

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
 Data File : BG057714.D
 Acq On : 14 Jun 2023 19:24
 Operator : CG/JU
 Sample : 03167-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-GAMSD

Quant Time: Jun 15 01:23:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 03:52:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	32035	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	132454	20.000	ng	0.00
39) Acenaphthene-d10	14.570	164	88598	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	226486	20.000	ng	0.00
76) Chrysene-d12	21.573	240	202182	20.000	ng	0.00
86) Perylene-d12	24.734	264	255788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	169913	86.364	ng	0.00
7) Phenol-d6	7.096	99	234612	77.624	ng	0.00
23) Nitrobenzene-d5	9.094	82	127212	63.959	ng	-0.01
42) 2,4,6-Tribromophenol	16.056	330	96959	98.092	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	294656	49.574	ng	0.00
79) Terphenyl-d14	19.928	244	554442	50.701	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.418	88	36595	36.536	ng	91
3) Pyridine	3.806	79	94992	33.502	ng	94
4) n-Nitrosodimethylamine	3.724	42	55013	39.781	ng	90
6) Aniline	7.261	93	131953	33.276	ng	98
8) 2-Chlorophenol	7.502	128	88867	47.112	ng	95
9) Benzaldehyde	7.073	77	56926	30.557	ng	96
10) Phenol	7.120	94	127710	43.242	ng	98
11) bis(2-Chloroethyl)ether	7.361	93	89900	38.837	ng	94
12) 1,3-Dichlorobenzene	7.825	146	92786	42.523	ng	97
13) 1,4-Dichlorobenzene	7.972	146	94108	43.500	ng	98
14) 1,2-Dichlorobenzene	8.289	146	88725	42.209	ng	100
15) Benzyl Alcohol	8.171	79	90843	39.245	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.465	45	180903	35.891	ng	98
17) 2-Methylphenol	8.371	107	84636	38.944	ng	96
18) Hexachloroethane	9.017	117	32615	48.784	ng	97
19) n-Nitroso-di-n-propyla...	8.741	70	75433	34.517	ng	97
20) 3+4-Methylphenols	8.700	107	116138	39.084	ng	97
22) Acetophenone	8.759	105	148241	38.525	ng	# 97
24) Nitrobenzene	9.141	77	102762	43.560	ng	100
25) Isophorone	9.658	82	216881	35.327	ng	98
26) 2-Nitrophenol	9.852	139	36689	57.352	ng	91
27) 2,4-Dimethylphenol	9.905	122	87533	42.699	ng	99
28) bis(2-Chloroethoxy)met...	10.146	93	120419	37.732	ng	97
29) 2,4-Dichlorophenol	10.381	162	85208	48.998	ng	97
30) 1,2,4-Trichlorobenzene	10.604	180	89810	39.735	ng	95
31) Naphthalene	10.792	128	273640	38.440	ng	99
32) Benzoic acid	10.034	122	64978	81.110	ng	92
33) 4-Chloroaniline	10.892	127	91878	27.722	ng	99
34) Hexachlorobutadiene	11.074	225	55496	39.045	ng	97
35) Caprolactam	11.661	113	20111	28.034	ng	94
36) 4-Chloro-3-methylphenol	12.014	107	107360	43.578	ng	100
37) 2-Methylnaphthalene	12.396	142	187623	35.626	ng	99
38) 1-Methylnaphthalene	12.619	142	175569	35.535	ng	97
40) 1,2,4,5-Tetrachloroben...	12.760	216	99762	39.777	ng	99
41) Hexachlorocyclopentadiene	12.748	237	119932	125.376	ng	95
43) 2,4,6-Trichlorophenol	13.001	196	74507	46.047	ng	96

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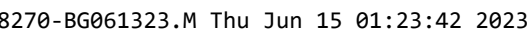
Instrument :
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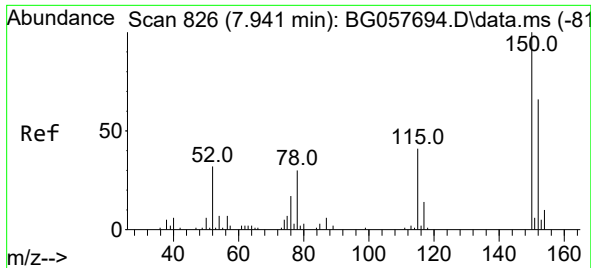
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.072	196	82698	43.423	ng	96
46) 1,1'-Biphenyl	13.406	154	248857	40.653	ng	98
47) 2-Chloronaphthalene	13.448	162	193308	41.781	ng	98
48) 2-Nitroaniline	13.647	65	69395	53.371	ng	99
49) Acenaphthylene	14.294	152	318288	39.669	ng	99
50) Dimethylphthalate	14.029	163	270172	41.589	ng	99
51) 2,6-Dinitrotoluene	14.141	165	51435	52.472	ng	86
52) Acenaphthene	14.634	154	190377	39.583	ng	99
53) 3-Nitroaniline	14.470	138	46910	43.390	ng #	97
54) 2,4-Dinitrophenol	14.676	184	48804	104.431	ng	96
55) Dibenzofuran	14.969	168	313497	38.832	ng	99
56) 4-Nitrophenol	14.775	139	104473	96.486	ng	93
57) 2,4-Dinitrotoluene	14.928	165	71899	55.322	ng	96
58) Fluorene	15.616	166	251603	39.123	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.193	232	75478	47.251	ng	100
60) Diethylphthalate	15.392	149	279658	41.704	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	131711	38.228	ng	98
62) 4-Nitroaniline	15.633	138	62168	50.203	ng	94
63) Azobenzene	15.904	77	295065	40.923	ng	97
65) 4,6-Dinitro-2-methylph...	15.692	198	36621	62.074	ng	85
66) n-Nitrosodiphenylamine	15.827	169	227191	38.373	ng	98
67) 4-Bromophenyl-phenylether	16.509	248	88179	38.236	ng	94
68) Hexachlorobenzene	16.620	284	96170	39.903	ng	97
69) Atrazine	16.773	200	98939	50.228	ng	96
70) Pentachlorophenol	16.961	266	132307	91.440	ng	96
71) Phenanthrene	17.355	178	434423	39.308	ng	99
72) Anthracene	17.449	178	440629	39.356	ng	100
73) Carbazole	17.713	167	439719	42.408	ng	100
74) Di-n-butylphthalate	18.283	149	532704	46.351	ng	99
75) Fluoranthene	19.370	202	545526	40.974	ng	99
77) Benzidine	19.546	184	314526	65.257	ng	97
78) Pyrene	19.728	202	557286	38.740	ng	100
80) Butylbenzylphthalate	20.622	149	240862	46.175	ng	98
81) Benzo(a)anthracene	21.550	228	553818	39.664	ng	100
82) 3,3'-Dichlorobenzidine	21.473	252	158225	34.790	ng	100
83) Chrysene	21.620	228	512978	38.604	ng	99
84) Bis(2-ethylhexyl)phtha...	21.473	149	346132	48.840	ng	100
85) Di-n-octyl phthalate	22.666	149	632784	51.780	ng	97
87) Indeno(1,2,3-cd)pyrene	28.342	276	679376	41.049	ng	98
88) Benzo(b)fluoranthene	23.730	252	586598	42.273	ng	99
89) Benzo(k)fluoranthene	23.800	252	574000	39.884	ng	98
90) Benzo(a)pyrene	24.587	252	525604	38.524	ng #	98
91) Dibenzo(a,h)anthracene	28.407	278	558826	40.859	ng	97
92) Benzo(g,h,i)perylene	29.470	276	563294	41.264	ng	98

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

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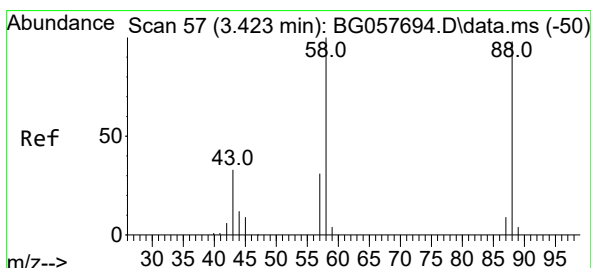
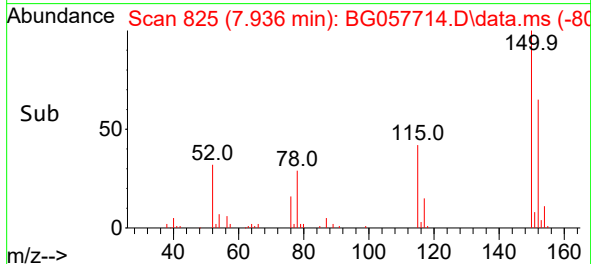
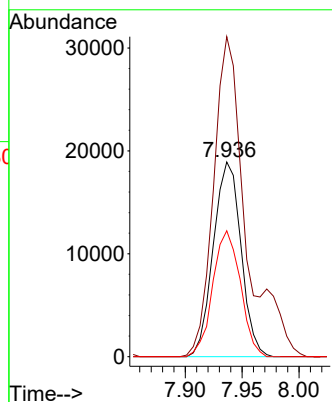
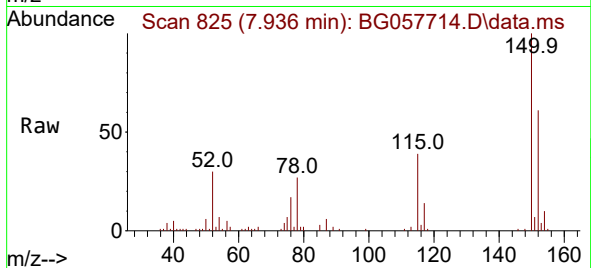




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

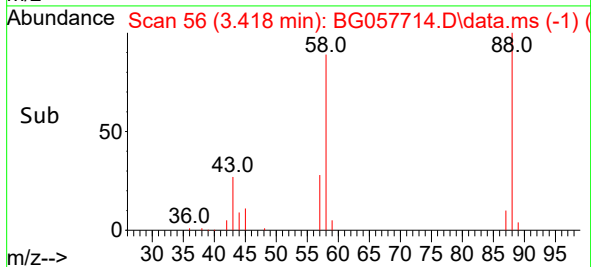
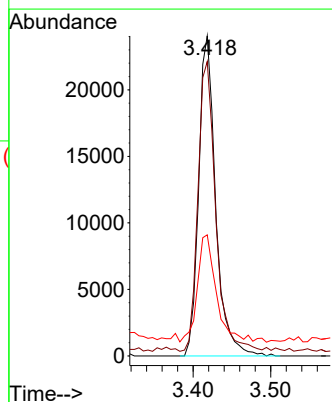
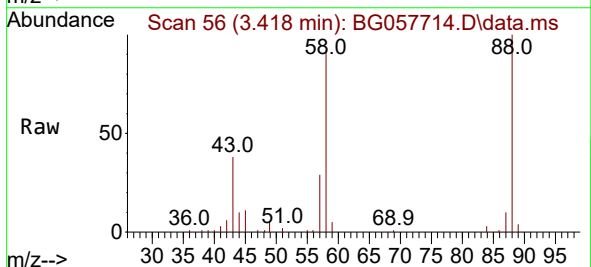
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TP-4-GAMSD

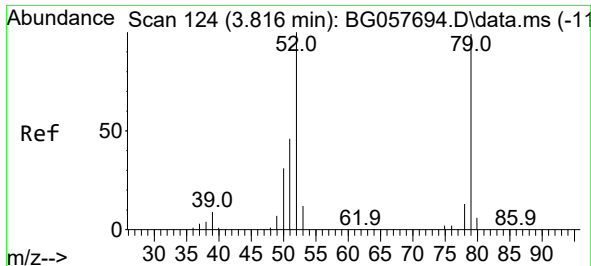
Tgt Ion:152 Resp: 32035
Ion Ratio Lower Upper
152 100
150 164.4 120.8 181.2
115 64.7 49.4 74.2



#2
1,4-Dioxane
Concen: 36.536 ng
RT: 3.418 min Scan# 56
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion: 88 Resp: 36595
Ion Ratio Lower Upper
88 100
58 94.0 83.0 124.6
43 37.5 26.2 39.4

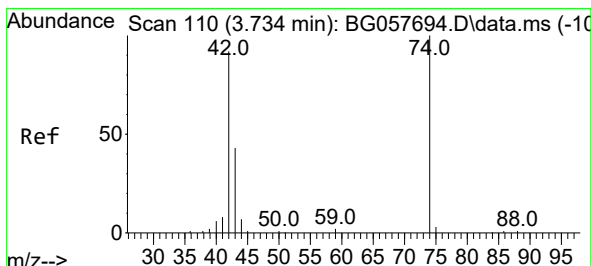
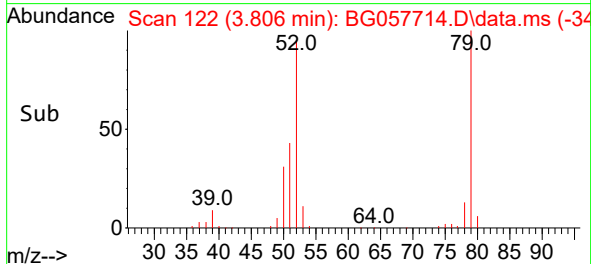
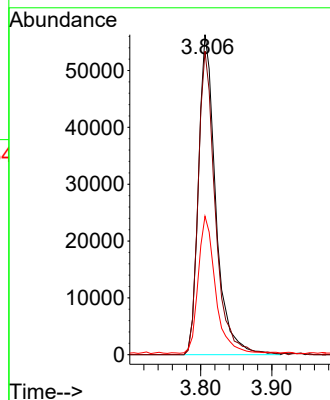
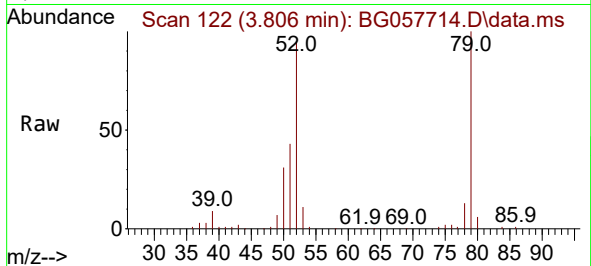




#3
Pyridine
Concen: 33.502 ng
RT: 3.806 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

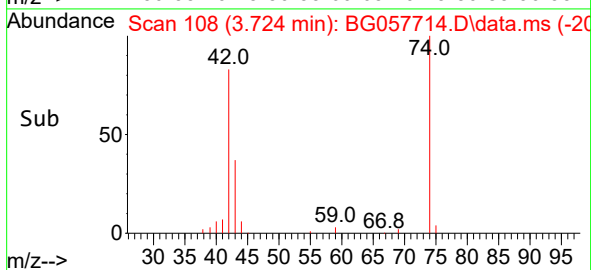
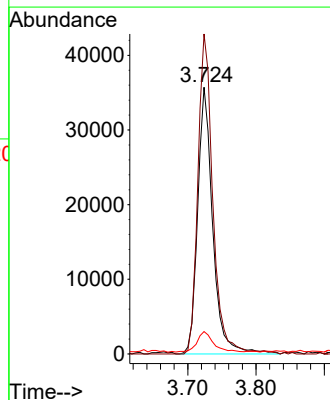
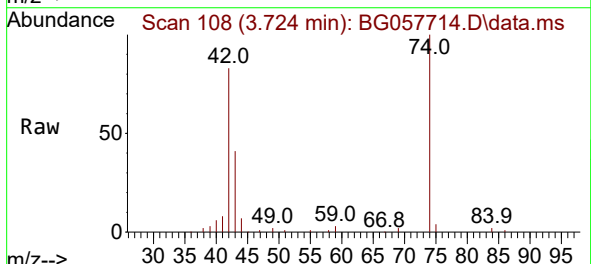
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

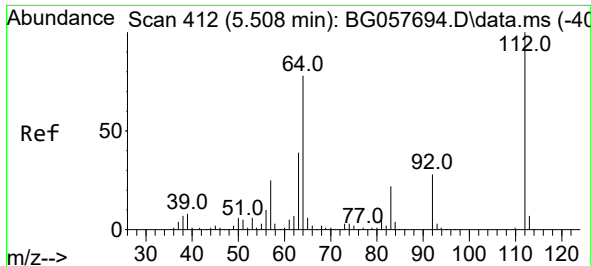
Tgt Ion: 79 Resp: 94992
Ion Ratio Lower Upper
79 100
52 94.9 81.1 121.7
51 43.3 38.0 57.0



#4
n-Nitrosodimethylamine
Concen: 39.781 ng
RT: 3.724 min Scan# 108
Delta R.T. -0.010 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion: 42 Resp: 55013
Ion Ratio Lower Upper
42 100
74 120.0 86.8 130.2
44 8.4 7.5 11.3

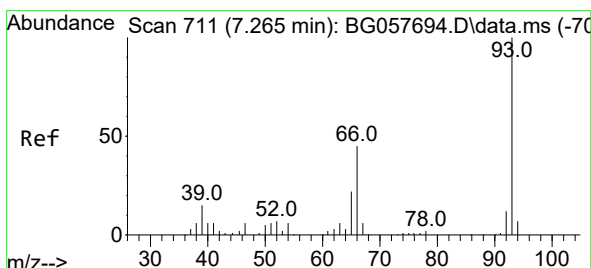
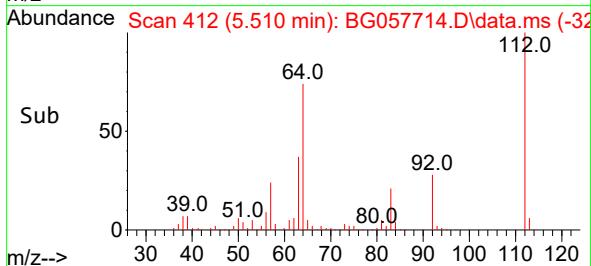
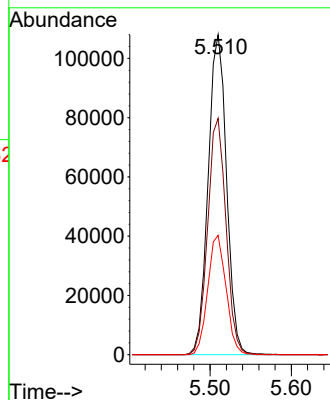
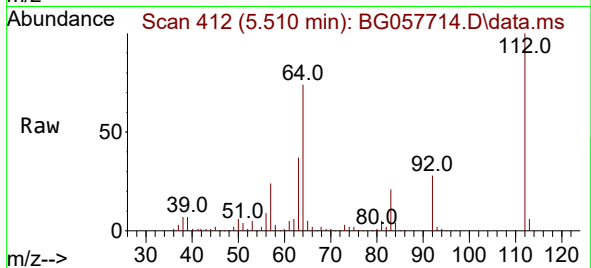




#5
2-Fluorophenol
Concen: 86.364 ng
RT: 5.510 min Scan# 412
Delta R.T. 0.001 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

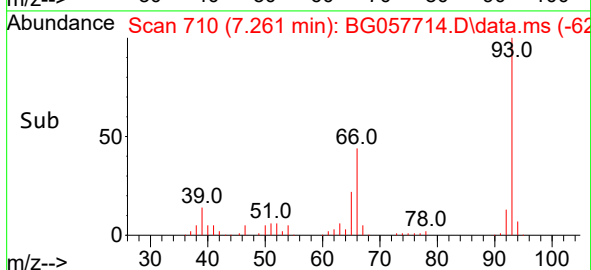
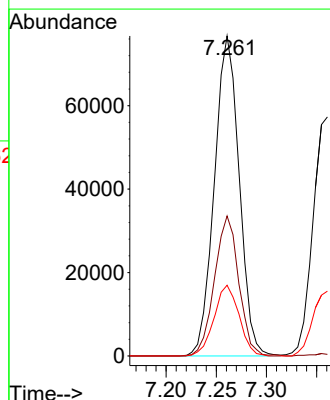
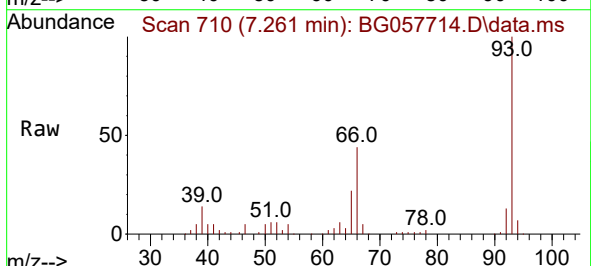
Instrument :
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ClientSampleId :
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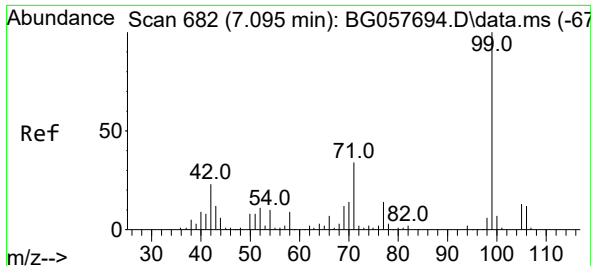
Tgt Ion:112 Resp: 169913
Ion Ratio Lower Upper
112 100
64 73.9 62.3 93.5
63 37.3 31.5 47.3



#6
Aniline
Concen: 33.276 ng
RT: 7.261 min Scan# 710
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion: 93 Resp: 131953
Ion Ratio Lower Upper
93 100
66 43.7 36.1 54.1
65 22.1 17.2 25.8

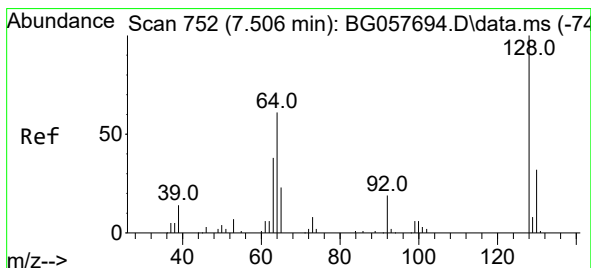
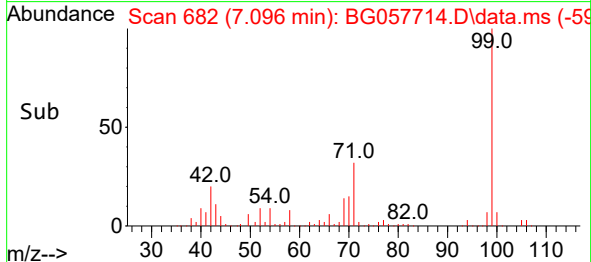
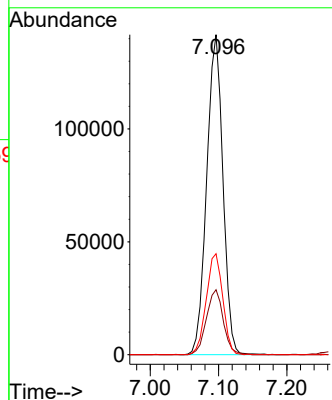
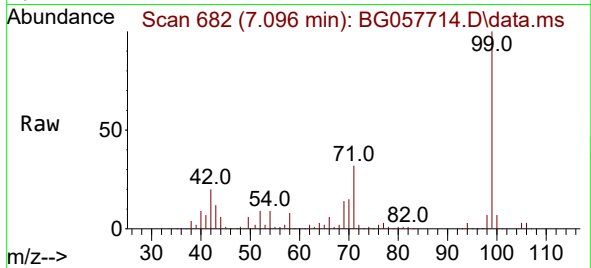




#7
Phenol-d6
Concen: 77.624 ng
RT: 7.096 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

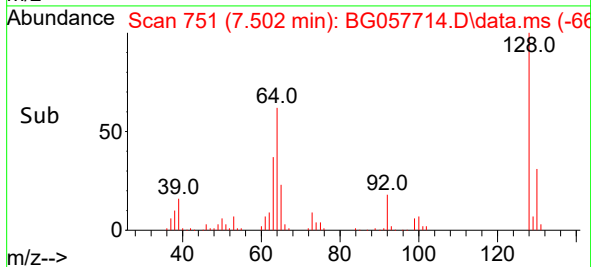
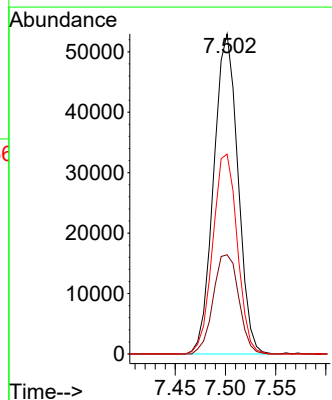
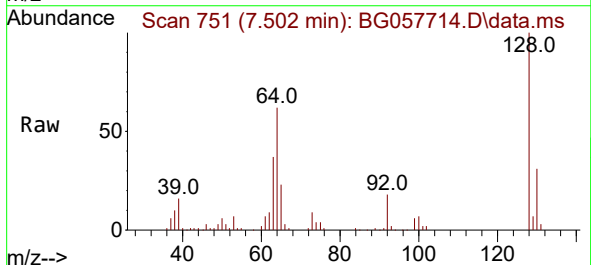
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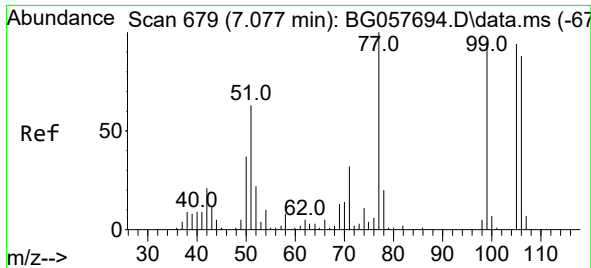
Tgt Ion: 99 Resp: 234612
Ion Ratio Lower Upper
99 100
42 20.3 18.3 27.5
71 31.6 27.5 41.3



#8
2-Chlorophenol
Concen: 47.112 ng
RT: 7.502 min Scan# 751
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion: 128 Resp: 88867
Ion Ratio Lower Upper
128 100
130 31.0 12.4 52.4
64 62.5 47.2 87.2

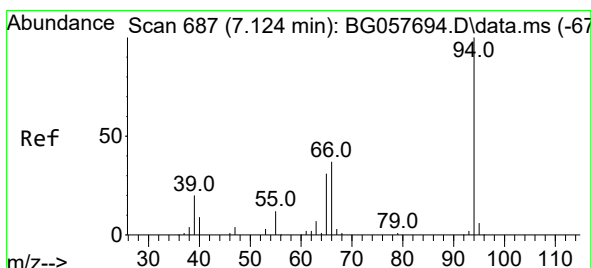
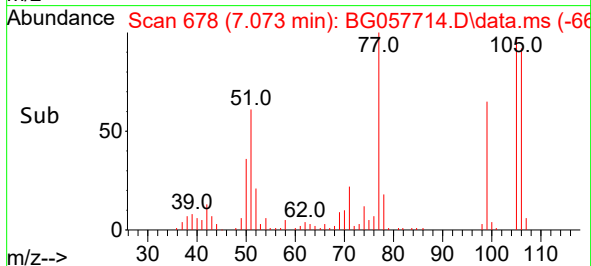
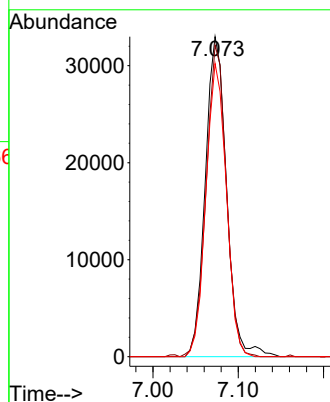
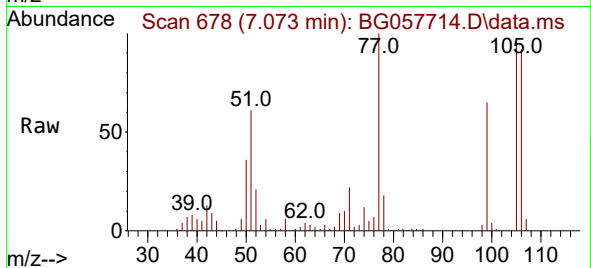




