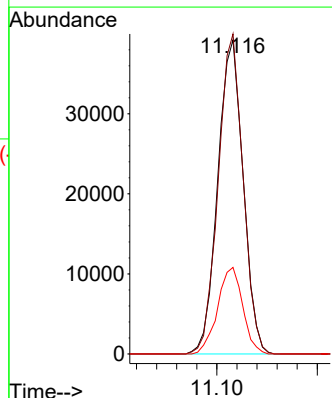
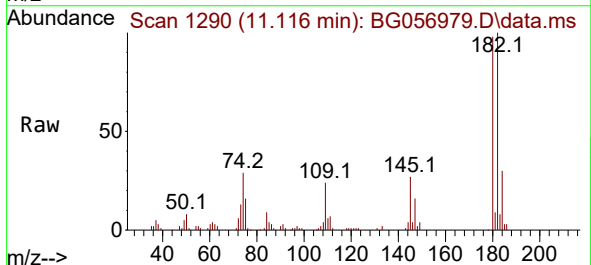
Tgt Ion:180 Resp: 68725

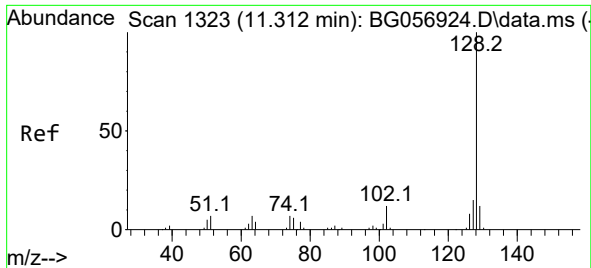
Ion Ratio Lower Upper

180 100

182 101.9 77.1 115.7

145 27.6 21.3 31.9

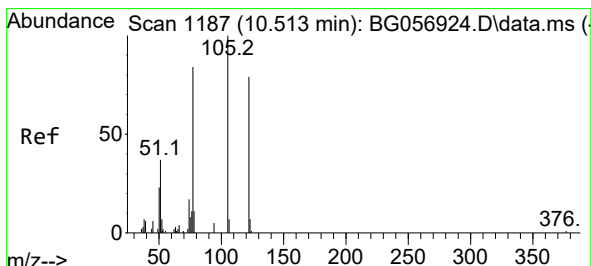
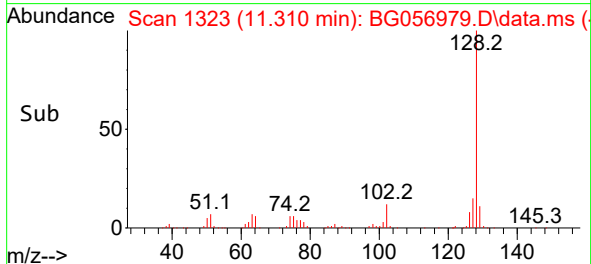
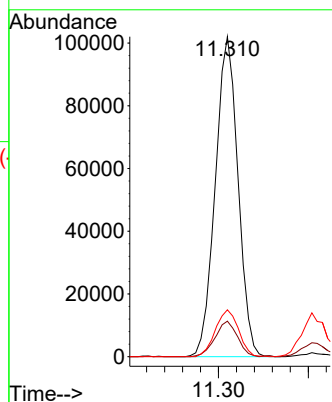
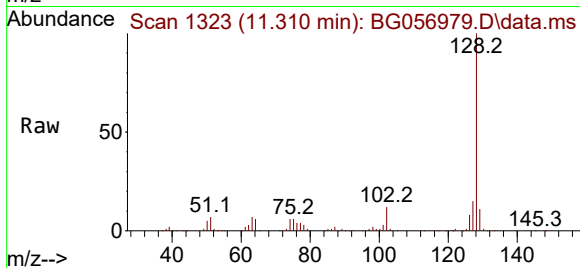




#31
Naphthalene
Concen: 44.357 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

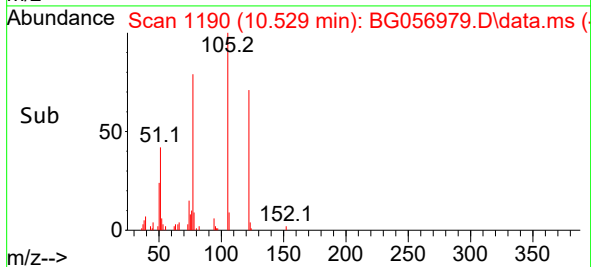
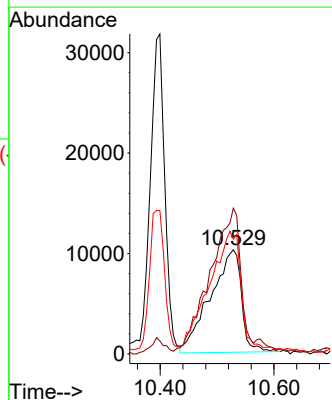
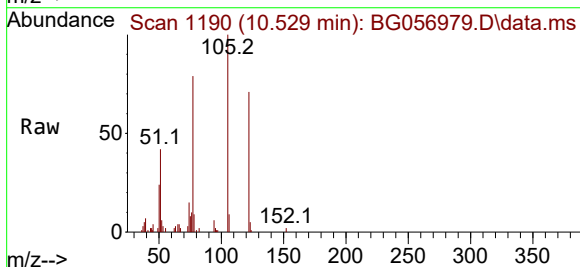
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

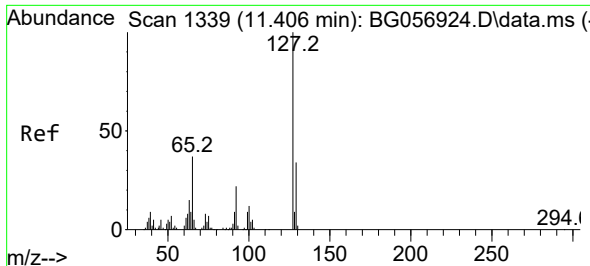
Tgt Ion:128 Resp: 178767
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 14.6 12.2 18.4



#32
Benzoic acid
Concen: 44.813 ng
RT: 10.529 min Scan# 1190
Delta R.T. 0.016 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:122 Resp: 38757
Ion Ratio Lower Upper
122 100
105 139.9 105.4 145.4
77 110.3 87.4 127.4

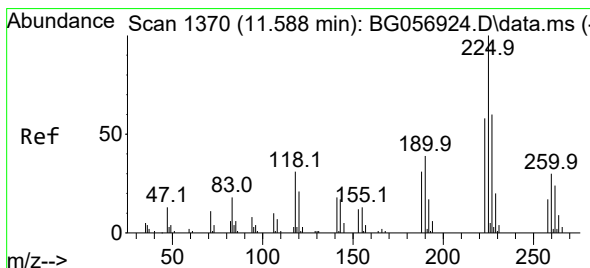
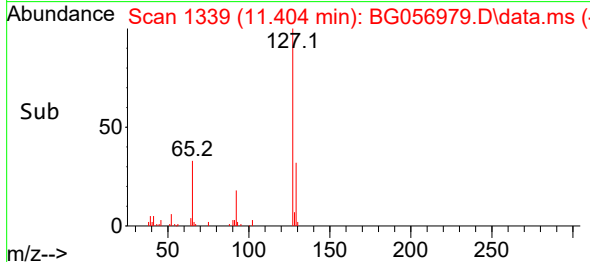
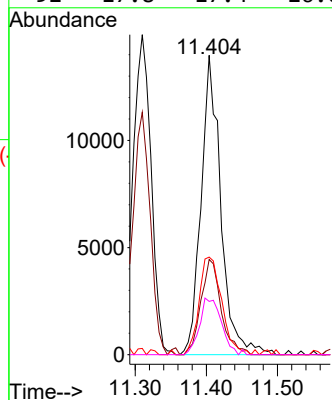
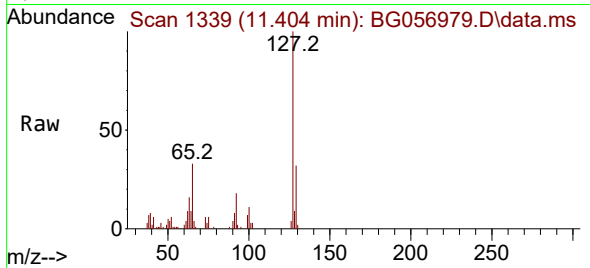




#33
4-Chloroaniline
Concen: 14.852 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

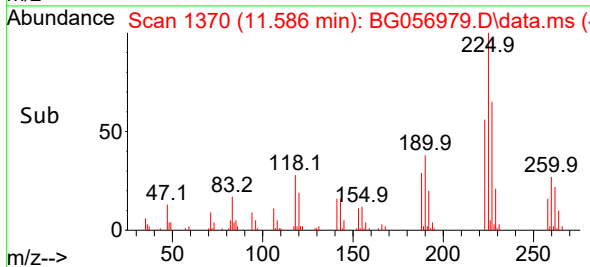
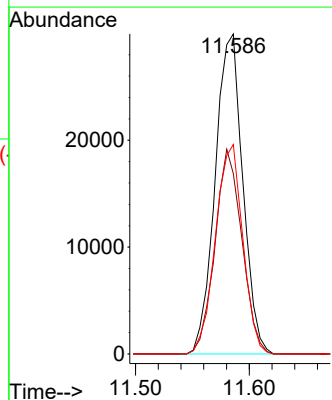
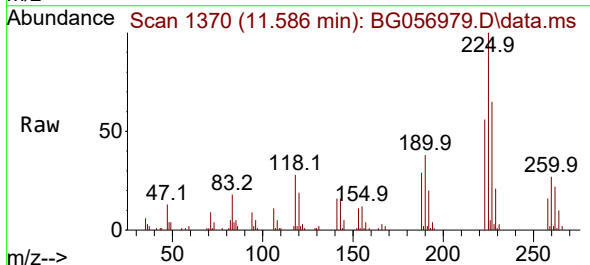
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

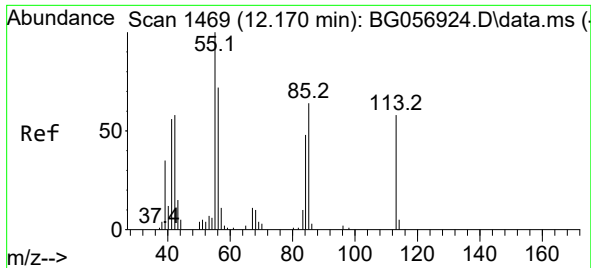
Tgt Ion:	127	Resp:	27033
Ion	Ratio	Lower	Upper
127	100		
129	31.8	27.6	41.4
65	32.6	29.8	44.8
92	17.8	17.4	26.0



#34
Hexachlorobutadiene
Concen: 46.711 ng
RT: 11.586 min Scan# 1370
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:	225	Resp:	50482
Ion	Ratio	Lower	Upper
225	100		
223	56.4	46.4	69.6
227	65.5	48.0	72.0

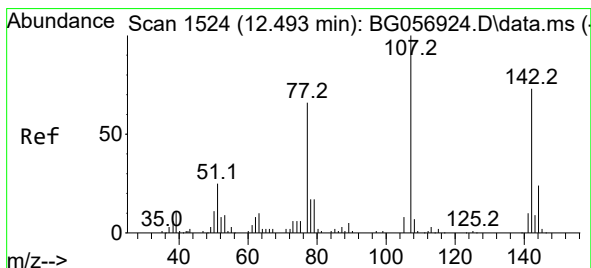
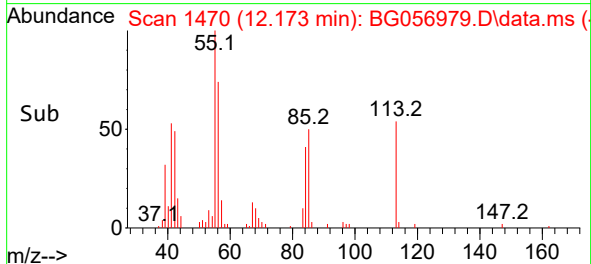
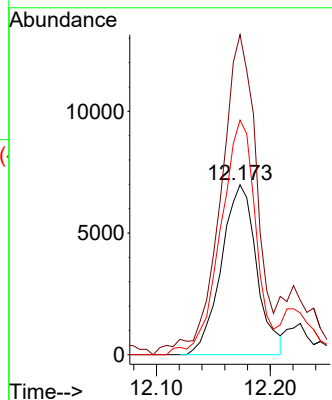
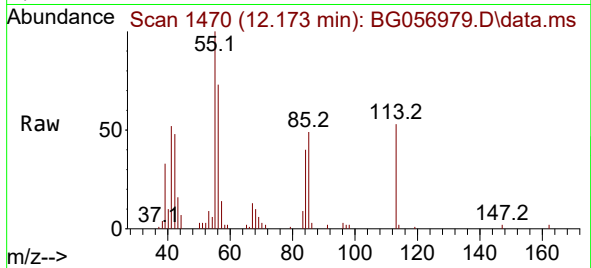




#35
 Caprolactam
 Concen: 32.159 ng
 RT: 12.173 min Scan# 1469
 Delta R.T. 0.004 min
 Lab File: BG056979.D
 Acq: 5 Apr 2023 00:27

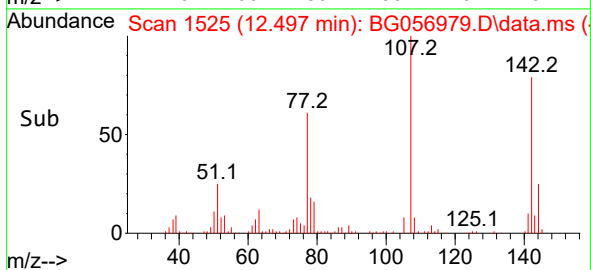
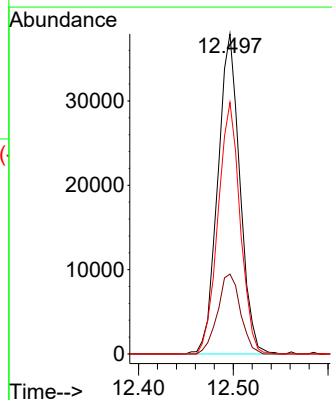
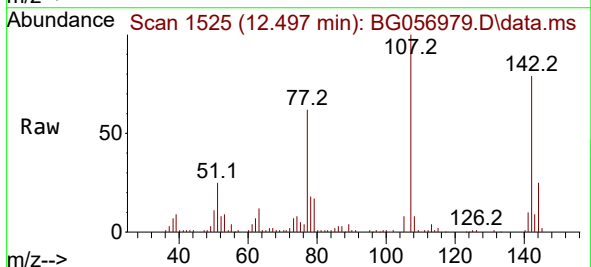
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-040323MSD

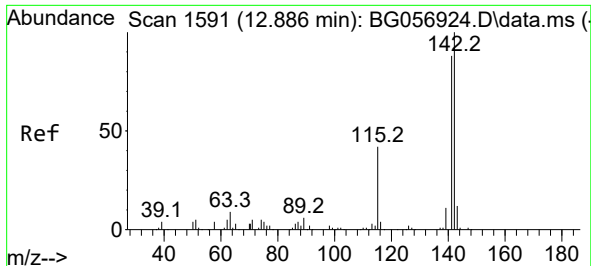
Tgt Ion:113 Resp: 15017
 Ion Ratio Lower Upper
 113 100
 55 188.3 151.6 191.6
 56 138.0 103.7 143.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.568 ng
 RT: 12.497 min Scan# 1525
 Delta R.T. 0.004 min
 Lab File: BG056979.D
 Acq: 5 Apr 2023 00:27

Tgt Ion:107 Resp: 61431
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.0 28.4
 142 78.6 58.6 88.0





#37

2-Methylnaphthalene

Concen: 40.679 ng

RT: 12.884 min Scan# 1591

Delta R.T. -0.002 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

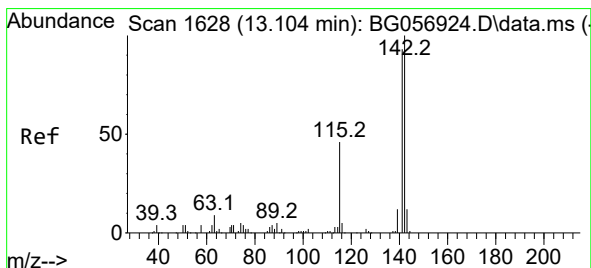
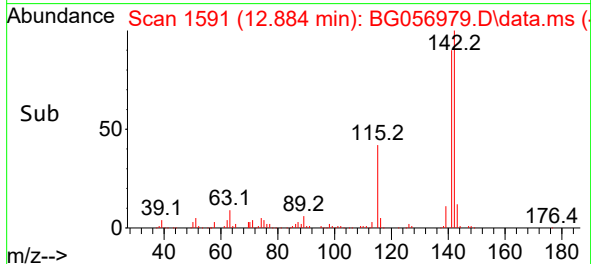
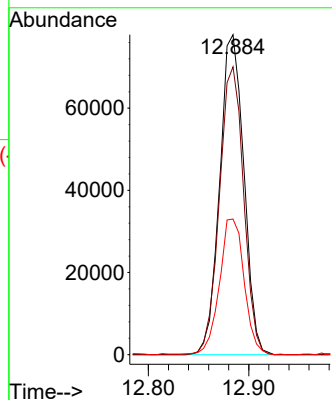
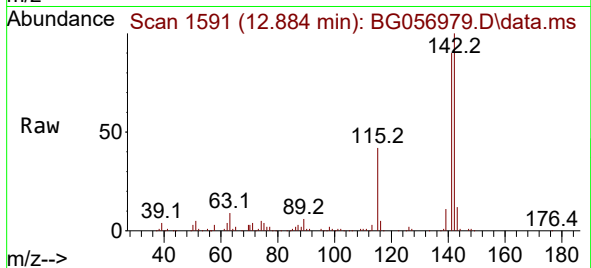
Tgt Ion:142 Resp: 130117

