

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040723\
 Data File : BG057024.D
 Acq On : 7 Apr 2023 13:11
 Operator : CG/JU
 Sample : PB151961BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151961BS

Quant Time: Apr 08 04:48:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	14496	20.000	ng	0.00
21) Naphthalene-d8	11.250	136	61526	20.000	ng	0.00
39) Acenaphthene-d10	15.022	164	49253	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	120537	20.000	ng	0.00
76) Chrysene-d12	22.089	240	103612	20.000	ng	0.00
86) Perylene-d12	25.631	264	107642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.916	112	106515	117.599	ng	0.00
7) Phenol-d6	7.543	99	154514	114.061	ng	0.00
23) Nitrobenzene-d5	9.588	82	94977	63.164	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	84088	106.869	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	237252	65.319	ng	0.00
79) Terphenyl-d14	20.332	244	440161	71.886	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.719	88	13730	34.580	ng	96
3) Pyridine	4.136	79	36759	28.744	ng	96
4) n-Nitrosodimethylamine	4.048	42	21033	35.772	ng	100
6) Aniline	7.720	93	60706	35.054	ng	96
8) 2-Chlorophenol	7.966	128	44777	49.632	ng	93
9) Benzaldehyde	7.526	77	31522	37.099	ng	93
10) Phenol	7.573	94	64428	47.999	ng	96
11) bis(2-Chloroethyl)ether	7.808	93	40932	42.809	ng	92
12) 1,3-Dichlorobenzene	8.295	146	44511	44.651	ng	97
13) 1,4-Dichlorobenzene	8.442	146	46386	46.105	ng	99
14) 1,2-Dichlorobenzene	8.771	146	44482	45.763	ng	95
15) Benzyl Alcohol	8.642	79	49787	44.231	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.930	45	48834	42.379	ng	97
17) 2-Methylphenol	8.842	107	43663	45.594	ng	93
18) Hexachloroethane	9.511	117	16921	46.015	ng	# 79
19) n-Nitroso-di-n-propyla...	9.212	70	39052	40.304	ng	98
20) 3+4-Methylphenols	9.171	107	59311	44.292	ng	93
22) Acetophenone	9.235	105	73880	40.354	ng	98
24) Nitrobenzene	9.629	77	61080	39.731	ng	95
25) Isophorone	10.152	82	108313	37.827	ng	98
26) 2-Nitrophenol	10.351	139	25634	43.200	ng	86
27) 2,4-Dimethylphenol	10.387	122	47468	45.307	ng	91
28) bis(2-Chloroethoxy)met...	10.628	93	57487	40.102	ng	95
29) 2,4-Dichlorophenol	10.886	162	49294	43.749	ng	97
30) 1,2,4-Trichlorobenzene	11.109	180	52182	43.587	ng	96
31) Naphthalene	11.303	128	136540	40.715	ng	98
32) Benzoic acid	10.516	122	27533	38.258	ng	94
33) 4-Chloroaniline	11.403	127	45202	29.844	ng	95
34) Hexachlorobutadiene	11.579	225	38771	43.112	ng	96
35) Caprolactam	12.167	113	9907	25.496	ng	87
36) 4-Chloro-3-methylphenol	12.490	107	54056	42.900	ng	98
37) 2-Methylnaphthalene	12.877	142	104386	39.219	ng	98
38) 1-Methylnaphthalene	13.095	142	95639	38.267	ng	98
40) 1,2,4,5-Tetrachloroben...	13.242	216	71337	41.767	ng	98
41) Hexachlorocyclopentadiene	13.212	237	101014	107.343	ng	100
43) 2,4,6-Trichlorophenol	13.465	196	46880	43.013	ng	96

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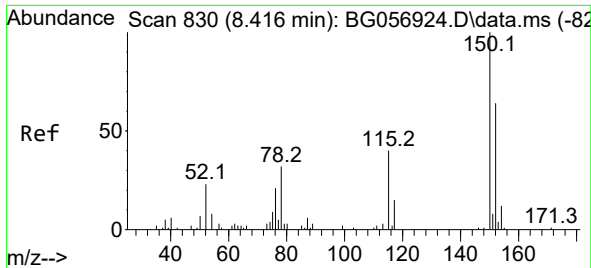
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.541	196	51596	39.961	ng	97
46) 1,1'-Biphenyl	13.864	154	152385	42.265	ng	99
47) 2-Chloronaphthalene	13.911	162	115840	43.441	ng	97
48) 2-Nitroaniline	14.105	65	38381	40.253	ng	93
49) Acenaphthylene	14.751	152	182074	41.558	ng	99
50) Dimethylphthalate	14.464	163	157045	40.467	ng	98
51) 2,6-Dinitrotoluene	14.587	165	35398	42.217	ng	92
52) Acenaphthene	15.092	154	115470	38.214	ng	96
53) 3-Nitroaniline	14.922	138	24891	29.991	ng	87
54) 2,4-Dinitrophenol	15.127	184	46893	99.360	ng	92
55) Dibenzofuran	15.421	168	184108	40.596	ng	98
56) 4-Nitrophenol	15.215	139	53699	87.498	ng	91
57) 2,4-Dinitrotoluene	15.374	165	49351	41.731	ng	95
58) Fluorene	16.067	166	154345	41.128	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.638	232	50587	43.030	ng	# 99
60) Diethylphthalate	15.809	149	159164	40.911	ng	99
61) 4-Chlorophenyl-phenyle...	16.044	204	89167	40.469	ng	98
62) 4-Nitroaniline	16.079	138	35976	41.838	ng	87
63) Azobenzene	16.337	77	153021	39.467	ng	99
65) 4,6-Dinitro-2-methylph...	16.138	198	32434	44.429	ng	99
66) n-Nitrosodiphenylamine	16.261	169	133344	41.210	ng	97
67) 4-Bromophenyl-phenylether	16.937	248	60758	40.738	ng	97
68) Hexachlorobenzene	17.072	284	66690	45.229	ng	97
69) Atrazine	17.189	200	57639	42.913	ng	93
70) Pentachlorophenol	17.412	266	79738	75.379	ng	97
71) Phenanthrene	17.806	178	252817	41.138	ng	99
72) Anthracene	17.900	178	259252	41.151	ng	100
73) Carbazole	18.164	167	228707	41.638	ng	96
74) Di-n-butylphthalate	18.681	149	261181	41.063	ng	99
75) Fluoranthene	19.792	202	303648	38.977	ng	98
77) Benzidine	19.956	184	146746	51.816	ng	98
78) Pyrene	20.156	202	302338	42.189	ng	97
80) Butylbenzylphthalate	21.013	149	107219	43.478	ng	90
81) Benzo(a)anthracene	22.065	228	293932	40.995	ng	99
82) 3,3'-Dichlorobenzidine	21.959	252	75839	31.324	ng	100
83) Chrysene	22.136	228	268991	40.068	ng	99
84) Bis(2-ethylhexyl)phtha...	21.912	149	149427	41.845	ng	97
85) Di-n-octyl phthalate	23.228	149	253013	42.045	ng	98
87) Indeno(1,2,3-cd)pyrene	29.725	276	339302	42.651	ng	98
88) Benzo(b)fluoranthene	24.491	252	303839	45.139	ng	98
89) Benzo(k)fluoranthene	24.573	252	287580	42.795	ng	98
90) Benzo(a)pyrene	25.460	252	262482	39.683	ng	100
91) Dibenzo(a,h)anthracene	29.790	278	288794	44.164	ng	96
92) Benzo(g,h,i)perylene	31.012	276	270866	42.303	ng	98

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

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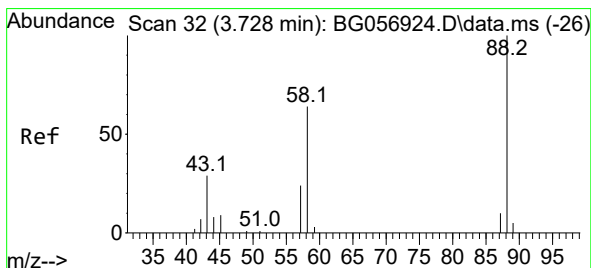
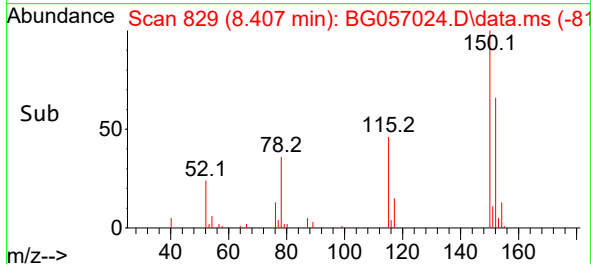
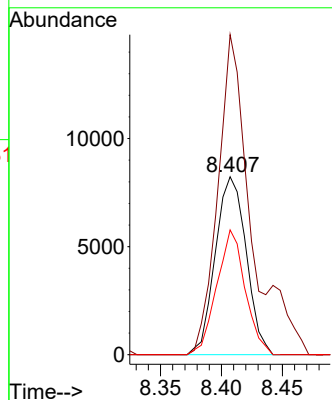
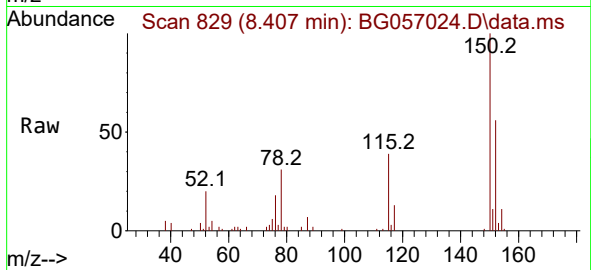




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.407 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG057024.D
 Acq: 7 Apr 2023 13:11

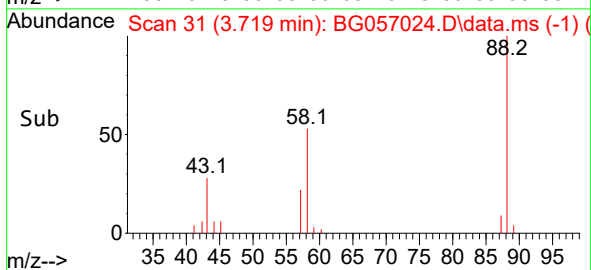
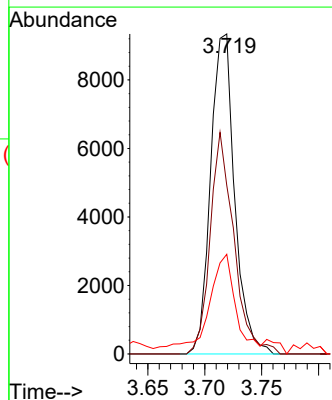
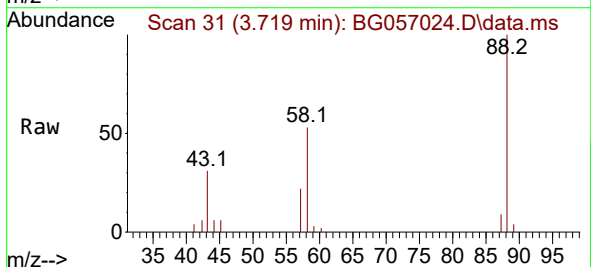
Instrument :
 BNA_G
 ClientSampleId :
 PB151961BS

Tgt Ion:152 Resp: 14496
 Ion Ratio Lower Upper
 152 100
 150 179.9 124.1 186.1
 115 70.2 49.1 73.7



#2
 1,4-Dioxane
 Concen: 34.580 ng
 RT: 3.719 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BG057024.D
 Acq: 7 Apr 2023 13:11

Tgt Ion: 88 Resp: 13730
 Ion Ratio Lower Upper
 88 100
 58 68.3 55.9 83.9
 43 36.8 25.7 38.5

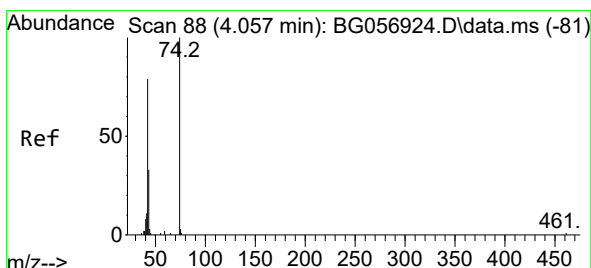
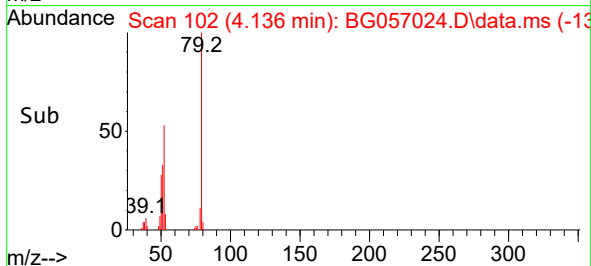
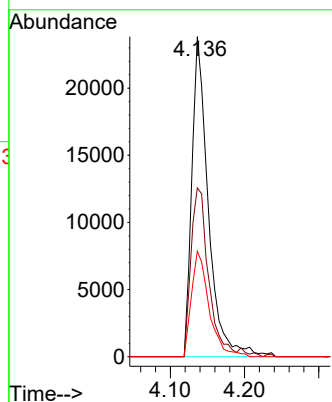
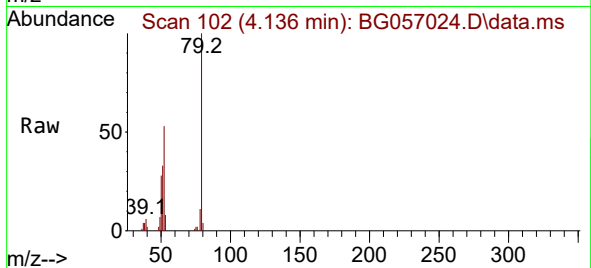




#3
 Pyridine
 Concen: 28.744 ng
 RT: 4.136 min Scan# 104
 Delta R.T. -0.007 min
 Lab File: BG057024.D
 Acq: 7 Apr 2023 13:11

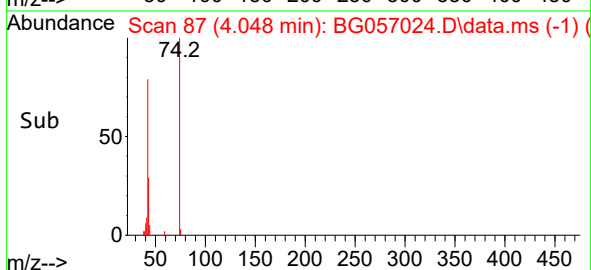
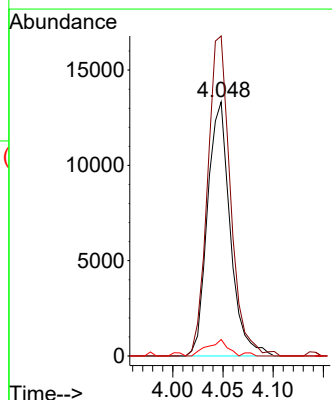
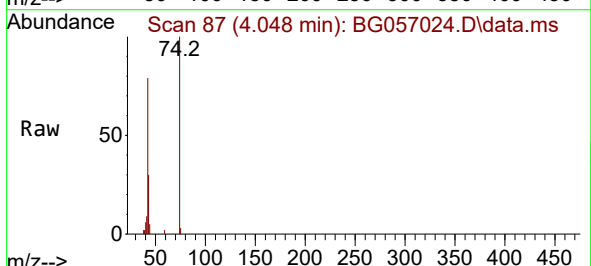
Instrument :
 BNA_G
 ClientSampleId :
 PB151961BS

Tgt Ion: 79 Resp: 36759
 Ion Ratio Lower Upper
 79 100
 52 52.8 46.1 69.1
 51 32.9 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 35.772 ng
 RT: 4.048 min Scan# 87
 Delta R.T. -0.001 min
 Lab File: BG057024.D
 Acq: 7 Apr 2023 13:11

Tgt Ion: 42 Resp: 21033
 Ion Ratio Lower Upper
 42 100
 74 125.9 100.6 151.0
 44 6.5 4.6 7.0

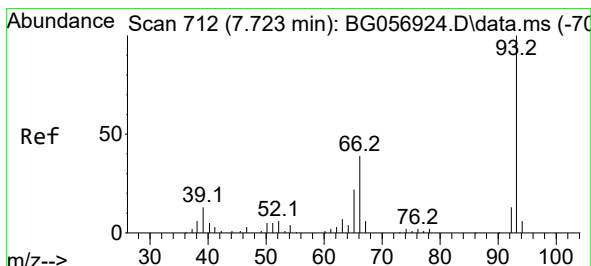
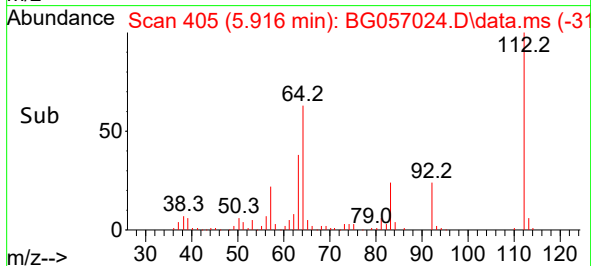
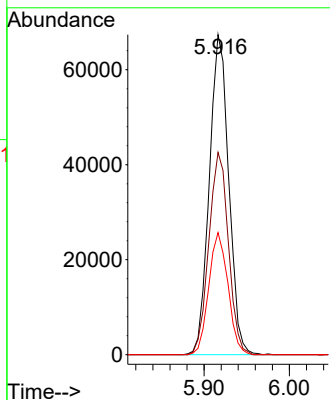
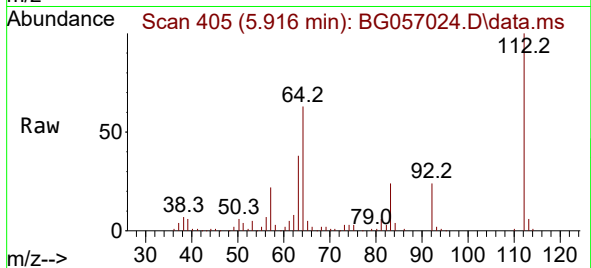




#5
2-Fluorophenol
Concen: 117.599 ng
RT: 5.916 min Scan# 405
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

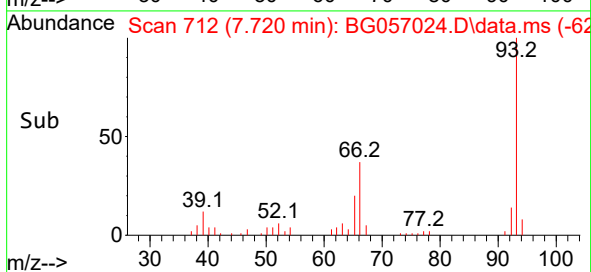
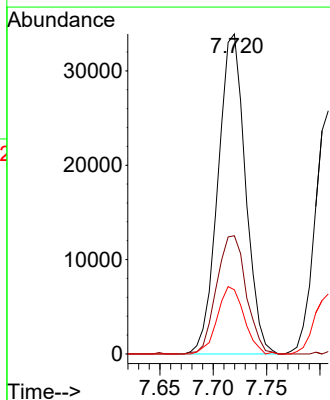
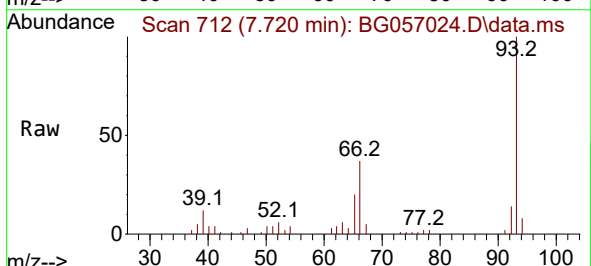
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ClientSampleId :
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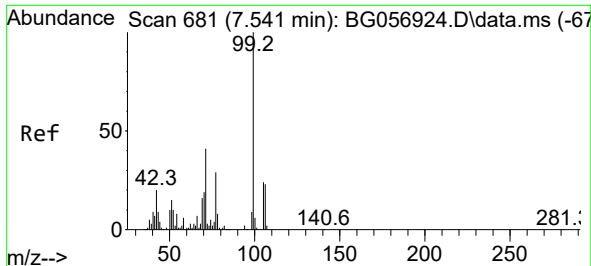
Tgt Ion:112 Resp: 106515
Ion Ratio Lower Upper
112 100
64 63.2 53.2 79.8
63 38.1 32.6 48.8



#6
Aniline
Concen: 35.054 ng
RT: 7.720 min Scan# 712
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion: 93 Resp: 60706
Ion Ratio Lower Upper
93 100
66 36.9 31.4 47.0
65 20.0 17.3 25.9

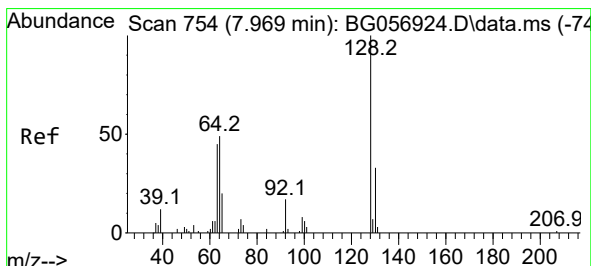
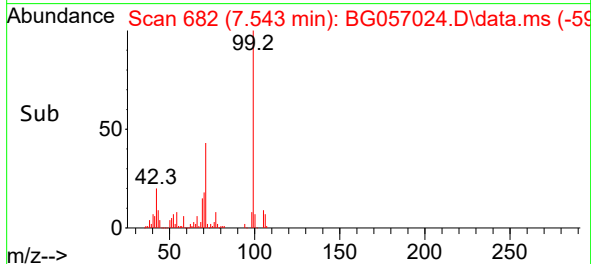
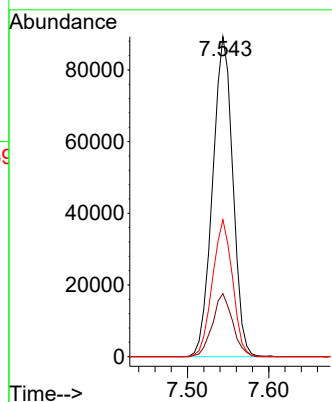
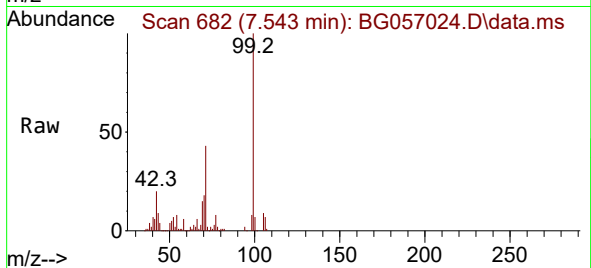




#7
Phenol-d6
Concen: 114.061 ng
RT: 7.543 min Scan# 681
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

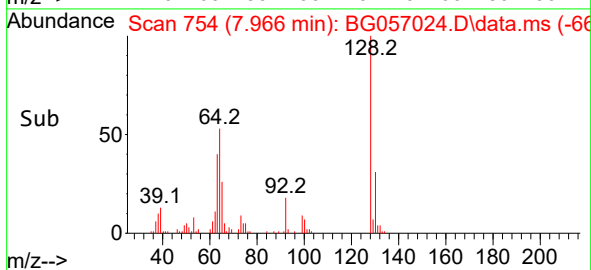
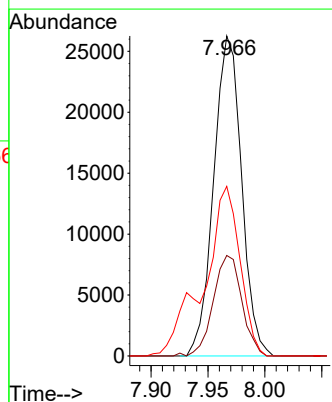
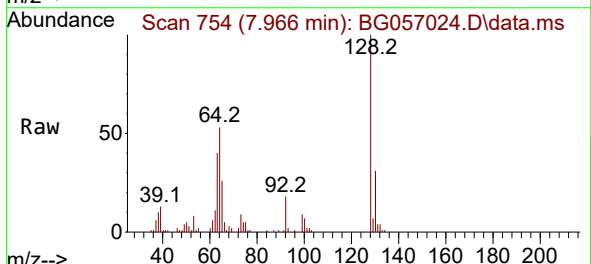
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 99 Resp: 154514
Ion Ratio Lower Upper
99 100
42 19.7 15.7 23.5
71 42.8 32.5 48.7



#8
2-Chlorophenol
Concen: 49.632 ng
RT: 7.966 min Scan# 754
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion: 128 Resp: 44777
Ion Ratio Lower Upper
128 100
130 31.4 12.6 52.6
64 53.0 40.6 80.6

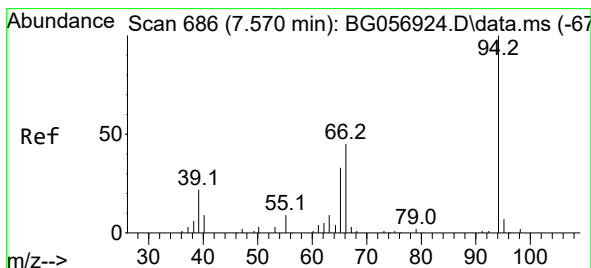
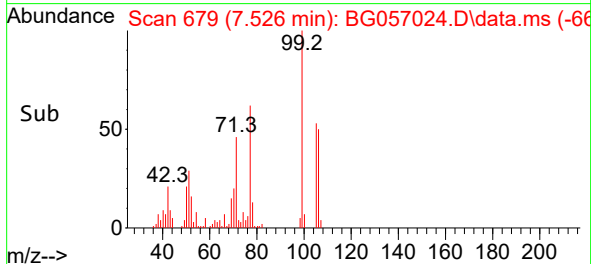
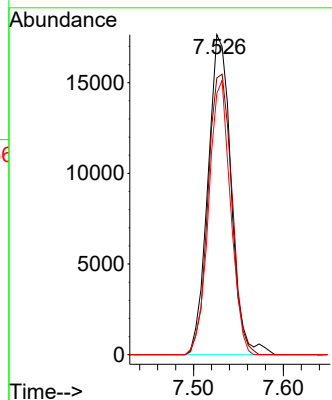
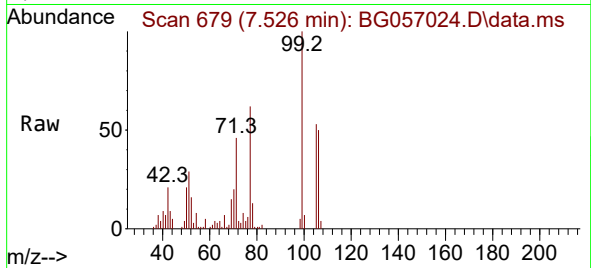