#9
Benzaldehyde
Concen: 30.557 ng
RT: 7.073 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

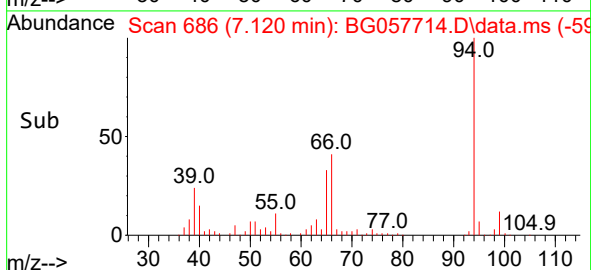
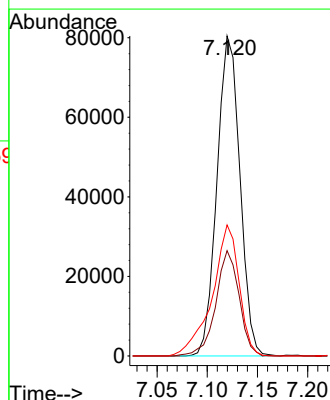
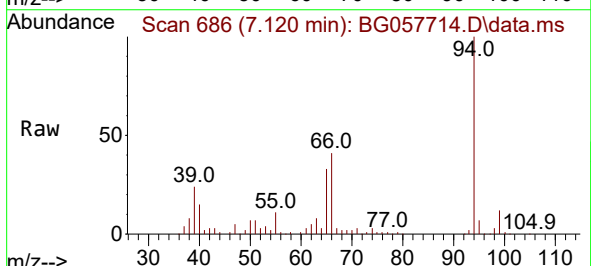
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ClientSampleId :
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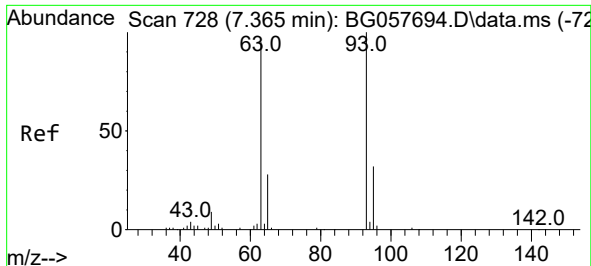
Tgt Ion: 77 Resp: 56926
Ion Ratio Lower Upper
77 100
105 97.3 73.9 113.9
106 91.6 68.2 108.2



#10
Phenol
Concen: 43.242 ng
RT: 7.120 min Scan# 686
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion: 94 Resp: 127710
Ion Ratio Lower Upper
94 100
65 32.9 11.5 51.5
66 41.0 20.1 60.1

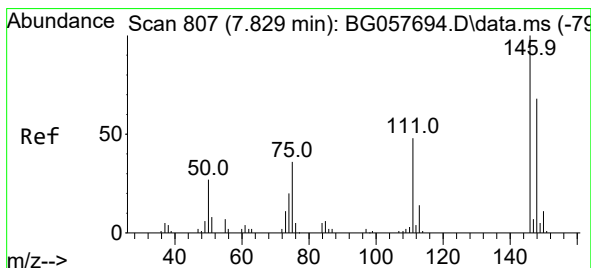
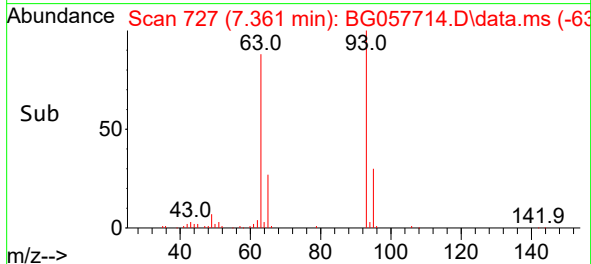
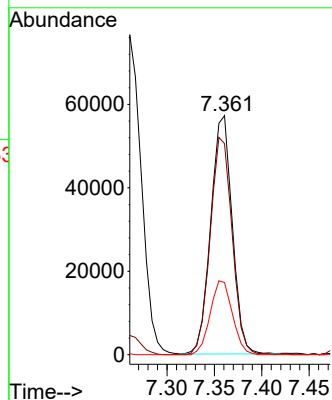
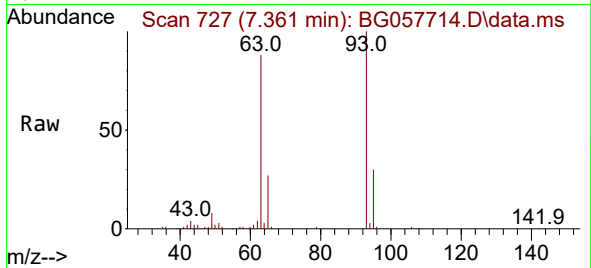




#11
bis(2-Chloroethyl)ether
Concen: 38.837 ng
RT: 7.361 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

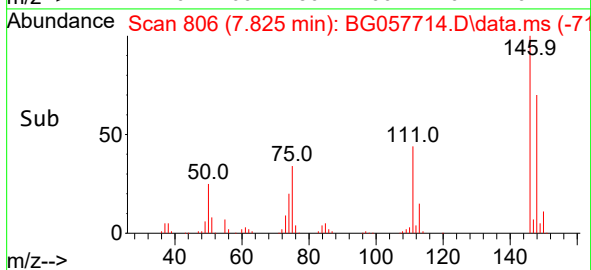
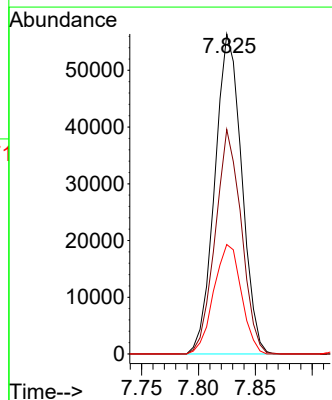
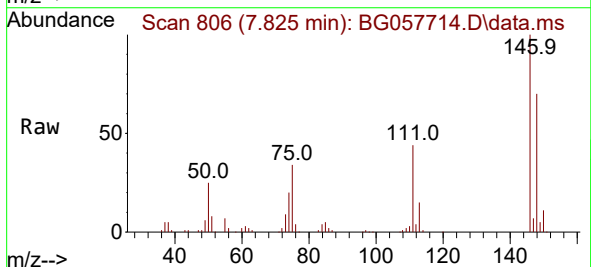
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

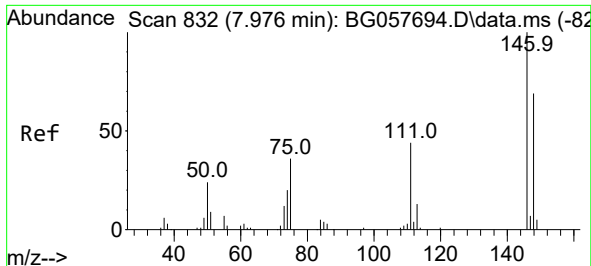
Tgt Ion: 93 Resp: 89900
Ion Ratio Lower Upper
93 100
63 88.3 74.5 114.5
95 30.2 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 42.523 ng
RT: 7.825 min Scan# 806
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion: 146 Resp: 92786
Ion Ratio Lower Upper
146 100
148 70.2 54.6 81.8
75 34.2 28.7 43.1

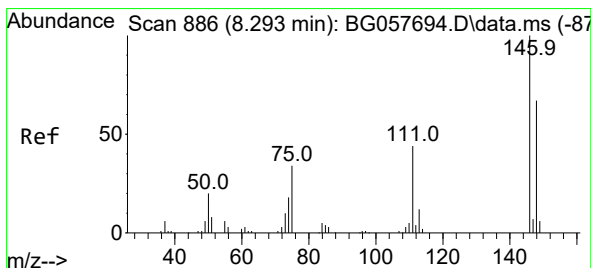
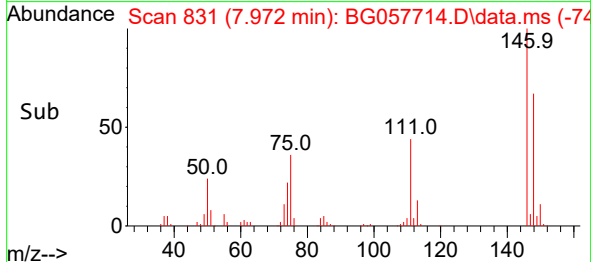
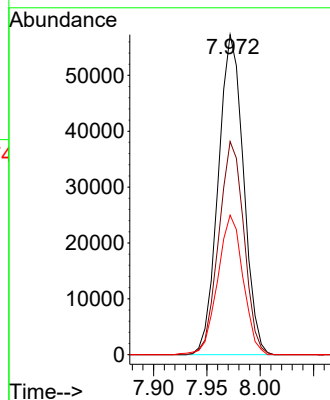
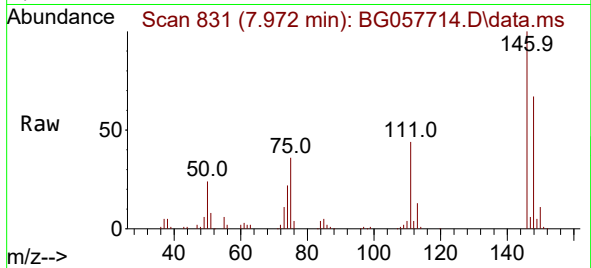




#13
1,4-Dichlorobenzene
Concen: 43.500 ng
RT: 7.972 min Scan# 811
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

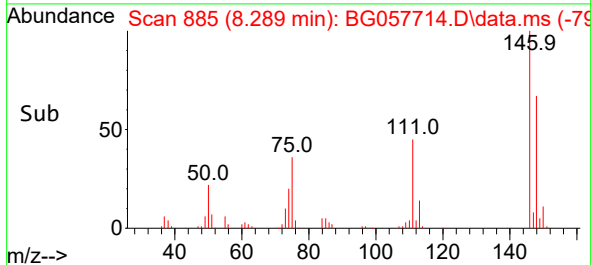
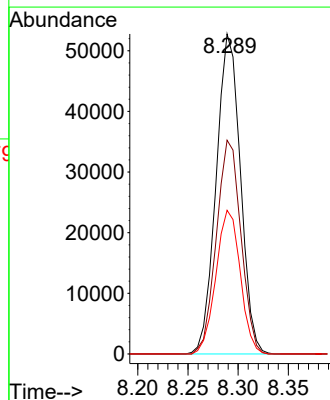
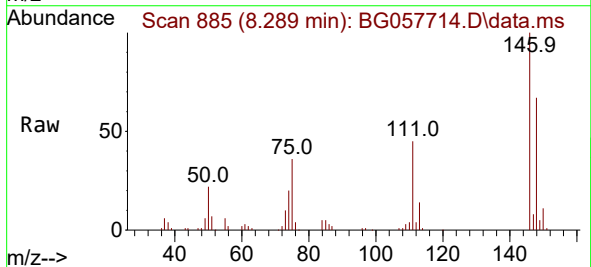
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

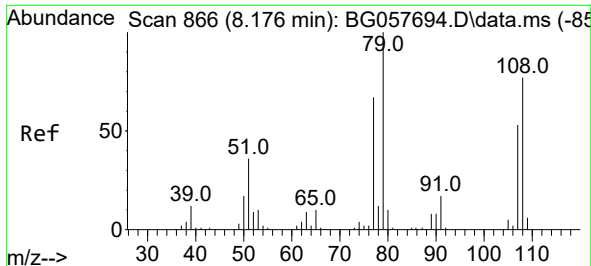
Tgt Ion:146 Resp: 94108
Ion Ratio Lower Upper
146 100
148 66.6 55.5 83.3
111 43.6 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 42.209 ng
RT: 8.289 min Scan# 885
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion:146 Resp: 88725
Ion Ratio Lower Upper
146 100
148 66.8 53.8 80.8
111 44.9 35.8 53.6

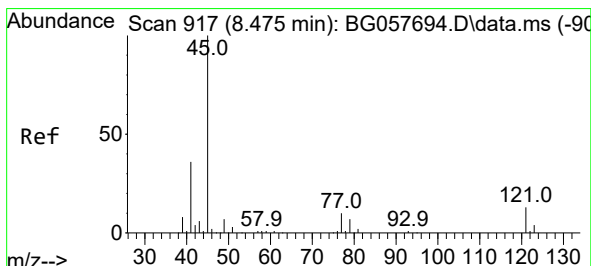
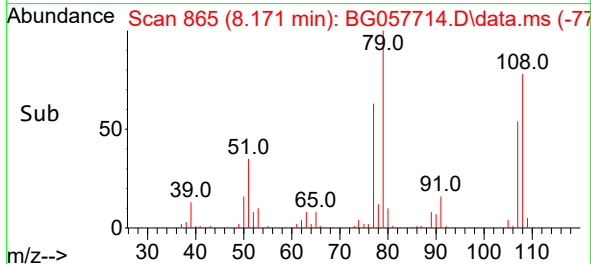
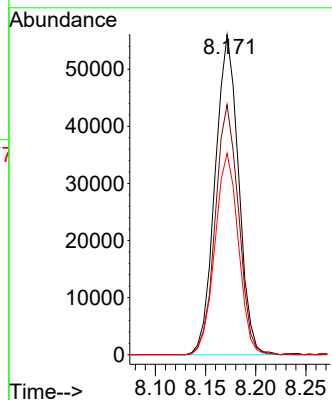
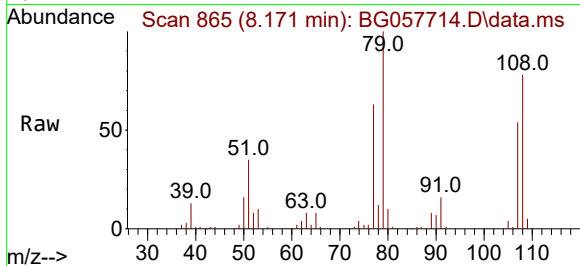




#15
Benzyl Alcohol
Concen: 39.245 ng
RT: 8.171 min Scan# 80
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

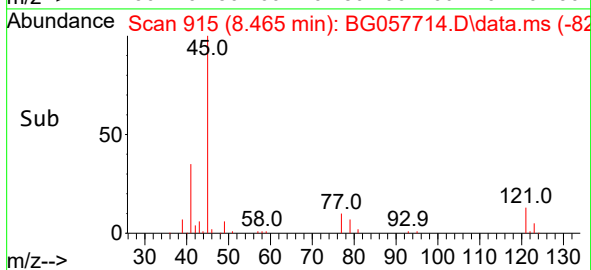
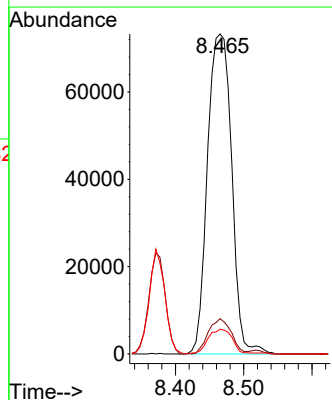
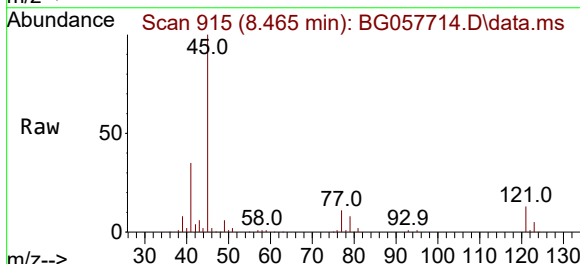
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

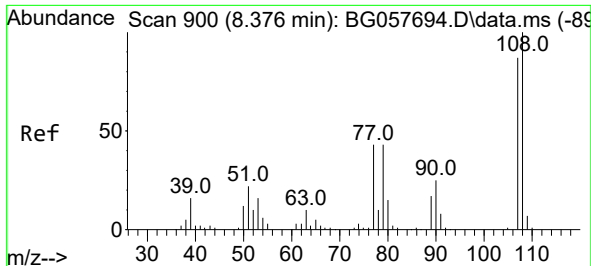
Tgt Ion: 79	Resp: 90843
Ion Ratio	Lower Upper
79 100	
108 78.1	61.6 92.4
77 62.9	53.2 79.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.891 ng
RT: 8.465 min Scan# 915
Delta R.T. -0.010 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

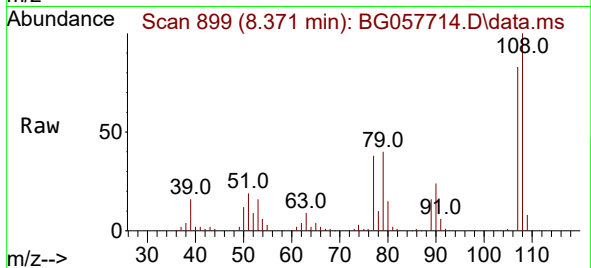
Tgt Ion: 45	Resp: 180903
Ion Ratio	Lower Upper
45 100	
77 11.0	0.0 30.3
79 7.7	0.0 26.9



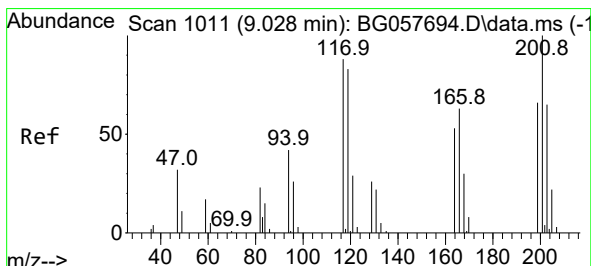
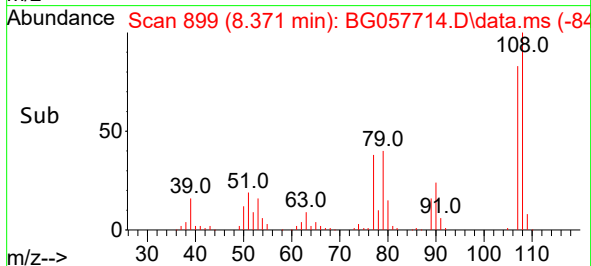
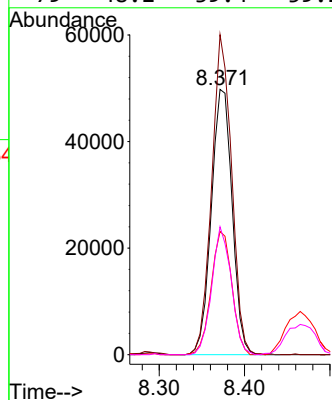


#17
2-Methylphenol
Concen: 38.944 ng
RT: 8.371 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

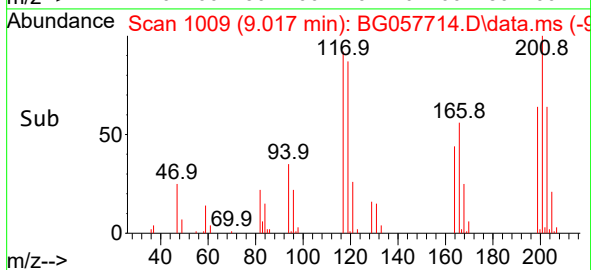
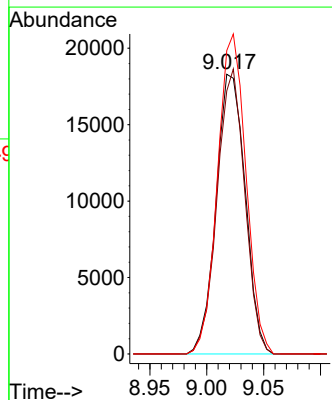
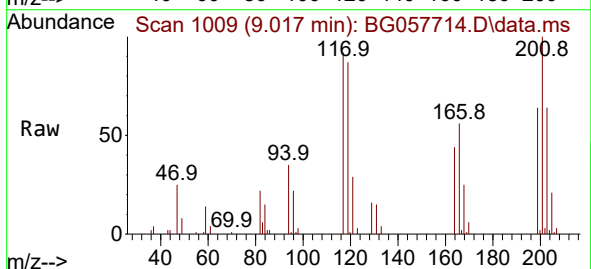


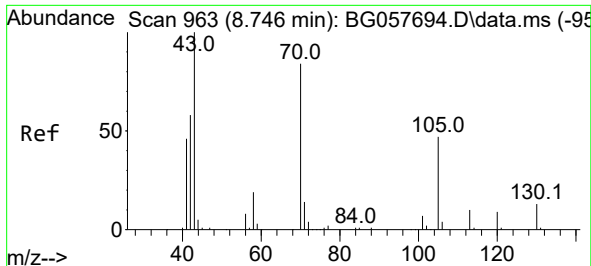
Tgt Ion:	107	Resp:	84636
Ion	Ratio	Lower	Upper
107	100		
108	120.7	92.4	138.6
77	46.4	39.9	59.9
79	48.2	39.4	59.2



#18
Hexachloroethane
Concen: 48.784 ng
RT: 9.017 min Scan# 1009
Delta R.T. -0.010 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion:	117	Resp:	32615
Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.7	113.5
201	108.5	91.0	136.6

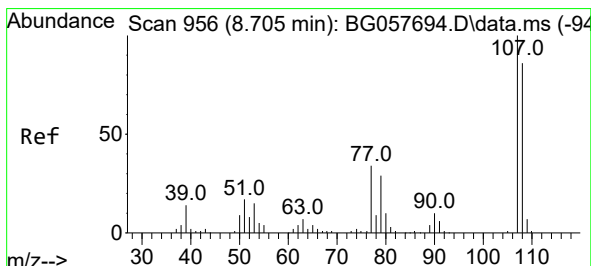
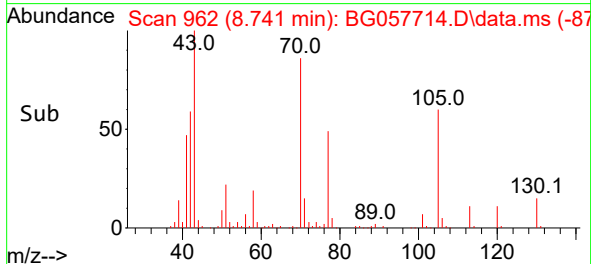
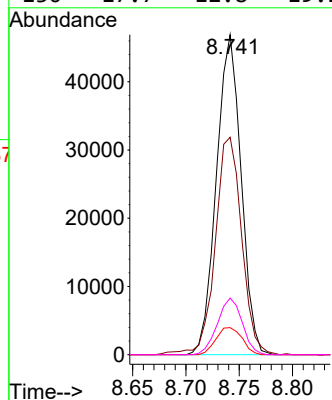
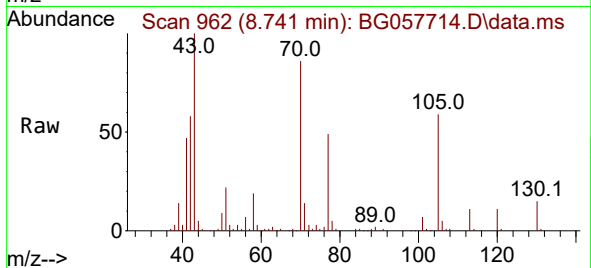




#19
n-Nitroso-di-n-propylamine
Concen: 34.517 ng
RT: 8.741 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

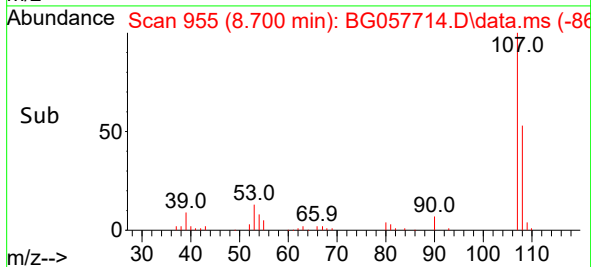
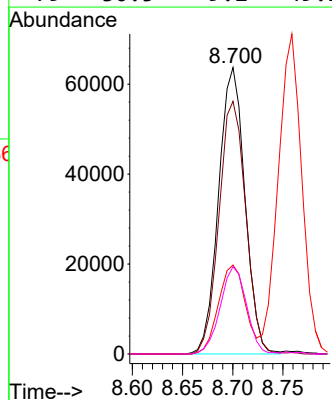
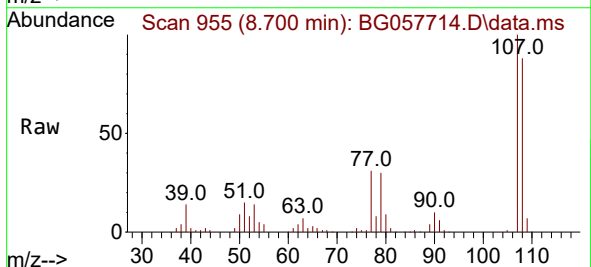
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

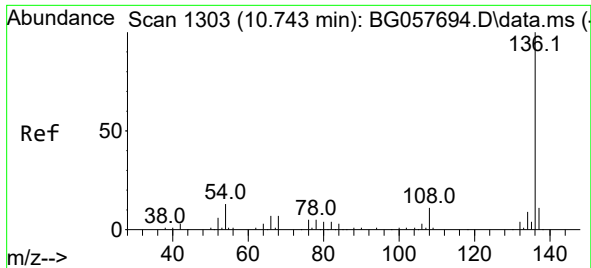
Tgt Ion: 70 Resp: 75433
Ion Ratio Lower Upper
70 100
42 68.0 56.6 84.8
101 8.5 6.2 9.4
130 17.7 12.8 19.2



#20
3+4-Methylphenols
Concen: 39.084 ng
RT: 8.700 min Scan# 955
Delta R.T. -0.005 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion:107 Resp: 116138
Ion Ratio Lower Upper
107 100
108 88.2 66.3 106.3
77 31.0 13.9 53.9
79 30.5 9.2 49.2