Ion Ratio Lower Upper

142 100

141 89.9 70.3 105.5

115 42.4 33.5 50.3



#38

1-Methylnaphthalene

Concen: 40.030 ng

RT: 13.102 min Scan# 1628

Delta R.T. -0.002 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

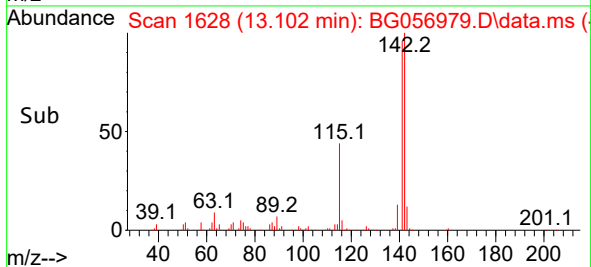
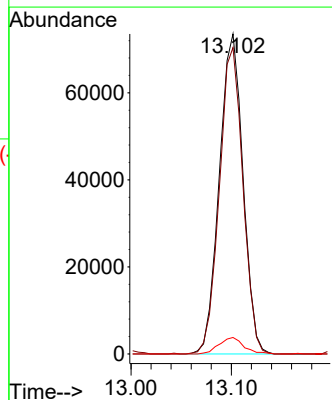
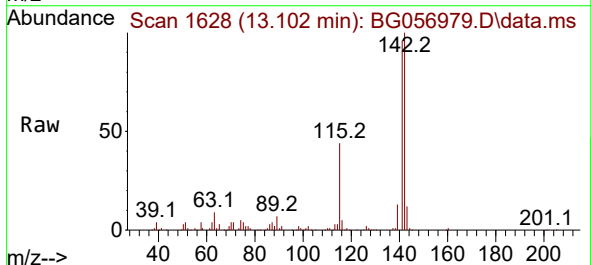
Tgt Ion:142 Resp: 120229

Ion Ratio Lower Upper

142 100

141 95.8 74.0 111.0

116 5.2 3.7 5.5

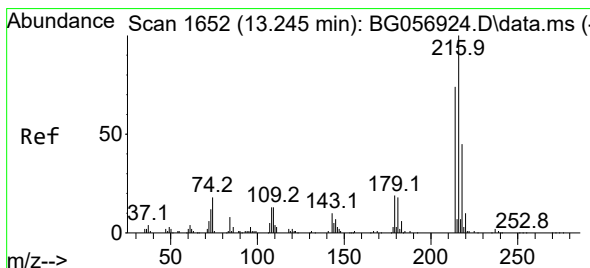
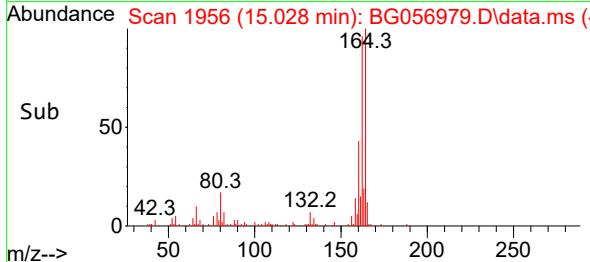
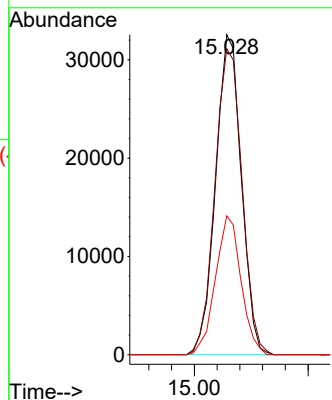
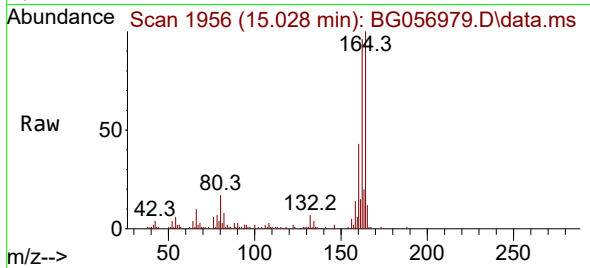




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.028 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

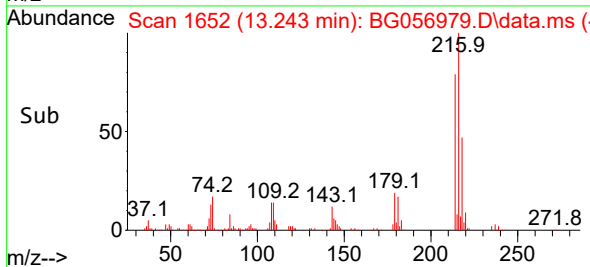
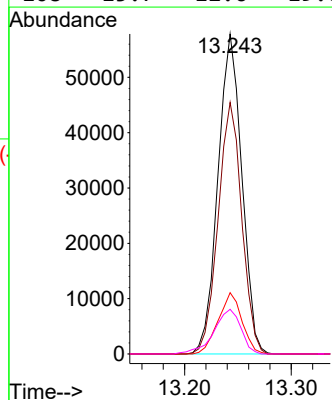
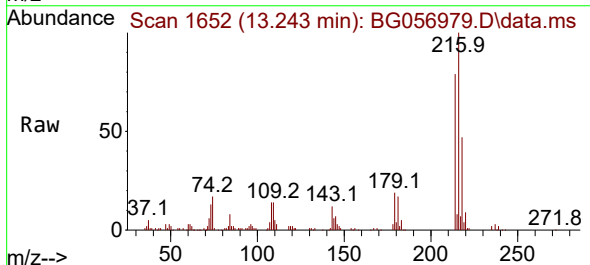
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

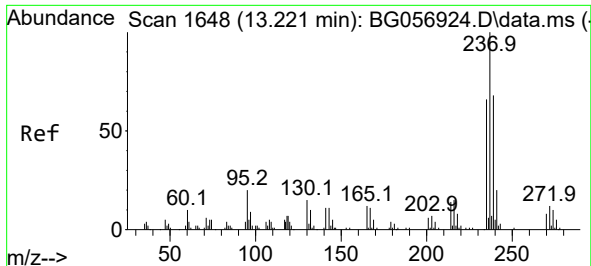
Tgt Ion:164 Resp: 51005
Ion Ratio Lower Upper
164 100
162 95.6 77.8 116.8
160 43.4 33.5 50.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.848 ng
RT: 13.243 min Scan# 1652
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

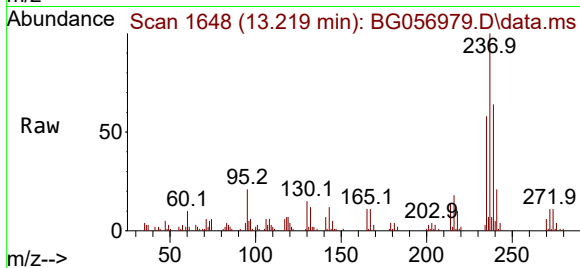
Tgt Ion:216 Resp: 89935
Ion Ratio Lower Upper
216 100
214 77.6 63.3 94.9
179 19.1 15.0 22.6
108 15.7 12.6 19.0



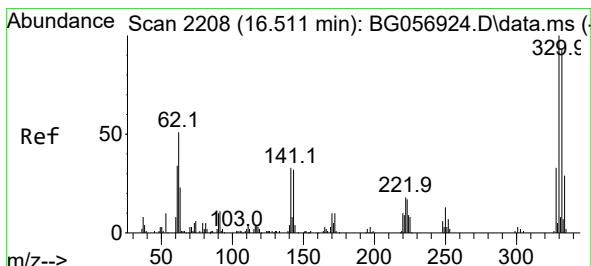
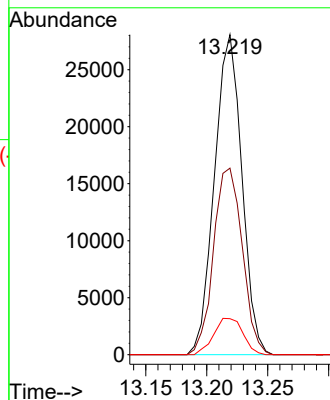
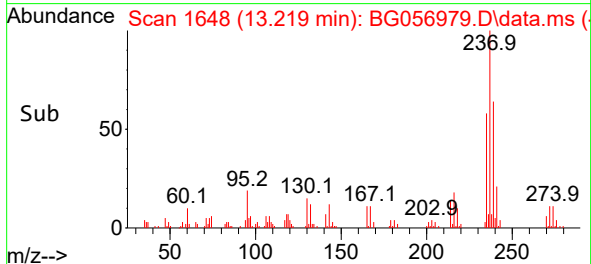


#41
Hexachlorocyclopentadiene
Concen: 45.025 ng
RT: 13.219 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

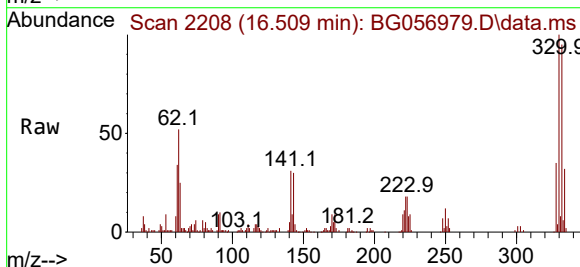
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



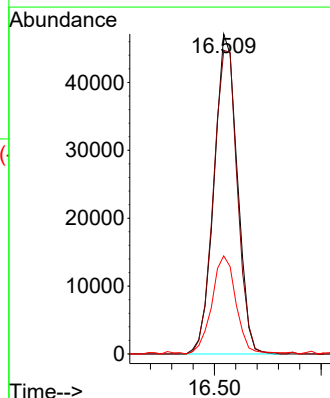
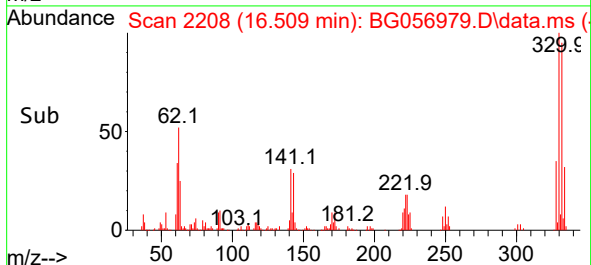
Tgt Ion:237 Resp: 43877
Ion Ratio Lower Upper
237 100
235 58.3 45.9 85.9
272 11.2 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 87.055 ng
RT: 16.509 min Scan# 2208
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27



Tgt Ion:330 Resp: 70934
Ion Ratio Lower Upper
330 100
332 98.0 76.1 114.1
141 32.2 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 49.049 ng

RT: 13.472 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

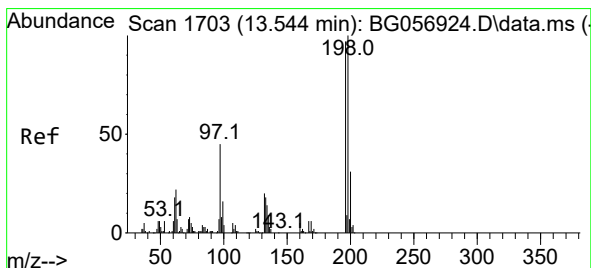
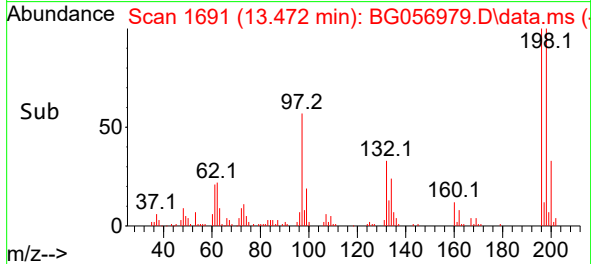
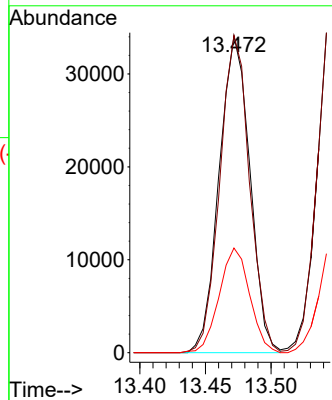
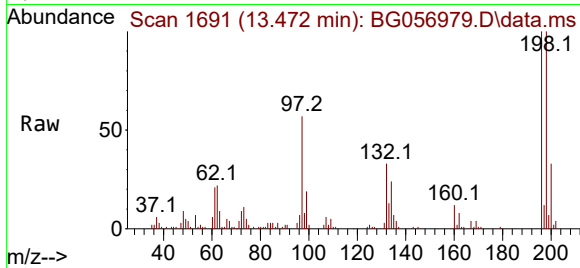
Tgt Ion:196 Resp: 55360

Ion Ratio Lower Upper

196 100

198 100.2 79.1 118.7

200 33.0 27.2 40.8



#44

2,4,5-Trichlorophenol

Concen: 45.264 ng

RT: 13.548 min Scan# 1704

Delta R.T. 0.004 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

Tgt Ion:196 Resp: 60523

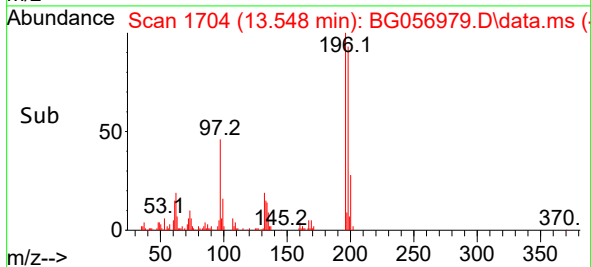
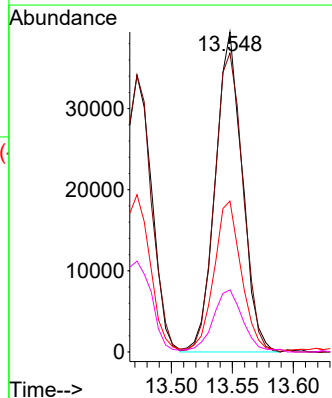
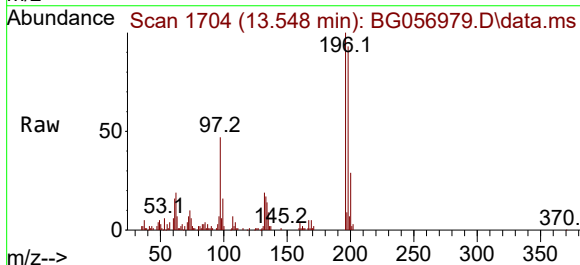
Ion Ratio Lower Upper

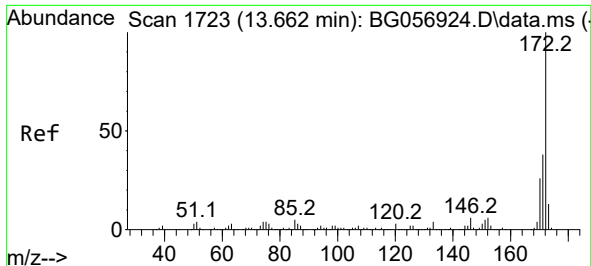
196 100

198 93.4 82.5 123.7

97 47.1 37.0 55.6

132 19.4 17.1 25.7

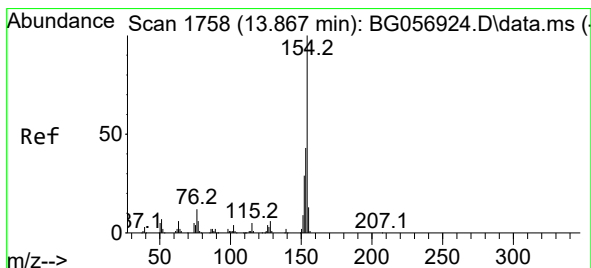
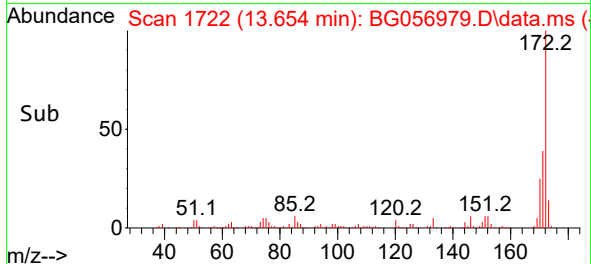
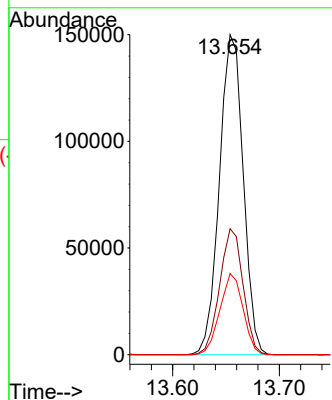
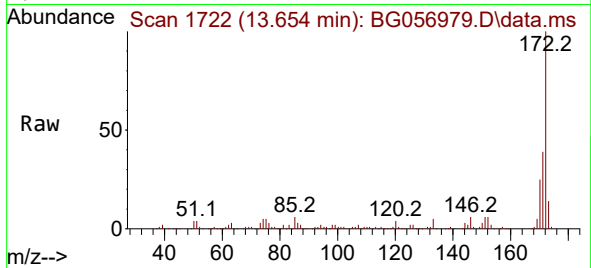




#45
2-Fluorobiphenyl
Concen: 61.786 ng
RT: 13.654 min Scan# 1722
Delta R.T. -0.008 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

