

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057644.D
 Acq On : 6 Jun 2023 19:35
 Operator : CG/JU
 Sample : PB153157BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153157BSD

Quant Time: Jun 07 02:49:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.339	152	20757	20.000	ng	0.00
21) Naphthalene-d8	11.176	136	93313	20.000	ng	# 0.00
39) Acenaphthene-d10	14.959	164	71754	20.000	ng	0.00
64) Phenanthrene-d10	17.697	188	181270	20.000	ng	0.00
76) Chrysene-d12	22.003	240	155501	20.000	ng	0.00
86) Perylene-d12	25.492	264	169476	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.860	112	212457	177.821	ng	0.00
7) Phenol-d6	7.493	99	312813	167.296	ng	0.00
23) Nitrobenzene-d5	9.519	82	196306	98.342	ng	0.00
42) 2,4,6-Tribromophenol	16.445	330	157198	136.837	ng	0.00
45) 2-Fluorobiphenyl	13.579	172	498618	99.865	ng	0.00
79) Terphenyl-d14	20.264	244	949349	105.754	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.645	88	19373	39.135	ng	95
3) Pyridine	4.074	79	55916	36.947	ng	95
4) n-Nitrosodimethylamine	3.980	42	29365	47.956	ng	88
6) Aniline	7.651	93	107154	47.371	ng	98
8) 2-Chlorophenol	7.904	128	78620	61.293	ng	95
9) Benzaldehyde	7.469	77	48038	38.777	ng	98
10) Phenol	7.516	94	106300	60.065	ng	100
11) bis(2-Chloroethyl)ether	7.739	93	73274	55.449	ng	96
12) 1,3-Dichlorobenzene	8.227	146	78229	57.246	ng	98
13) 1,4-Dichlorobenzene	8.374	146	80625	57.993	ng	97
14) 1,2-Dichlorobenzene	8.703	146	77355	57.045	ng	98
15) Benzyl Alcohol	8.579	79	81241	56.482	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.856	45	94265	57.448	ng	96
17) 2-Methylphenol	8.785	107	73748	56.746	ng	96
18) Hexachloroethane	9.437	117	28583	60.043	ng	97
19) n-Nitroso-di-n-propyla...	9.143	70	69248	53.307	ng	99
20) 3+4-Methylphenols	9.114	107	102776	56.334	ng	97
22) Acetophenone	9.173	105	127534	51.112	ng	# 97
24) Nitrobenzene	9.566	77	98813	48.766	ng	98
25) Isophorone	10.083	82	191212	48.734	ng	96
26) 2-Nitrophenol	10.283	139	45760	52.671	ng	99
27) 2,4-Dimethylphenol	10.330	122	80603	53.662	ng	97
28) bis(2-Chloroethoxy)met...	10.553	93	108698	53.427	ng	96
29) 2,4-Dichlorophenol	10.829	162	86553	54.864	ng	98
30) 1,2,4-Trichlorobenzene	11.035	180	88381	51.404	ng	97
31) Naphthalene	11.229	128	245624	49.760	ng	98
32) Benzoic acid	10.495	122	36866	42.914	ng	93
33) 4-Chloroaniline	11.335	127	83787	36.911	ng	97
34) Hexachlorobutadiene	11.493	225	60832	51.153	ng	95
35) Caprolactam	12.110	113	19856	30.361	ng	92
36) 4-Chloro-3-methylphenol	12.439	107	97956	52.457	ng	99
37) 2-Methylnaphthalene	12.809	142	187505	48.399	ng	98
38) 1-Methylnaphthalene	13.026	142	178153	48.188	ng	99
40) 1,2,4,5-Tetrachloroben...	13.173	216	120964	51.361	ng	99
41) Hexachlorocyclopentadiene	13.138	237	71063	101.628	ng	96
43) 2,4,6-Trichlorophenol	13.408	196	78599	53.010	ng	96

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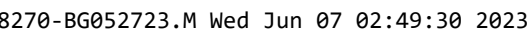
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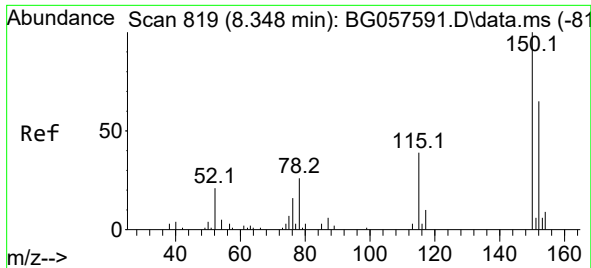
Quant Time: Jun 07 02:49:25 2023
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 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.491	196	84406	47.797	ng	99
46) 1,1'-Biphenyl	13.796	154	268318	52.321	ng	98
47) 2-Chloronaphthalene	13.849	162	203717	52.738	ng	96
48) 2-Nitroaniline	14.049	65	67214	49.675	ng	100
49) Acenaphthylene	14.689	152	327202	50.022	ng	99
50) Dimethylphthalate	14.395	163	283886	48.003	ng	100
51) 2,6-Dinitrotoluene	14.530	165	63576	50.220	ng	97
52) Acenaphthene	15.024	154	201569	50.361	ng	98
53) 3-Nitroaniline	14.865	138	48916	37.046	ng	# 93
54) 2,4-Dinitrophenol	15.082	184	69269	89.752	ng	96
55) Dibenzofuran	15.353	168	332175	48.570	ng	98
56) 4-Nitrophenol	15.182	139	81471	92.606	ng	90
57) 2,4-Dinitrotoluene	15.323	165	91514	48.281	ng	# 98
58) Fluorene	15.999	166	277993	48.142	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.582	232	76624	46.315	ng	97
60) Diethylphthalate	15.740	149	294190	47.661	ng	99
61) 4-Chlorophenyl-phenyle...	15.975	204	157944	49.079	ng	99
62) 4-Nitroaniline	16.028	138	65287	45.836	ng	94
63) Azobenzene	16.269	77	270359	49.251	ng	98
65) 4,6-Dinitro-2-methylph...	16.093	198	57844	52.408	ng	97
66) n-Nitrosodiphenylamine	16.193	169	251173	53.311	ng	98
67) 4-Bromophenyl-phenylether	16.868	248	105703	51.984	ng	98
68) Hexachlorobenzene	17.003	284	113705	54.249	ng	99
69) Atrazine	17.127	200	109815	54.289	ng	100
70) Pentachlorophenol	17.356	266	92815	86.907	ng	99
71) Phenanthrene	17.738	178	469611	50.625	ng	99
72) Anthracene	17.832	178	477095	50.135	ng	98
73) Carbazole	18.102	167	429034	50.397	ng	99
74) Di-n-butylphthalate	18.613	149	504393	49.910	ng	99
75) Fluoranthene	19.729	202	566431	47.036	ng	99
77) Benzidine	19.899	184	330218	70.177	ng	98
78) Pyrene	20.093	202	571540	51.620	ng	99
80) Butylbenzylphthalate	20.939	149	216119	53.596	ng	99
81) Benzo(a)anthracene	21.979	228	560870	51.990	ng	99
82) 3,3'-Dichlorobenzidine	21.879	252	161133	40.503	ng	99
83) Chrysene	22.055	228	509121	49.939	ng	99
84) Bis(2-ethylhexyl)phtha...	21.820	149	311922	54.229	ng	97
85) Di-n-octyl phthalate	23.107	149	525229	55.090	ng	100
87) Indeno(1,2,3-cd)pyrene	29.539	276	619634	52.440	ng	# 94
88) Benzo(b)fluoranthene	24.382	252	558237	53.513	ng	98
89) Benzo(k)fluoranthene	24.452	252	552131	52.444	ng	99
90) Benzo(a)pyrene	25.333	252	497267	48.880	ng	99
91) Dibenzo(a,h)anthracene	29.592	278	519955	52.874	ng	98
92) Benzo(g,h,i)perylene	30.814	276	502906	52.438	ng	97

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

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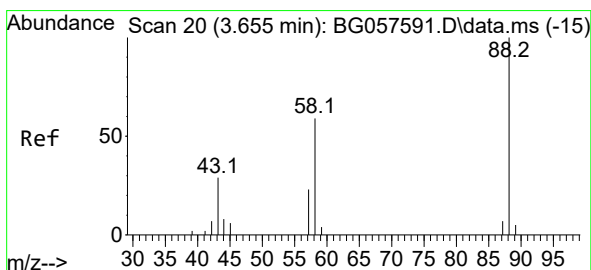
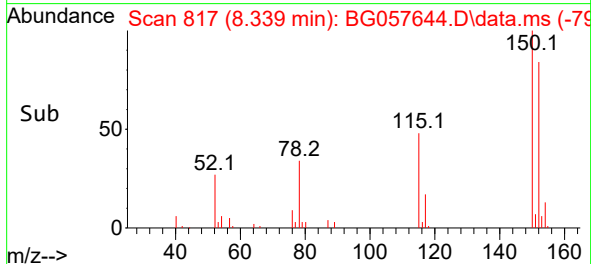
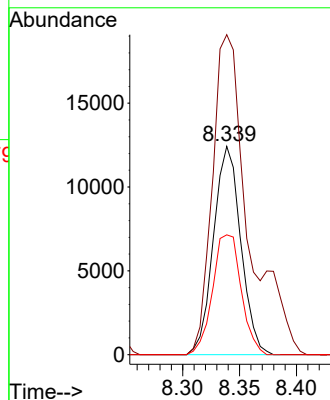
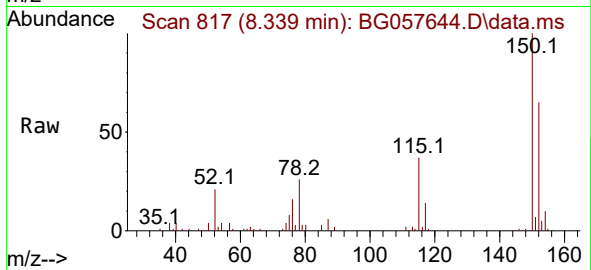




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.339 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG057644.D
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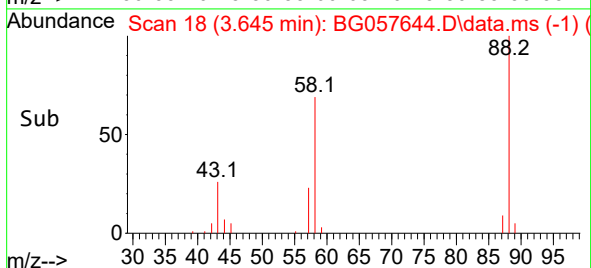
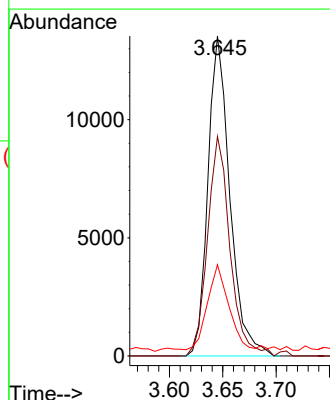
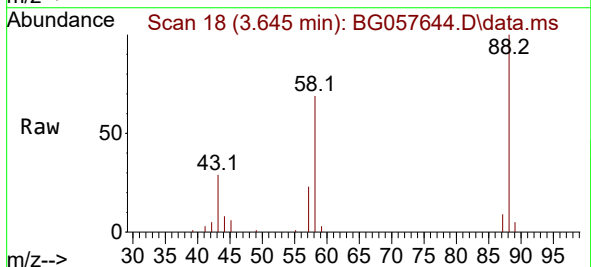
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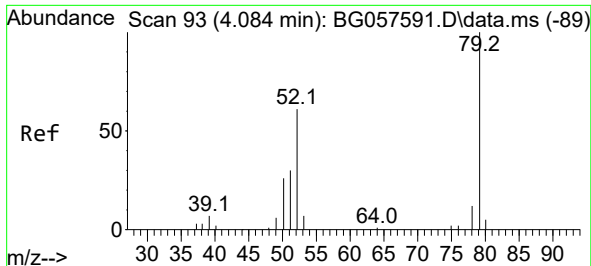
Tgt Ion:152 Resp: 20757
Ion Ratio Lower Upper
152 100
150 153.6 123.0 184.4
115 57.5 47.4 71.2



#2
1,4-Dioxane
Concen: 39.135 ng
RT: 3.645 min Scan# 18
Delta R.T. 0.005 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion: 88 Resp: 19373
Ion Ratio Lower Upper
88 100
58 70.3 52.6 79.0
43 25.6 22.1 33.1

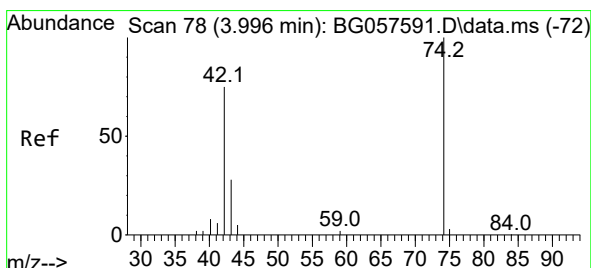
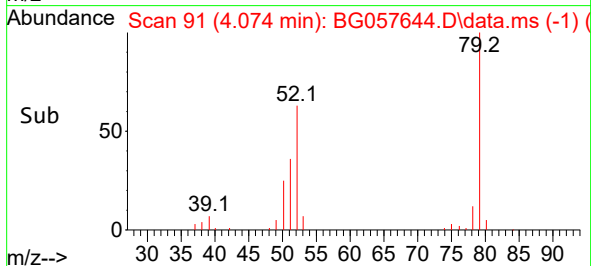
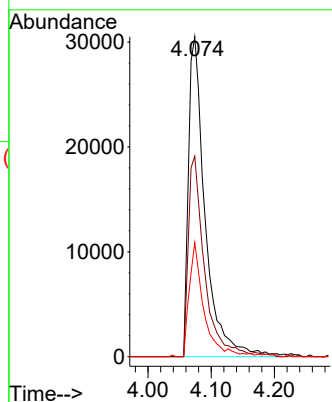
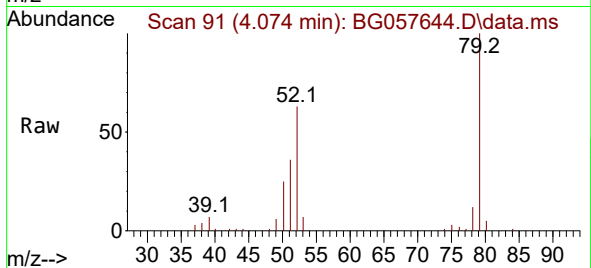




#3
Pyridine
Concen: 36.947 ng
RT: 4.074 min Scan# 91
Delta R.T. 0.005 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

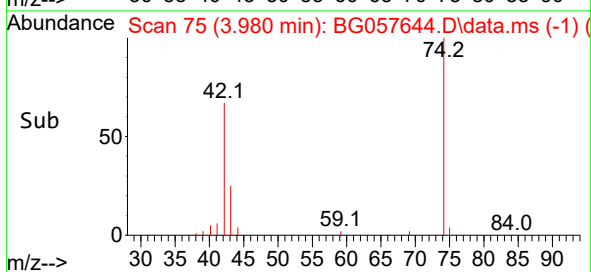
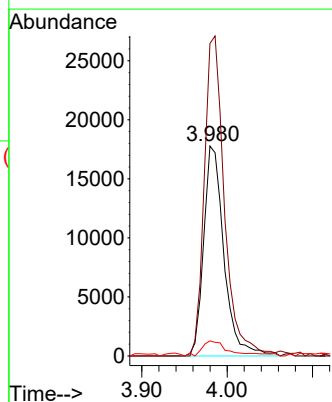
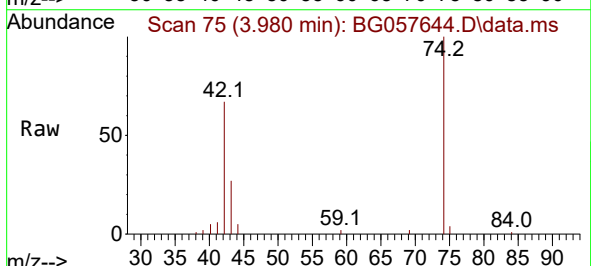
Instrument :
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ClientSampleId :
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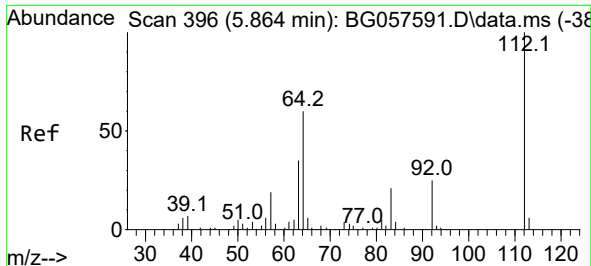
Tgt Ion: 79	Resp: 55916
Ion Ratio	Lower Upper
79	100
52	62.6 48.4 72.6
51	35.6 24.4 36.6



#4
n-Nitrosodimethylamine
Concen: 47.956 ng
RT: 3.980 min Scan# 75
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion: 42	Resp: 29365
Ion Ratio	Lower Upper
42	100
74	148.9 107.3 160.9
44	7.1 6.1 9.1

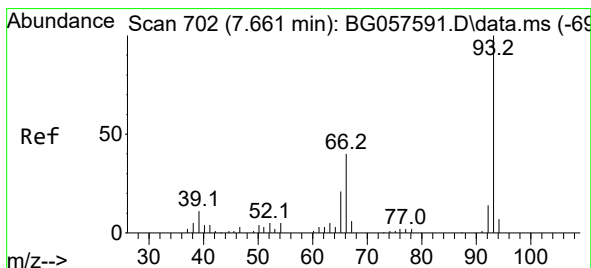
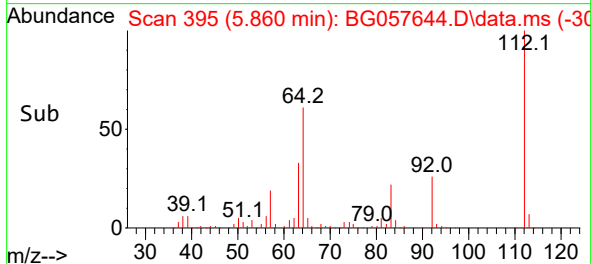
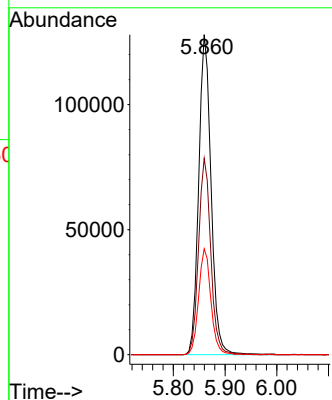
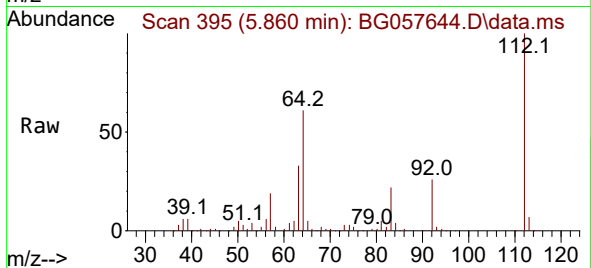




#5
2-Fluorophenol
Concen: 177.821 ng
RT: 5.860 min Scan# 396
Delta R.T. 0.005 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

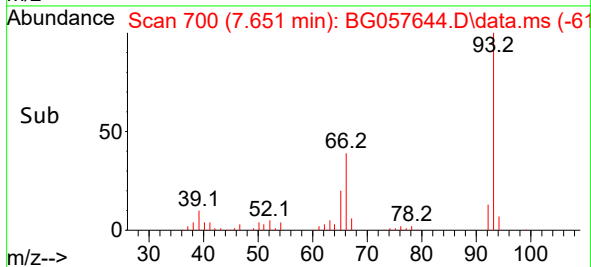
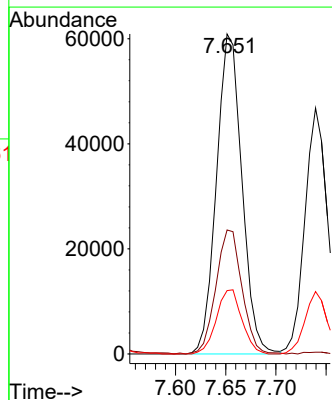
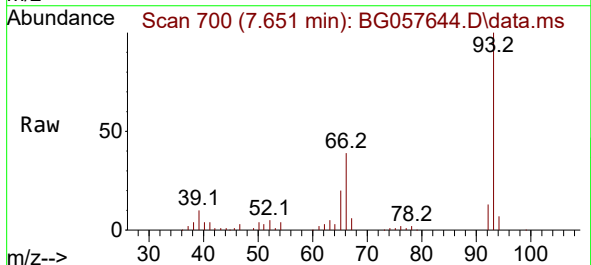
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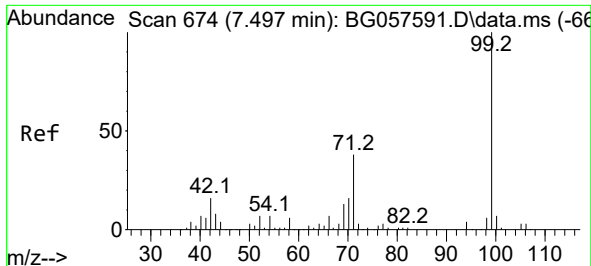
Tgt Ion:112 Resp: 212457
Ion Ratio Lower Upper
112 100
64 61.4 47.8 71.6
63 33.1 27.8 41.8



#6
Aniline
Concen: 47.371 ng
RT: 7.651 min Scan# 700
Delta R.T. -0.001 min
Lab File: BG057644.D
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Tgt Ion: 93 Resp: 107154
Ion Ratio Lower Upper
93 100
66 38.8 32.2 48.4
65 19.8 16.7 25.1

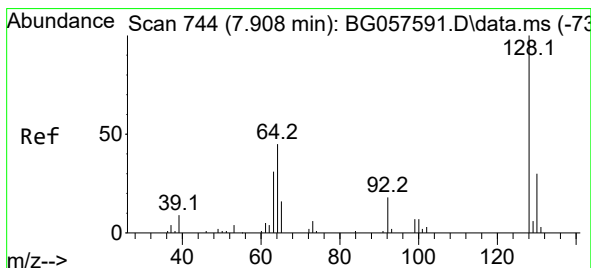
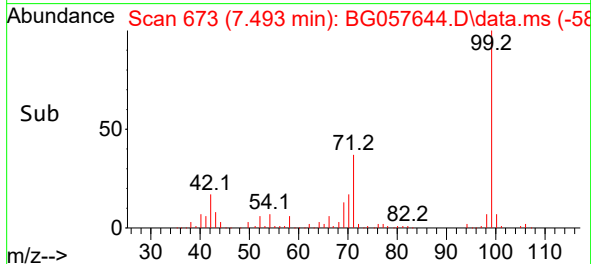
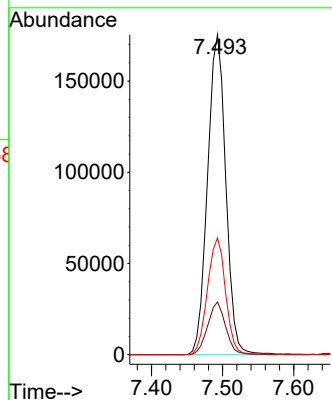
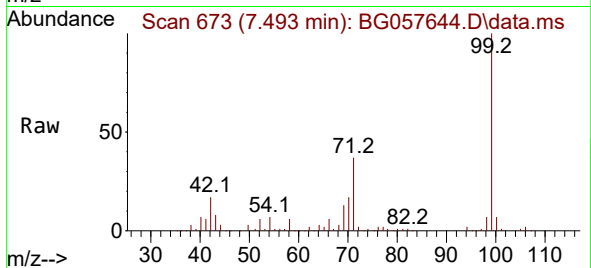




#7
Phenol-d6
Concen: 167.296 ng
RT: 7.493 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

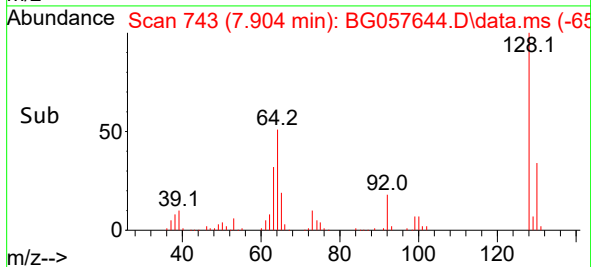
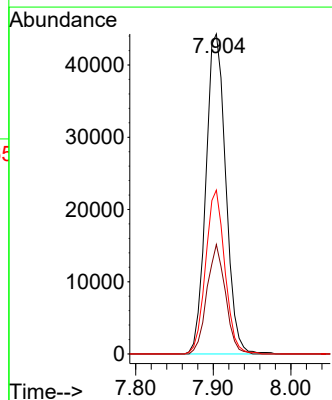
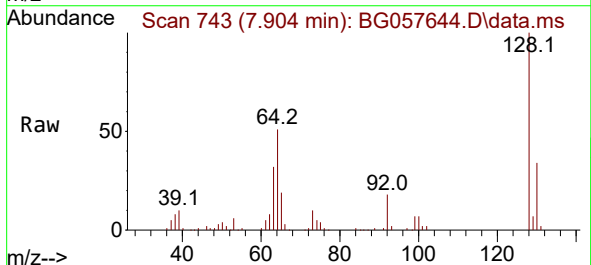
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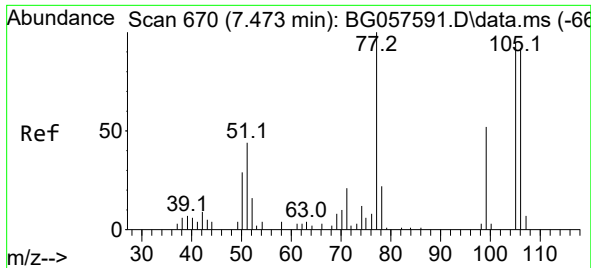
Tgt Ion: 99 Resp: 312813
Ion Ratio Lower Upper
99 100
42 16.5 12.8 19.2
71 36.5 30.3 45.5



#8
2-Chlorophenol
Concen: 61.293 ng
RT: 7.904 min Scan# 743
Delta R.T. 0.005 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:128 Resp: 78620
Ion Ratio Lower Upper
128 100
130 34.2 10.5 50.5
64 51.2 33.8 73.8