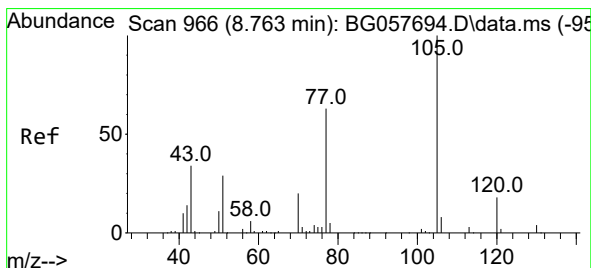
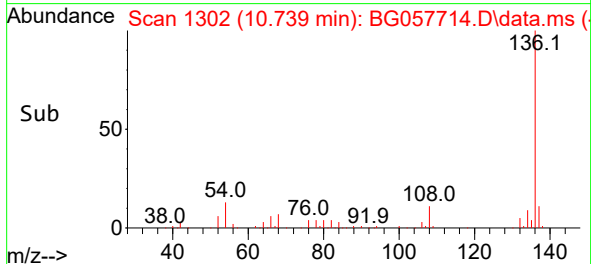
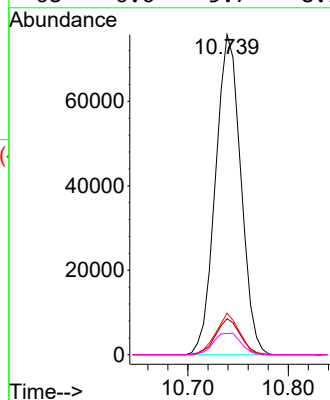
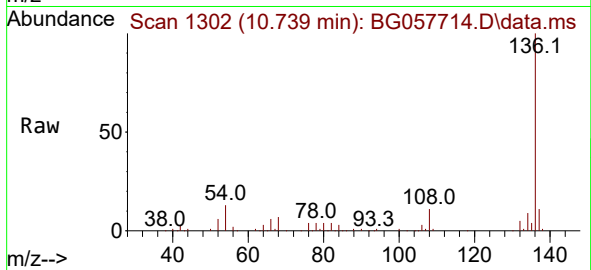




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

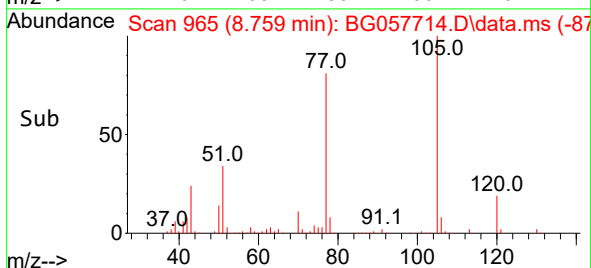
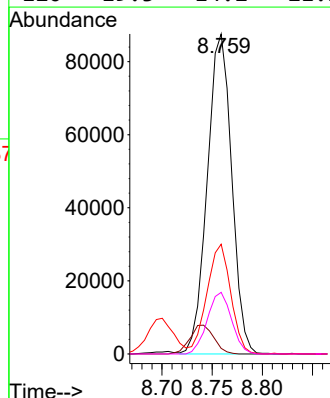
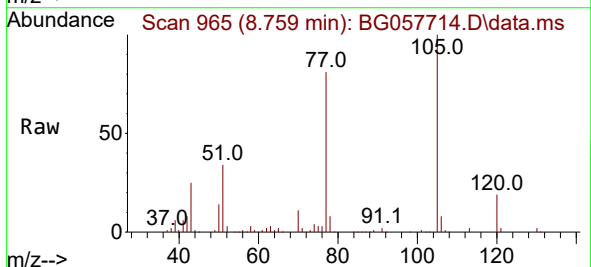
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

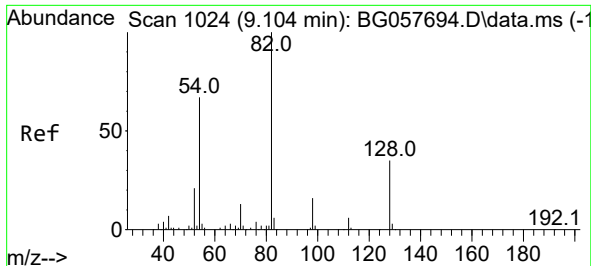
Tgt Ion:136 Resp: 132454
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 12.9 10.8 16.2
68 6.6 5.7 8.5



#22
Acetophenone
Concen: 38.525 ng
RT: 8.759 min Scan# 965
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion:105 Resp: 148241
Ion Ratio Lower Upper
105 100
71 1.7 2.6 3.8#
51 34.3 28.3 42.5
120 19.3 14.2 21.2





#23

Nitrobenzene-d5

Concen: 63.959 ng

RT: 9.094 min Scan# 1022

Delta R.T. -0.010 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

Instrument :

BNA_G

ClientSampleId :

TP-4-GAMSD

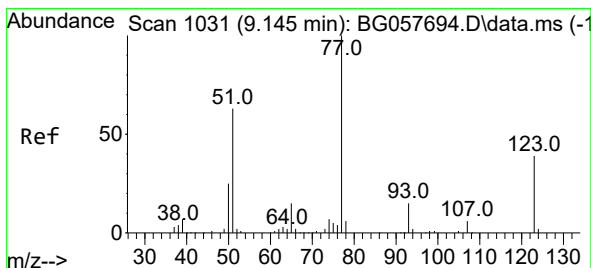
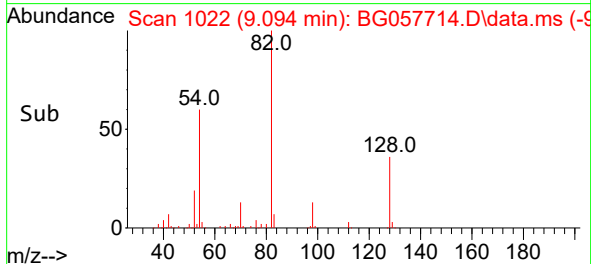
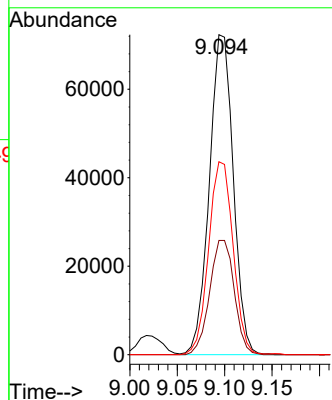
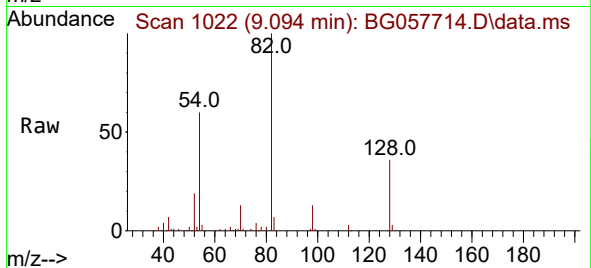
Tgt Ion: 82 Resp: 127212

Ion Ratio Lower Upper

82 100

128 35.7 27.7 41.5

54 60.3 53.8 80.8



#24

Nitrobenzene

Concen: 43.560 ng

RT: 9.141 min Scan# 1030

Delta R.T. -0.004 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

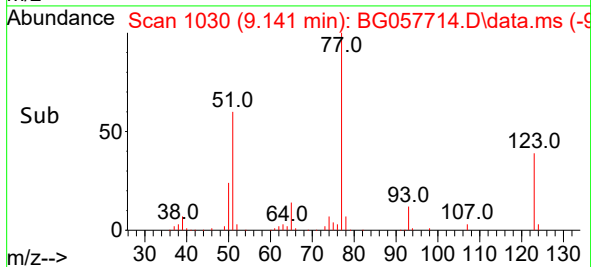
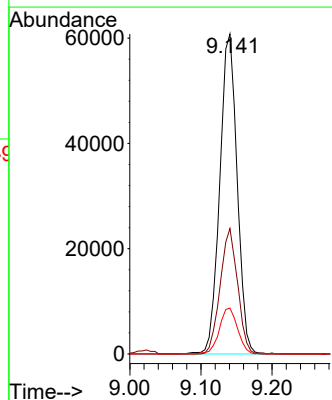
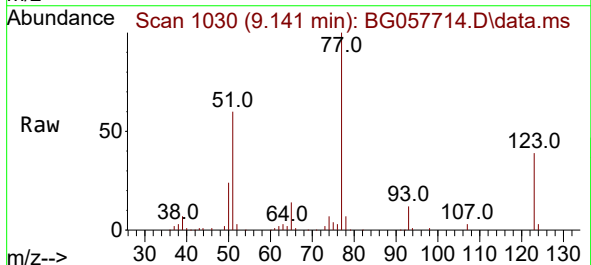
Tgt Ion: 77 Resp: 102762

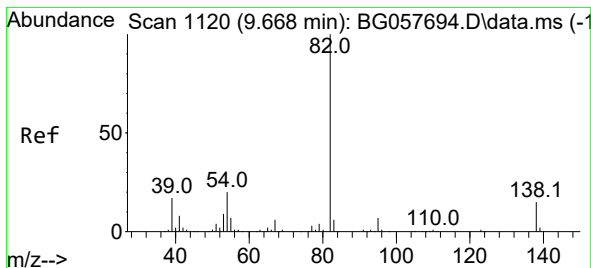
Ion Ratio Lower Upper

77 100

123 39.2 31.2 46.8

65 14.4 11.6 17.4





#25

Isophorone

Concen: 35.327 ng

RT: 9.658 min Scan# 1118

Delta R.T. -0.010 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

Instrument :

BNA_G

ClientSampleId :

TP-4-GAMSD

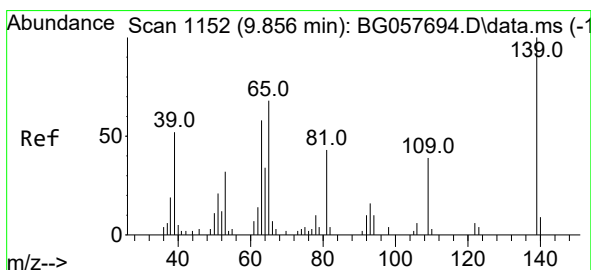
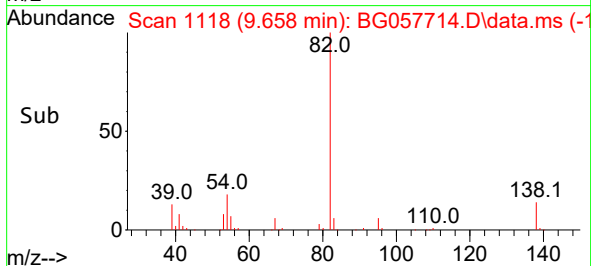
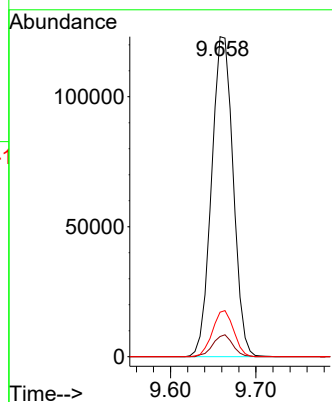
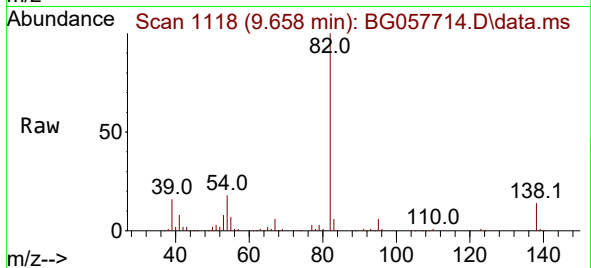
Tgt Ion: 82 Resp: 216881

Ion Ratio Lower Upper

82 100

95 6.3 5.4 8.2

138 13.9 11.8 17.6



#26

2-Nitrophenol

Concen: 57.352 ng

RT: 9.852 min Scan# 1151

Delta R.T. -0.004 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

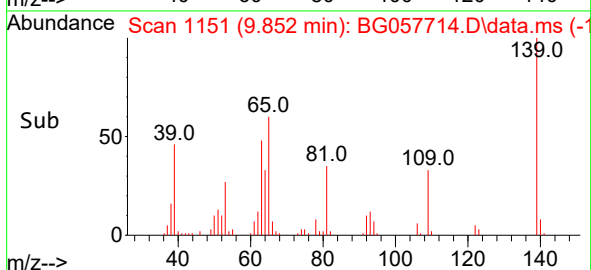
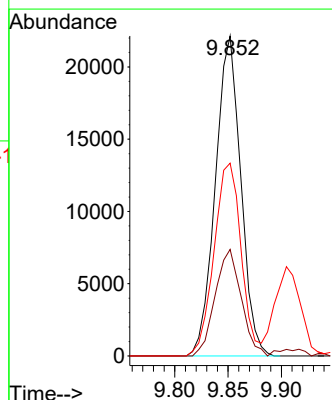
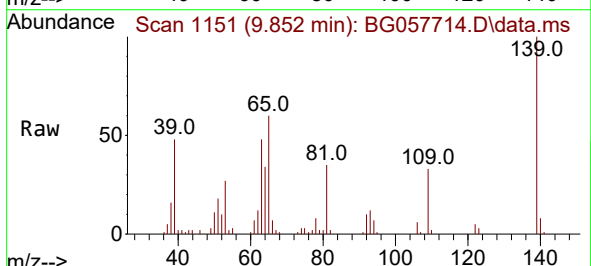
Tgt Ion:139 Resp: 36689

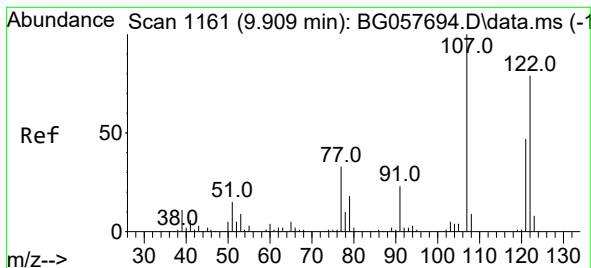
Ion Ratio Lower Upper

139 100

109 33.3 30.9 46.3

65 60.3 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 42.699 ng

RT: 9.905 min Scan# 1161

Delta R.T. -0.004 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

Instrument :

BNA_G

ClientSampleId :

TP-4-GAMSD

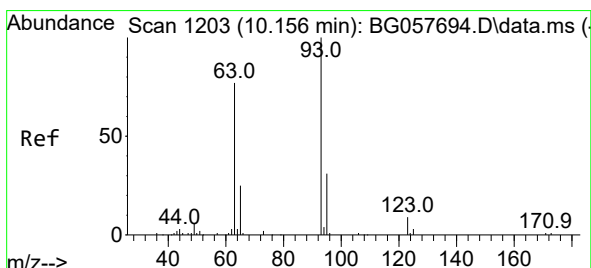
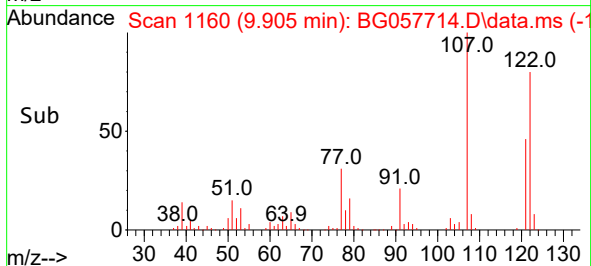
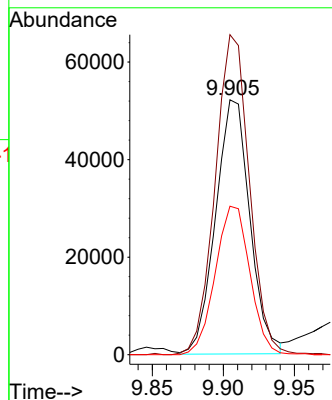
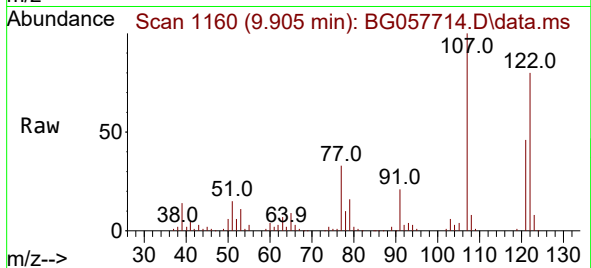
Tgt Ion:122 Resp: 87533

Ion Ratio Lower Upper

122 100

107 125.5 100.6 150.8

121 58.3 47.4 71.2



#28

bis(2-Chloroethoxy)methane

Concen: 37.732 ng

RT: 10.146 min Scan# 1201

Delta R.T. -0.010 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

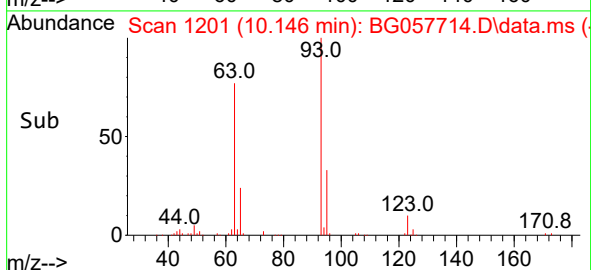
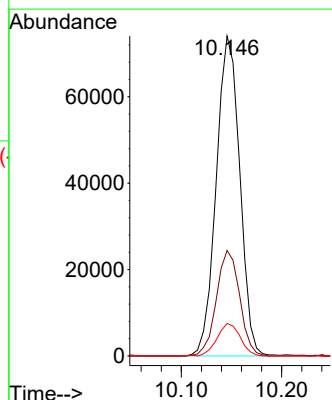
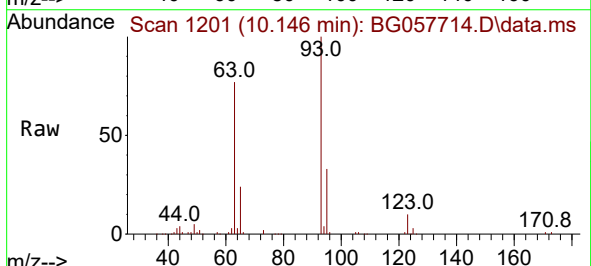
Tgt Ion: 93 Resp: 120419

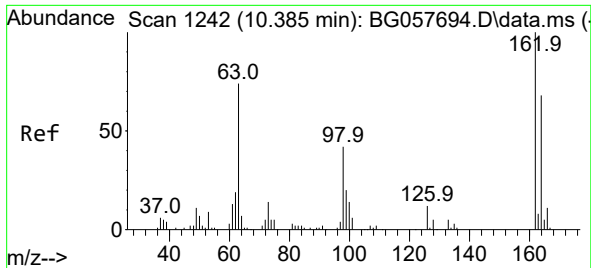
Ion Ratio Lower Upper

93 100

95 32.9 24.9 37.3

123 10.1 7.2 10.8





#29

2,4-Dichlorophenol

Concen: 48.998 ng

RT: 10.381 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

Instrument :

BNA_G

ClientSampleId :

TP-4-GAMSD

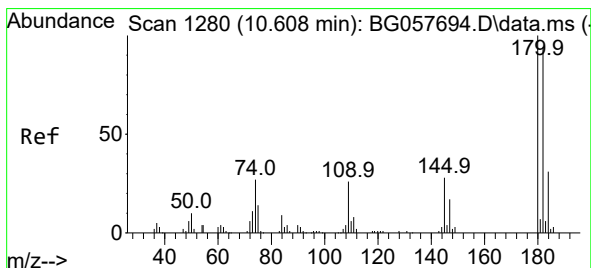
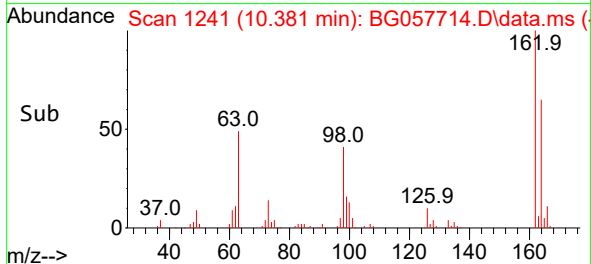
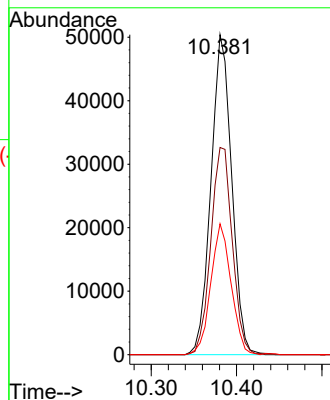
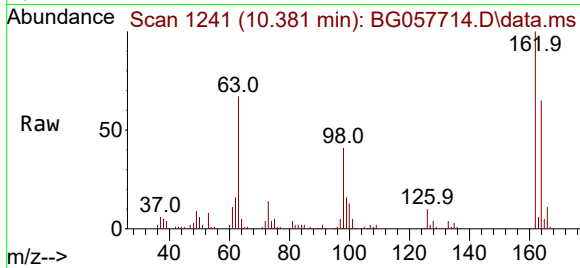
Tgt Ion:162 Resp: 85208

Ion Ratio Lower Upper

162 100

164 64.8 47.9 87.9

98 40.9 22.4 62.4



#30

1,2,4-Trichlorobenzene

Concen: 39.735 ng

RT: 10.604 min Scan# 1279

Delta R.T. -0.004 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

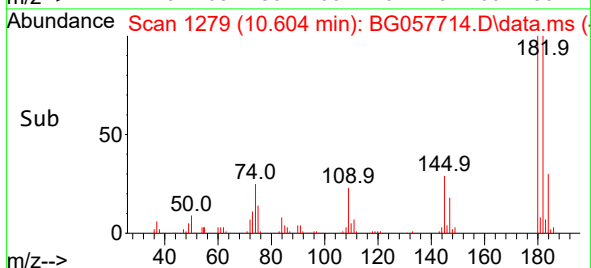
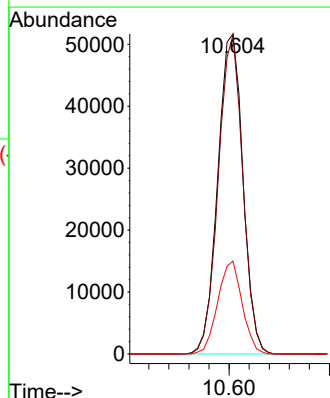
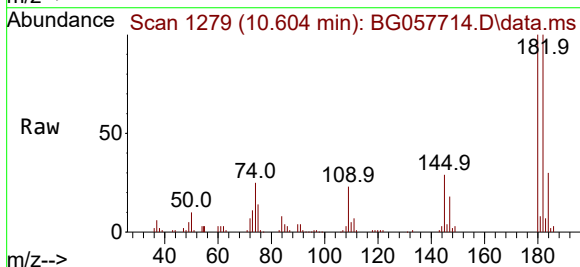
Tgt Ion:180 Resp: 89810

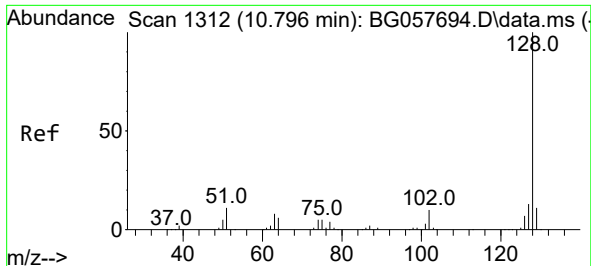
Ion Ratio Lower Upper

180 100

182 99.7 74.8 112.2

145 29.0 22.6 34.0

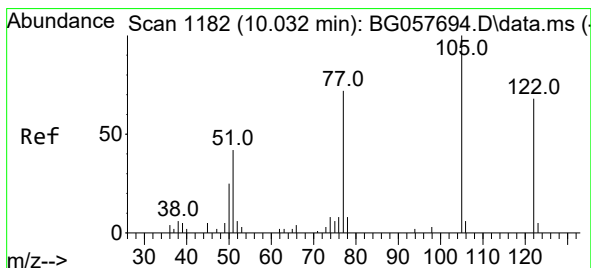
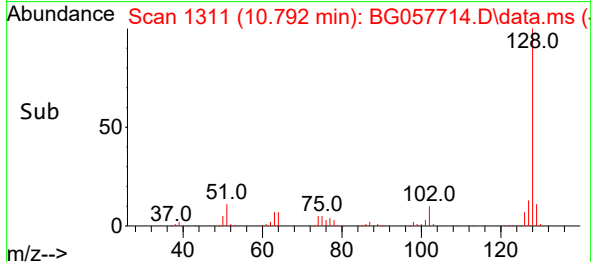
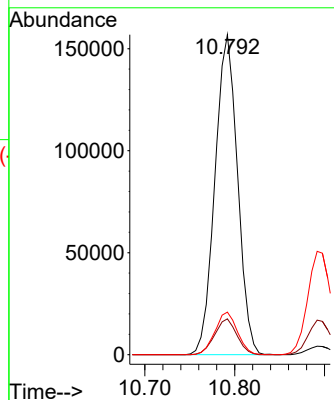
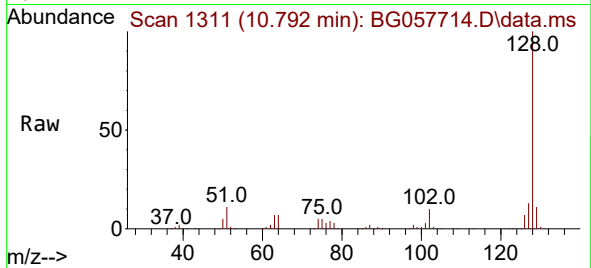




#31
Naphthalene
Concen: 38.440 ng
RT: 10.792 min Scan# 1182
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

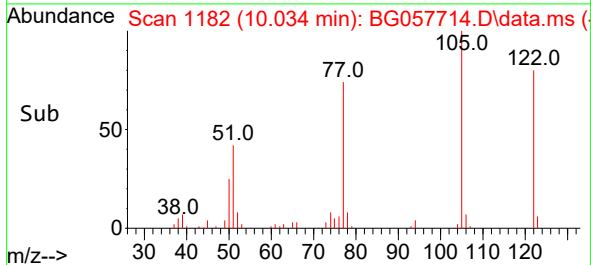
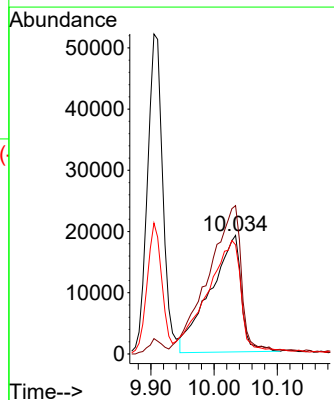
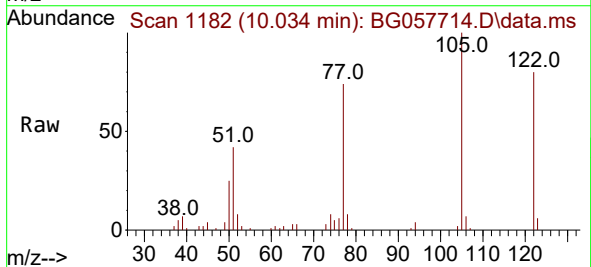
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

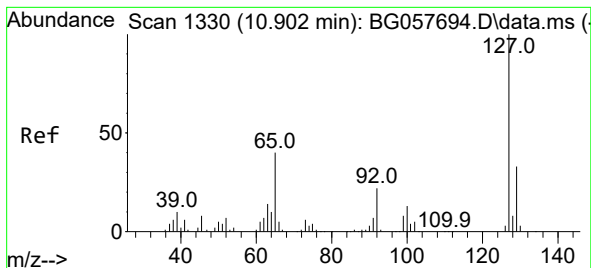
Tgt Ion:128 Resp: 273640
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.0 15.0



#32
Benzoic acid
Concen: 81.110 ng
RT: 10.034 min Scan# 1182
Delta R.T. 0.002 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion:122 Resp: 64978
Ion Ratio Lower Upper
122 100
105 125.2 113.8 153.8
77 92.0 81.0 121.0