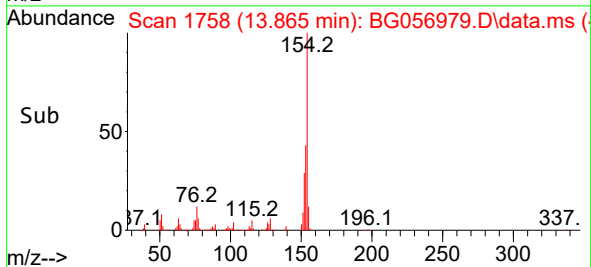
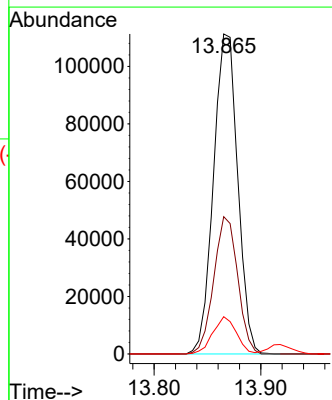
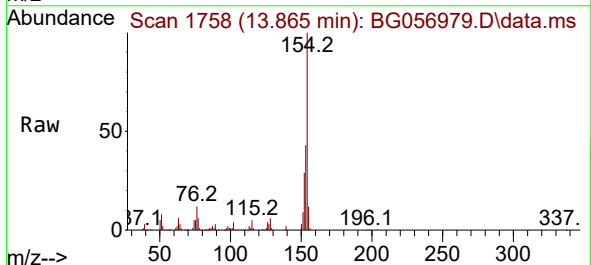
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

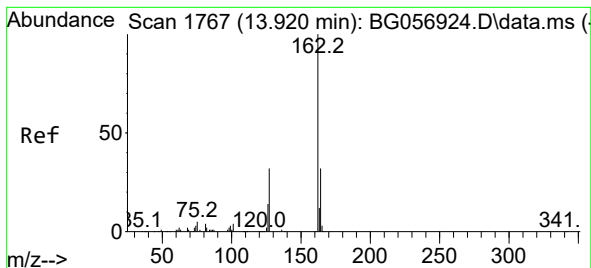
Tgt Ion:172 Resp: 232402
Ion Ratio Lower Upper
172 100
171 39.4 30.6 46.0
170 25.4 20.6 30.8



#46
1,1'-Biphenyl
Concen: 46.919 ng
RT: 13.865 min Scan# 1758
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:154 Resp: 175181
Ion Ratio Lower Upper
154 100
153 42.9 23.4 63.4
76 11.6 0.0 31.6

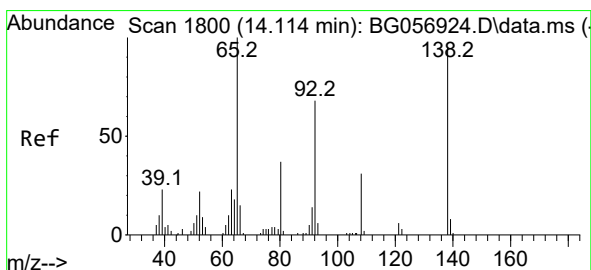
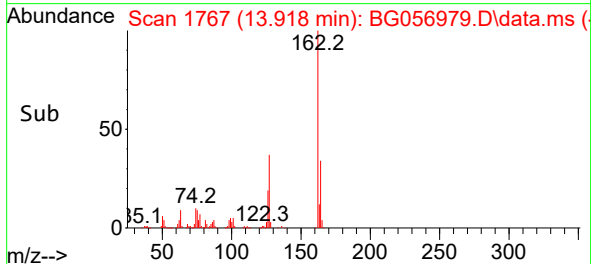
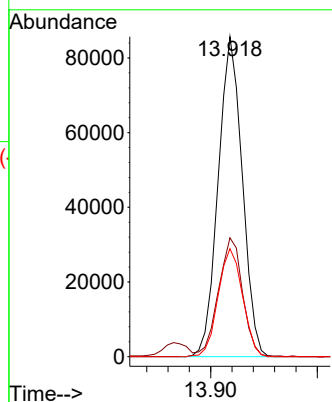
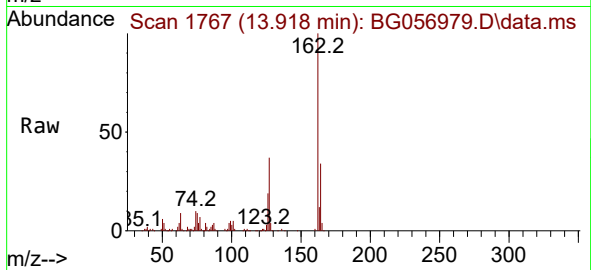




#47
2-Chloronaphthalene
Concen: 48.615 ng
RT: 13.918 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

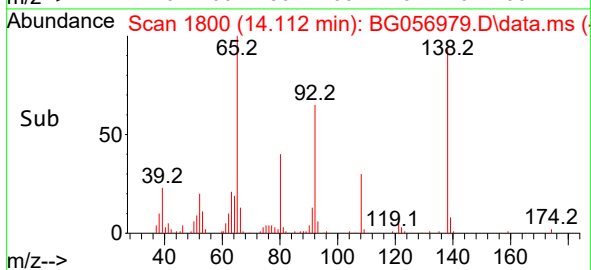
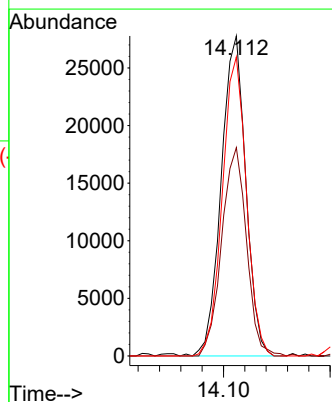
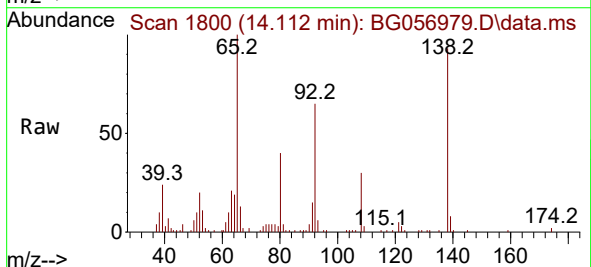
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

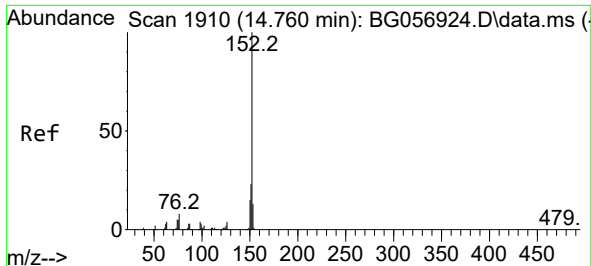
Tgt Ion:162 Resp: 134247
Ion Ratio Lower Upper
162 100
127 37.1 29.5 44.3
164 33.8 25.5 38.3



#48
2-Nitroaniline
Concen: 44.921 ng
RT: 14.112 min Scan# 1800
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion: 65 Resp: 44356
Ion Ratio Lower Upper
65 100
92 65.1 54.3 81.5
138 93.5 76.0 114.0

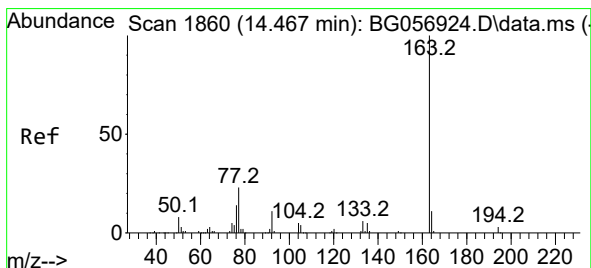
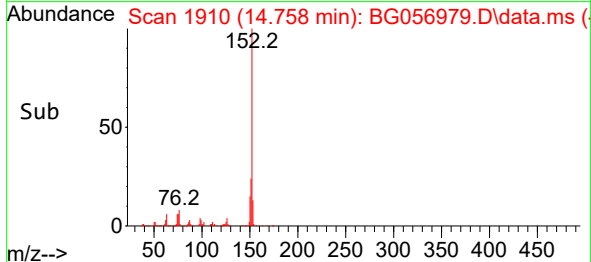
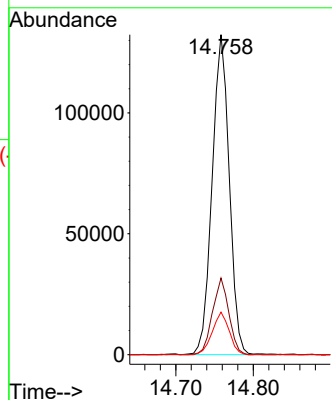
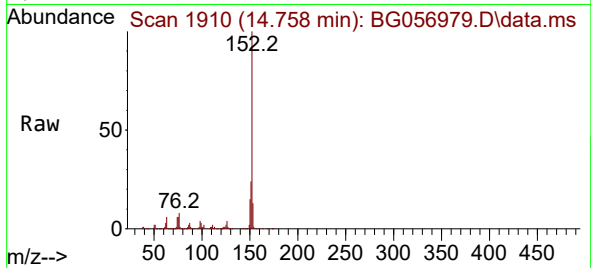




#49
Acenaphthylene
Concen: 44.749 ng
RT: 14.758 min Scan# 1910
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

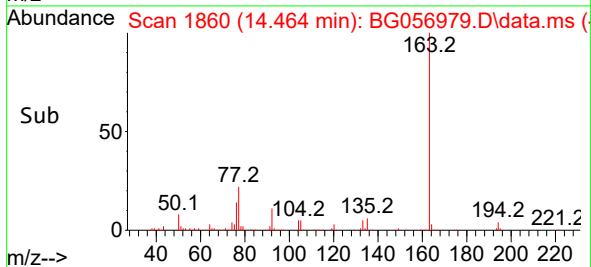
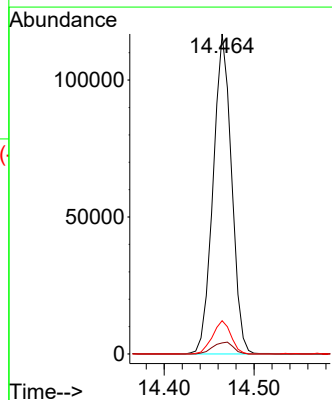
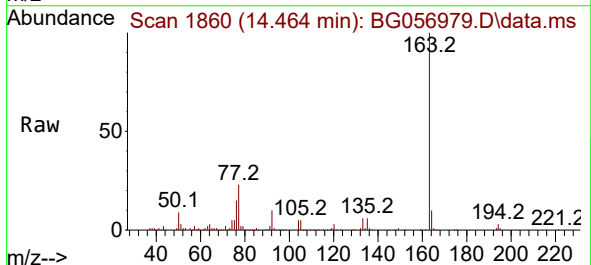
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

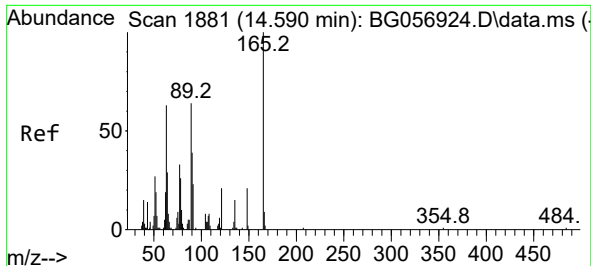
Tgt Ion:152 Resp: 203029
Ion Ratio Lower Upper
152 100
151 24.0 18.2 27.2
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 41.475 ng
RT: 14.464 min Scan# 1860
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:163 Resp: 166680
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.4 8.8 13.2

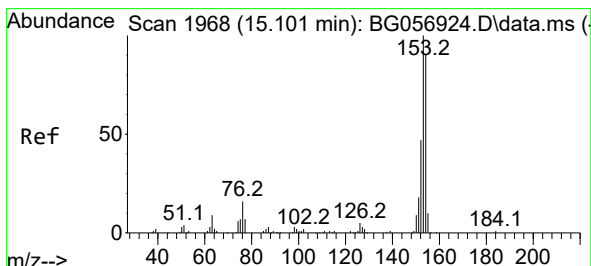
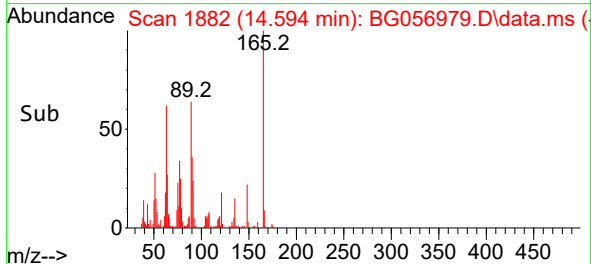
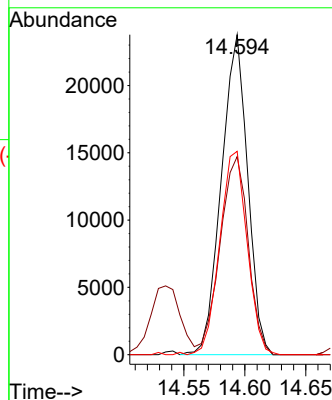
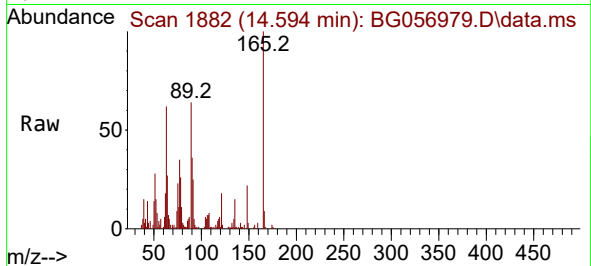




#51
2,6-Dinitrotoluene
Concen: 41.028 ng
RT: 14.594 min Scan# 1881
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

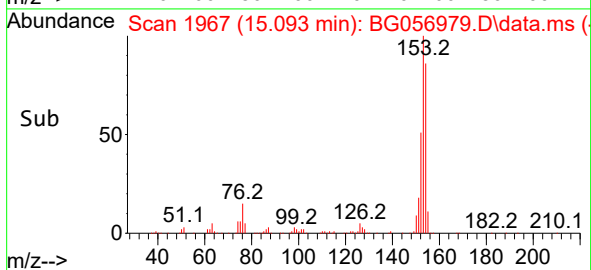
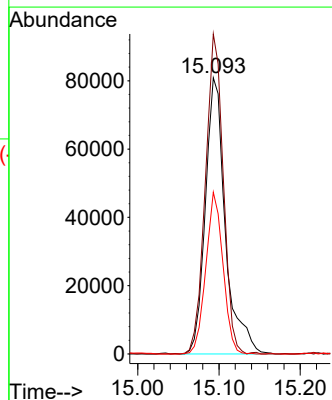
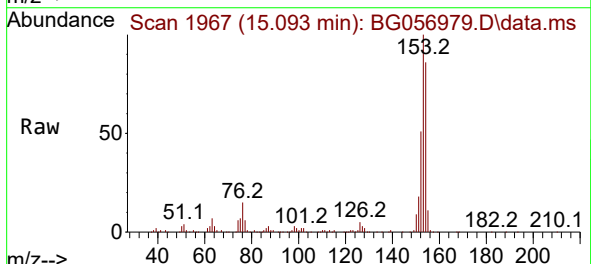
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

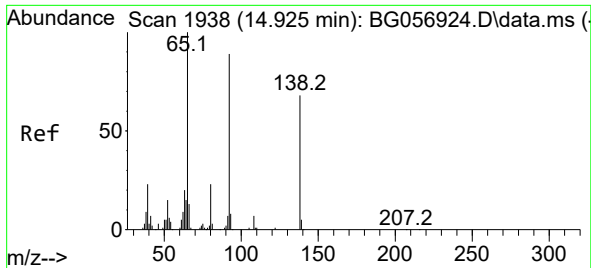
Tgt Ion:165 Resp: 35625
Ion Ratio Lower Upper
165 100
63 61.9 53.0 79.6
89 63.6 51.0 76.4



#52
Acenaphthene
Concen: 44.229 ng
RT: 15.093 min Scan# 1967
Delta R.T. -0.008 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:154 Resp: 138399
Ion Ratio Lower Upper
154 100
153 115.9 88.9 133.3
152 58.6 41.8 62.8

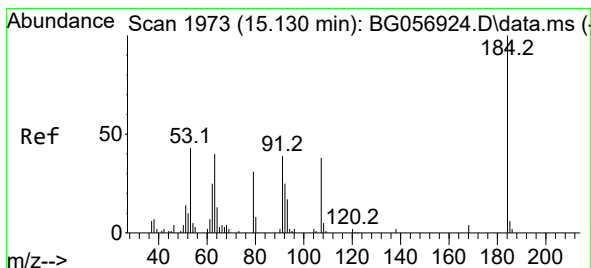
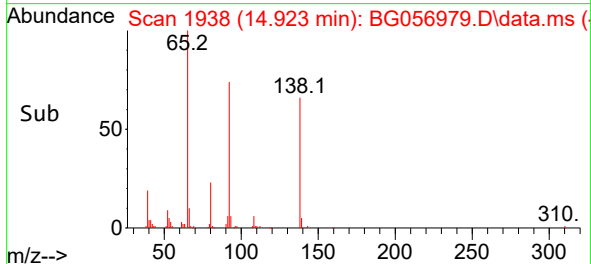
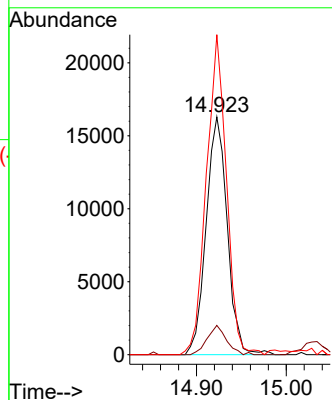
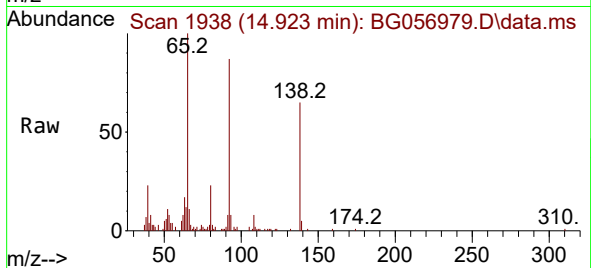