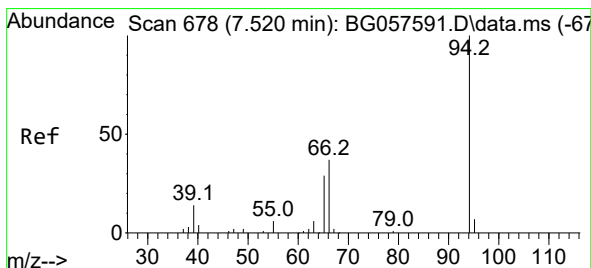
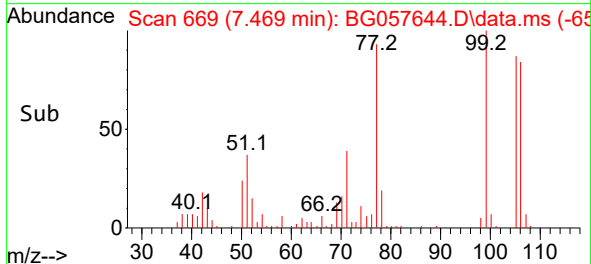
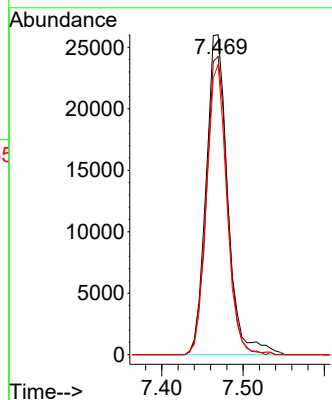
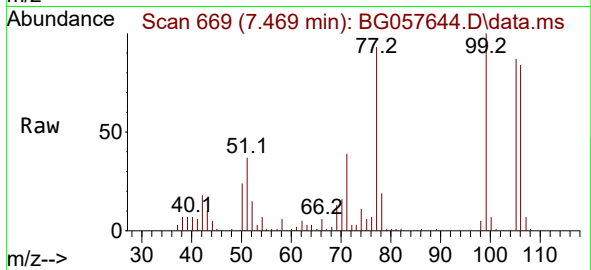




#9
Benzaldehyde
Concen: 38.777 ng
RT: 7.469 min Scan# 610
Delta R.T. 0.005 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

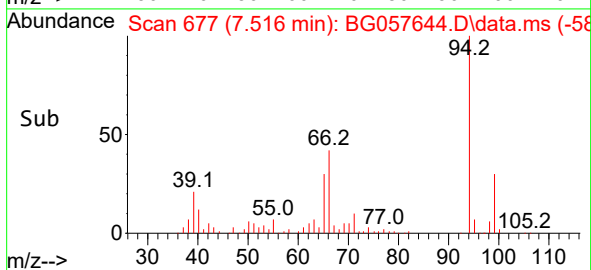
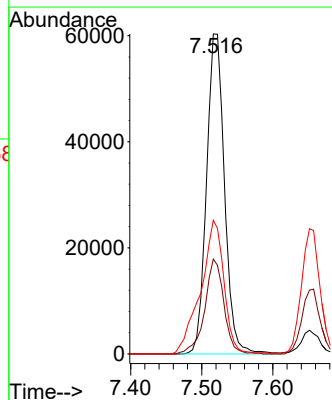
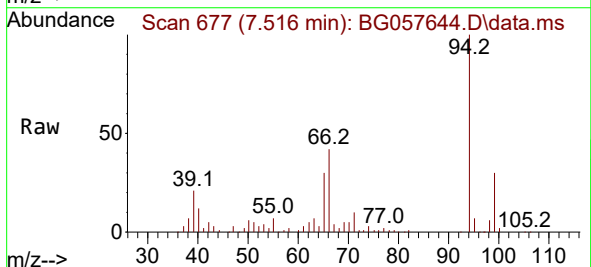
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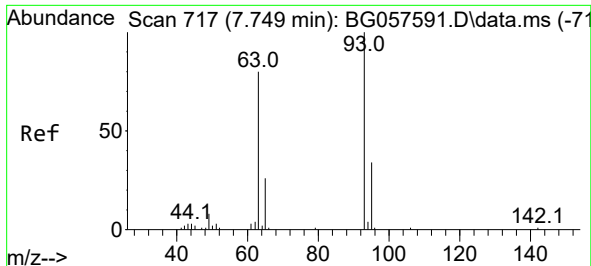
Tgt Ion: 77 Resp: 48038
Ion Ratio Lower Upper
77 100
105 93.2 75.0 115.0
106 90.7 72.5 112.5



#10
Phenol
Concen: 60.065 ng
RT: 7.516 min Scan# 677
Delta R.T. 0.005 min
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Tgt Ion: 94 Resp: 106300
Ion Ratio Lower Upper
94 100
65 29.7 9.6 49.6
66 41.8 22.0 62.0

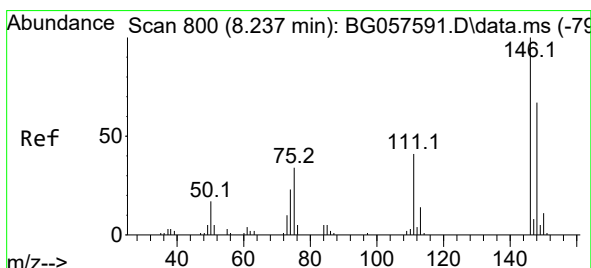
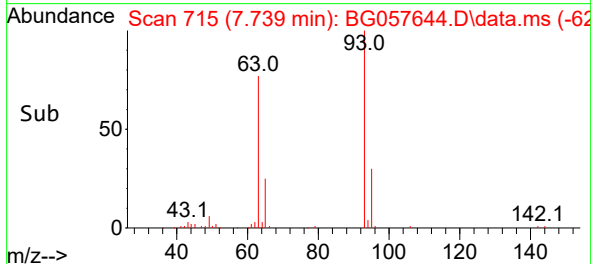
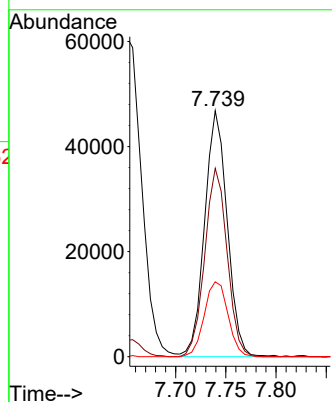
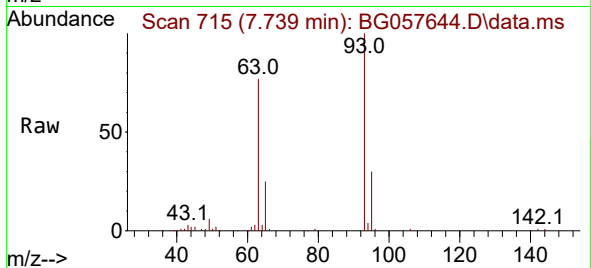




#11
bis(2-Chloroethyl)ether
Concen: 55.449 ng
RT: 7.739 min Scan# 715
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

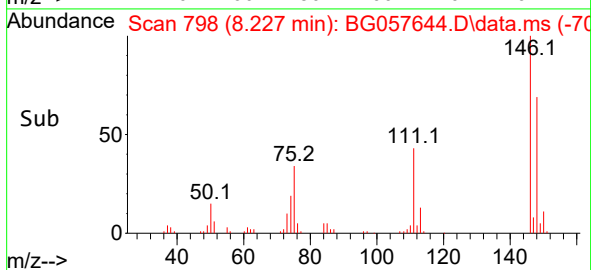
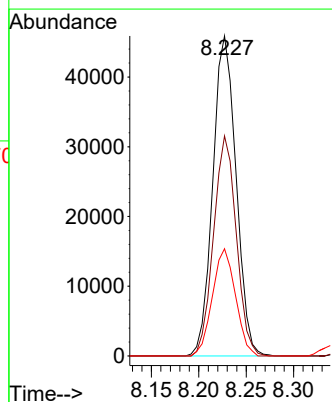
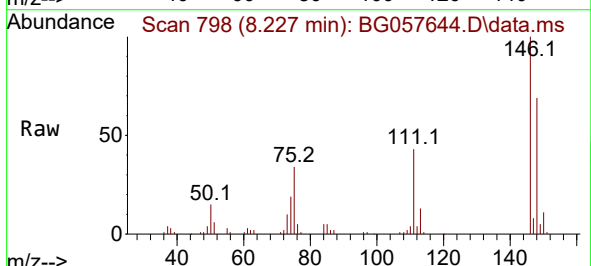
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

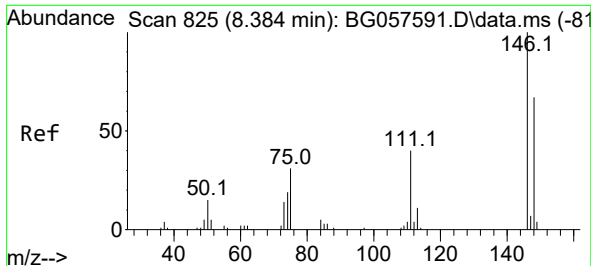
Tgt Ion: 93 Resp: 73274
Ion Ratio Lower Upper
93 100
63 76.6 59.3 99.3
95 30.4 14.1 54.1



#12
1,3-Dichlorobenzene
Concen: 57.246 ng
RT: 8.227 min Scan# 798
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:146 Resp: 78229
Ion Ratio Lower Upper
146 100
148 68.8 53.4 80.0
75 33.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 57.993 ng

RT: 8.374 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

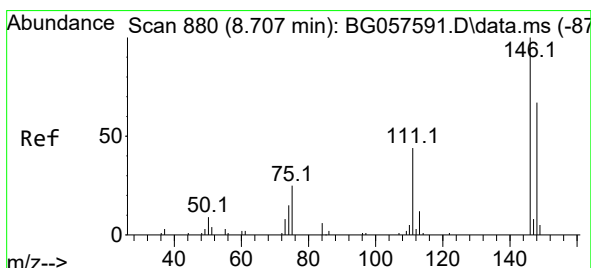
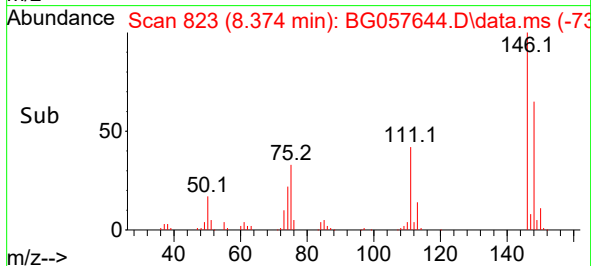
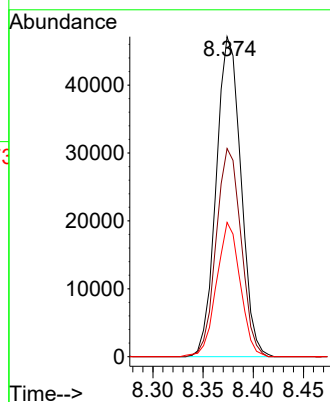
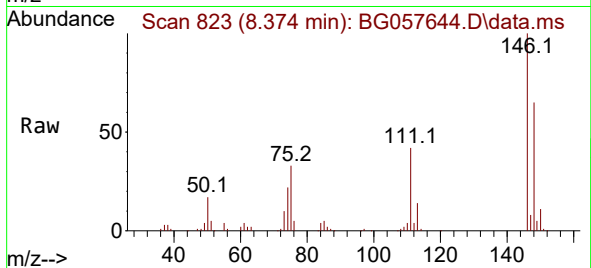
Tgt Ion:146 Resp: 80625

Ion Ratio Lower Upper

146 100

148 65.0 53.8 80.6

111 41.9 31.9 47.9



#14

1,2-Dichlorobenzene

Concen: 57.045 ng

RT: 8.703 min Scan# 879

Delta R.T. 0.005 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

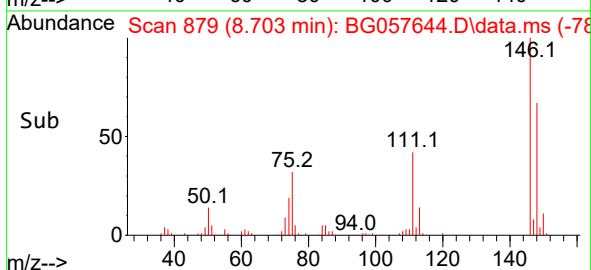
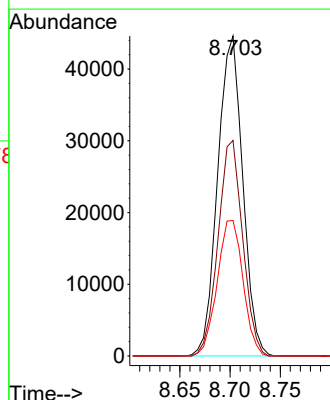
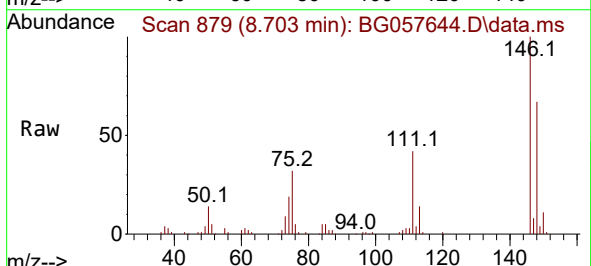
Tgt Ion:146 Resp: 77355

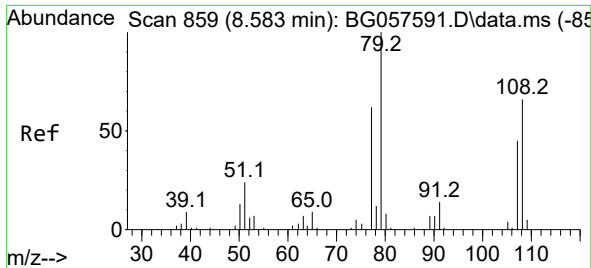
Ion Ratio Lower Upper

146 100

148 67.4 53.5 80.3

111 42.4 36.6 54.8



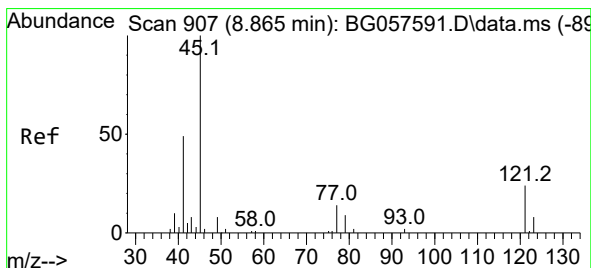
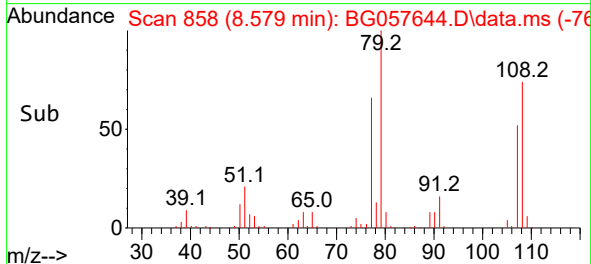
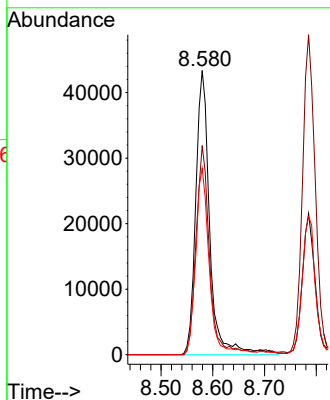
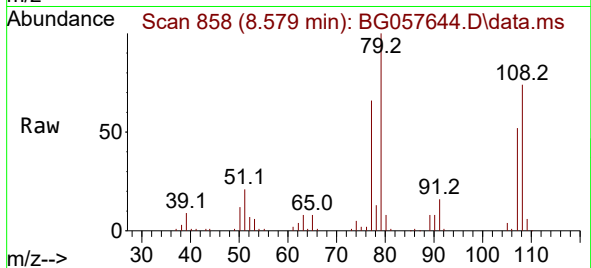


#15
Benzyl Alcohol
Concen: 56.482 ng
RT: 8.579 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Instrument :
BNA_G
ClientSampleId :
PB153157BSD

Tgt Ion: 79 Resp: 81241

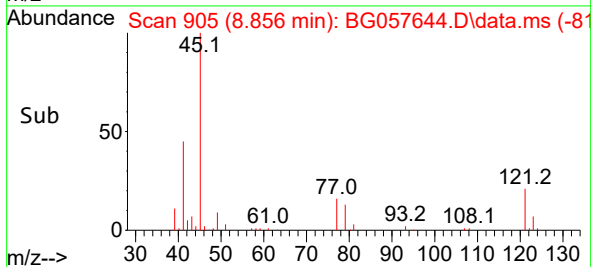
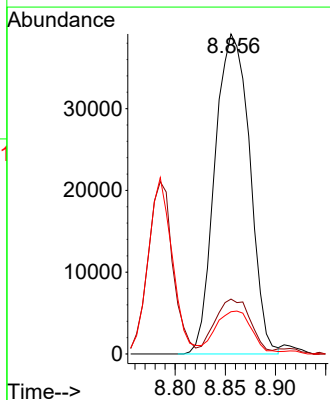
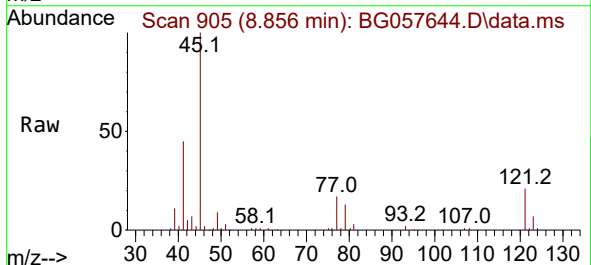
Ion	Ratio	Lower	Upper
79	100		
108	73.6	52.6	78.8
77	65.6	49.7	74.5

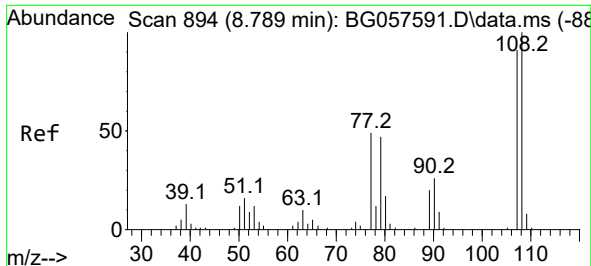


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.448 ng
RT: 8.856 min Scan# 905
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion: 45 Resp: 94265

Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	39.2
79	13.2	0.0	34.2



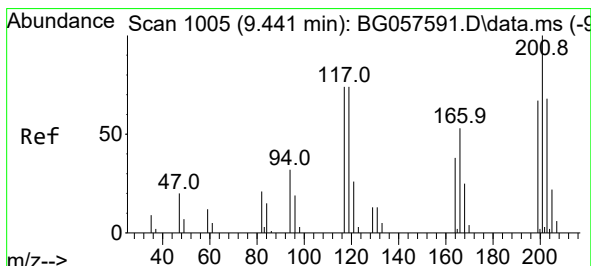
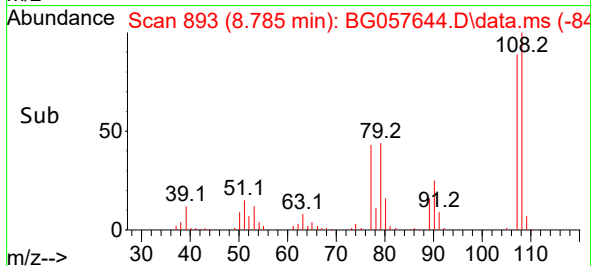
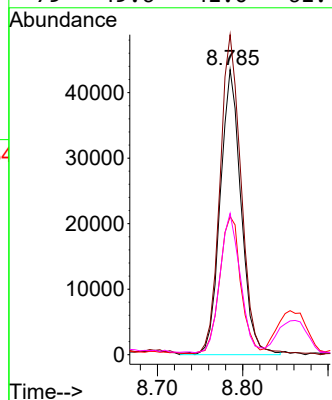
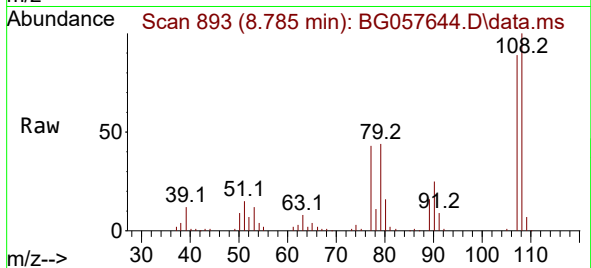


#17
2-Methylphenol
Concen: 56.746 ng
RT: 8.785 min Scan# 894
Delta R.T. 0.005 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Instrument :
BNA_G
ClientSampleId :
PB153157BSD

Tgt Ion:107 Resp: 73748

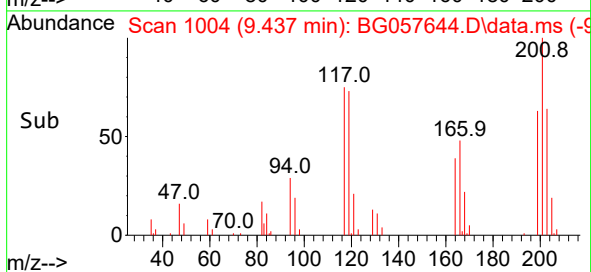
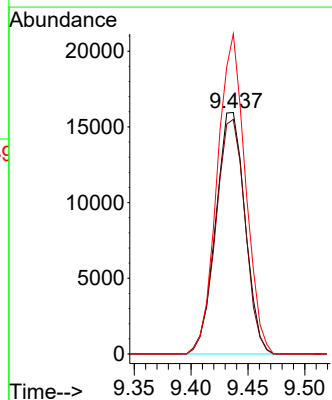
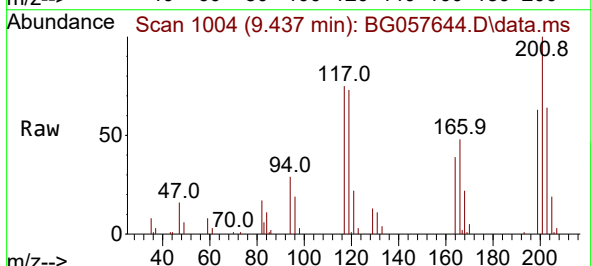
Ion	Ratio	Lower	Upper
107	100		
108	112.2	87.7	131.5
77	48.4	43.0	64.6
79	49.6	41.0	61.4

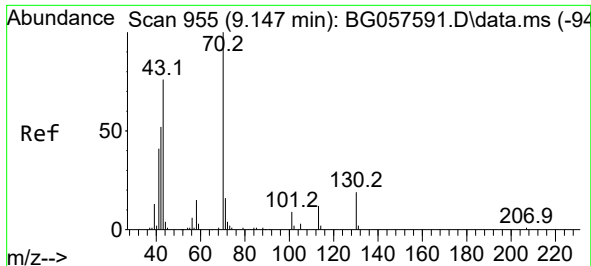


#18
Hexachloroethane
Concen: 60.043 ng
RT: 9.437 min Scan# 1004
Delta R.T. 0.005 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:117 Resp: 28583

Ion	Ratio	Lower	Upper
117	100		
119	97.1	80.6	121.0
201	132.5	108.8	163.2

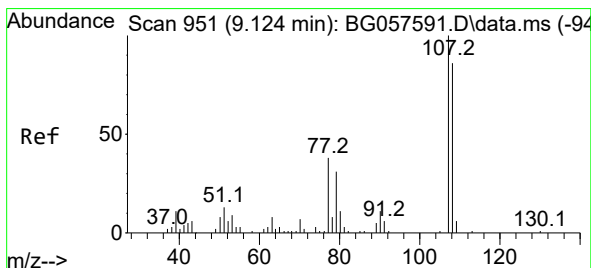
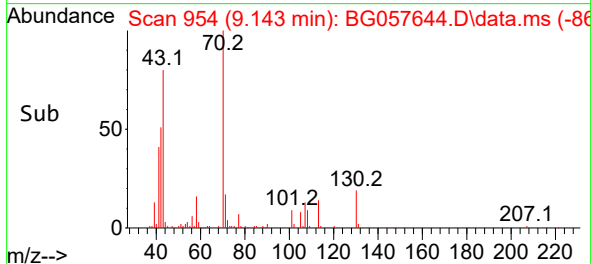
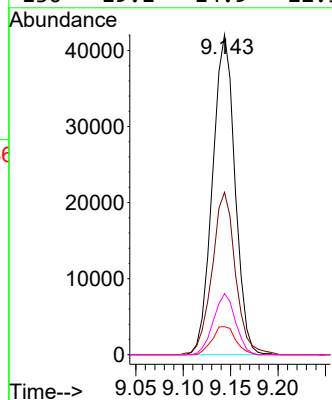
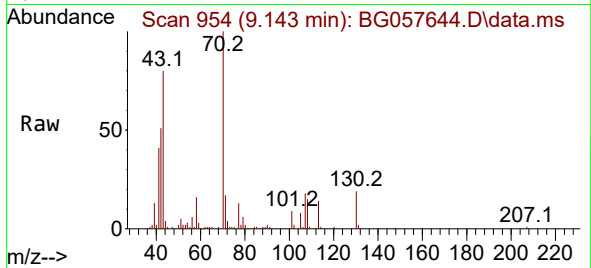




#19
n-Nitroso-di-n-propylamine
Concen: 53.307 ng
RT: 9.143 min Scan# 91
Delta R.T. 0.005 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

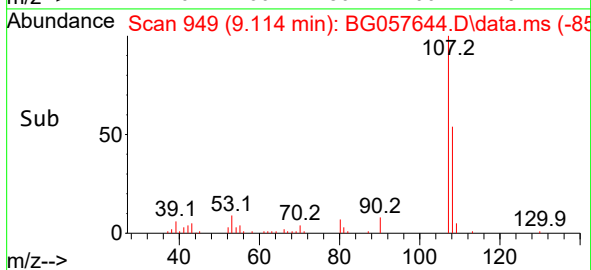
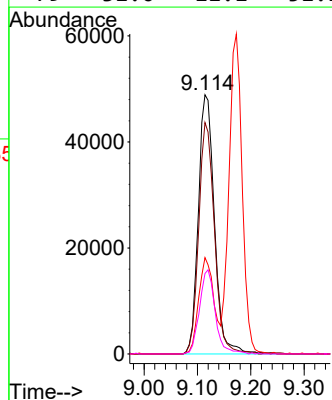
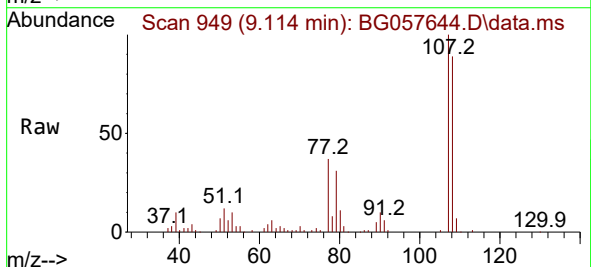
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

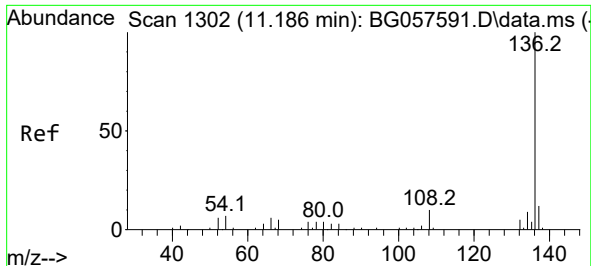
Tgt Ion: 70 Resp: 69248
Ion Ratio Lower Upper
70 100
42 50.8 41.4 62.0
101 8.7 6.9 10.3
130 19.1 14.9 22.3



#20
3+4-Methylphenols
Concen: 56.334 ng
RT: 9.114 min Scan# 949
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