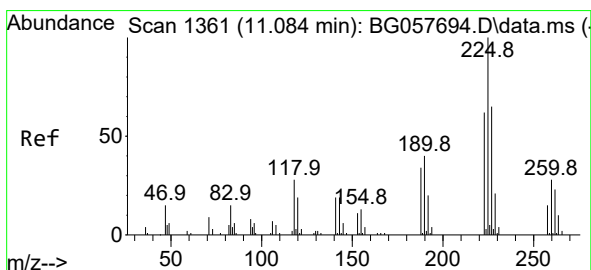
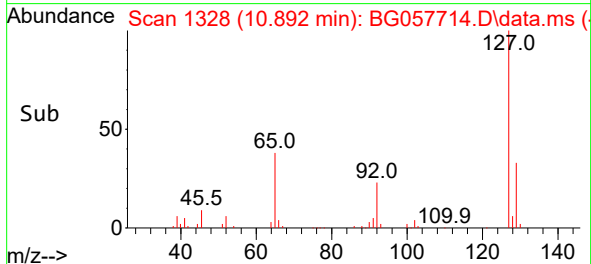
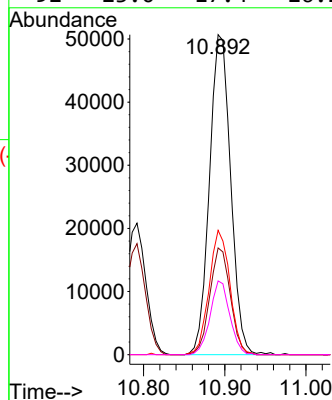
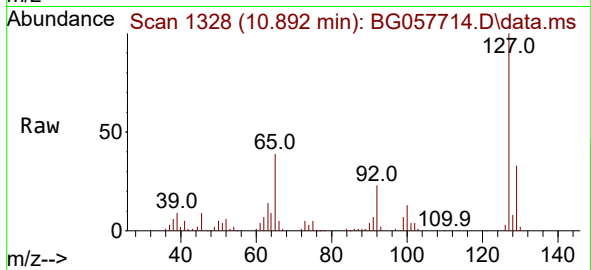




#33
4-Chloroaniline
Concen: 27.722 ng
RT: 10.892 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

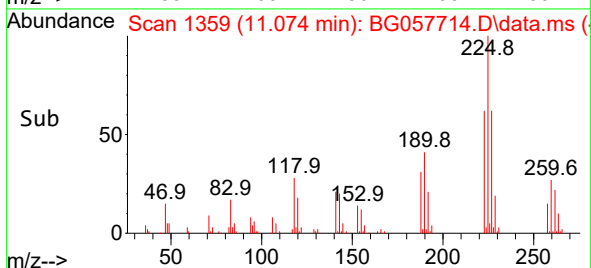
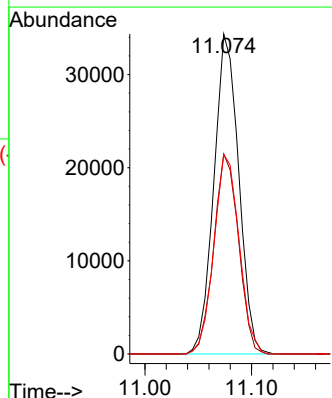
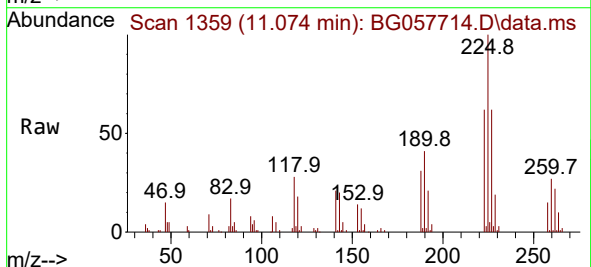
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

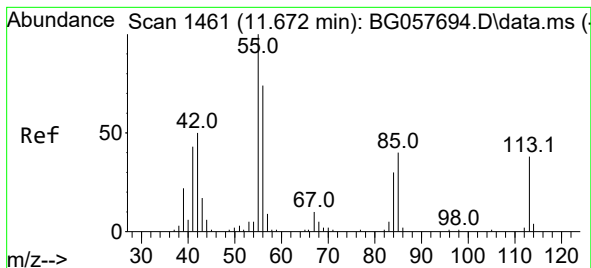
Tgt Ion:127	Resp:	91878
Ion Ratio	Lower	Upper
127	100	
129	33.4	26.6 39.8
65	38.8	31.7 47.5
92	23.0	17.4 26.2



#34
Hexachlorobutadiene
Concen: 39.045 ng
RT: 11.074 min Scan# 1359
Delta R.T. -0.010 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion:225	Resp:	55496
Ion Ratio	Lower	Upper
225	100	
223	62.5	52.0 78.0
227	62.4	51.8 77.8





#35

Caprolactam

Concen: 28.034 ng

RT: 11.661 min Scan# 1461

Delta R.T. -0.010 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

Instrument :

BNA_G

ClientSampleId :

TP-4-GAMSD

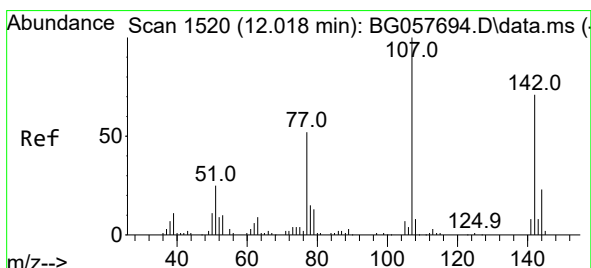
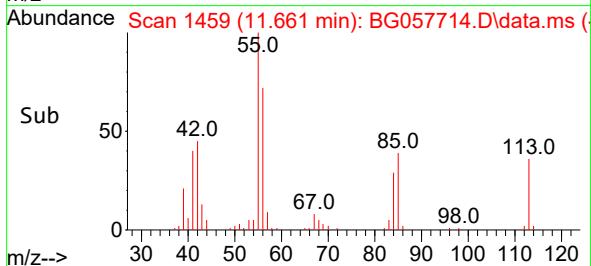
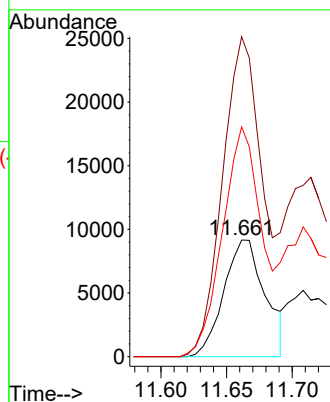
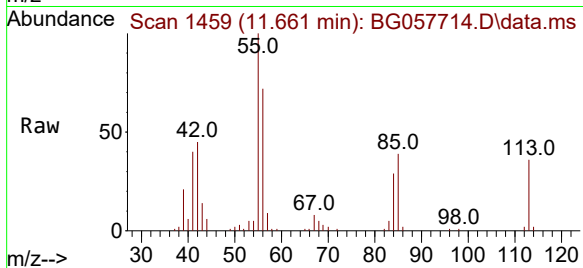
Tgt Ion:113 Resp: 20111

Ion Ratio Lower Upper

113 100

55 274.2 239.9 279.9

56 196.9 171.9 211.9



#36

4-Chloro-3-methylphenol

Concen: 43.578 ng

RT: 12.014 min Scan# 1519

Delta R.T. -0.004 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

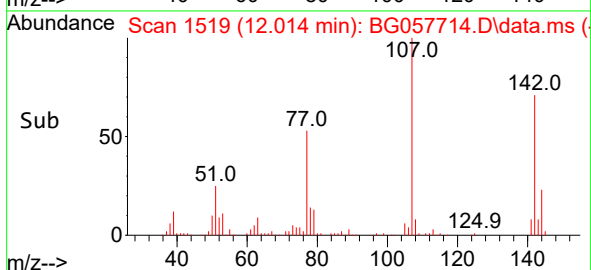
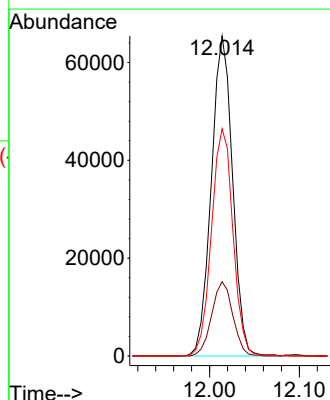
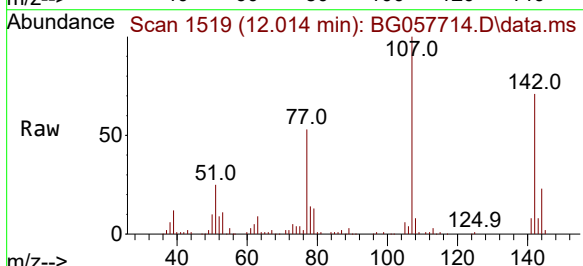
Tgt Ion:107 Resp: 107360

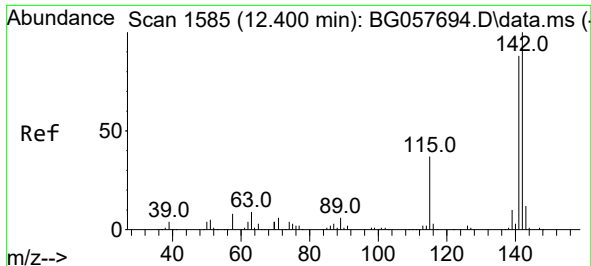
Ion Ratio Lower Upper

107 100

144 23.2 18.7 28.1

142 71.0 56.7 85.1





#37

2-Methylnaphthalene

Concen: 35.626 ng

RT: 12.396 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

Instrument :

BNA_G

ClientSampleId :

TP-4-GAMSD

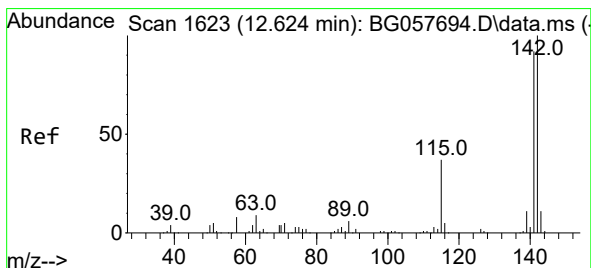
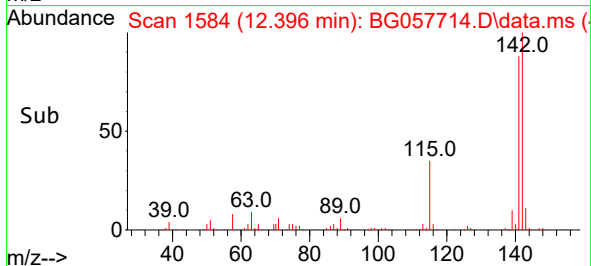
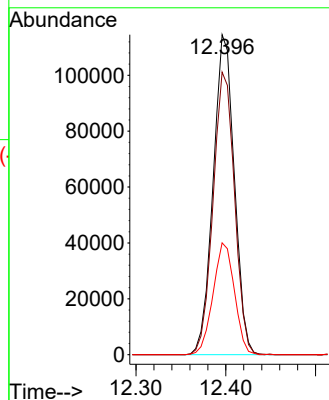
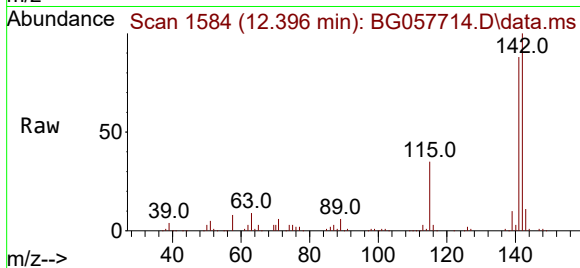
Tgt Ion:142 Resp: 187623

Ion Ratio Lower Upper

142 100

141 88.3 70.6 105.8

115 34.9 29.4 44.0



#38

1-Methylnaphthalene

Concen: 35.535 ng

RT: 12.619 min Scan# 1622

Delta R.T. -0.005 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

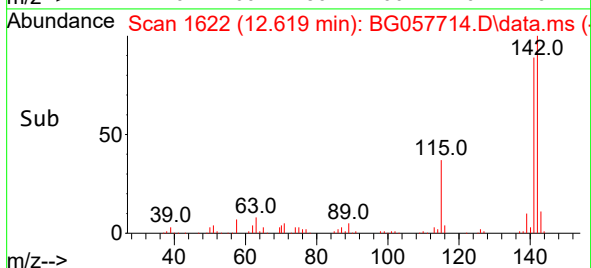
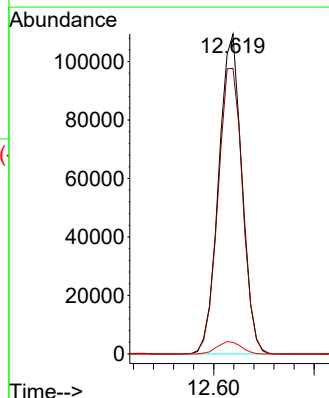
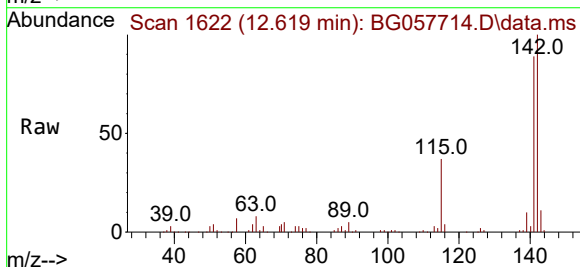
Tgt Ion:142 Resp: 175569

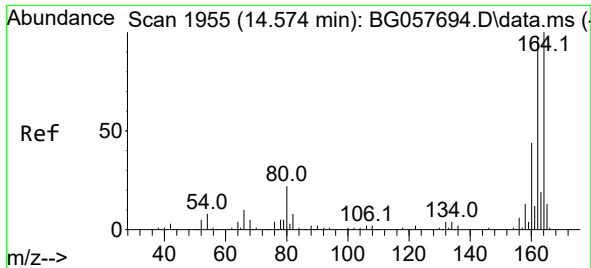
Ion Ratio Lower Upper

142 100

141 89.2 73.4 110.0

116 3.7 3.6 5.4

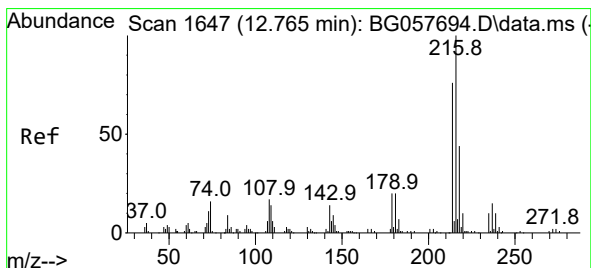
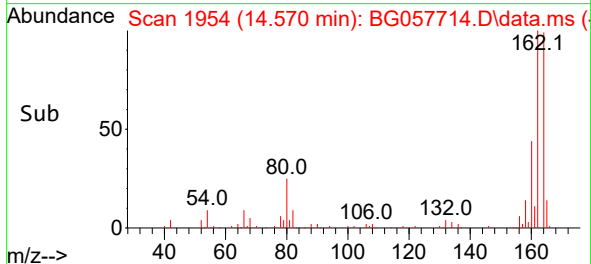
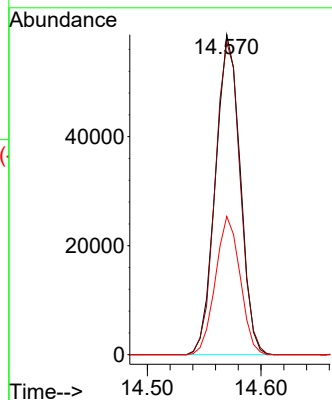
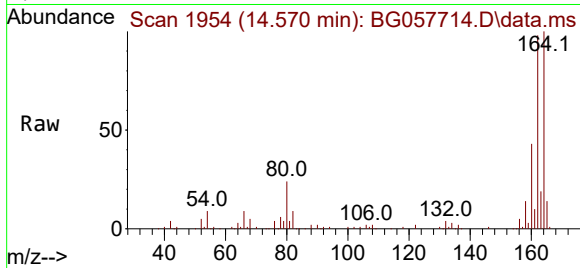




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.570 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

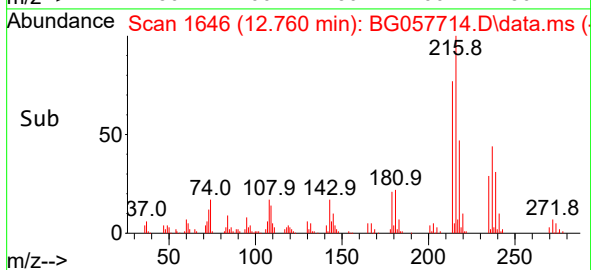
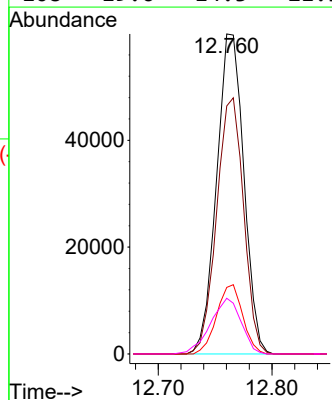
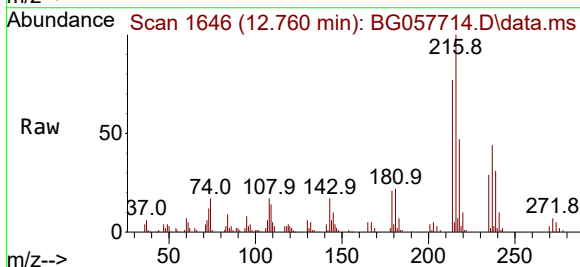
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

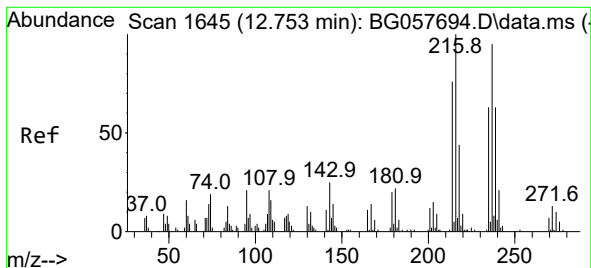
Tgt Ion:164 Resp: 88598
Ion Ratio Lower Upper
164 100
162 97.7 77.7 116.5
160 43.2 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.777 ng
RT: 12.760 min Scan# 1646
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion:216 Resp: 99762
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 20.7 16.7 25.1
108 19.6 14.3 21.5

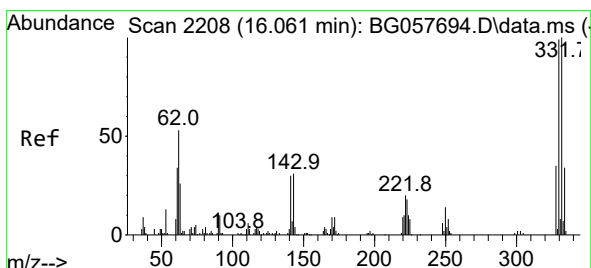
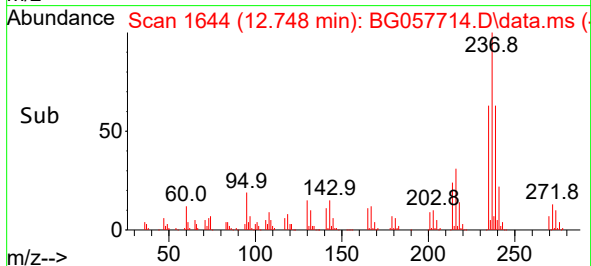
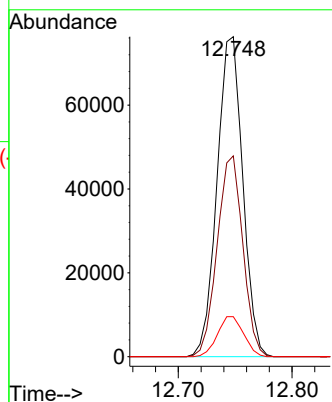
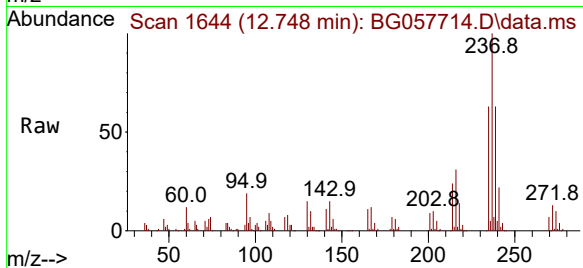




#41
Hexachlorocyclopentadiene
Concen: 125.376 ng
RT: 12.748 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

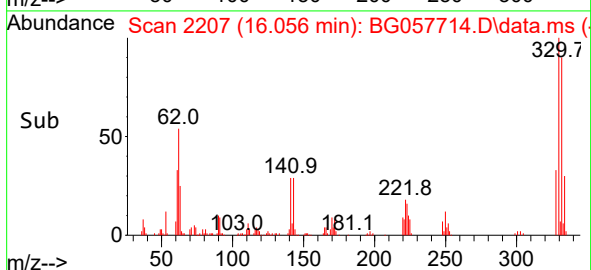
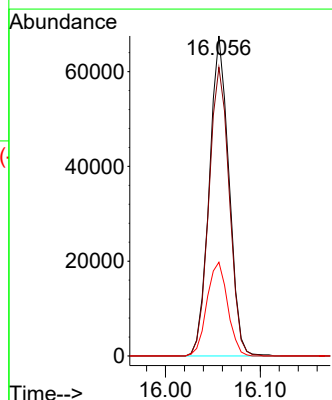
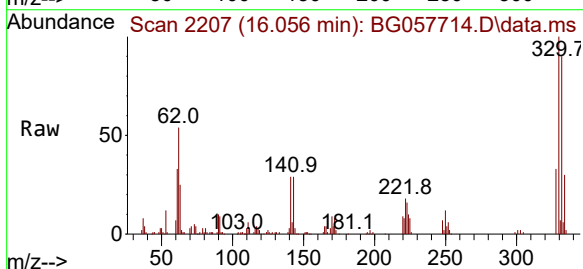
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

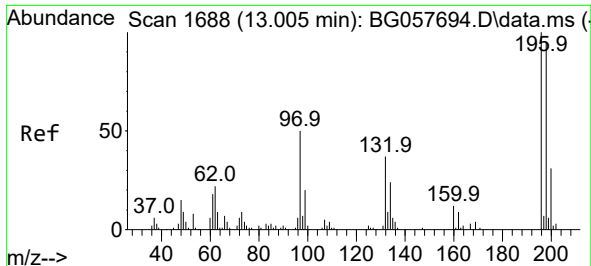
Tgt Ion:237 Resp: 119932
Ion Ratio Lower Upper
237 100
235 62.8 46.7 86.7
272 12.5 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 98.092 ng
RT: 16.056 min Scan# 2207
Delta R.T. -0.005 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion:330 Resp: 96959
Ion Ratio Lower Upper
330 100
332 93.3 79.0 118.6
141 30.8 25.0 37.6





#43

2,4,6-Trichlorophenol

Concen: 46.047 ng

RT: 13.001 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

Instrument :

BNA_G

ClientSampleId :

TP-4-GAMSD

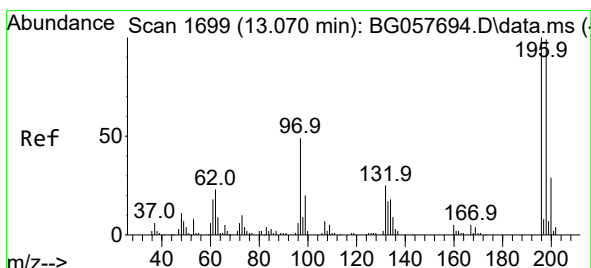
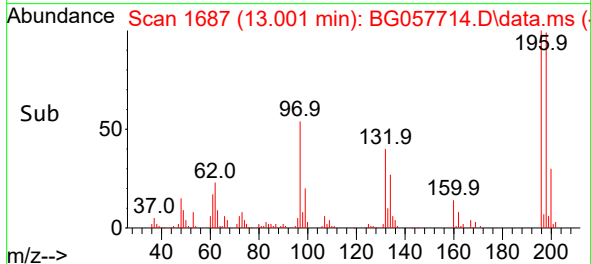
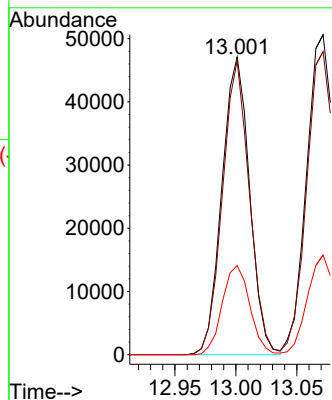
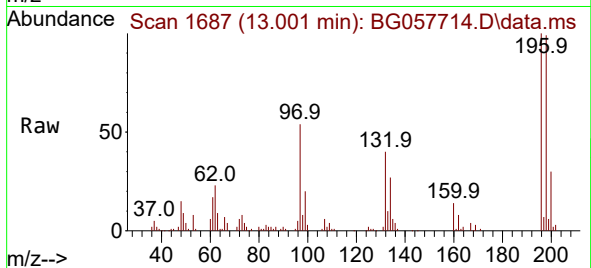
Tgt Ion:196 Resp: 74507

Ion Ratio Lower Upper

196 100

198 98.8 75.8 113.6

200 29.9 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 43.423 ng

RT: 13.072 min Scan# 1699

Delta R.T. 0.002 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

Tgt Ion:196 Resp: 82698

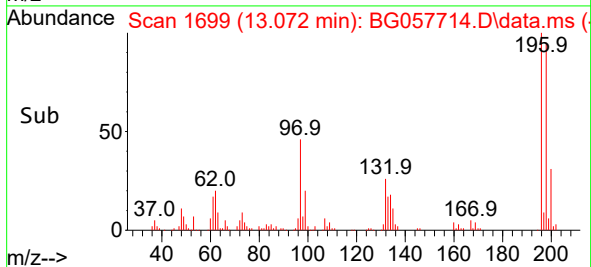
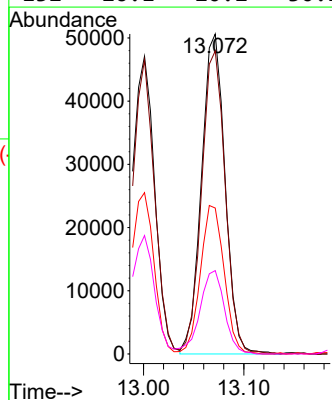
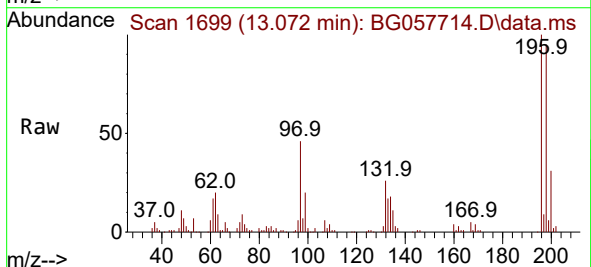
Ion Ratio Lower Upper

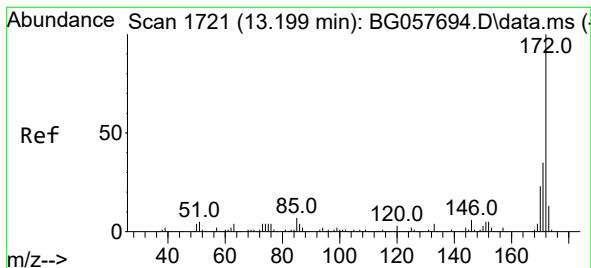
196 100

198 94.7 79.2 118.8

97 45.6 39.9 59.9

132 26.1 20.2 30.2





#45

2-Fluorobiphenyl

Concen: 49.574 ng

RT: 13.195 min Scan# 1720

Delta R.T. -0.004 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

Instrument :