#53
3-Nitroaniline
Concen: 30.973 ng
RT: 14.923 min Scan# 1938
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

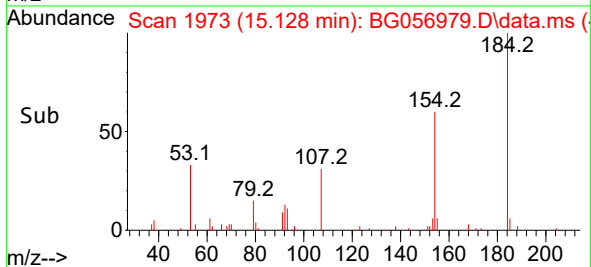
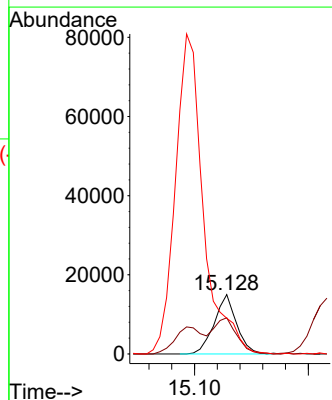
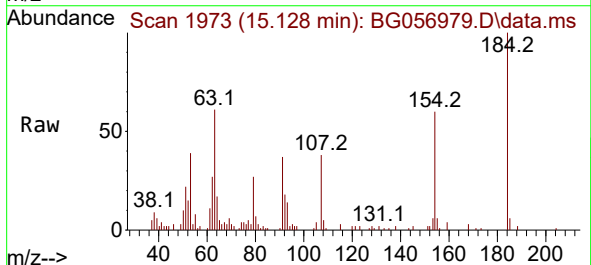
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

Tgt Ion:138 Resp: 26620
Ion Ratio Lower Upper
138 100
108 12.3 8.2 12.2#
92 134.6 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 41.834 ng
RT: 15.128 min Scan# 1973
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:184 Resp: 20446
Ion Ratio Lower Upper
184 100
63 60.9 46.5 69.7
154 60.0 53.5 80.3

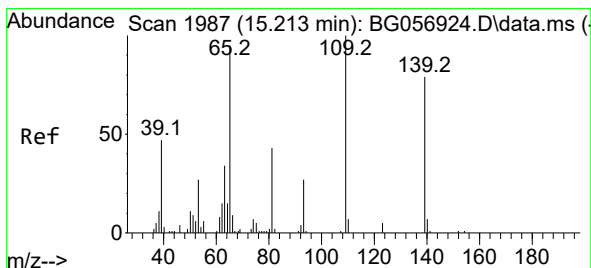
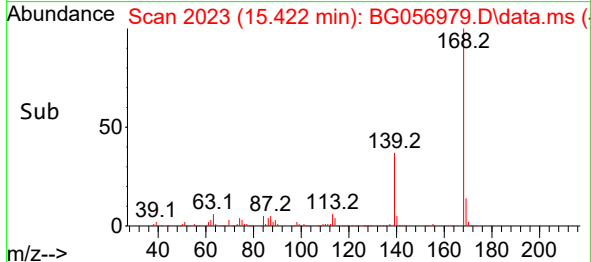
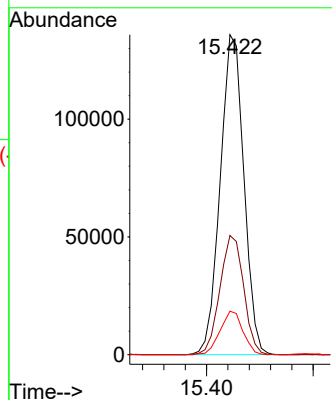
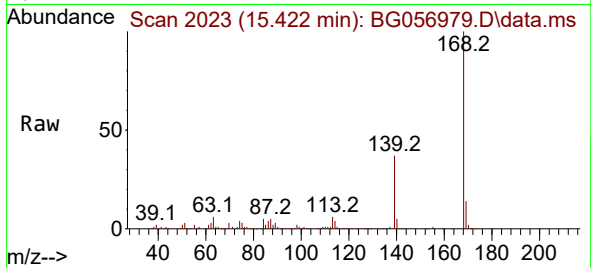




#55
Dibenzenofuran
Concen: 44.478 ng
RT: 15.422 min Scan# 20
Delta R.T. -0.008 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

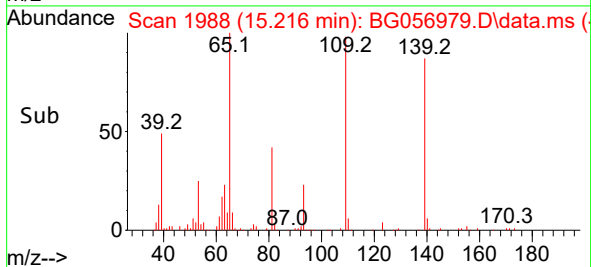
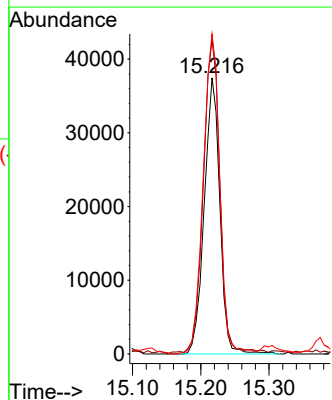
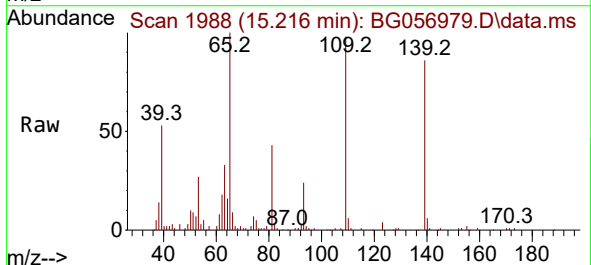
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

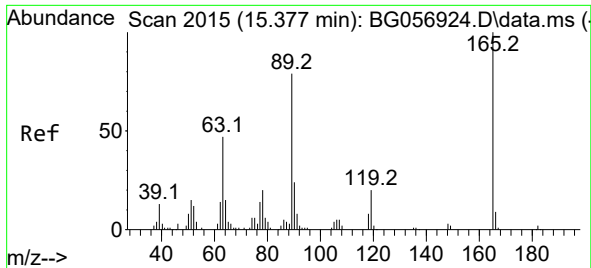
Tgt Ion:168 Resp: 208890
Ion Ratio Lower Upper
168 100
139 37.3 28.9 43.3
169 13.6 9.8 14.6



#56
4-Nitrophenol
Concen: 93.804 ng
RT: 15.216 min Scan# 1988
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:139 Resp: 59617
Ion Ratio Lower Upper
139 100
109 113.6 106.7 146.7
65 115.9 100.5 140.5





#57

2,4-Dinitrotoluene

Concen: 40.741 ng

RT: 15.375 min Scan# 20

Delta R.T. -0.002 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

Tgt Ion:165 Resp: 49894

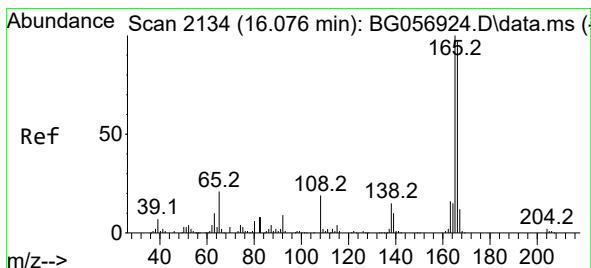
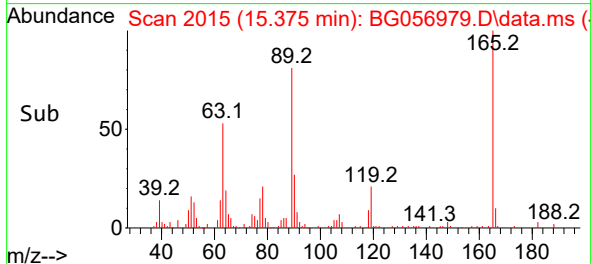
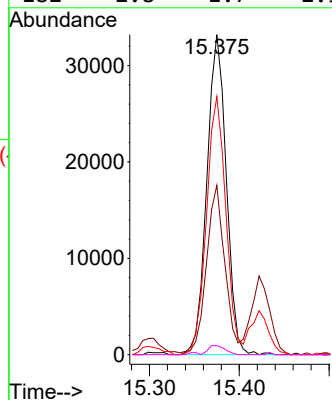
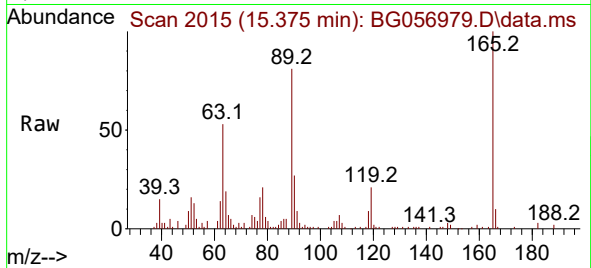
Ion Ratio Lower Upper

165 100

63 52.9 37.7 56.5

89 80.7 63.2 94.8

182 2.8 1.7 2.5#



#58

Fluorene

Concen: 43.159 ng

RT: 16.068 min Scan# 2133

Delta R.T. -0.008 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

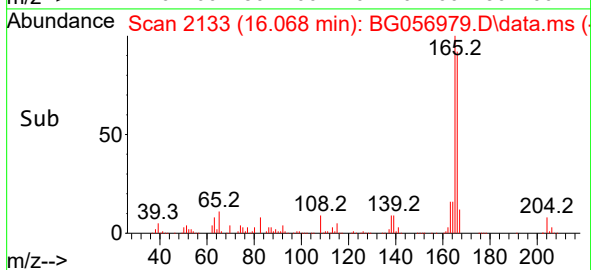
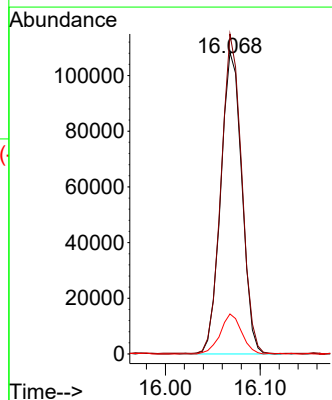
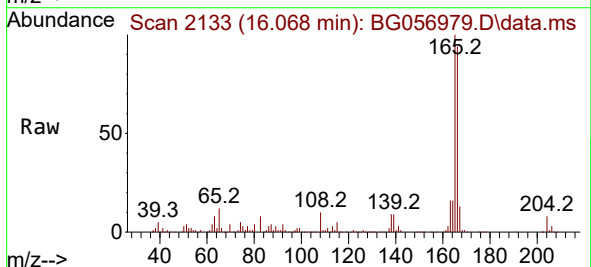
Tgt Ion:166 Resp: 167725

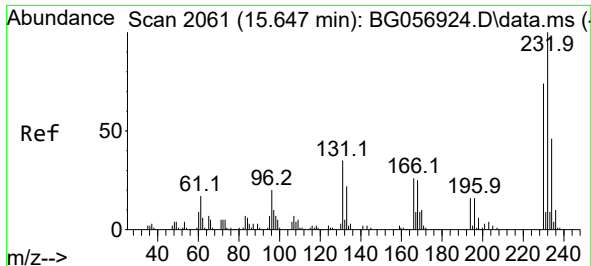
Ion Ratio Lower Upper

166 100

165 106.1 82.6 123.8

167 13.3 10.2 15.2

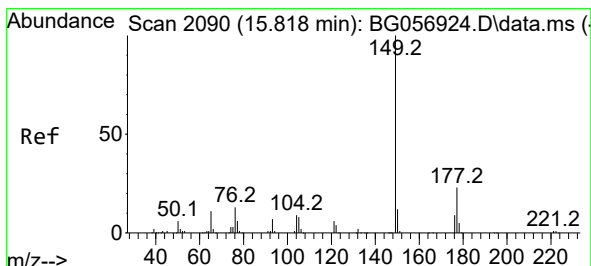
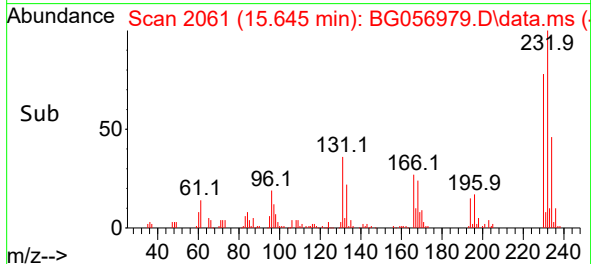
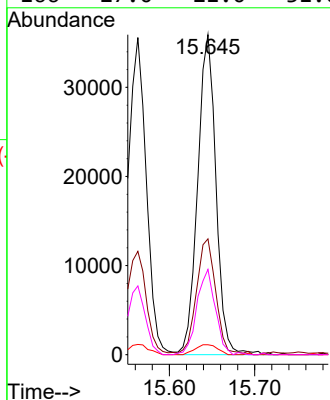
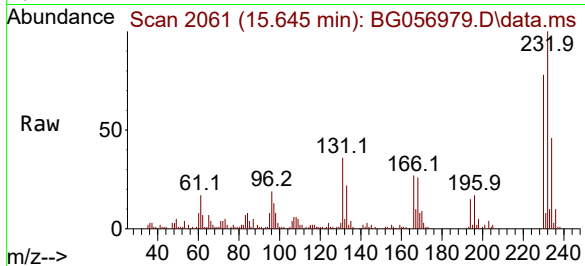




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.031 ng
RT: 15.645 min Scan# 2061
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

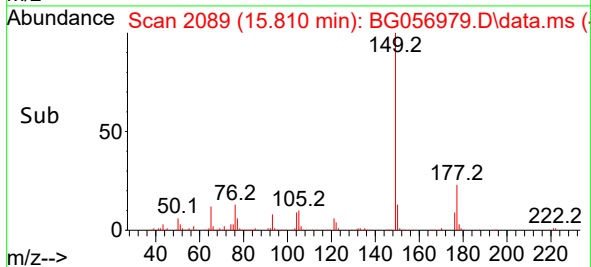
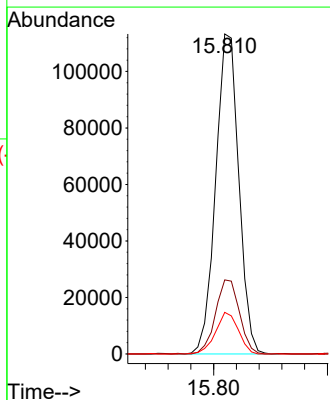
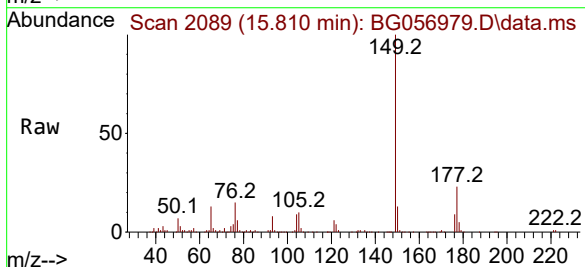
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

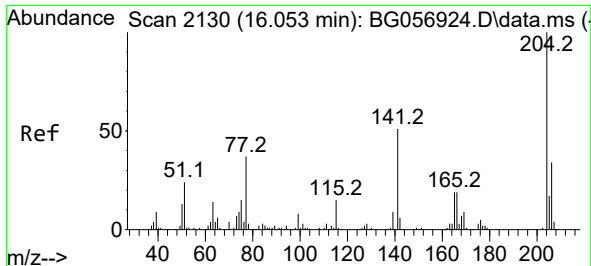
Tgt Ion:232 Resp: 53604
Ion Ratio Lower Upper
232 100
131 38.3 29.3 43.9
130 3.8 1.7 2.5#
166 27.0 21.0 31.6



#60
Diethylphthalate
Concen: 39.648 ng
RT: 15.810 min Scan# 2089
Delta R.T. -0.008 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:149 Resp: 159737
Ion Ratio Lower Upper
149 100
177 23.1 18.8 28.2
150 13.0 9.4 14.2

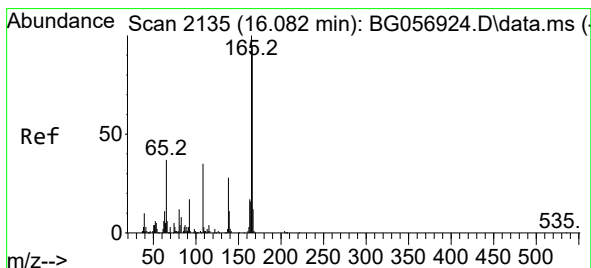
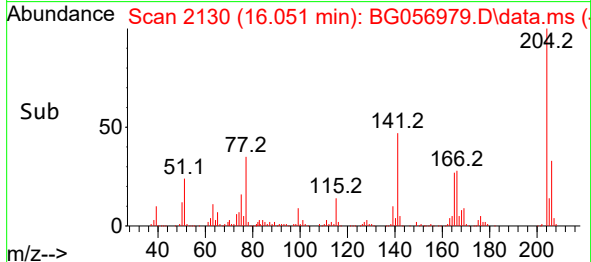
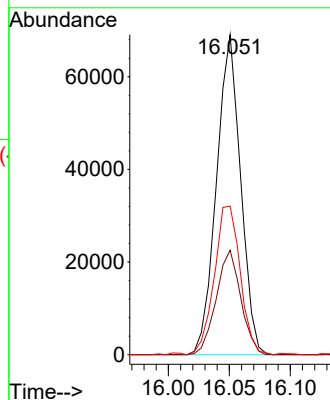
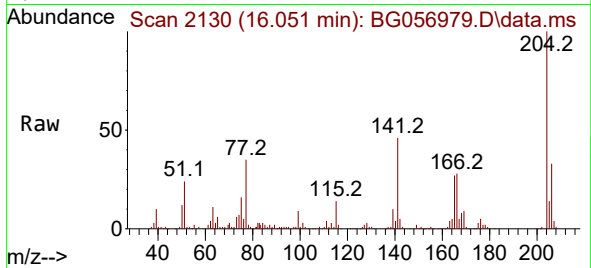




