

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
 Data File : BG057475.D
 Acq On : 19 May 2023 20:14
 Operator : CG/JU
 Sample : 02848-10MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP5MS

Quant Time: May 20 04:29:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.354	152	16479	20.000	ng	0.00
21) Naphthalene-d8	11.191	136	64580	20.000	ng	0.00
39) Acenaphthene-d10	14.968	164	49805	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	127307	20.000	ng	0.00
76) Chrysene-d12	22.018	240	116820	20.000	ng	0.00
86) Perylene-d12	25.507	264	127382	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	82342	85.476	ng	0.00
7) Phenol-d6	7.496	99	121312	82.927	ng	0.00
23) Nitrobenzene-d5	9.534	82	74849	48.645	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	60713	85.913	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	188709	51.030	ng	0.00
79) Terphenyl-d14	20.279	244	332835	46.495	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.666	88	17071	42.858	ng	98
3) Pyridine	4.089	79	43916	34.308	ng	98
4) n-Nitrosodimethylamine	4.001	42	26783	44.523	ng	# 97
6) Aniline	7.666	93	58567	31.559	ng	96
8) 2-Chlorophenol	7.913	128	53717	52.771	ng	97
9) Benzaldehyde	7.478	77	39175	52.715	ng	94
10) Phenol	7.525	94	73621	51.626	ng	98
11) bis(2-Chloroethyl)ether	7.755	93	47859	44.507	ng	98
12) 1,3-Dichlorobenzene	8.242	146	57675	51.336	ng	98
13) 1,4-Dichlorobenzene	8.389	146	58459	51.802	ng	98
14) 1,2-Dichlorobenzene	8.718	146	55875	51.288	ng	97
15) Benzyl Alcohol	8.589	79	58274	47.817	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.877	45	56387	41.604	ng	98
17) 2-Methylphenol	8.794	107	49428	48.084	ng	97
18) Hexachloroethane	9.452	117	20739	50.924	ng	94
19) n-Nitroso-di-n-propyla...	9.159	70	45481	40.773	ng	97
20) 3+4-Methylphenols	9.123	107	69592	49.441	ng	95
22) Acetophenone	9.182	105	85571	46.295	ng	95
24) Nitrobenzene	9.576	77	67860	43.695	ng	96
25) Isophorone	10.098	82	123708	41.462	ng	97
26) 2-Nitrophenol	10.298	139	30859	51.911	ng	93
27) 2,4-Dimethylphenol	10.339	122	56127	53.921	ng	98
28) bis(2-Chloroethoxy)met...	10.568	93	66356	44.393	ng	97
29) 2,4-Dichlorophenol	10.833	162	59094	53.526	ng	93
30) 1,2,4-Trichlorobenzene	11.050	180	61709	48.460	ng	98
31) Naphthalene	11.244	128	162036	46.933	ng	99
32) Benzoic acid	10.492	122	32421	53.422	ng	91
33) 4-Chloroaniline	11.344	127	41206	26.576	ng	96
34) Hexachlorobutadiene	11.514	225	44802	47.416	ng	96
35) Caprolactam	12.119	113	12815	33.981	ng	95
36) 4-Chloro-3-methylphenol	12.442	107	65746	52.403	ng	97
37) 2-Methylnaphthalene	12.824	142	125133	46.098	ng	95
38) 1-Methylnaphthalene	13.036	142	117151	45.787	ng	99
40) 1,2,4,5-Tetrachloroben...	13.182	216	88521	50.065	ng	99
41) Hexachlorocyclopentadiene	13.153	237	67244	79.191	ng	98
43) 2,4,6-Trichlorophenol	13.417	196	58019	53.861	ng	99

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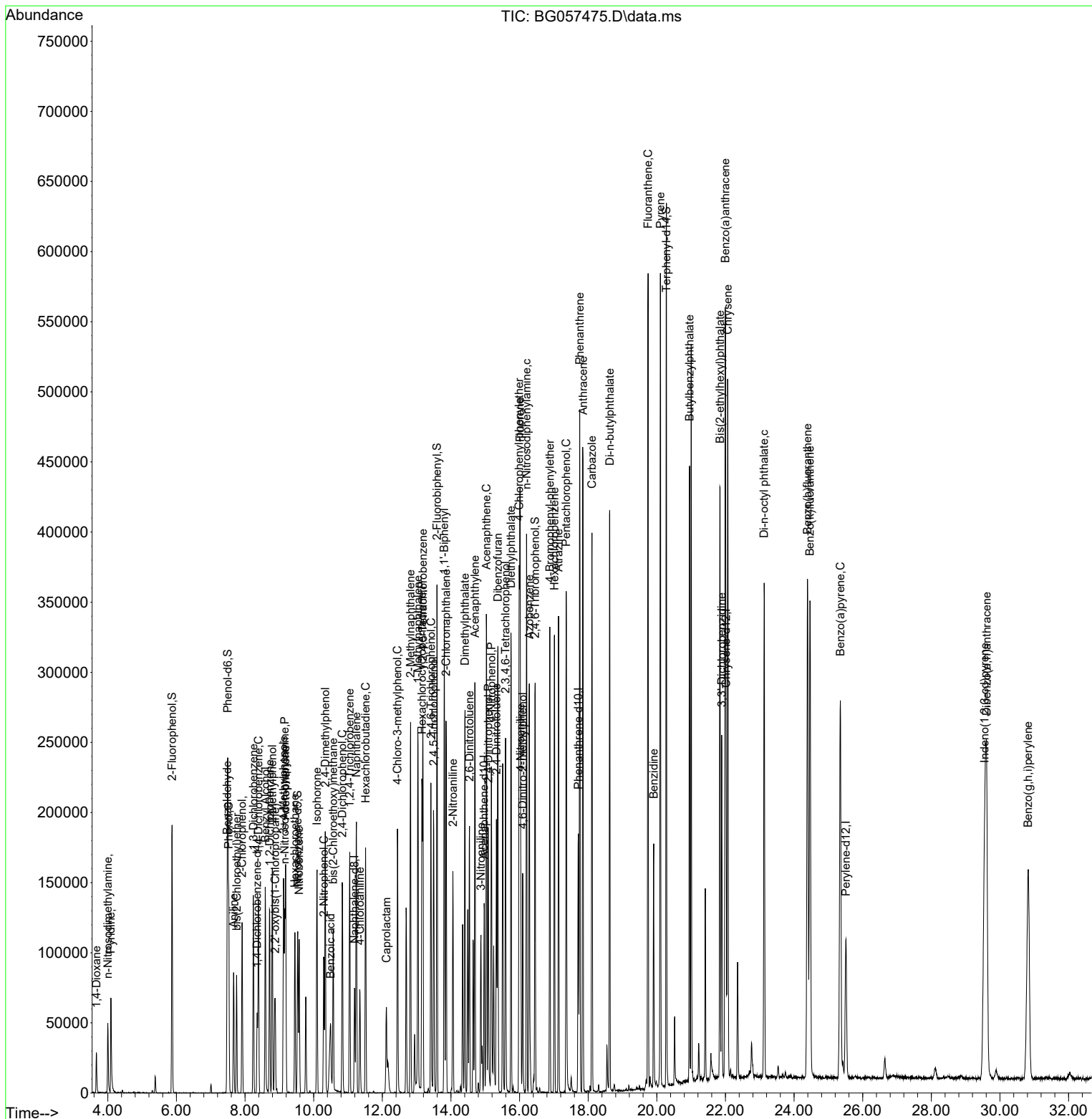
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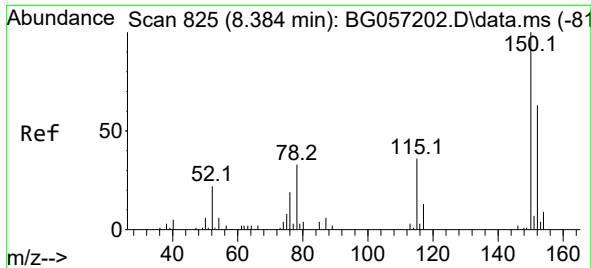
Quant Time: May 20 04:29:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.494	196	62876	49.622	ng	96
46) 1,1'-Biphenyl	13.805	154	181559	49.127	ng	97
47) 2-Chloronaphthalene	13.858	162	138300	50.323	ng	98
48) 2-Nitroaniline	14.058	65	45310	48.489	ng	96
49) Acenaphthylene	14.698	152	216905	48.581	ng	100
50) Dimethylphthalate	14.410	163	184403	45.056	ng	99
51) 2,6-Dinitrotoluene	14.539	165	40806	48.832	ng	90
52) Acenaphthene	15.033	154	133612	47.890	ng	99
53) 3-Nitroaniline	14.874	138	28713	34.298	ng	90
54) 2,4-Dinitrophenol	15.086	184	49691	95.037	ng	96
55) Dibenzofuran	15.368	168	222175	47.396	ng	98
56) 4-Nitrophenol	15.180	139	59984	107.732	ng	93
57) 2,4-Dinitrotoluene	15.327	165	58732	49.178	ng	# 92
58) Fluorene	16.014	166	185015	47.916	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.591	232	60217	52.418	ng	# 100
60) Diethylphthalate	15.750	149	186939	44.977	ng	98
61) 4-Chlorophenyl-phenyle...	15.990	204	109017	46.867	ng	97
62) 4-Nitroaniline	16.032	138	40549	48.013	ng	98
63) Azobenzene	16.284	77	180644	45.045	ng	96
65) 4,6-Dinitro-2-methylph...	16.090	198	41197	54.202	ng	97
66) n-Nitrosodiphenylamine	16.202	169	163606	47.317	ng	99
67) 4-Bromophenyl-phenylether	16.883	248	73934	47.574	ng	96
68) Hexachlorobenzene	17.018	284	78433	51.934	ng	94
69) Atrazine	17.136	200	74319	56.346	ng	98
70) Pentachlorophenol	17.359	266	79221	91.020	ng	97
71) Phenanthrene	17.753	178	312860	47.959	ng	100
72) Anthracene	17.847	178	316203	47.240	ng	98
73) Carbazole	18.111	167	277889	49.314	ng	98
74) Di-n-butylphthalate	18.628	149	307942	47.496	ng	98
75) Fluoranthene	19.744	202	379193	46.736	ng	99
77) Benzidine	19.909	184	110372	42.261	ng	99
78) Pyrene	20.103	202	386556	45.537	ng	100
80) Butylbenzylphthalate	20.954	149	135973	50.483	ng	93
81) Benzo(a)anthracene	21.994	228	392660	47.178	ng	99
82) 3,3'-Dichlorobenzidine	21.894	252	100999	37.885	ng	98
83) Chrysene	22.065	228	356376	45.508	ng	99
84) Bis(2-ethylhexyl)phtha...	21.841	149	195289	49.005	ng	100
85) Di-n-octyl phthalate	23.128	149	331888	49.955	ng	97
87) Indeno(1,2,3-cd)pyrene	29.554	276	444283	47.856	ng	99
88) Benzo(b)fluoranthene	24.391	252	398032	47.801	ng	99
89) Benzo(k)fluoranthene	24.461	252	391080	46.218	ng	100
90) Benzo(a)pyrene	25.348	252	352800	43.368	ng	98
91) Dibenzo(a,h)anthracene	29.613	278	371763	48.084	ng	98
92) Benzo(g,h,i)perylene	30.817	276	356326	47.201	ng	100