BNA_G

ClientSampleId :

TP-4-GAMSD

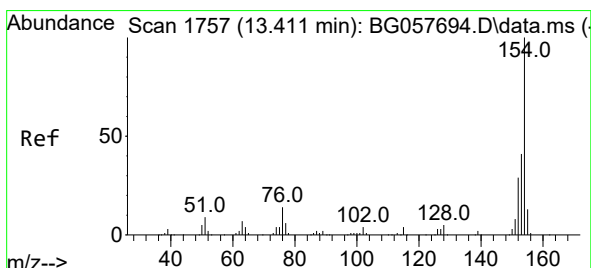
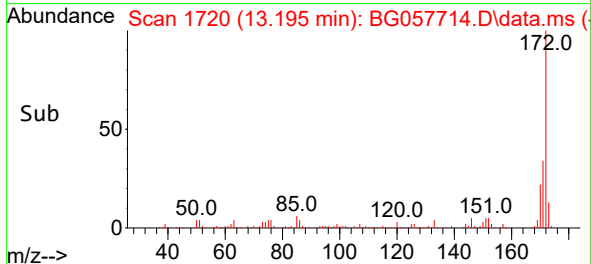
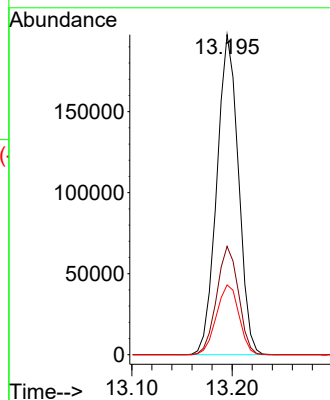
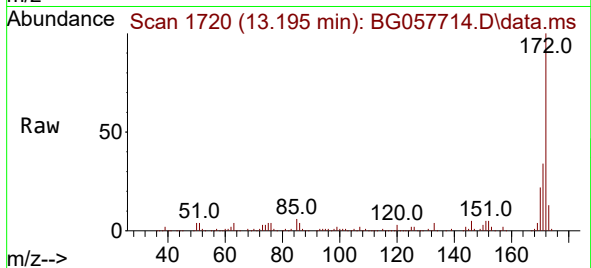
Tgt Ion:172 Resp: 294656

Ion Ratio Lower Upper

172 100

171 33.9 27.9 41.9

170 21.8 18.2 27.4



#46

1,1'-Biphenyl

Concen: 40.653 ng

RT: 13.406 min Scan# 1756

Delta R.T. -0.005 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

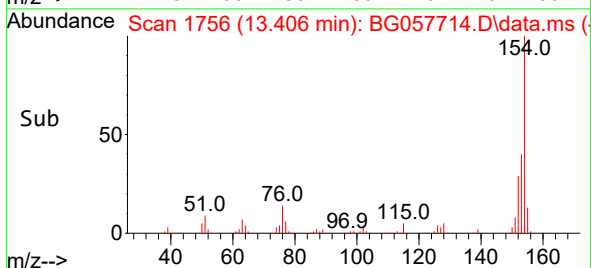
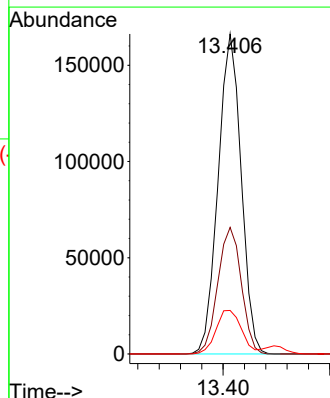
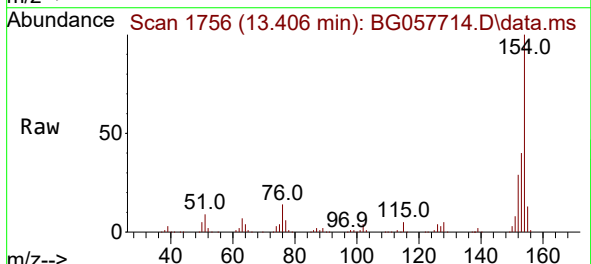
Tgt Ion:154 Resp: 248857

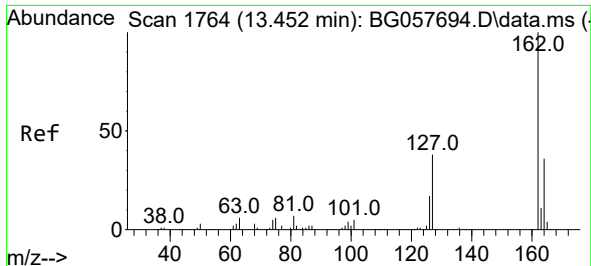
Ion Ratio Lower Upper

154 100

153 39.5 21.0 61.0

76 13.6 0.0 33.9

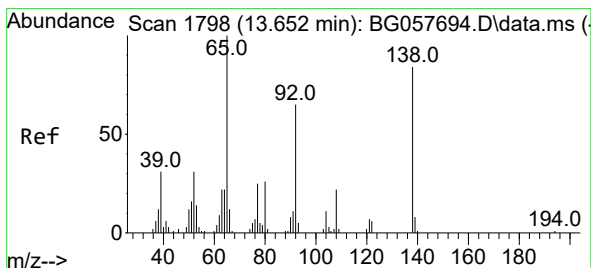
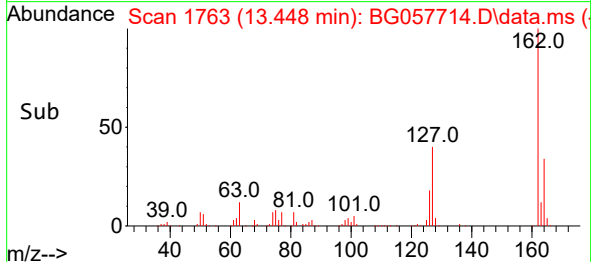
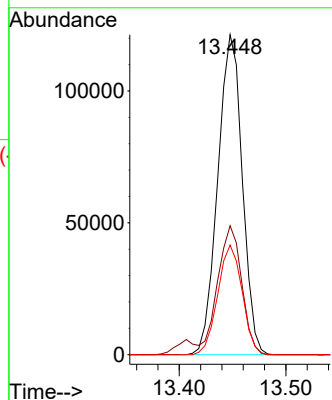
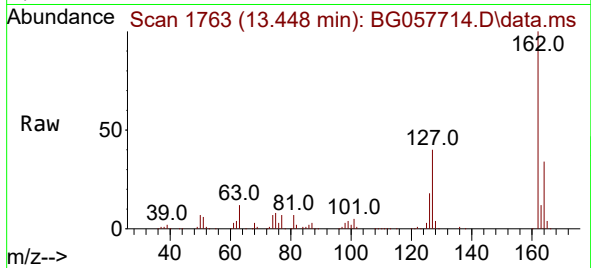




#47
2-Chloronaphthalene
Concen: 41.781 ng
RT: 13.448 min Scan# 1763
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

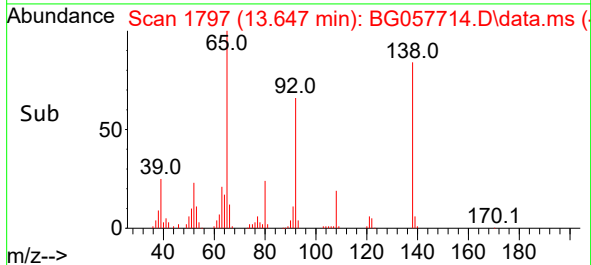
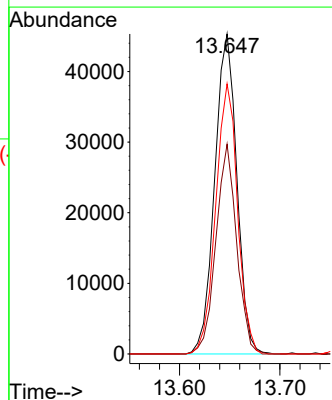
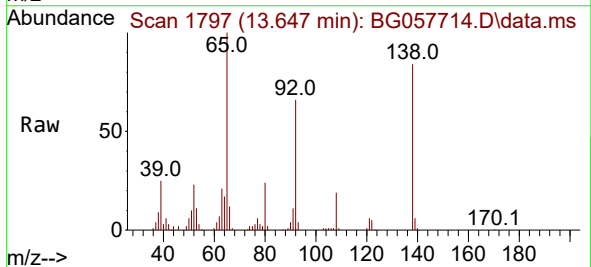
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

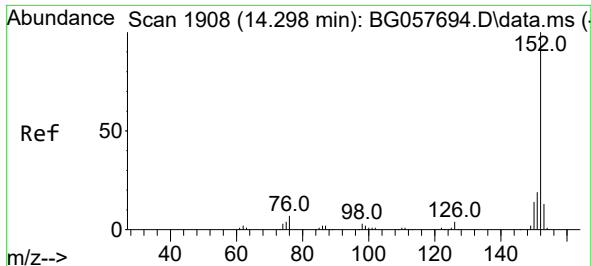
Tgt Ion:162 Resp: 193308
Ion Ratio Lower Upper
162 100
127 40.3 32.6 49.0
164 34.2 29.0 43.4



#48
2-Nitroaniline
Concen: 53.371 ng
RT: 13.647 min Scan# 1797
Delta R.T. -0.005 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion: 65 Resp: 69395
Ion Ratio Lower Upper
65 100
92 65.5 52.2 78.4
138 84.4 67.0 100.4

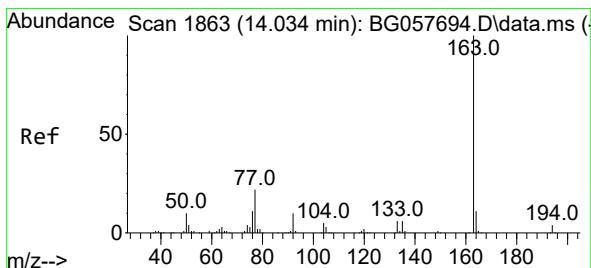
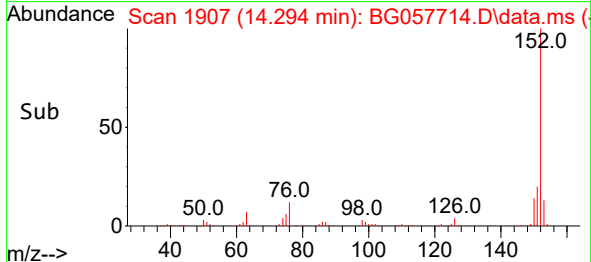
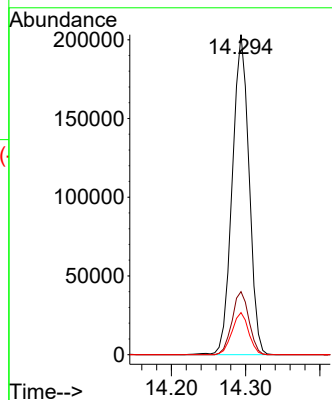
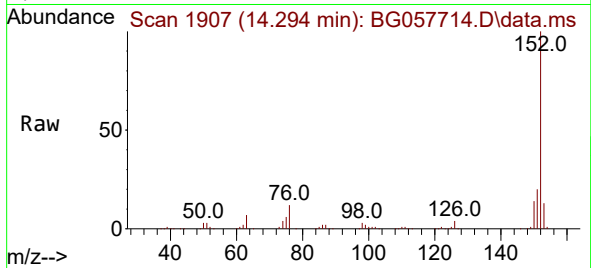




#49
Acenaphthylene
Concen: 39.669 ng
RT: 14.294 min Scan# 1907
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

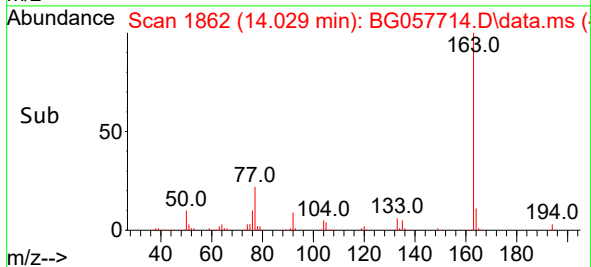
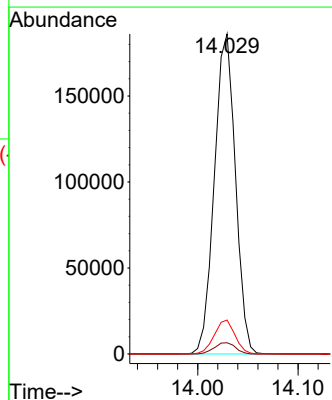
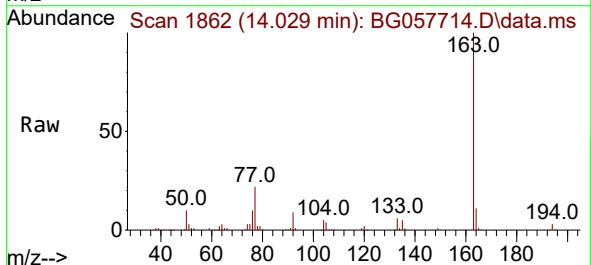
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

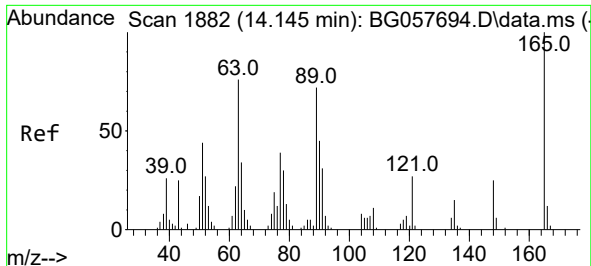
Tgt Ion:152 Resp: 318288
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.0
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 41.589 ng
RT: 14.029 min Scan# 1862
Delta R.T. -0.005 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion:163 Resp: 270172
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 10.6 8.4 12.6

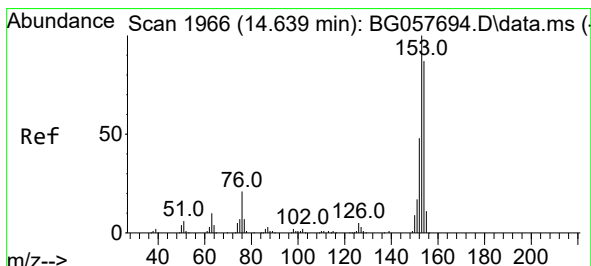
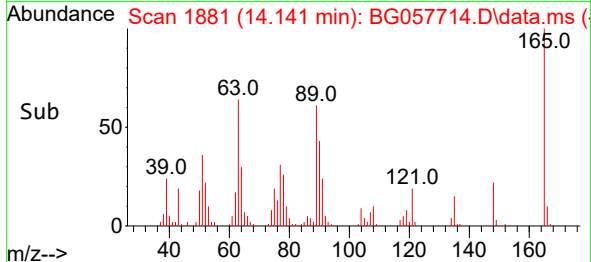
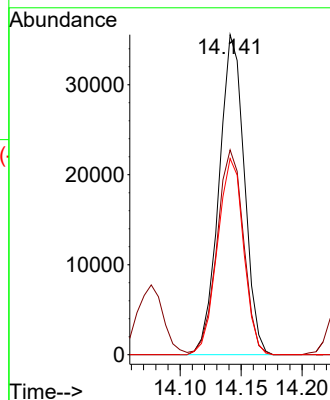
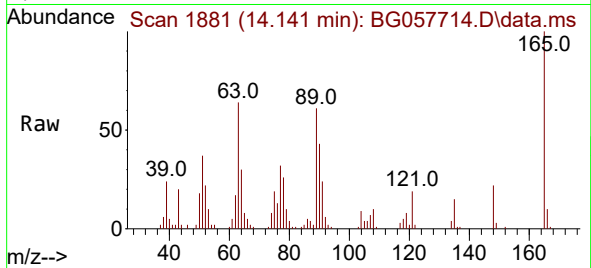




#51
2,6-Dinitrotoluene
Concen: 52.472 ng
RT: 14.141 min Scan# 1882
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

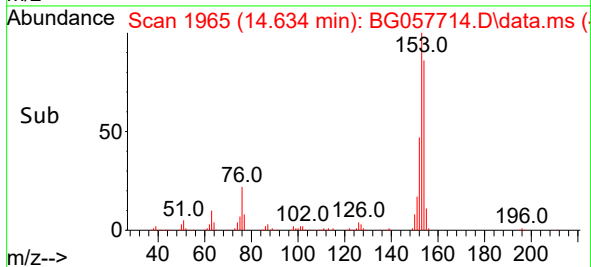
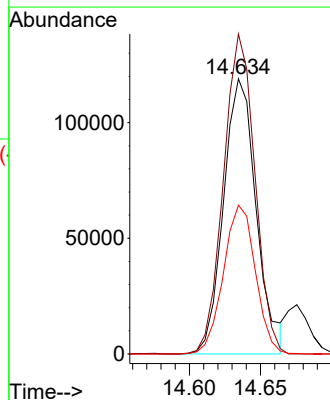
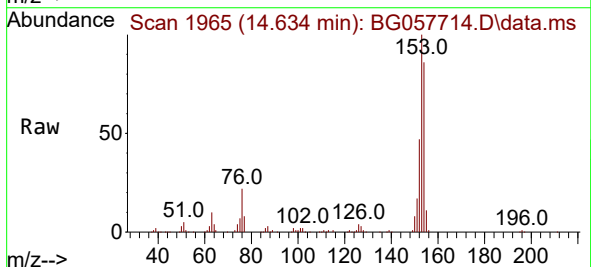
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

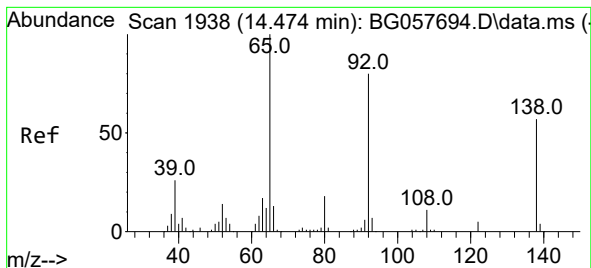
Tgt Ion:165 Resp: 51435
Ion Ratio Lower Upper
165 100
63 64.0 62.3 93.5
89 61.3 57.4 86.0



#52
Acenaphthene
Concen: 39.583 ng
RT: 14.634 min Scan# 1965
Delta R.T. -0.005 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion:154 Resp: 190377
Ion Ratio Lower Upper
154 100
153 116.3 91.4 137.2
152 54.1 43.5 65.3





#53

3-Nitroaniline

Concen: 43.390 ng

RT: 14.470 min Scan# 1938

Delta R.T. -0.004 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

Instrument :

BNA_G

ClientSampleId :

TP-4-GAMSD

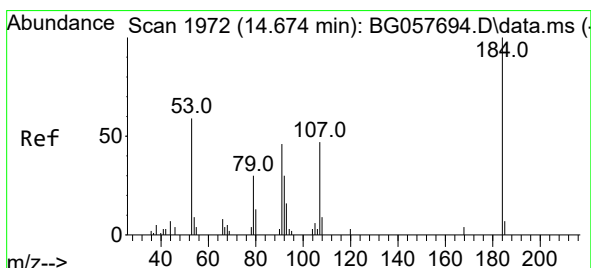
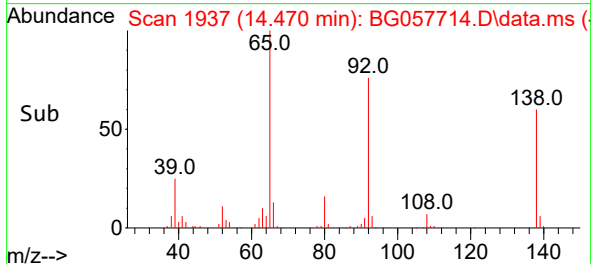
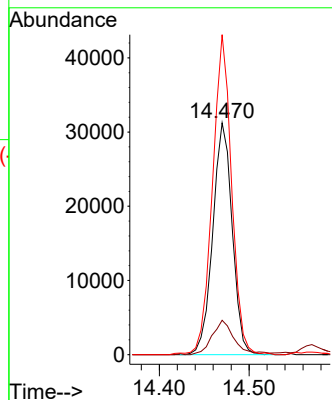
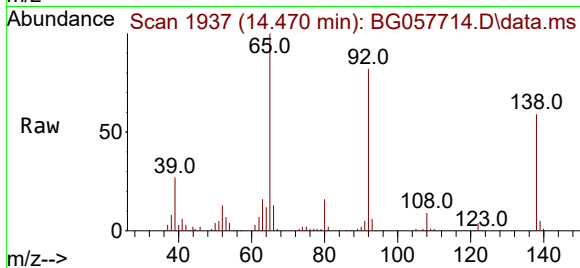
Tgt Ion:138 Resp: 46910

Ion Ratio Lower Upper

138 100

108 14.8 15.8 23.8#

92 138.1 112.2 168.2



#54

2,4-Dinitrophenol

Concen: 104.431 ng

RT: 14.676 min Scan# 1972

Delta R.T. 0.002 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

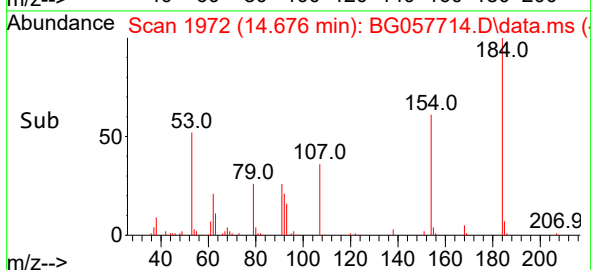
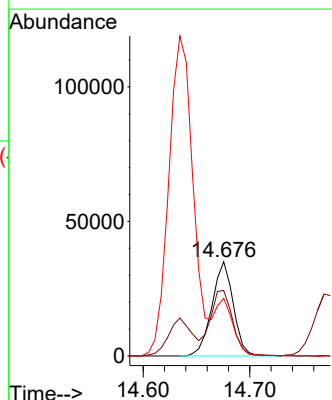
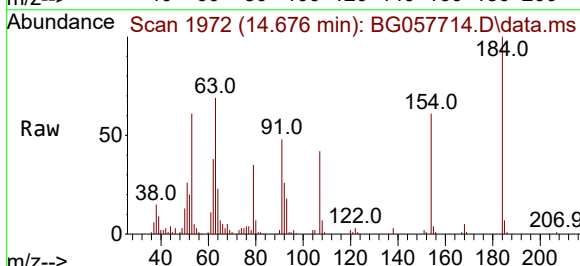
Tgt Ion:184 Resp: 48804

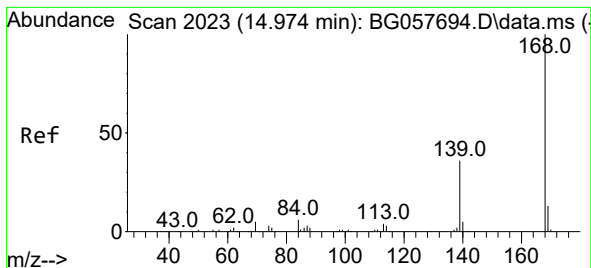
Ion Ratio Lower Upper

184 100

63 69.4 59.0 88.6

154 60.9 47.5 71.3





#55

Dibenzenofuran

Concen: 38.832 ng

RT: 14.969 min Scan# 20

Delta R.T. -0.005 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

Instrument :

BNA_G

ClientSampleId :

TP-4-GAMSD

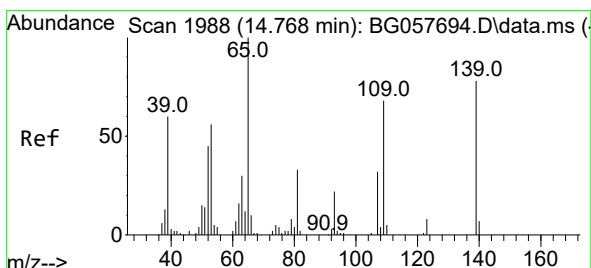
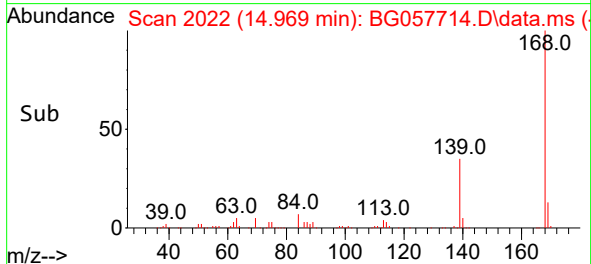
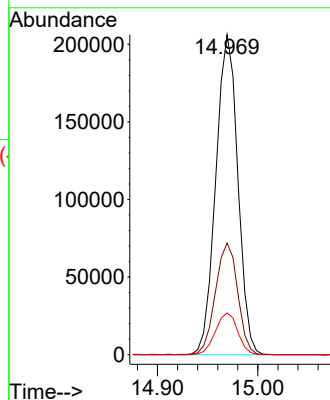
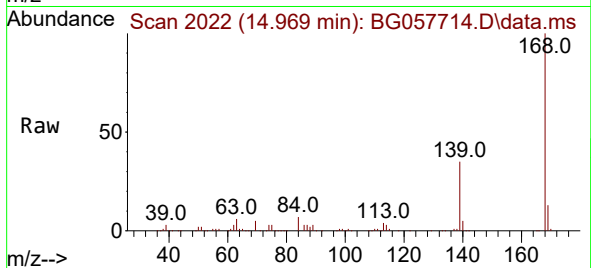
Tgt Ion:168 Resp: 313497

Ion Ratio Lower Upper

168 100

139 34.9 28.7 43.1

169 13.1 10.4 15.6



#56

4-Nitrophenol

Concen: 96.486 ng

RT: 14.775 min Scan# 1989

Delta R.T. 0.007 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

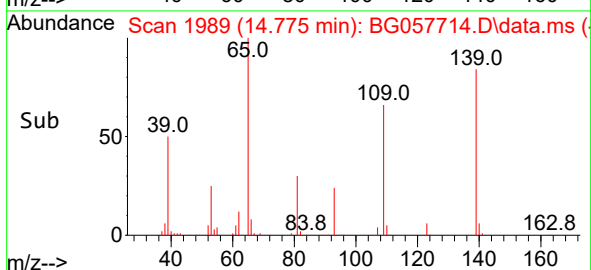
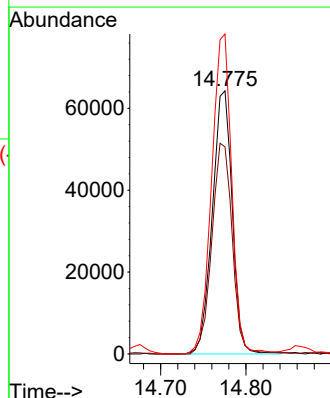
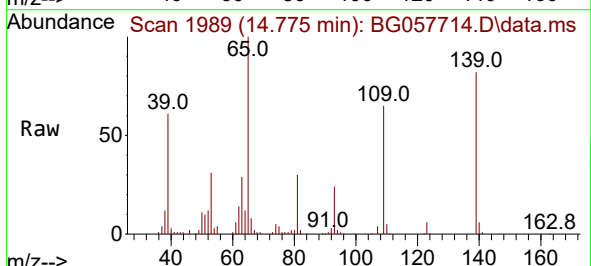
Tgt Ion:139 Resp: 104473