#61
4-Chlorophenyl-phenylether
Concen: 41.576 ng
RT: 16.051 min Scan# 2130
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

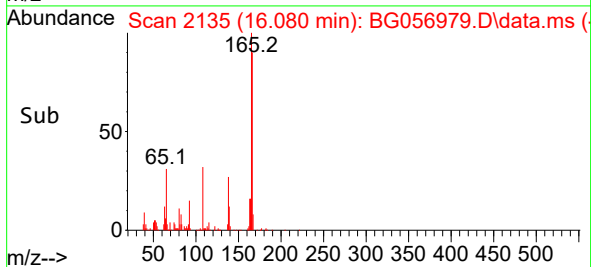
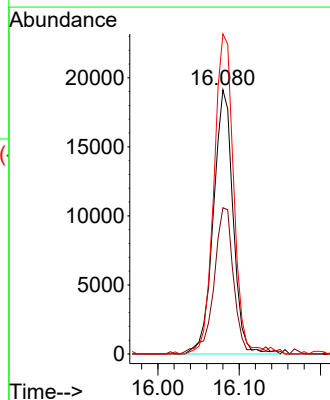
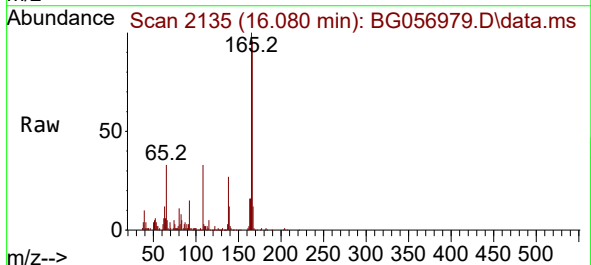
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

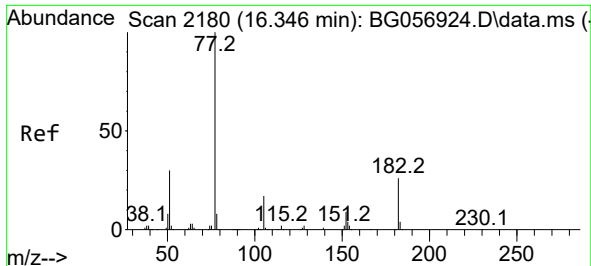
Tgt Ion:204 Resp: 94866
Ion Ratio Lower Upper
204 100
206 32.6 27.2 40.8
141 46.5 40.7 61.1



#62
4-Nitroaniline
Concen: 36.232 ng
RT: 16.080 min Scan# 2135
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:138 Resp: 32264
Ion Ratio Lower Upper
138 100
92 55.3 40.9 80.9
108 121.2 104.3 144.3

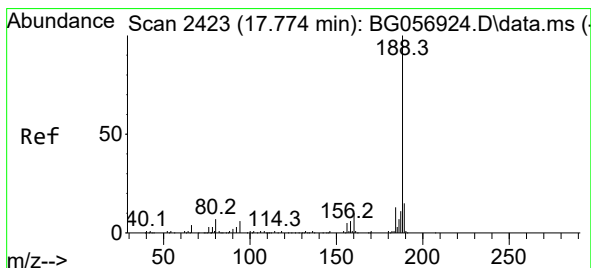
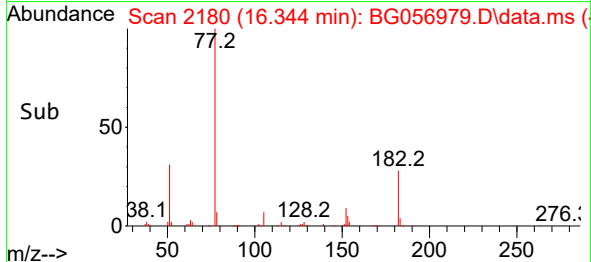
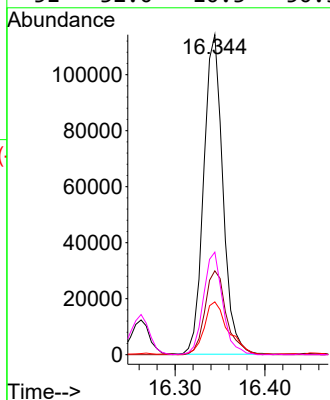
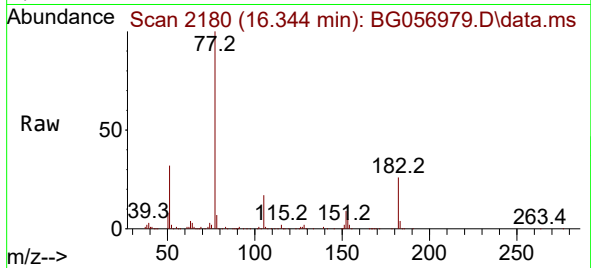




#63
Azobenzene
Concen: 41.989 ng
RT: 16.344 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

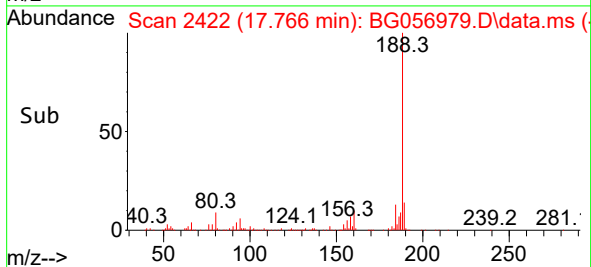
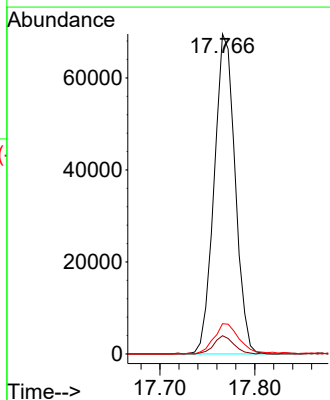
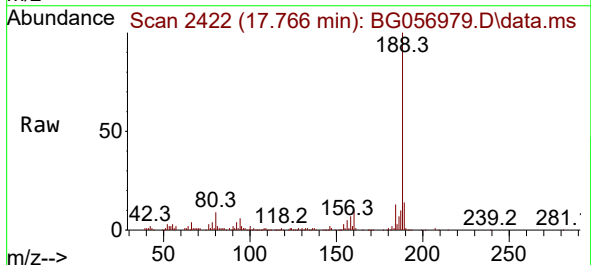
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

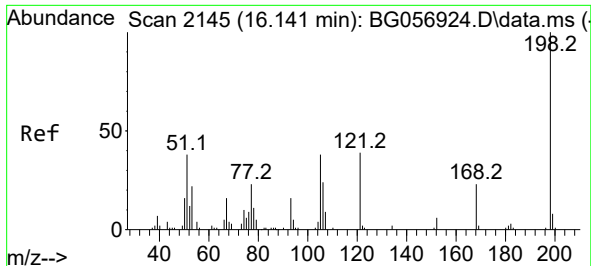
Tgt Ion: 77	Resp: 168590
Ion Ratio	Lower Upper
77 100	
182 26.2	5.9 45.9
105 16.5	0.0 36.8
51 32.0	10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.766 min Scan# 2422
Delta R.T. -0.008 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:188	Resp: 106834
Ion Ratio	Lower Upper
188 100	
94 5.7	4.6 6.8
80 9.4	5.5 8.3#

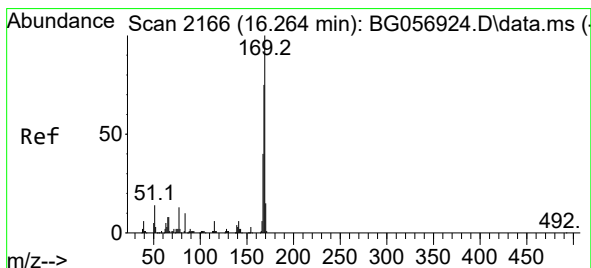
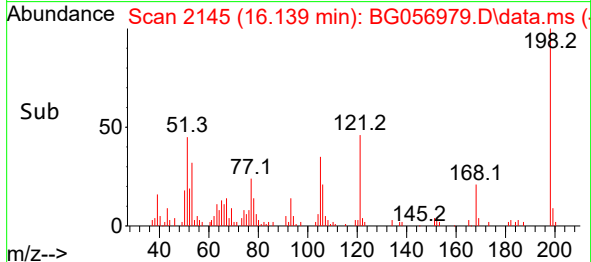
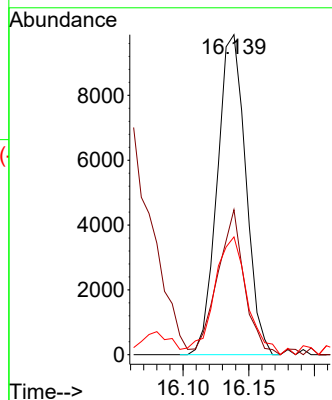
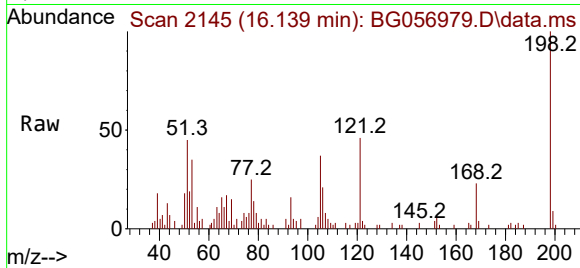




#65
 4,6-Dinitro-2-methylphenol
 Concen: 22.979 ng
 RT: 16.139 min Scan# 2145
 Delta R.T. -0.002 min
 Lab File: BG056979.D
 Acq: 5 Apr 2023 00:27

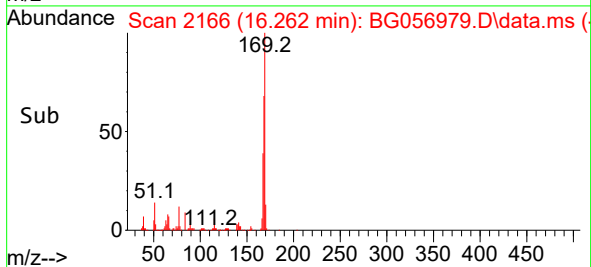
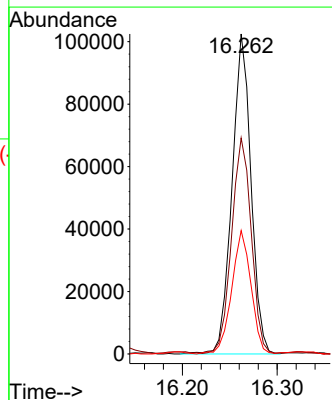
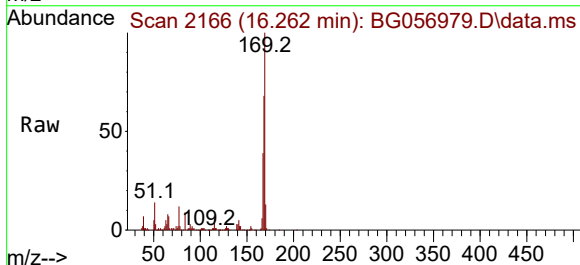
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-040323MSD

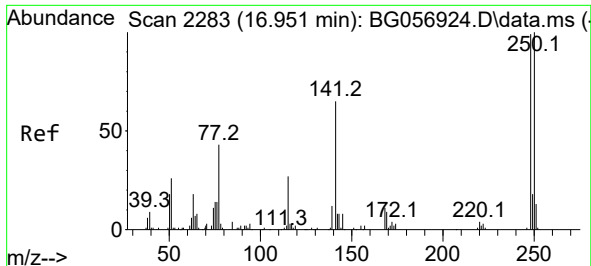
Tgt Ion:198 Resp: 14868
 Ion Ratio Lower Upper
 198 100
 51 45.3 20.5 60.5
 105 36.8 18.1 58.1



#66
 n-Nitrosodiphenylamine
 Concen: 49.671 ng
 RT: 16.262 min Scan# 2166
 Delta R.T. -0.002 min
 Lab File: BG056979.D
 Acq: 5 Apr 2023 00:27

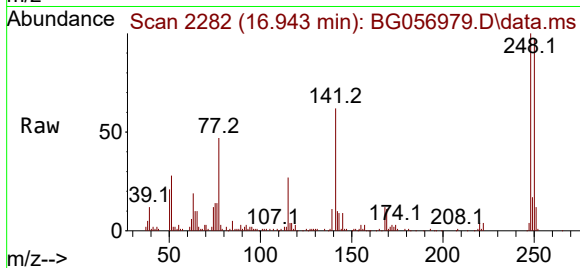
Tgt Ion:169 Resp: 142452
 Ion Ratio Lower Upper
 169 100
 168 67.5 59.6 89.4
 167 38.5 31.8 47.8



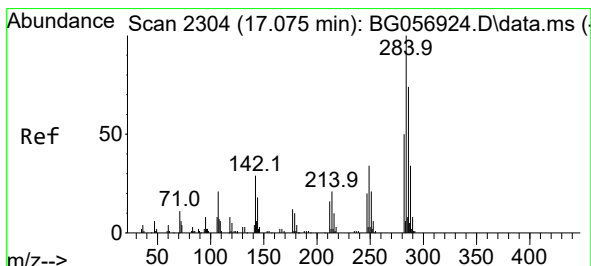
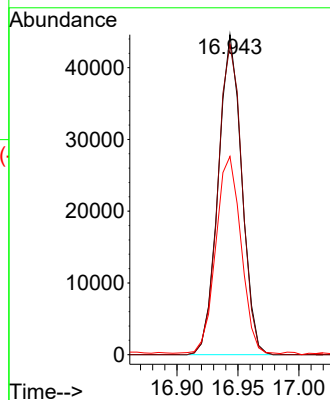
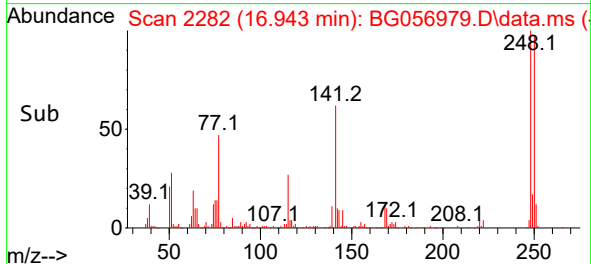


#67
4-Bromophenyl-phenylether
Concen: 45.374 ng
RT: 16.943 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

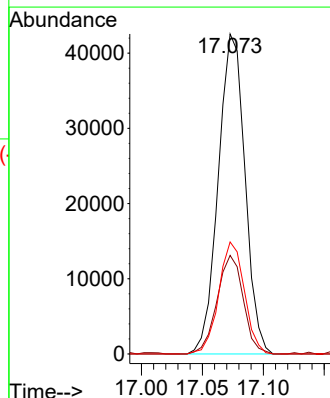
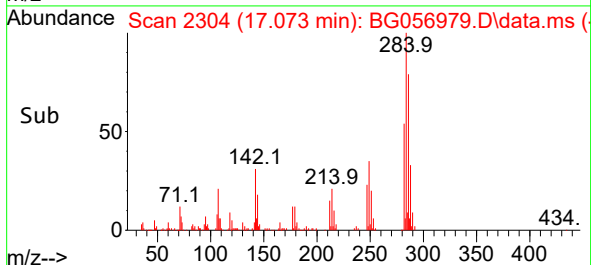
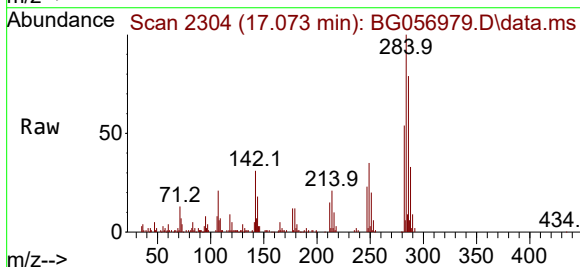


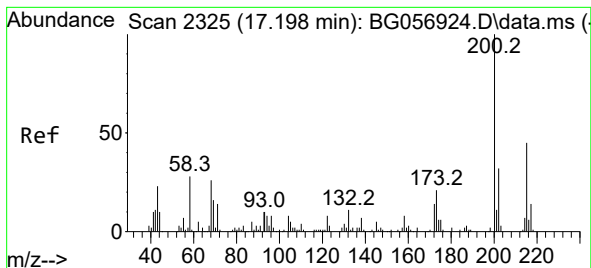
Tgt Ion:248 Resp: 59979
Ion Ratio Lower Upper
248 100
250 97.0 80.5 120.7
141 62.0 52.0 78.0



#68
Hexachlorobenzene
Concen: 49.572 ng
RT: 17.073 min Scan# 2304
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:284 Resp: 64785
Ion Ratio Lower Upper
284 100
142 30.8 23.0 34.4
249 35.0 27.1 40.7