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

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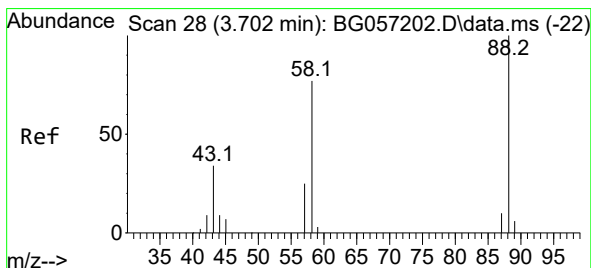
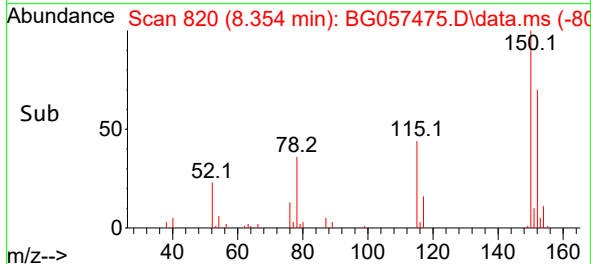
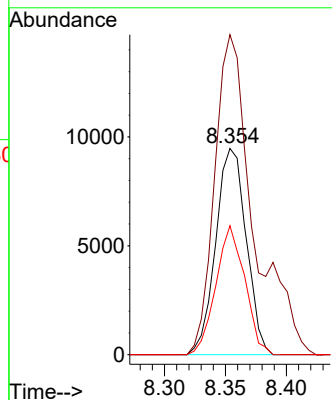
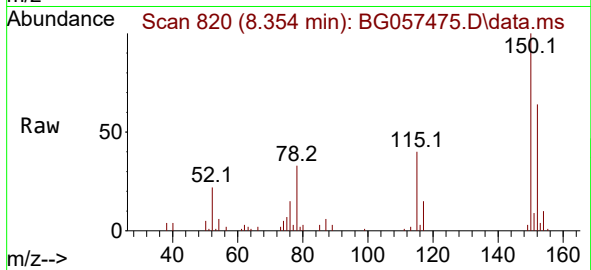




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.354 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

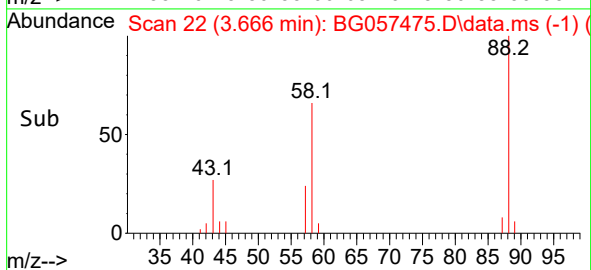
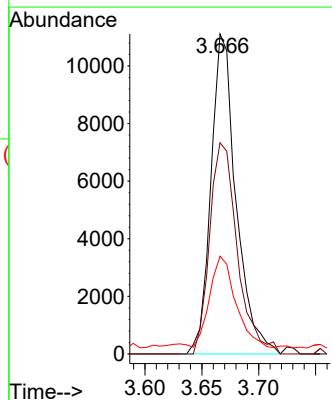
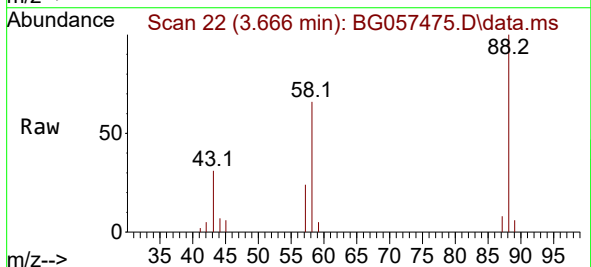
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Tgt Ion:152 Resp: 16479
Ion Ratio Lower Upper
152 100
150 155.2 126.2 189.4
115 62.5 45.0 67.4



#2
1,4-Dioxane
Concen: 42.858 ng
RT: 3.666 min Scan# 22
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion: 88 Resp: 17071
Ion Ratio Lower Upper
88 100
58 72.5 57.1 85.7
43 29.5 24.4 36.6

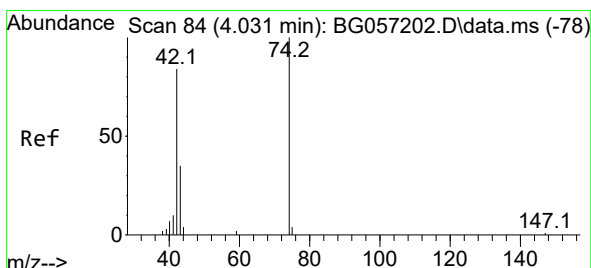
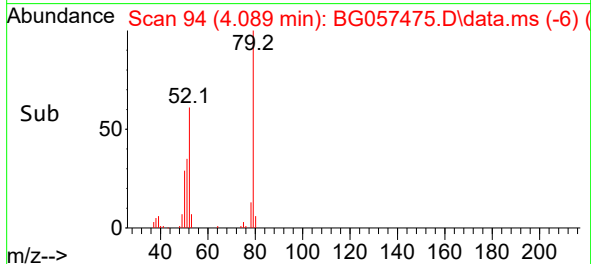
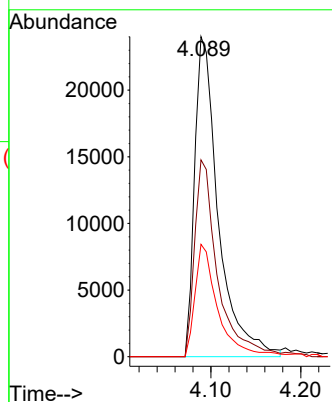
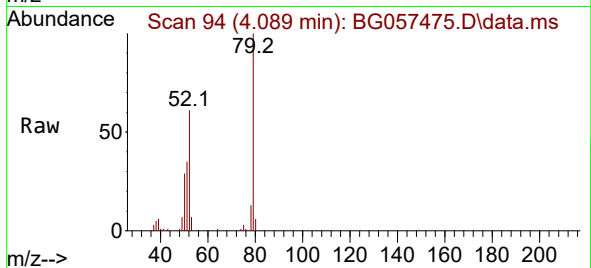




#3
Pyridine
Concen: 34.308 ng
RT: 4.089 min Scan# 94
Delta R.T. -0.014 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

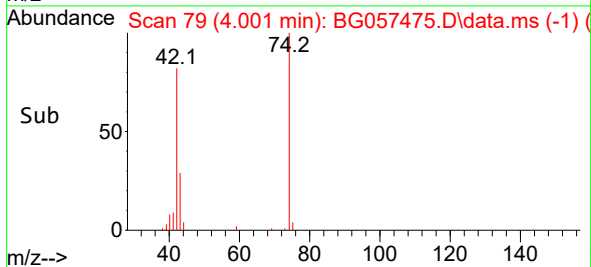
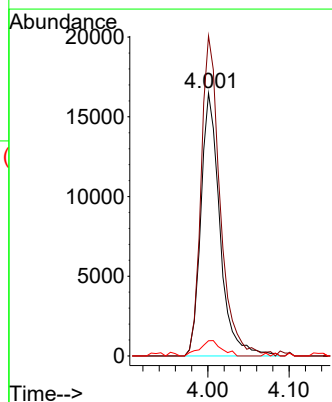
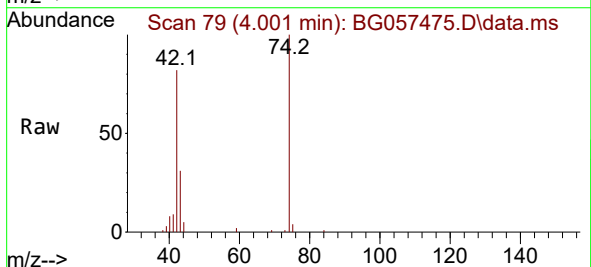
Instrument :
BNA_G
ClientSampleId :
TP5MS