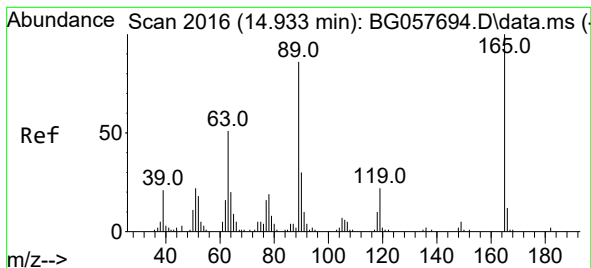
Ion Ratio Lower Upper

139 100

109 78.6 67.3 107.3

65 121.6 108.3 148.3

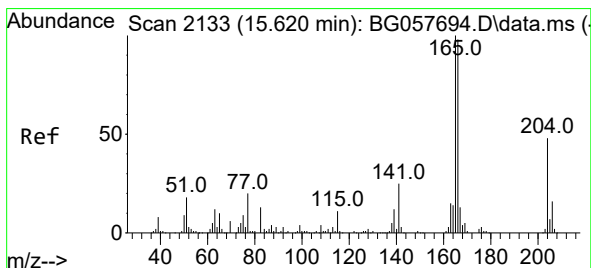
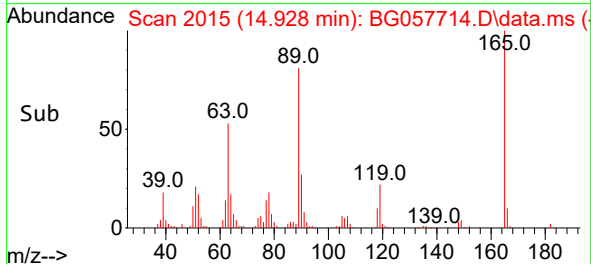
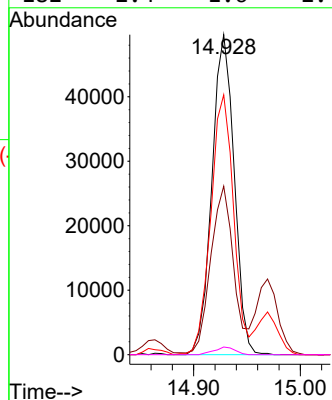
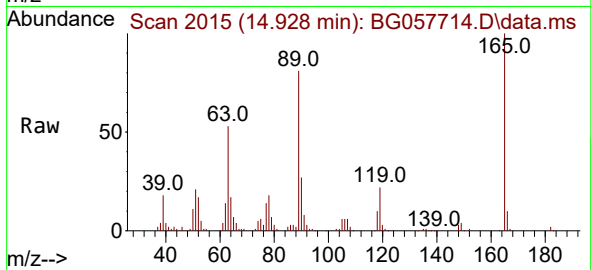




#57
2,4-Dinitrotoluene
Concen: 55.322 ng
RT: 14.928 min Scan# 2015
Delta R.T. -0.005 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

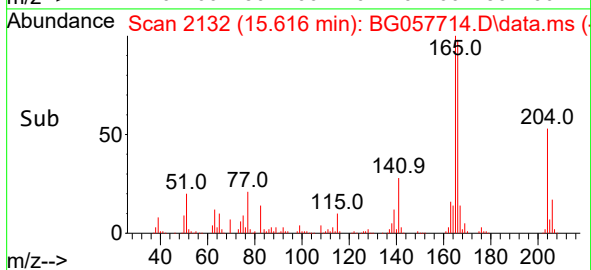
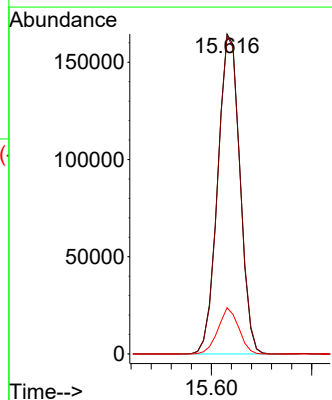
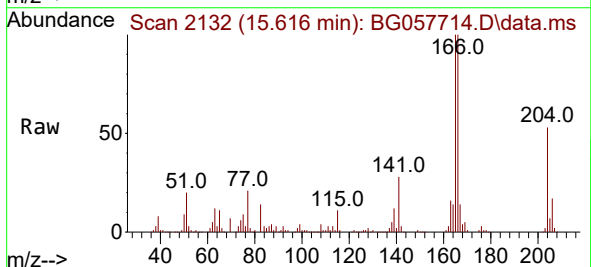
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

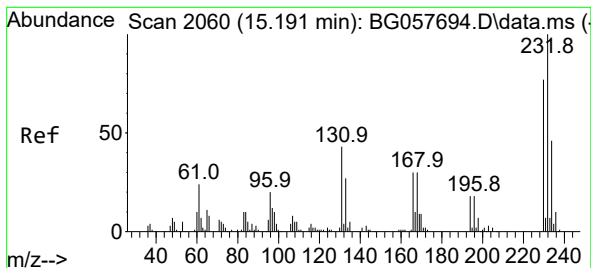
Tgt Ion:165 Resp: 71899
Ion Ratio Lower Upper
165 100
63 52.7 40.8 61.2
89 81.2 68.5 102.7
182 2.4 1.6 2.4



#58
Fluorene
Concen: 39.123 ng
RT: 15.616 min Scan# 2132
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion:166 Resp: 251603
Ion Ratio Lower Upper
166 100
165 99.6 81.6 122.4
167 14.4 10.5 15.7

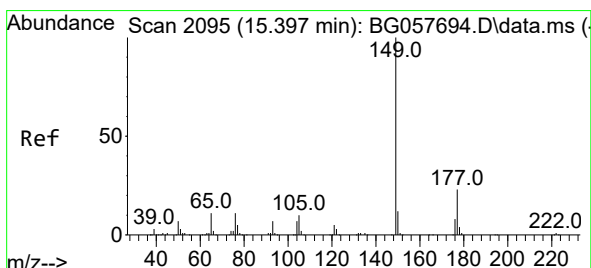
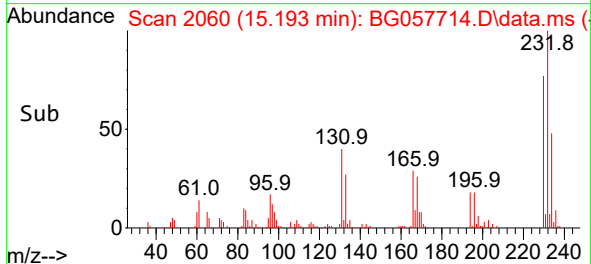
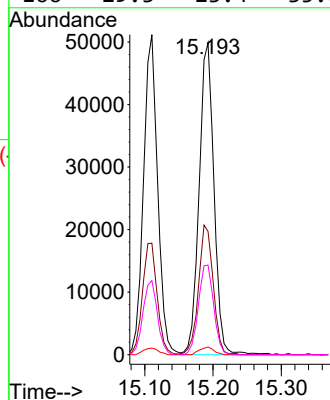
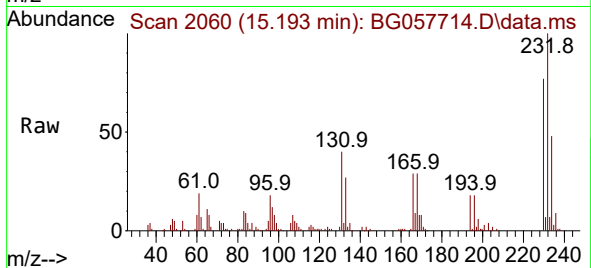




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.251 ng
RT: 15.193 min Scan# 2060
Delta R.T. 0.002 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

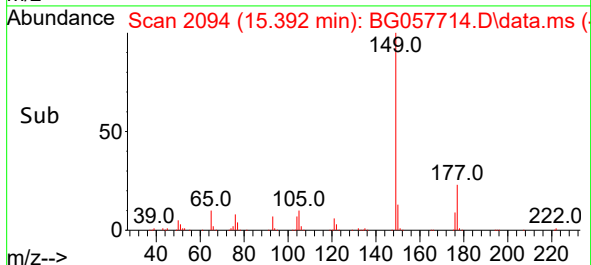
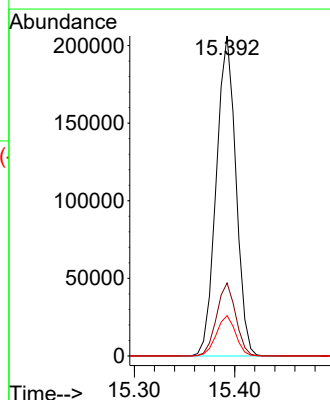
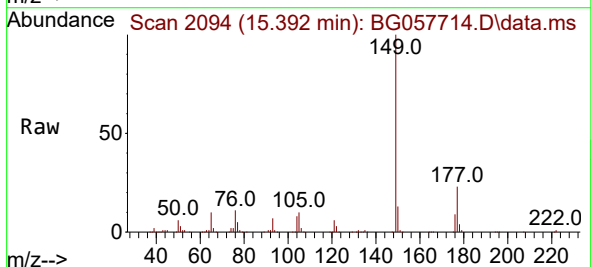
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

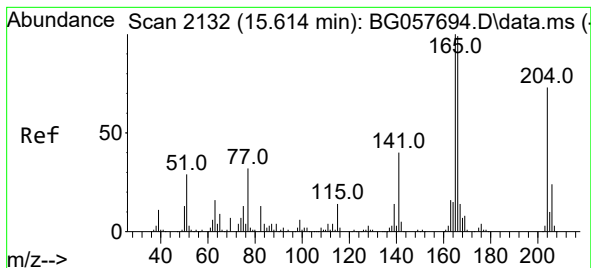
Tgt Ion:232 Resp: 75478
Ion Ratio Lower Upper
232 100
131 41.0 32.6 49.0
130 2.3 1.6 2.4
166 29.3 23.4 35.0



#60
Diethylphthalate
Concen: 41.704 ng
RT: 15.392 min Scan# 2094
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion:149 Resp: 279658
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.2
150 12.6 9.6 14.4

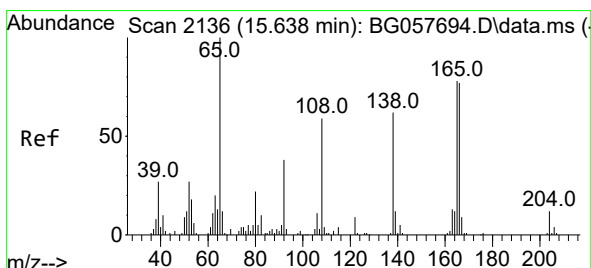
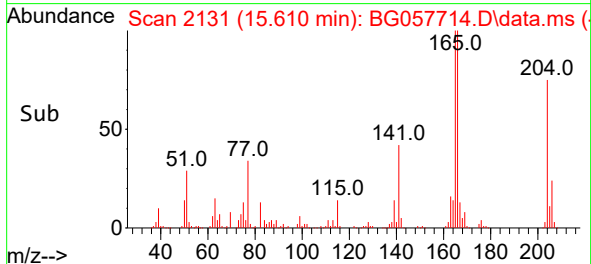
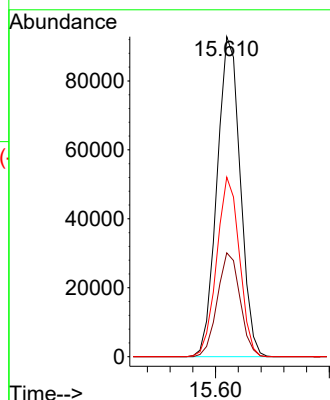
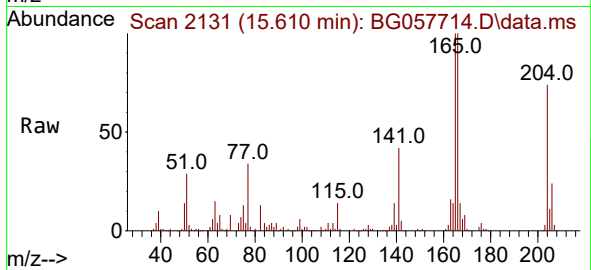




#61
4-Chlorophenyl-phenylether
Concen: 38.228 ng
RT: 15.610 min Scan# 2131
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

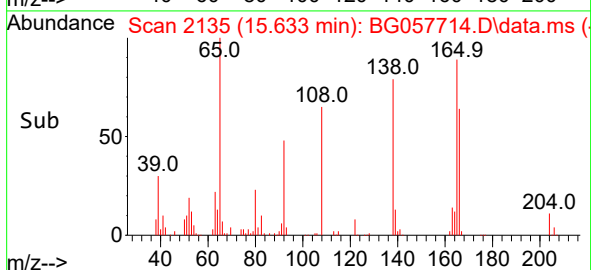
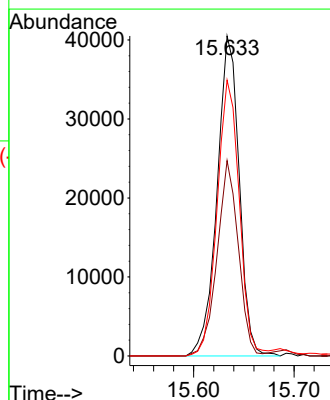
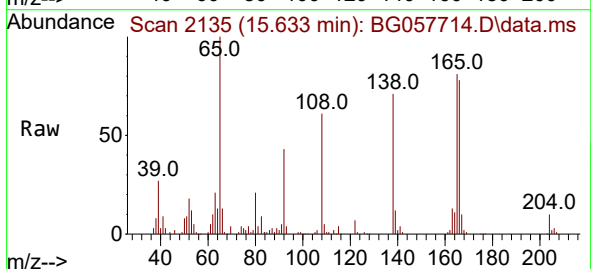
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

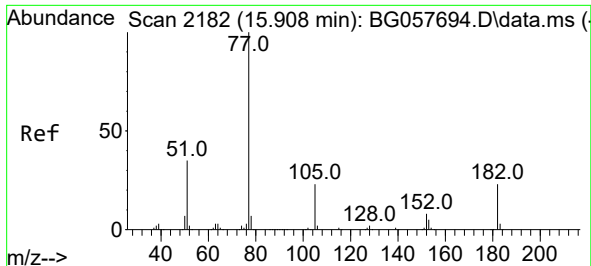
Tgt Ion:204 Resp: 131711
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 56.1 43.8 65.6



#62
4-Nitroaniline
Concen: 50.203 ng
RT: 15.633 min Scan# 2135
Delta R.T. -0.005 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion:138 Resp: 62168
Ion Ratio Lower Upper
138 100
92 61.1 41.6 81.6
108 86.2 74.8 114.8

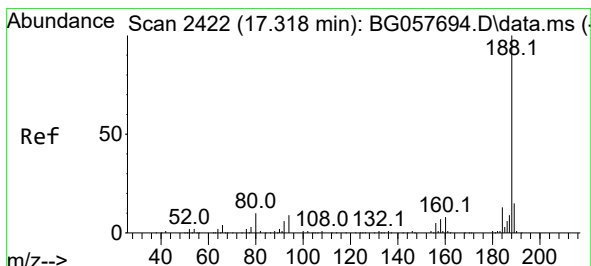
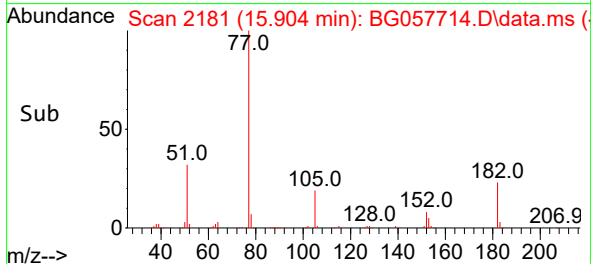
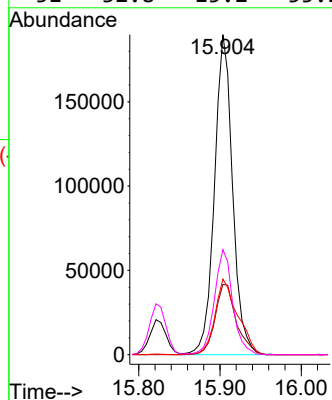
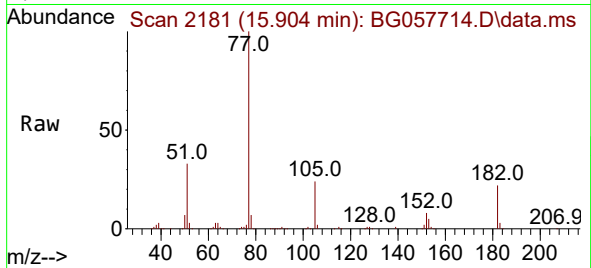




#63
Azobenzene
Concen: 40.923 ng
RT: 15.904 min Scan# 2182
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

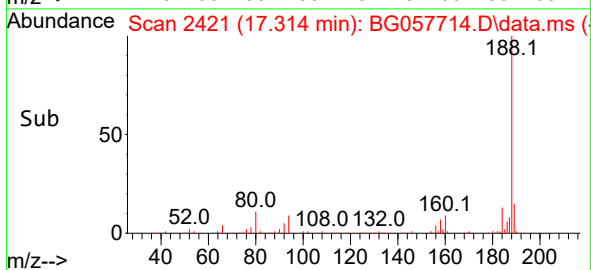
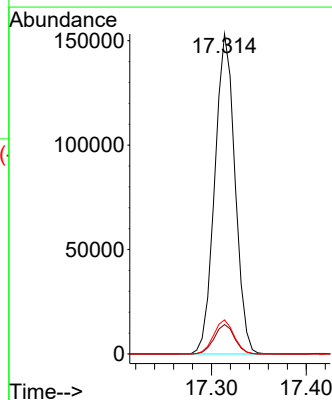
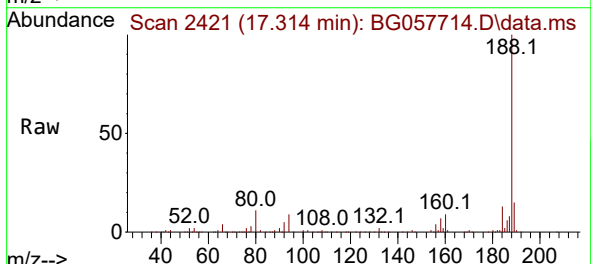
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

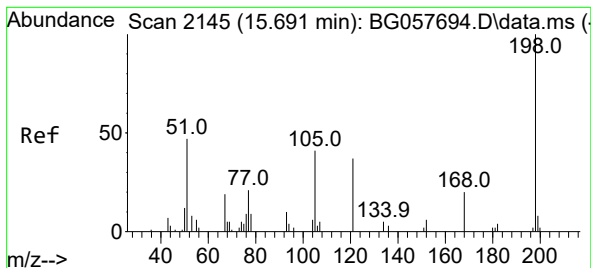
Tgt Ion:	77	Resp:	295065
Ion	Ratio	Lower	Upper
77	100		
182	21.9	3.2	43.2
105	23.6	3.3	43.3
51	32.8	15.2	55.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.314 min Scan# 2421
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion:	188	Resp:	226486
Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.9	10.3
80	10.6	8.2	12.4

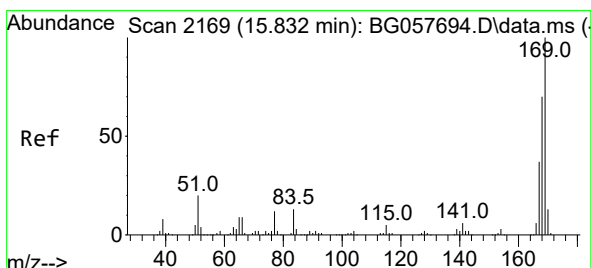
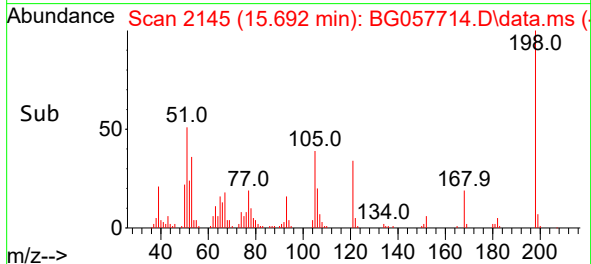
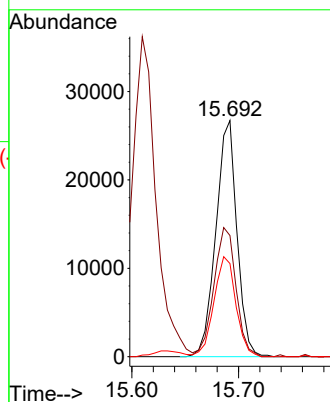
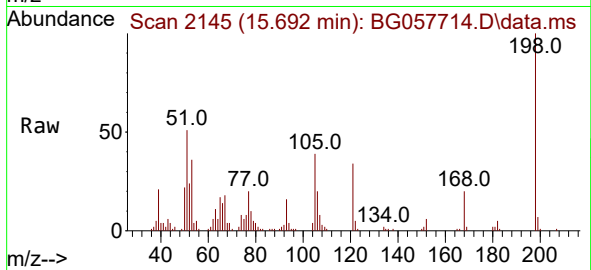




#65
 4,6-Dinitro-2-methylphenol
 Concen: 62.074 ng
 RT: 15.692 min Scan# 2145
 Delta R.T. 0.001 min
 Lab File: BG057714.D
 Acq: 14 Jun 2023 19:24

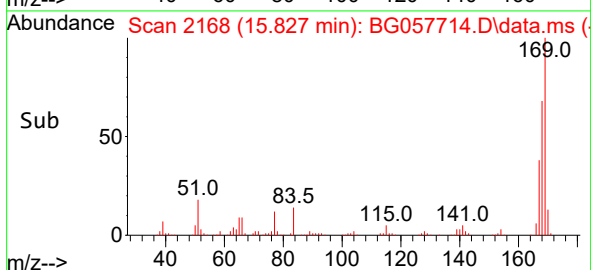
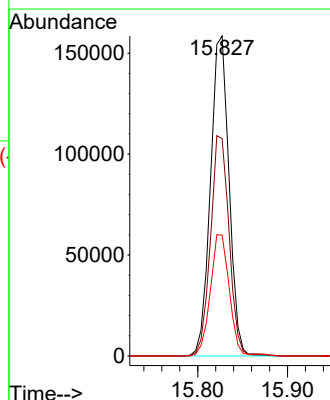
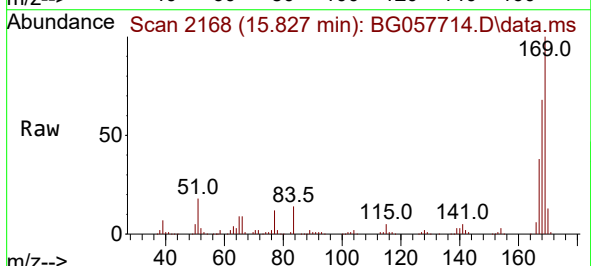
Instrument :
 BNA_G
 ClientSampleId :
 TP-4-GAMSD

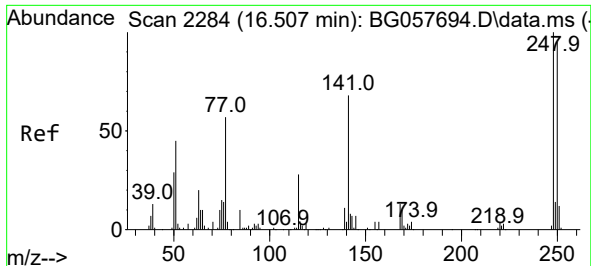
Tgt Ion:198 Resp: 36621
 Ion Ratio Lower Upper
 198 100
 51 51.3 42.0 82.0
 105 39.4 30.9 70.9



#66
 n-Nitrosodiphenylamine
 Concen: 38.373 ng
 RT: 15.827 min Scan# 2168
 Delta R.T. -0.005 min
 Lab File: BG057714.D
 Acq: 14 Jun 2023 19:24

Tgt Ion:169 Resp: 227191
 Ion Ratio Lower Upper
 169 100
 168 67.9 55.8 83.6
 167 37.8 30.1 45.1

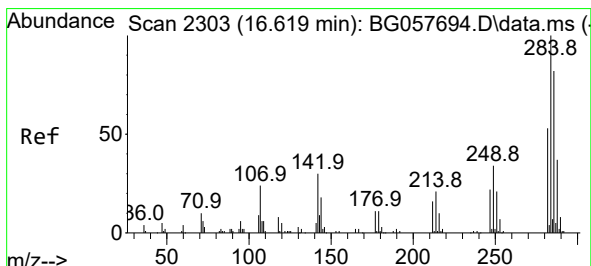
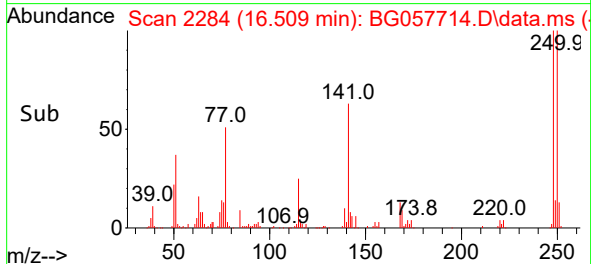
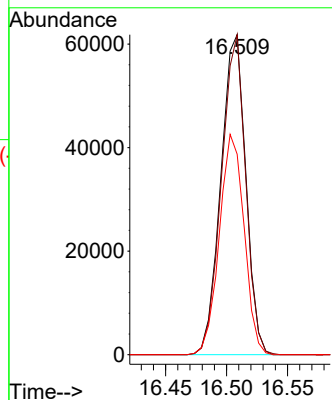
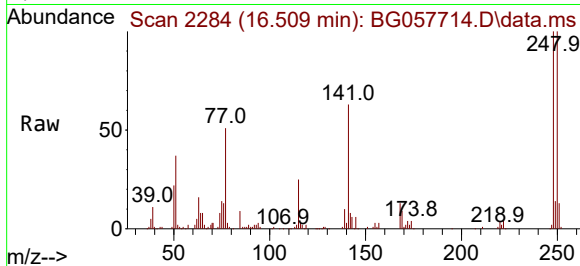




#67
4-Bromophenyl-phenylether
Concen: 38.236 ng
RT: 16.509 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

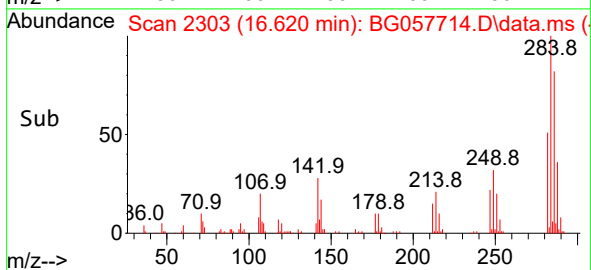
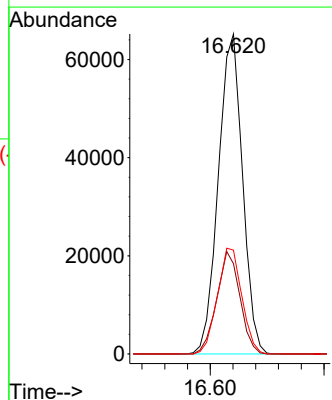
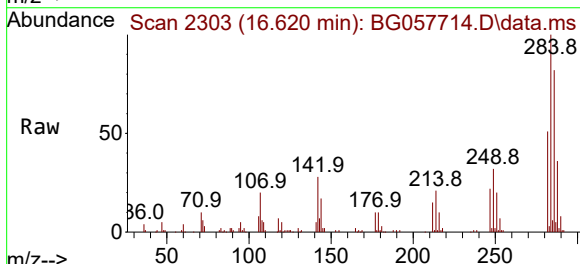
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