#9
Benzaldehyde
Concen: 37.099 ng
RT: 7.526 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

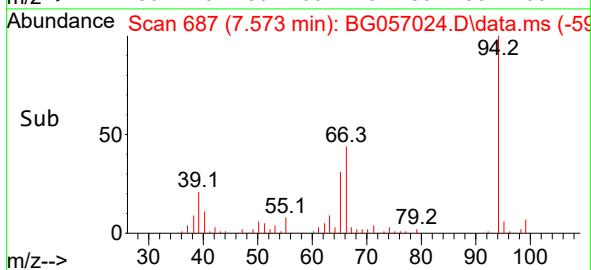
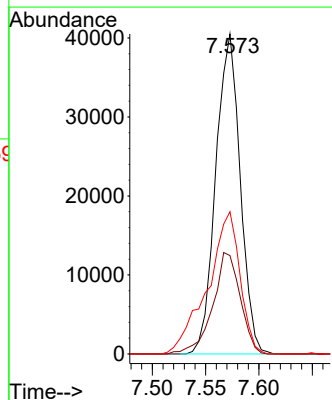
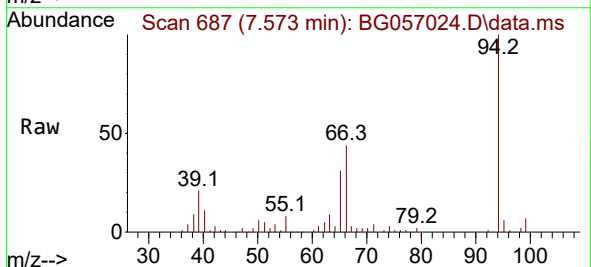
Instrument :
BNA_G
ClientSampleId :
PB151961BS

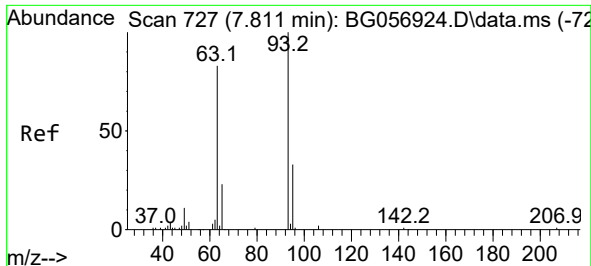
Tgt Ion: 77 Resp: 31522
Ion Ratio Lower Upper
77 100
105 86.5 73.6 113.6
106 81.7 56.7 96.7



#10
Phenol
Concen: 47.999 ng
RT: 7.573 min Scan# 687
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion: 94 Resp: 64428
Ion Ratio Lower Upper
94 100
65 30.8 13.3 53.3
66 44.4 26.7 66.7

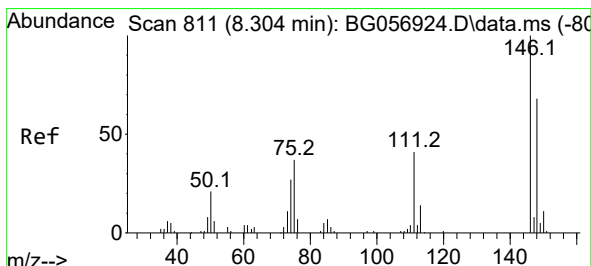
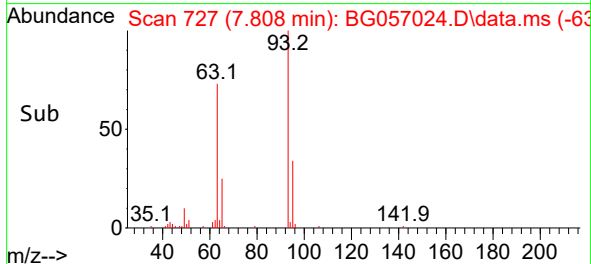
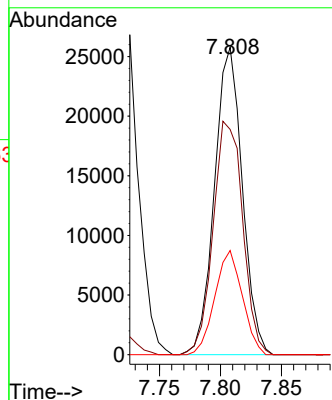
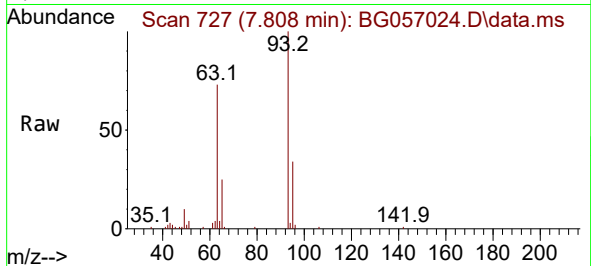




#11
bis(2-Chloroethyl)ether
Concen: 42.809 ng
RT: 7.808 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

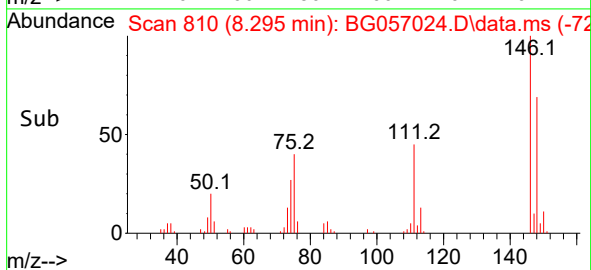
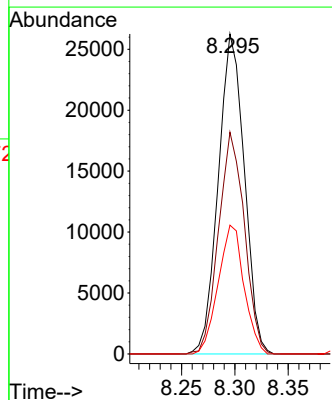
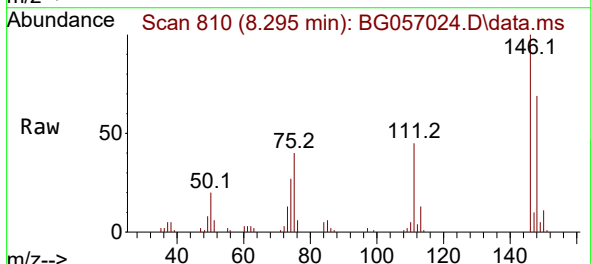
Instrument :
BNA_G
ClientSampleId :
PB151961BS

Tgt Ion: 93 Resp: 40932
Ion Ratio Lower Upper
93 100
63 73.3 62.7 102.7
95 33.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 44.651 ng
RT: 8.295 min Scan# 810
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:146 Resp: 44511
Ion Ratio Lower Upper
146 100
148 69.3 54.2 81.4
75 40.3 29.8 44.8

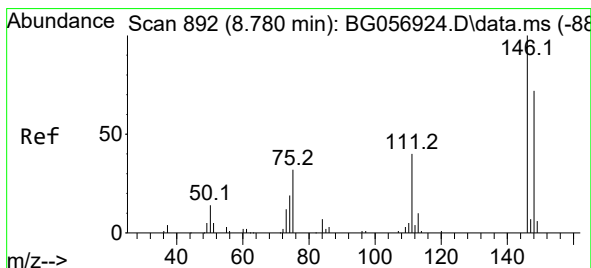
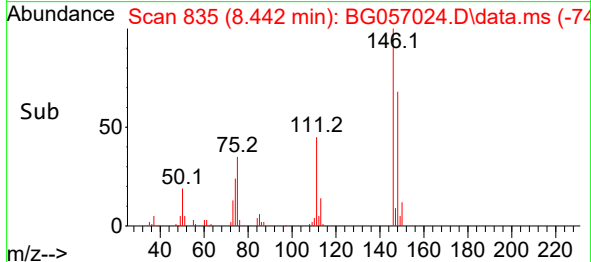
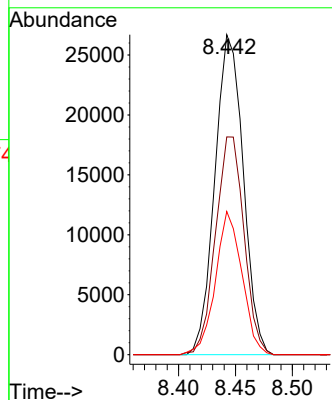
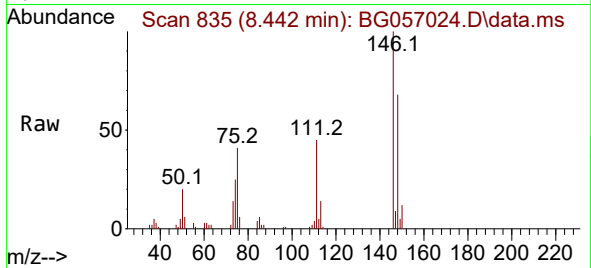




#13
1,4-Dichlorobenzene
Concen: 46.105 ng
RT: 8.442 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

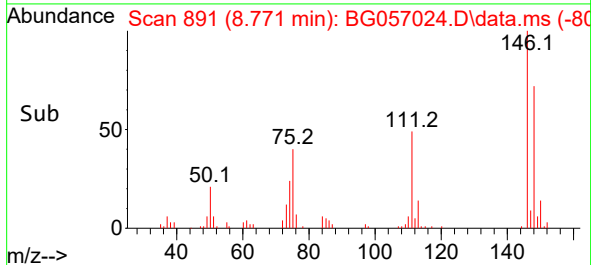
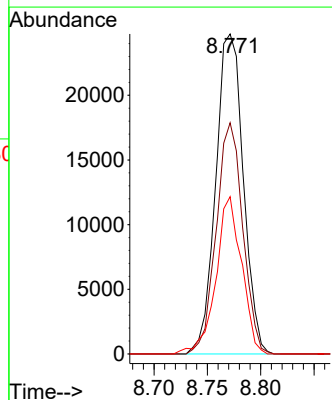
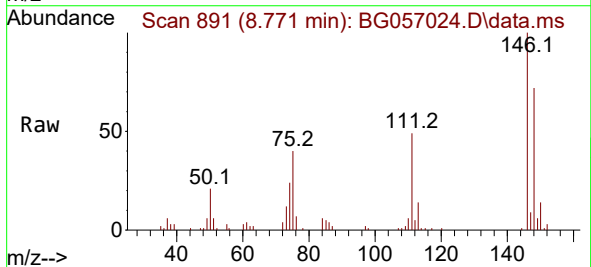
Instrument :
BNA_G
ClientSampleId :
PB151961BS

Tgt Ion:146 Resp: 46386
Ion Ratio Lower Upper
146 100
148 68.1 54.8 82.2
111 44.7 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 45.763 ng
RT: 8.771 min Scan# 891
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:146 Resp: 44482
Ion Ratio Lower Upper
146 100
148 72.3 57.4 86.0
111 49.2 33.2 49.8

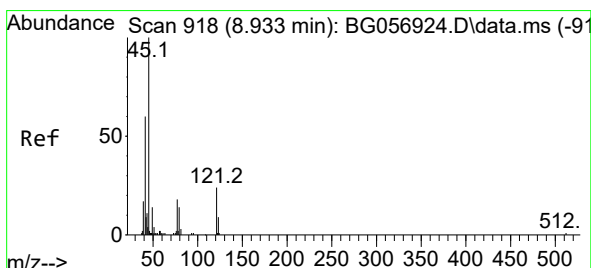
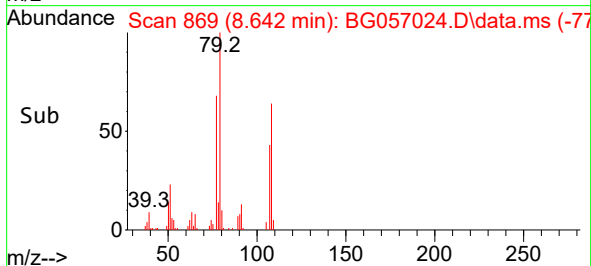
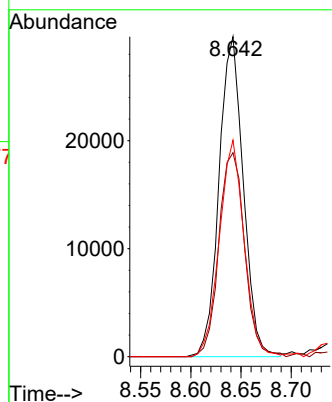
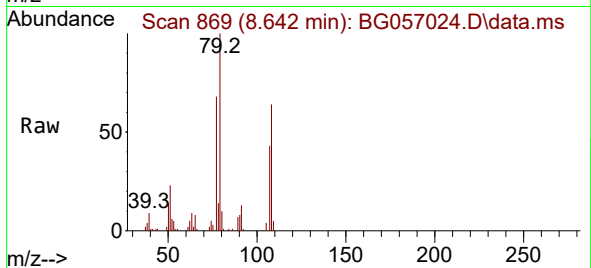




#15
Benzyl Alcohol
Concen: 44.231 ng
RT: 8.642 min Scan# 869
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

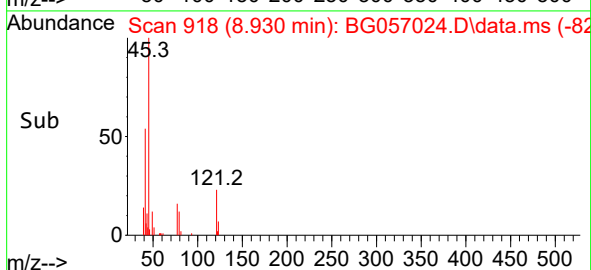
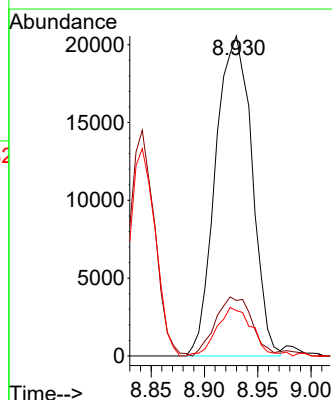
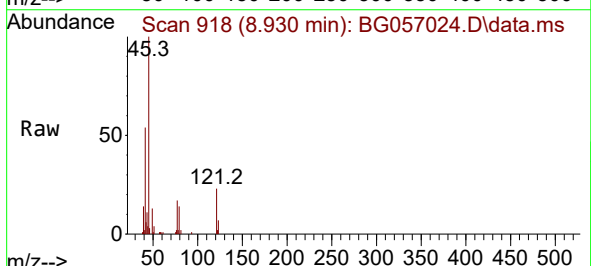
Instrument :
BNA_G
ClientSampleId :
PB151961BS

Tgt Ion: 79 Resp: 49787
Ion Ratio Lower Upper
79 100
108 63.8 51.2 76.8
77 67.6 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.379 ng
RT: 8.930 min Scan# 918
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion: 45 Resp: 48834
Ion Ratio Lower Upper
45 100
77 17.3 0.0 38.7
79 14.1 0.0 35.1





#17

2-Methylphenol

Concen: 45.594 ng

RT: 8.842 min Scan# 90

Delta R.T. -0.001 min

Lab File: BG057024.D

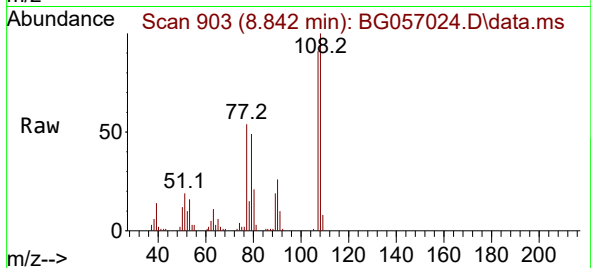
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS



Tgt Ion:107 Resp: 43663

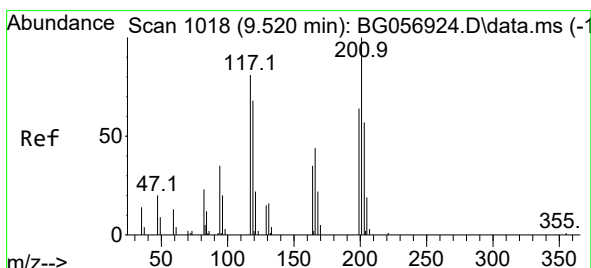
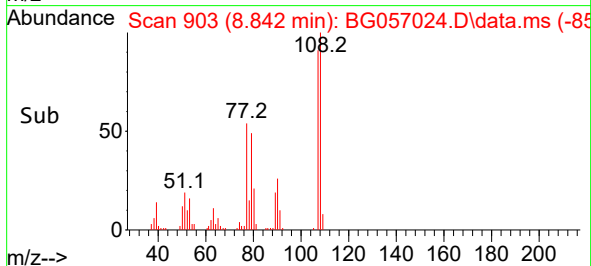
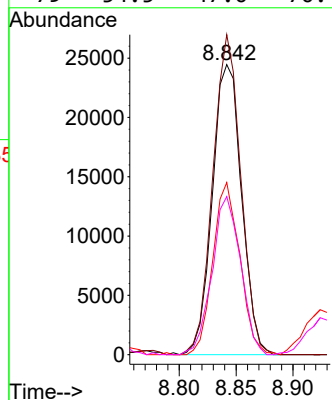
Ion Ratio Lower Upper

107 100

108 110.3 96.0 144.0

77 59.3 45.6 68.4

79 54.5 47.0 70.4



#18

Hexachloroethane

Concen: 46.015 ng

RT: 9.511 min Scan# 1017

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

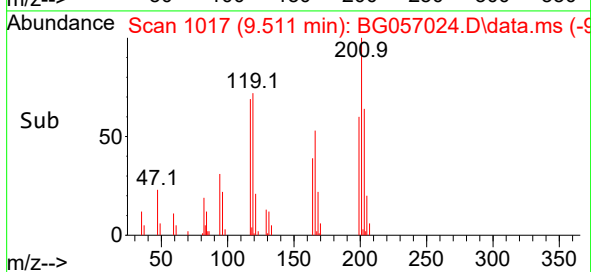
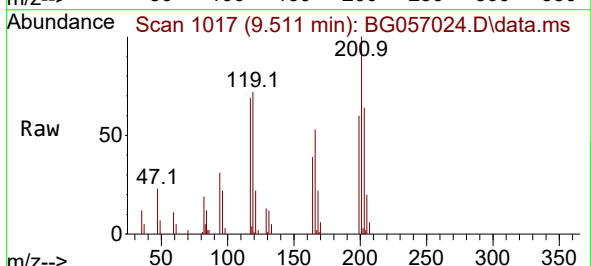
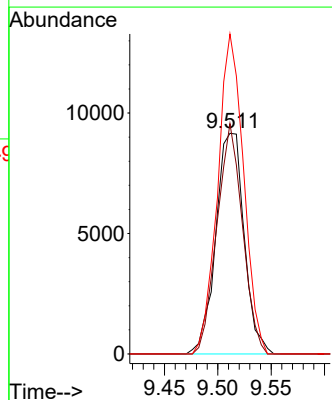
Tgt Ion:117 Resp: 16921

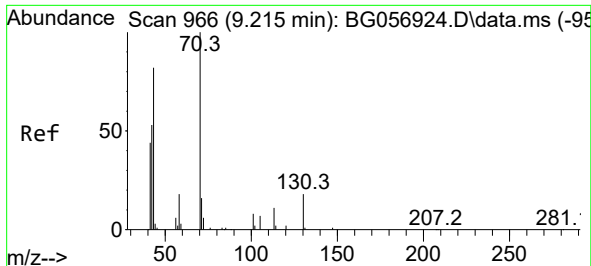
Ion Ratio Lower Upper

117 100

119 104.4 67.0 100.6#

201 145.0 98.7 148.1

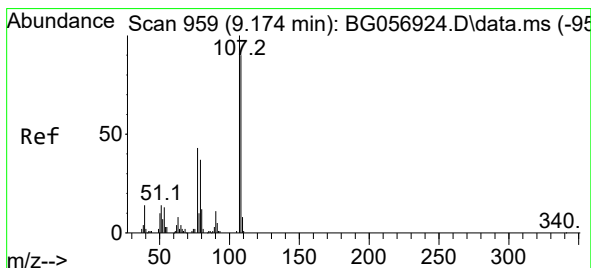
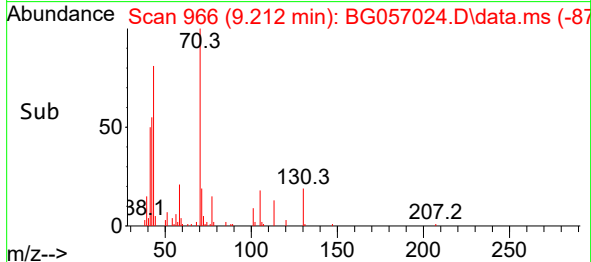
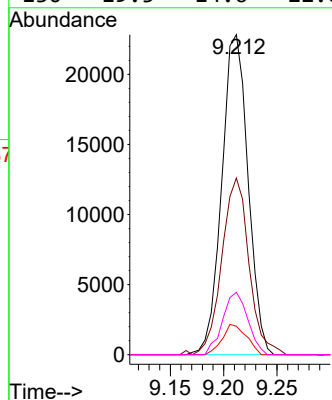
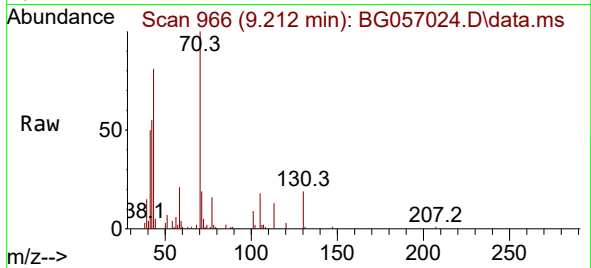




#19
n-Nitroso-di-n-propylamine
Concen: 40.304 ng
RT: 9.212 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

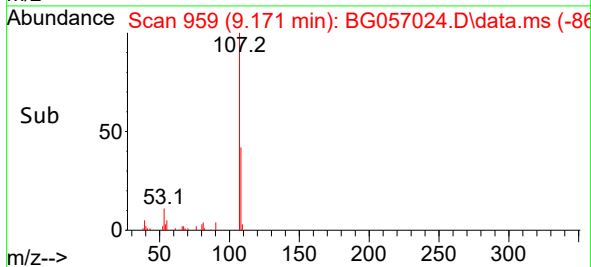
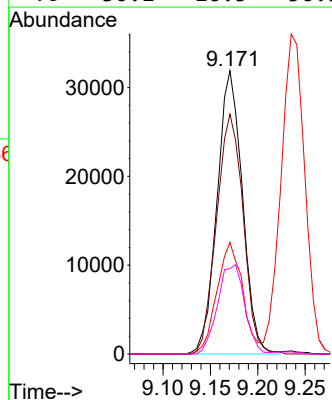
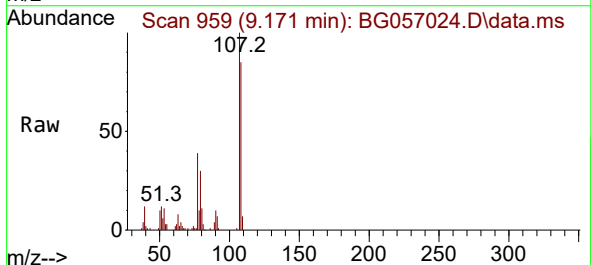
Instrument :
BNA_G
ClientSampleId :
PB151961BS

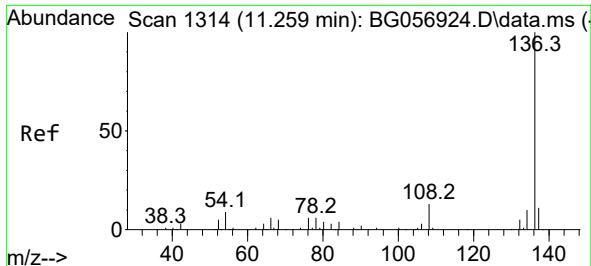
Tgt Ion: 70 Resp: 39052
Ion Ratio Lower Upper
70 100
42 55.2 43.4 65.0
101 8.9 6.2 9.2
130 19.5 14.6 22.0



#20
3+4-Methylphenols
Concen: 44.292 ng
RT: 9.171 min Scan# 959
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

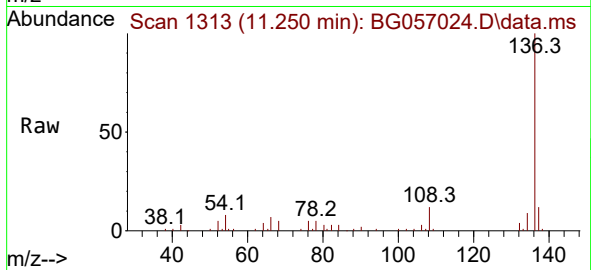
Tgt Ion: 107 Resp: 59311
Ion Ratio Lower Upper
107 100
108 84.7 69.9 109.9
77 39.4 22.7 62.7
79 30.1 16.5 56.5



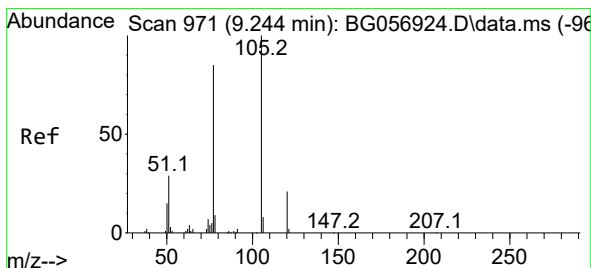
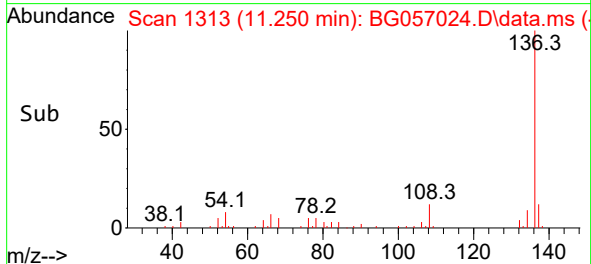
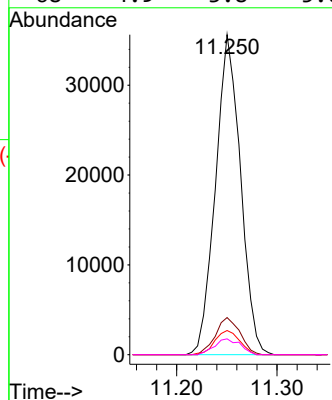