Tgt Ion: 79 Resp: 43916
Ion Ratio Lower Upper
79 100
52 61.5 51.4 77.0
51 35.1 28.0 42.0



#4
n-Nitrosodimethylamine
Concen: 44.523 ng
RT: 4.001 min Scan# 79
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion: 42 Resp: 26783
Ion Ratio Lower Upper
42 100
74 121.8 95.1 142.7
44 5.8 5.8 8.8

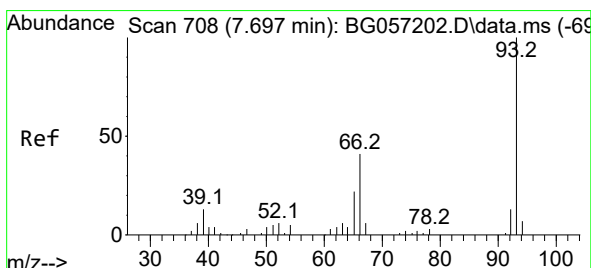
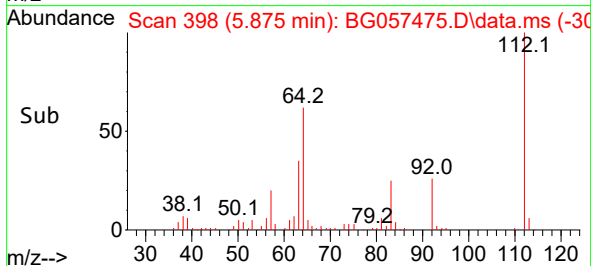
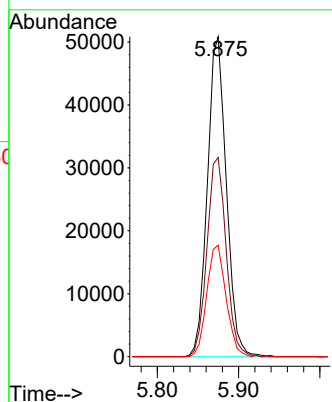
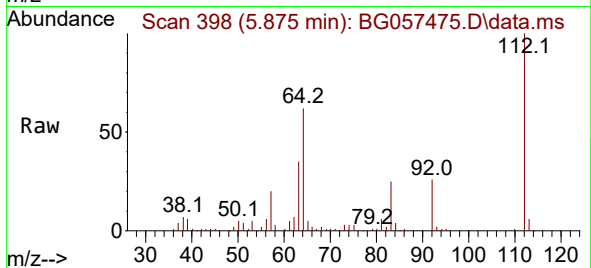




#5
2-Fluorophenol
Concen: 85.476 ng
RT: 5.875 min Scan# 398
Delta R.T. 0.004 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

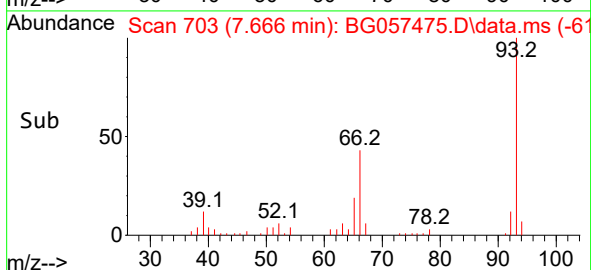
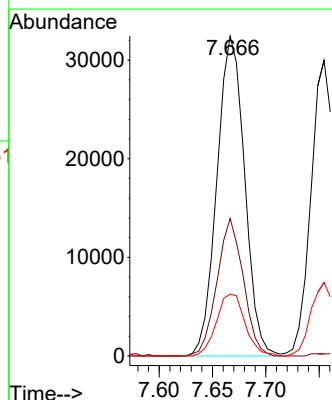
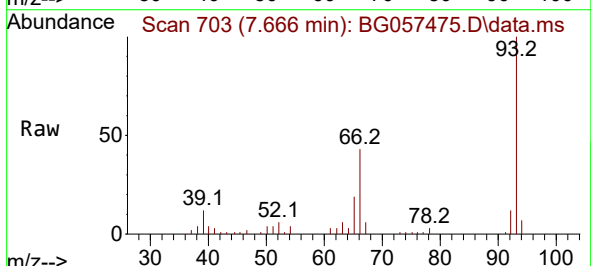
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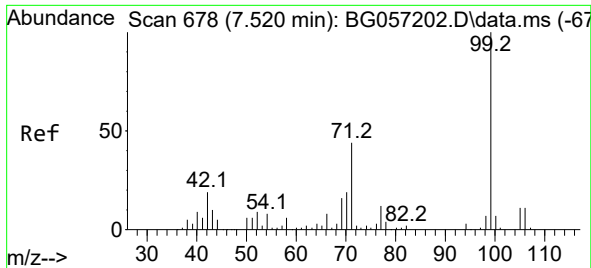
Tgt Ion:112 Resp: 82342
Ion Ratio Lower Upper
112 100
64 62.2 49.4 74.2
63 34.8 31.6 47.4



#6
Aniline
Concen: 31.559 ng
RT: 7.666 min Scan# 703
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion: 93 Resp: 58567
Ion Ratio Lower Upper
93 100
66 43.0 33.0 49.6
65 19.3 18.0 27.0

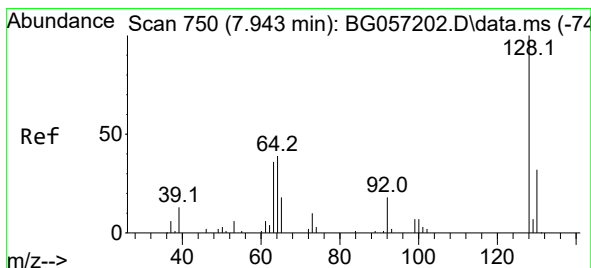
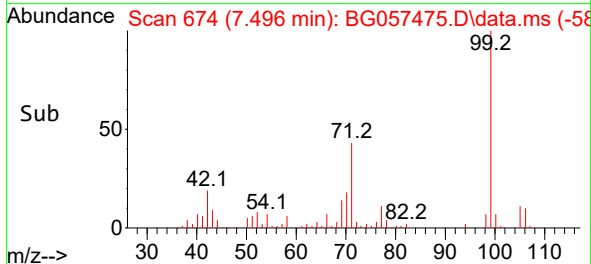
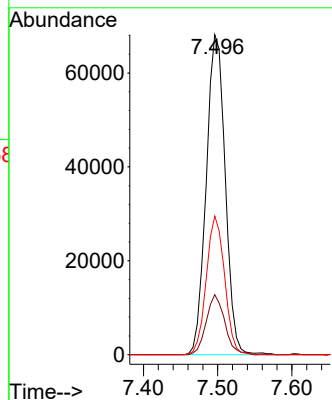
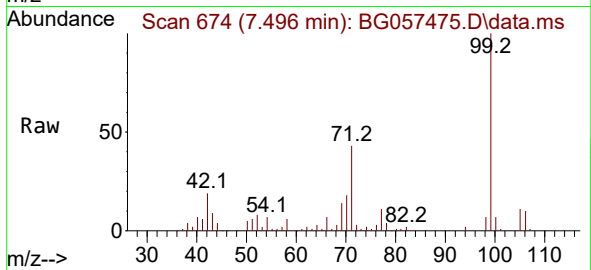




#7
Phenol-d6
Concen: 82.927 ng
RT: 7.496 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

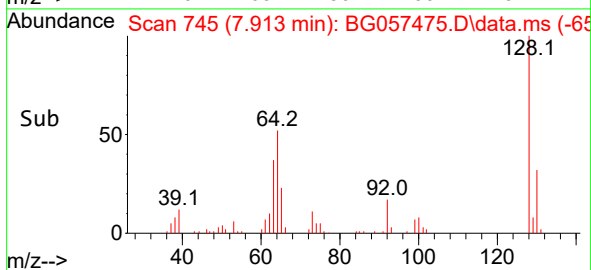
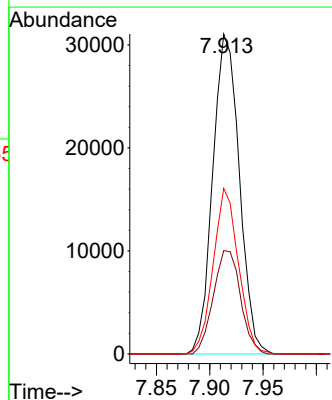
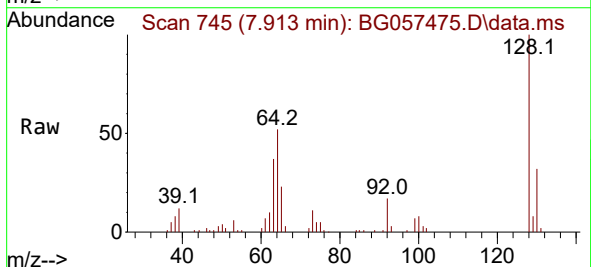
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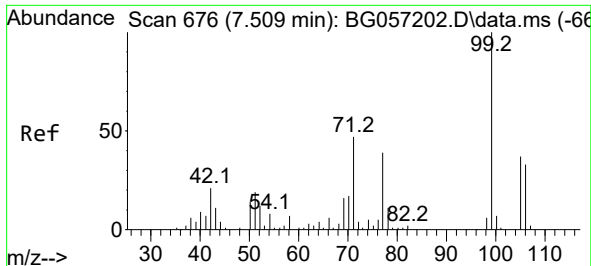
Tgt Ion: 99 Resp: 121312
Ion Ratio Lower Upper
99 100
42 18.8 15.1 22.7
71 43.4 35.2 52.8