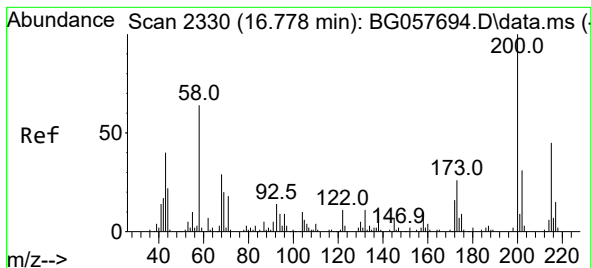
Tgt Ion:248 Resp: 88179
Ion Ratio Lower Upper
248 100
250 100.0 76.3 114.5
141 62.6 54.6 82.0



#68
Hexachlorobenzene
Concen: 39.903 ng
RT: 16.620 min Scan# 2303
Delta R.T. 0.001 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion:284 Resp: 96170
Ion Ratio Lower Upper
284 100
142 28.2 24.1 36.1
249 32.4 26.8 40.2





#69

Atrazine

Concen: 50.228 ng

RT: 16.773 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

Instrument :

BNA_G

ClientSampleId :

TP-4-GAMSD

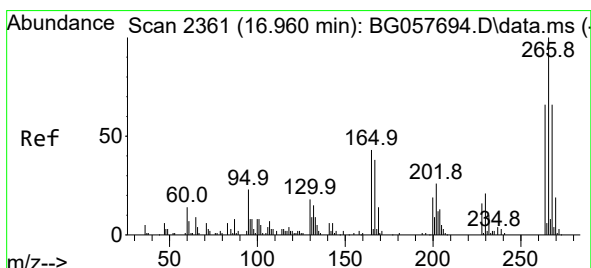
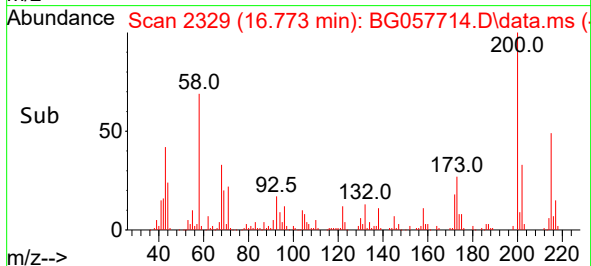
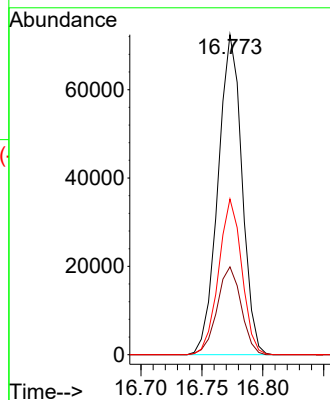
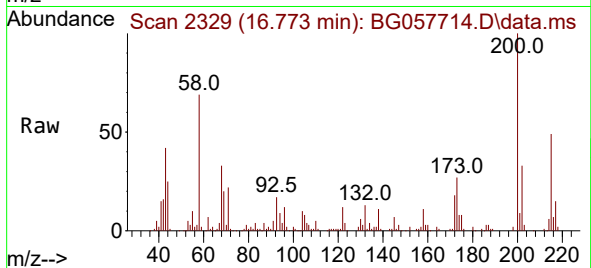
Tgt Ion:200 Resp: 98939

Ion Ratio Lower Upper

200 100

173 27.4 6.3 46.3

215 48.7 25.4 65.4



#70

Pentachlorophenol

Concen: 91.440 ng

RT: 16.961 min Scan# 2361

Delta R.T. 0.001 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

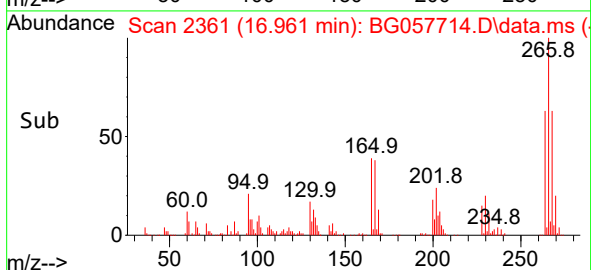
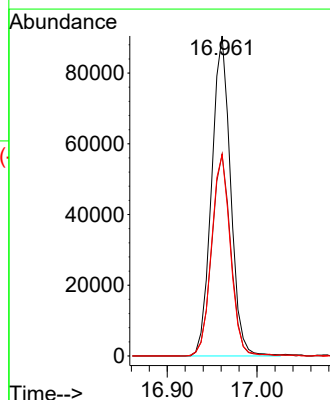
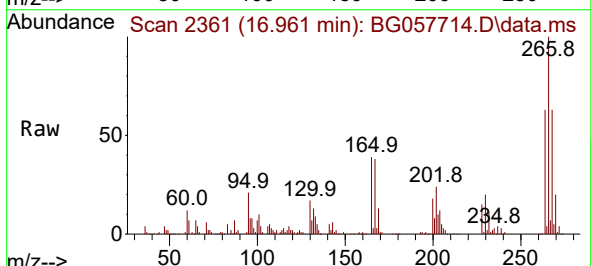
Tgt Ion:266 Resp: 132307

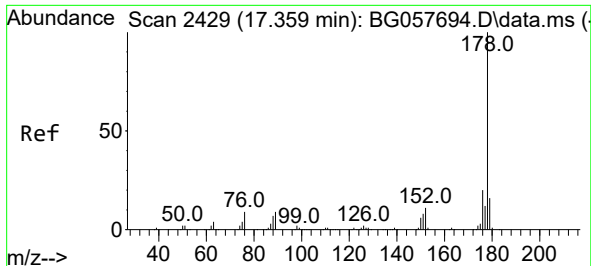
Ion Ratio Lower Upper

266 100

268 63.0 53.0 79.6

264 62.9 52.4 78.6

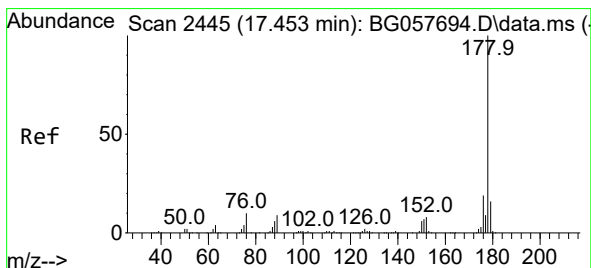
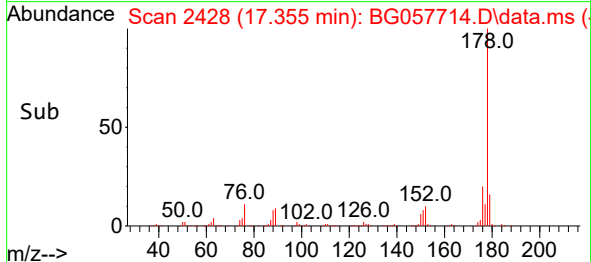
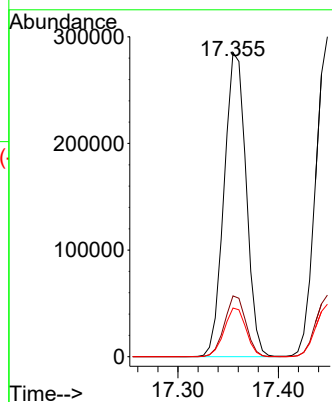
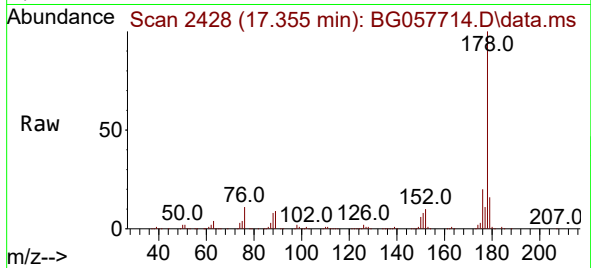




#71
Phenanthrene
Concen: 39.308 ng
RT: 17.355 min Scan# 2429
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

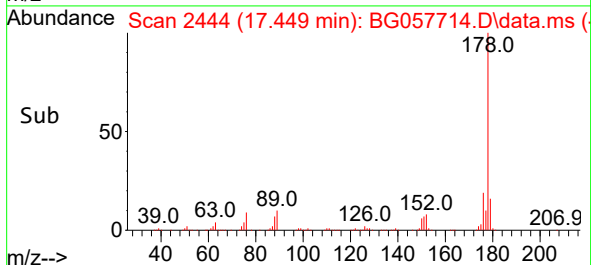
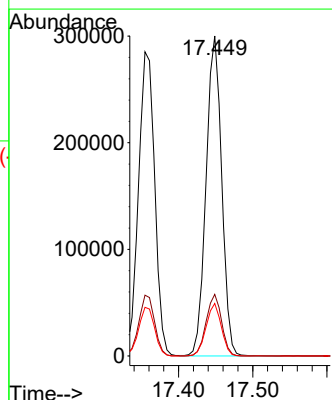
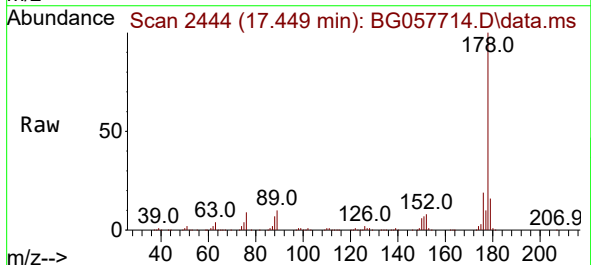
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

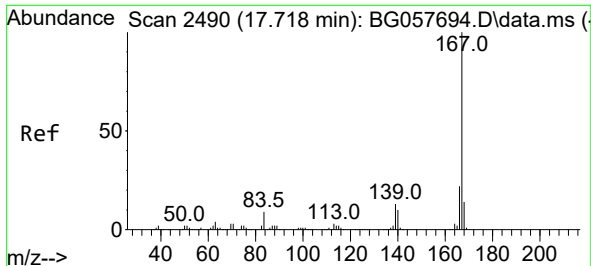
Tgt Ion:178 Resp: 434423
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 16.0 13.0 19.6



#72
Anthracene
Concen: 39.356 ng
RT: 17.449 min Scan# 2444
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion:178 Resp: 440629
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 16.4 12.9 19.3

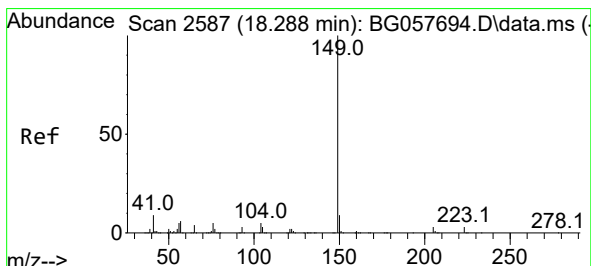
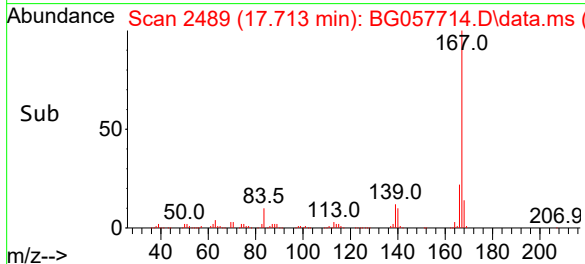
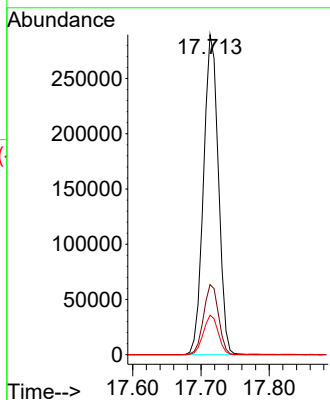
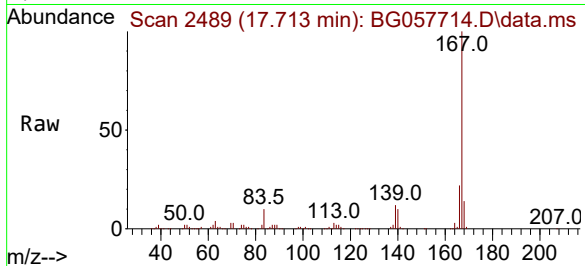




#73
 Carbazole
 Concen: 42.408 ng
 RT: 17.713 min Scan# 2490
 Delta R.T. -0.004 min
 Lab File: BG057714.D
 Acq: 14 Jun 2023 19:24

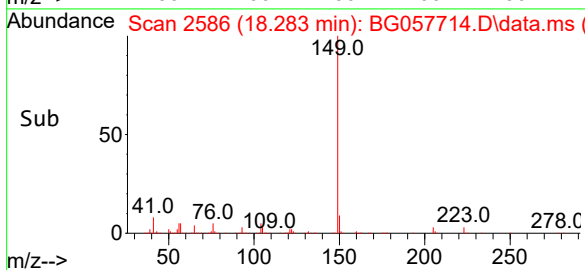
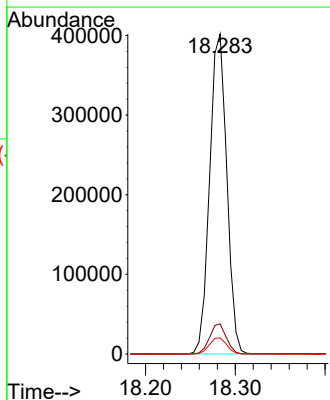
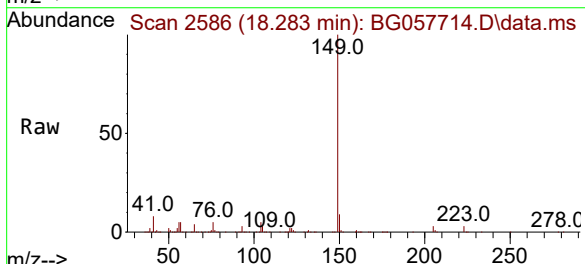
Instrument :
 BNA_G
 ClientSampleId :
 TP-4-GAMSD

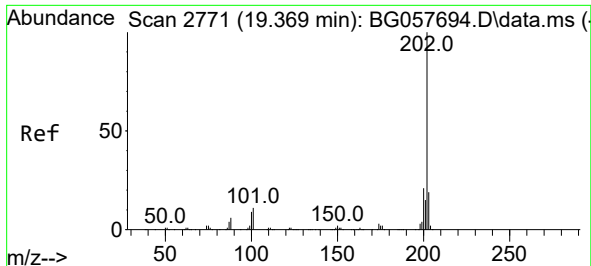
Tgt Ion:167 Resp: 439719
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 12.3 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 46.351 ng
 RT: 18.283 min Scan# 2586
 Delta R.T. -0.004 min
 Lab File: BG057714.D
 Acq: 14 Jun 2023 19:24

Tgt Ion:149 Resp: 532704
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.0 10.6
 104 5.0 4.3 6.5

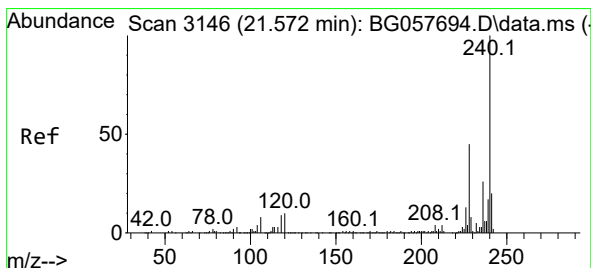
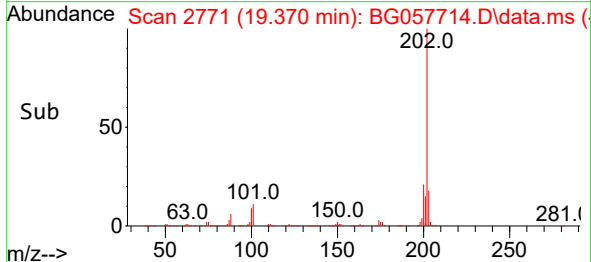
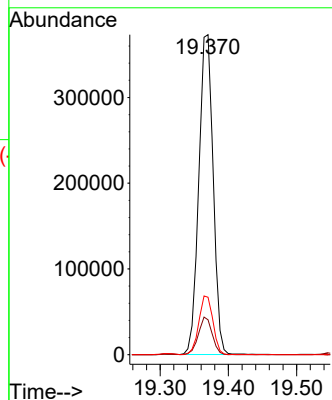
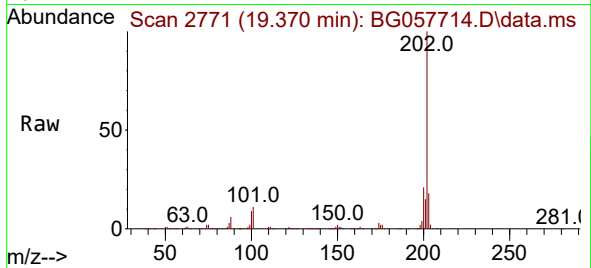




#75
Fluoranthene
Concen: 40.974 ng
RT: 19.370 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

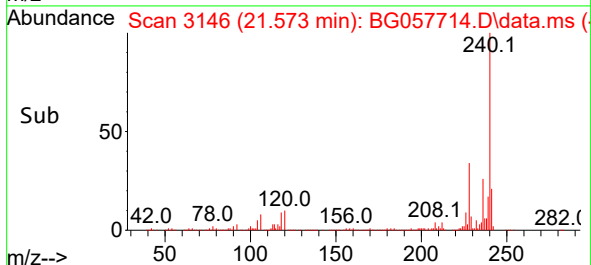
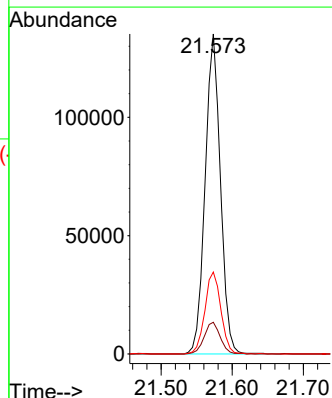
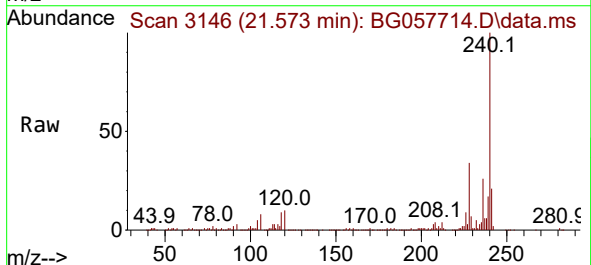
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

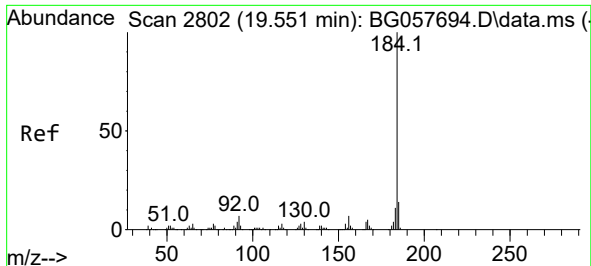
Tgt Ion:202 Resp: 545526
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.1
203 17.9 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.573 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion:240 Resp: 202182
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 25.6 20.7 31.1

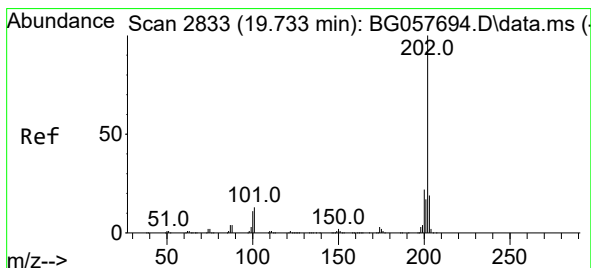
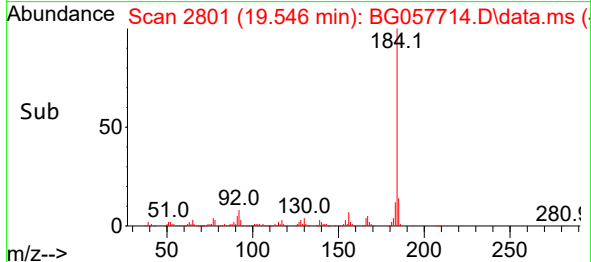
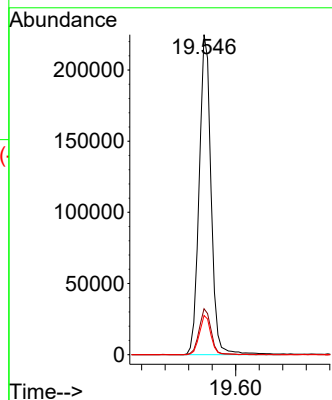
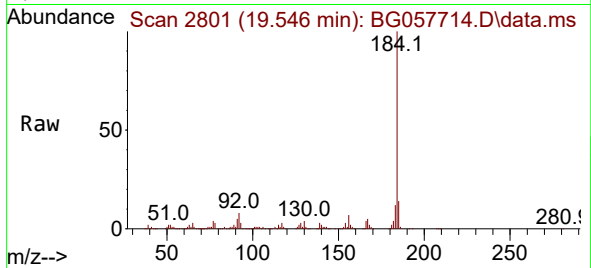




#77
Benzidine
Concen: 65.257 ng
RT: 19.546 min Scan# 2801
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

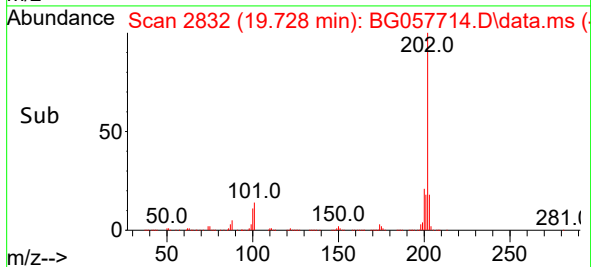
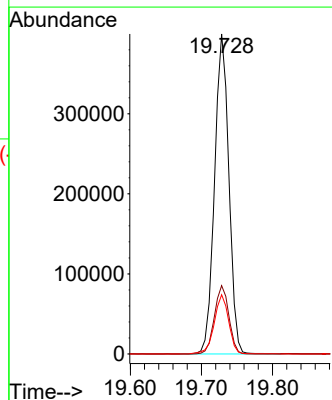
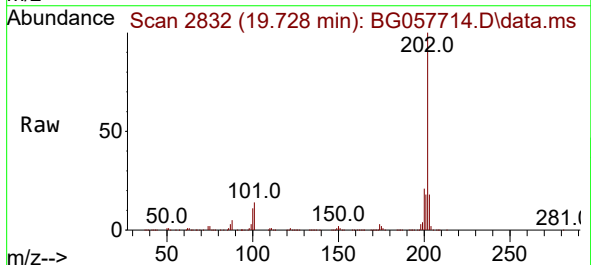
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

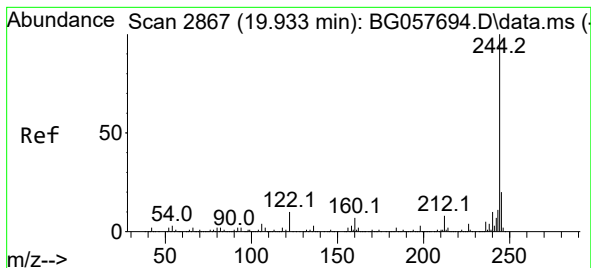
Tgt Ion:184 Resp: 314526
Ion Ratio Lower Upper
184 100
185 14.3 11.1 16.7
183 12.3 8.4 12.6



#78
Pyrene
Concen: 38.740 ng
RT: 19.728 min Scan# 2832
Delta R.T. -0.005 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion:202 Resp: 557286
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.0
203 18.5 14.9 22.3





#79

Terphenyl-d14

Concen: 50.701 ng

RT: 19.928 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

Instrument :

BNA_G

ClientSampleId :

TP-4-GAMSD

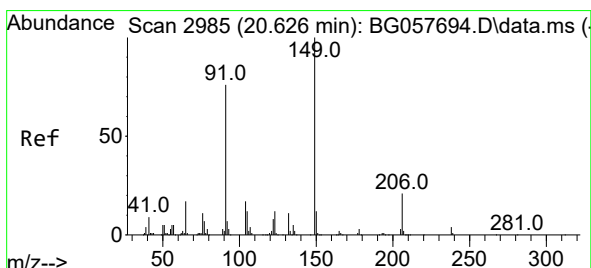
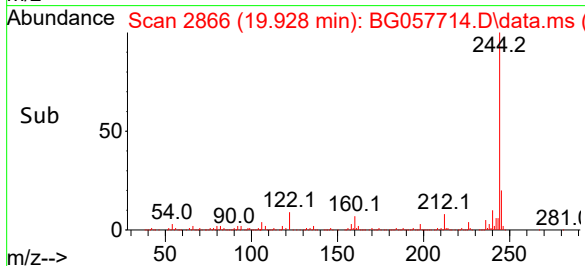
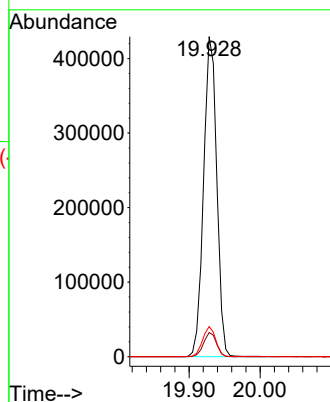
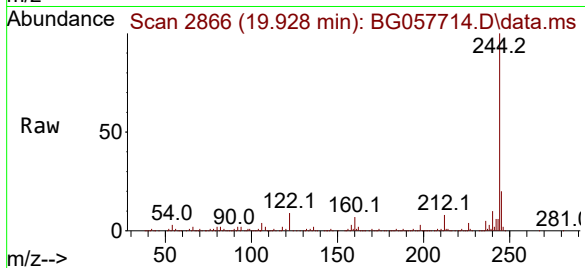
Tgt Ion:244 Resp: 554442