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.250 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :
BNA_G
ClientSampleId :
PB151961BS

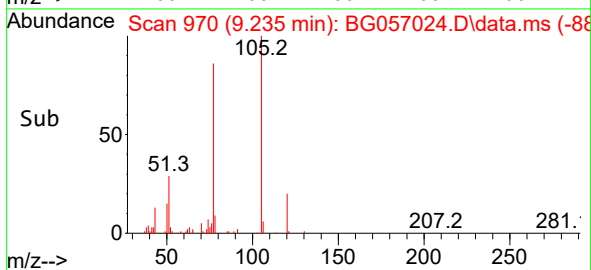
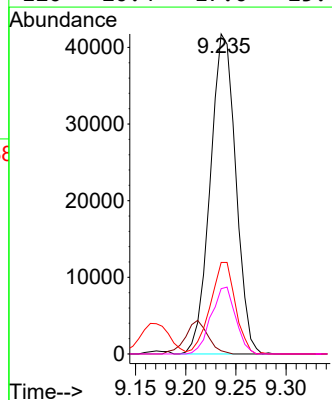
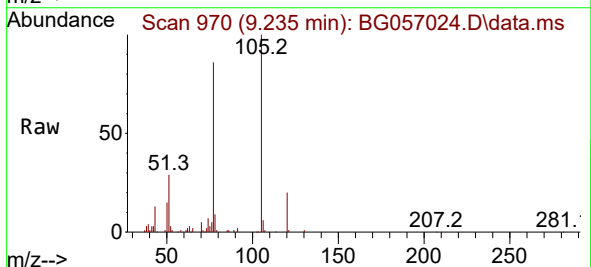


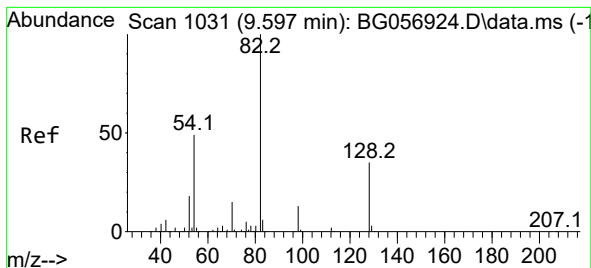
Tgt Ion:136 Resp: 61526
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 7.6 6.9 10.3
68 4.9 3.8 5.6



#22
Acetophenone
Concen: 40.354 ng
RT: 9.235 min Scan# 970
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:105 Resp: 73880
Ion Ratio Lower Upper
105 100
71 1.0 0.7 1.1
51 28.6 23.8 35.8
120 20.4 17.0 25.4





#23

Nitrobenzene-d5

Concen: 63.164 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

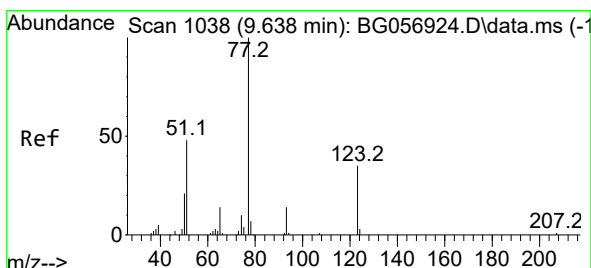
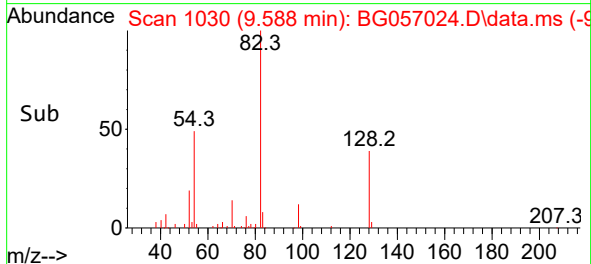
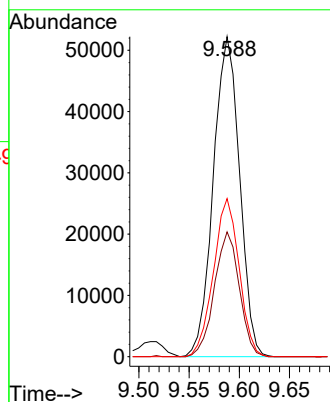
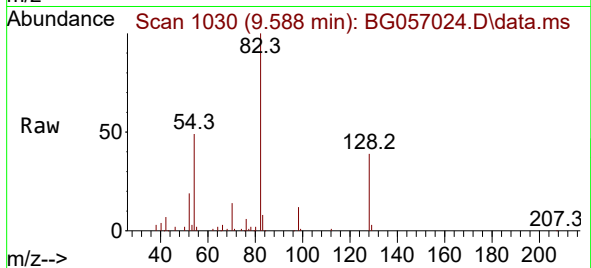
Tgt Ion: 82 Resp: 94977

Ion Ratio Lower Upper

82 100

128 39.0 27.9 41.9

54 49.4 39.4 59.2



#24

Nitrobenzene

Concen: 39.731 ng

RT: 9.629 min Scan# 1037

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

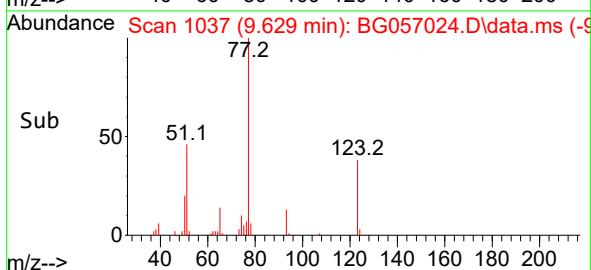
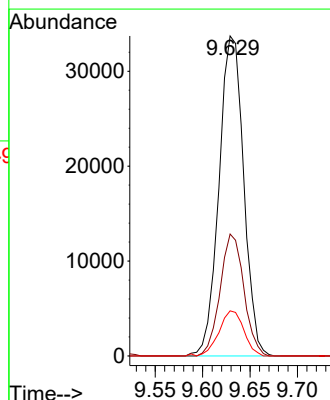
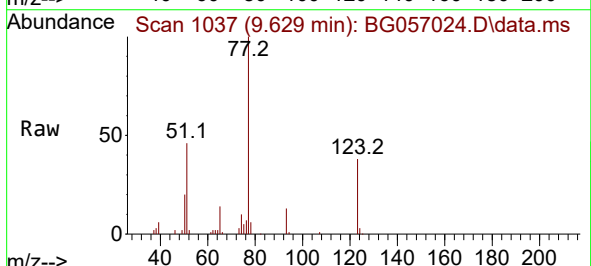
Tgt Ion: 77 Resp: 61080

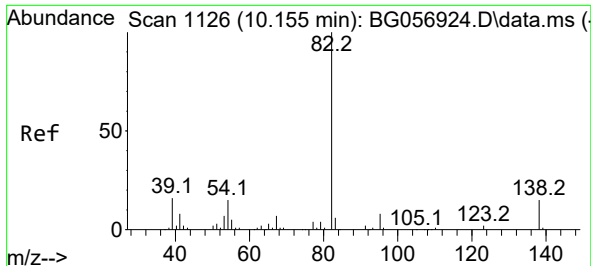
Ion Ratio Lower Upper

77 100

123 38.1 27.6 41.4

65 14.1 11.5 17.3

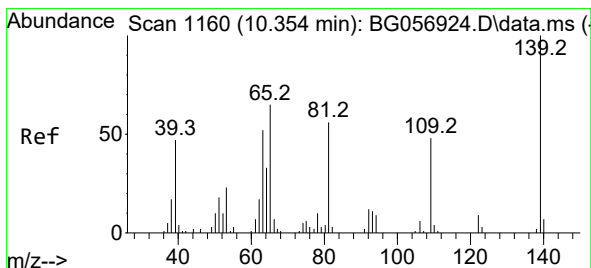
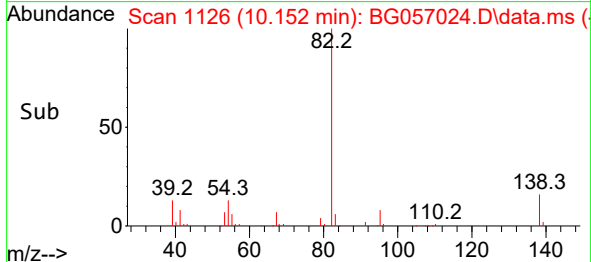
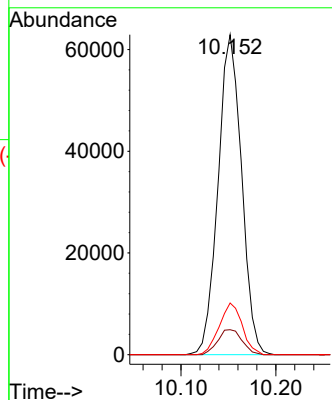
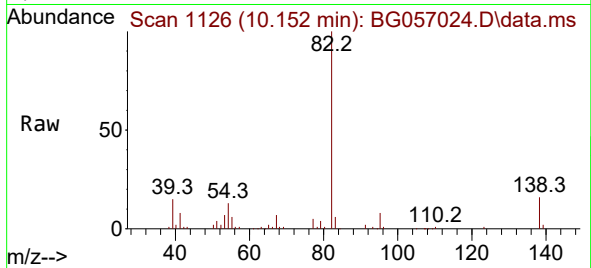




#25
Isophorone
Concen: 37.827 ng
RT: 10.152 min Scan# 1126
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

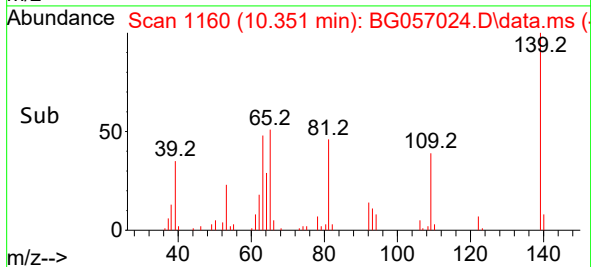
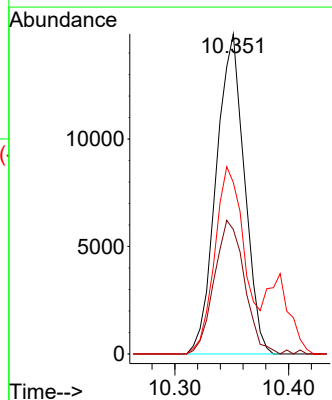
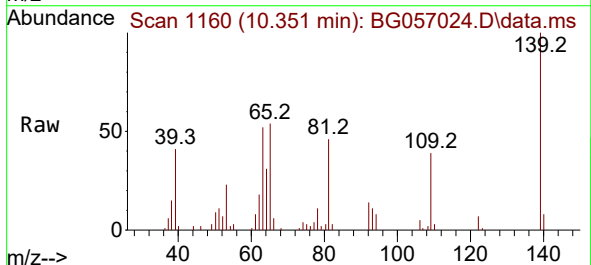
Instrument :
BNA_G
ClientSampleId :
PB151961BS

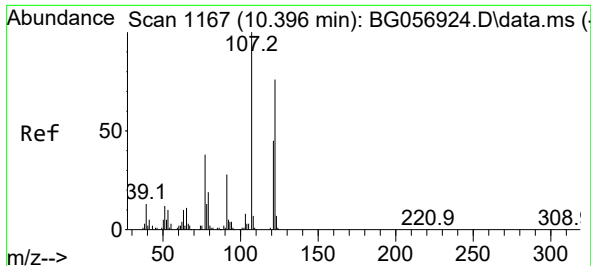
Tgt Ion: 82 Resp: 108313
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 16.2 11.8 17.8



#26
2-Nitrophenol
Concen: 43.200 ng
RT: 10.351 min Scan# 1160
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:139 Resp: 25634
Ion Ratio Lower Upper
139 100
109 38.9 38.2 57.4
65 53.6 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 45.307 ng

RT: 10.387 min Scan# 1166

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

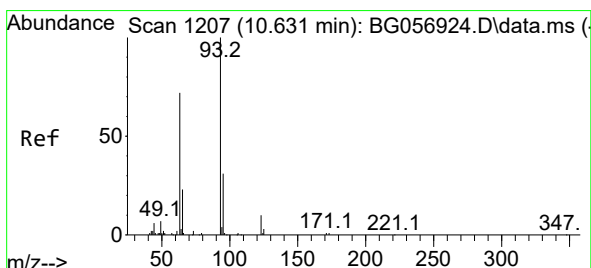
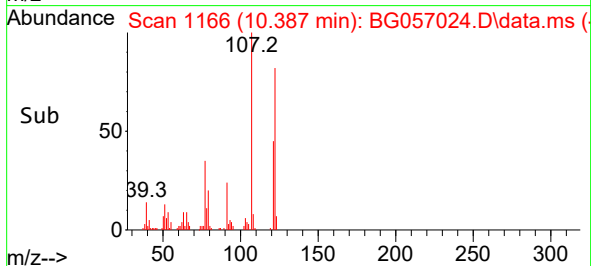
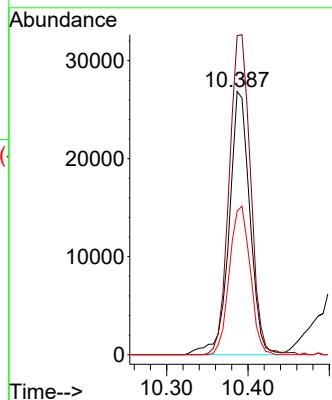
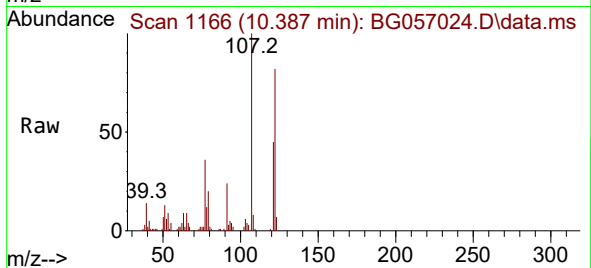
Tgt Ion:122 Resp: 47468

Ion Ratio Lower Upper

122 100

107 121.2 105.7 158.5

121 54.5 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 40.102 ng

RT: 10.628 min Scan# 1207

Delta R.T. 0.005 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

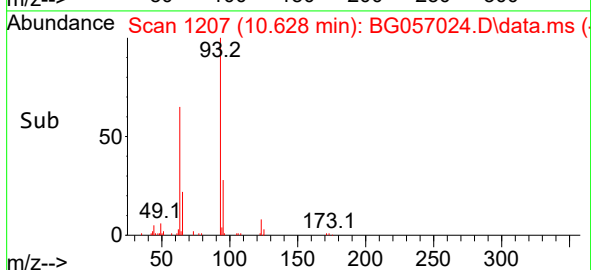
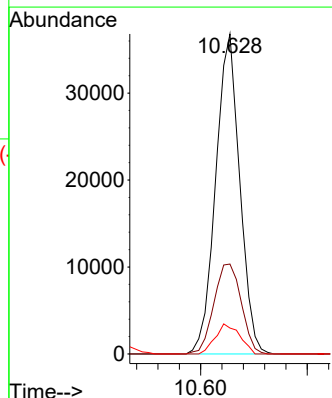
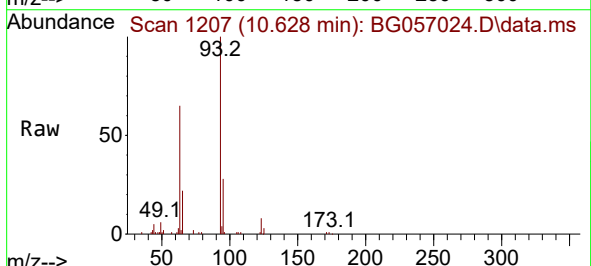
Tgt Ion: 93 Resp: 57487

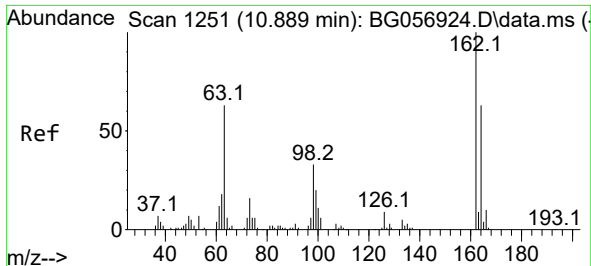
Ion Ratio Lower Upper

93 100

95 28.1 24.6 37.0

123 8.1 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 43.749 ng

RT: 10.886 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG057024.D

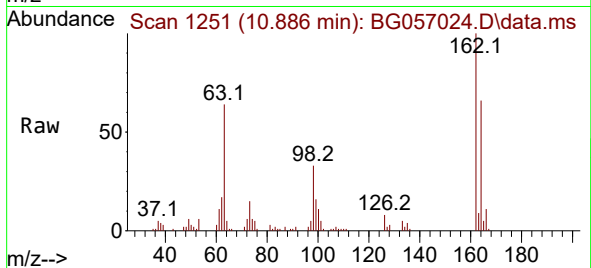
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS



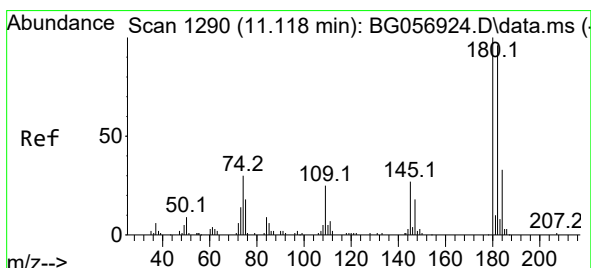
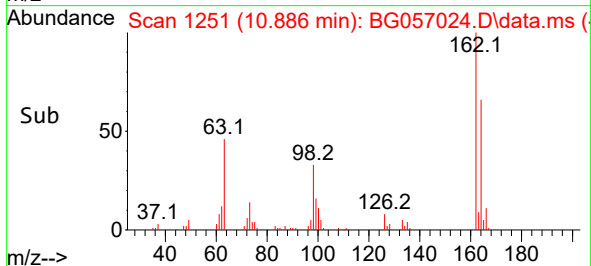
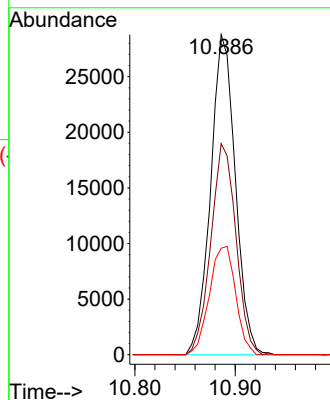
Tgt Ion:162 Resp: 49294

Ion Ratio Lower Upper

162 100

164 66.0 43.4 83.4

98 33.2 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 43.587 ng

RT: 11.109 min Scan# 1289

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

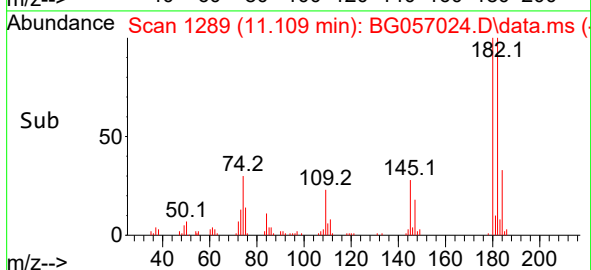
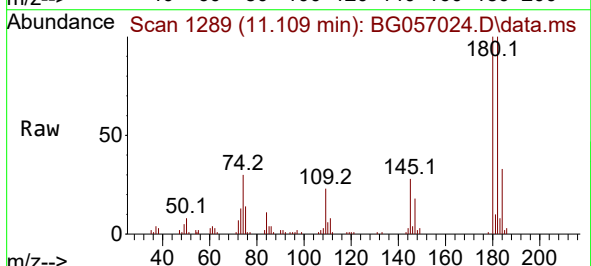
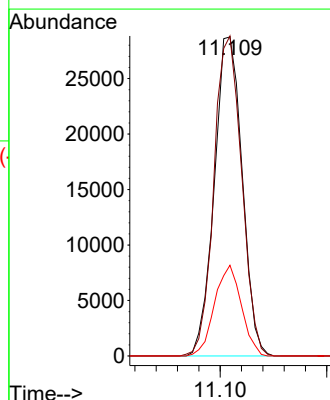
Tgt Ion:180 Resp: 52182

Ion Ratio Lower Upper

180 100

182 100.3 77.1 115.7

145 28.4 21.3 31.9

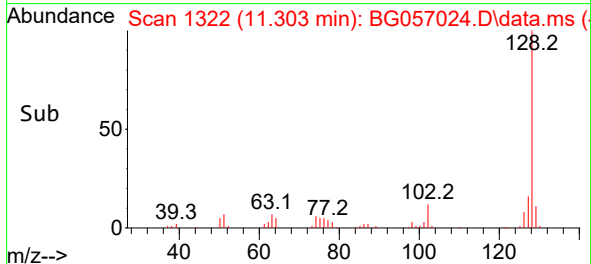
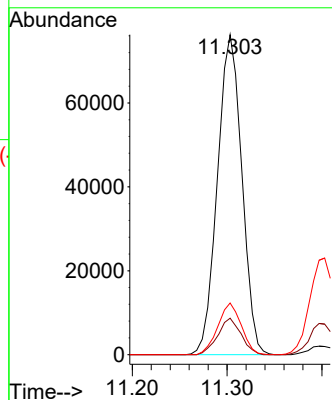
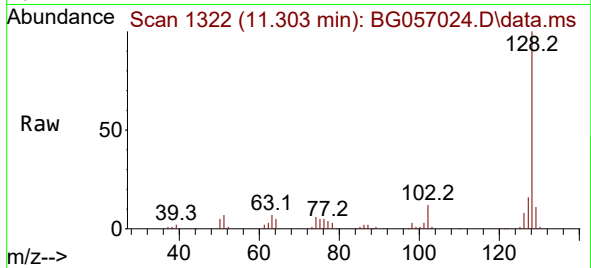




#31
Naphthalene
Concen: 40.715 ng
RT: 11.303 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

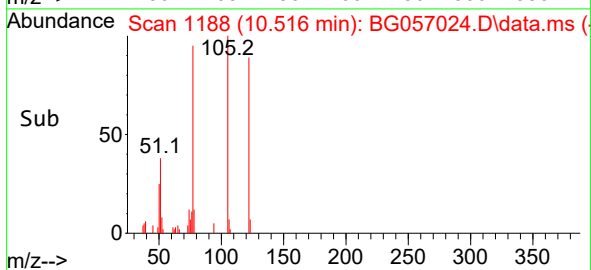
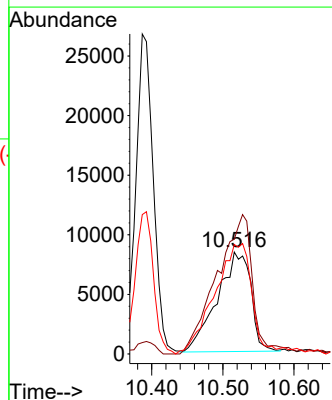
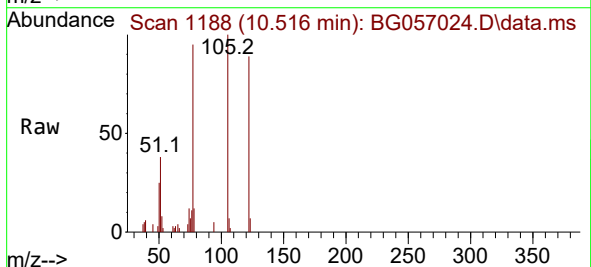
Instrument :
BNA_G
ClientSampleId :
PB151961BS

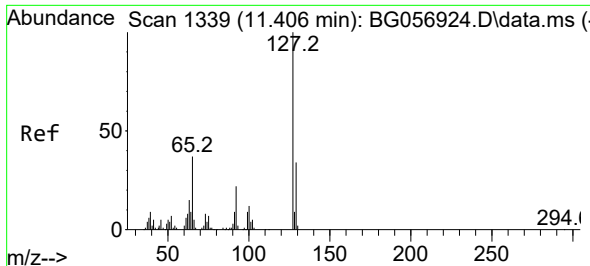
Tgt Ion:128 Resp: 136540
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 16.2 12.2 18.4



#32
Benzoic acid
Concen: 38.258 ng
RT: 10.516 min Scan# 1188
Delta R.T. -0.007 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:122 Resp: 27533
Ion Ratio Lower Upper
122 100
105 112.6 105.4 145.4
77 107.4 87.4 127.4

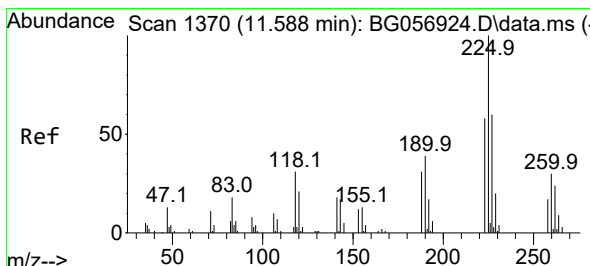
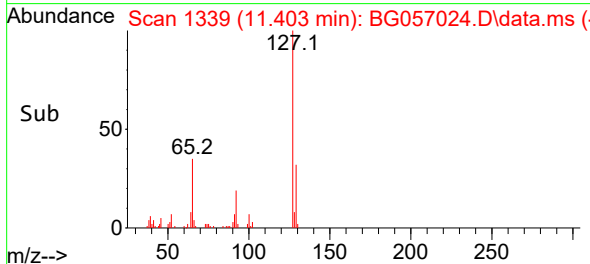
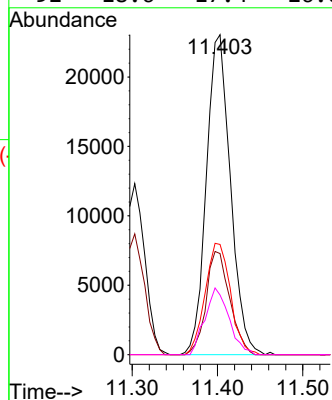
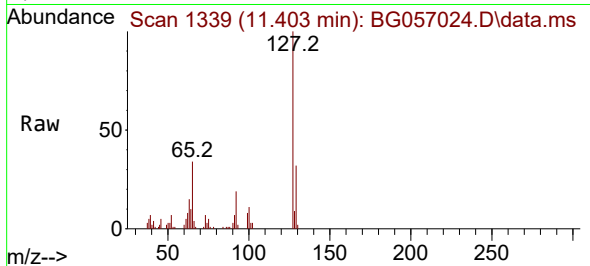




#33
4-Chloroaniline
Concen: 29.844 ng
RT: 11.403 min Scan# 1139
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