#8
2-Chlorophenol
Concen: 52.771 ng
RT: 7.913 min Scan# 745
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion: 128 Resp: 53717
Ion Ratio Lower Upper
128 100
130 32.3 12.2 52.2
64 51.7 28.4 68.4

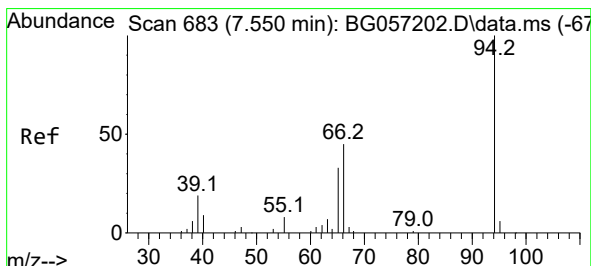
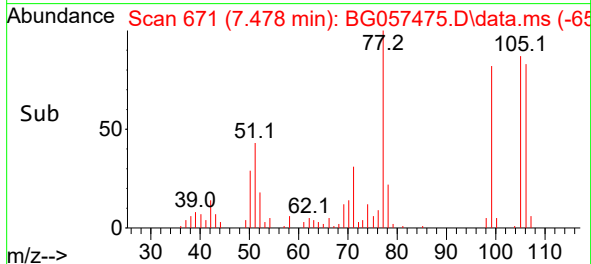
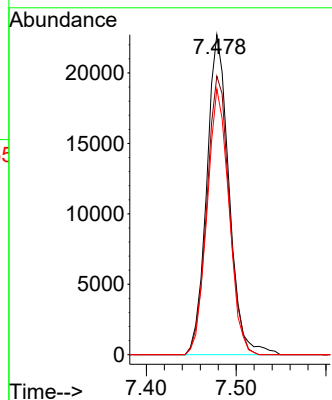
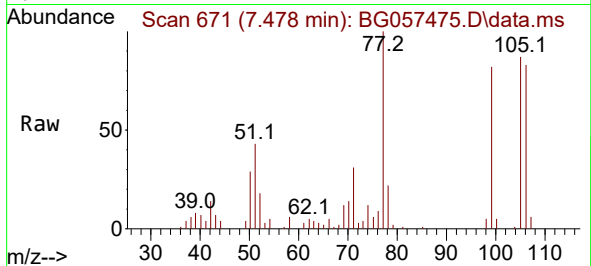




#9
Benzaldehyde
Concen: 52.715 ng
RT: 7.478 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

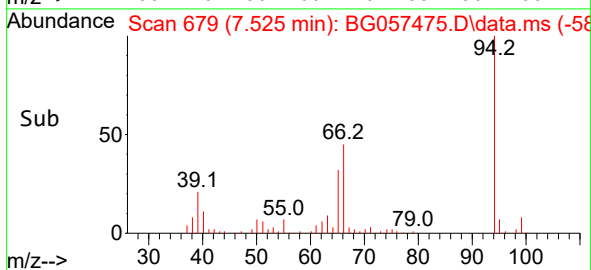
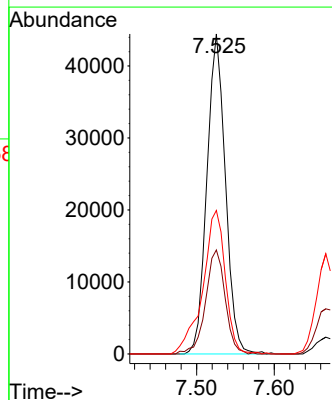
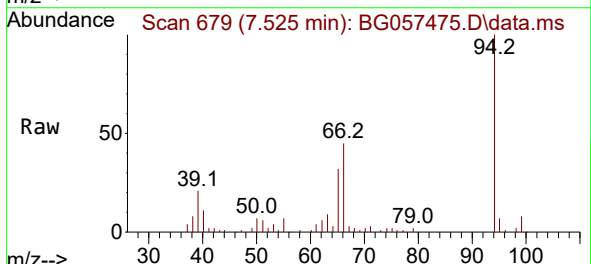
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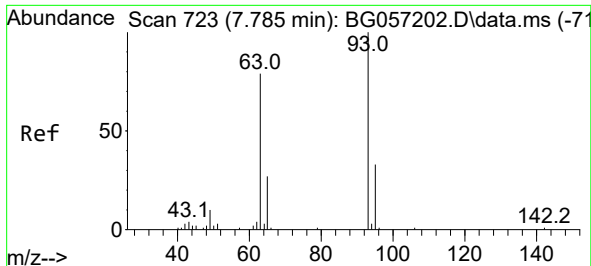
Tgt Ion: 77 Resp: 39175
Ion Ratio Lower Upper
77 100
105 87.0 74.6 114.6
106 83.0 66.3 106.3



#10
Phenol
Concen: 51.626 ng
RT: 7.525 min Scan# 679
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion: 94 Resp: 73621
Ion Ratio Lower Upper
94 100
65 32.5 13.5 53.5
66 44.9 26.7 66.7

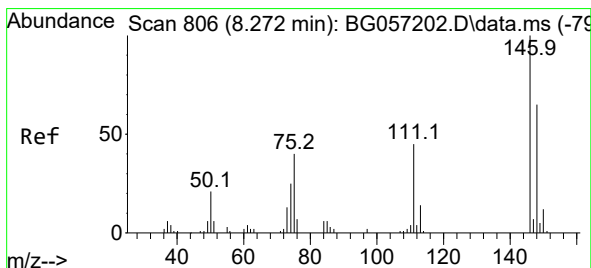
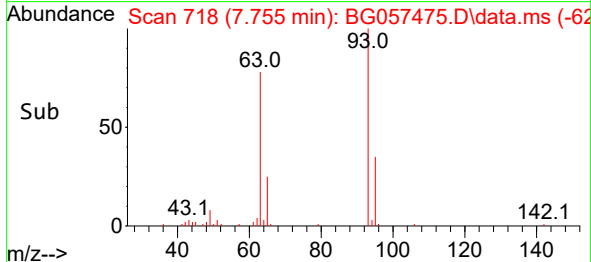
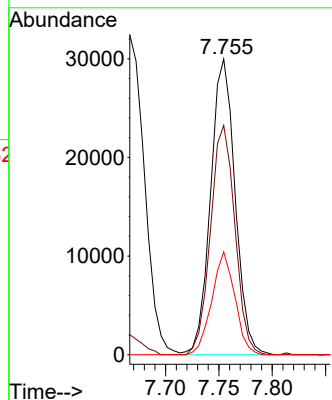
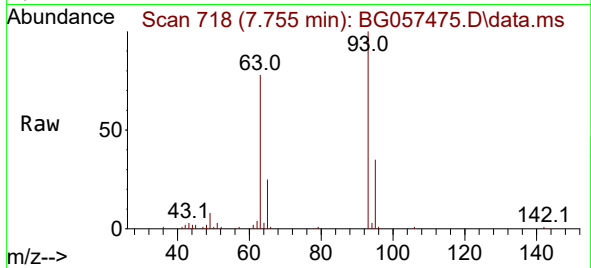




#11
bis(2-Chloroethyl)ether
Concen: 44.507 ng
RT: 7.755 min Scan# 718
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

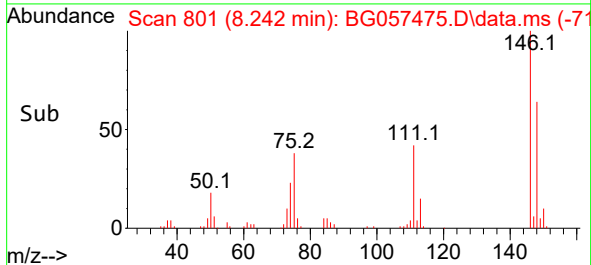
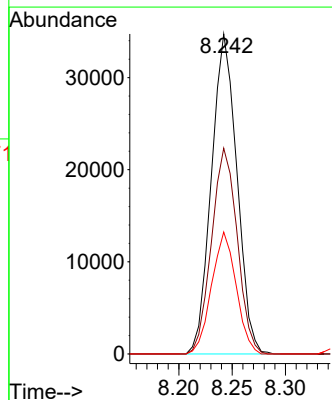
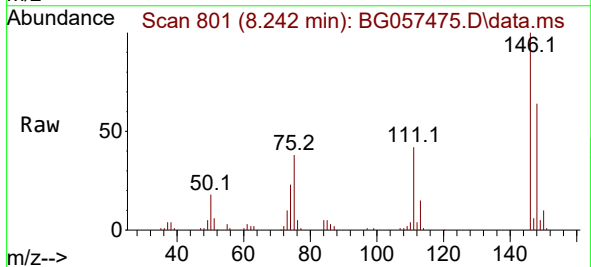
Instrument :
BNA_G
ClientSampleId :
TP5MS