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 9.4 7.7 11.5



#80

Butylbenzylphthalate

Concen: 46.175 ng

RT: 20.622 min Scan# 2984

Delta R.T. -0.004 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

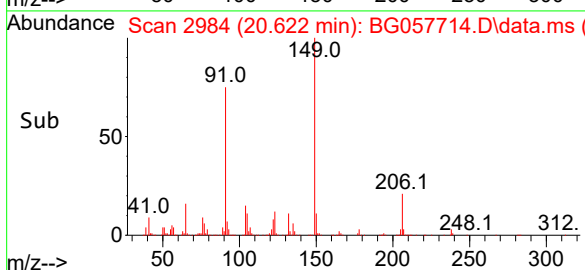
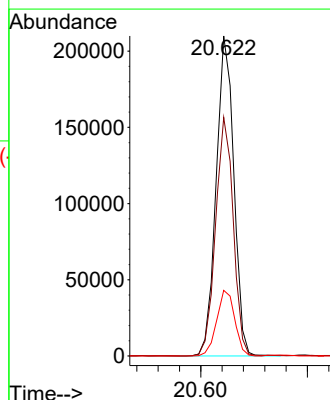
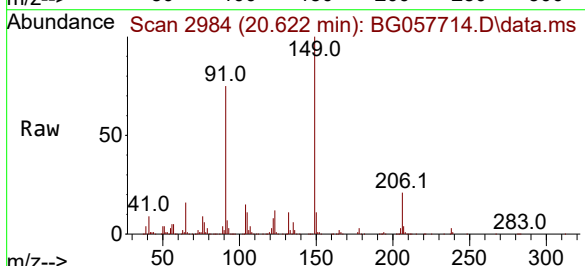
Tgt Ion:149 Resp: 240862

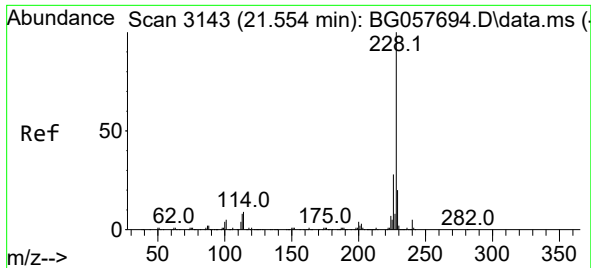
Ion Ratio Lower Upper

149 100

91 74.6 60.8 91.2

206 20.5 16.8 25.2

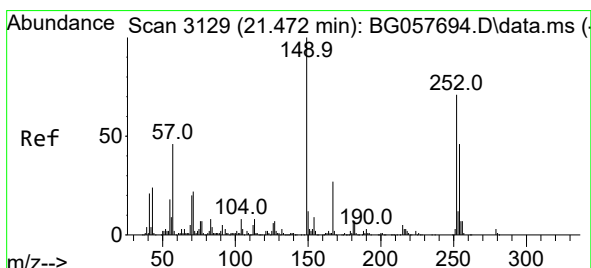
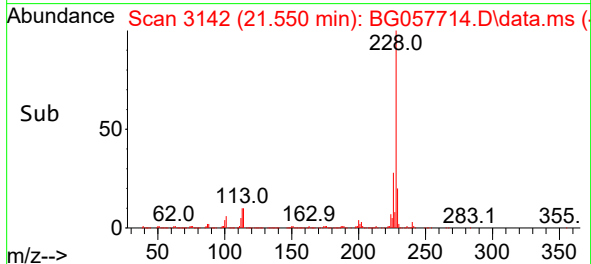
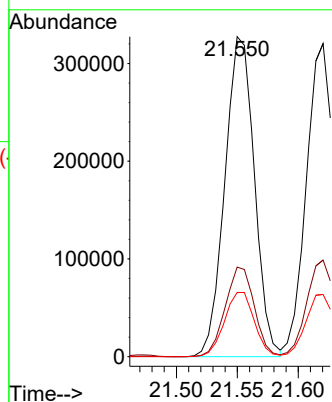
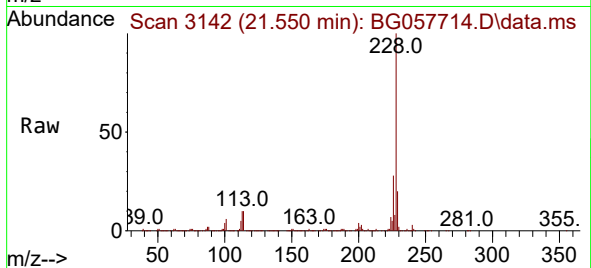




#81
Benzo(a)anthracene
Concen: 39.664 ng
RT: 21.550 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

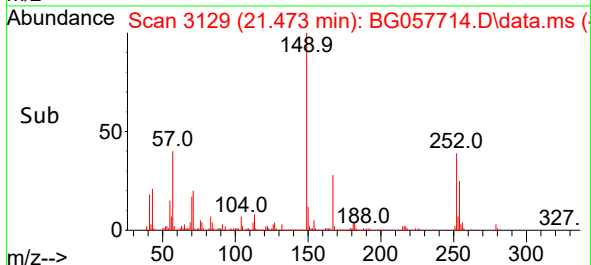
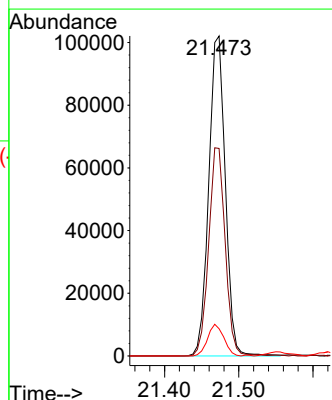
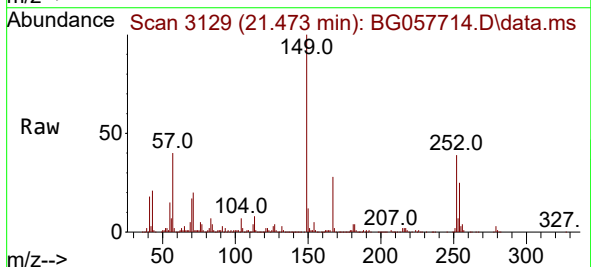
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

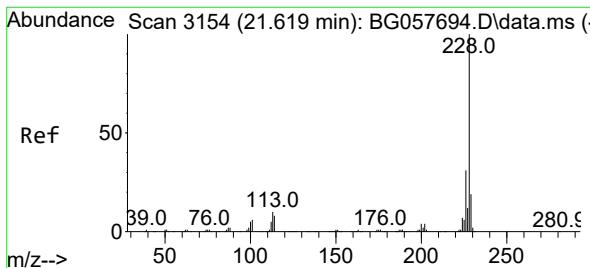
Tgt Ion:228 Resp: 553818
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 20.0 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 34.790 ng
RT: 21.473 min Scan# 3129
Delta R.T. 0.001 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion:252 Resp: 158225
Ion Ratio Lower Upper
252 100
254 64.9 51.9 77.9
126 8.5 7.4 11.0





#83

Chrysene

Concen: 38.604 ng

RT: 21.620 min Scan# 3154

Delta R.T. 0.001 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

Instrument :

BNA_G

ClientSampleId :

TP-4-GAMSD

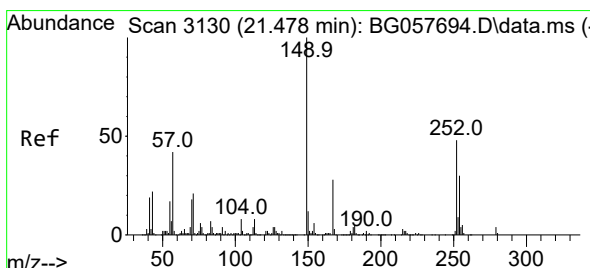
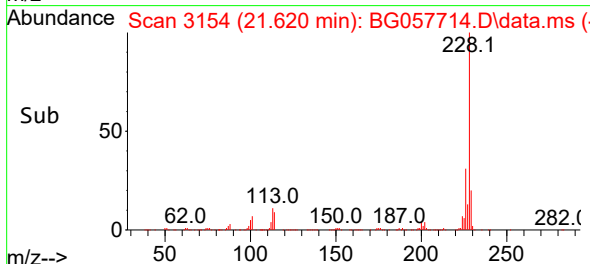
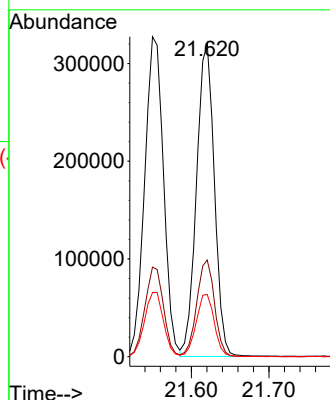
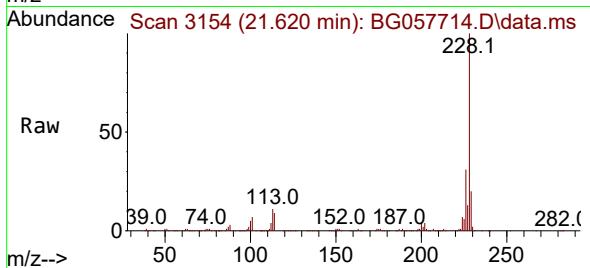
Tgt Ion:228 Resp: 512978

Ion Ratio Lower Upper

228 100

226 30.9 24.6 36.8

229 19.9 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.840 ng

RT: 21.473 min Scan# 3129

Delta R.T. -0.005 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

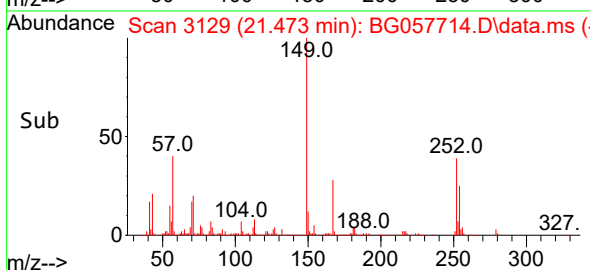
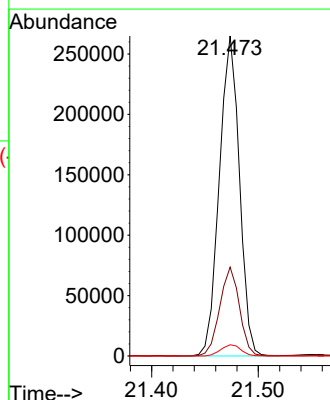
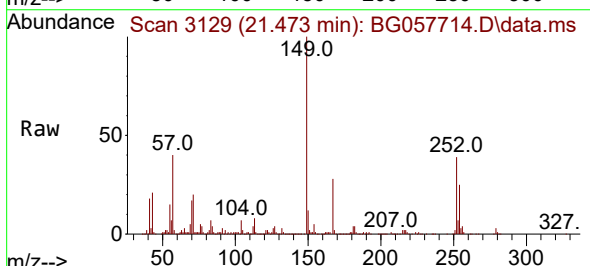
Tgt Ion:149 Resp: 346132

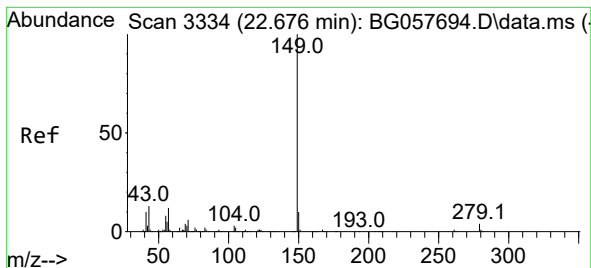
Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

279 3.5 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 51.780 ng

RT: 22.666 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

Instrument :

BNA_G

ClientSampleId :

TP-4-GAMSD

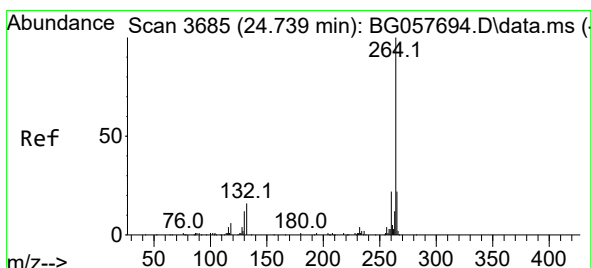
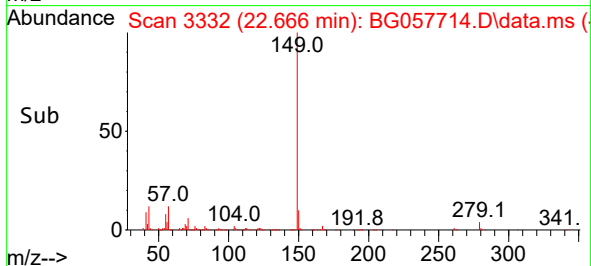
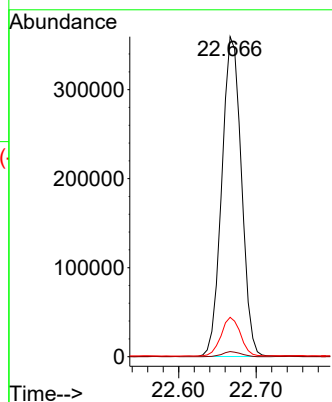
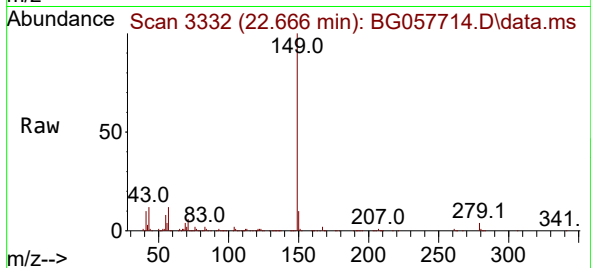
Tgt Ion:149 Resp: 632784

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.9 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.734 min Scan# 3684

Delta R.T. -0.004 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

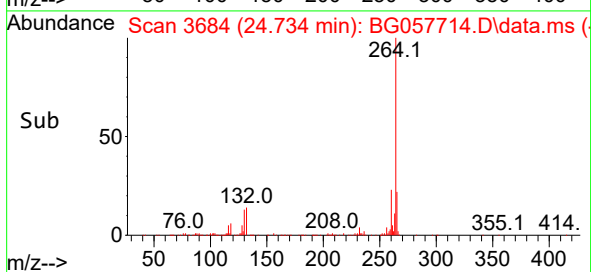
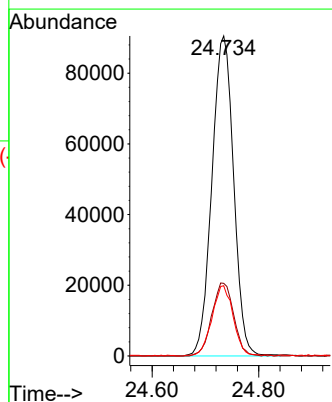
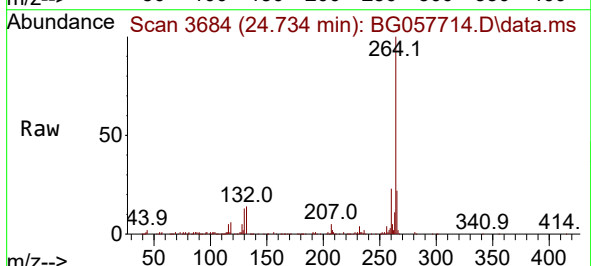
Tgt Ion:264 Resp: 255788

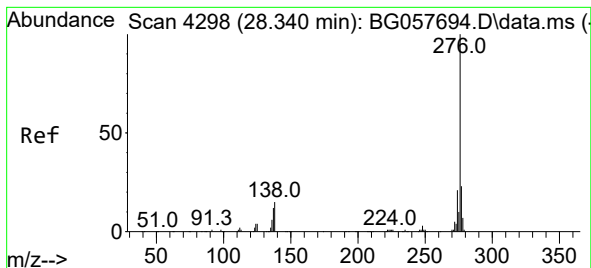
Ion Ratio Lower Upper

264 100

260 22.7 17.3 25.9

265 22.0 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.049 ng

RT: 28.342 min Scan# 41

Delta R.T. 0.001 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

Instrument :

BNA_G

ClientSampleId :

TP-4-GAMSD

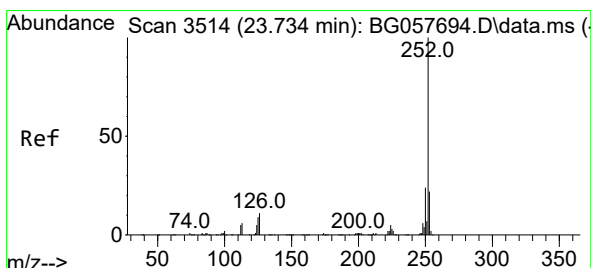
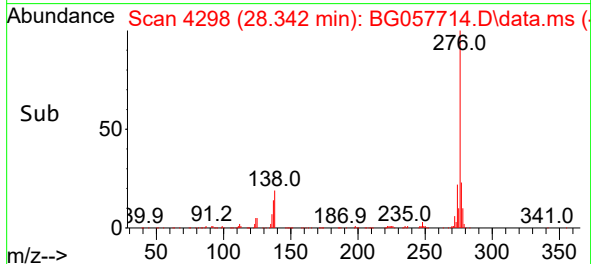
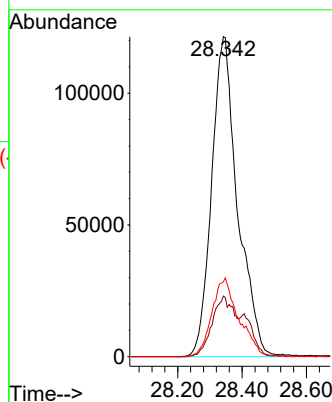
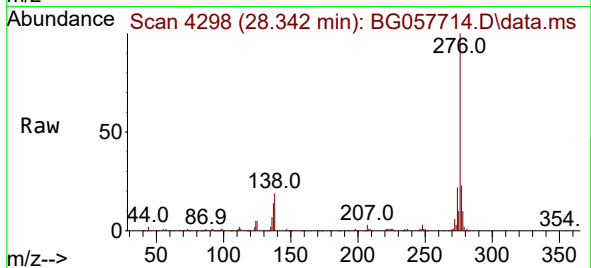
Tgt Ion:276 Resp: 679376

Ion Ratio Lower Upper

276 100

138 16.3 11.9 17.9

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.273 ng

RT: 23.730 min Scan# 3513

Delta R.T. -0.004 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

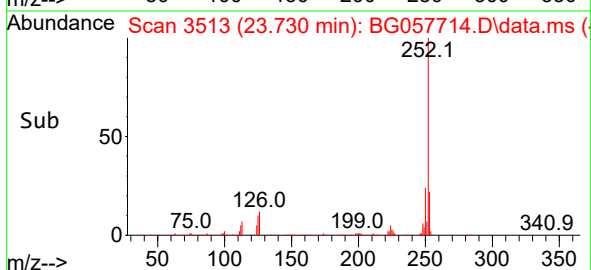
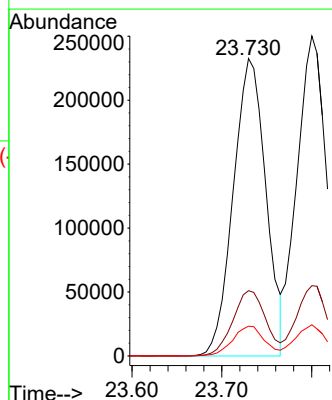
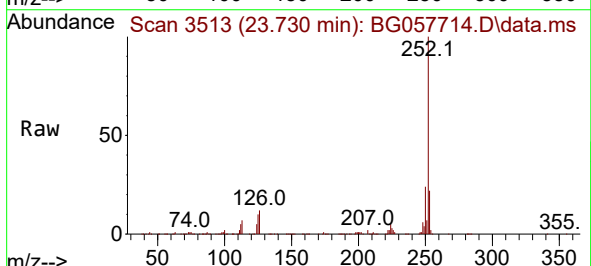
Tgt Ion:252 Resp: 586598

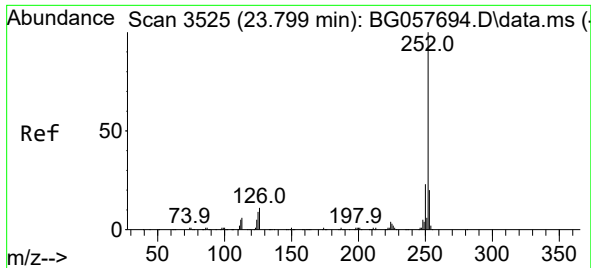
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 10.0 7.1 10.7

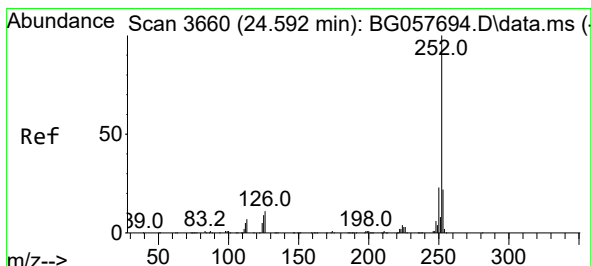
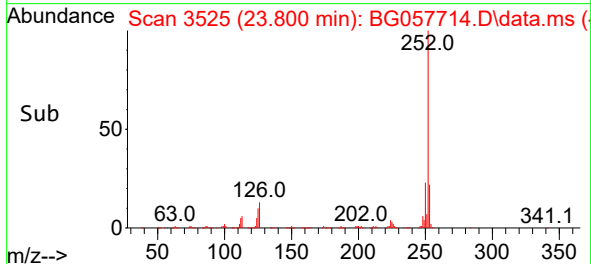
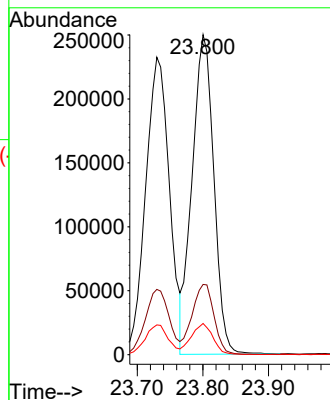
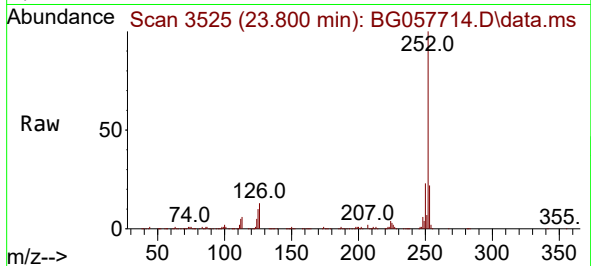




#89
Benzo(k)fluoranthene
Concen: 39.884 ng
RT: 23.800 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

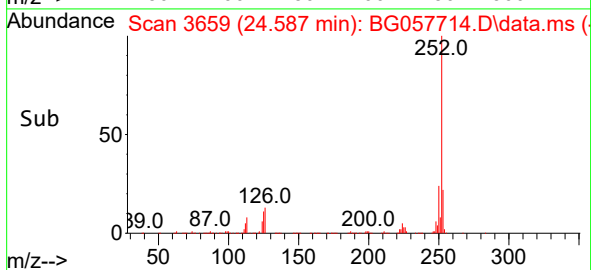
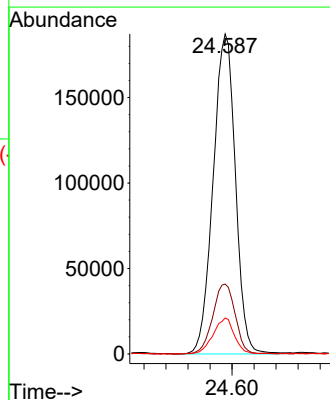
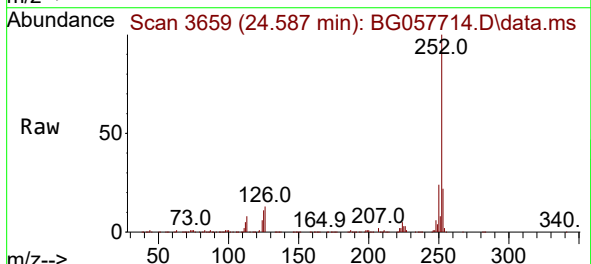
Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

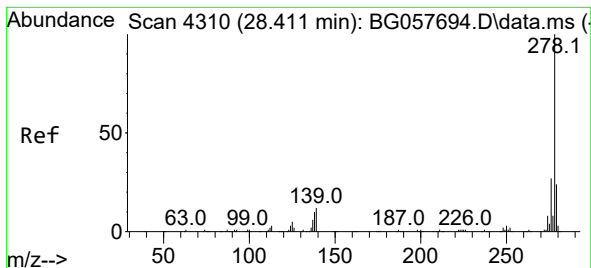
Tgt Ion:252 Resp: 574000
Ion Ratio Lower Upper
252 100
253 21.9 16.6 25.0
125 9.8 7.3 10.9



#90
Benzo(a)pyrene
Concen: 38.524 ng
RT: 24.587 min Scan# 3659
Delta R.T. -0.004 min
Lab File: BG057714.D
Acq: 14 Jun 2023 19:24

Tgt Ion:252 Resp: 525604
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 11.3 7.4 11.2#





#91

Dibenzo(a,h)anthracene

Concen: 40.859 ng

RT: 28.407 min Scan# 4310

Delta R.T. -0.004 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

Instrument :

BNA_G

ClientSampleId :

TP-4-GAMSD

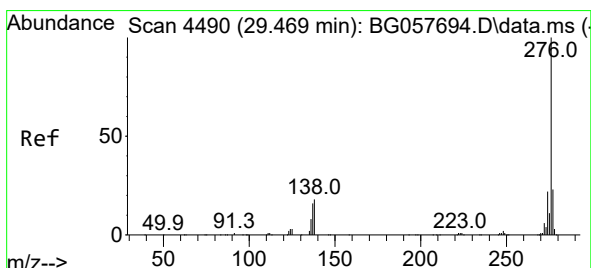
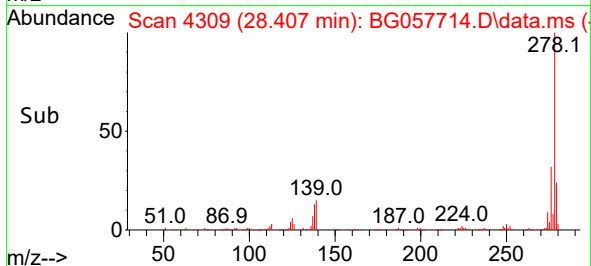
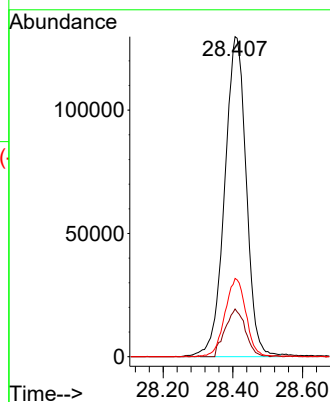
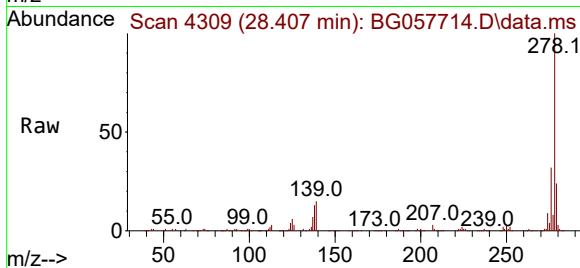
Tgt Ion:278 Resp: 558826

Ion Ratio Lower Upper

278 100

139 14.9 10.0 15.0

279 24.4 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 41.264 ng

RT: 29.470 min Scan# 4490

Delta R.T. 0.001 min

Lab File: BG057714.D

Acq: 14 Jun 2023 19:24

Tgt Ion:276 Resp: 563294

Ion Ratio Lower Upper

276 100

277 23.8 18.1 27.1

138 19.2 14.6 21.8