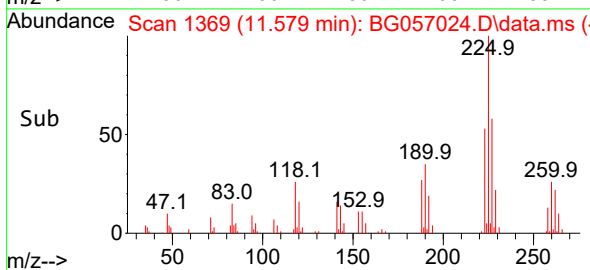
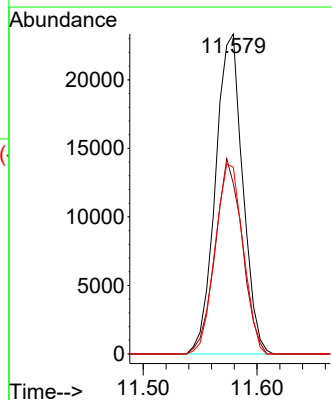
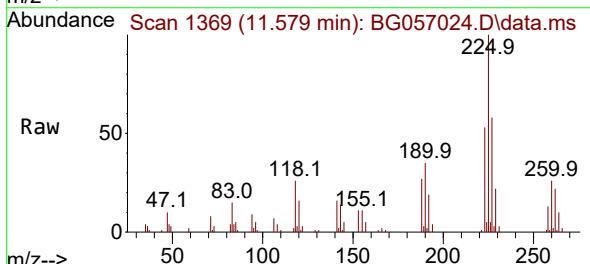
Instrument :
BNA_G
ClientSampleId :
PB151961BS

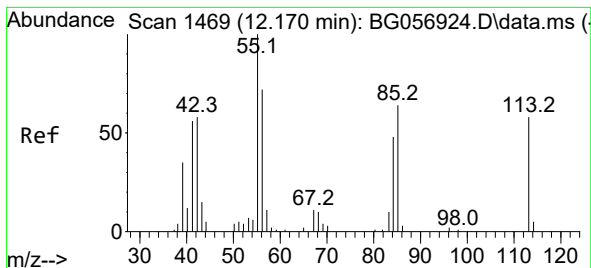
Tgt Ion:	127	Resp:	45202
Ion	Ratio	Lower	Upper
127	100		
129	31.6	27.6	41.4
65	34.5	29.8	44.8
92	18.6	17.4	26.0



#34
Hexachlorobutadiene
Concen: 43.112 ng
RT: 11.579 min Scan# 1369
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:	225	Resp:	38771
Ion	Ratio	Lower	Upper
225	100		
223	53.3	46.4	69.6
227	58.3	48.0	72.0





#35

Caprolactam

Concen: 25.496 ng

RT: 12.167 min Scan# 1469

Delta R.T. -0.007 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

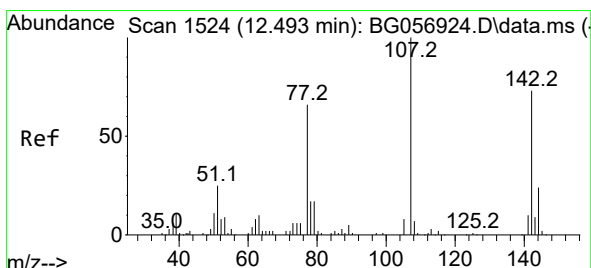
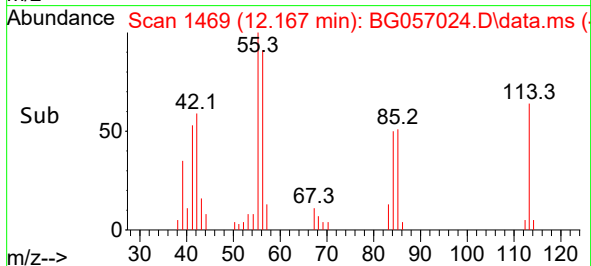
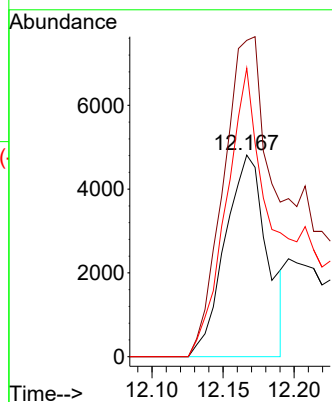
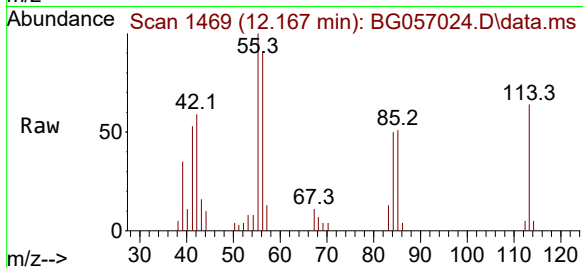
Tgt Ion:113 Resp: 9907

Ion Ratio Lower Upper

113 100

55 156.9 151.6 191.6

56 143.1 103.7 143.7



#36

4-Chloro-3-methylphenol

Concen: 42.900 ng

RT: 12.490 min Scan# 1524

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

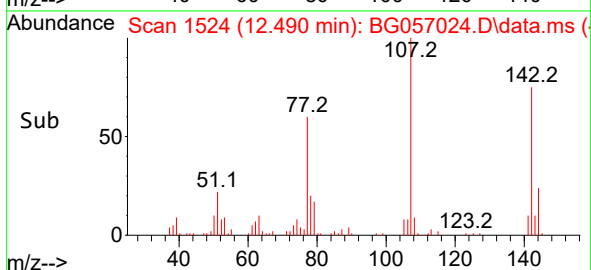
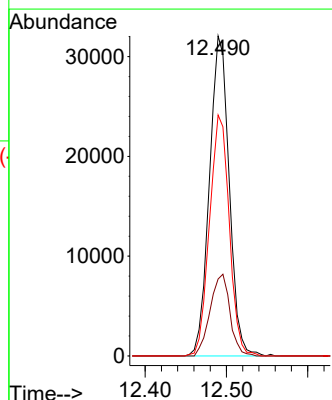
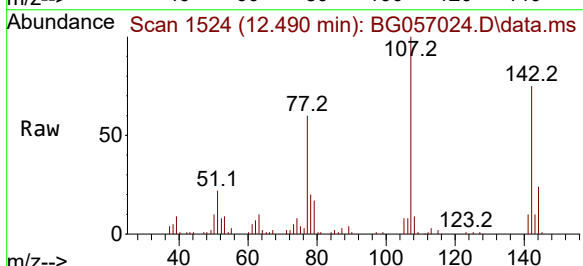
Tgt Ion:107 Resp: 54056

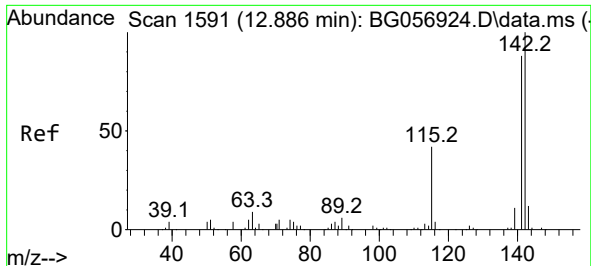
Ion Ratio Lower Upper

107 100

144 24.1 19.0 28.4

142 75.3 58.6 88.0





#37

2-Methylnaphthalene

Concen: 39.219 ng

RT: 12.877 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

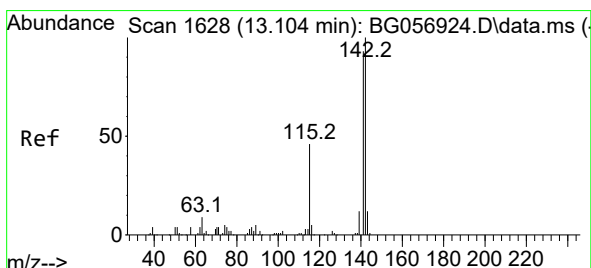
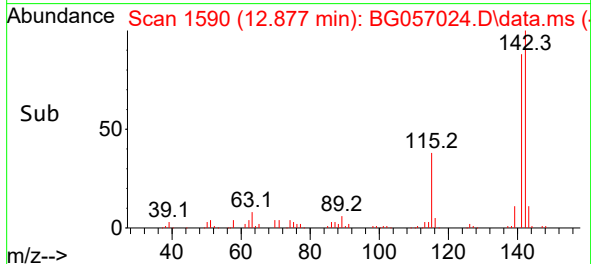
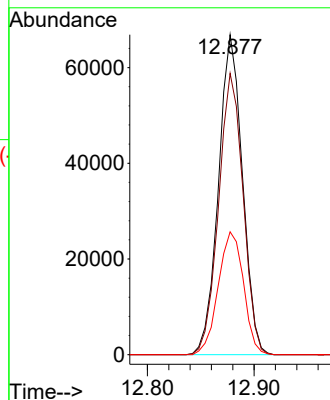
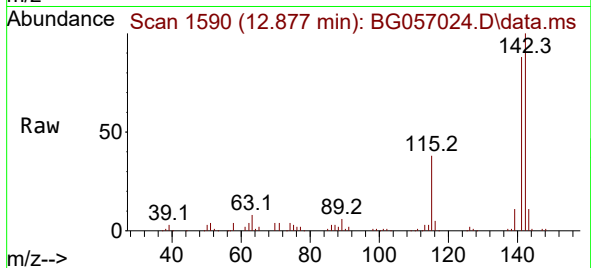
Tgt Ion:142 Resp: 104386

Ion Ratio Lower Upper

142 100

141 87.9 70.3 105.5

115 38.4 33.5 50.3



#38

1-Methylnaphthalene

Concen: 38.267 ng

RT: 13.095 min Scan# 1627

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

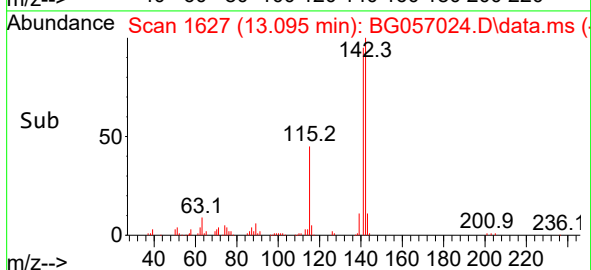
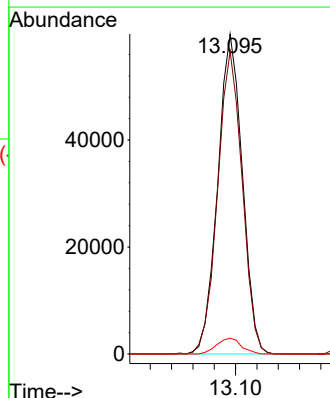
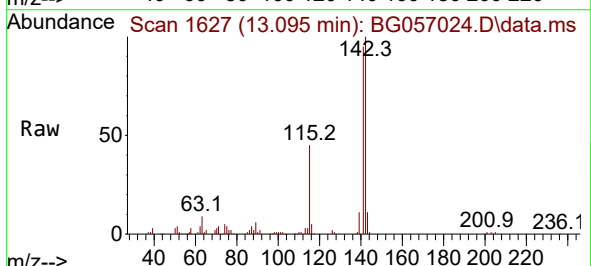
Tgt Ion:142 Resp: 95639

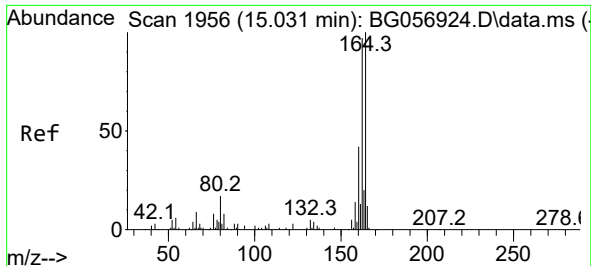
Ion Ratio Lower Upper

142 100

141 94.5 74.0 111.0

116 5.0 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.022 min Scan# 1955

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

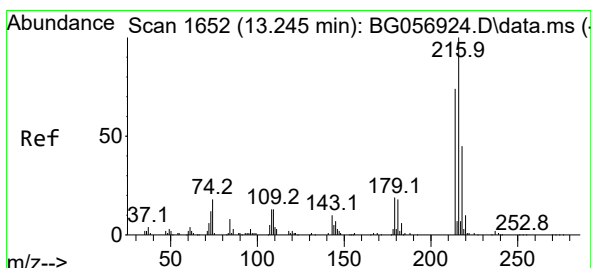
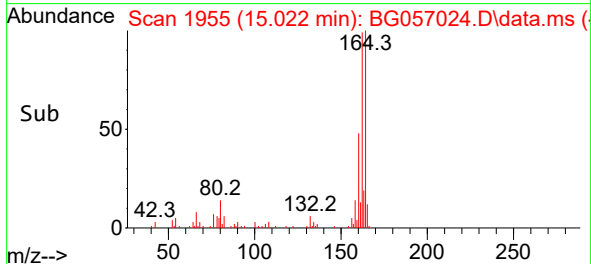
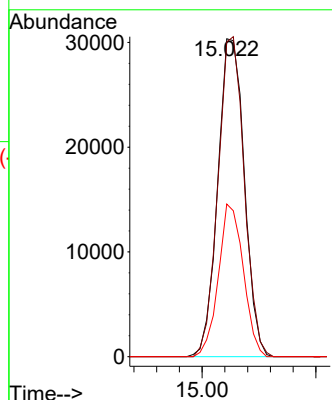
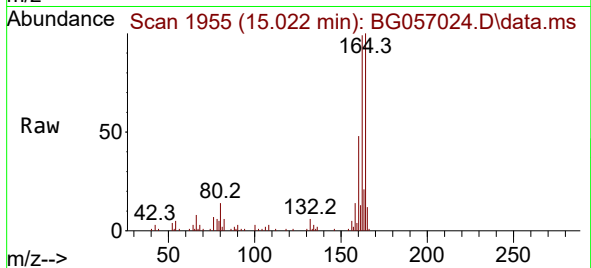
Tgt Ion:164 Resp: 49253

Ion Ratio Lower Upper

164 100

162 99.0 77.8 116.8

160 48.0 33.5 50.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.767 ng

RT: 13.242 min Scan# 1652

Delta R.T. 0.005 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Tgt Ion:216 Resp: 71337

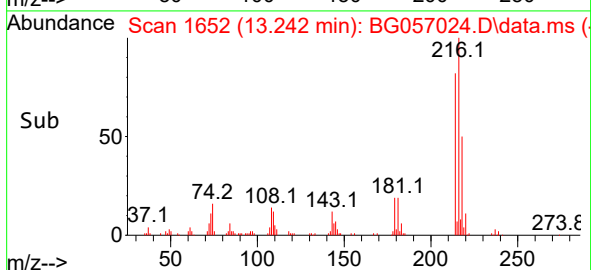
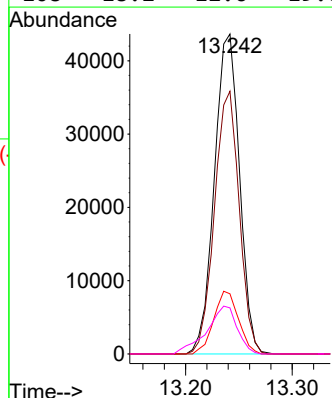
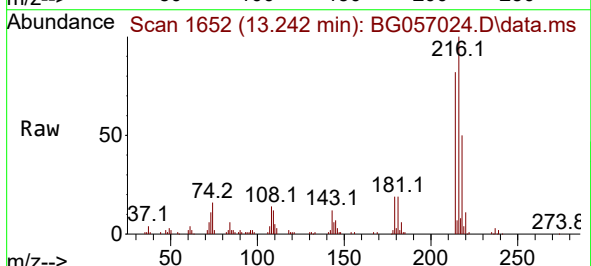
Ion Ratio Lower Upper

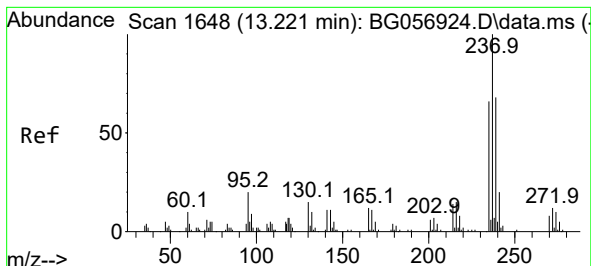
216 100

214 80.9 63.3 94.9

179 19.3 15.0 22.6

108 18.2 12.6 19.0





#41

Hexachlorocyclopentadiene

Concen: 107.343 ng

RT: 13.212 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

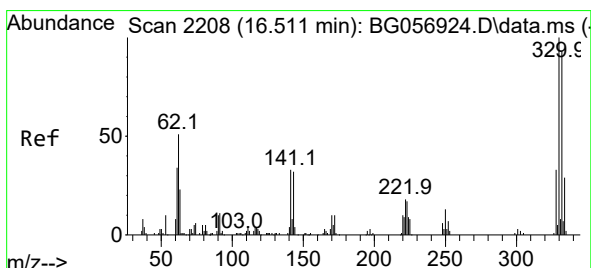
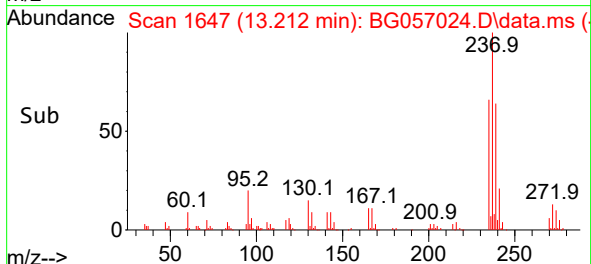
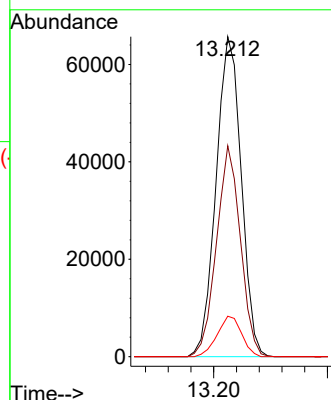
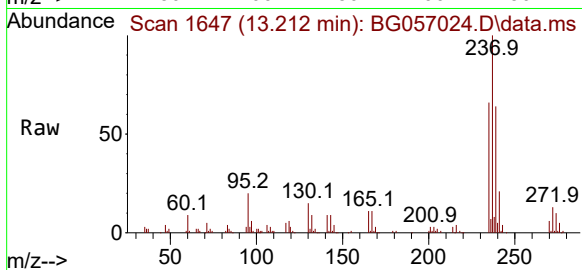
Tgt Ion:237 Resp: 101014

Ion Ratio Lower Upper

237 100

235 65.9 45.9 85.9

272 12.7 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 106.869 ng

RT: 16.508 min Scan# 2208

Delta R.T. 0.005 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

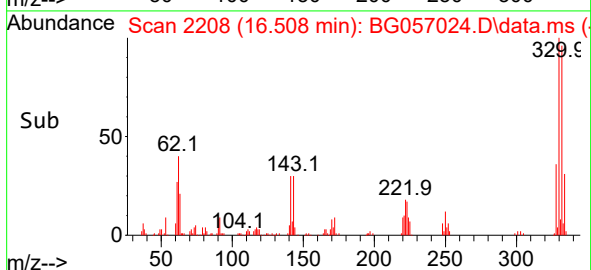
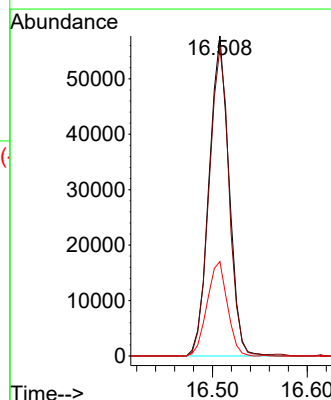
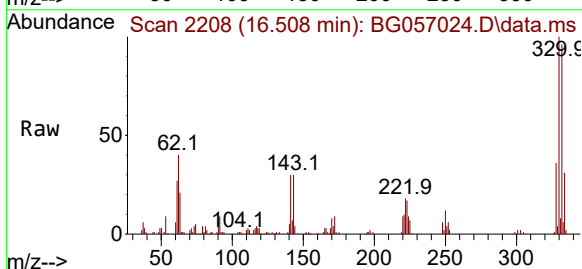
Tgt Ion:330 Resp: 84088

Ion Ratio Lower Upper

330 100

332 96.7 76.1 114.1

141 30.0 25.8 38.6

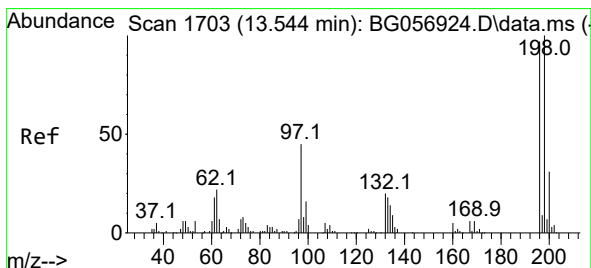
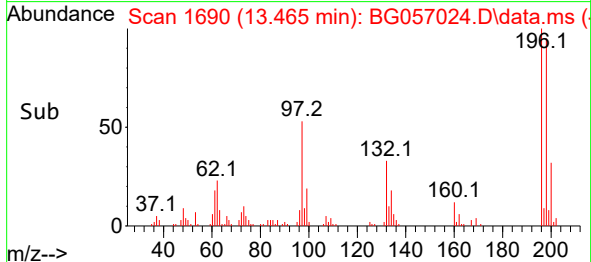
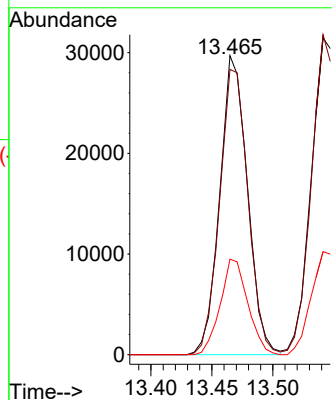
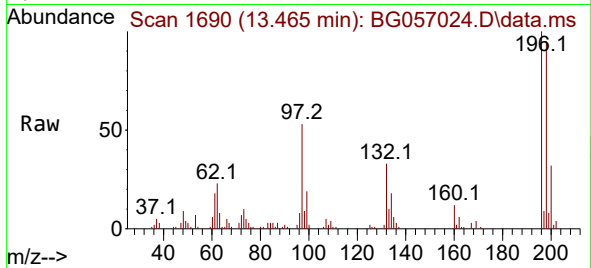




#43
2,4,6-Trichlorophenol
Concen: 43.013 ng
RT: 13.465 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

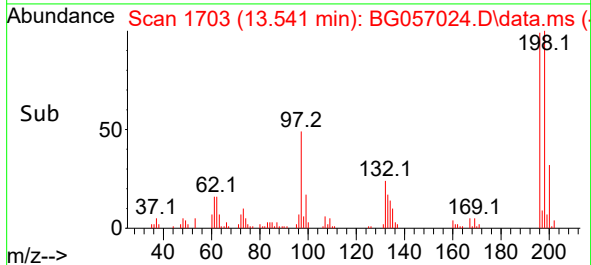
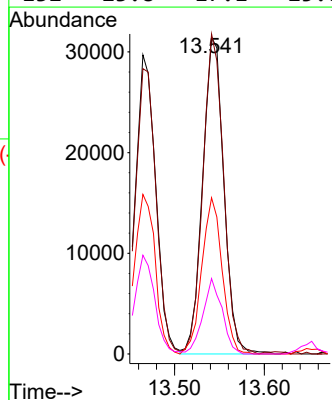
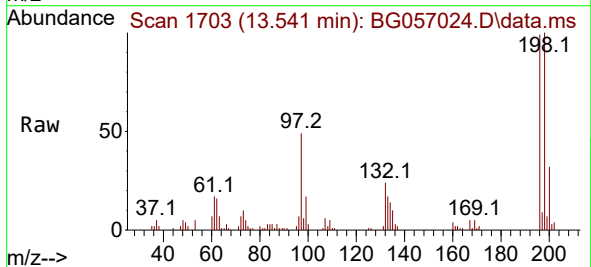
Instrument :
BNA_G
ClientSampleId :
PB151961BS

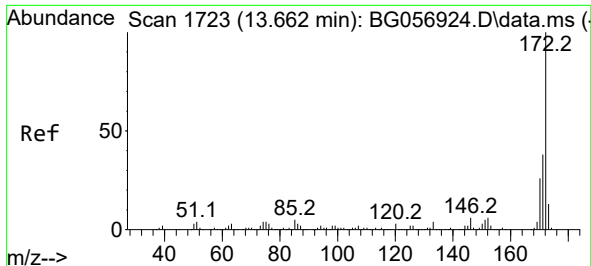
Tgt Ion:196 Resp: 46880
Ion Ratio Lower Upper
196 100
198 95.4 79.1 118.7
200 31.9 27.2 40.8



#44
2,4,5-Trichlorophenol
Concen: 39.961 ng
RT: 13.541 min Scan# 1703
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:196 Resp: 51596
Ion Ratio Lower Upper
196 100
198 101.0 82.5 123.7
97 49.3 37.0 55.6
132 23.8 17.1 25.7

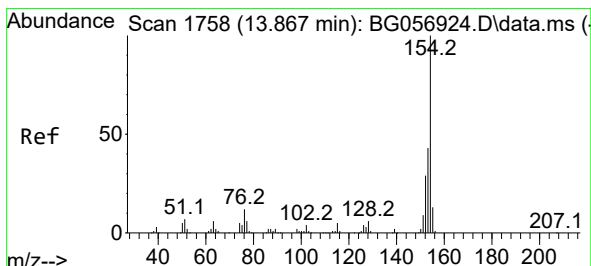
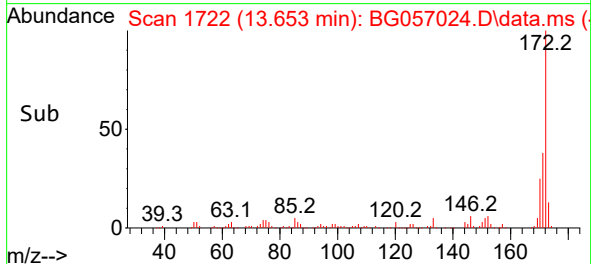
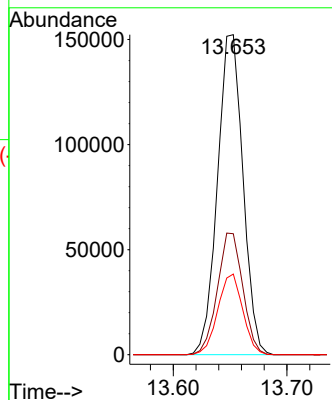
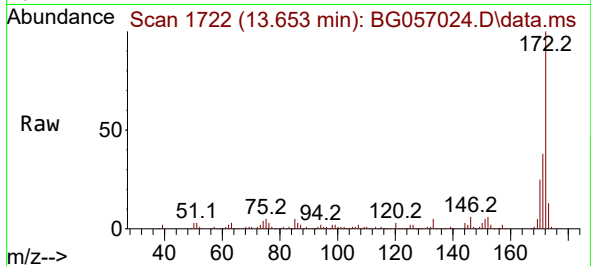