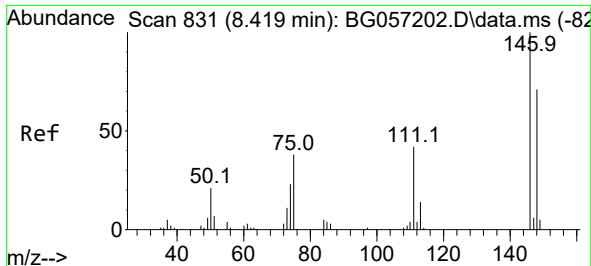
Tgt Ion: 93 Resp: 47859
Ion Ratio Lower Upper
93 100
63 77.6 58.6 98.6
95 34.7 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 51.336 ng
RT: 8.242 min Scan# 801
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion: 146 Resp: 57675
Ion Ratio Lower Upper
146 100
148 64.3 52.2 78.2
75 38.1 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 51.802 ng

RT: 8.389 min Scan# 81

Delta R.T. -0.008 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

TP5MS

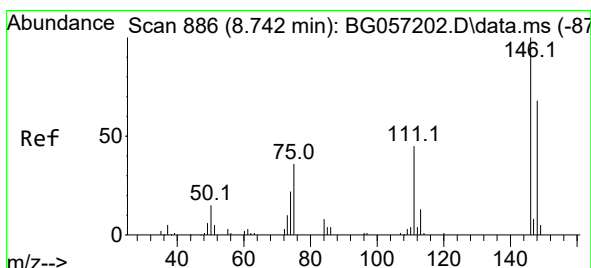
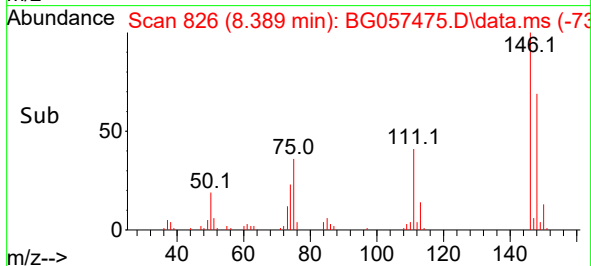
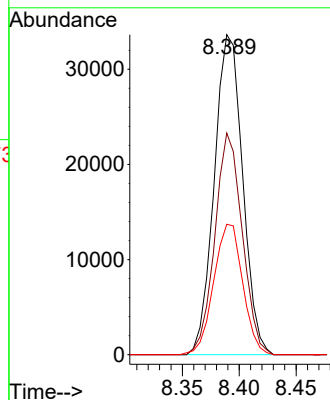
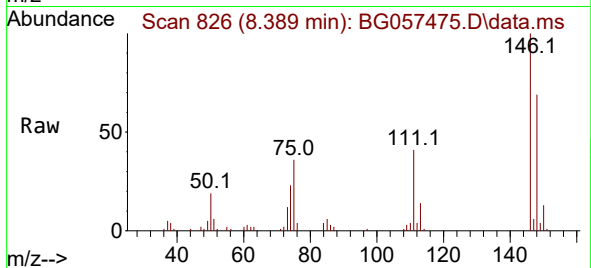
Tgt Ion:146 Resp: 58459

Ion Ratio Lower Upper

146 100

148 69.3 56.4 84.6

111 40.8 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 51.288 ng

RT: 8.718 min Scan# 882

Delta R.T. -0.002 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

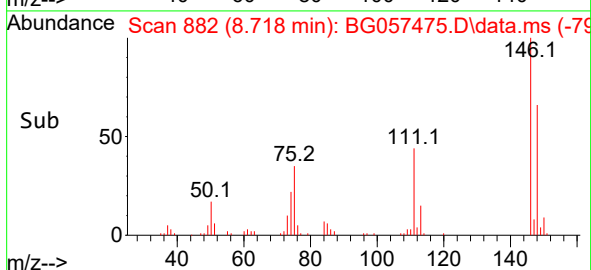
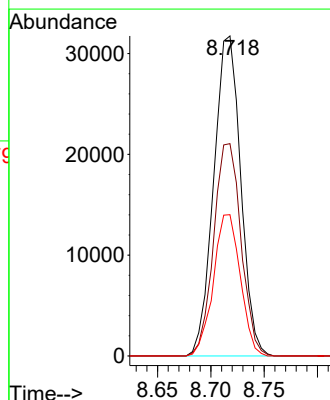
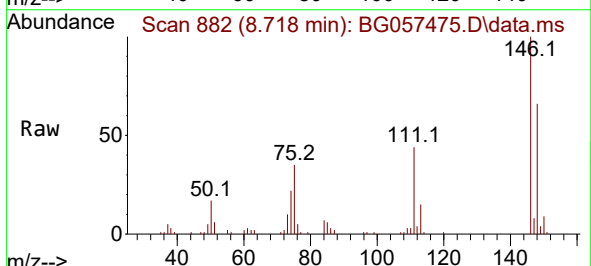
Tgt Ion:146 Resp: 55875

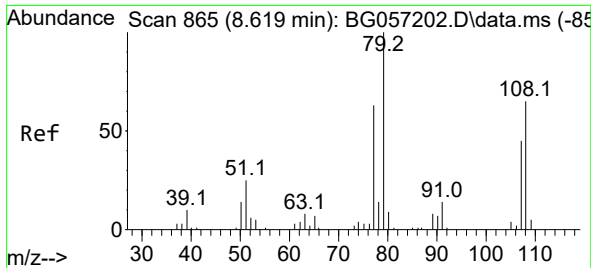
Ion Ratio Lower Upper

146 100

148 66.4 54.6 82.0

111 44.1 37.2 55.8

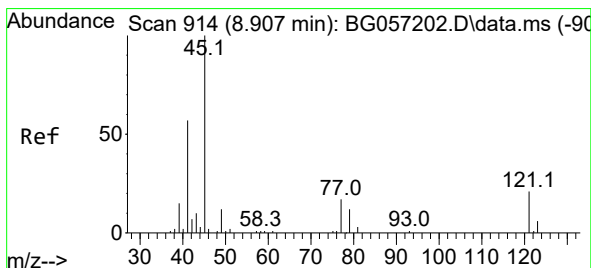
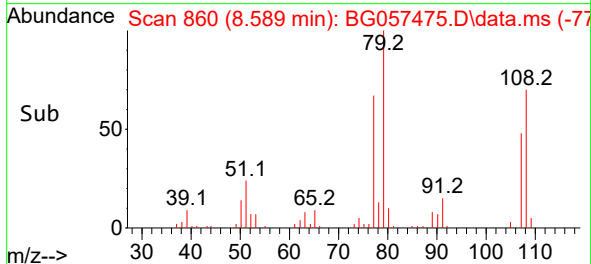
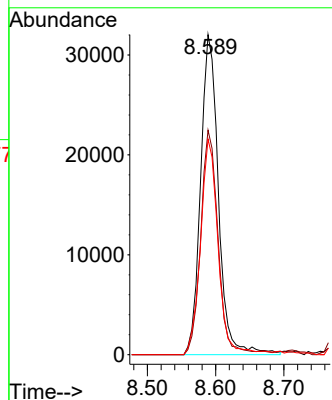
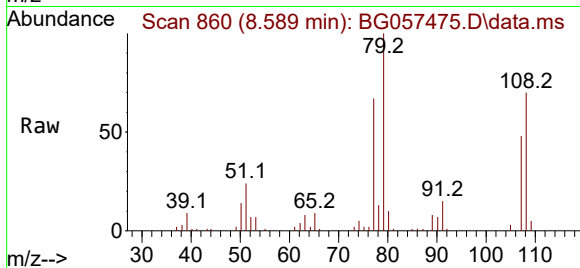




#15
Benzyl Alcohol
Concen: 47.817 ng
RT: 8.589 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

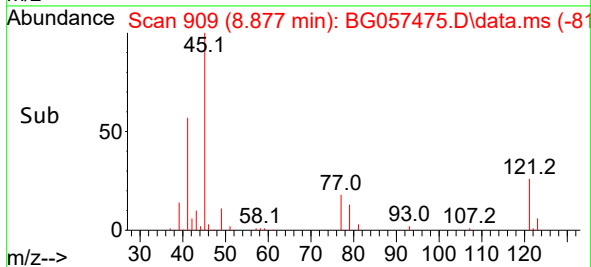
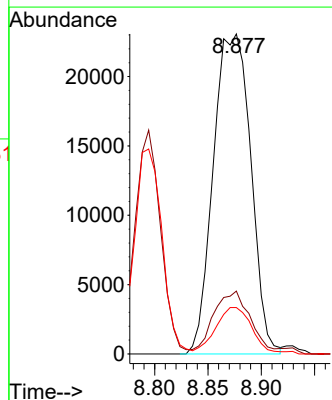
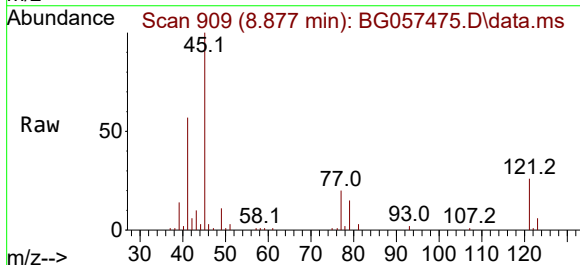
Instrument :
BNA_G
ClientSampleId :
TP5MS