#69

Atrazine

Concen: 47.797 ng

RT: 17.196 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

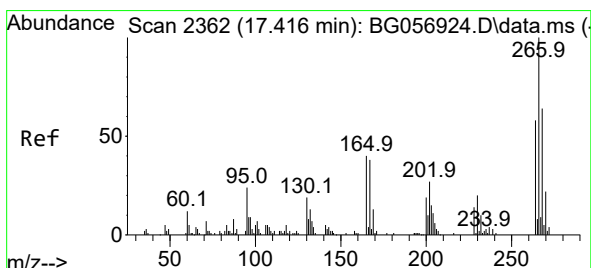
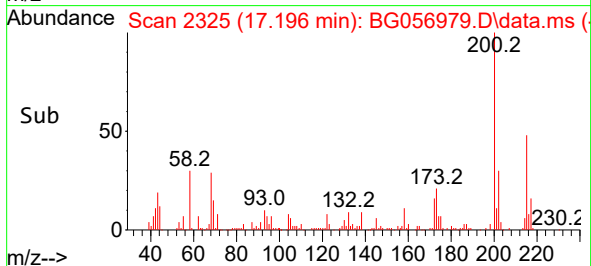
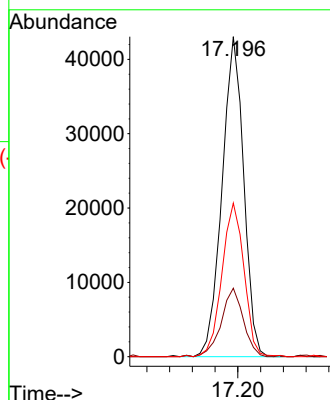
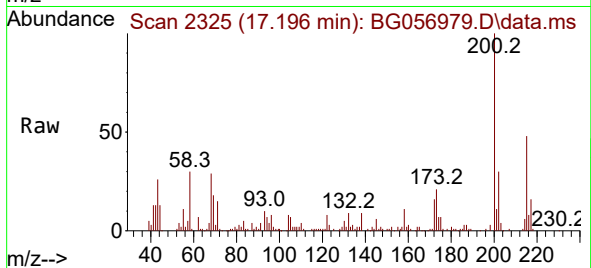
Tgt Ion:200 Resp: 56901

Ion Ratio Lower Upper

200 100

173 21.4 1.0 41.0

215 48.0 25.0 65.0



#70

Pentachlorophenol

Concen: 87.126 ng

RT: 17.413 min Scan# 2362

Delta R.T. -0.002 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

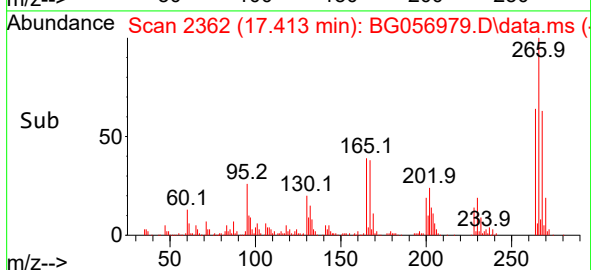
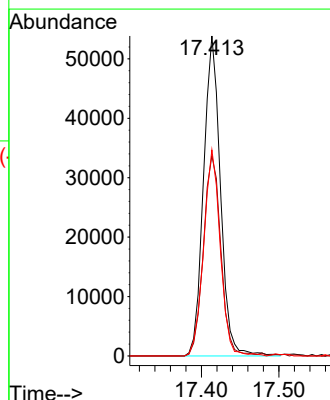
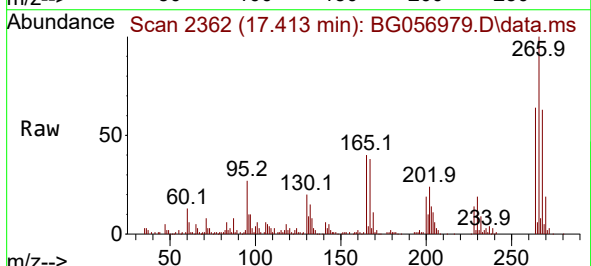
Tgt Ion:266 Resp: 81687

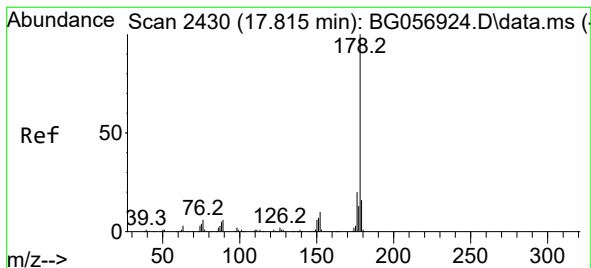
Ion Ratio Lower Upper

266 100

268 62.5 51.0 76.6

264 64.4 46.8 70.2





#71

Phenanthrene

Concen: 55.253 ng

RT: 17.813 min Scan# 2430

Delta R.T. -0.002 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

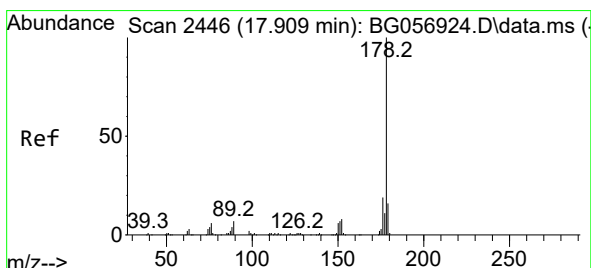
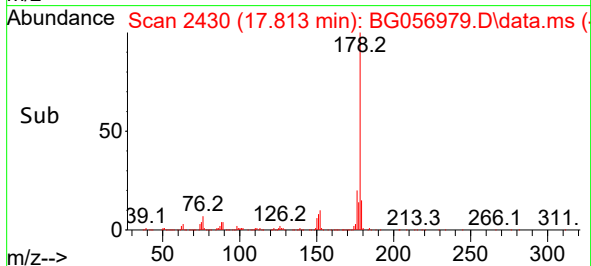
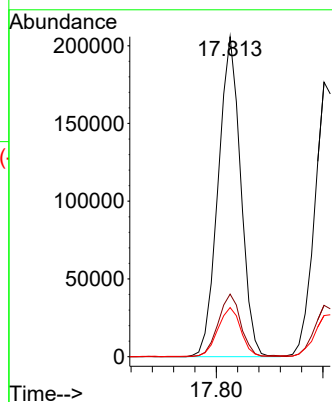
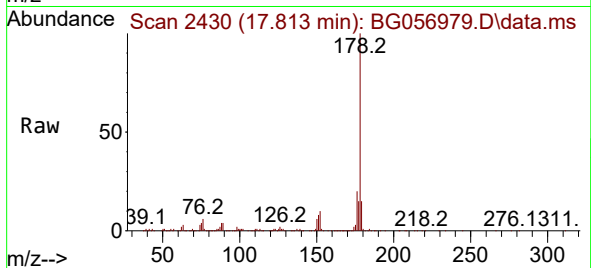
Tgt Ion:178 Resp: 300959

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.2

179 15.4 12.5 18.7



#72

Anthracene

Concen: 48.505 ng

RT: 17.901 min Scan# 2445

Delta R.T. -0.008 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

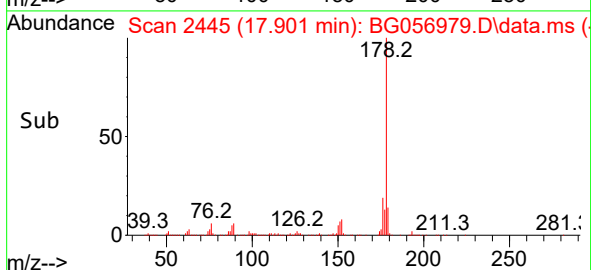
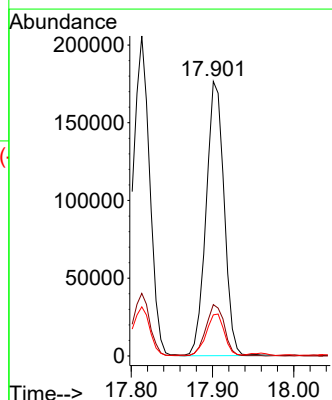
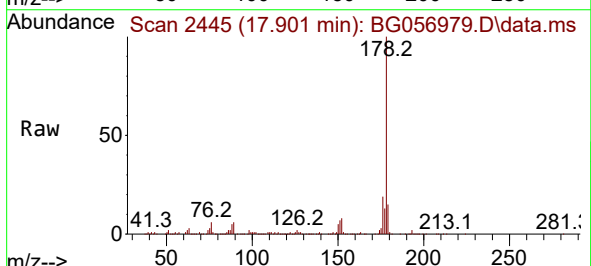
Tgt Ion:178 Resp: 270841

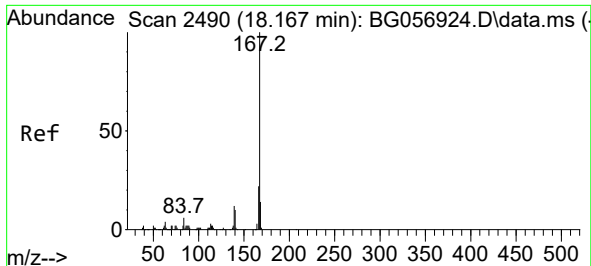
Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

179 15.0 12.4 18.6

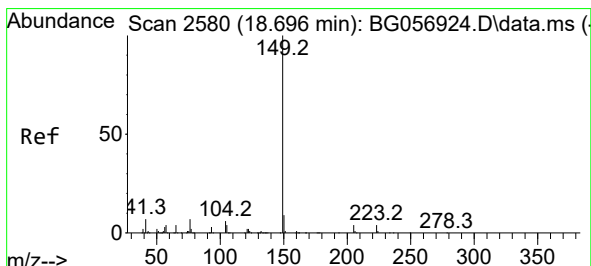
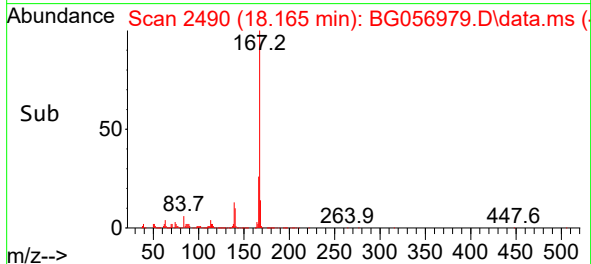
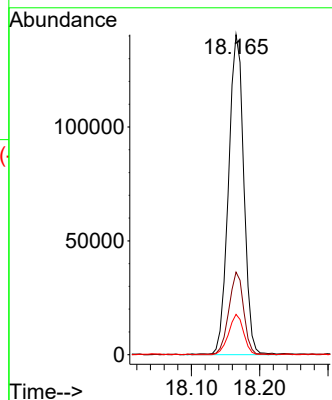
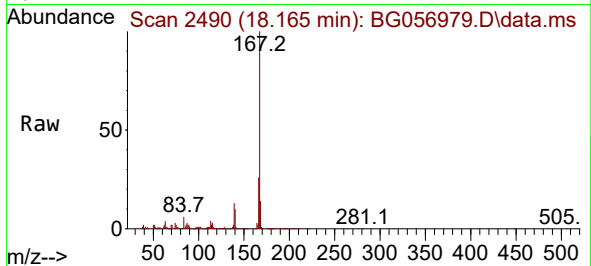




#73
 Carbazole
 Concen: 45.027 ng
 RT: 18.165 min Scan# 2490
 Delta R.T. -0.002 min
 Lab File: BG056979.D
 Acq: 5 Apr 2023 00:27

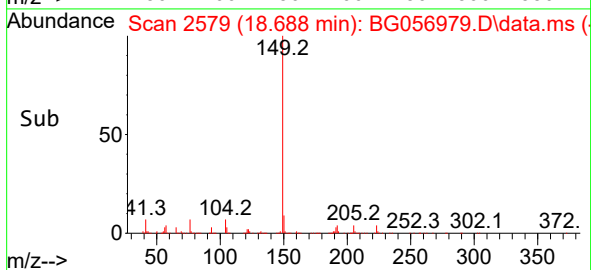
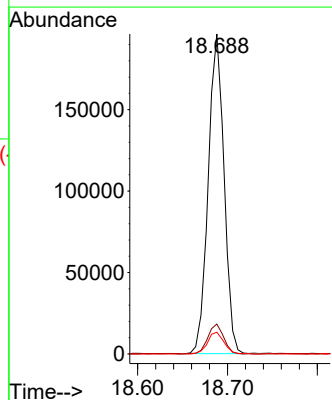
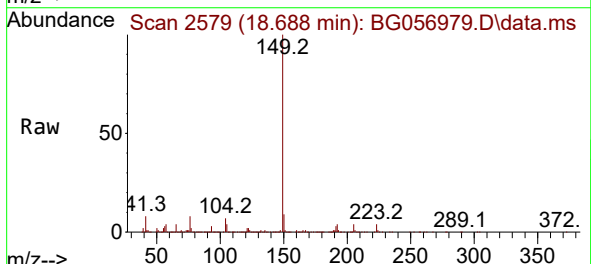
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-040323MSD

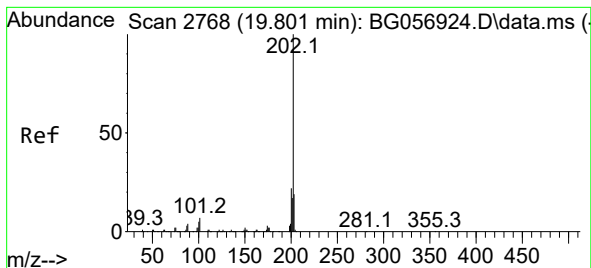
Tgt Ion:167 Resp: 219206
 Ion Ratio Lower Upper
 167 100
 166 25.8 17.9 26.9
 139 12.6 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 42.609 ng
 RT: 18.688 min Scan# 2579
 Delta R.T. -0.008 min
 Lab File: BG056979.D
 Acq: 5 Apr 2023 00:27

Tgt Ion:149 Resp: 240206
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 6.8 4.9 7.3





#75

Fluoranthene

Concen: 62.816 ng

RT: 19.798 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

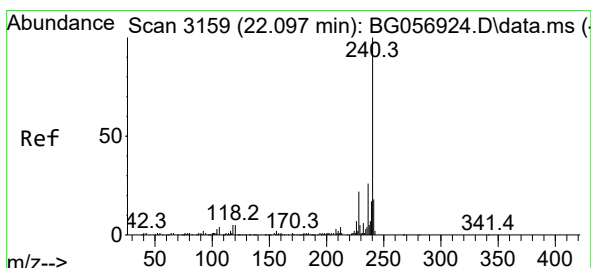
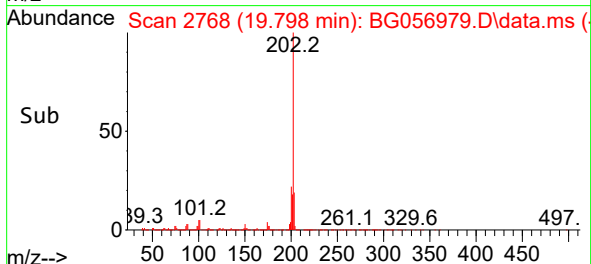
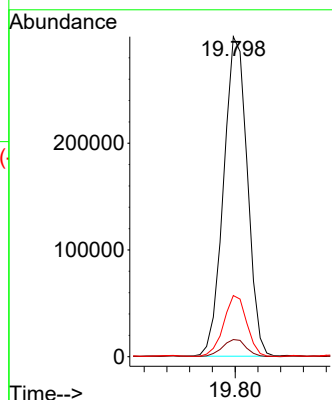
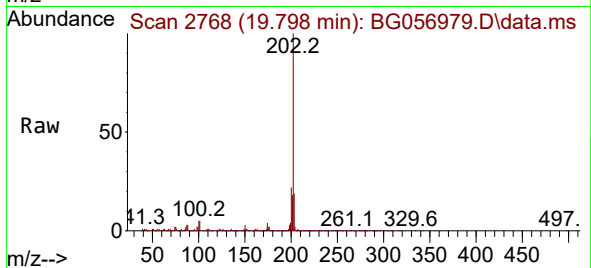
Tgt Ion:202 Resp: 433730

Ion Ratio Lower Upper

202 100

101 5.4 0.0 26.7

203 19.1 0.0 39.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.089 min Scan# 3158

Delta R.T. -0.008 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

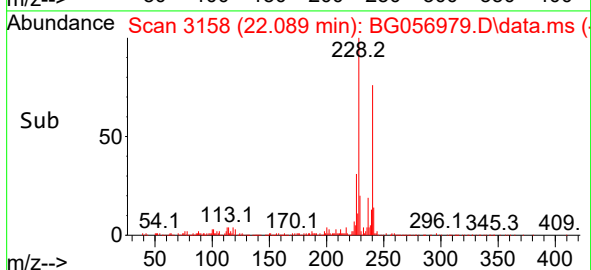
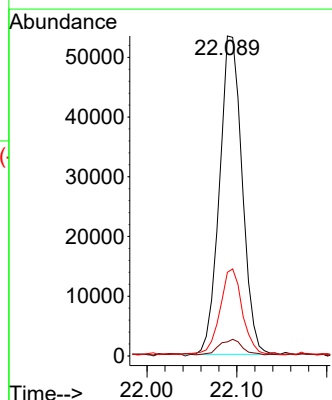
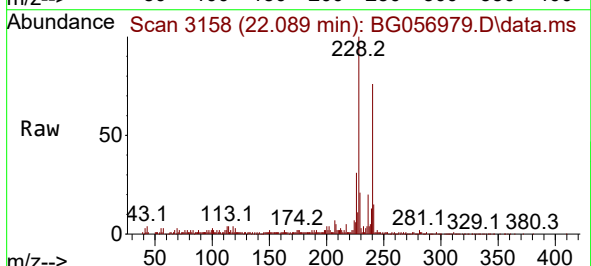
Tgt Ion:240 Resp: 93319