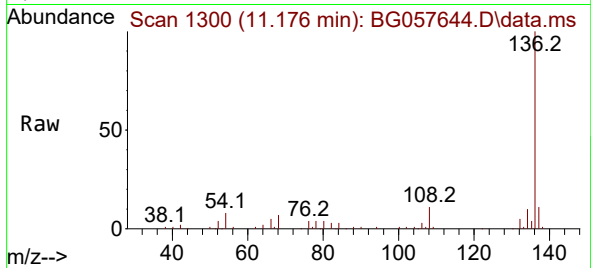
Tgt Ion: 107 Resp: 102776
Ion Ratio Lower Upper
107 100
108 89.2 65.6 105.6
77 37.2 18.0 58.0
79 31.0 11.1 51.1



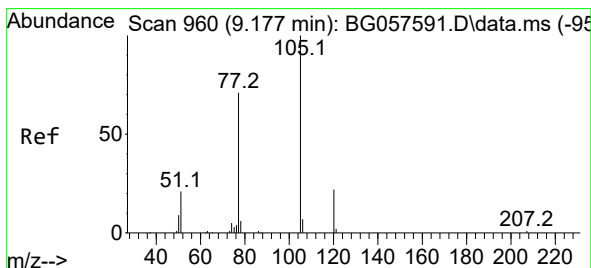
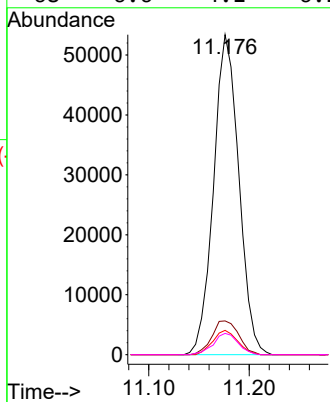
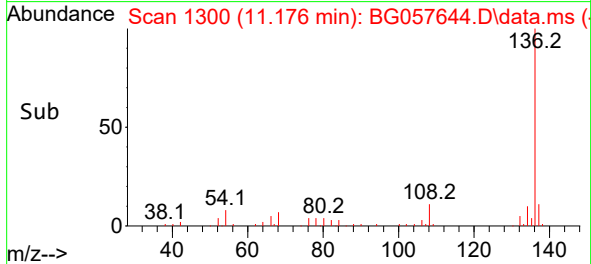


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.176 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Instrument :
BNA_G
ClientSampleId :
PB153157BSD

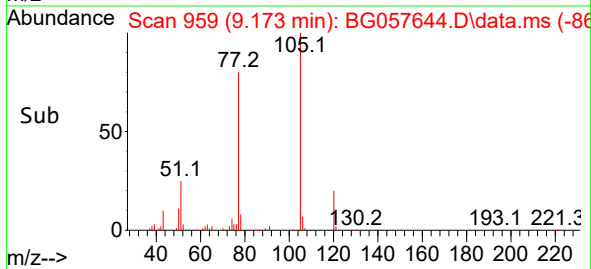
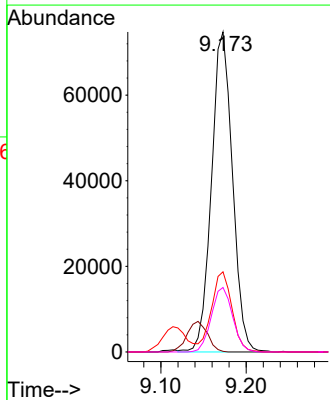
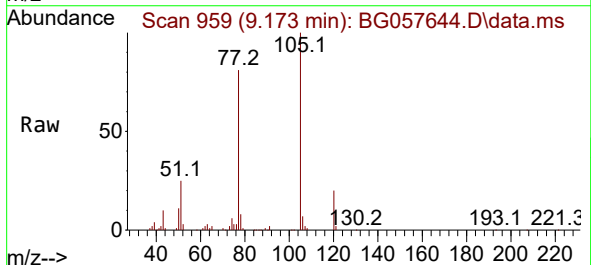


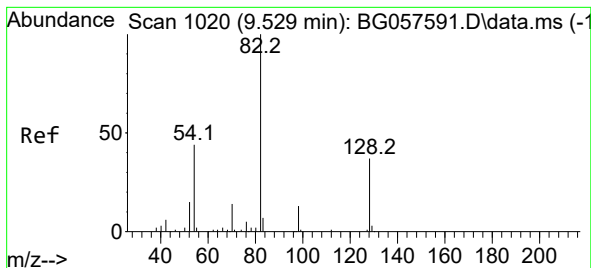
Tgt Ion:136 Resp: 93313
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.8
54 7.6 5.8 8.6
68 6.6 4.1 6.1#



#22
Acetophenone
Concen: 51.112 ng
RT: 9.173 min Scan# 959
Delta R.T. 0.005 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:105 Resp: 127534
Ion Ratio Lower Upper
105 100
71 0.2 0.0 0.0#
51 25.0 20.7 31.1
120 20.2 17.9 26.9





#23

Nitrobenzene-d5

Concen: 98.342 ng

RT: 9.519 min Scan# 1018

Delta R.T. -0.001 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

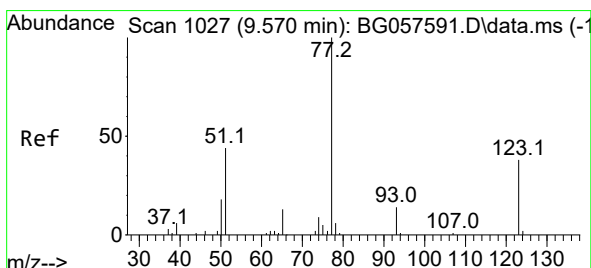
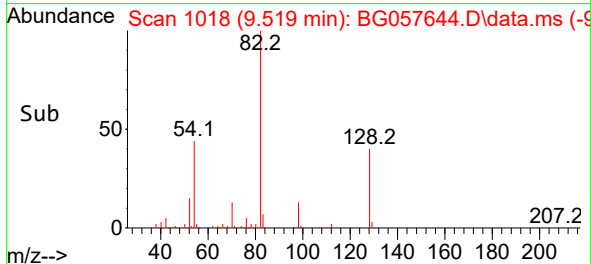
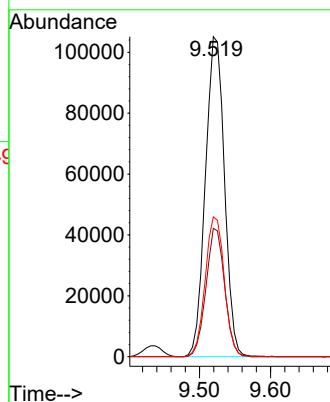
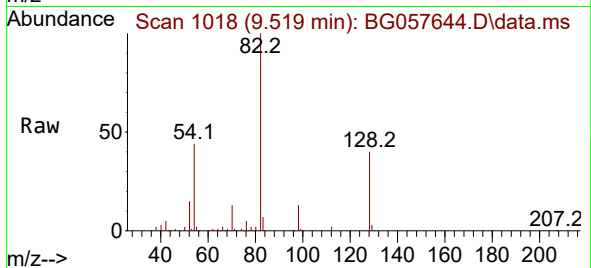
Tgt Ion: 82 Resp: 196306

Ion Ratio Lower Upper

82 100

128 40.1 30.0 45.0

54 43.7 35.2 52.8



#24

Nitrobenzene

Concen: 48.766 ng

RT: 9.566 min Scan# 1026

Delta R.T. 0.005 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

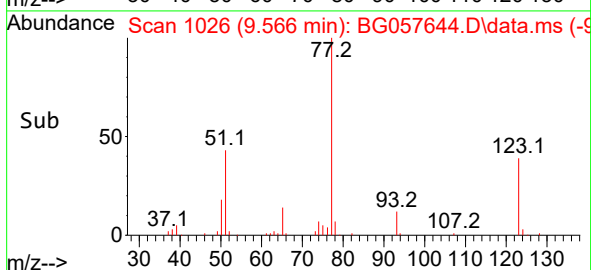
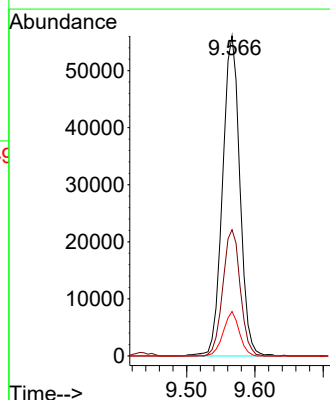
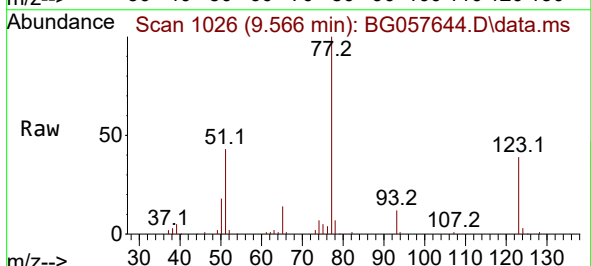
Tgt Ion: 77 Resp: 98813

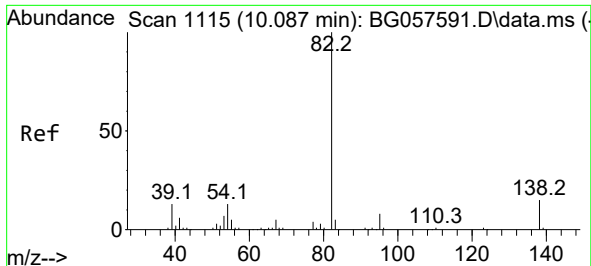
Ion Ratio Lower Upper

77 100

123 39.5 30.6 46.0

65 13.9 10.2 15.4

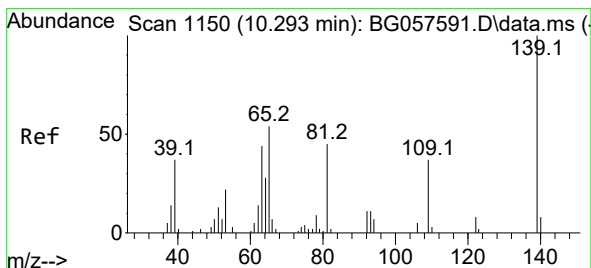
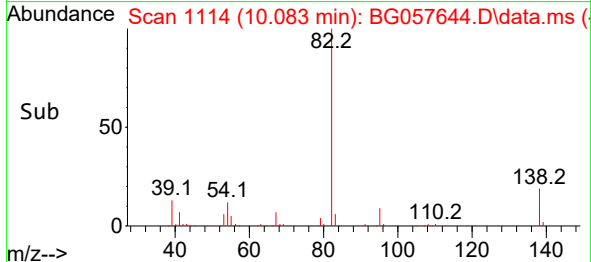
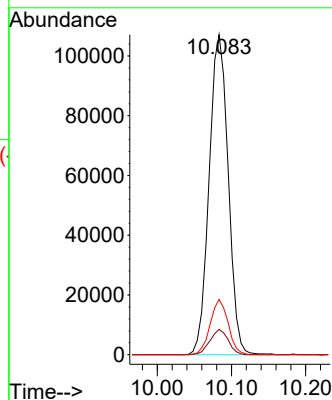
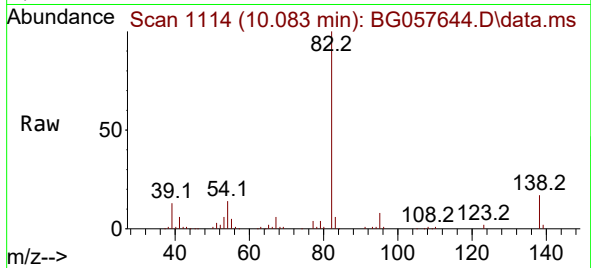




#25
Isophorone
Concen: 48.734 ng
RT: 10.083 min Scan# 1115
Delta R.T. 0.005 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

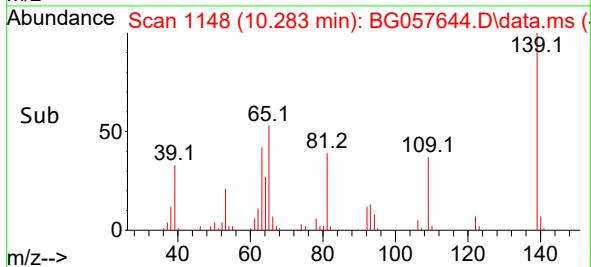
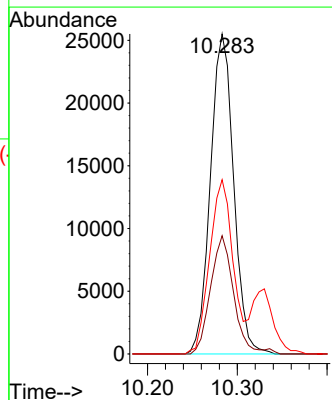
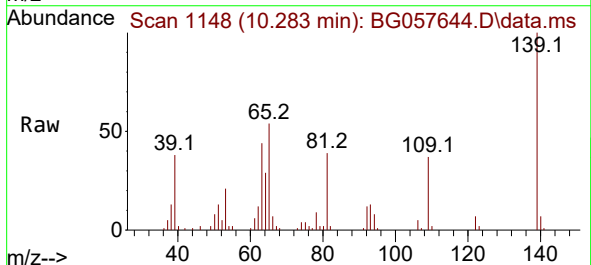
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

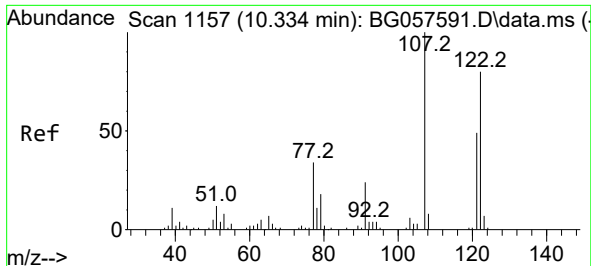
Tgt Ion: 82 Resp: 191212
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 17.3 12.0 18.0



#26
2-Nitrophenol
Concen: 52.671 ng
RT: 10.283 min Scan# 1148
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:139 Resp: 45760
Ion Ratio Lower Upper
139 100
109 36.9 29.5 44.3
65 54.5 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 53.662 ng

RT: 10.330 min Scan# 1157

Delta R.T. 0.005 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

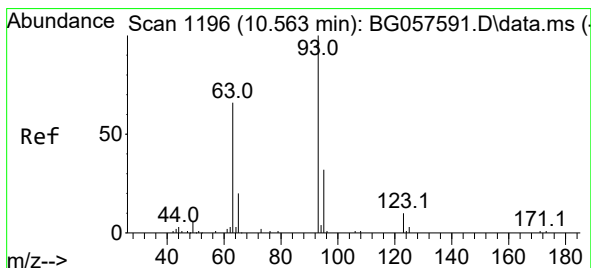
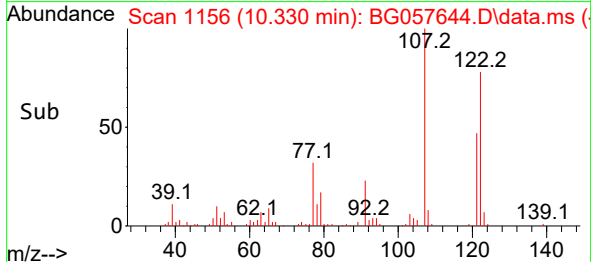
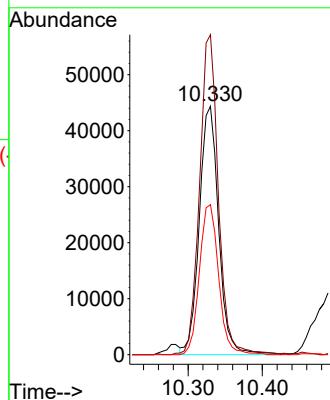
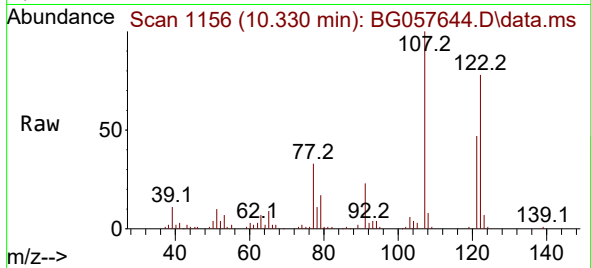
Tgt Ion:122 Resp: 80603

Ion Ratio Lower Upper

122 100

107 128.8 99.4 149.2

121 60.4 48.4 72.6



#28

bis(2-Chloroethoxy)methane

Concen: 53.427 ng

RT: 10.553 min Scan# 1194

Delta R.T. -0.001 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

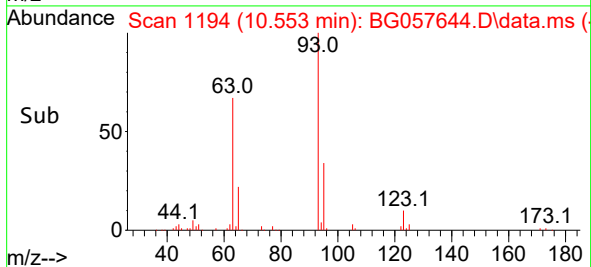
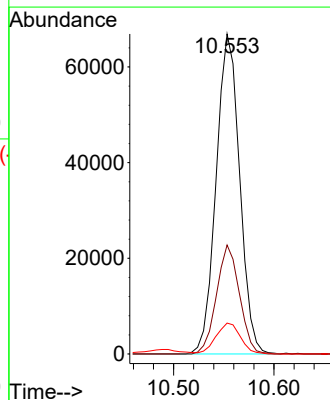
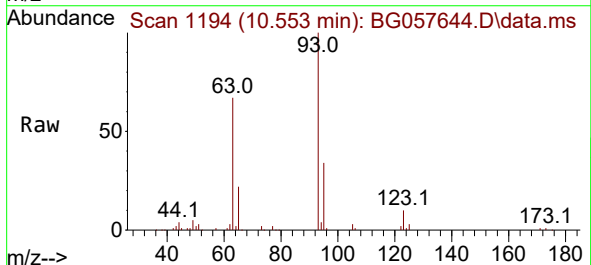
Tgt Ion: 93 Resp: 108698

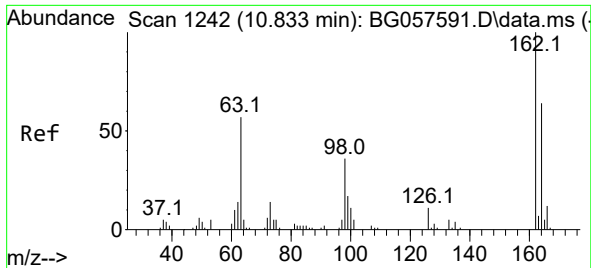
Ion Ratio Lower Upper

93 100

95 34.0 25.3 37.9

123 9.6 8.2 12.4

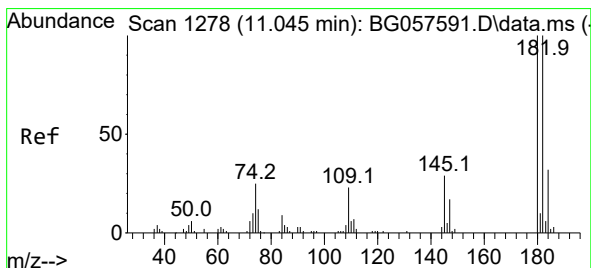
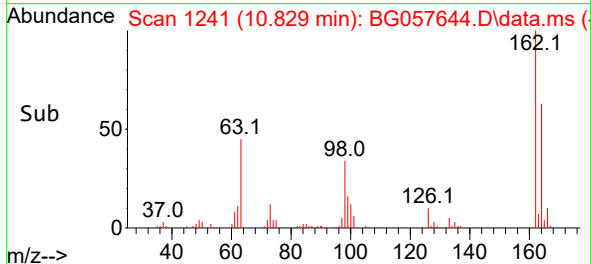
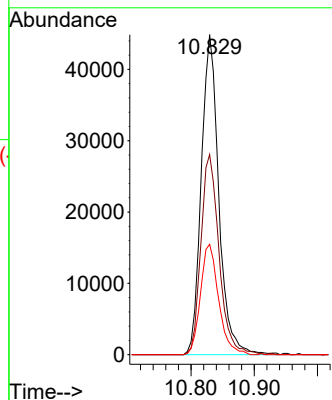
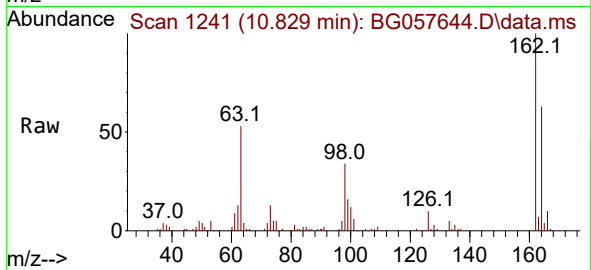




#29
2,4-Dichlorophenol
Concen: 54.864 ng
RT: 10.829 min Scan# 1241
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

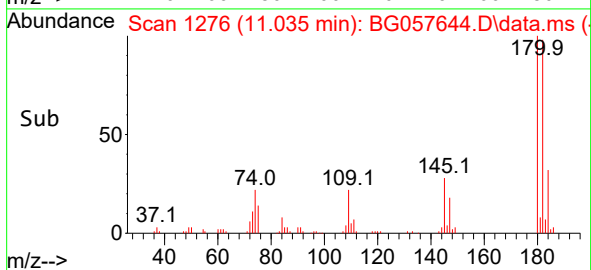
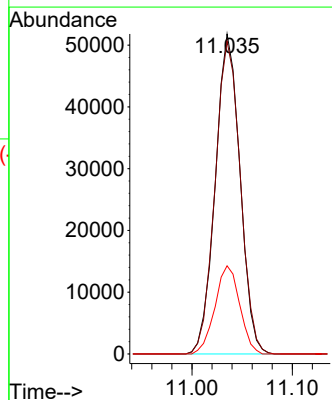
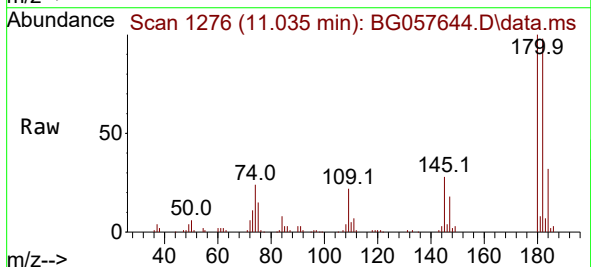
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

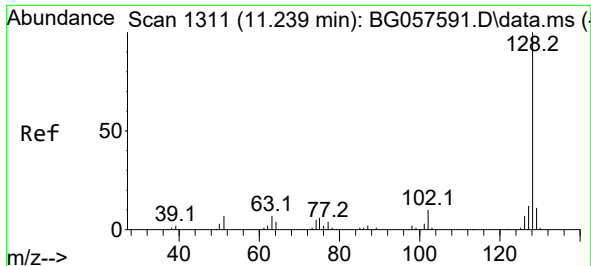
Tgt Ion:162 Resp: 86553
Ion Ratio Lower Upper
162 100
164 62.6 44.1 84.1
98 34.5 16.3 56.3



#30
1,2,4-Trichlorobenzene
Concen: 51.404 ng
RT: 11.035 min Scan# 1276
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:180 Resp: 88381
Ion Ratio Lower Upper
180 100
182 97.7 80.2 120.2
145 27.6 23.1 34.7

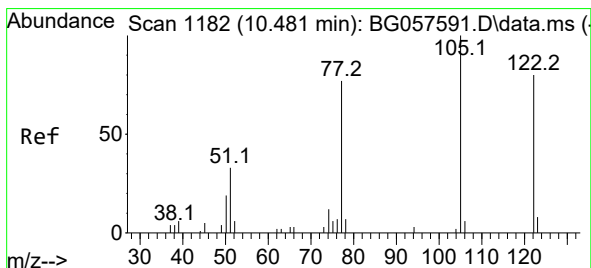
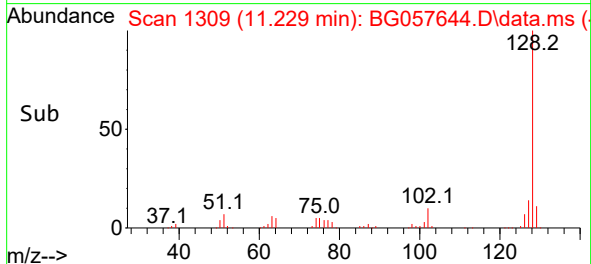
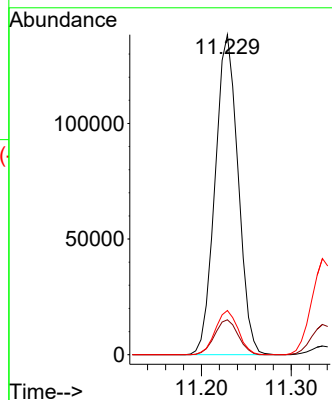
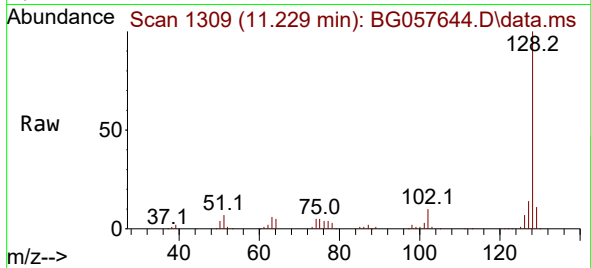




#31
Naphthalene
Concen: 49.760 ng
RT: 11.229 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

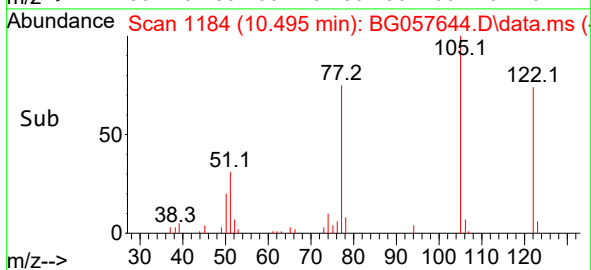
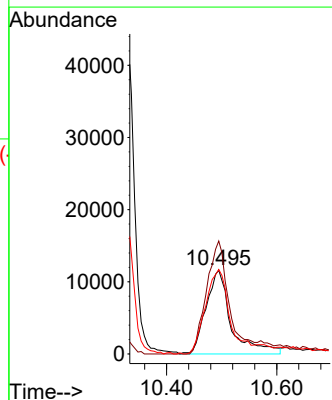
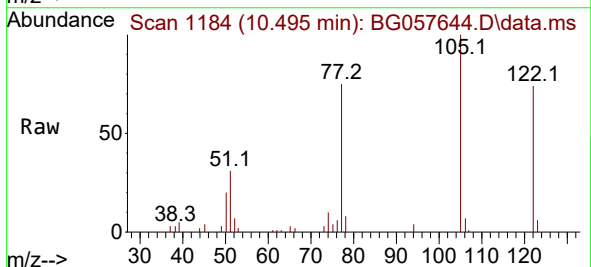
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

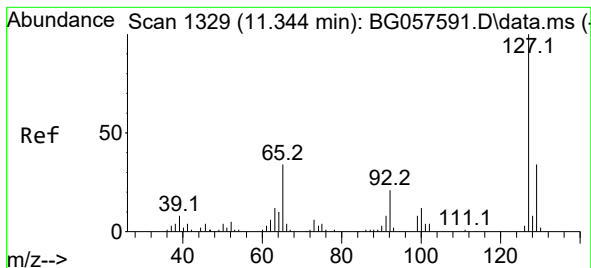
Tgt Ion:128 Resp: 245624
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.8 9.8 14.8