Tgt Ion: 79 Resp: 58274
Ion Ratio Lower Upper
79 100
108 70.2 52.2 78.2
77 67.3 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.604 ng
RT: 8.877 min Scan# 909
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion: 45 Resp: 56387
Ion Ratio Lower Upper
45 100
77 19.7 0.0 38.5
79 14.5 0.0 33.8

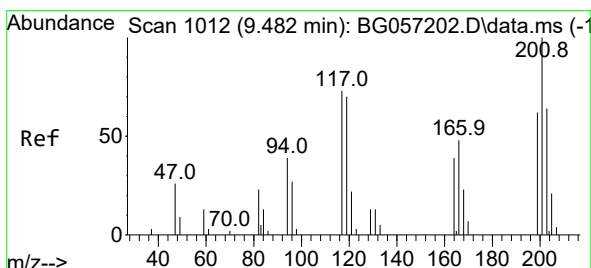
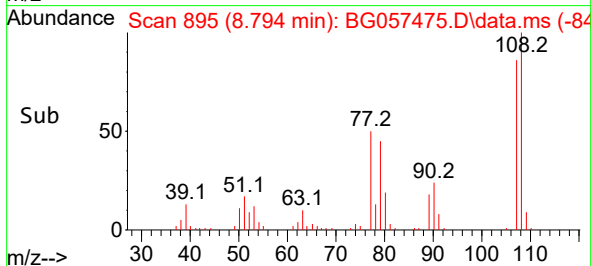
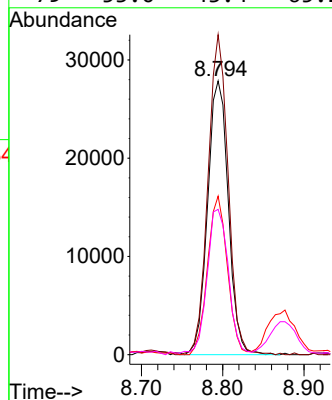
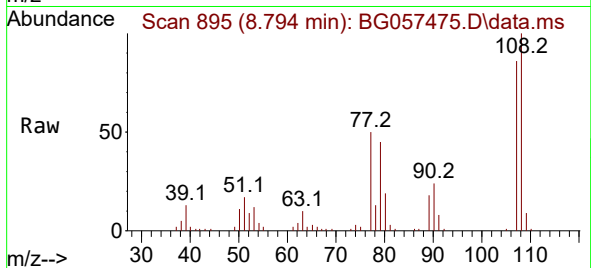




#17
2-Methylphenol
Concen: 48.084 ng
RT: 8.794 min Scan# 899
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

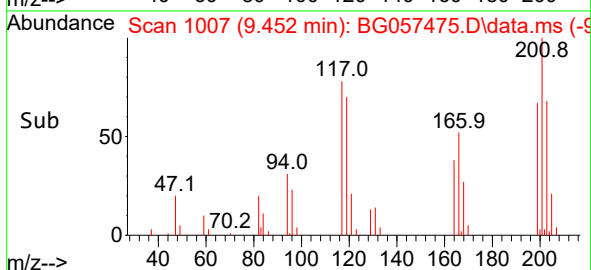
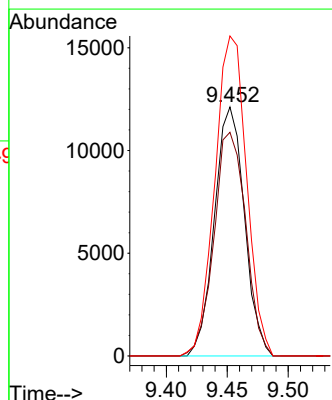
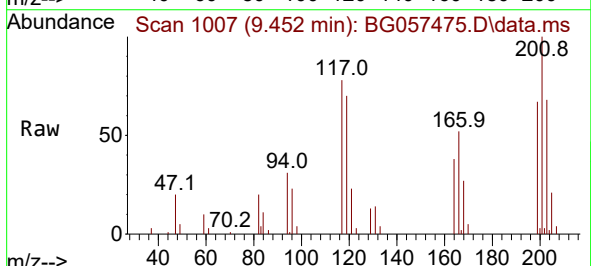
Instrument :
BNA_G
ClientSampleId :
TP5MS

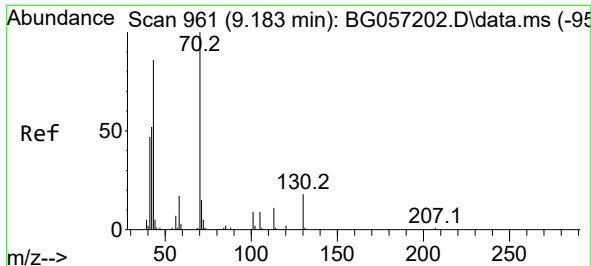
Tgt Ion:107	Resp:	49428
Ion	Ratio	Lower Upper
107	100	
108	116.9	89.5 134.3
77	57.9	45.1 67.7
79	53.0	43.4 65.2



#18
Hexachloroethane
Concen: 50.924 ng
RT: 9.452 min Scan# 1007
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:117	Resp:	20739
Ion	Ratio	Lower Upper
117	100	
119	89.9	76.7 115.1
201	128.6	109.0 163.4

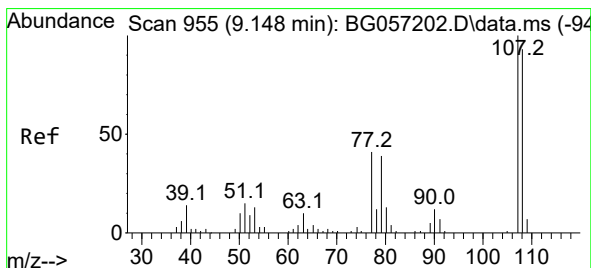
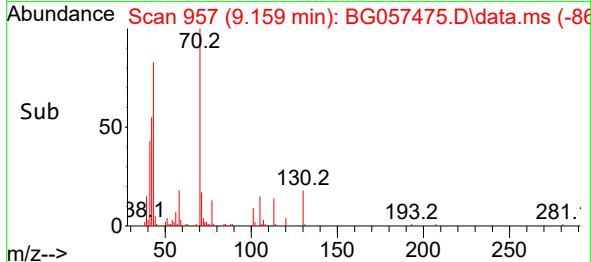
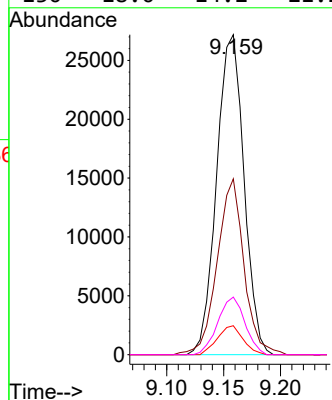
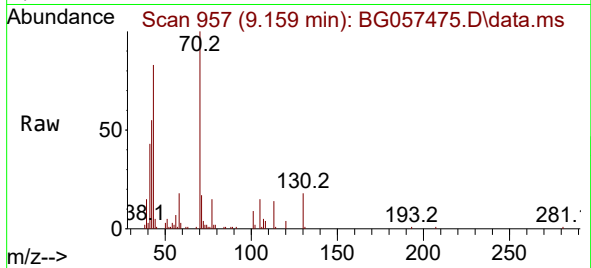




#19
n-Nitroso-di-n-propylamine
Concen: 40.773 ng
RT: 9.159 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

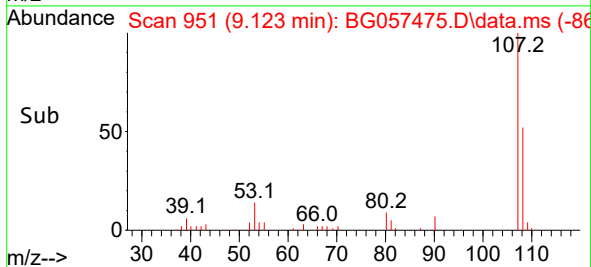
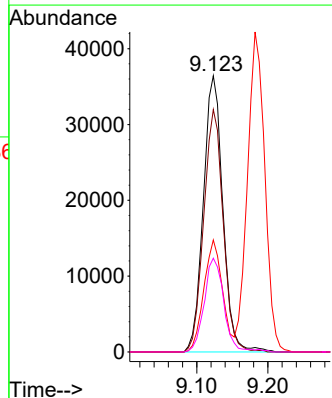
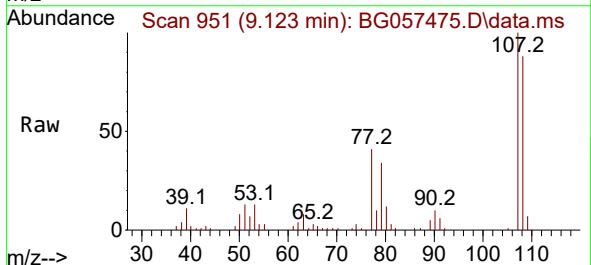
Instrument :
BNA_G
ClientSampleId :
TP5MS

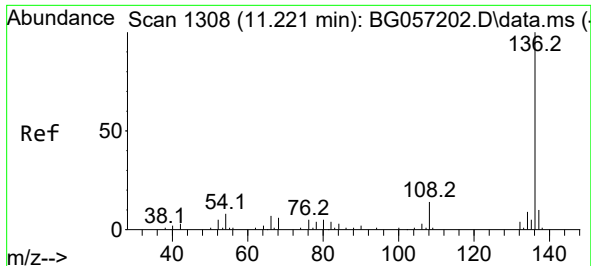
Tgt Ion: 70 Resp: 45481
Ion Ratio Lower Upper
70 100
42 54.9 41.8 62.8
101 9.1 6.8 10.2
130 18.0 14.2 21.2