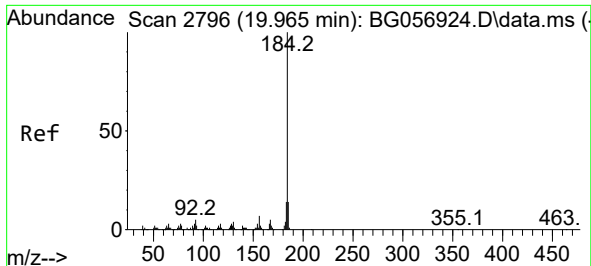
Ion Ratio Lower Upper

240 100

120 4.4 3.8 5.6

236 26.2 21.0 31.6

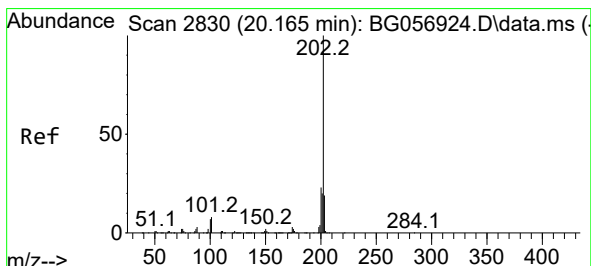
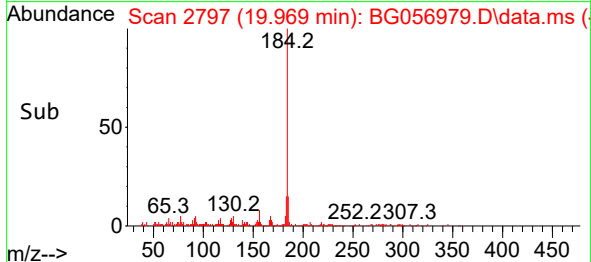
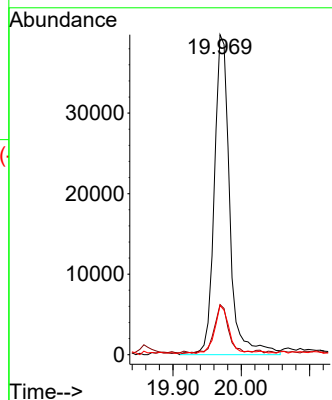
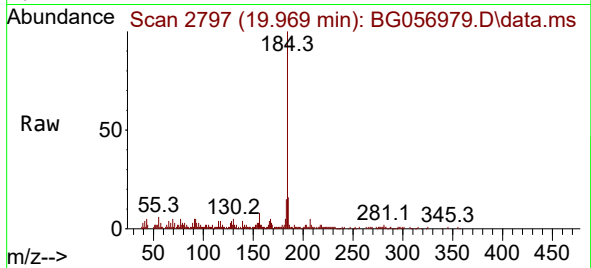




#77
Benzidine
Concen: 24.509 ng
RT: 19.969 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

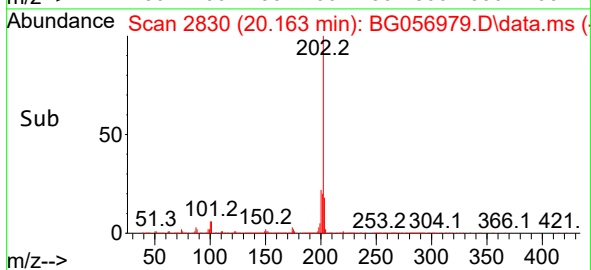
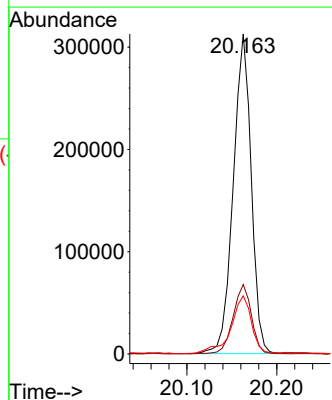
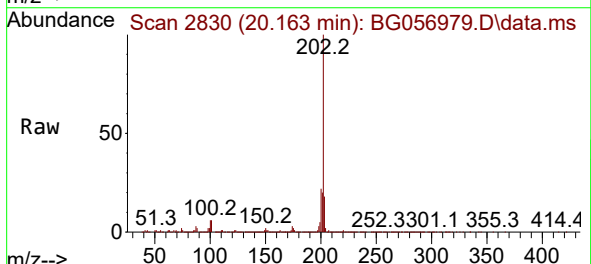
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

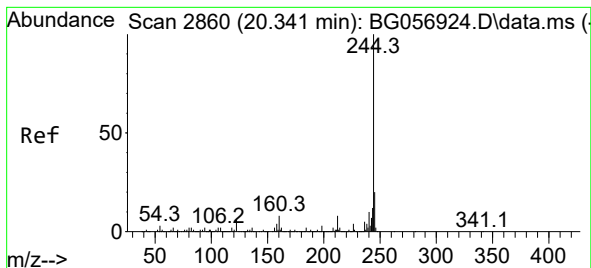
Tgt Ion:184 Resp: 62516
Ion Ratio Lower Upper
184 100
185 15.7 11.0 16.4
183 15.4 11.4 17.0



#78
Pyrene
Concen: 67.169 ng
RT: 20.163 min Scan# 2830
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:202 Resp: 433539
Ion Ratio Lower Upper
202 100
200 21.7 18.7 28.1
203 18.2 15.4 23.2





#79

Terphenyl-d14

Concen: 61.595 ng

RT: 20.339 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

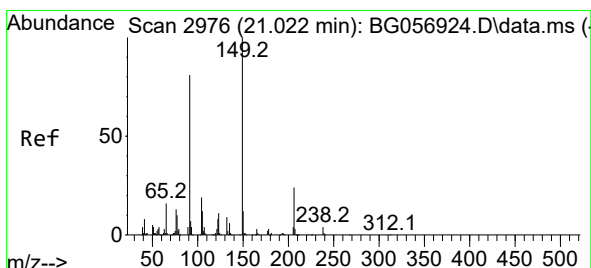
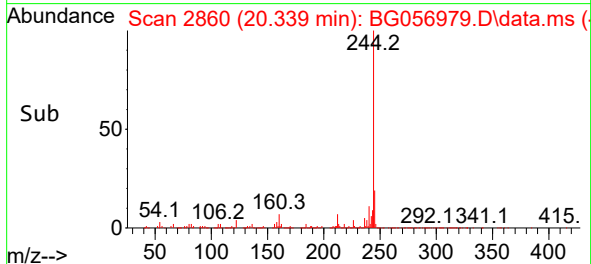
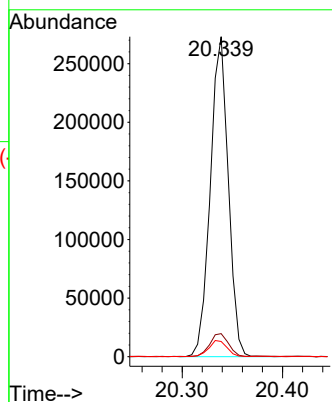
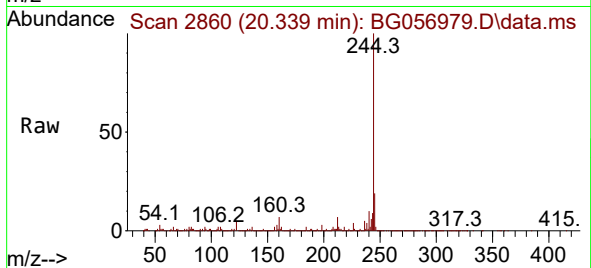
Tgt Ion:244 Resp: 339684

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 4.7 5.0 7.4#



#80

Butylbenzylphthalate

Concen: 43.808 ng

RT: 21.020 min Scan# 2976

Delta R.T. -0.002 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

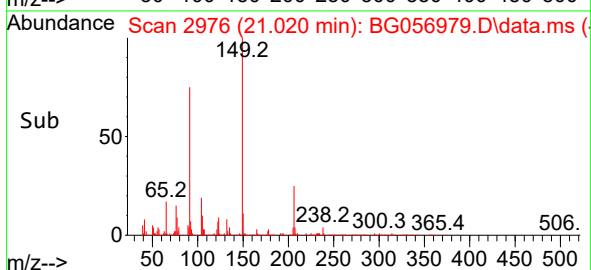
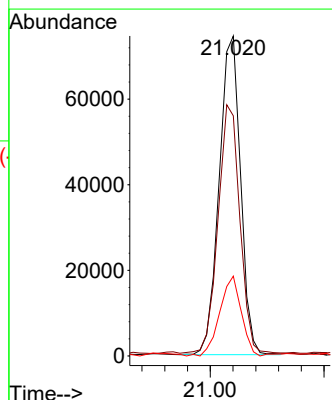
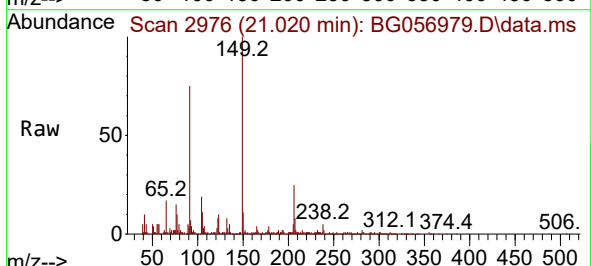
Tgt Ion:149 Resp: 97302

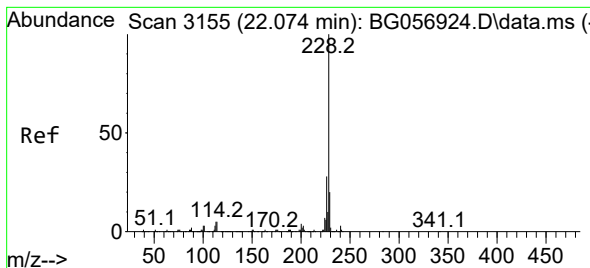
Ion Ratio Lower Upper

149 100

91 75.0 64.4 96.6

206 25.0 18.9 28.3





#81

Benzo(a)anthracene

Concen: 62.263 ng

RT: 22.072 min Scan# 3155

Delta R.T. -0.002 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

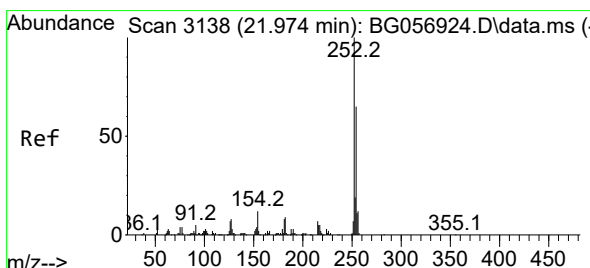
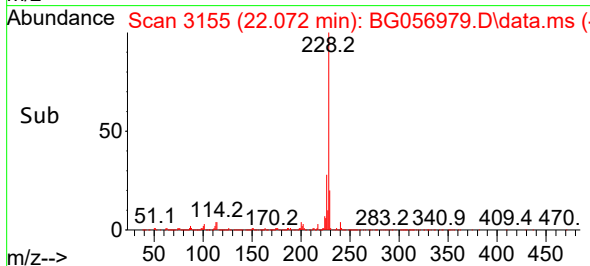
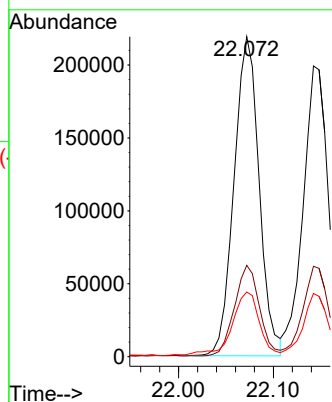
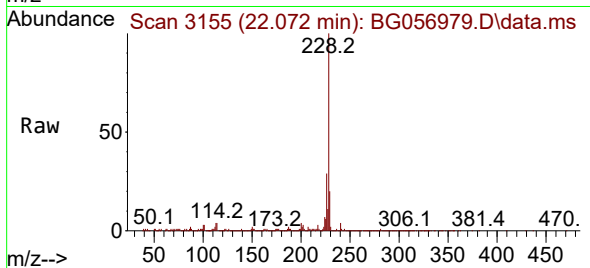
Tgt Ion:228 Resp: 402071

Ion Ratio Lower Upper

228 100

226 28.6 22.1 33.1

229 20.2 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 28.971 ng

RT: 21.966 min Scan# 3137

Delta R.T. -0.008 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

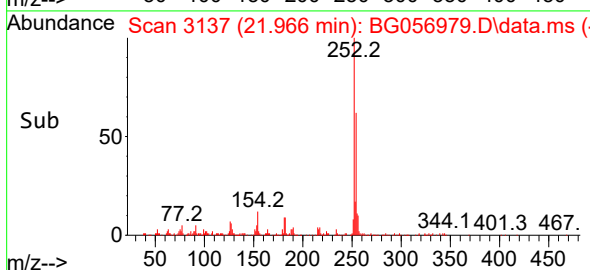
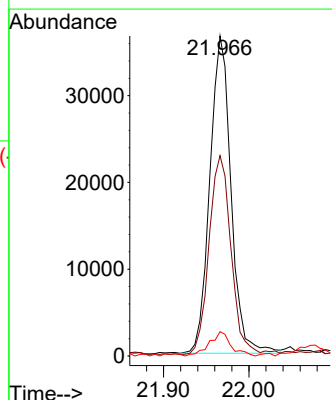
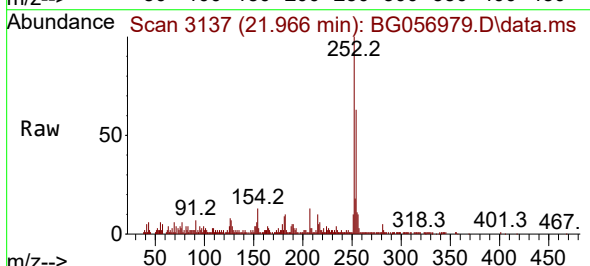
Tgt Ion:252 Resp: 63175

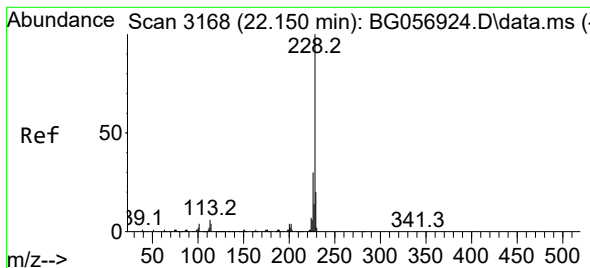
Ion Ratio Lower Upper

252 100

254 62.6 51.7 77.5

126 7.6 5.6 8.4





#83

Chrysene

Concen: 59.951 ng

RT: 22.142 min Scan# 3167

Delta R.T. -0.008 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

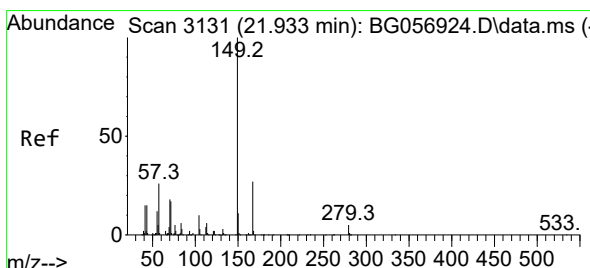
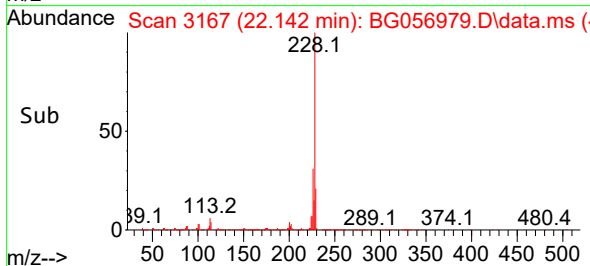
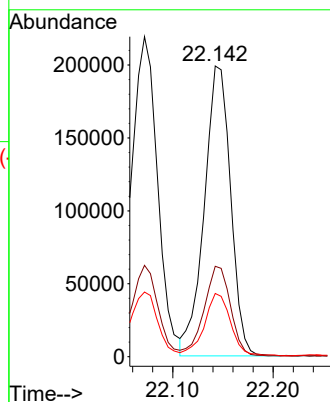
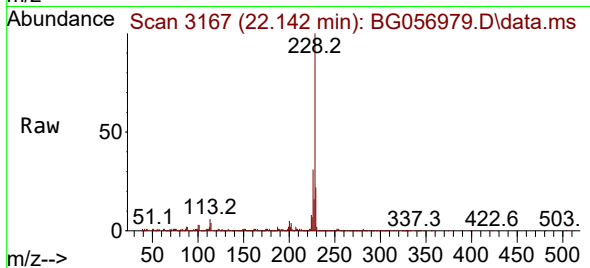
Tgt Ion:228 Resp: 362488