#45
2-Fluorobiphenyl
Concen: 65.319 ng
RT: 13.653 min Scan# 1722
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

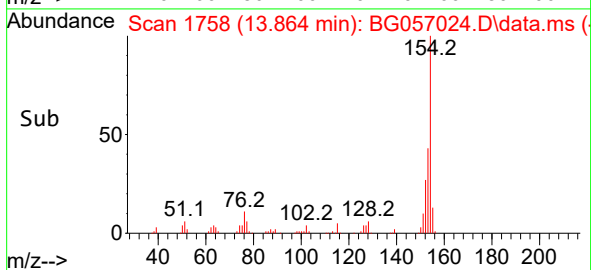
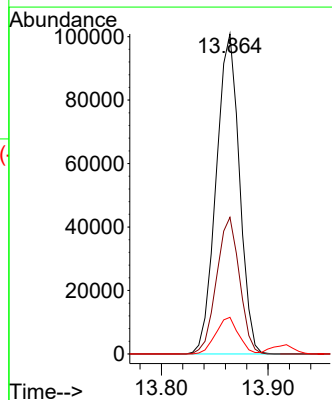
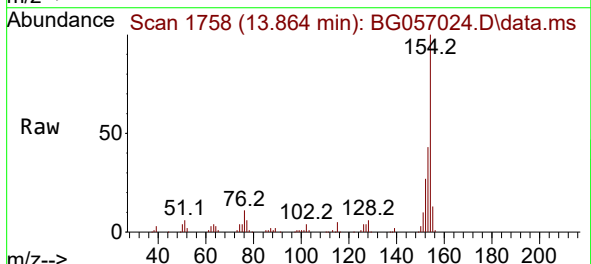
Instrument :
BNA_G
ClientSampleId :
PB151961BS

Tgt Ion:172 Resp: 237252
Ion Ratio Lower Upper
172 100
171 37.8 30.6 46.0
170 25.2 20.6 30.8



#46
1,1'-Biphenyl
Concen: 42.265 ng
RT: 13.864 min Scan# 1758
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:154 Resp: 152385
Ion Ratio Lower Upper
154 100
153 42.7 23.4 63.4
76 11.5 0.0 31.6

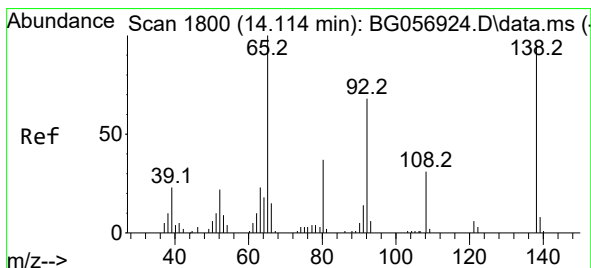
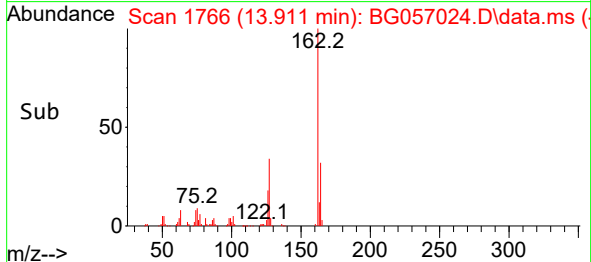
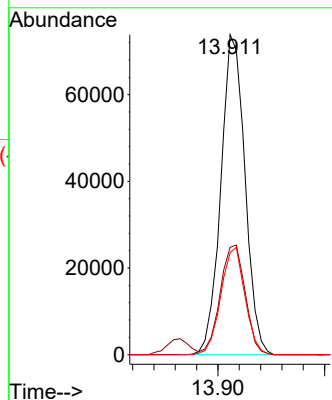
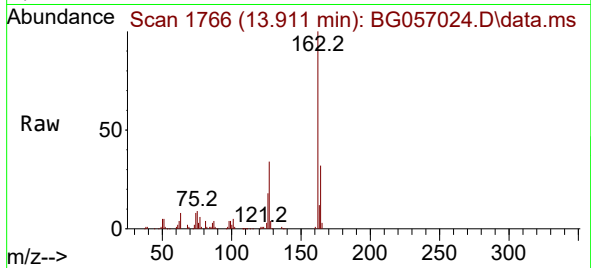




#47
2-Chloronaphthalene
Concen: 43.441 ng
RT: 13.911 min Scan# 1766
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

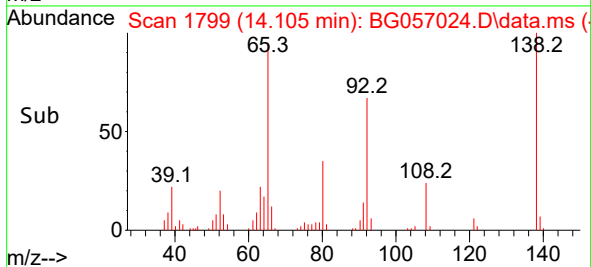
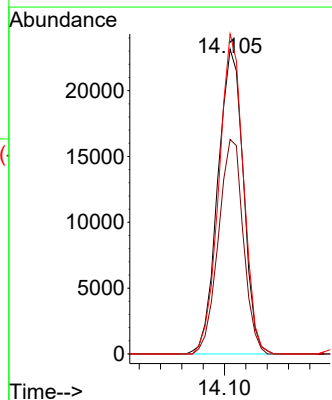
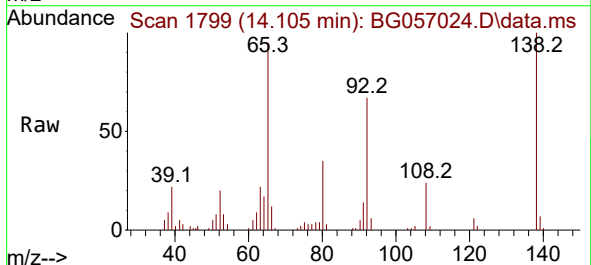
Instrument :
BNA_G
ClientSampleId :
PB151961BS

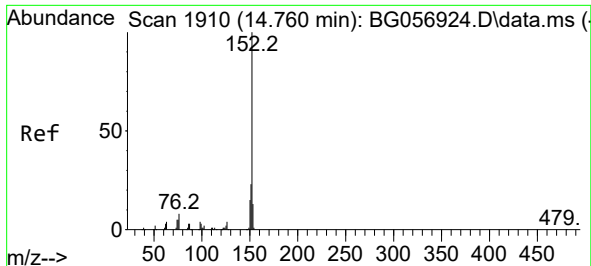
Tgt Ion:162 Resp: 115840
Ion Ratio Lower Upper
162 100
127 33.5 29.5 44.3
164 31.9 25.5 38.3



#48
2-Nitroaniline
Concen: 40.253 ng
RT: 14.105 min Scan# 1799
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion: 65 Resp: 38381
Ion Ratio Lower Upper
65 100
92 70.4 54.3 81.5
138 105.0 76.0 114.0

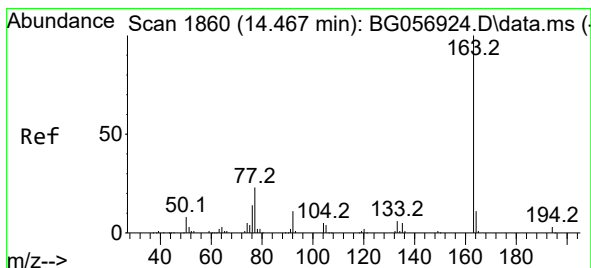
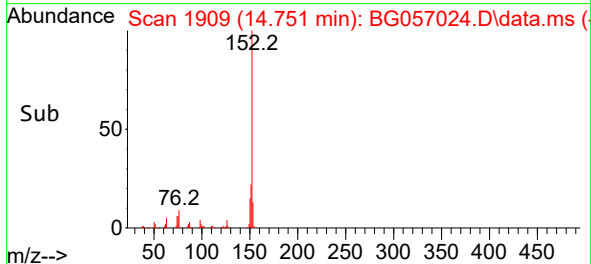
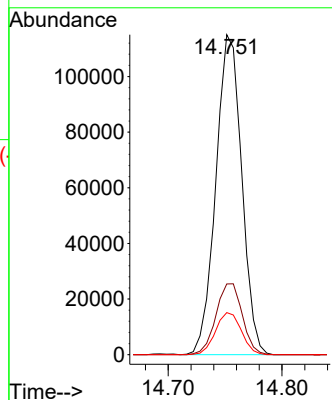
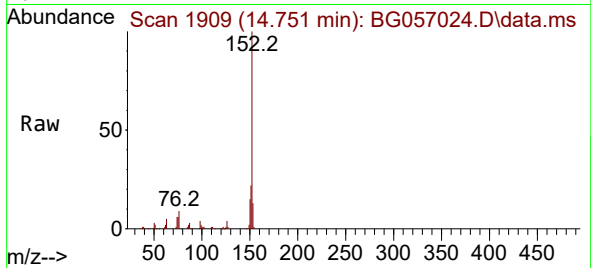




#49
Acenaphthylene
Concen: 41.558 ng
RT: 14.751 min Scan# 1910
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

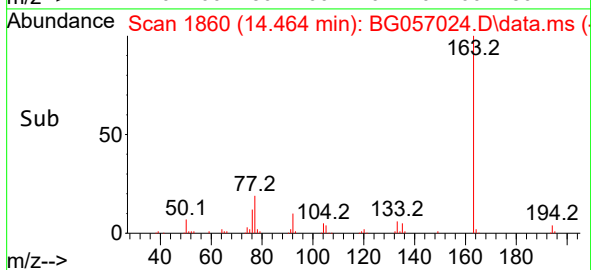
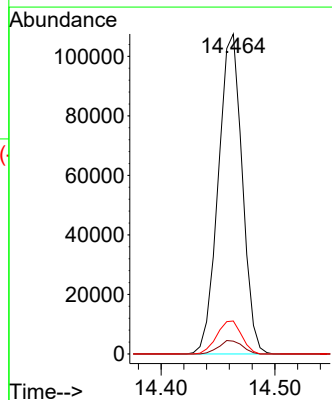
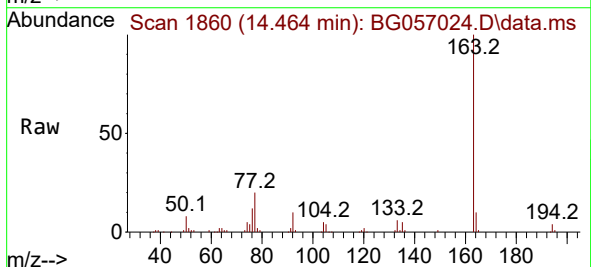
Instrument :
BNA_G
ClientSampleId :
PB151961BS

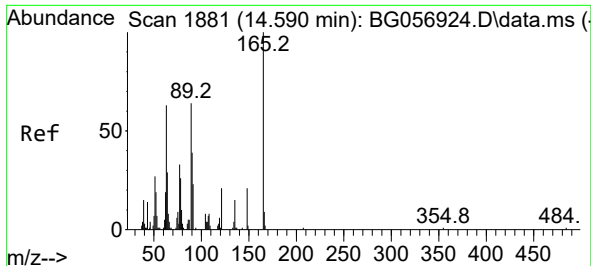
Tgt Ion:152 Resp: 182074
Ion Ratio Lower Upper
152 100
151 22.1 18.2 27.2
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 40.467 ng
RT: 14.464 min Scan# 1860
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:163 Resp: 157045
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 10.3 8.8 13.2

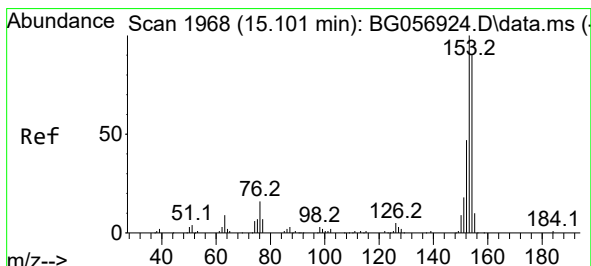
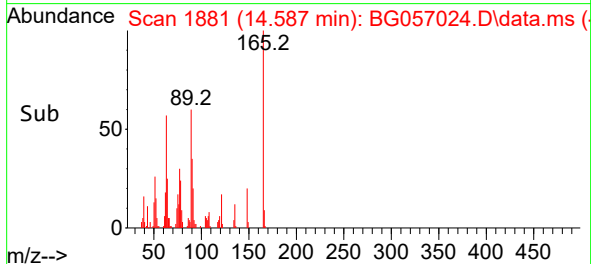
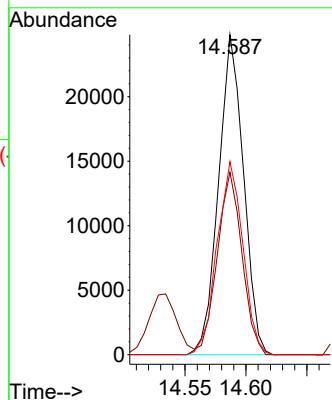
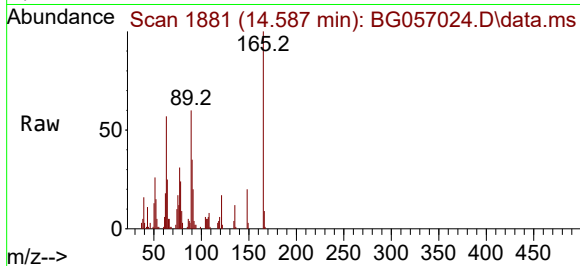




#51
2,6-Dinitrotoluene
Concen: 42.217 ng
RT: 14.587 min Scan# 1881
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

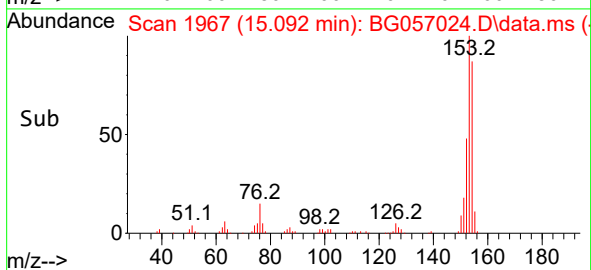
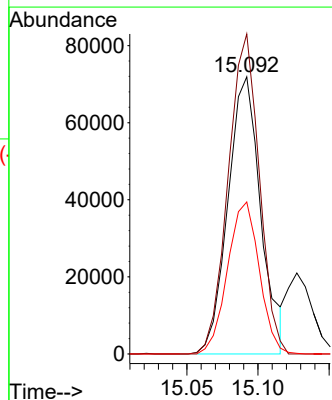
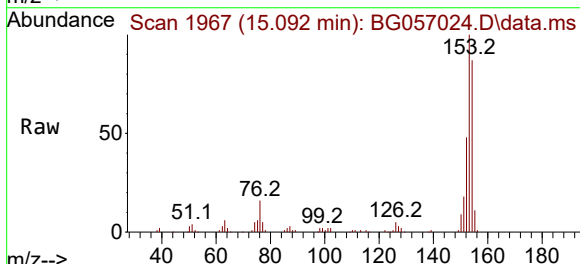
Instrument :
BNA_G
ClientSampleId :
PB151961BS

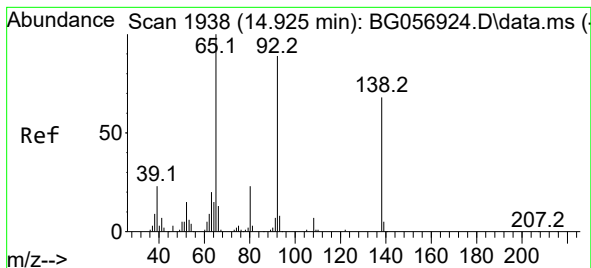
Tgt Ion:165 Resp: 35398
Ion Ratio Lower Upper
165 100
63 57.0 53.0 79.6
89 60.3 51.0 76.4



#52
Acenaphthene
Concen: 38.214 ng
RT: 15.092 min Scan# 1967
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:154 Resp: 115470
Ion Ratio Lower Upper
154 100
153 115.5 88.9 133.3
152 54.9 41.8 62.8

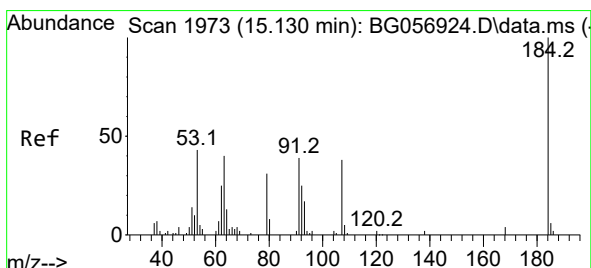
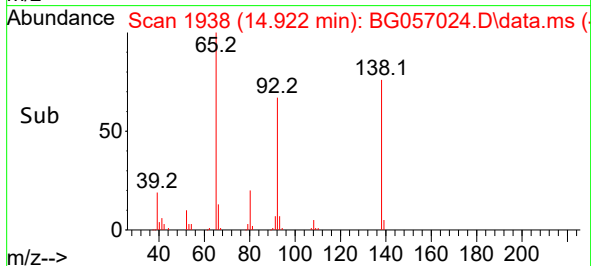
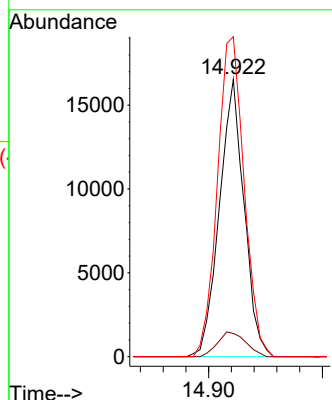
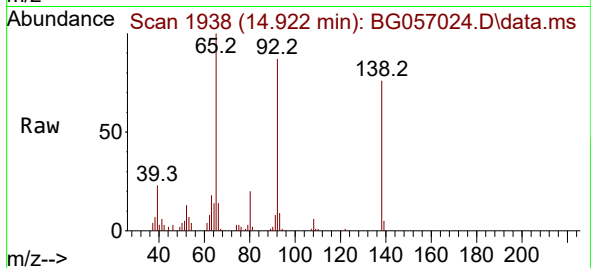




#53
3-Nitroaniline
Concen: 29.991 ng
RT: 14.922 min Scan# 1938
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

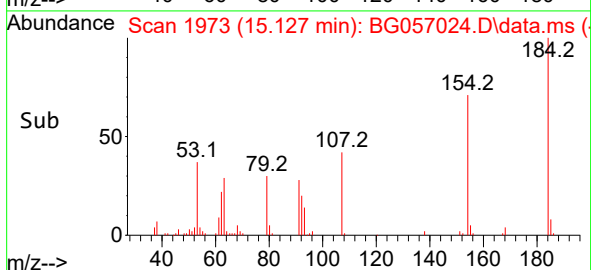
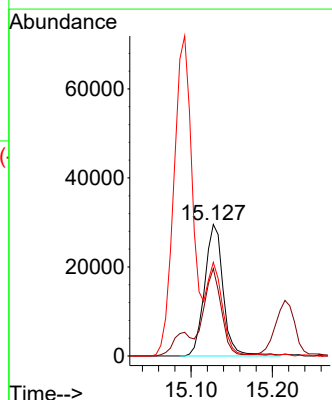
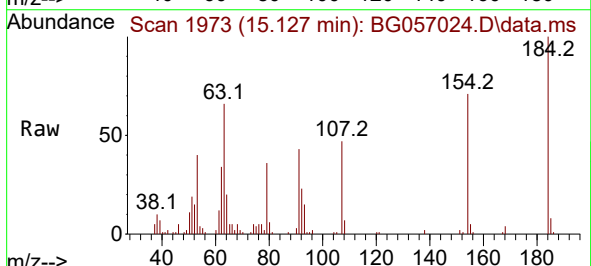
Instrument :
BNA_G
ClientSampleId :
PB151961BS

Tgt Ion:138 Resp: 24891
Ion Ratio Lower Upper
138 100
108 8.4 8.2 12.2
92 115.4 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 99.360 ng
RT: 15.127 min Scan# 1973
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:184 Resp: 46893
Ion Ratio Lower Upper
184 100
63 66.4 46.5 69.7
154 71.1 53.5 80.3

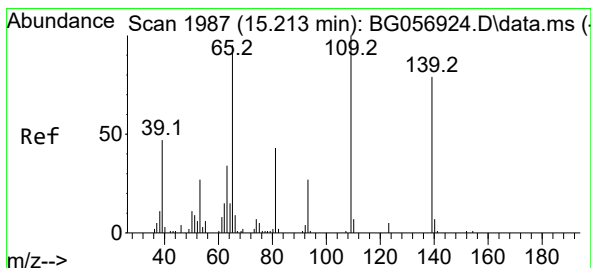
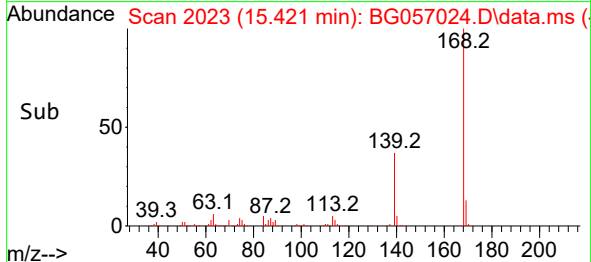
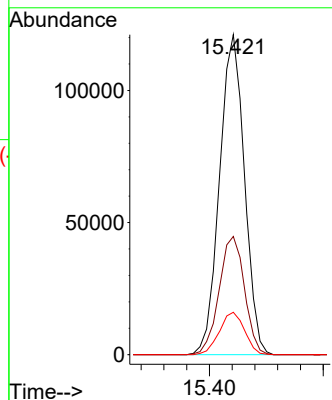
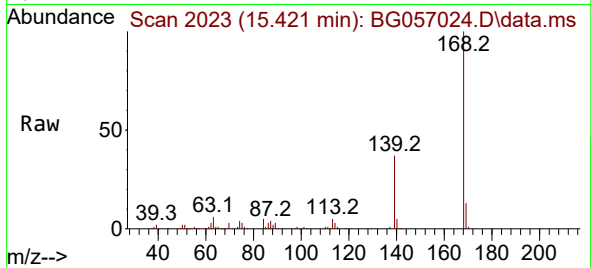




#55
Dibenzofuran
Concen: 40.596 ng
RT: 15.421 min Scan# 20
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

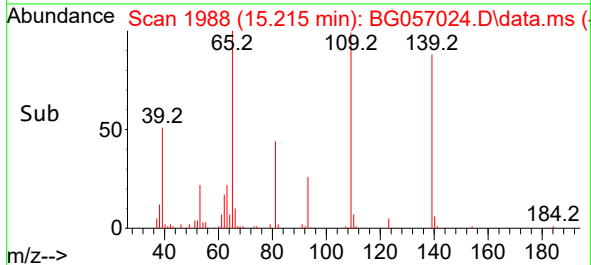
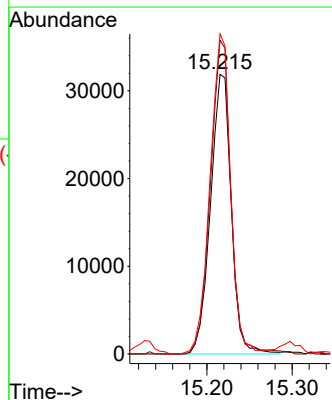
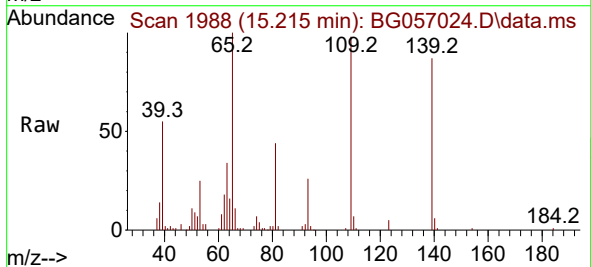
Instrument :
BNA_G
ClientSampleId :
PB151961BS

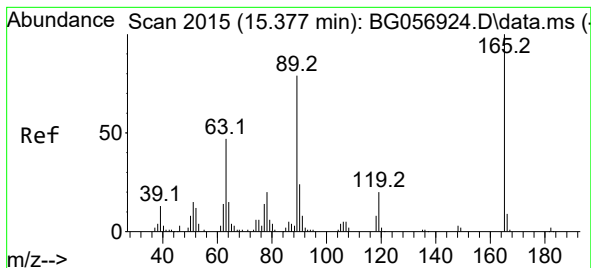
Tgt Ion:168 Resp: 184108
Ion Ratio Lower Upper
168 100
139 37.0 28.9 43.3
169 13.3 9.8 14.6



#56
4-Nitrophenol
Concen: 87.498 ng
RT: 15.215 min Scan# 1988
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:139 Resp: 53699
Ion Ratio Lower Upper
139 100
109 112.1 106.7 146.7
65 114.4 100.5 140.5

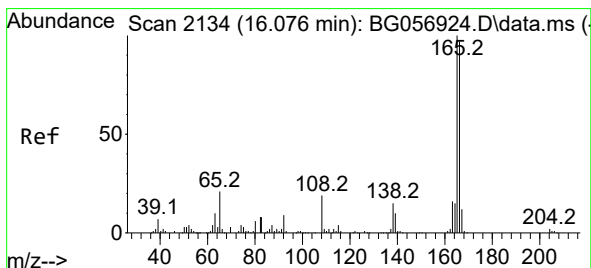
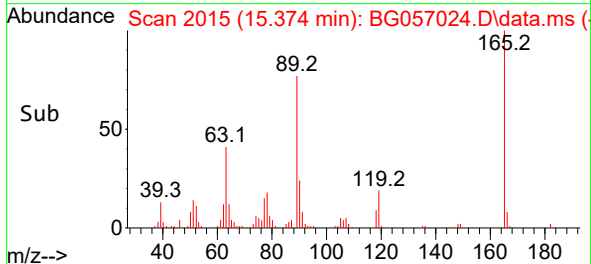
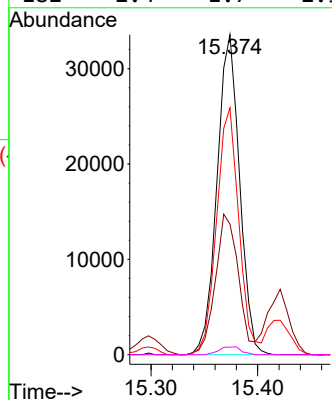
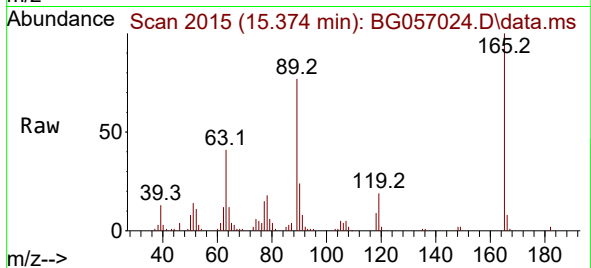