#32
Benzoic acid
Concen: 42.914 ng
RT: 10.495 min Scan# 1184
Delta R.T. 0.017 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:122 Resp: 36866
Ion Ratio Lower Upper
122 100
105 134.8 104.8 144.8
77 100.9 75.8 115.8





#33

4-Chloroaniline

Concen: 36.911 ng

RT: 11.335 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

Tgt Ion:127 Resp: 83787

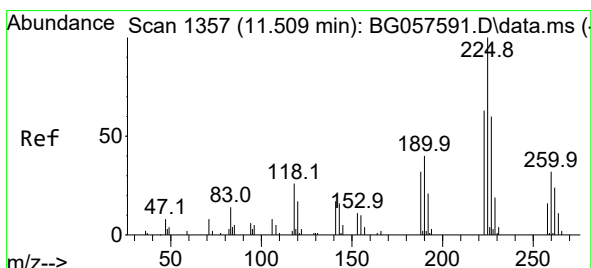
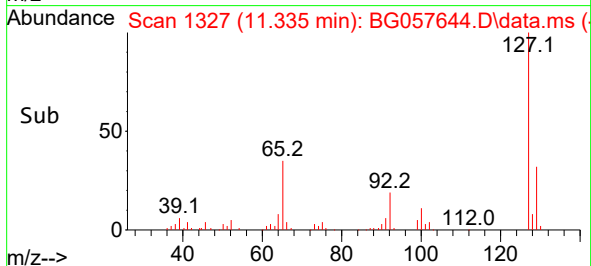
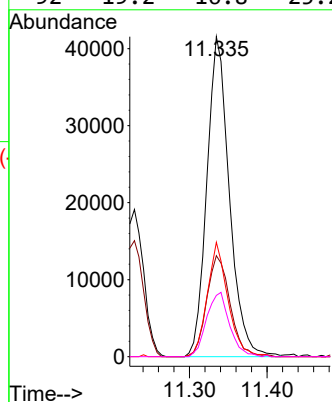
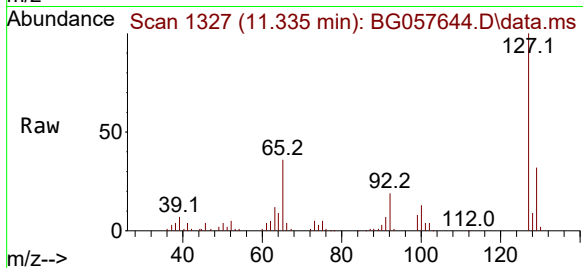
Ion Ratio Lower Upper

127 100

129 31.5 26.9 40.3

65 35.7 27.3 40.9

92 19.2 16.8 25.2



#34

Hexachlorobutadiene

Concen: 51.153 ng

RT: 11.493 min Scan# 1354

Delta R.T. -0.001 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

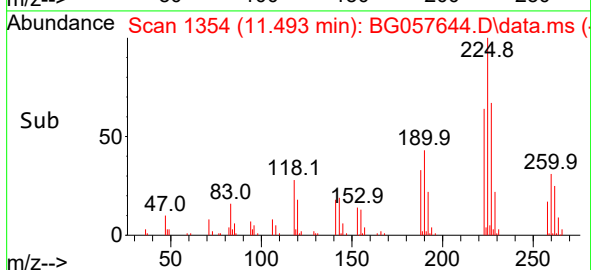
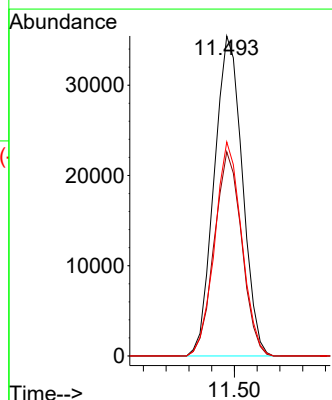
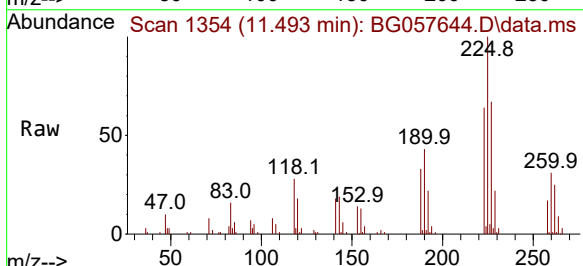
Tgt Ion:225 Resp: 60832

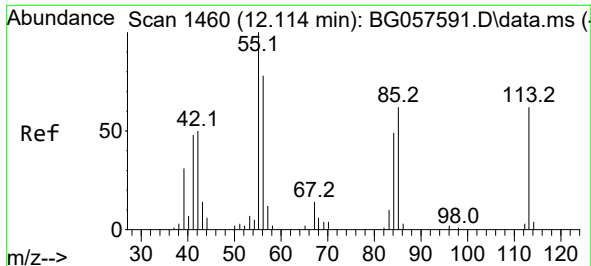
Ion Ratio Lower Upper

225 100

223 63.8 50.1 75.1

227 66.9 47.9 71.9

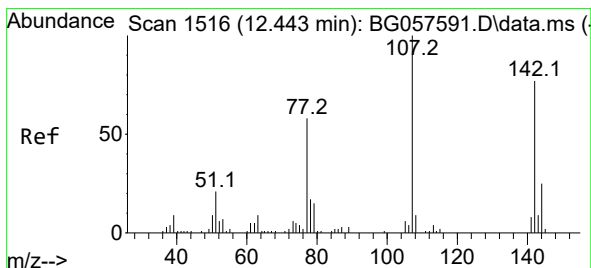
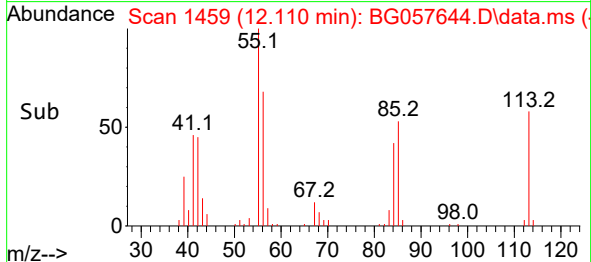
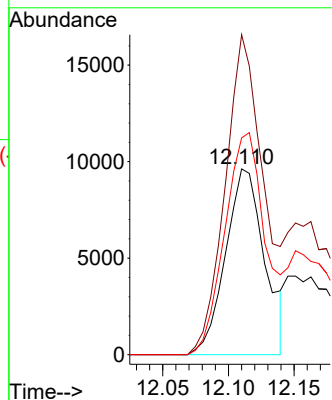
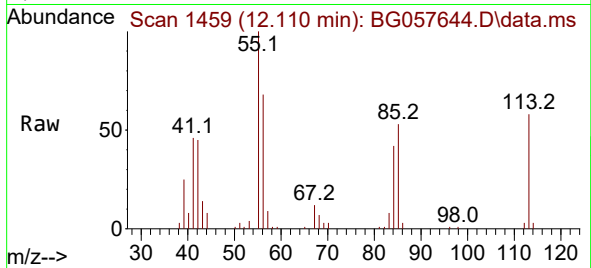




#35
Caprolactam
Concen: 30.361 ng
RT: 12.110 min Scan# 1460
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

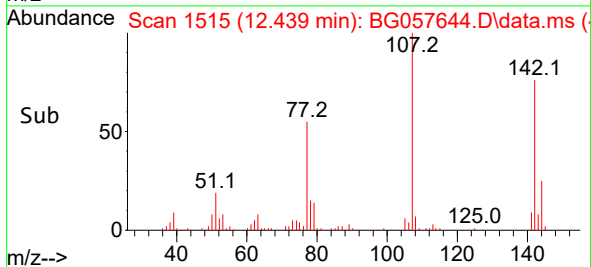
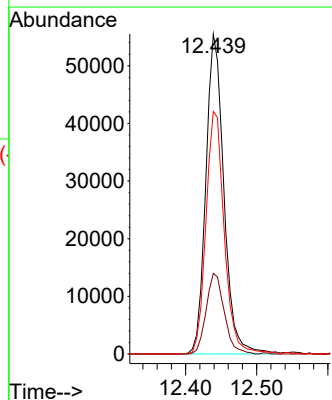
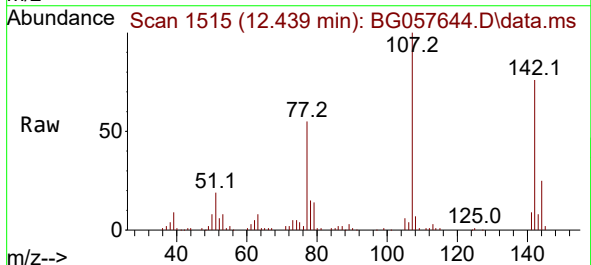
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

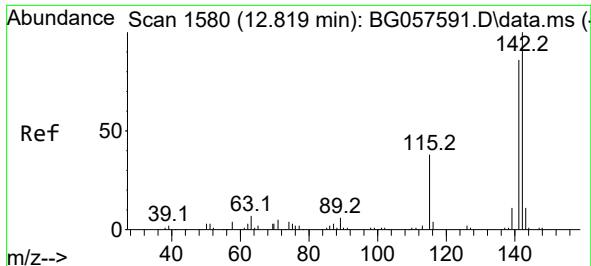
Tgt Ion:113 Resp: 19856
Ion Ratio Lower Upper
113 100
55 172.2 140.9 180.9
56 116.7 105.9 145.9



#36
4-Chloro-3-methylphenol
Concen: 52.457 ng
RT: 12.439 min Scan# 1515
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:107 Resp: 97956
Ion Ratio Lower Upper
107 100
144 25.2 19.7 29.5
142 75.8 61.6 92.4

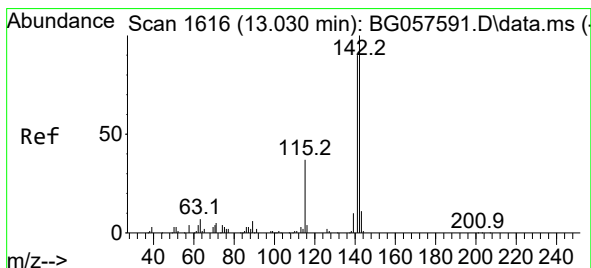
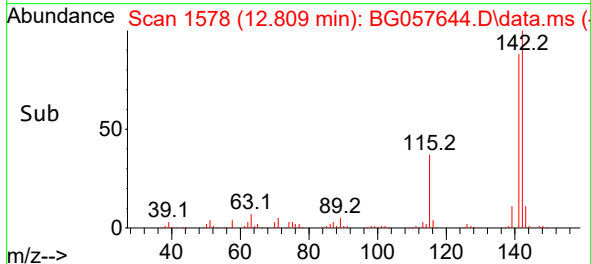
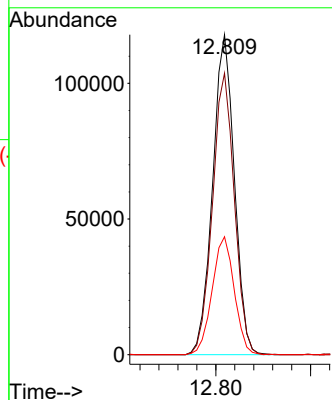
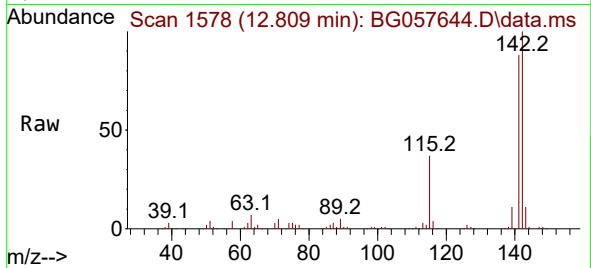




#37
2-Methylnaphthalene
Concen: 48.399 ng
RT: 12.809 min Scan# 1578
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

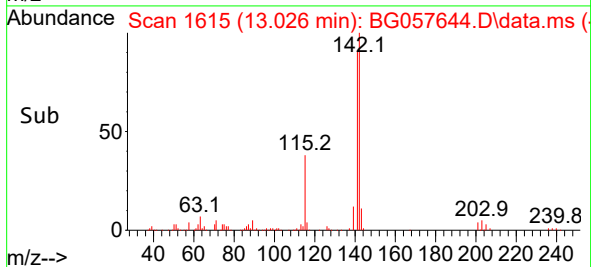
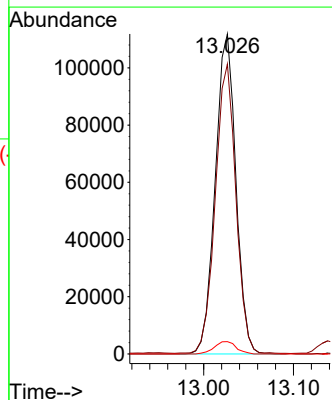
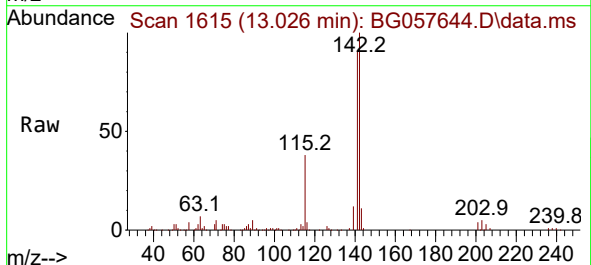
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

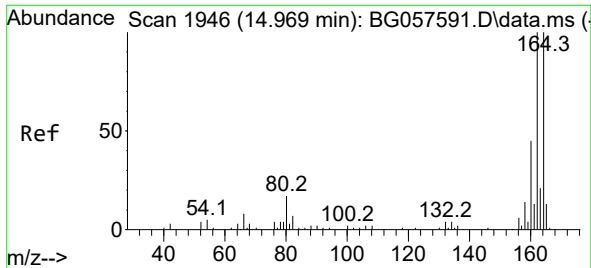
Tgt Ion:142 Resp: 187505
Ion Ratio Lower Upper
142 100
141 88.0 68.6 103.0
115 36.8 30.4 45.6



#38
1-Methylnaphthalene
Concen: 48.188 ng
RT: 13.026 min Scan# 1615
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:142 Resp: 178153
Ion Ratio Lower Upper
142 100
141 90.6 72.1 108.1
116 3.8 3.4 5.2

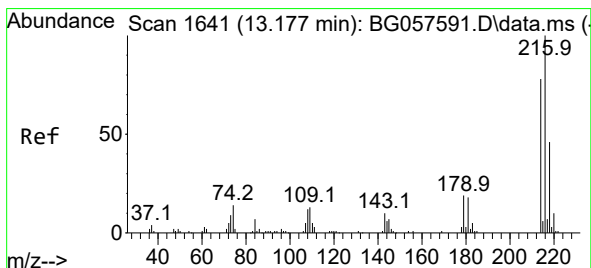
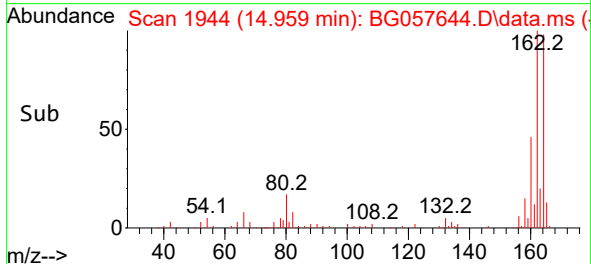
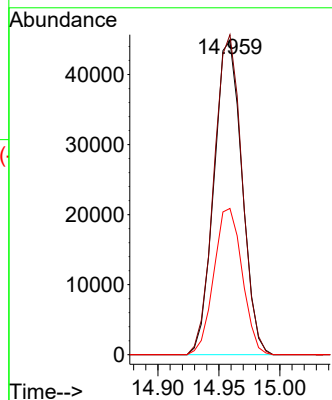
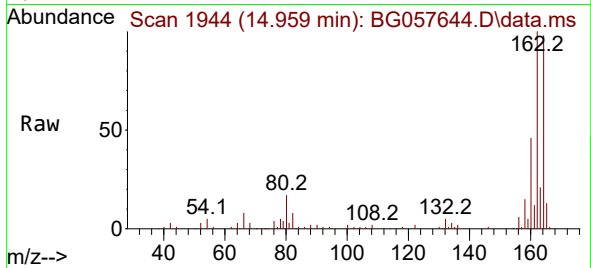




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.959 min Scan# 1944
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

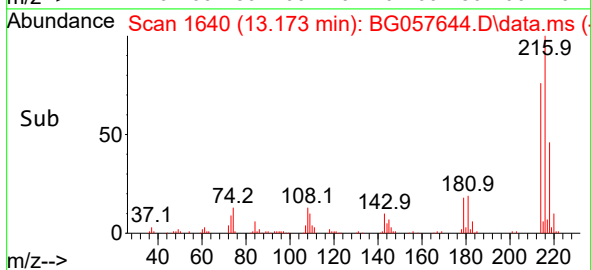
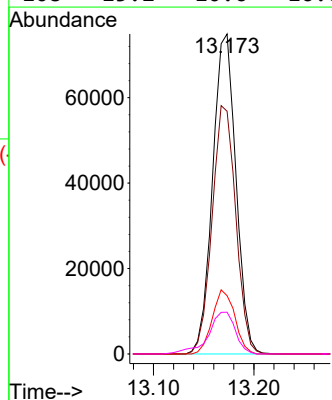
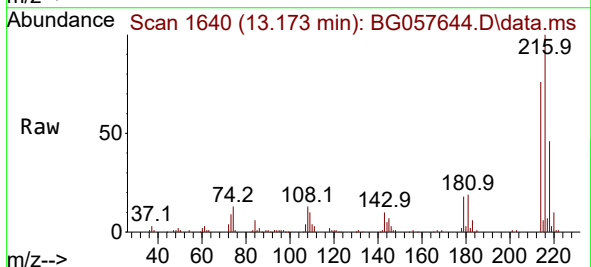
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

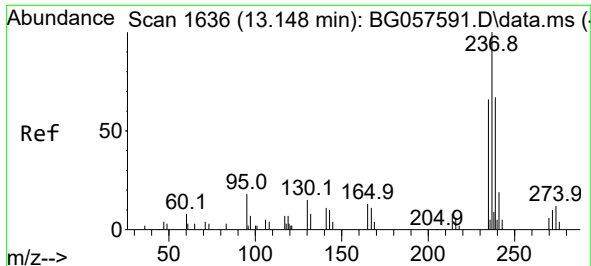
Tgt Ion:164 Resp: 71754
Ion Ratio Lower Upper
164 100
162 101.9 80.1 120.1
160 46.6 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.361 ng
RT: 13.173 min Scan# 1640
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:216 Resp: 120964
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.6
179 19.3 15.0 22.6
108 15.2 10.6 16.0

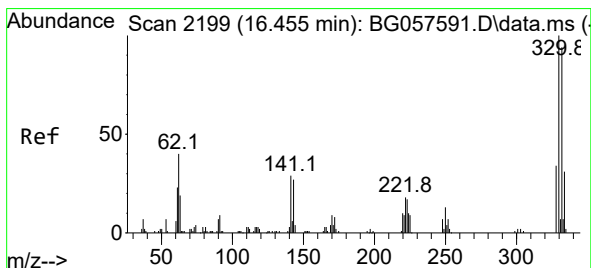
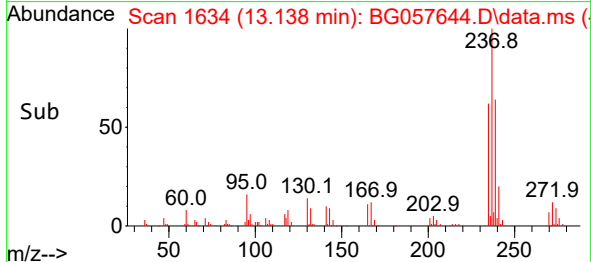
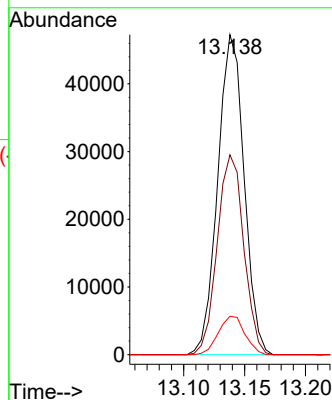
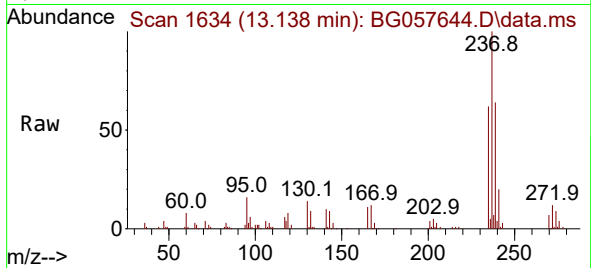




#41
Hexachlorocyclopentadiene
Concen: 101.628 ng
RT: 13.138 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

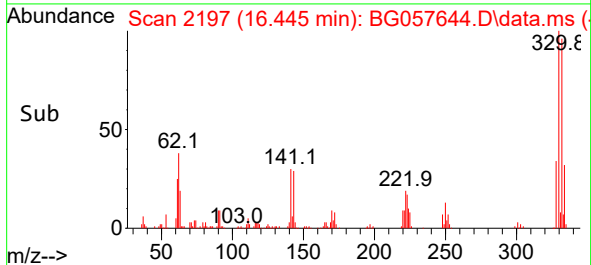
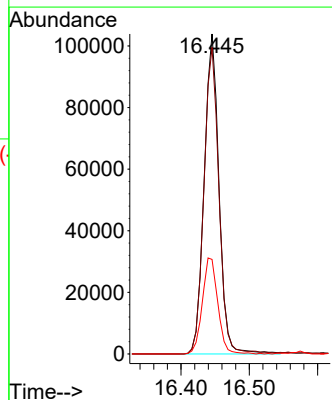
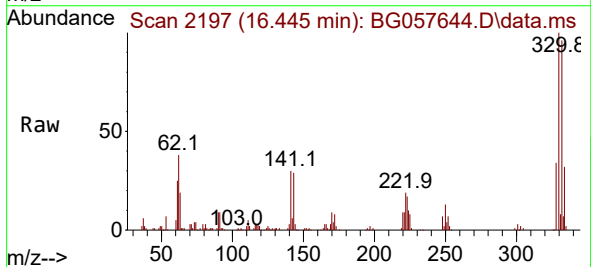
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

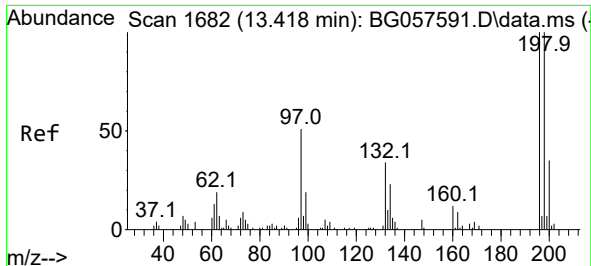
Tgt Ion:237 Resp: 71063
Ion Ratio Lower Upper
237 100
235 62.5 45.7 85.7
272 12.0 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 136.837 ng
RT: 16.445 min Scan# 2197
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:330 Resp: 157198
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 31.2 24.6 37.0

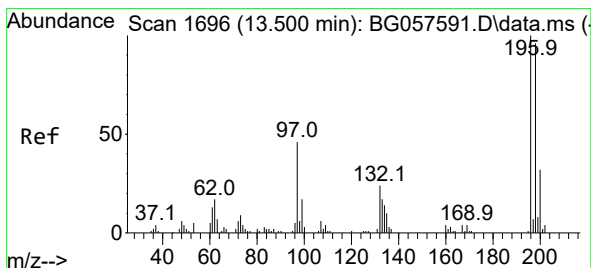
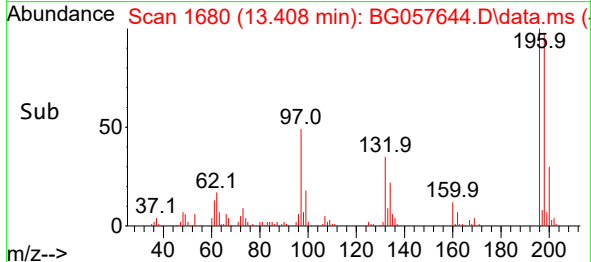
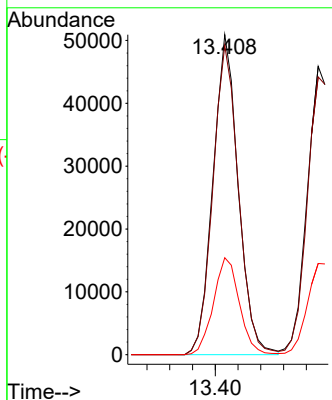
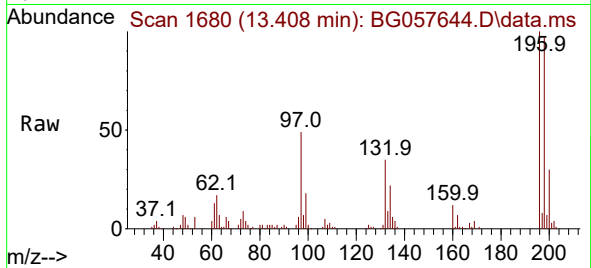




#43
 2,4,6-Trichlorophenol
 Concen: 53.010 ng
 RT: 13.408 min Scan# 1
 Delta R.T. -0.001 min
 Lab File: BG057644.D
 Acq: 6 Jun 2023 19:35

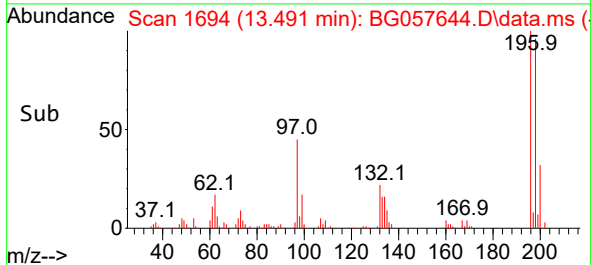
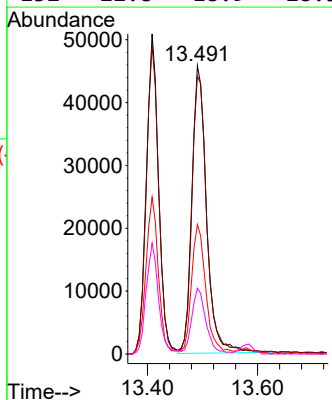
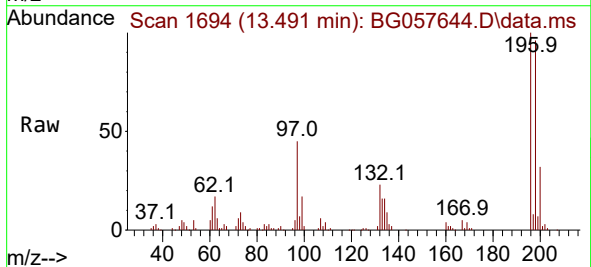
Instrument :
 BNA_G
 ClientSampleId :
 PB153157BSD