#20
3+4-Methylphenols
Concen: 49.441 ng
RT: 9.123 min Scan# 951
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion: 107 Resp: 69592
Ion Ratio Lower Upper
107 100
108 87.8 73.5 113.5
77 40.6 21.1 61.1
79 34.0 18.8 58.8

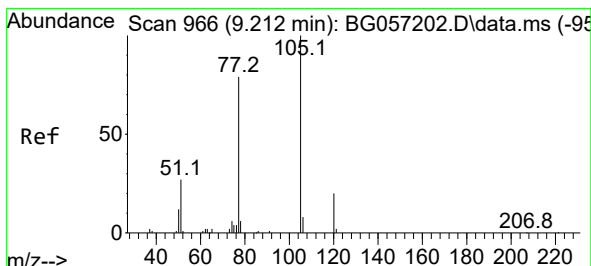
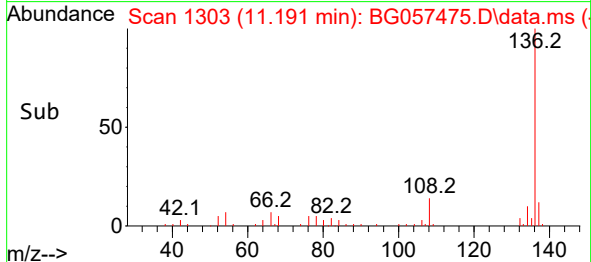
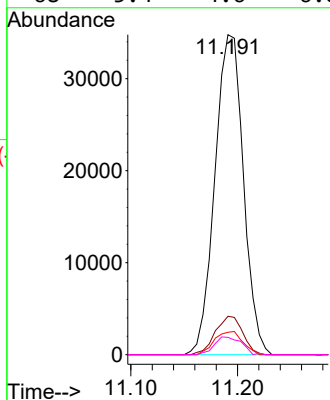
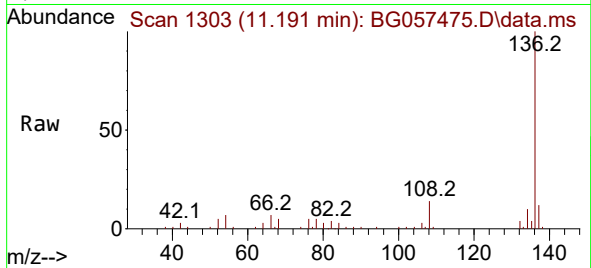




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

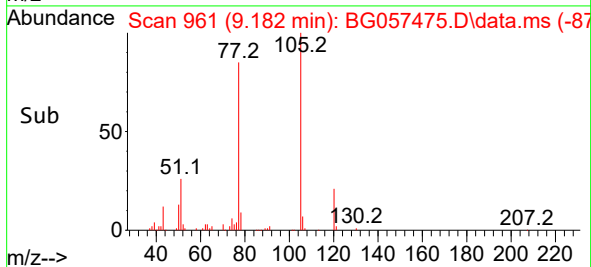
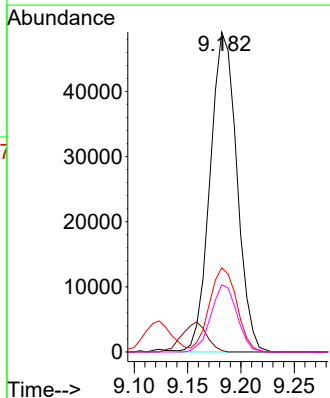
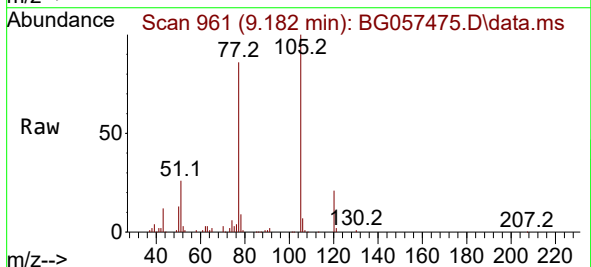
Instrument :
BNA_G
ClientSampleId :
TP5MS

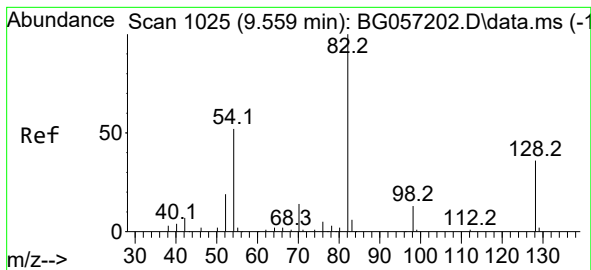
Tgt Ion:136 Resp: 64580
Ion Ratio Lower Upper
136 100
137 12.0 8.3 12.5
54 7.0 6.7 10.1
68 5.4 4.6 6.8



#22
Acetophenone
Concen: 46.295 ng
RT: 9.182 min Scan# 961
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:105 Resp: 85571
Ion Ratio Lower Upper
105 100
71 0.5 0.4 0.6
51 26.3 24.0 36.0
120 21.0 15.8 23.8





#23

Nitrobenzene-d5

Concen: 48.645 ng

RT: 9.534 min Scan# 1021

Delta R.T. -0.002 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

TP5MS

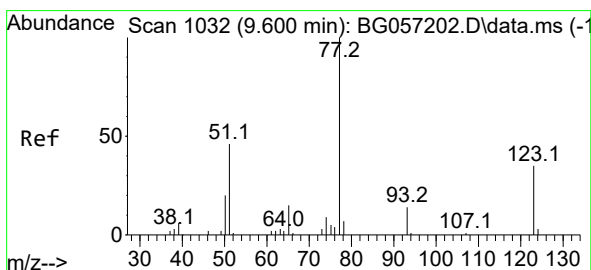
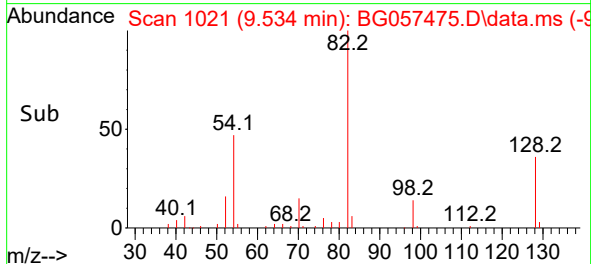
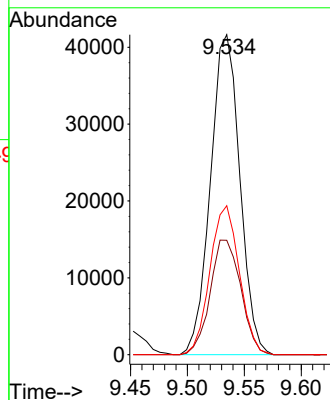
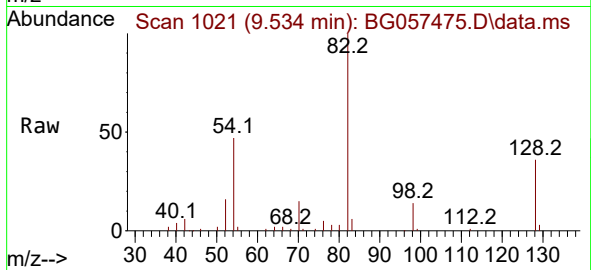
Tgt Ion: 82 Resp: 74849

Ion Ratio Lower Upper

82 100

128 35.7 29.0 43.4

54 46.6 41.4 62.0



#24

Nitrobenzene

Concen: 43.695 ng

RT: 9.576 min Scan# 1028

Delta R.T. -0.008 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

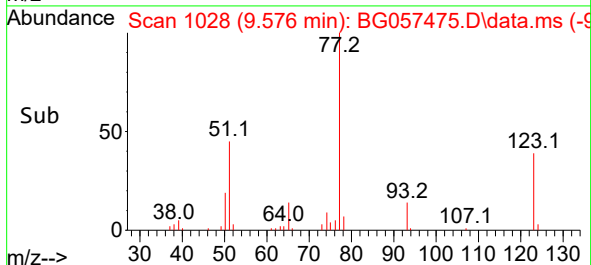
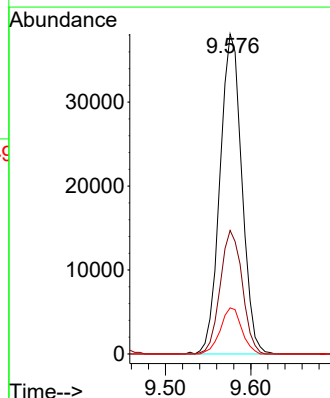
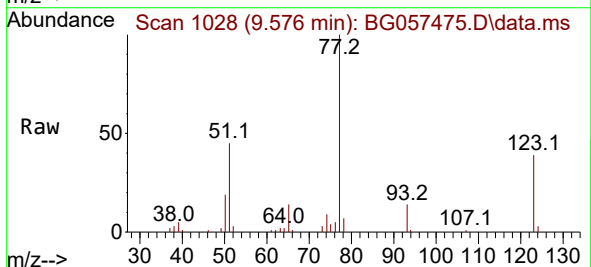
Tgt Ion: 77 Resp: 67860