#57
2,4-Dinitrotoluene
Concen: 41.731 ng
RT: 15.374 min Scan# 2015
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

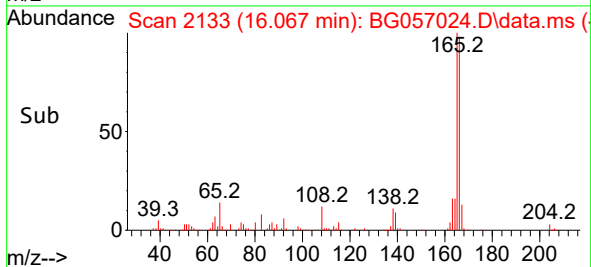
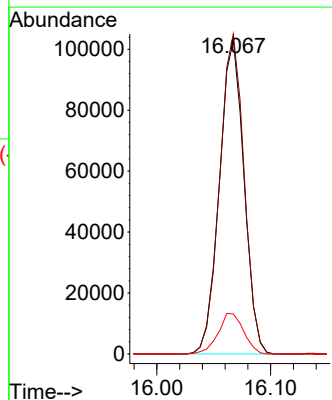
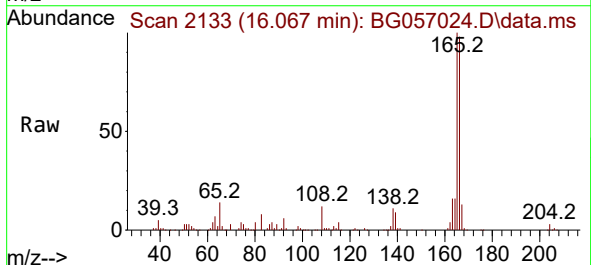
Instrument :
BNA_G
ClientSampleId :
PB151961BS

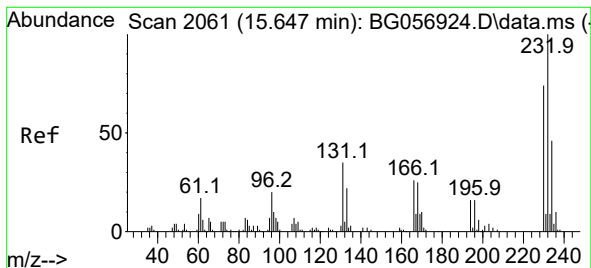
Tgt Ion:165 Resp: 49351
Ion Ratio Lower Upper
165 100
63 40.8 37.7 56.5
89 77.1 63.2 94.8
182 2.4 1.7 2.5



#58
Fluorene
Concen: 41.128 ng
RT: 16.067 min Scan# 2133
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:166 Resp: 154345
Ion Ratio Lower Upper
166 100
165 102.0 82.6 123.8
167 12.8 10.2 15.2

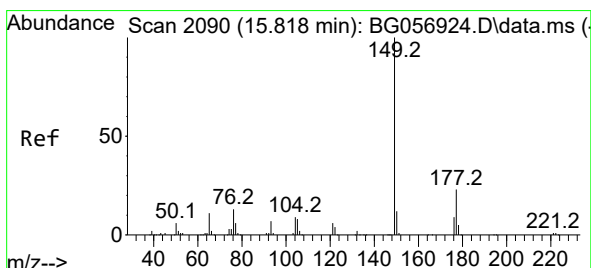
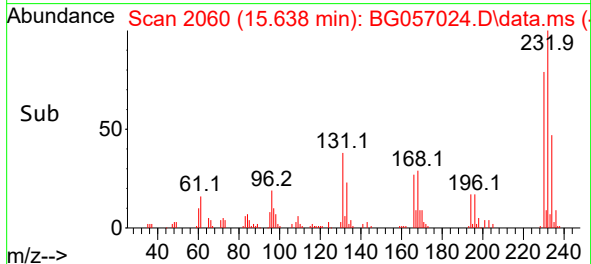
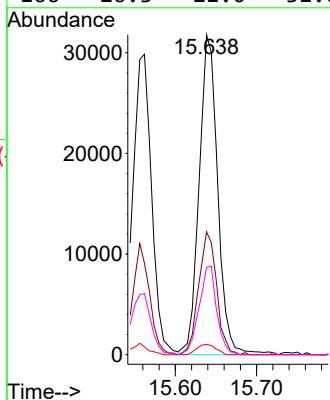
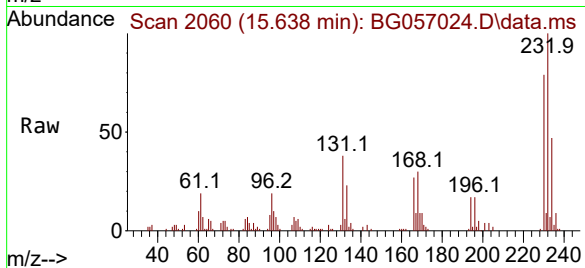




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.030 ng
RT: 15.638 min Scan# 2060
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

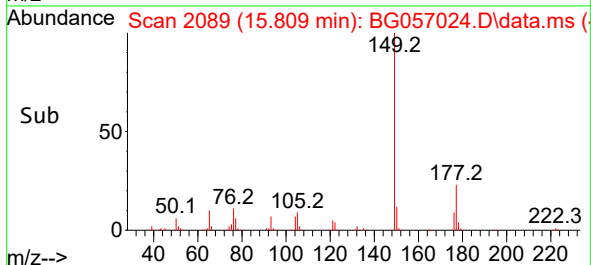
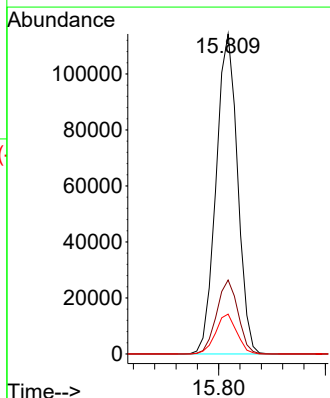
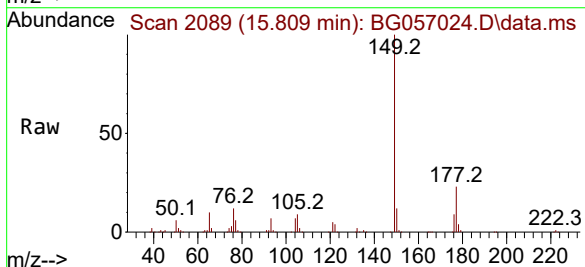
Instrument :
BNA_G
ClientSampleId :
PB151961BS

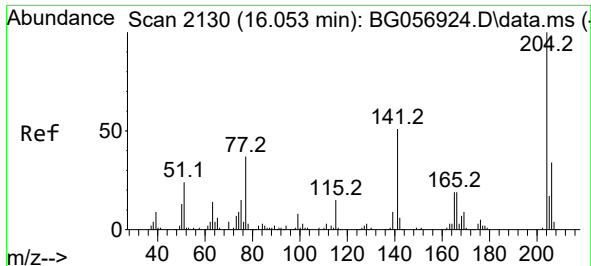
Tgt Ion:232 Resp: 50587
Ion Ratio Lower Upper
232 100
131 37.3 29.3 43.9
130 3.3 1.7 2.5#
166 26.3 21.0 31.6



#60
Diethylphthalate
Concen: 40.911 ng
RT: 15.809 min Scan# 2089
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:149 Resp: 159164
Ion Ratio Lower Upper
149 100
177 23.1 18.8 28.2
150 12.4 9.4 14.2

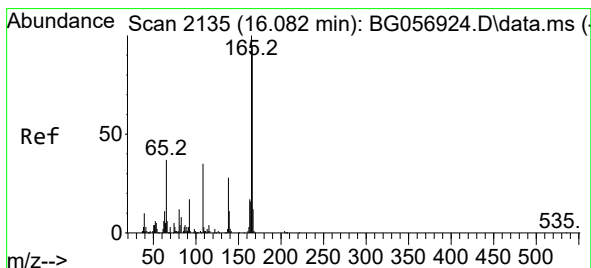
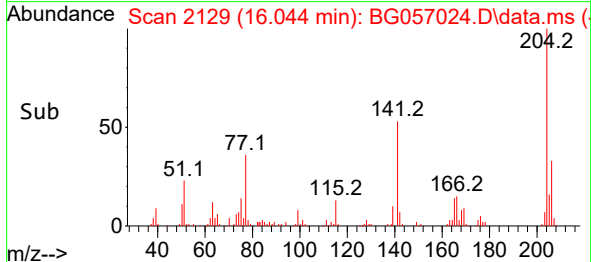
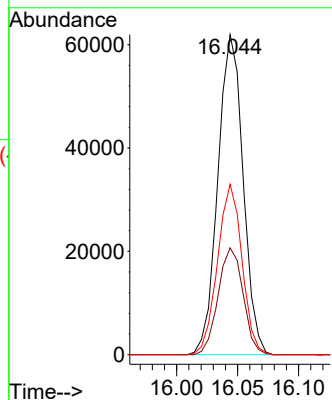
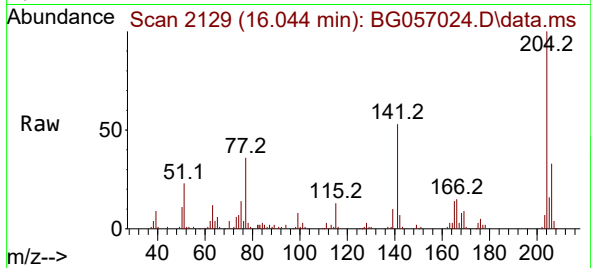




#61
4-Chlorophenyl-phenylether
Concen: 40.469 ng
RT: 16.044 min Scan# 2129
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

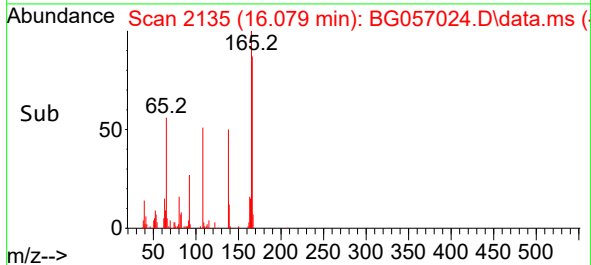
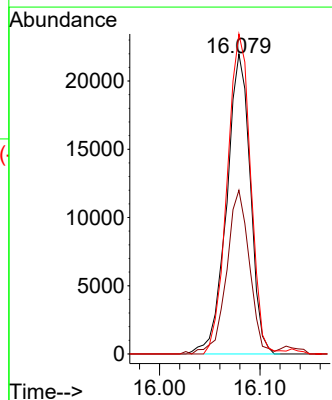
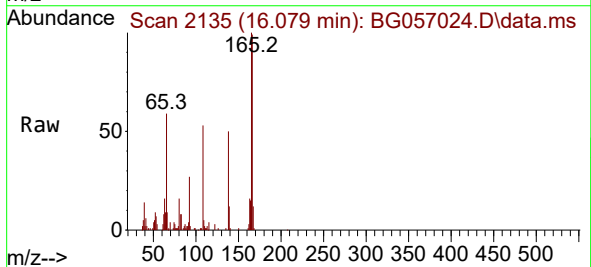
Instrument :
BNA_G
ClientSampleId :
PB151961BS

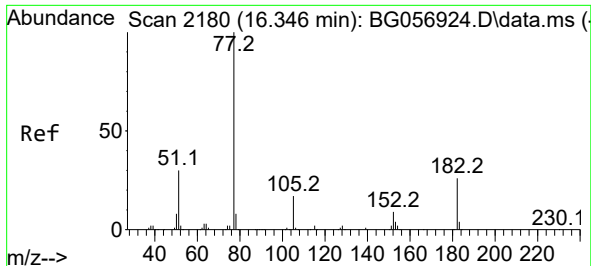
Tgt Ion:204 Resp: 89167
Ion Ratio Lower Upper
204 100
206 33.4 27.2 40.8
141 53.2 40.7 61.1



#62
4-Nitroaniline
Concen: 41.838 ng
RT: 16.079 min Scan# 2135
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:138 Resp: 35976
Ion Ratio Lower Upper
138 100
92 54.5 40.9 80.9
108 106.7 104.3 144.3

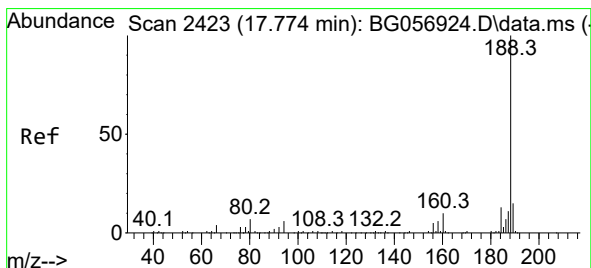
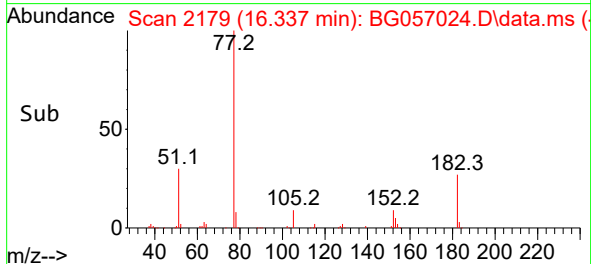
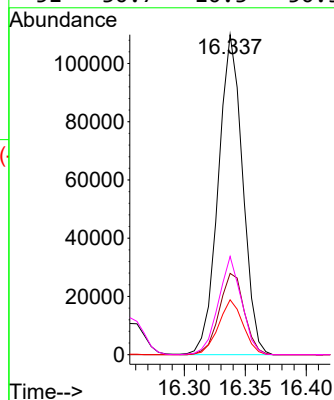
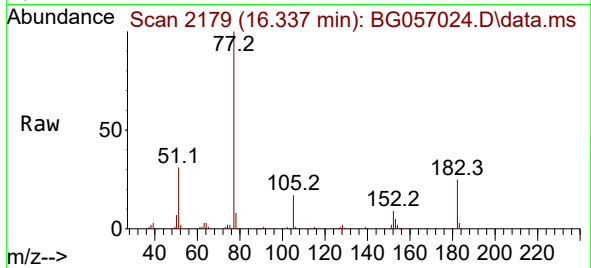




#63
Azobenzene
Concen: 39.467 ng
RT: 16.337 min Scan# 2180
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

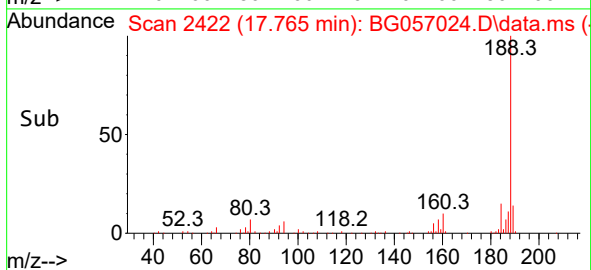
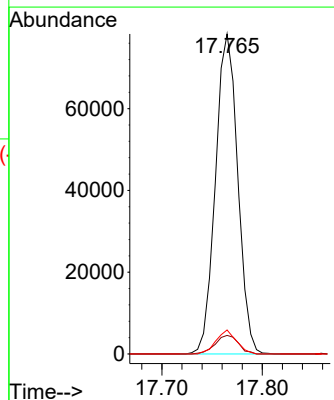
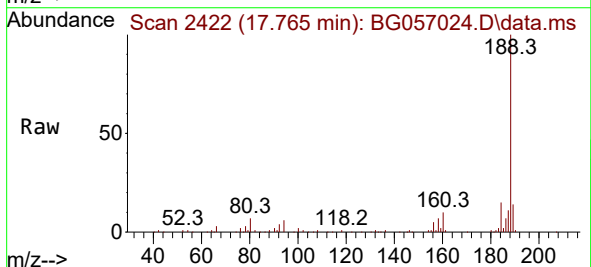
Instrument :
BNA_G
ClientSampleId :
PB151961BS

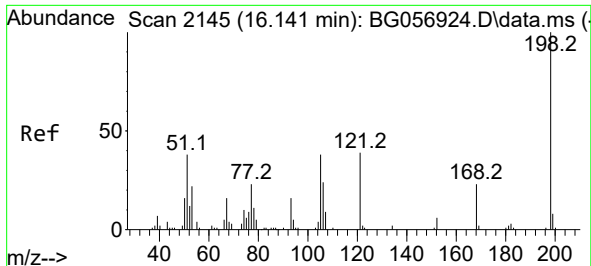
Tgt Ion: 77 Resp: 153021
Ion Ratio Lower Upper
77 100
182 25.4 5.9 45.9
105 17.1 0.0 36.8
51 30.7 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.765 min Scan# 2422
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:188 Resp: 120537
Ion Ratio Lower Upper
188 100
94 5.8 4.6 6.8
80 7.5 5.5 8.3

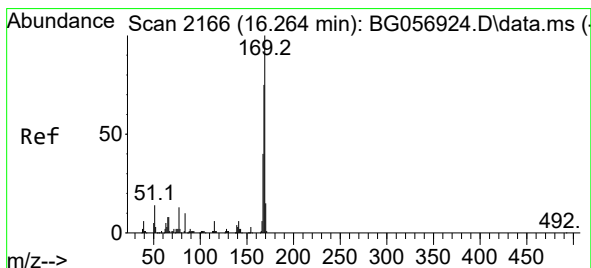
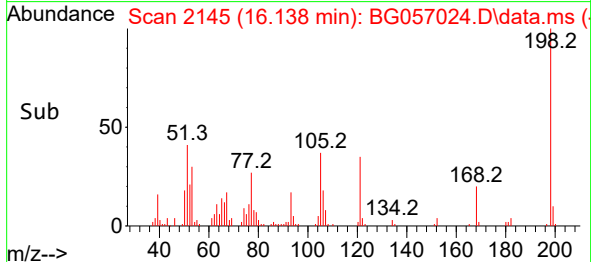
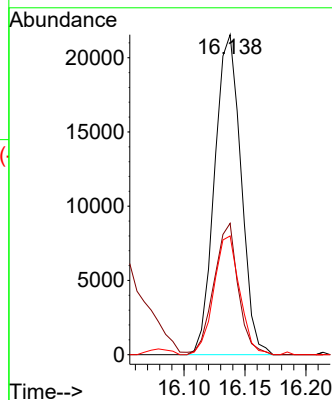
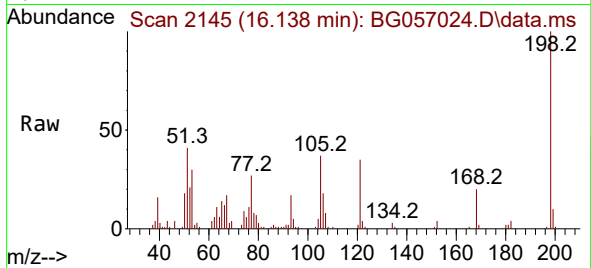




#65
4,6-Dinitro-2-methylphenol
Concen: 44.429 ng
RT: 16.138 min Scan# 2145
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

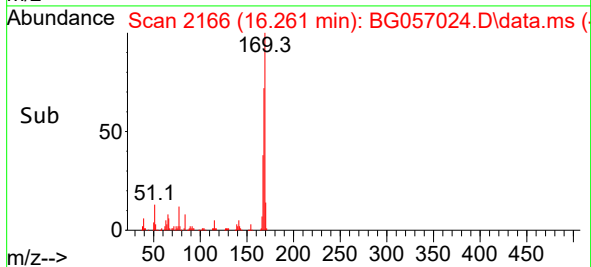
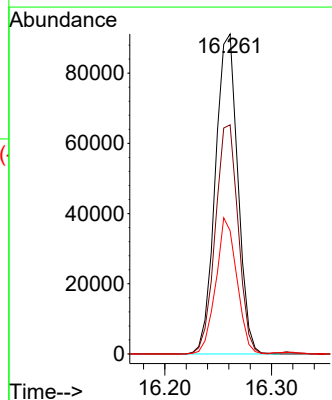
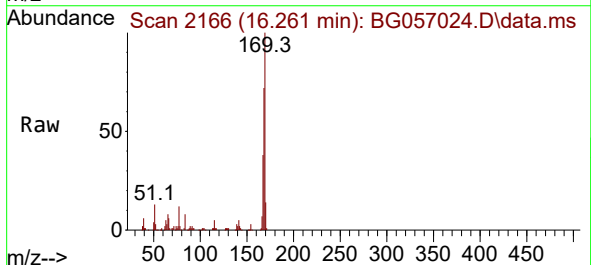
Instrument :
BNA_G
ClientSampleId :
PB151961BS

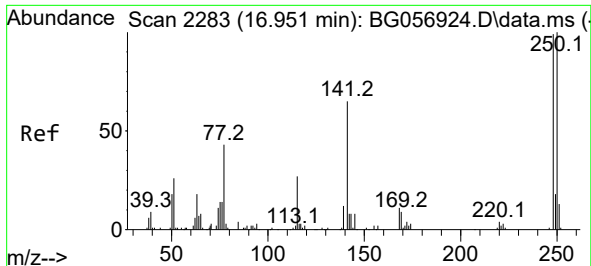
Tgt Ion:198 Resp: 32434
Ion Ratio Lower Upper
198 100
51 41.0 20.5 60.5
105 37.1 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 41.210 ng
RT: 16.261 min Scan# 2166
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:169 Resp: 133344
Ion Ratio Lower Upper
169 100
168 71.6 59.6 89.4
167 38.5 31.8 47.8

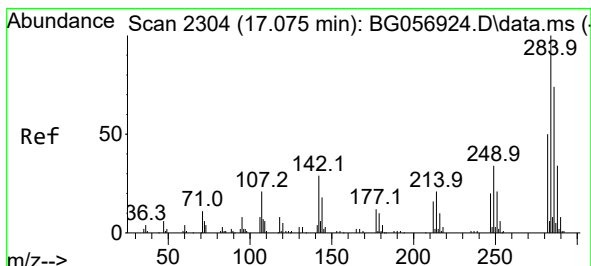
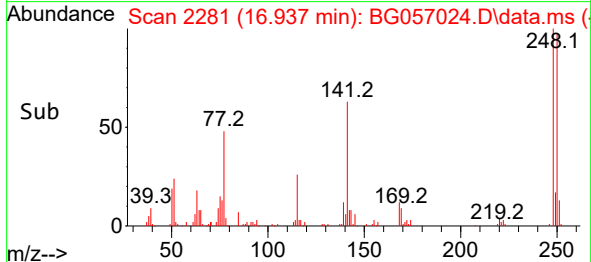
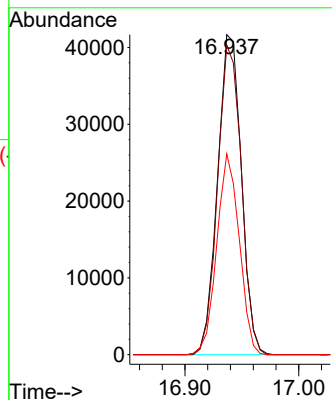
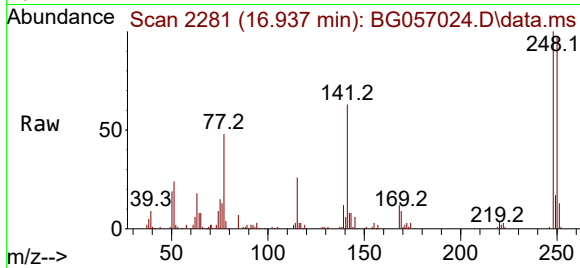




#67
4-Bromophenyl-phenylether
Concen: 40.738 ng
RT: 16.937 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

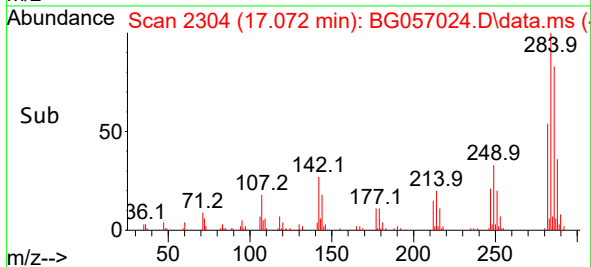
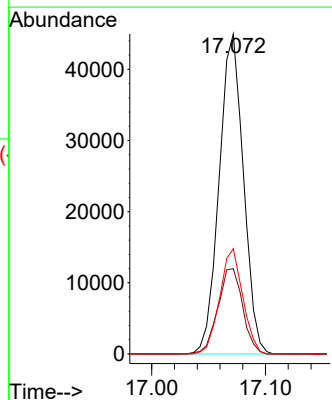
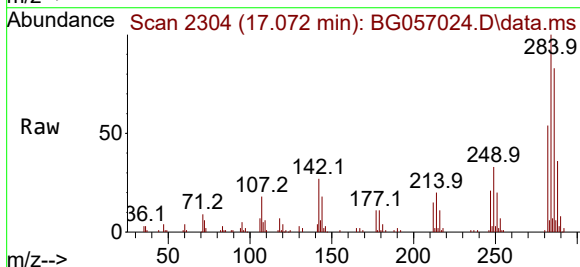
Instrument :
BNA_G
ClientSampleId :
PB151961BS

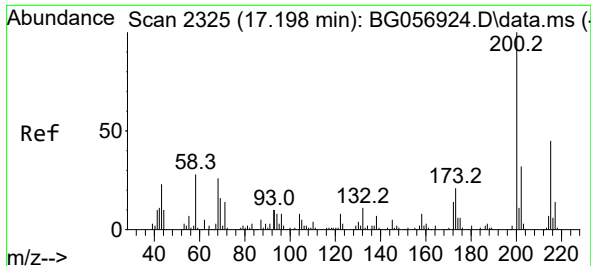
Tgt Ion:248 Resp: 60758
Ion Ratio Lower Upper
248 100
250 96.8 80.5 120.7
141 62.8 52.0 78.0