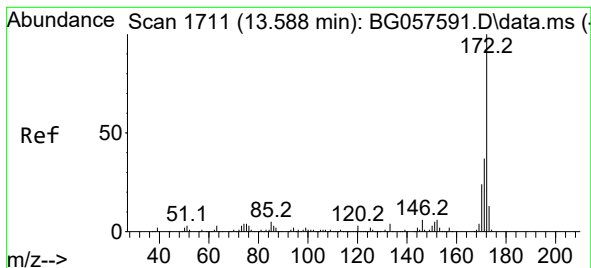
Tgt Ion:196 Resp: 78599
 Ion Ratio Lower Upper
 196 100
 198 96.6 79.6 119.4
 200 30.3 28.2 42.2



#44
 2,4,5-Trichlorophenol
 Concen: 47.797 ng
 RT: 13.491 min Scan# 1694
 Delta R.T. -0.001 min
 Lab File: BG057644.D
 Acq: 6 Jun 2023 19:35

Tgt Ion:196 Resp: 84406
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.9 115.3
 97 44.9 36.6 55.0
 132 22.8 18.9 28.3





#45

2-Fluorobiphenyl

Concen: 99.865 ng

RT: 13.579 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

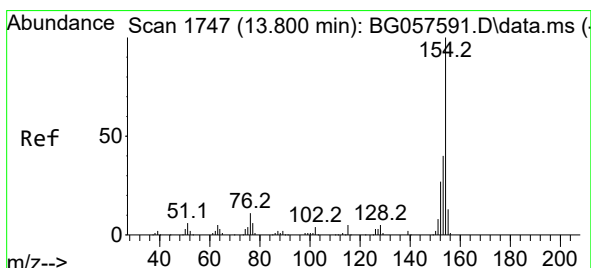
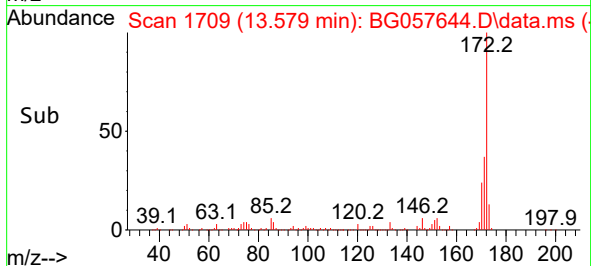
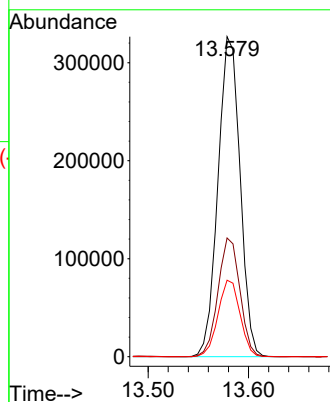
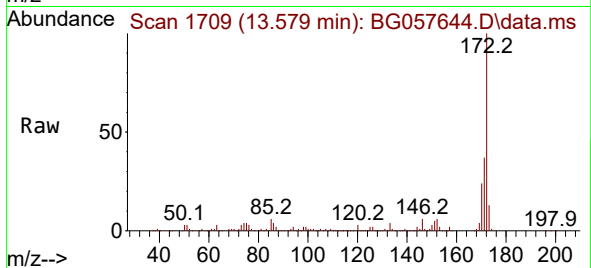
Tgt Ion:172 Resp: 498618

Ion Ratio Lower Upper

172 100

171 37.1 29.2 43.8

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 52.321 ng

RT: 13.796 min Scan# 1746

Delta R.T. 0.005 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

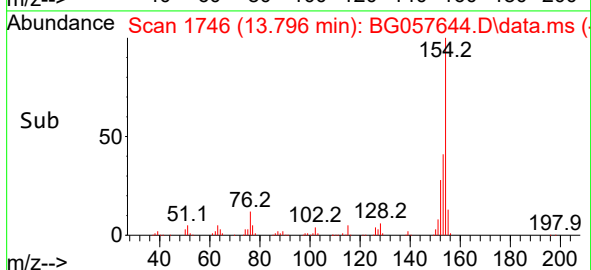
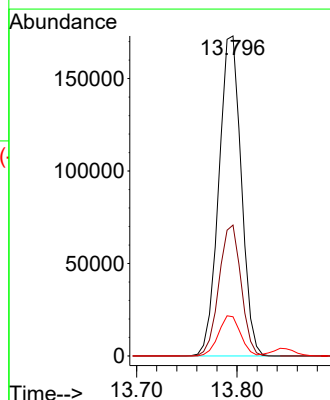
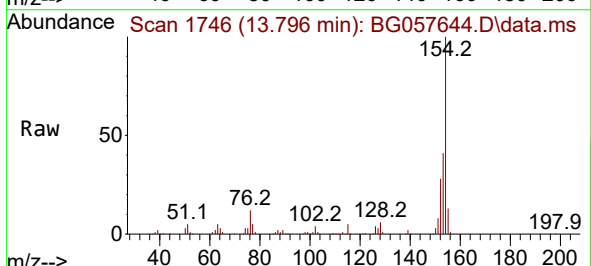
Tgt Ion:154 Resp: 268318

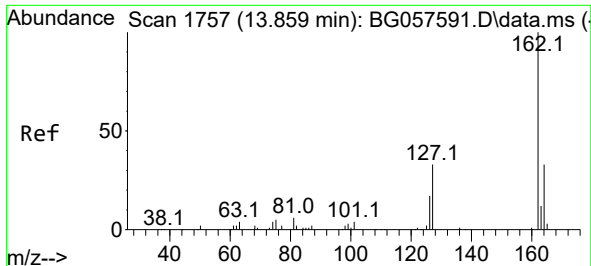
Ion Ratio Lower Upper

154 100

153 40.9 19.6 59.6

76 12.2 0.0 30.9

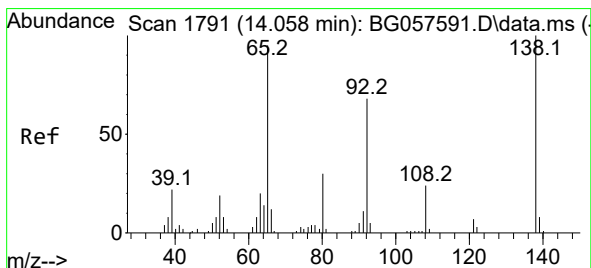
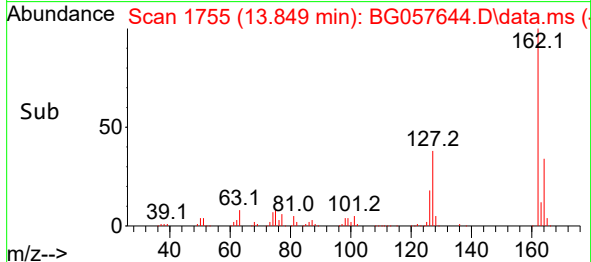
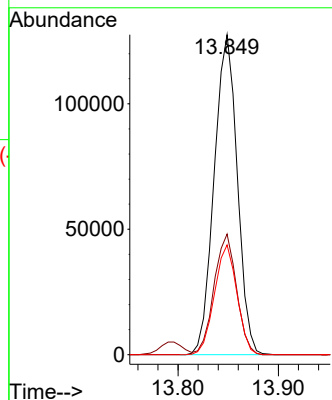
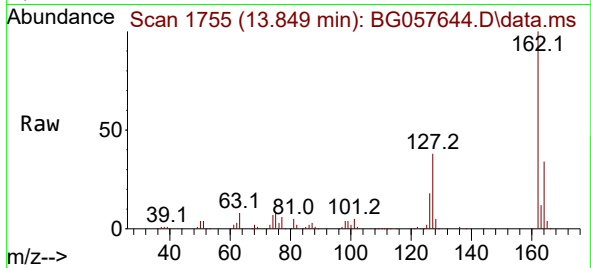




#47
2-Chloronaphthalene
Concen: 52.738 ng
RT: 13.849 min Scan# 1755
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

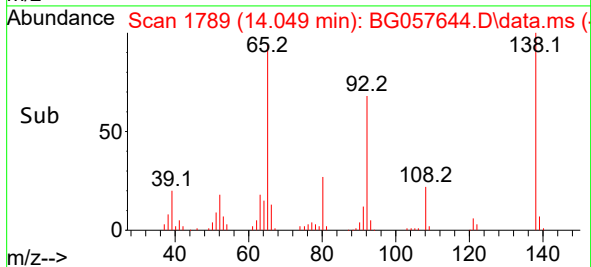
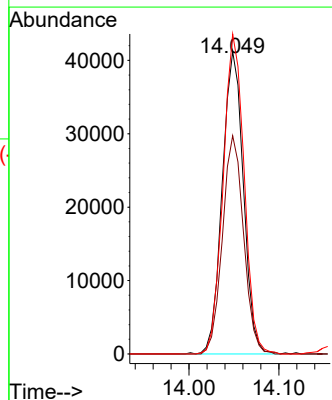
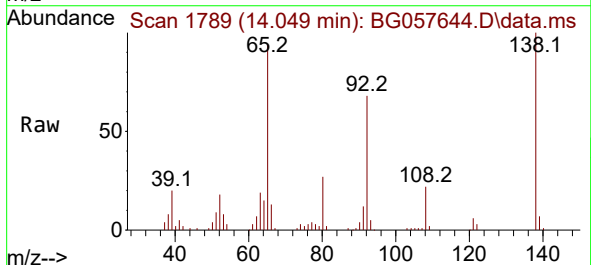
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

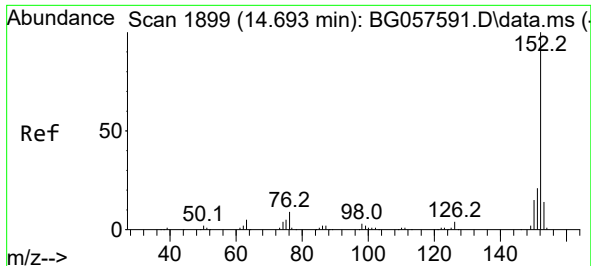
Tgt Ion:162 Resp: 203717
Ion Ratio Lower Upper
162 100
127 37.7 28.2 42.2
164 34.3 26.1 39.1



#48
2-Nitroaniline
Concen: 49.675 ng
RT: 14.049 min Scan# 1789
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion: 65 Resp: 67214
Ion Ratio Lower Upper
65 100
92 72.2 57.3 85.9
138 105.8 84.6 127.0

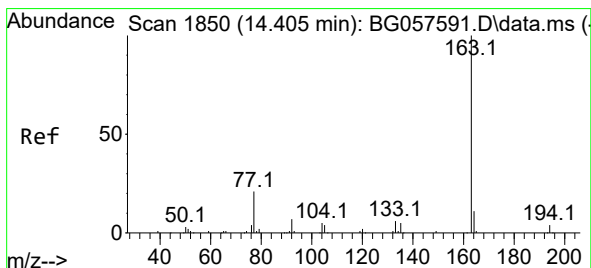
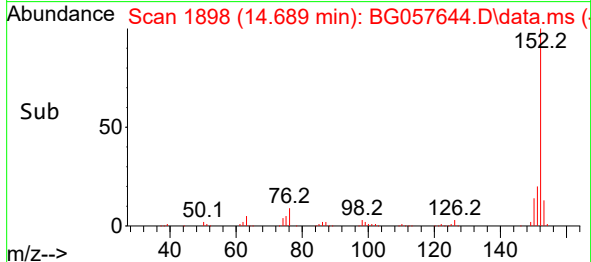
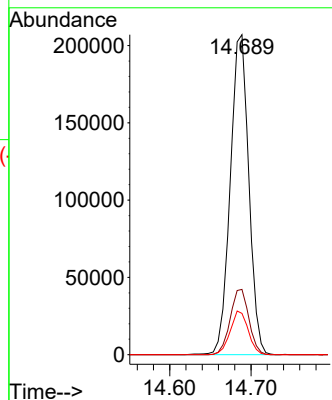
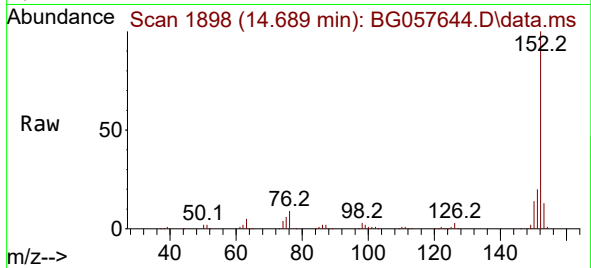




#49
Acenaphthylene
Concen: 50.022 ng
RT: 14.689 min Scan# 1898
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

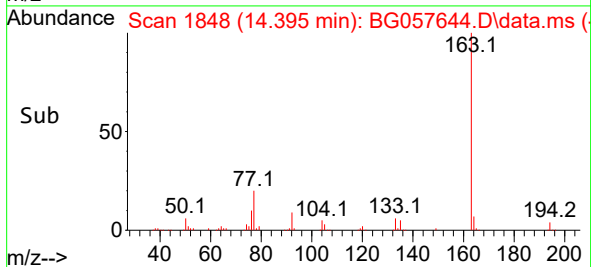
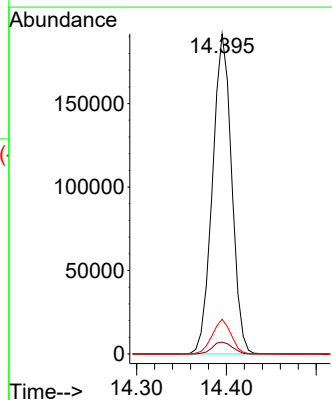
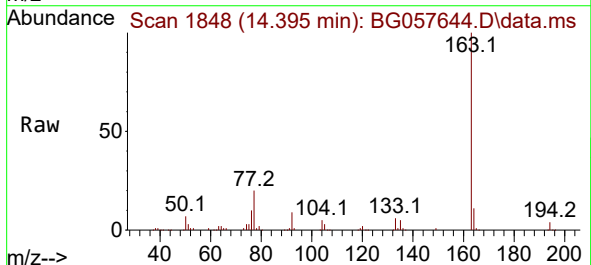
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

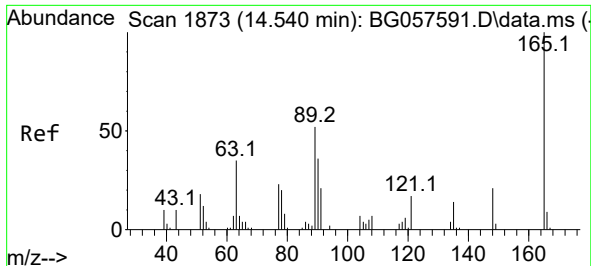
Tgt Ion:152 Resp: 327202
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7
153 12.9 11.0 16.4



#50
Dimethylphthalate
Concen: 48.003 ng
RT: 14.395 min Scan# 1848
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:163 Resp: 283886
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.8 8.5 12.7

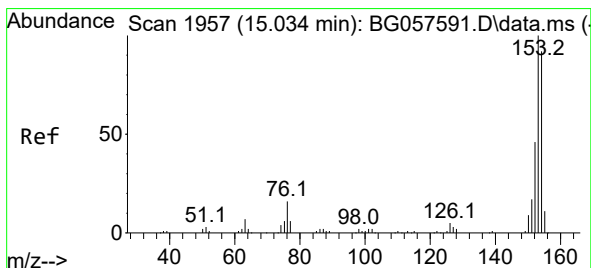
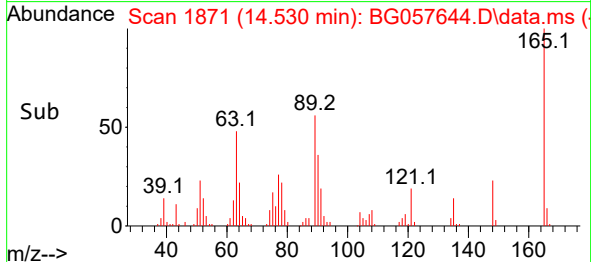
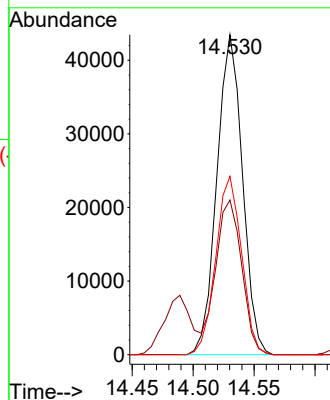
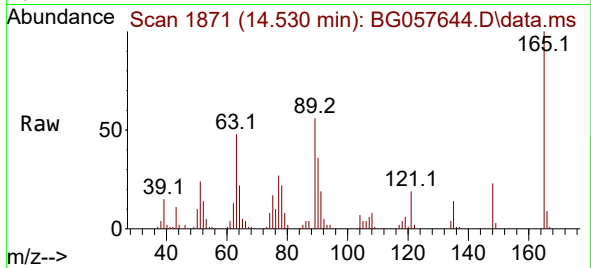




#51
2,6-Dinitrotoluene
Concen: 50.220 ng
RT: 14.530 min Scan# 1871
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

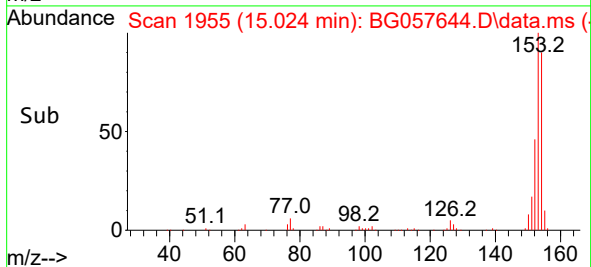
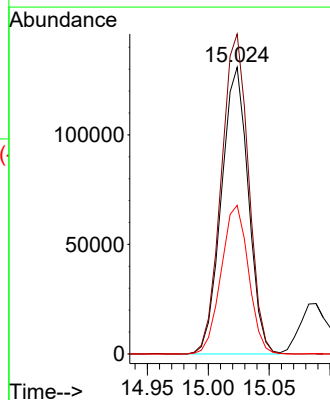
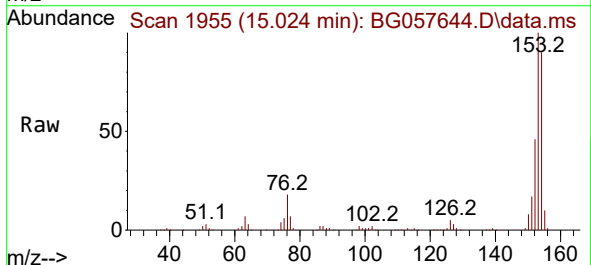
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

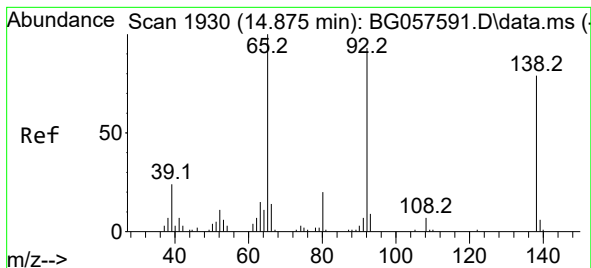
Tgt Ion:165 Resp: 63576
Ion Ratio Lower Upper
165 100
63 48.3 39.3 58.9
89 55.7 41.5 62.3



#52
Acenaphthene
Concen: 50.361 ng
RT: 15.024 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:154 Resp: 201569
Ion Ratio Lower Upper
154 100
153 111.6 87.4 131.0
152 51.8 40.2 60.4

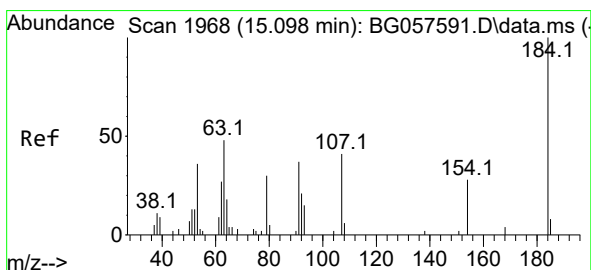
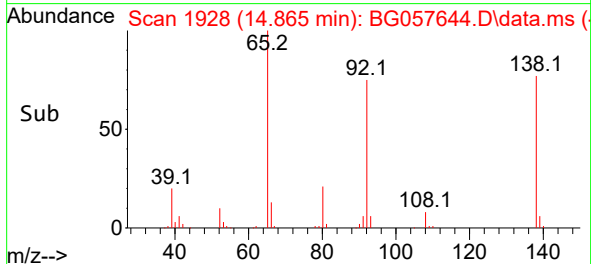
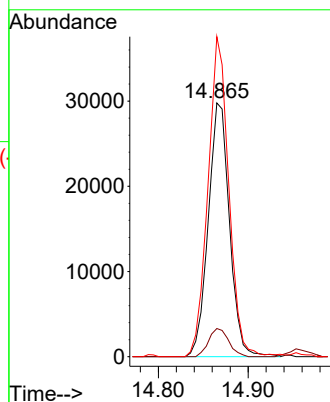
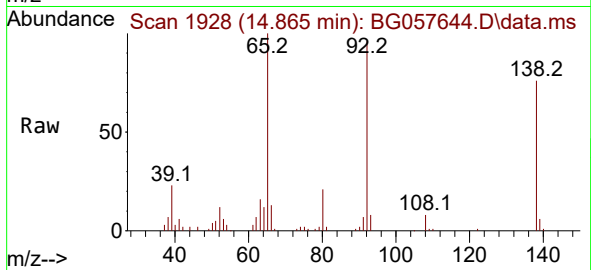




#53
3-Nitroaniline
Concen: 37.046 ng
RT: 14.865 min Scan# 1930
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

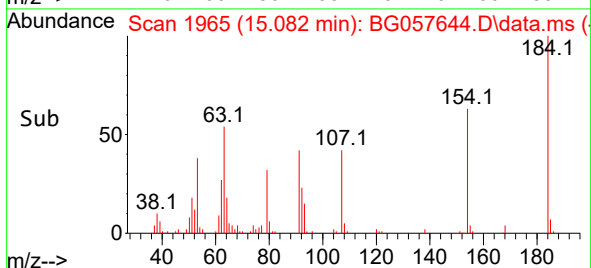
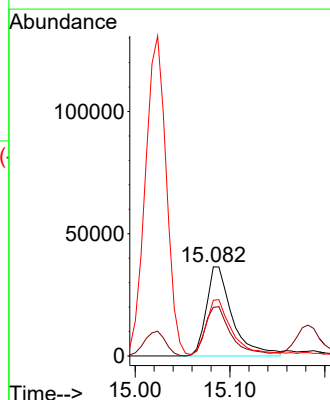
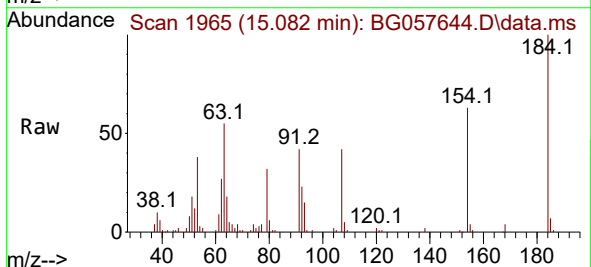
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

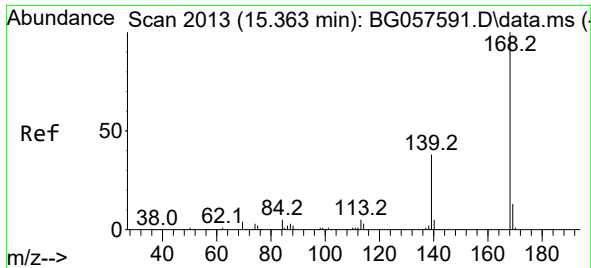
Tgt Ion:138 Resp: 48916
Ion Ratio Lower Upper
138 100
108 11.1 7.1 10.7#
92 126.1 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 89.752 ng
RT: 15.082 min Scan# 1965
Delta R.T. -0.007 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:184 Resp: 69269
Ion Ratio Lower Upper
184 100
63 54.5 41.4 62.2
154 62.6 52.5 78.7

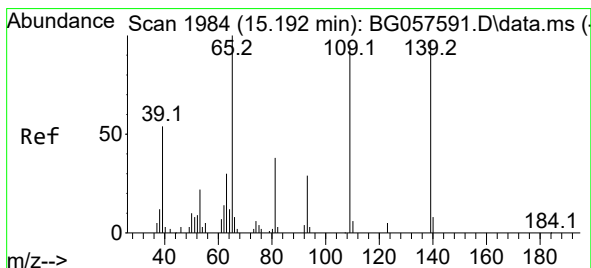
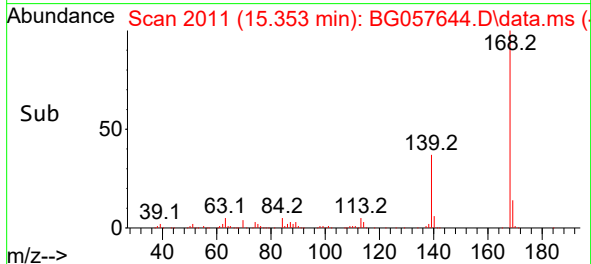
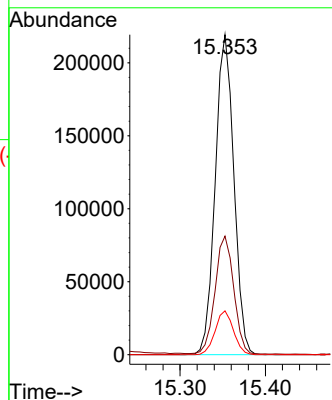
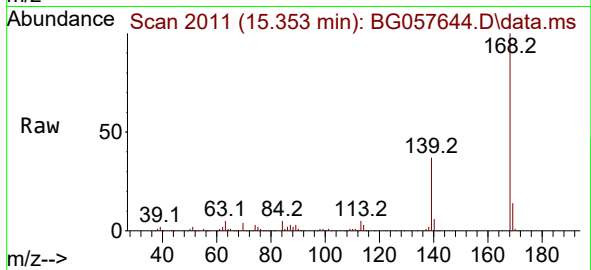




#55
Dibenzenofuran
Concen: 48.570 ng
RT: 15.353 min Scan# 2013
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

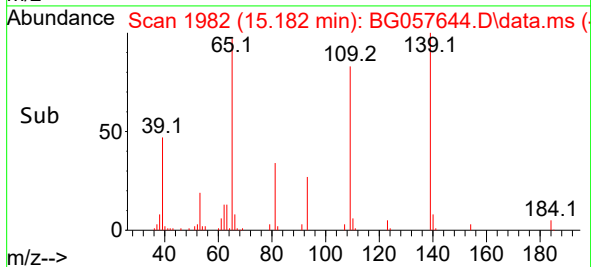
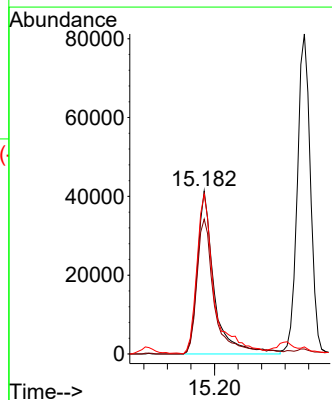
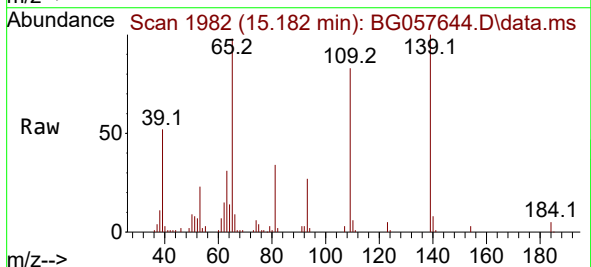
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