Ion Ratio Lower Upper

228 100

226 31.1 24.1 36.1

229 21.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.006 ng

RT: 21.919 min Scan# 3129

Delta R.T. -0.014 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

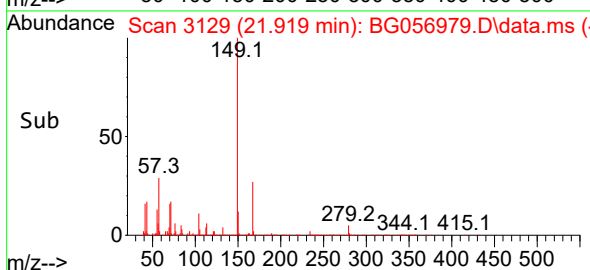
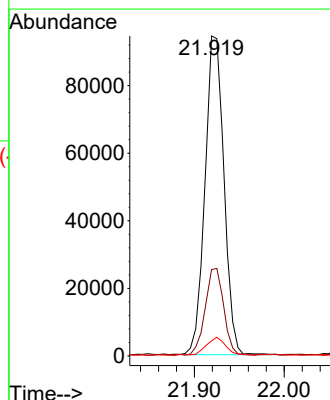
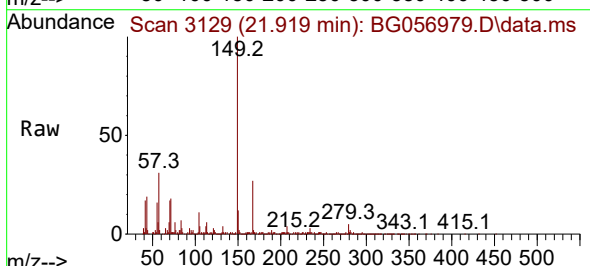
Tgt Ion:149 Resp: 138316

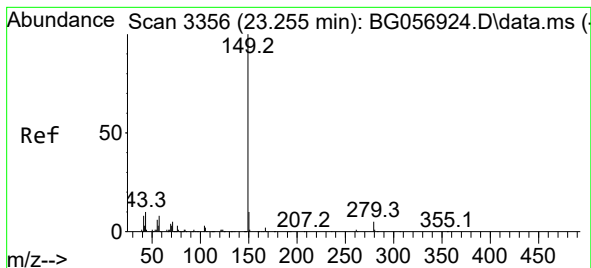
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.2

279 4.7 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 43.288 ng

RT: 23.241 min Scan# 31

Delta R.T. -0.014 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

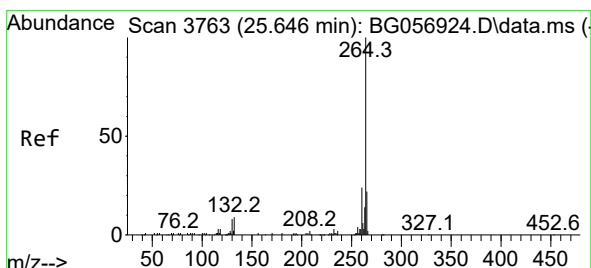
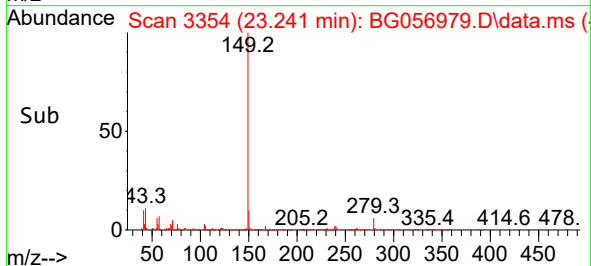
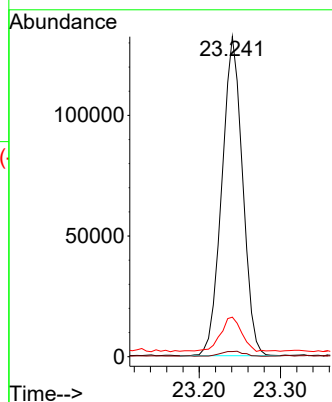
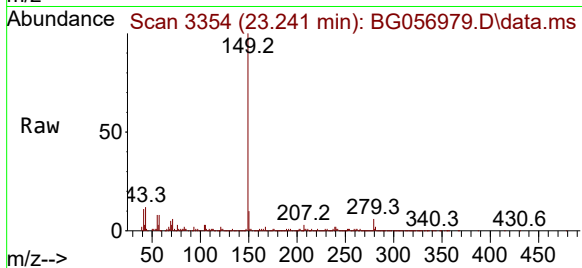
Tgt Ion:149 Resp: 234615

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.4 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.643 min Scan# 3763

Delta R.T. -0.002 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

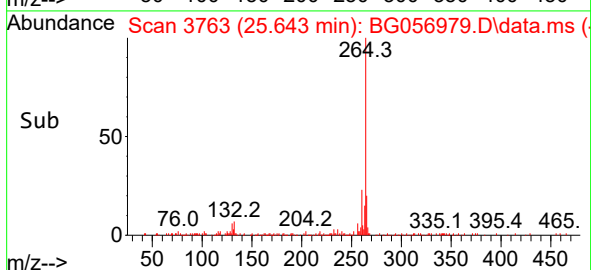
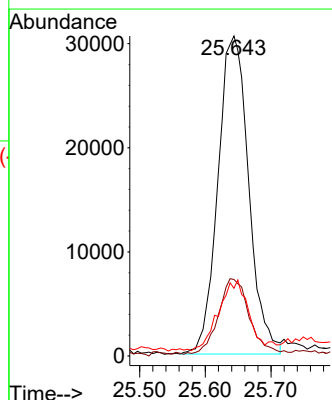
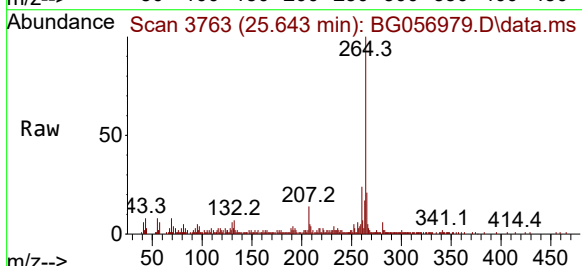
Tgt Ion:264 Resp: 99451

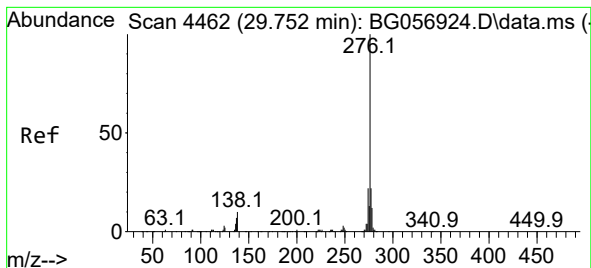
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 21.2 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.530 ng

RT: 29.744 min Scan# 4461

Delta R.T. -0.008 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

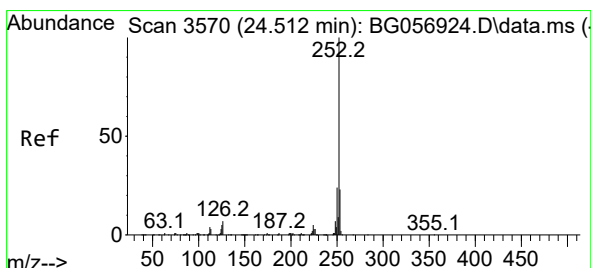
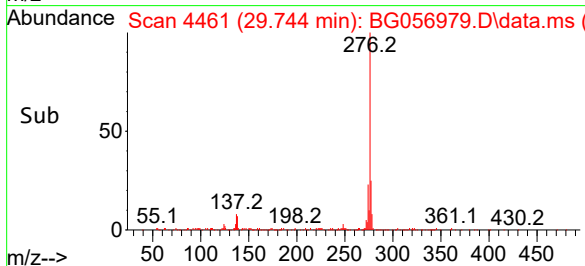
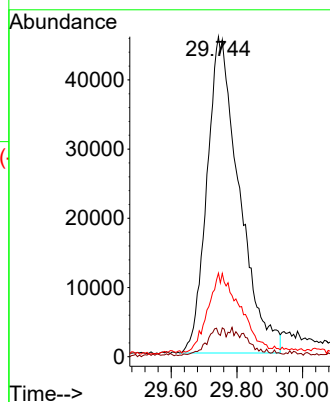
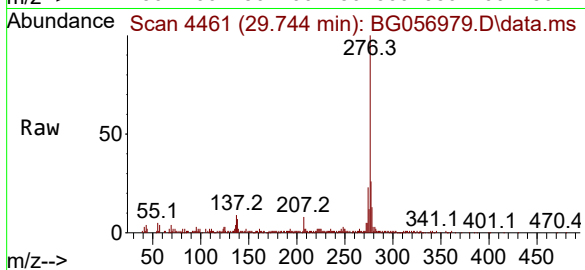
Tgt Ion:276 Resp: 312588

Ion Ratio Lower Upper

276 100

138 3.7 7.7 11.5#

277 24.7 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 65.297 ng

RT: 24.510 min Scan# 3570

Delta R.T. -0.002 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

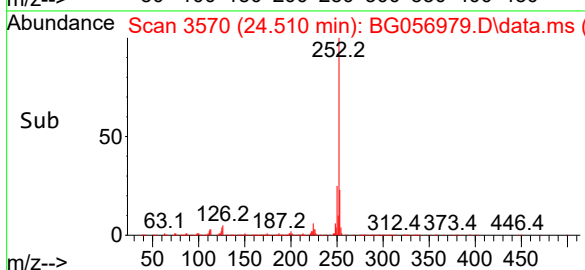
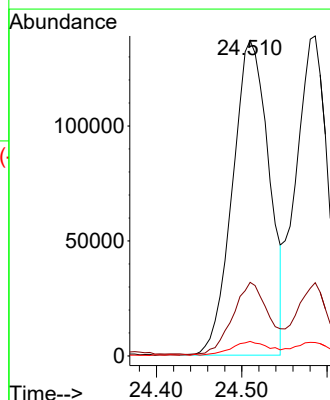
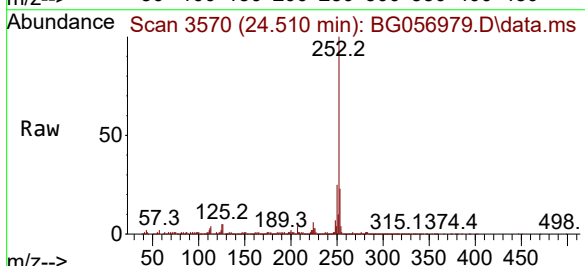
Tgt Ion:252 Resp: 406083

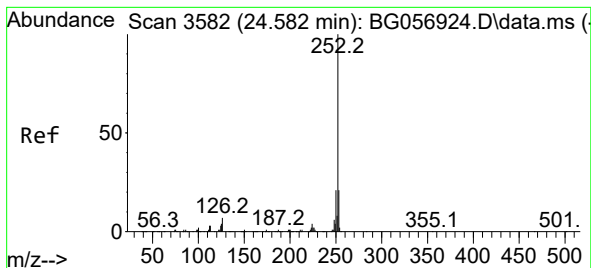
Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

125 4.6 4.2 6.4





#89

Benzo(k)fluoranthene

Concen: 56.670 ng

RT: 24.586 min Scan# 3

Delta R.T. 0.004 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

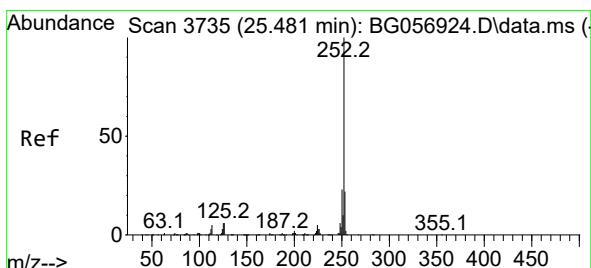
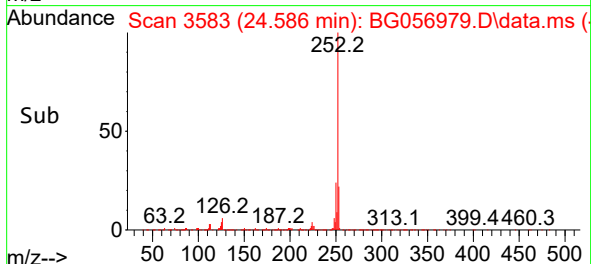
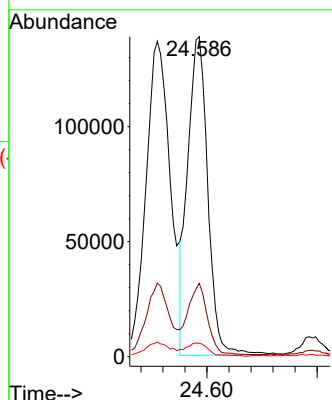
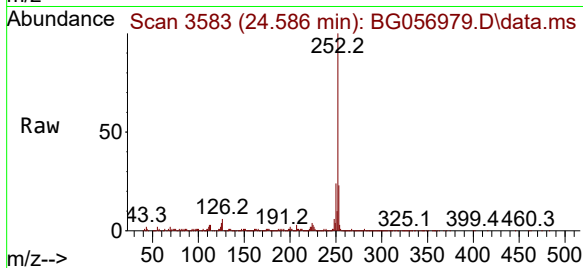
Tgt Ion:252 Resp: 351843

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

125 4.2 3.8 5.6



#90

Benzo(a)pyrene

Concen: 58.317 ng

RT: 25.479 min Scan# 3735

Delta R.T. -0.002 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

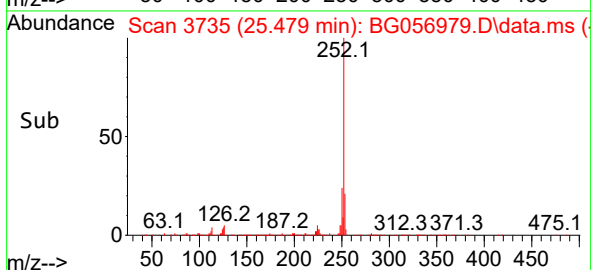
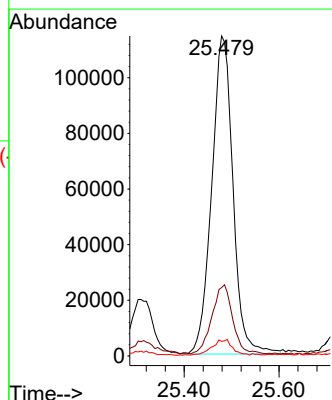
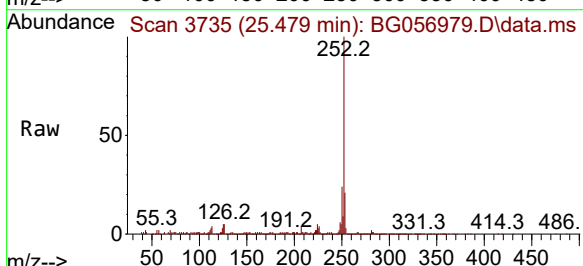
Tgt Ion:252 Resp: 356384

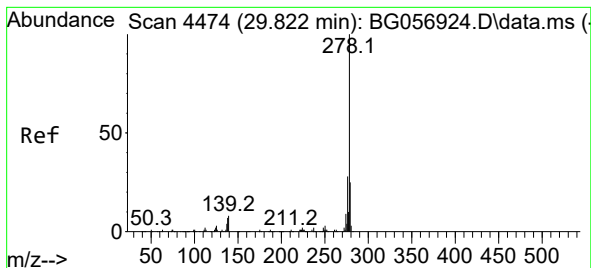
Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

125 4.6 4.5 6.7





#91

Dibenzo(a,h)anthracene

Concen: 39.210 ng

RT: 29.814 min Scan# 4473

Delta R.T. -0.008 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

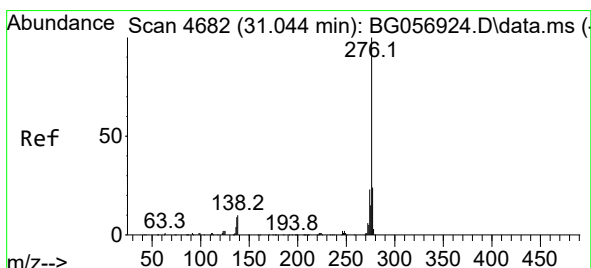
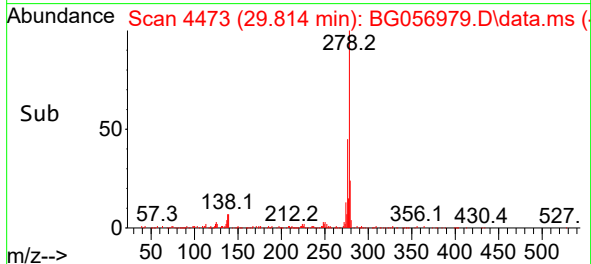
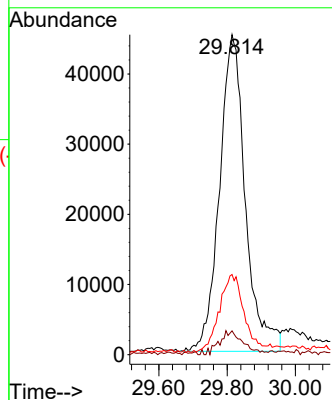
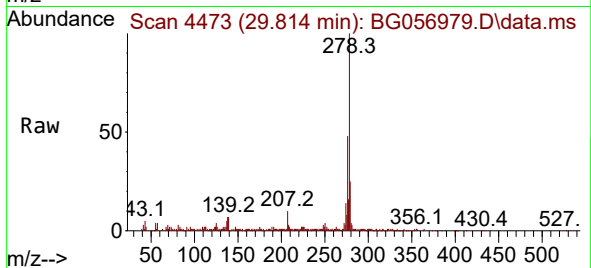
Tgt Ion:278 Resp: 236889

Ion Ratio Lower Upper

278 100

139 7.5 6.4 9.6

279 25.1 20.2 30.2



#92

Benzo(g,h,i)perylene

Concen: 37.582 ng

RT: 31.036 min Scan# 4681

Delta R.T. -0.008 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

Tgt Ion:276 Resp: 222329

Ion Ratio Lower Upper

276 100

277 25.0 19.1 28.7

138 7.1 8.2 12.2#