#68
Hexachlorobenzene
Concen: 45.229 ng
RT: 17.072 min Scan# 2304
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:284 Resp: 66690
Ion Ratio Lower Upper
284 100
142 26.6 23.0 34.4
249 32.9 27.1 40.7

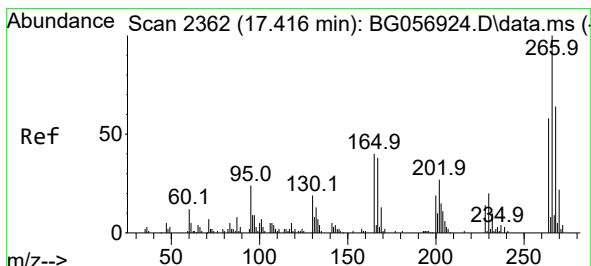
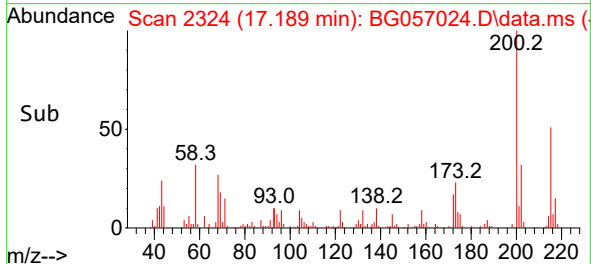
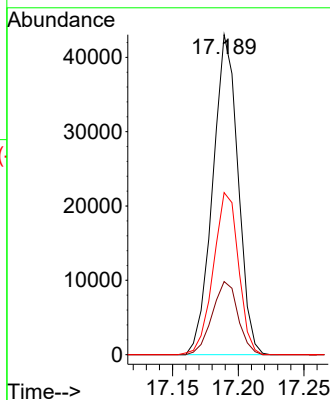
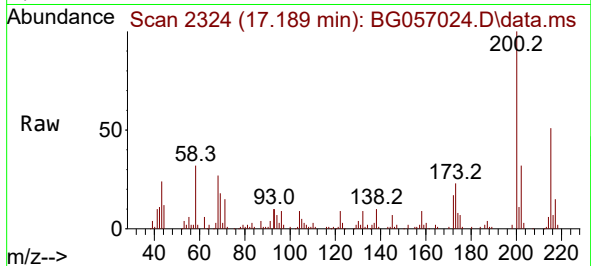




#69
 Atrazine
 Concen: 42.913 ng
 RT: 17.189 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG057024.D
 Acq: 7 Apr 2023 13:11

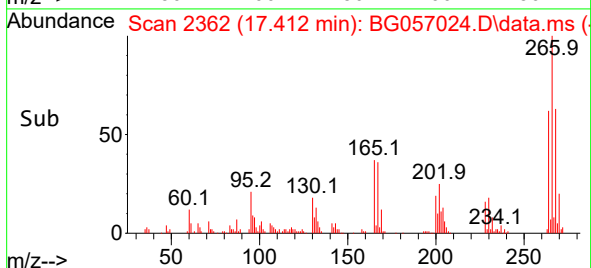
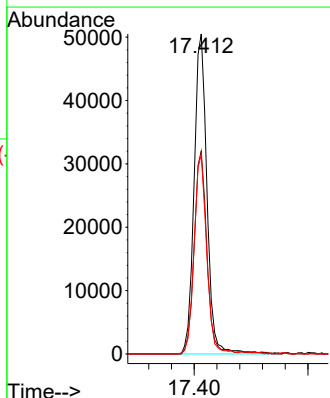
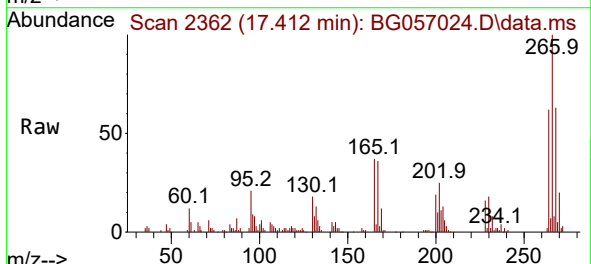
Instrument :
 BNA_G
 ClientSampleId :
 PB151961BS

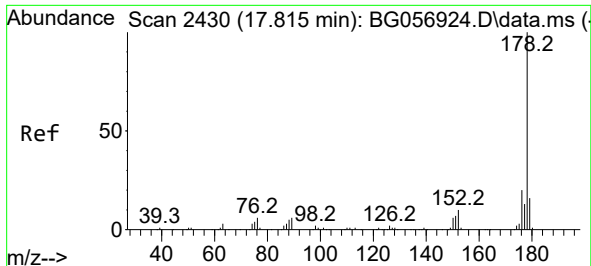
Tgt Ion:200 Resp: 57639
 Ion Ratio Lower Upper
 200 100
 173 22.9 1.0 41.0
 215 50.7 25.0 65.0



#70
 Pentachlorophenol
 Concen: 75.379 ng
 RT: 17.412 min Scan# 2362
 Delta R.T. 0.005 min
 Lab File: BG057024.D
 Acq: 7 Apr 2023 13:11

Tgt Ion:266 Resp: 79738
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.0 76.6
 264 62.3 46.8 70.2

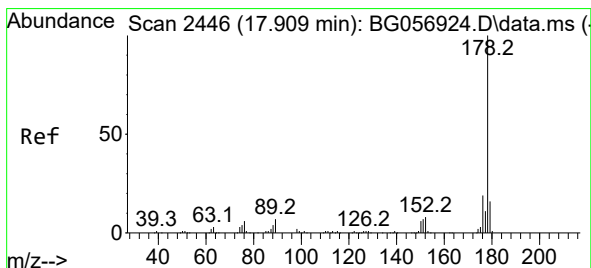
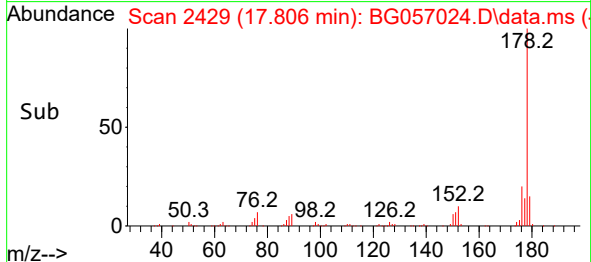
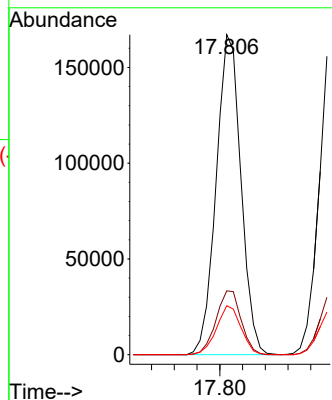
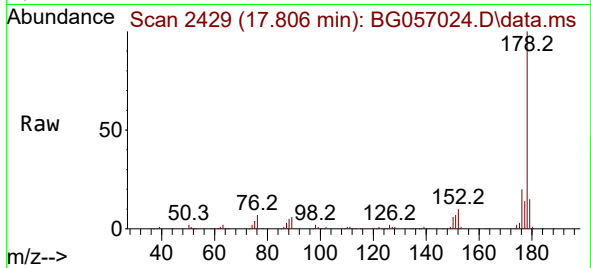




#71
Phenanthrene
Concen: 41.138 ng
RT: 17.806 min Scan# 2430
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

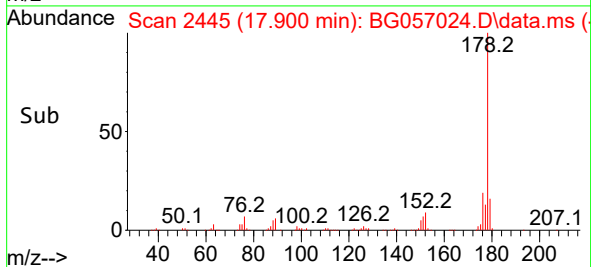
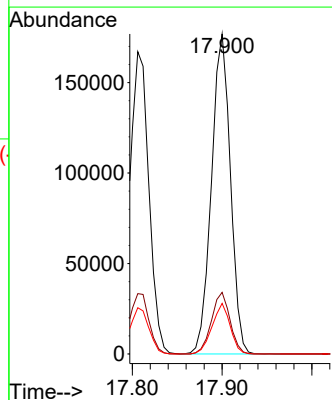
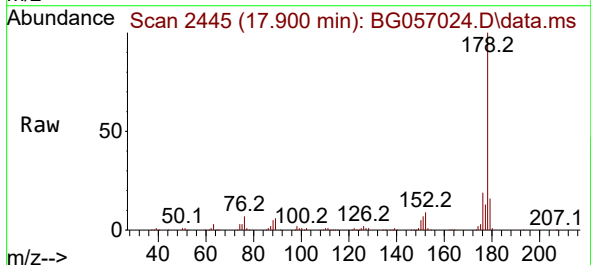
Instrument :
BNA_G
ClientSampleId :
PB151961BS

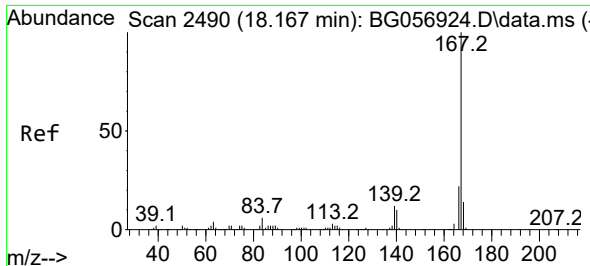
Tgt Ion:178 Resp: 252817
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 15.3 12.5 18.7



#72
Anthracene
Concen: 41.151 ng
RT: 17.900 min Scan# 2445
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:178 Resp: 259252
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.8 12.4 18.6

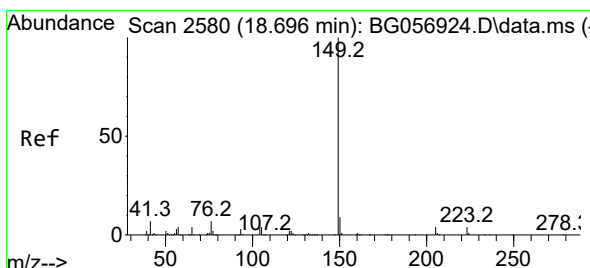
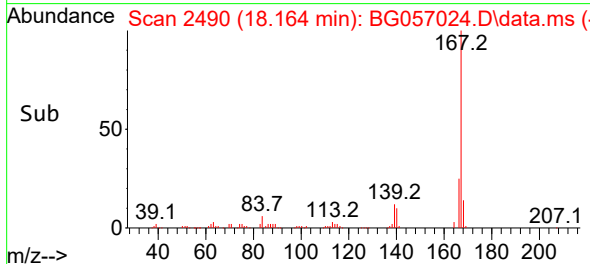
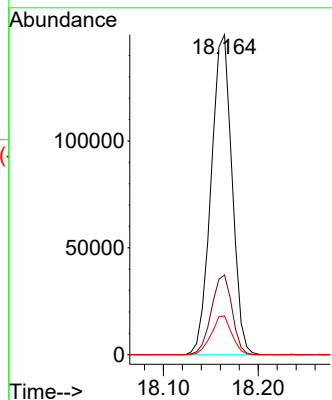
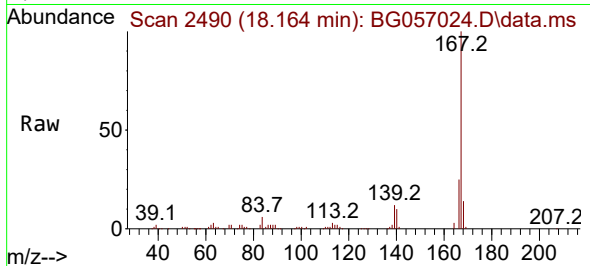




#73
 Carbazole
 Concen: 41.638 ng
 RT: 18.164 min Scan# 2490
 Delta R.T. 0.005 min
 Lab File: BG057024.D
 Acq: 7 Apr 2023 13:11

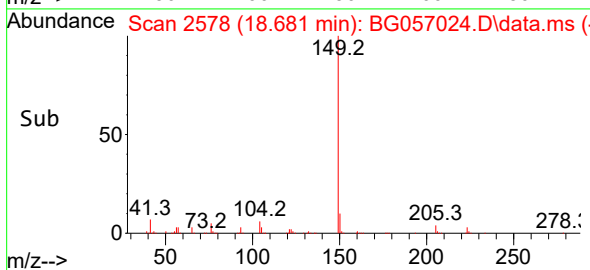
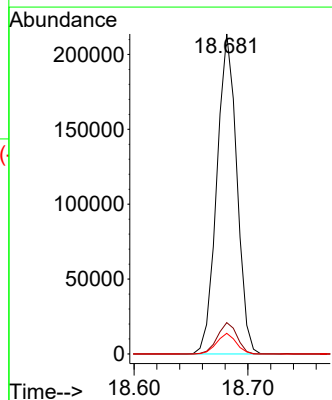
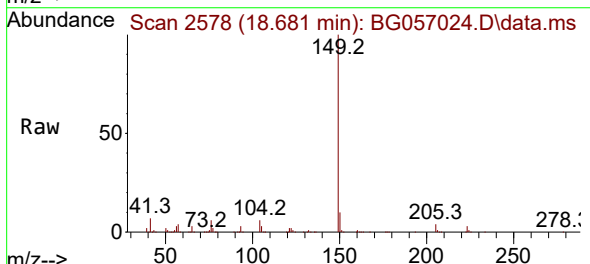
Instrument :
 BNA_G
 ClientSampleId :
 PB151961BS

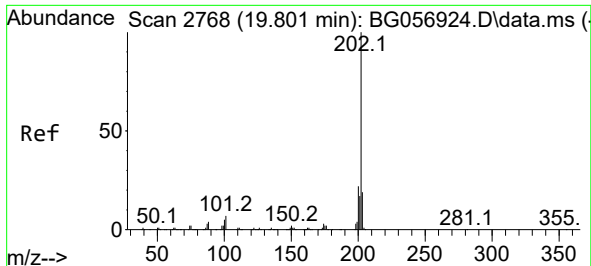
Tgt Ion:167 Resp: 228707
 Ion Ratio Lower Upper
 167 100
 166 24.9 17.9 26.9
 139 12.1 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 41.063 ng
 RT: 18.681 min Scan# 2578
 Delta R.T. -0.001 min
 Lab File: BG057024.D
 Acq: 7 Apr 2023 13:11

Tgt Ion:149 Resp: 261181
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.4 11.0
 104 6.4 4.9 7.3

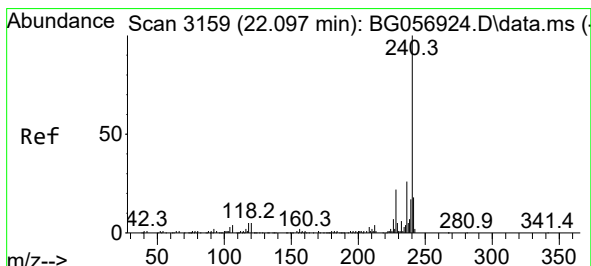
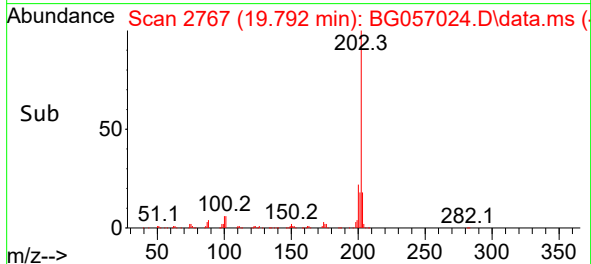
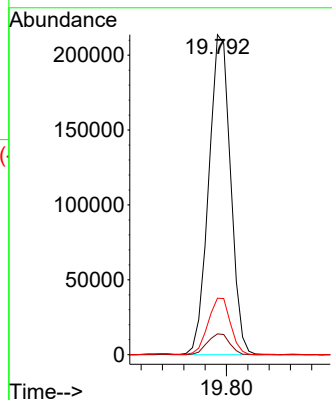
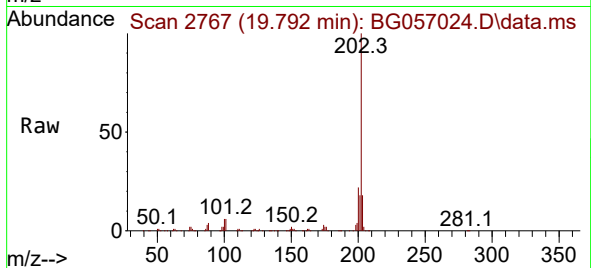




#75
Fluoranthene
Concen: 38.977 ng
RT: 19.792 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

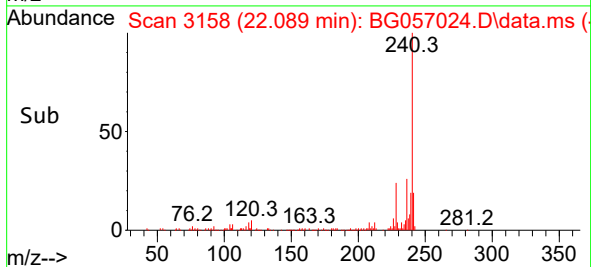
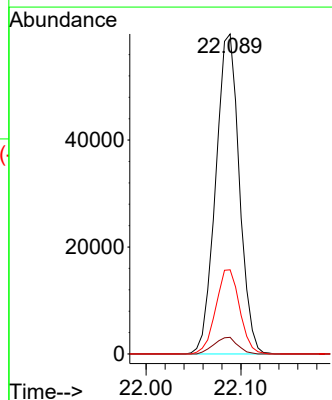
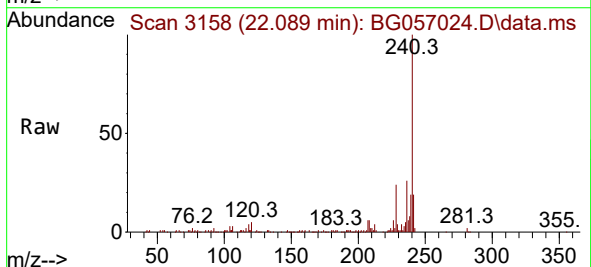
Instrument :
BNA_G
ClientSampleId :
PB151961BS

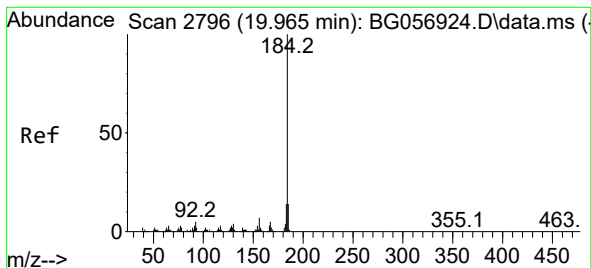
Tgt Ion:202 Resp: 303648
Ion Ratio Lower Upper
202 100
101 6.5 0.0 26.7
203 17.7 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.089 min Scan# 3158
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:240 Resp: 103612
Ion Ratio Lower Upper
240 100
120 5.2 3.8 5.6
236 26.3 21.0 31.6





#77

Benzidine

Concen: 51.816 ng

RT: 19.956 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

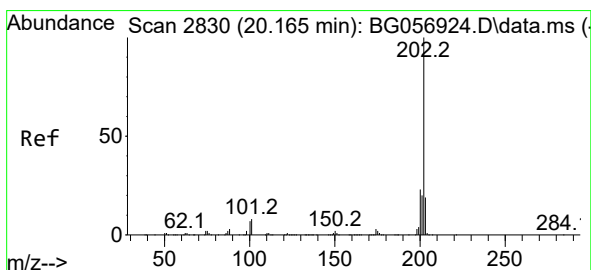
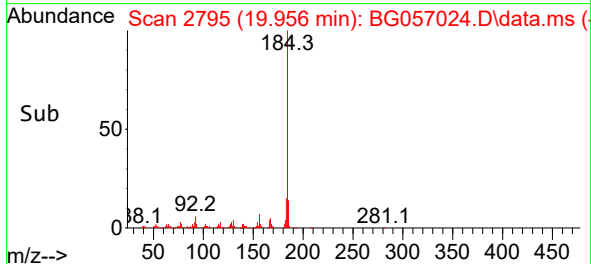
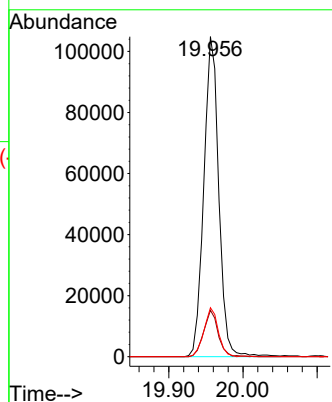
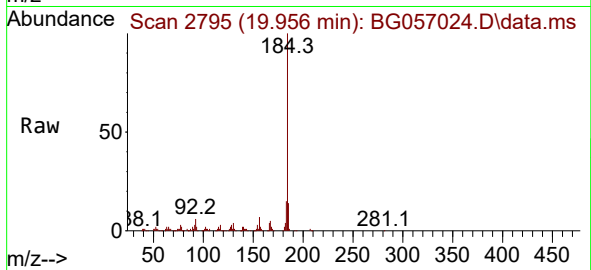
Tgt Ion:184 Resp: 146746

Ion Ratio Lower Upper

184 100

185 14.5 11.0 16.4

183 15.3 11.4 17.0



#78

Pyrene

Concen: 42.189 ng

RT: 20.156 min Scan# 2829

Delta R.T. 0.005 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

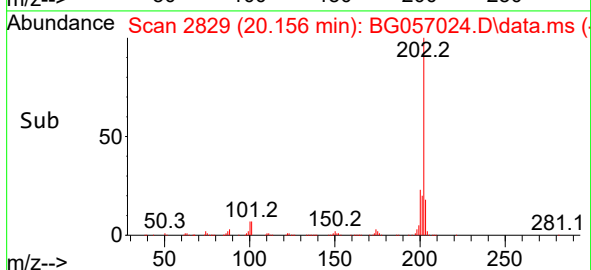
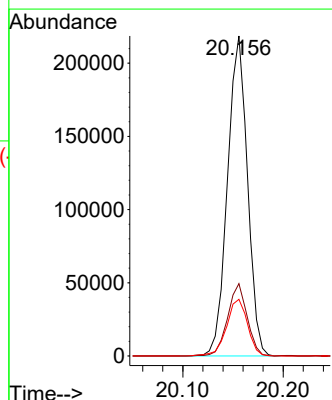
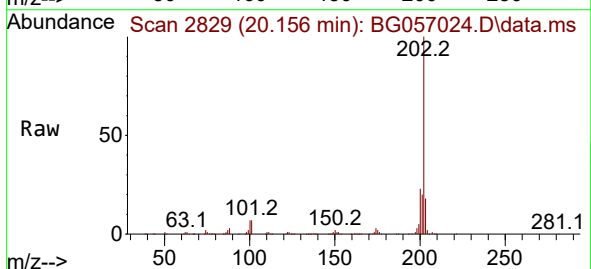
Tgt Ion:202 Resp: 302338

Ion Ratio Lower Upper

202 100

200 22.6 18.7 28.1

203 17.7 15.4 23.2

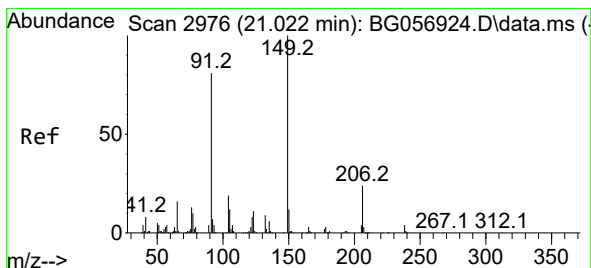
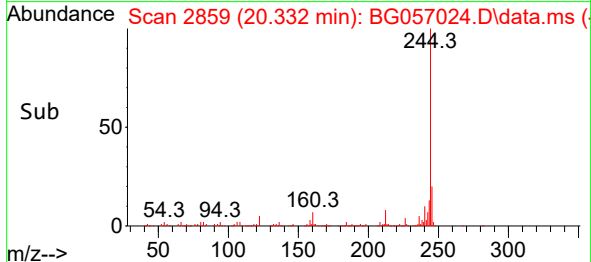
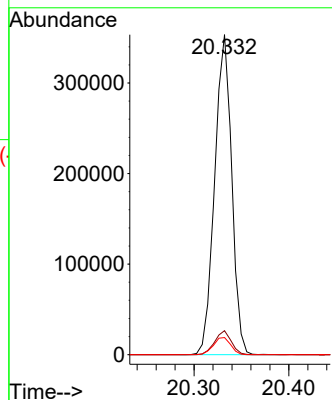
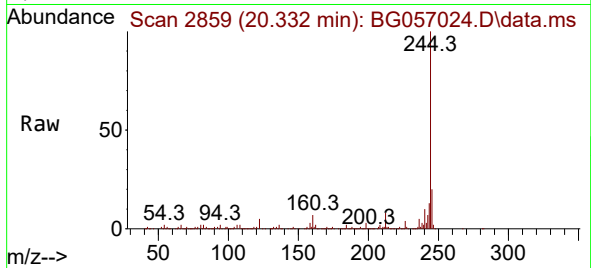




#79
 Terphenyl-d14
 Concen: 71.886 ng
 RT: 20.332 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG057024.D
 Acq: 7 Apr 2023 13:11

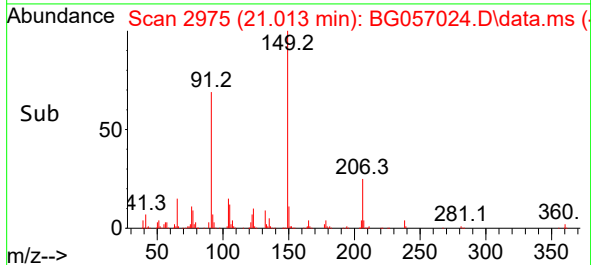
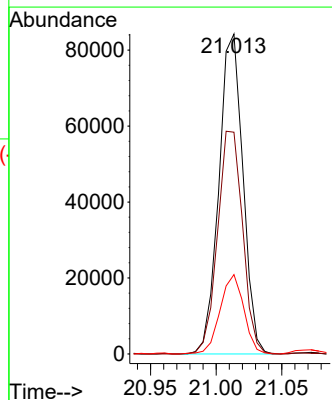
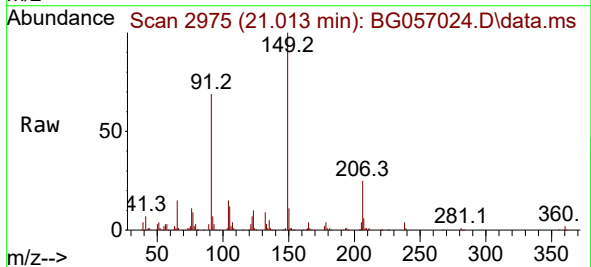
Instrument :
 BNA_G
 ClientSampleId :
 PB151961BS