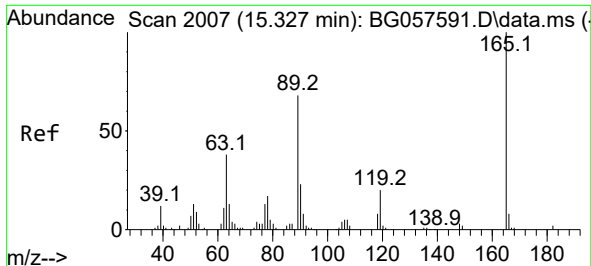
Tgt Ion:168 Resp: 332175
Ion Ratio Lower Upper
168 100
139 37.0 30.6 46.0
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 92.606 ng
RT: 15.182 min Scan# 1982
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:139 Resp: 81471
Ion Ratio Lower Upper
139 100
109 82.7 78.2 118.2
65 98.0 83.2 123.2





#57

2,4-Dinitrotoluene

Concen: 48.281 ng

RT: 15.323 min Scan# 20

Delta R.T. -0.001 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

Tgt Ion:165 Resp: 91514

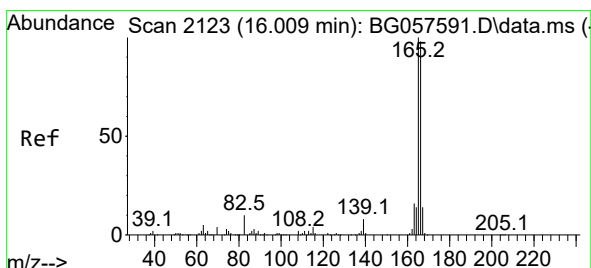
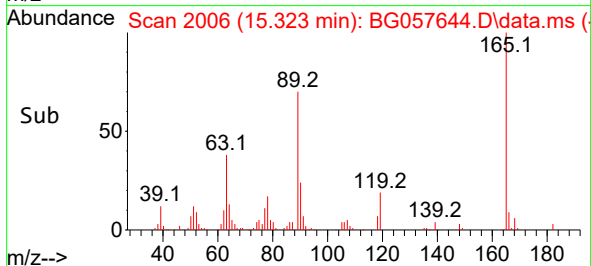
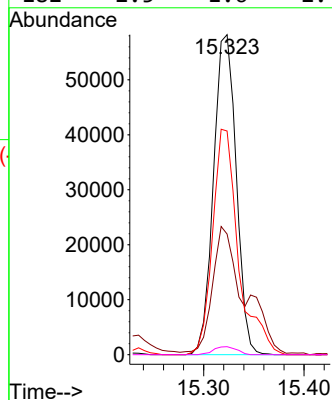
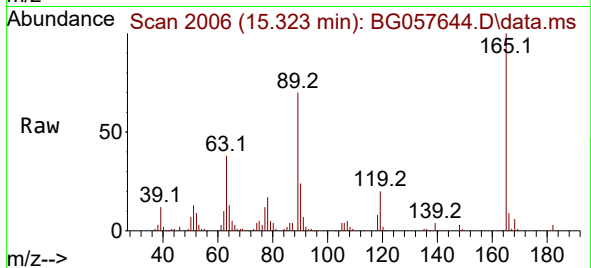
Ion Ratio Lower Upper

165 100

63 37.7 30.6 45.8

89 69.9 54.2 81.2

182 2.5 1.6 2.4#



#58

Fluorene

Concen: 48.142 ng

RT: 15.999 min Scan# 2121

Delta R.T. -0.001 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

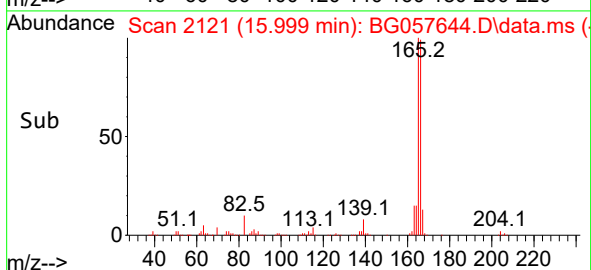
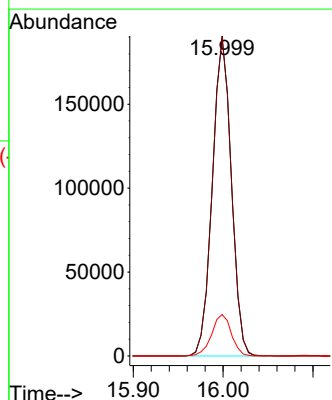
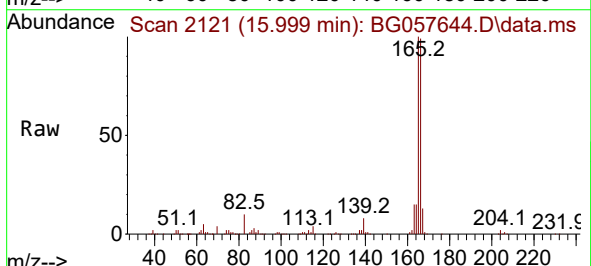
Tgt Ion:166 Resp: 277993

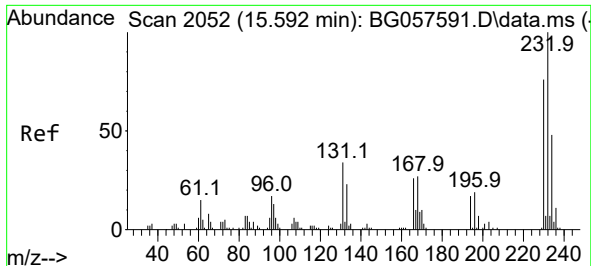
Ion Ratio Lower Upper

166 100

165 100.7 81.2 121.8

167 13.0 11.1 16.7

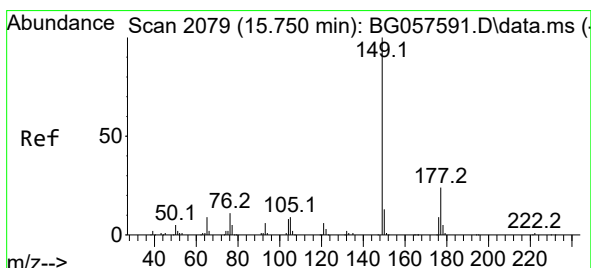
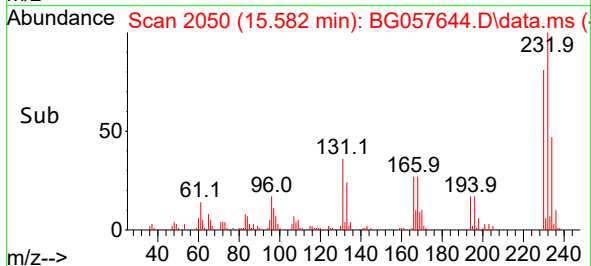
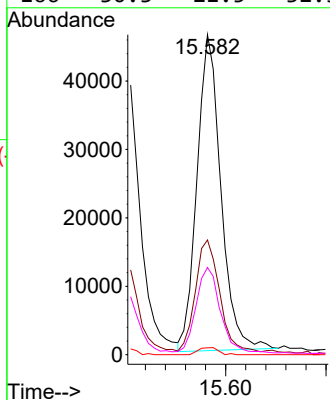
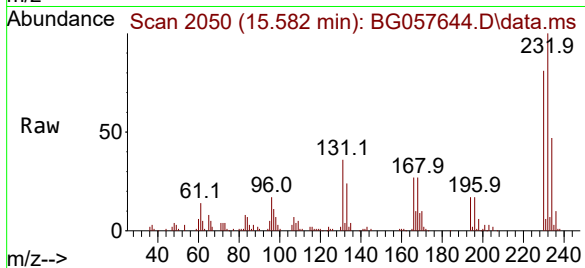




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.315 ng
RT: 15.582 min Scan# 2052
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

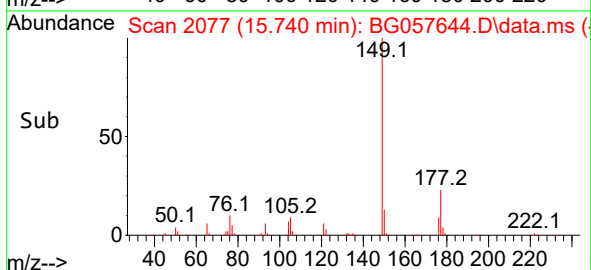
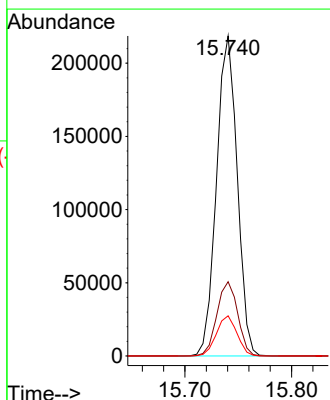
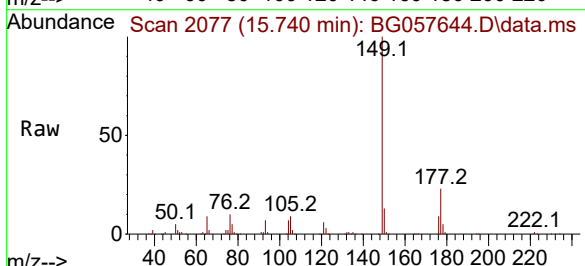
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

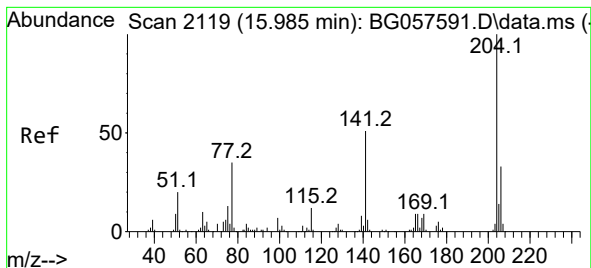
Tgt Ion:232 Resp: 76624
Ion Ratio Lower Upper
232 100
131 36.0 28.6 43.0
130 1.9 1.8 2.6
166 30.3 21.5 32.3



#60
Diethylphthalate
Concen: 47.661 ng
RT: 15.740 min Scan# 2077
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:149 Resp: 294190
Ion Ratio Lower Upper
149 100
177 23.2 19.0 28.6
150 12.6 10.1 15.1

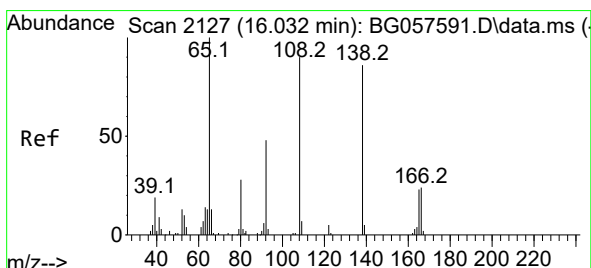
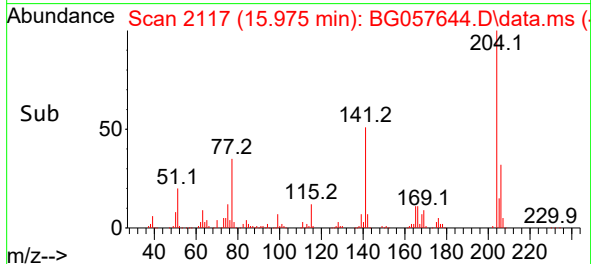
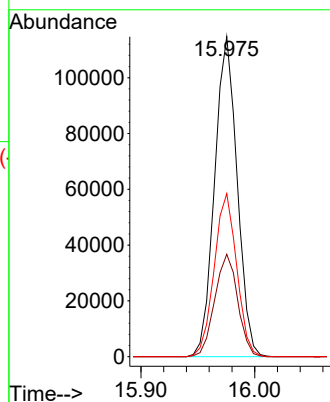
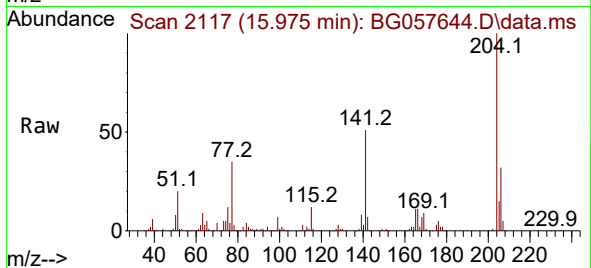




#61
4-Chlorophenyl-phenylether
Concen: 49.079 ng
RT: 15.975 min Scan# 2117
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

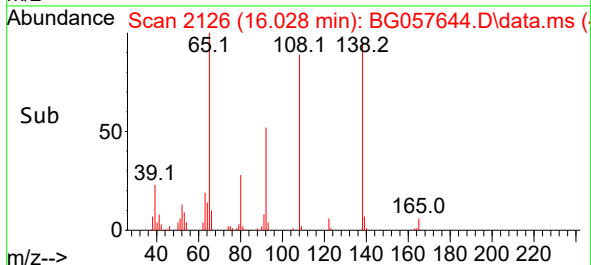
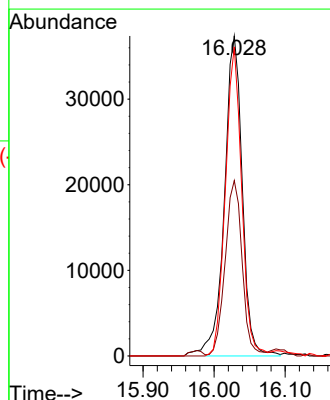
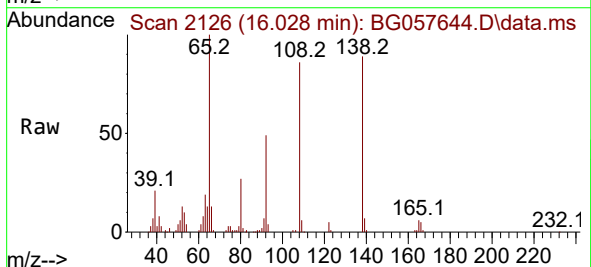
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

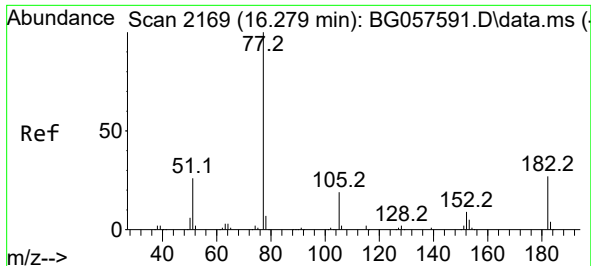
Tgt Ion:204 Resp: 157944
Ion Ratio Lower Upper
204 100
206 32.0 26.6 39.8
141 51.0 40.8 61.2



#62
4-Nitroaniline
Concen: 45.836 ng
RT: 16.028 min Scan# 2126
Delta R.T. 0.005 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:138 Resp: 65287
Ion Ratio Lower Upper
138 100
92 54.8 36.4 76.4
108 96.6 85.4 125.4

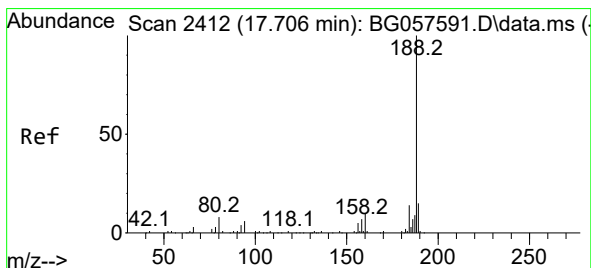
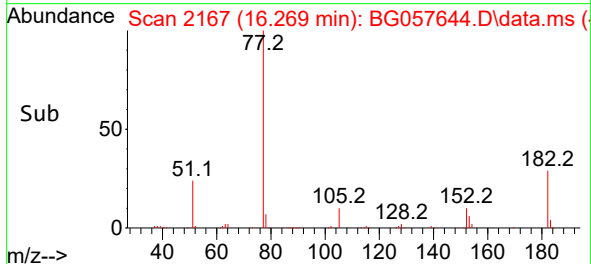
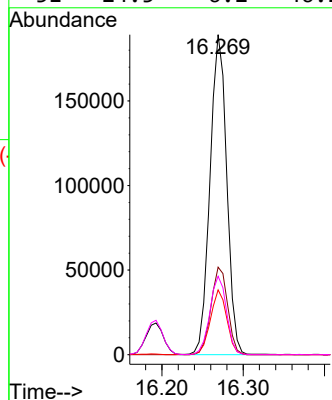
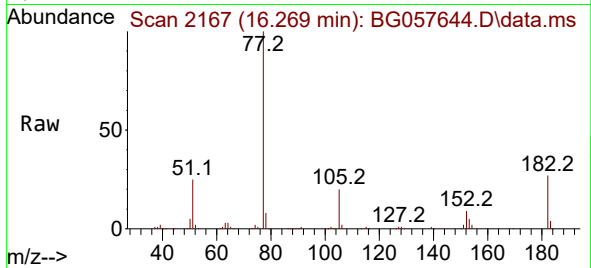




#63
Azobenzene
Concen: 49.251 ng
RT: 16.269 min Scan# 2169
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

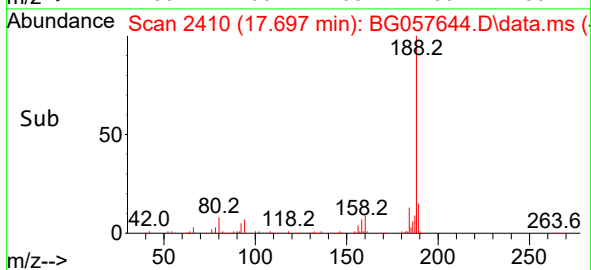
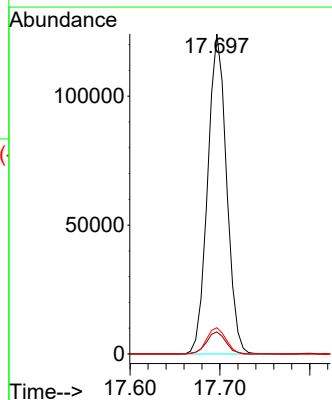
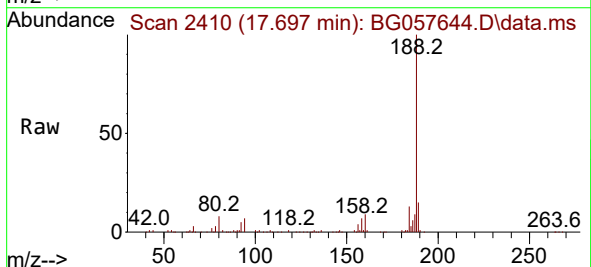
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

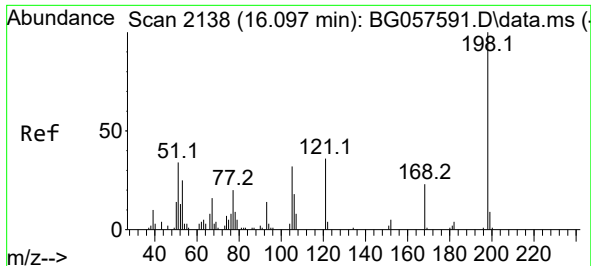
Tgt Ion: 77 Resp: 270359
Ion Ratio Lower Upper
77 100
182 27.3 7.4 47.4
105 20.3 0.0 39.4
51 24.5 6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.697 min Scan# 2410
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:188 Resp: 181270
Ion Ratio Lower Upper
188 100
94 6.9 5.2 7.8
80 8.2 6.7 10.1

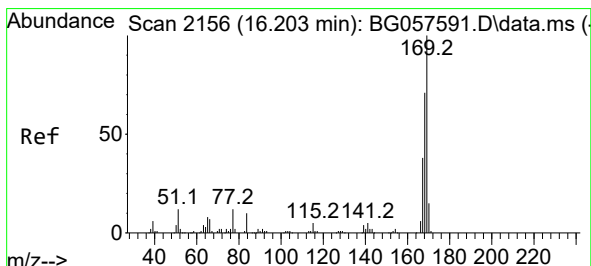
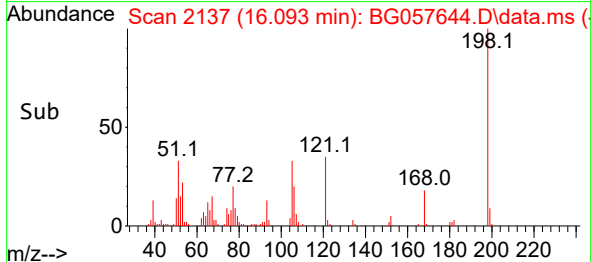
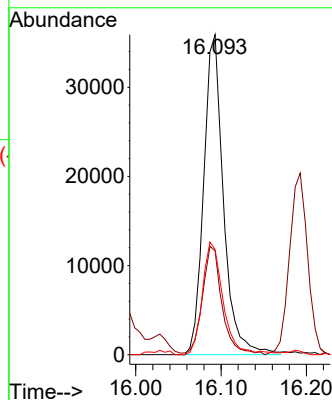
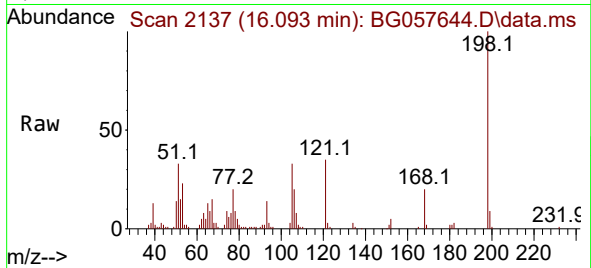




#65
4,6-Dinitro-2-methylphenol
Concen: 52.408 ng
RT: 16.093 min Scan# 2138
Delta R.T. 0.005 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

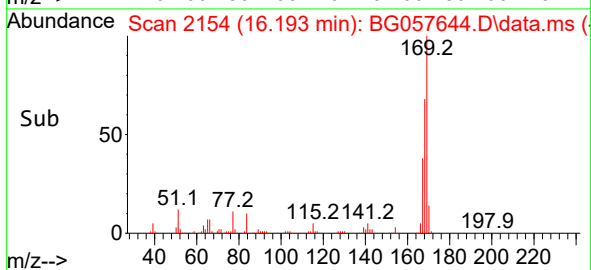
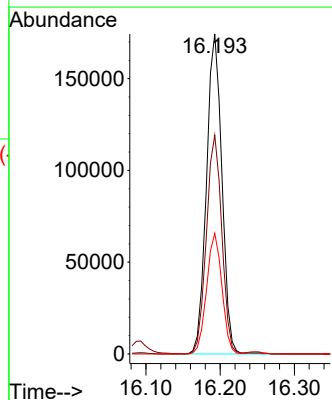
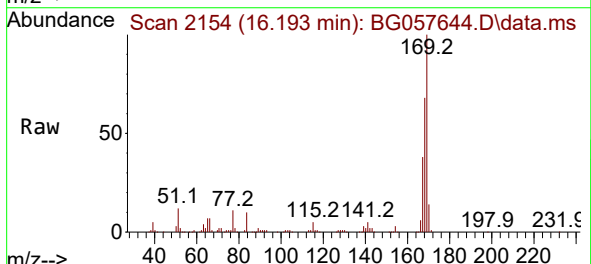
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

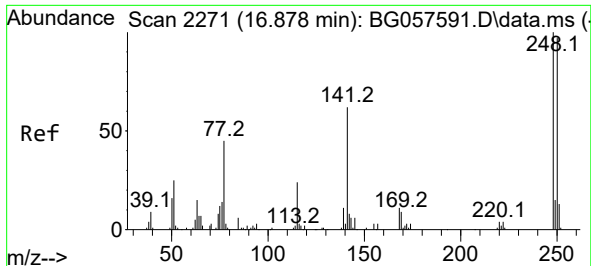
Tgt Ion:198 Resp: 57844
Ion Ratio Lower Upper
198 100
51 32.5 14.9 54.9
105 32.9 11.8 51.8



#66
n-Nitrosodiphenylamine
Concen: 53.311 ng
RT: 16.193 min Scan# 2154
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:169 Resp: 251173
Ion Ratio Lower Upper
169 100
168 68.4 56.7 85.1
167 37.7 30.7 46.1

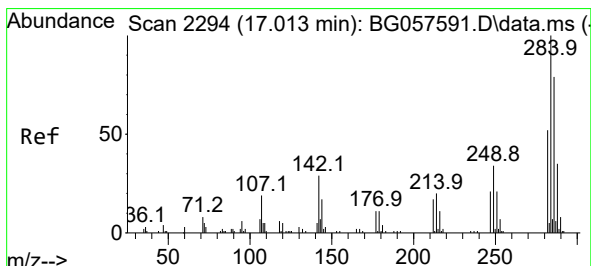
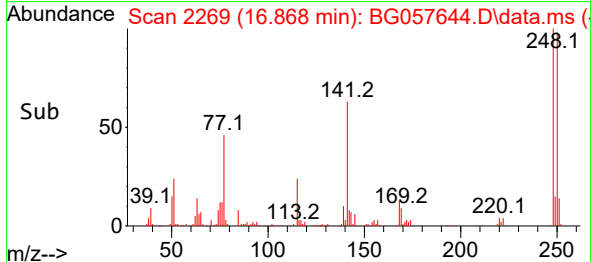
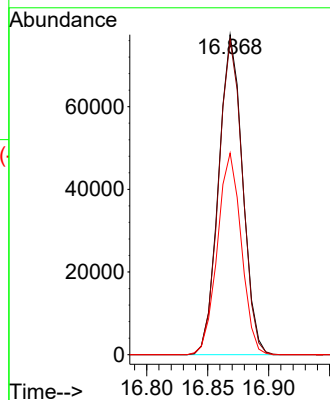
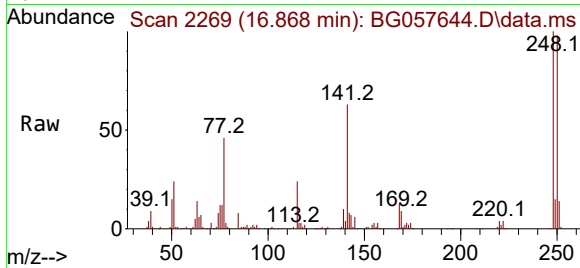




#67
4-Bromophenyl-phenylether
Concen: 51.984 ng
RT: 16.868 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

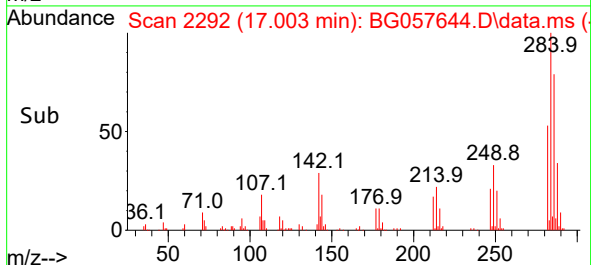
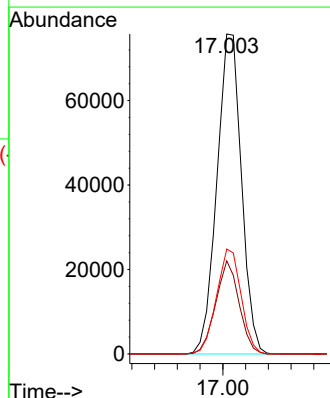
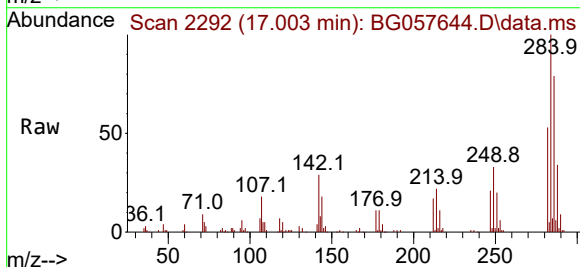
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