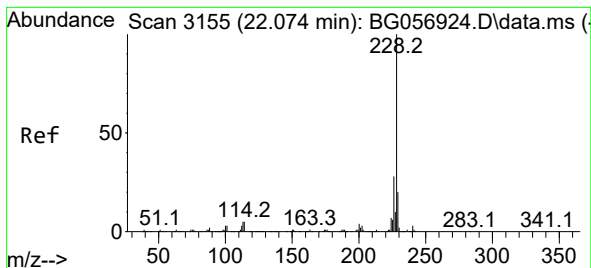
Tgt Ion:244 Resp: 440161
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 5.3 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 43.478 ng
 RT: 21.013 min Scan# 2975
 Delta R.T. 0.005 min
 Lab File: BG057024.D
 Acq: 7 Apr 2023 13:11

Tgt Ion:149 Resp: 107219
 Ion Ratio Lower Upper
 149 100
 91 69.3 64.4 96.6
 206 24.8 18.9 28.3





#81

Benzo(a)anthracene

Concen: 40.995 ng

RT: 22.065 min Scan# 3154

Delta R.T. 0.005 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

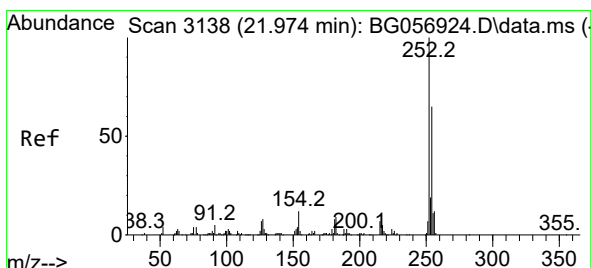
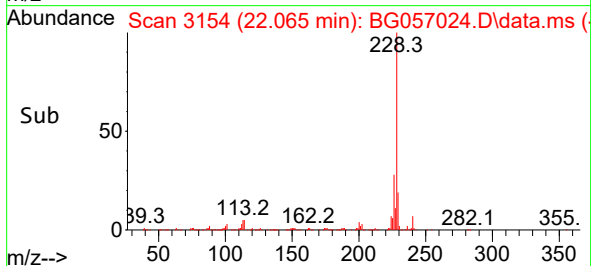
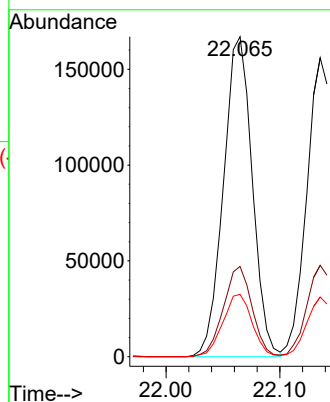
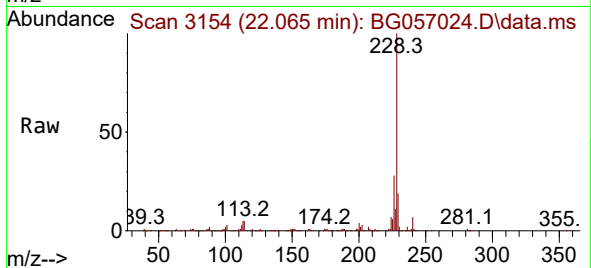
Tgt Ion:228 Resp: 293932

Ion Ratio Lower Upper

228 100

226 28.2 22.1 33.1

229 19.5 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 31.324 ng

RT: 21.959 min Scan# 3136

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

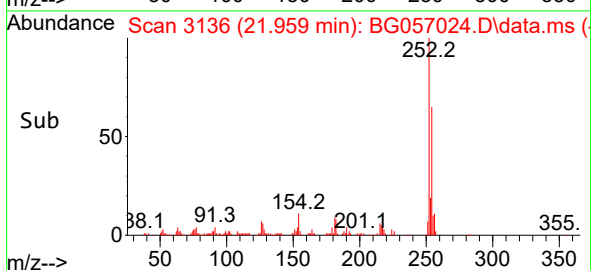
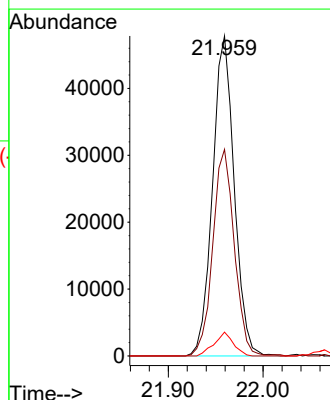
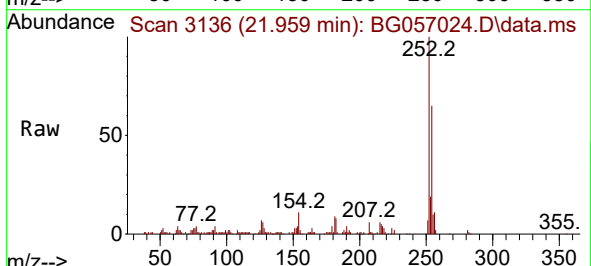
Tgt Ion:252 Resp: 75839

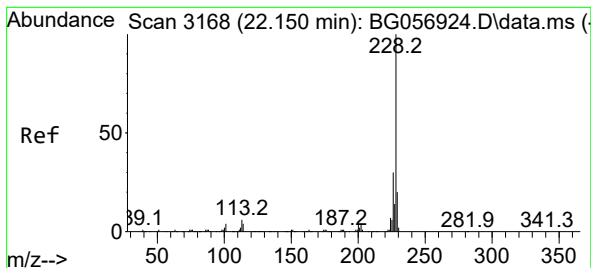
Ion Ratio Lower Upper

252 100

254 64.6 51.7 77.5

126 7.5 5.6 8.4





#83

Chrysene

Concen: 40.068 ng

RT: 22.136 min Scan# 3166

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

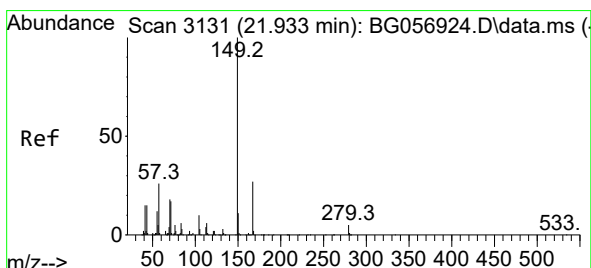
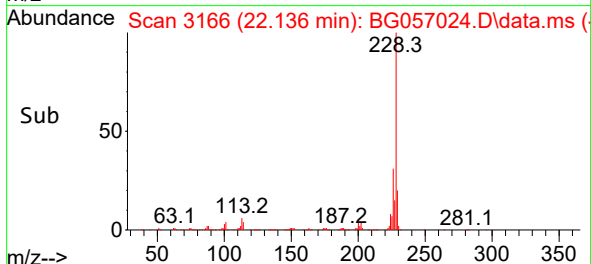
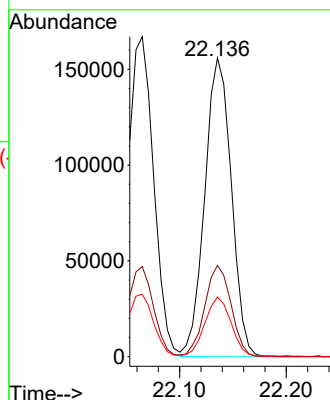
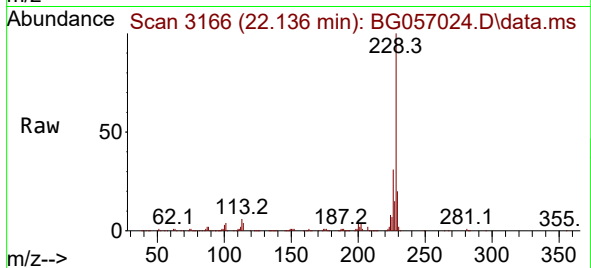
Tgt Ion:228 Resp: 268991

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.845 ng

RT: 21.912 min Scan# 3128

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

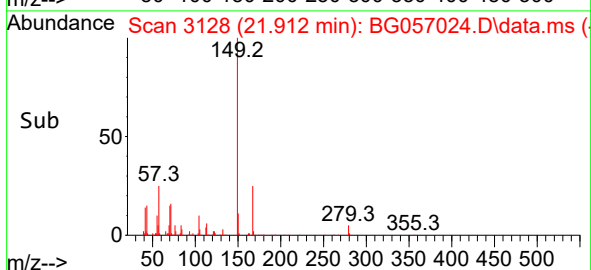
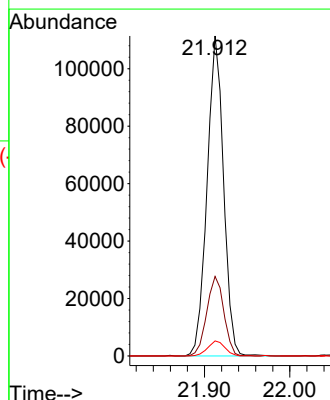
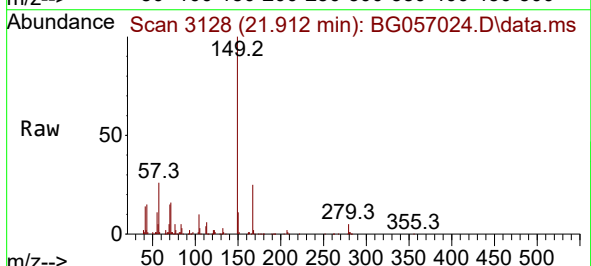
Tgt Ion:149 Resp: 149427

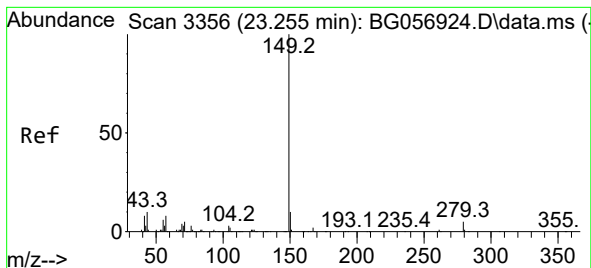
Ion Ratio Lower Upper

149 100

167 24.8 21.4 32.2

279 4.7 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 42.045 ng

RT: 23.228 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

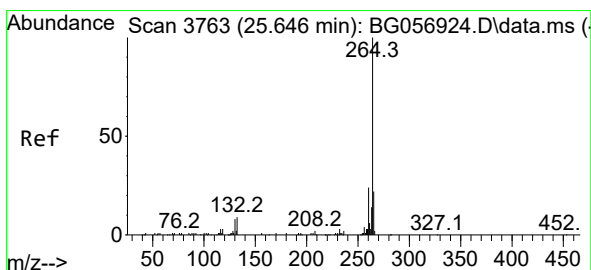
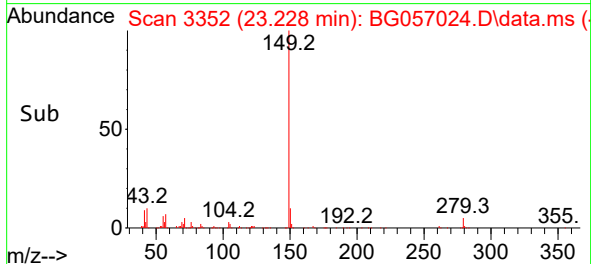
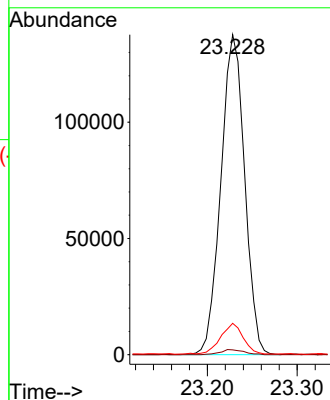
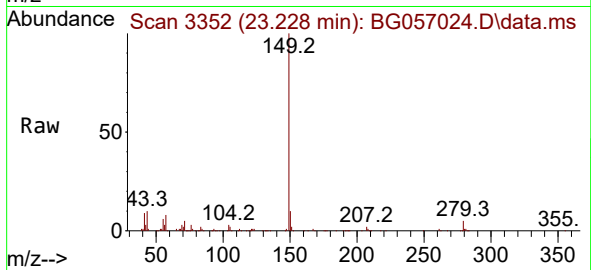
Tgt Ion:149 Resp: 253013

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.1 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.631 min Scan# 3761

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

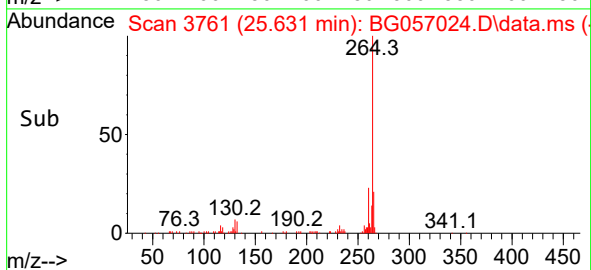
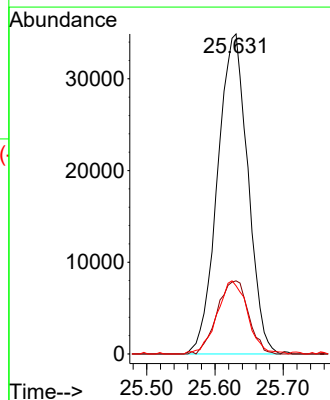
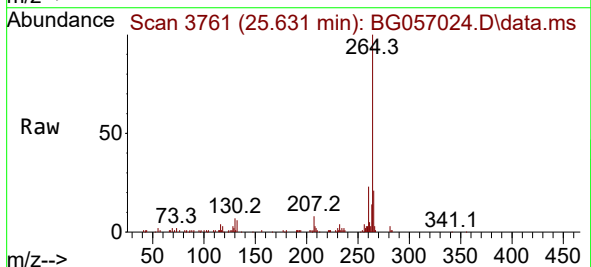
Tgt Ion:264 Resp: 107642

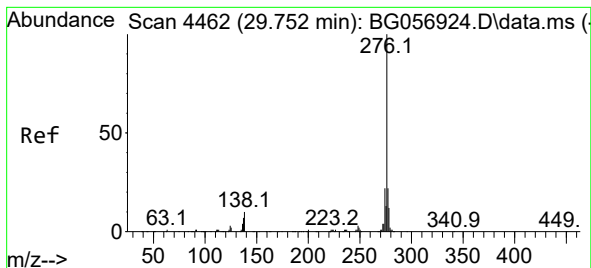
Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 21.3 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.651 ng

RT: 29.725 min Scan# 4462

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

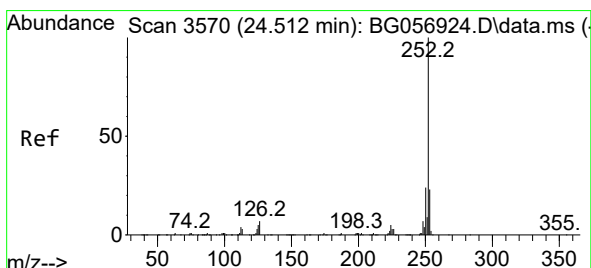
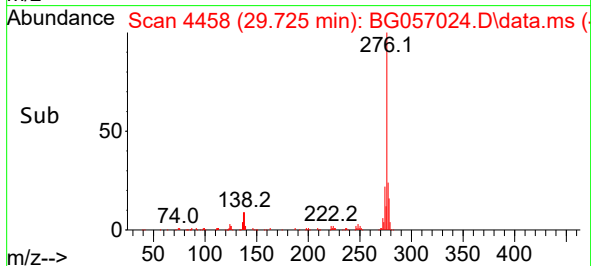
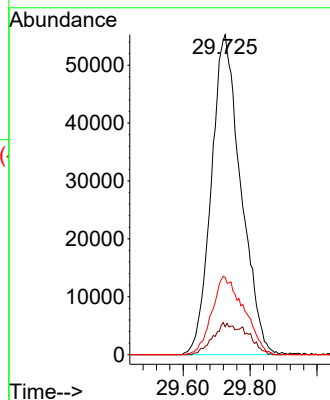
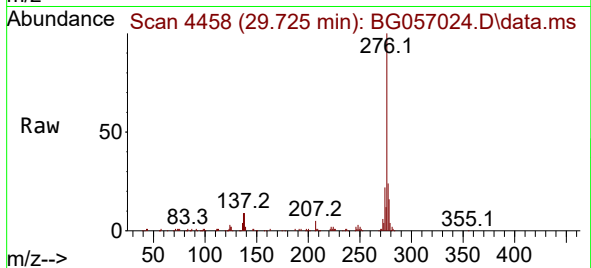
Tgt Ion:276 Resp: 339302

Ion Ratio Lower Upper

276 100

138 7.8 7.7 11.5

277 26.6 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 45.139 ng

RT: 24.491 min Scan# 3567

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

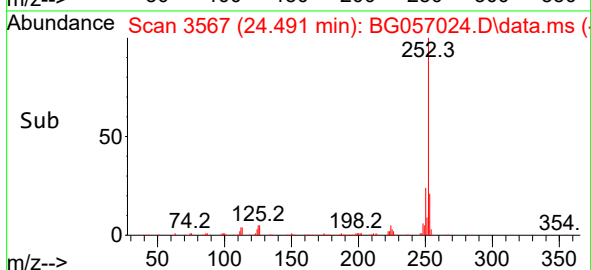
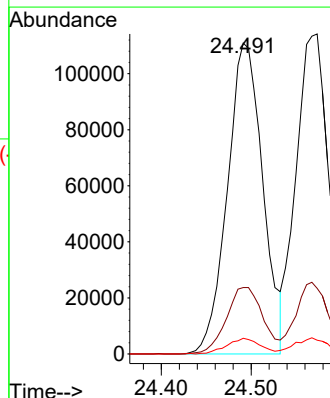
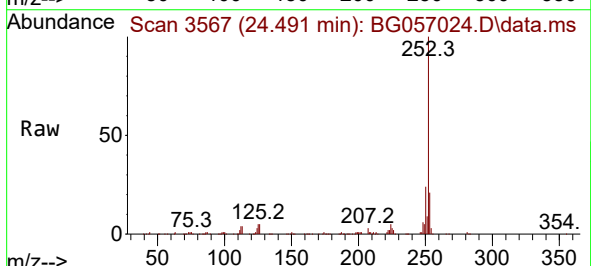
Tgt Ion:252 Resp: 303839

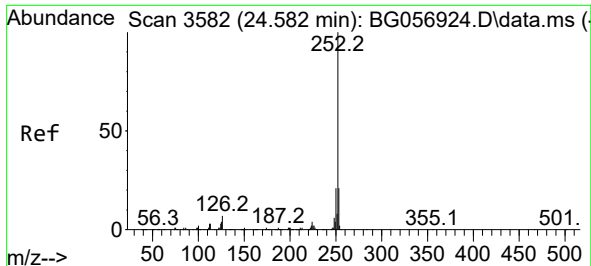
Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

125 5.1 4.2 6.4

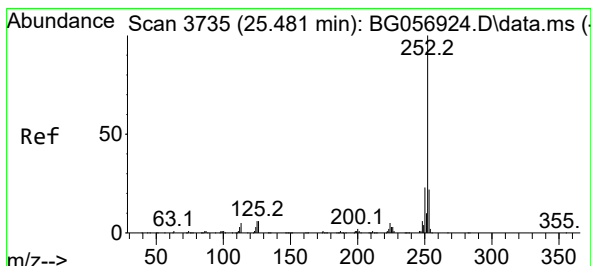
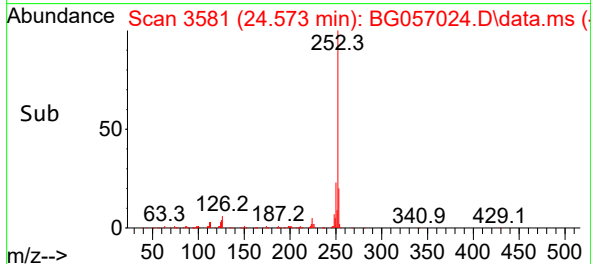
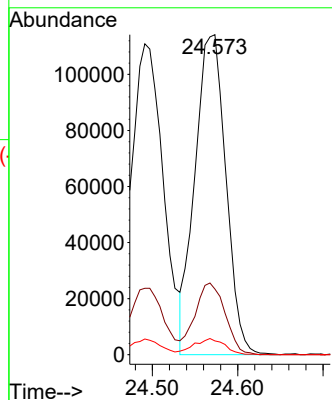
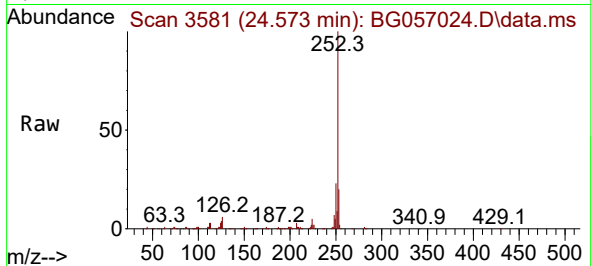




#89
Benzo(k)fluoranthene
Concen: 42.795 ng
RT: 24.573 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

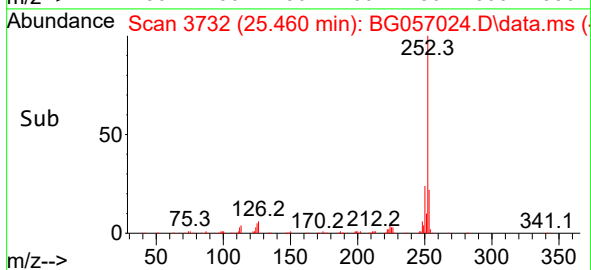
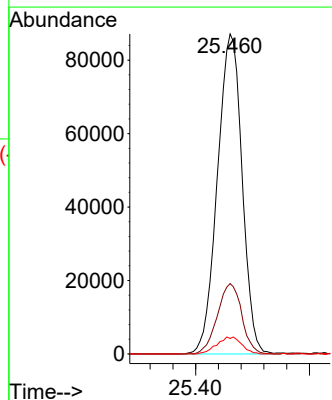
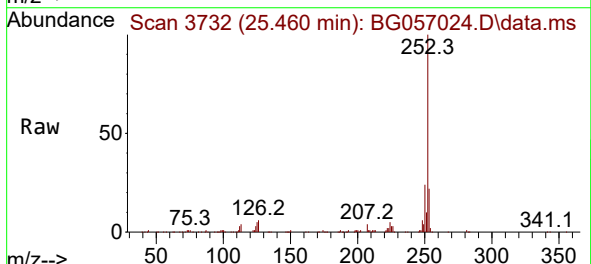
Instrument :
BNA_G
ClientSampleId :
PB151961BS

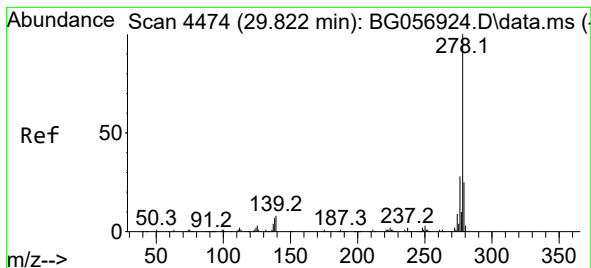
Tgt Ion:252 Resp: 287580
Ion Ratio Lower Upper
252 100
253 20.5 17.1 25.7
125 4.3 3.8 5.6



#90
Benzo(a)pyrene
Concen: 39.683 ng
RT: 25.460 min Scan# 3732
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:252 Resp: 262482
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 4.8 4.5 6.7





#91

Dibenzo(a,h)anthracene

Concen: 44.164 ng

RT: 29.790 min Scan# 4469

Delta R.T. 0.005 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

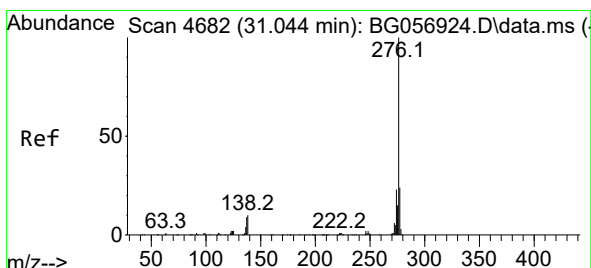
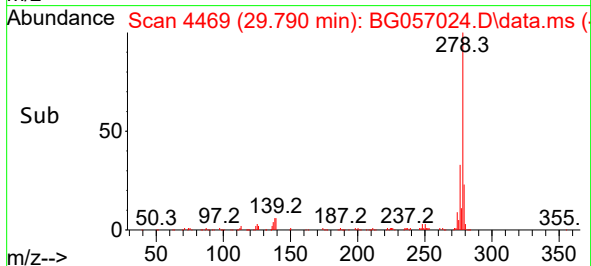
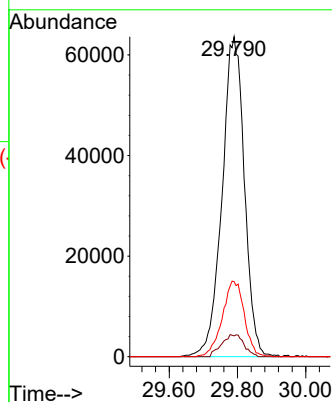
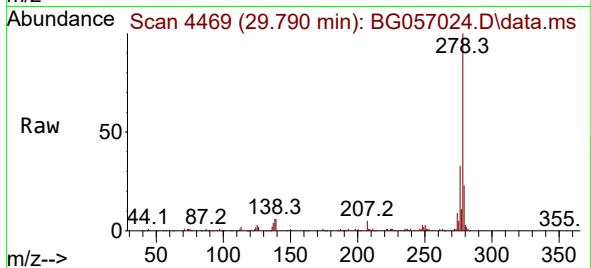
Tgt Ion:278 Resp: 288794

Ion Ratio Lower Upper

278 100

139 6.5 6.4 9.6

279 23.5 20.2 30.2



#92

Benzo(g,h,i)perylene

Concen: 42.303 ng

RT: 31.012 min Scan# 4677

Delta R.T. -0.007 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Tgt Ion:276 Resp: 270866

Ion Ratio Lower Upper

276 100

277 24.6 19.1 28.7

138 8.7 8.2 12.2