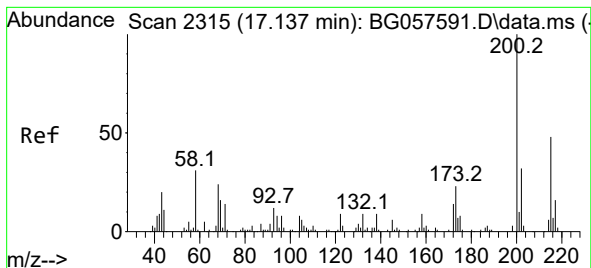
Tgt Ion:248 Resp: 105703
Ion Ratio Lower Upper
248 100
250 98.4 77.4 116.2
141 63.0 49.4 74.0



#68
Hexachlorobenzene
Concen: 54.249 ng
RT: 17.003 min Scan# 2292
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:284 Resp: 113705
Ion Ratio Lower Upper
284 100
142 29.1 22.9 34.3
249 32.8 27.0 40.4





#69

Atrazine

Concen: 54.289 ng

RT: 17.127 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

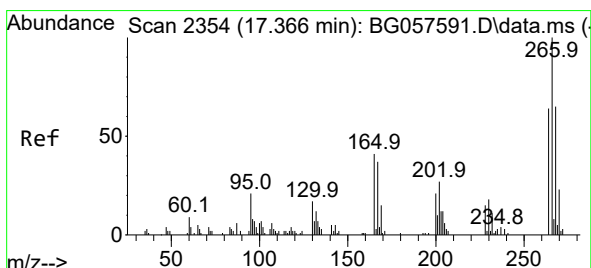
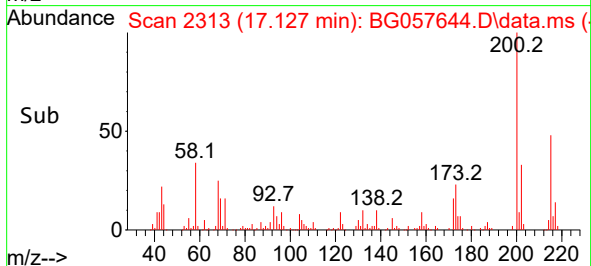
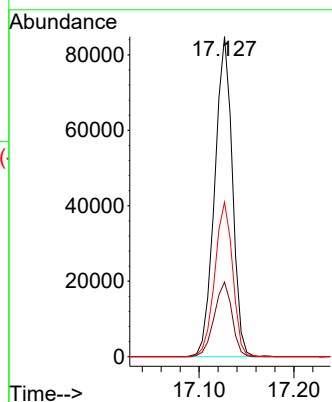
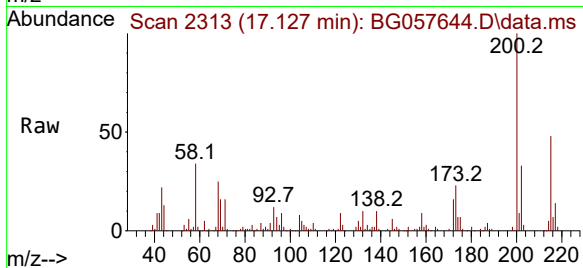
Tgt Ion:200 Resp: 109815

Ion Ratio Lower Upper

200 100

173 23.3 3.2 43.2

215 48.3 28.4 68.4



#70

Pentachlorophenol

Concen: 86.907 ng

RT: 17.356 min Scan# 2352

Delta R.T. -0.001 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

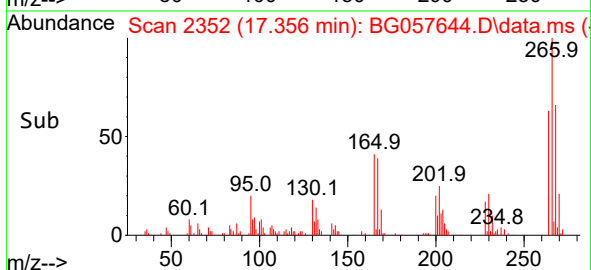
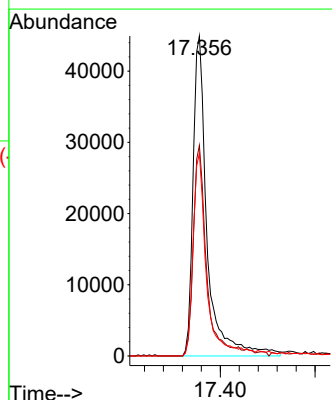
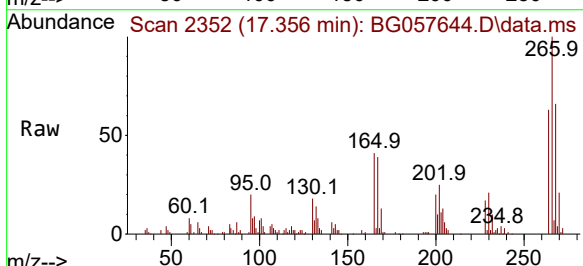
Tgt Ion:266 Resp: 92815

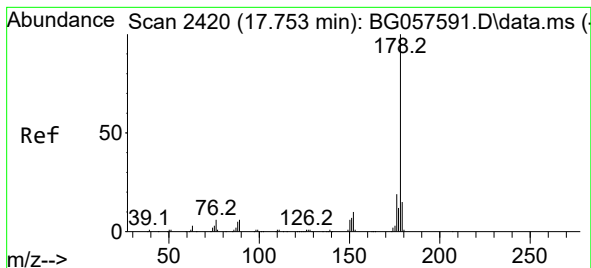
Ion Ratio Lower Upper

266 100

268 65.8 52.2 78.4

264 63.3 51.2 76.8





#71

Phenanthrene

Concen: 50.625 ng

RT: 17.738 min Scan# 2417

Delta R.T. -0.007 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

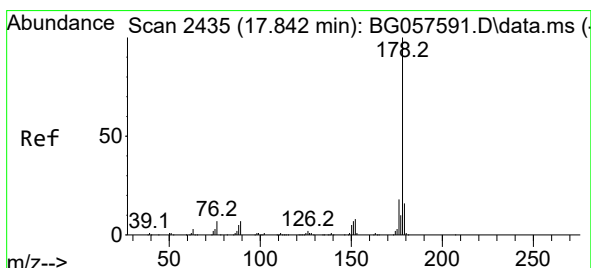
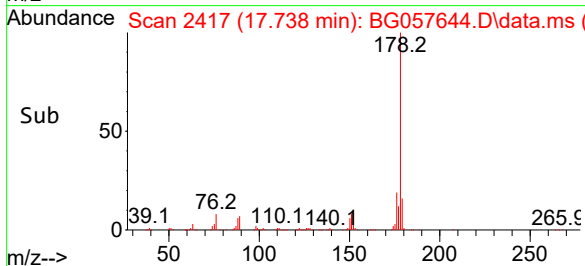
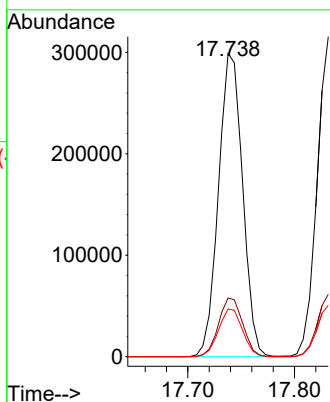
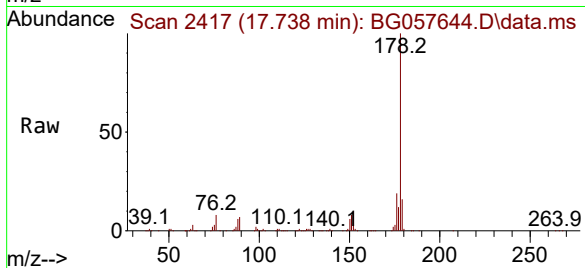
Tgt Ion:178 Resp: 469611

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.7 12.0 18.0



#72

Anthracene

Concen: 50.135 ng

RT: 17.832 min Scan# 2433

Delta R.T. -0.001 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

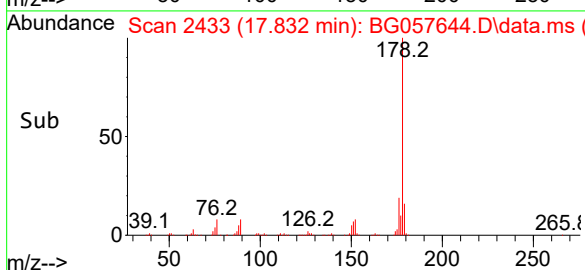
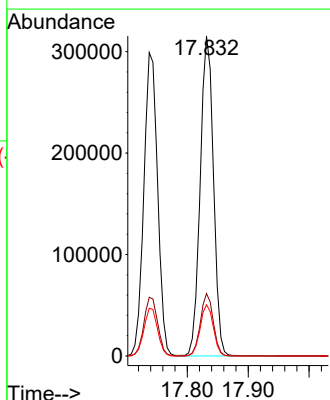
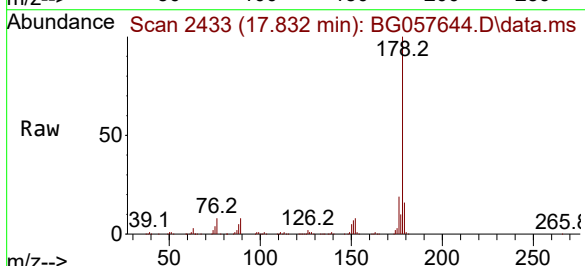
Tgt Ion:178 Resp: 477095

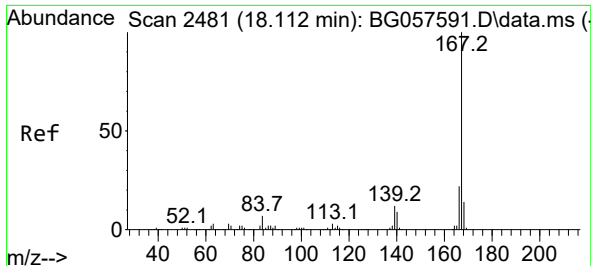
Ion Ratio Lower Upper

178 100

176 19.5 14.6 22.0

179 16.0 12.6 18.8

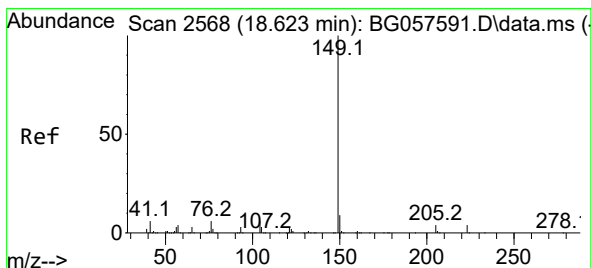
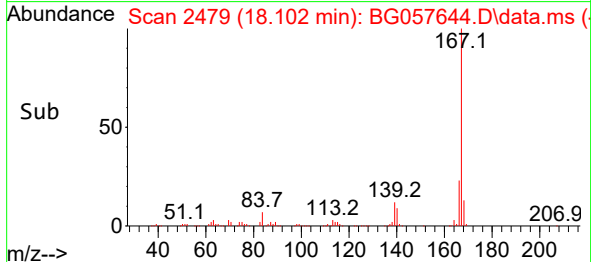
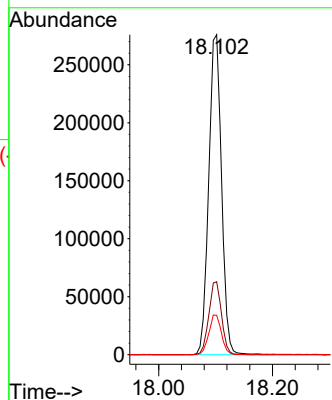
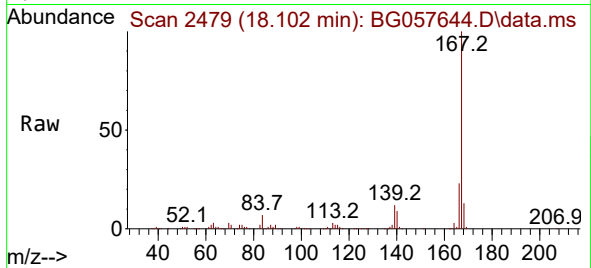




#73
Carbazole
Concen: 50.397 ng
RT: 18.102 min Scan# 24
Delta R.T. 0.005 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

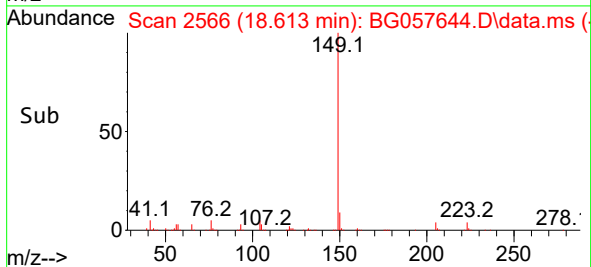
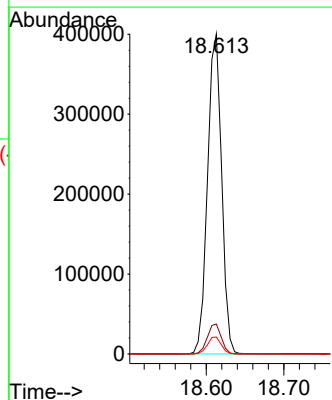
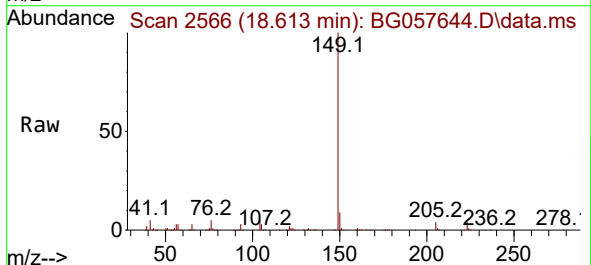
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

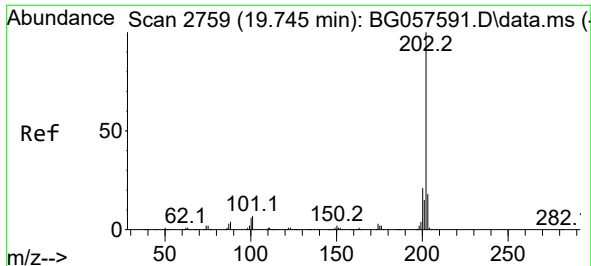
Tgt Ion:167 Resp: 429034
Ion Ratio Lower Upper
167 100
166 22.8 17.9 26.9
139 12.3 9.6 14.4



#74
Di-n-butylphthalate
Concen: 49.910 ng
RT: 18.613 min Scan# 2566
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:149 Resp: 504393
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 5.3 4.6 6.8

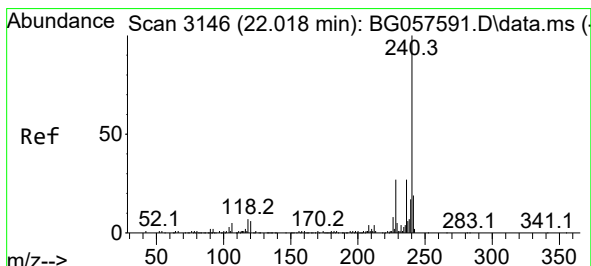
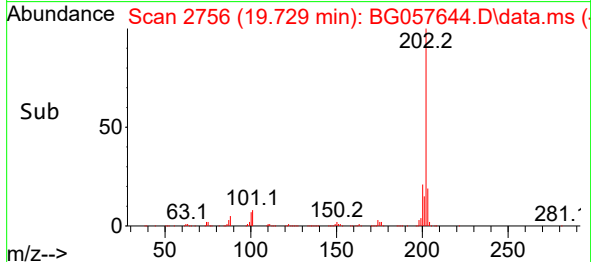
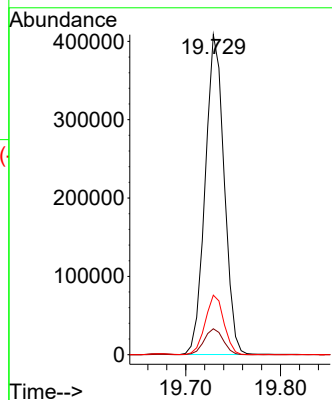
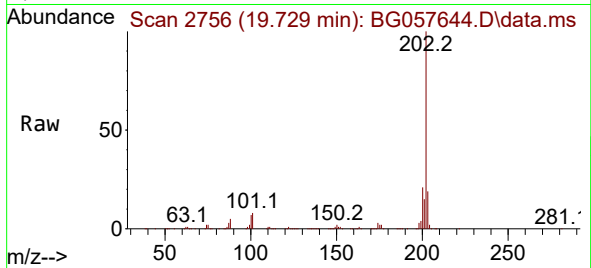




#75
Fluoranthene
Concen: 47.036 ng
RT: 19.729 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

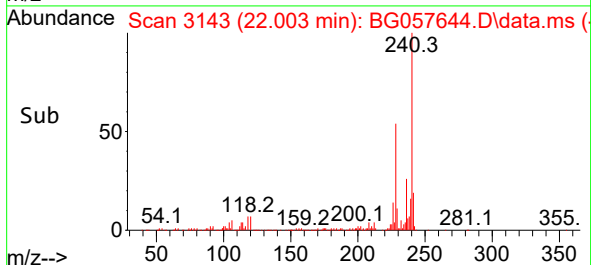
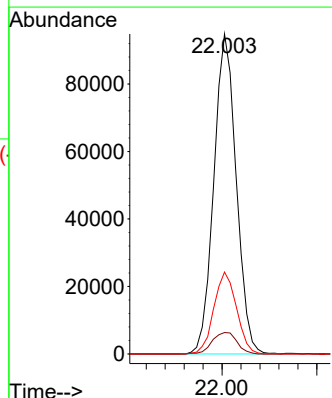
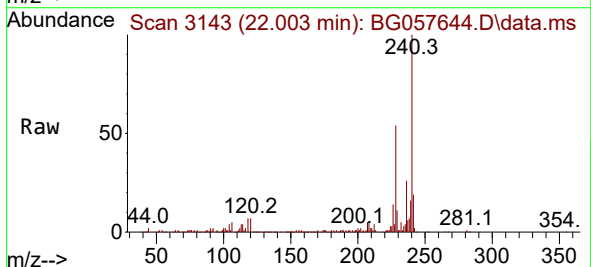
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

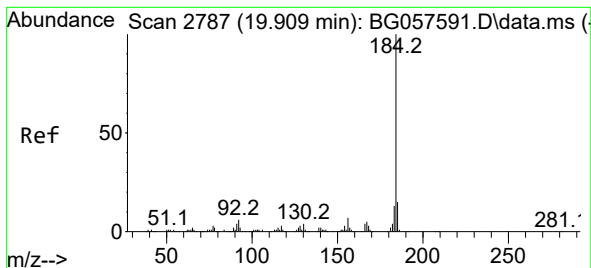
Tgt Ion:202 Resp: 566431
Ion Ratio Lower Upper
202 100
101 8.1 0.0 27.5
203 18.6 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.003 min Scan# 3143
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:240 Resp: 155501
Ion Ratio Lower Upper
240 100
120 6.7 5.2 7.8
236 25.6 21.4 32.0





#77

Benzidine

Concen: 70.177 ng

RT: 19.899 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

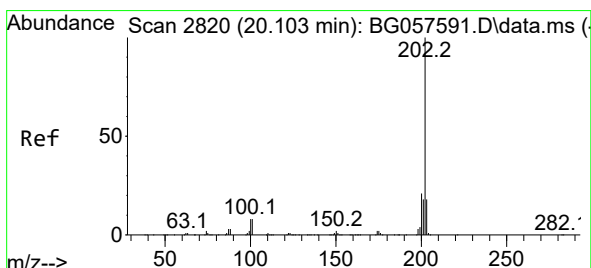
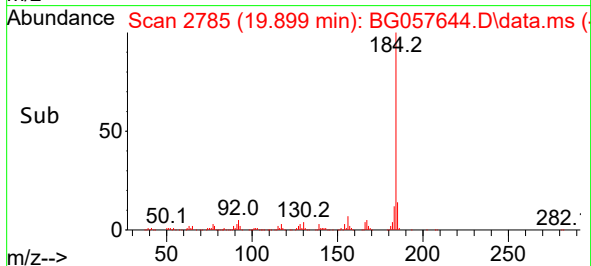
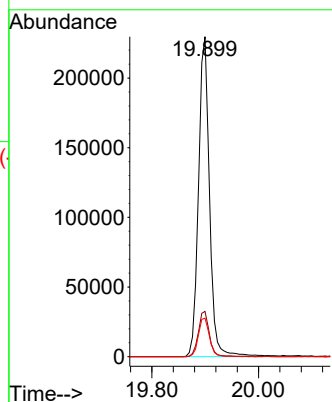
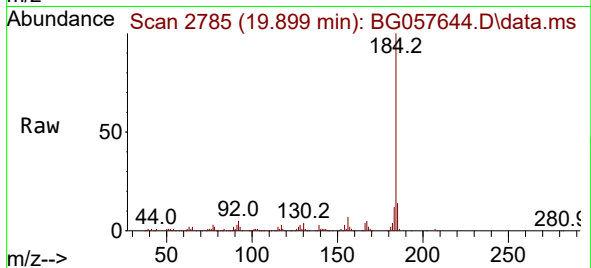
Tgt Ion:184 Resp: 330218

Ion Ratio Lower Upper

184 100

185 14.1 12.0 18.0

183 12.1 10.0 15.0



#78

Pyrene

Concen: 51.620 ng

RT: 20.093 min Scan# 2818

Delta R.T. -0.001 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

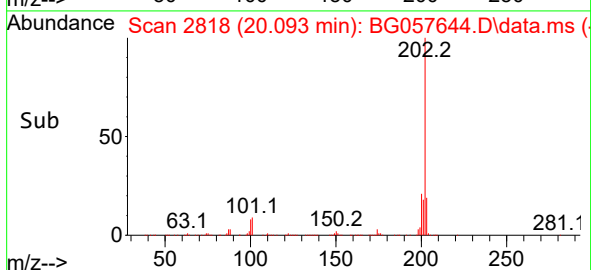
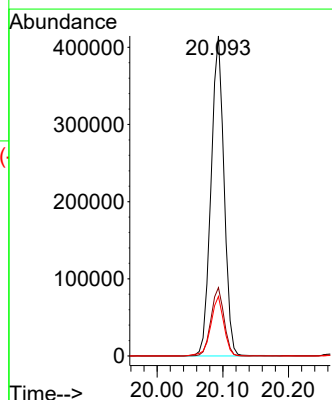
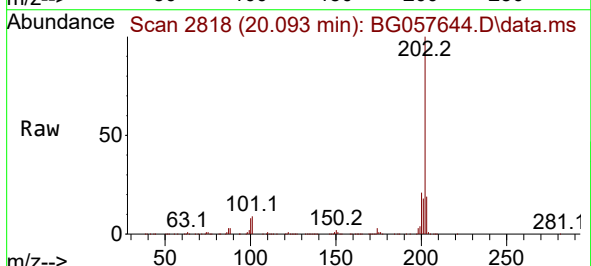
Tgt Ion:202 Resp: 571540

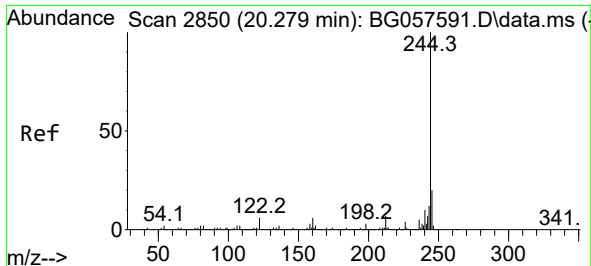
Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

203 18.6 14.5 21.7

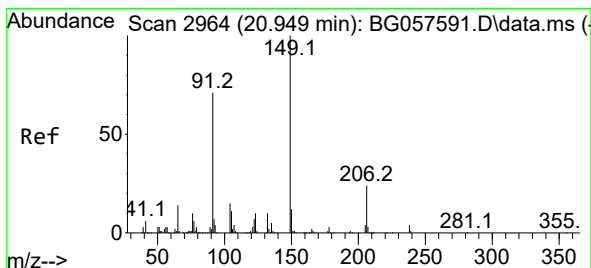
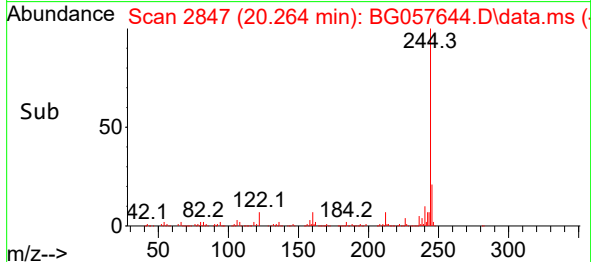
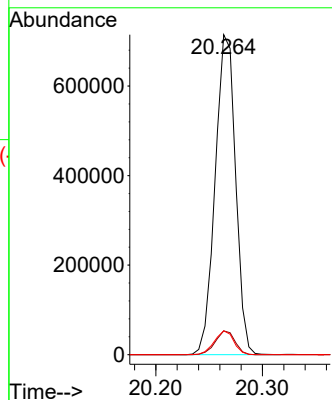
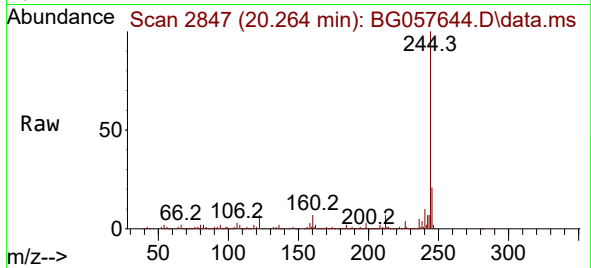




#79
 Terphenyl-d14
 Concen: 105.754 ng
 RT: 20.264 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG057644.D
 Acq: 6 Jun 2023 19:35

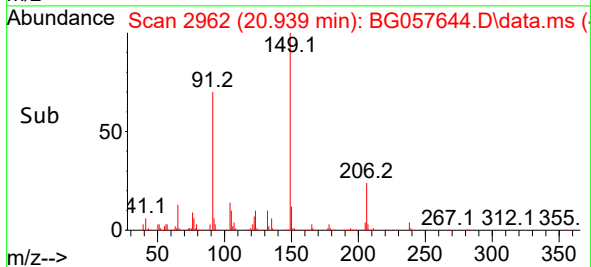
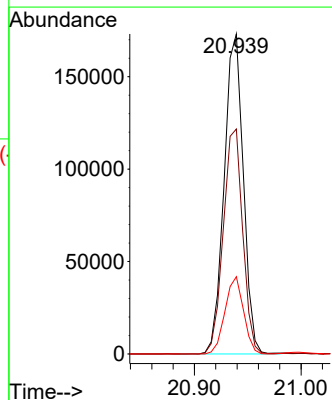
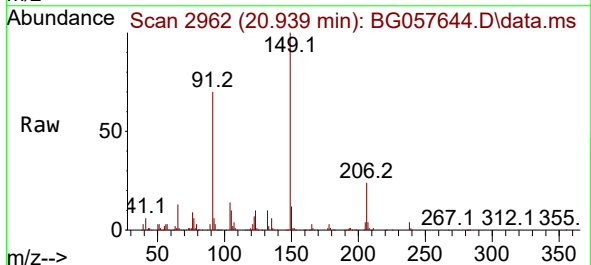
Instrument :
 BNA_G
 ClientSampleId :
 PB153157BSD

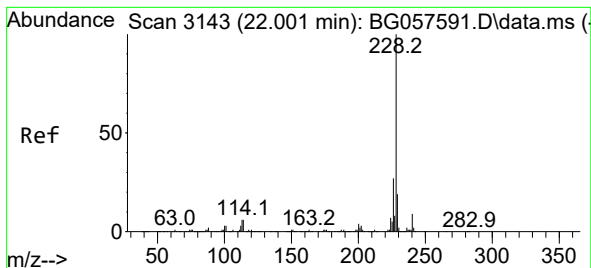
Tgt Ion:244 Resp: 949349
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 7.5 4.8 7.2#



#80
 Butylbenzylphthalate
 Concen: 53.596 ng
 RT: 20.939 min Scan# 2962
 Delta R.T. -0.001 min
 Lab File: BG057644.D
 Acq: 6 Jun 2023 19:35

Tgt Ion:149 Resp: 216119
 Ion Ratio Lower Upper
 149 100
 91 70.3 57.0 85.6
 206 24.2 19.4 29.2





#81

Benzo(a)anthracene

Concen: 51.990 ng

RT: 21.979 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

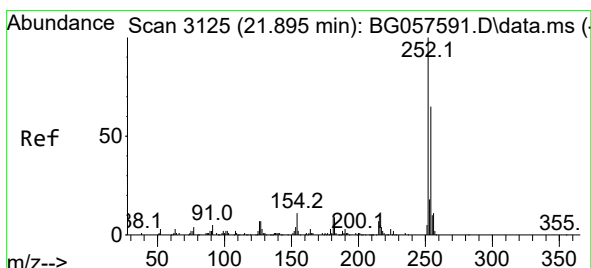
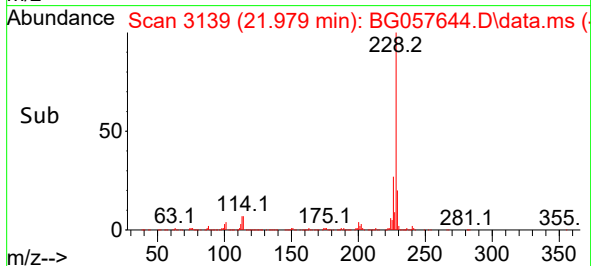
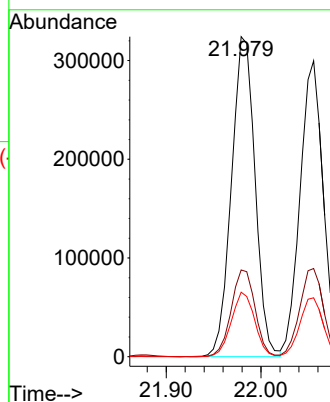
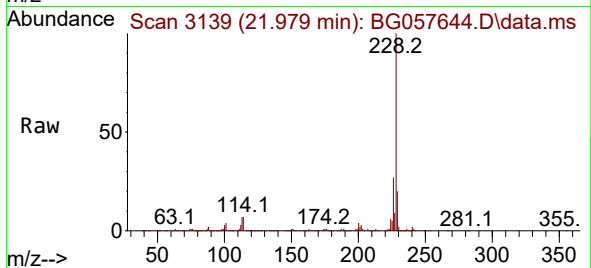
Tgt Ion:228 Resp: 560870

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.0

229 20.2 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 40.503 ng

RT: 21.879 min Scan# 3122

Delta R.T. 0.005 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

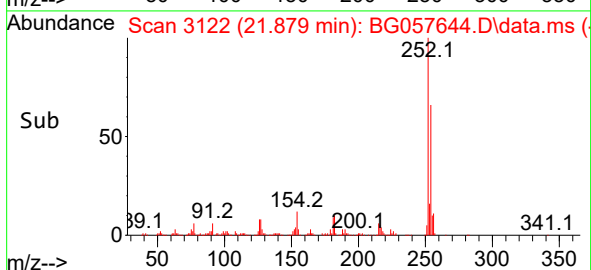
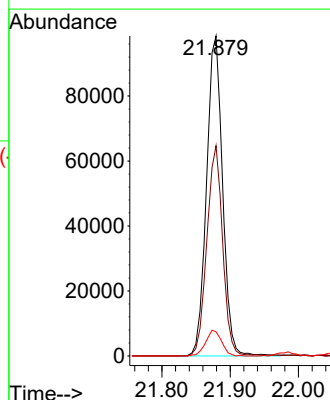
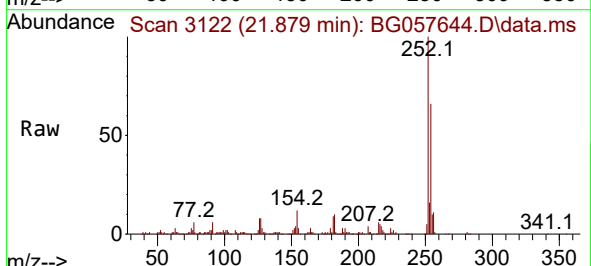
Tgt Ion:252 Resp: 161133

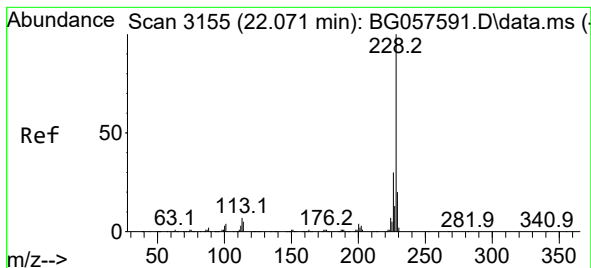
Ion Ratio Lower Upper

252 100

254 65.7 51.8 77.8

126 7.6 5.4 8.2





#83

Chrysene

Concen: 49.939 ng

RT: 22.055 min Scan# 3112

Delta R.T. -0.001 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

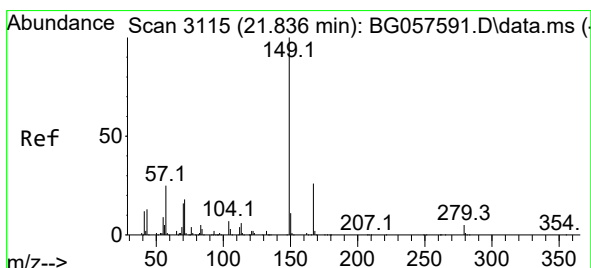
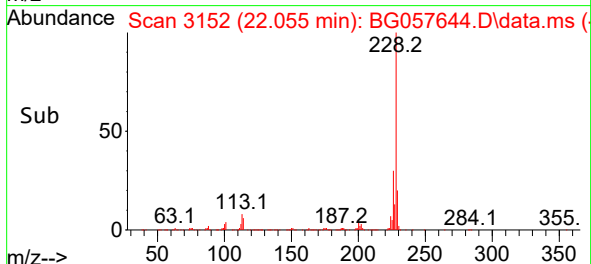
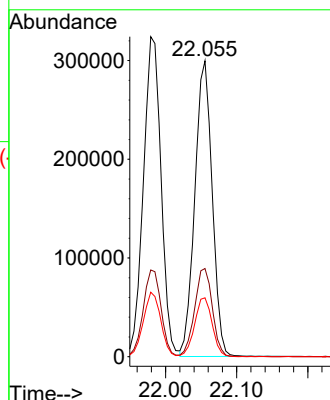
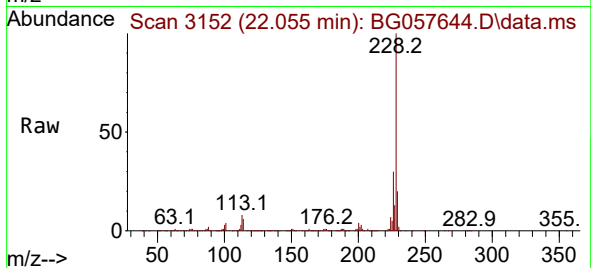
Tgt Ion:228 Resp: 509121

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.229 ng

RT: 21.820 min Scan# 3112

Delta R.T. -0.001 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

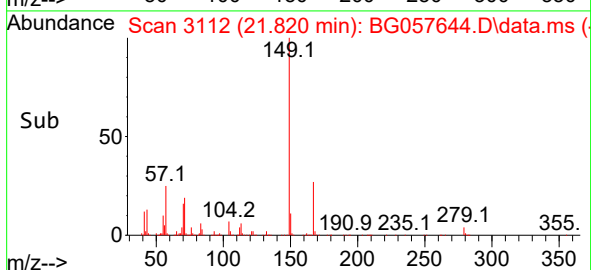
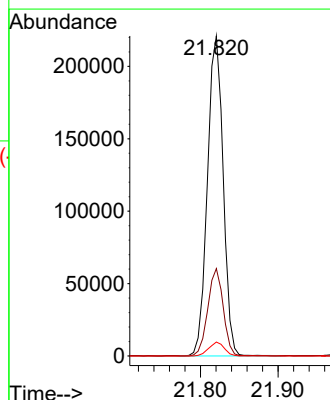
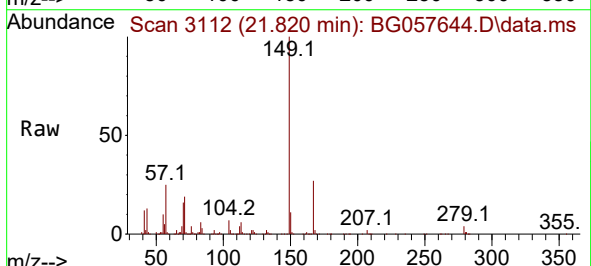
Tgt Ion:149 Resp: 311922

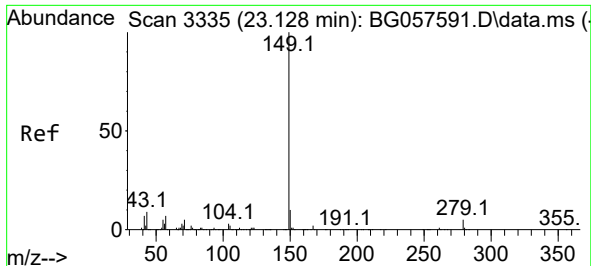
Ion Ratio Lower Upper

149 100

167 27.3 20.6 31.0

279 4.3 3.6 5.4

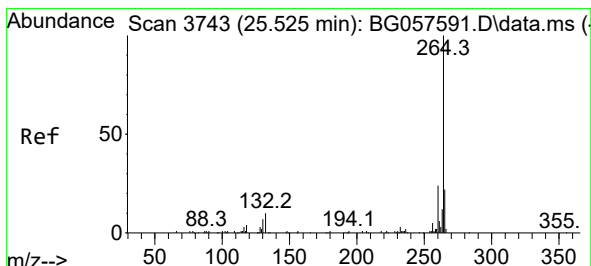
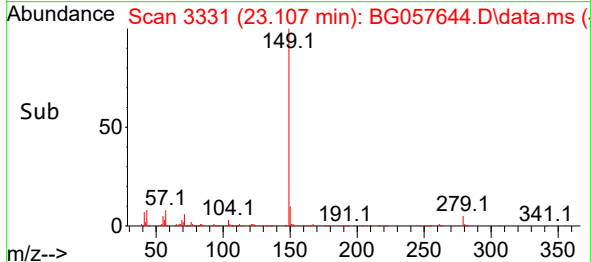
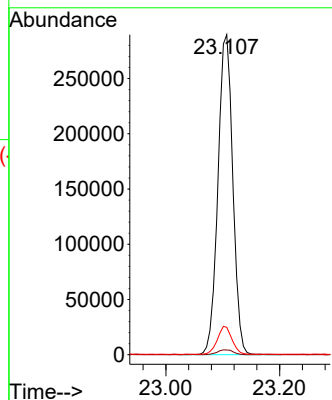
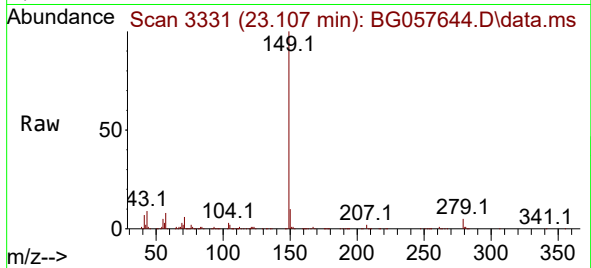




#85
Di-n-octyl phthalate
Concen: 55.090 ng
RT: 23.107 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

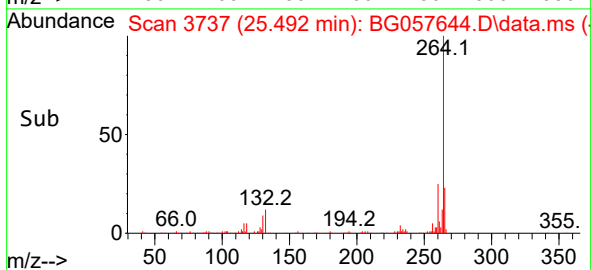
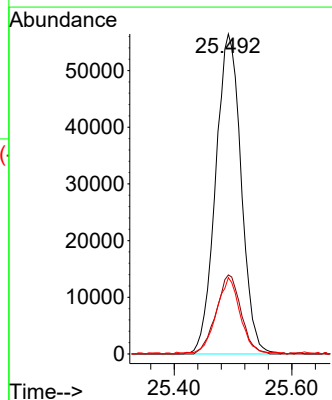
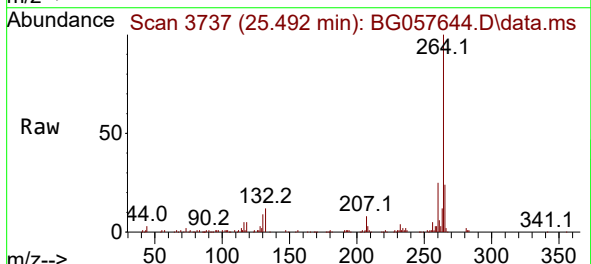
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

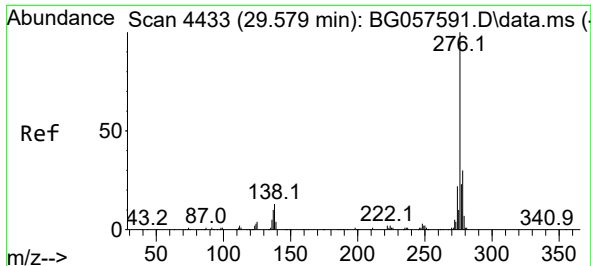
Tgt Ion:149 Resp: 525229
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 7.0 10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.492 min Scan# 3737
Delta R.T. -0.007 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:264 Resp: 169476
Ion Ratio Lower Upper
264 100
260 24.7 19.1 28.7
265 23.8 17.7 26.5

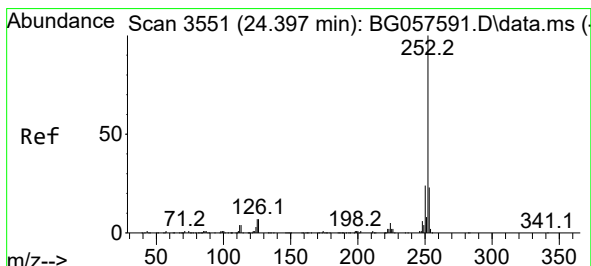
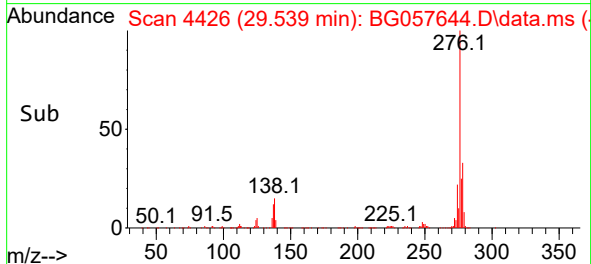
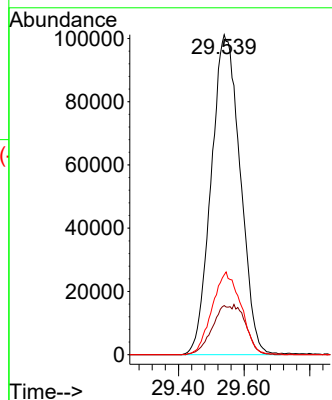
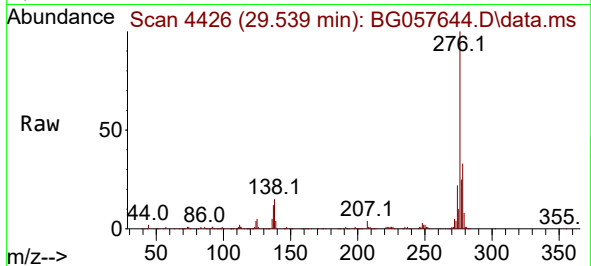




#87
Indeno(1,2,3-cd)pyrene
Concen: 52.440 ng
RT: 29.539 min Scan# 4433
Delta R.T. -0.013 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

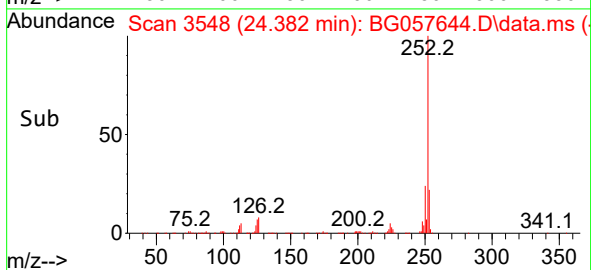
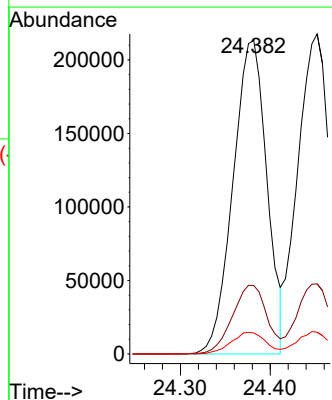
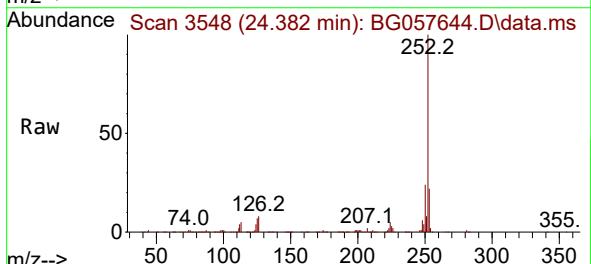
Instrument :
BNA_G
ClientSampleId :
PB153157BSD

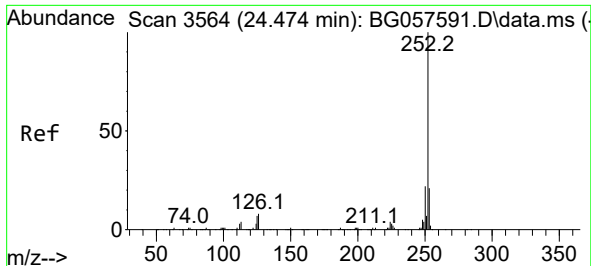
Tgt Ion:276 Resp: 619634
Ion Ratio Lower Upper
276 100
138 8.7 12.3 18.5#
277 25.7 20.5 30.7



#88
Benzo(b)fluoranthene
Concen: 53.513 ng
RT: 24.382 min Scan# 3548
Delta R.T. 0.005 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:252 Resp: 558237
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 6.7 5.2 7.8





#89

Benzo(k)fluoranthene

Concen: 52.444 ng

RT: 24.452 min Scan# 3

Delta R.T. 0.005 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

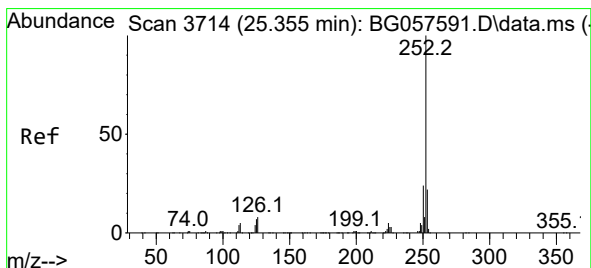
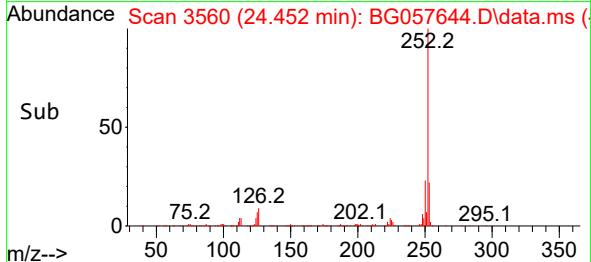
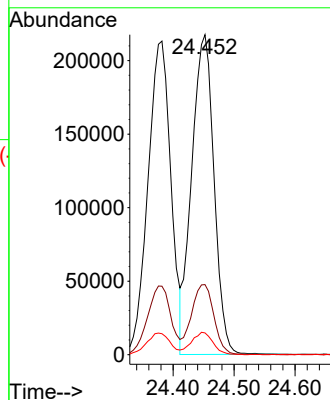
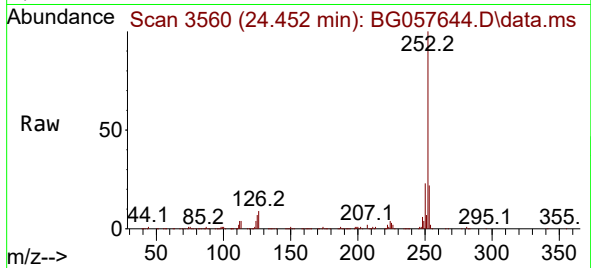
Tgt Ion:252 Resp: 552131

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 6.8 5.1 7.7



#90

Benzo(a)pyrene

Concen: 48.880 ng

RT: 25.333 min Scan# 3710

Delta R.T. 0.005 min

Lab File: BG057644.D

Acq: 6 Jun 2023 19:35

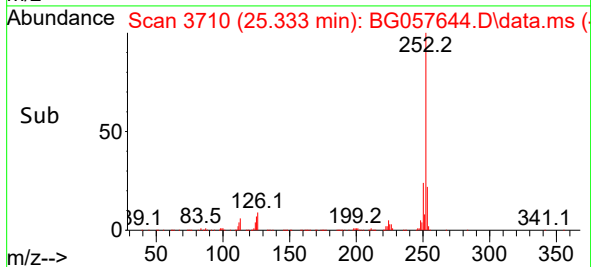
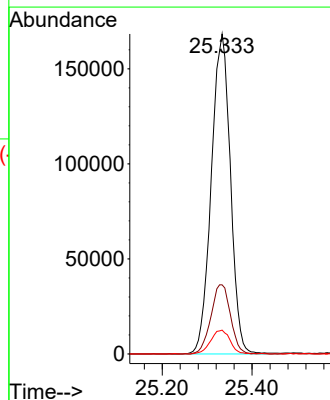
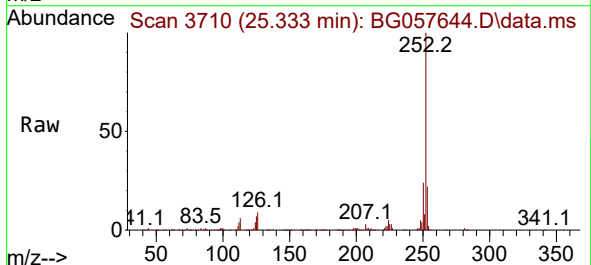
Tgt Ion:252 Resp: 497267

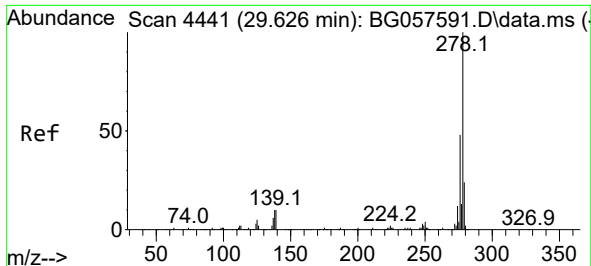
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 7.4 5.3 7.9

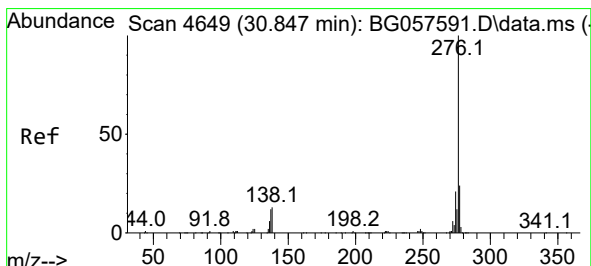
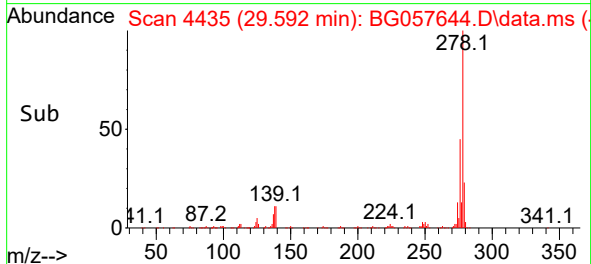
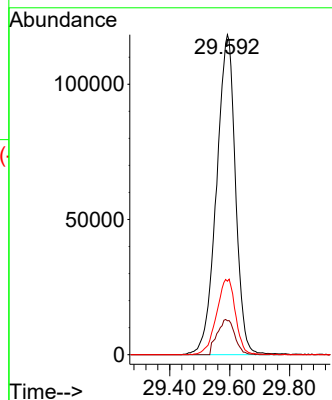
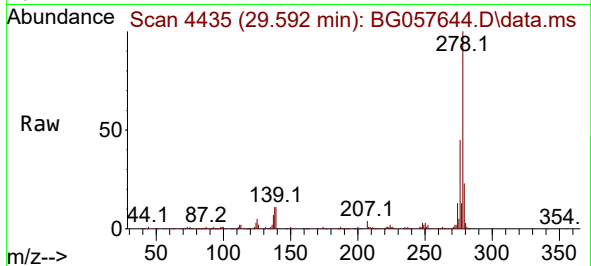




#91
Dibenzo(a,h)anthracene
Concen: 52.874 ng
RT: 29.592 min Scan# 4441
Delta R.T. -0.001 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Instrument :
BNA_G
ClientSampleId :
PB153157BSD

Tgt Ion:278 Resp: 519955
Ion Ratio Lower Upper
278 100
139 10.6 7.8 11.8
279 23.0 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 52.438 ng
RT: 30.814 min Scan# 4643
Delta R.T. 0.005 min
Lab File: BG057644.D
Acq: 6 Jun 2023 19:35

Tgt Ion:276 Resp: 502906
Ion Ratio Lower Upper
276 100
277 24.8 18.9 28.3
138 14.7 10.2 15.4