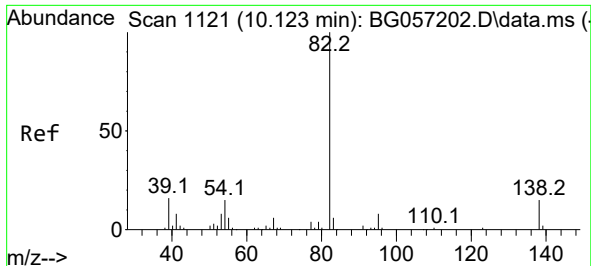
Ion Ratio Lower Upper

77 100

123 38.6 28.2 42.2

65 14.4 11.7 17.5

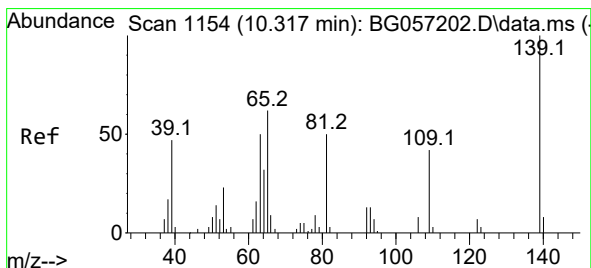
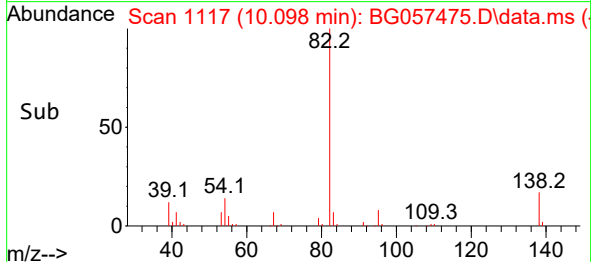
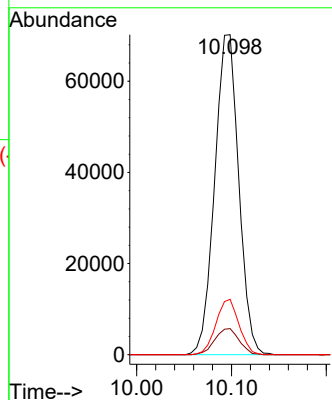
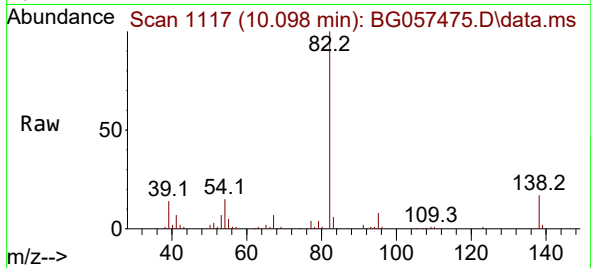




#25
Isophorone
Concen: 41.462 ng
RT: 10.098 min Scan# 1117
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

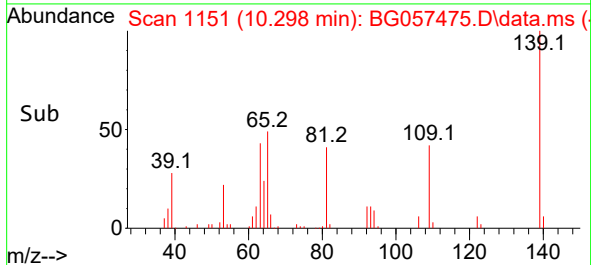
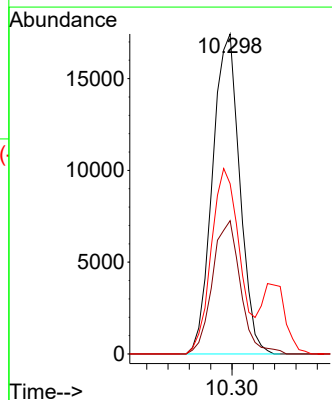
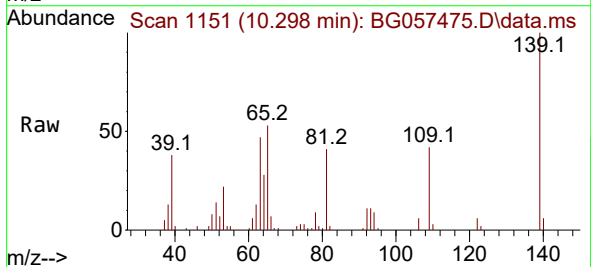
Instrument :
BNA_G
ClientSampleId :
TP5MS

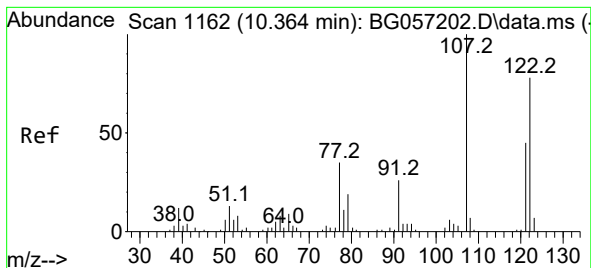
Tgt Ion: 82 Resp: 123708
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 17.3 12.3 18.5



#26
2-Nitrophenol
Concen: 51.911 ng
RT: 10.298 min Scan# 1151
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:139 Resp: 30859
Ion Ratio Lower Upper
139 100
109 41.7 33.4 50.2
65 53.2 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 53.921 ng

RT: 10.339 min Scan# 1158

Delta R.T. -0.002 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

TP5MS

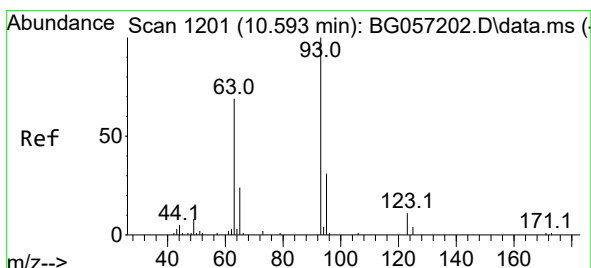
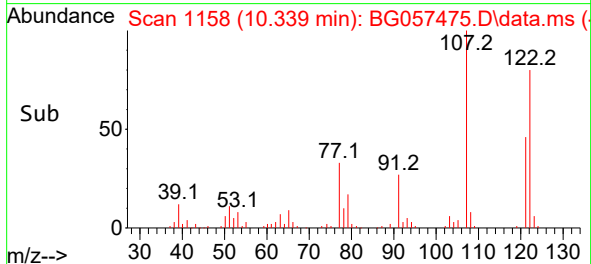
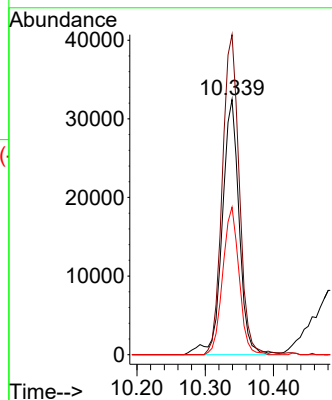
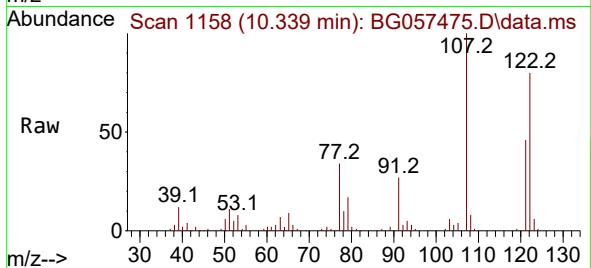
Tgt Ion:122 Resp: 56127

Ion Ratio Lower Upper

122 100

107 125.4 103.0 154.4

121 57.8 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 44.393 ng

RT: 10.568 min Scan# 1197

Delta R.T. -0.002 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

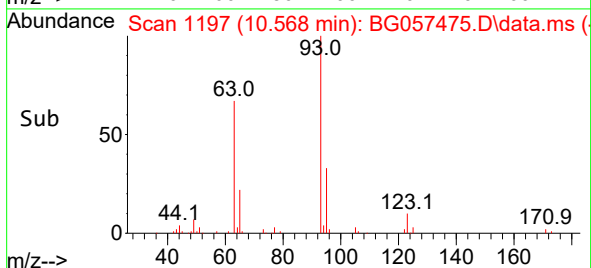
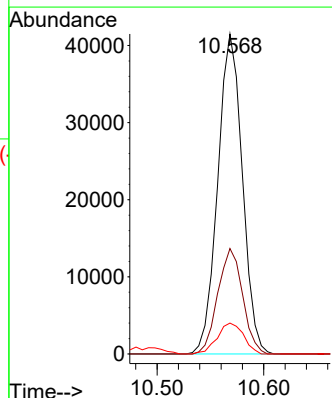
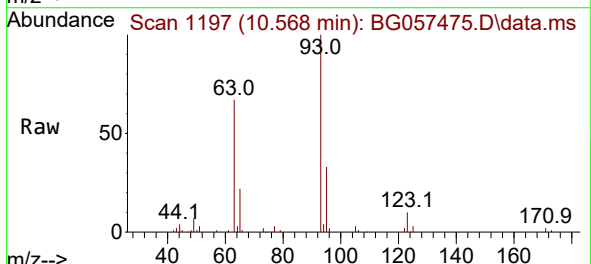
Tgt Ion: 93 Resp: 66356

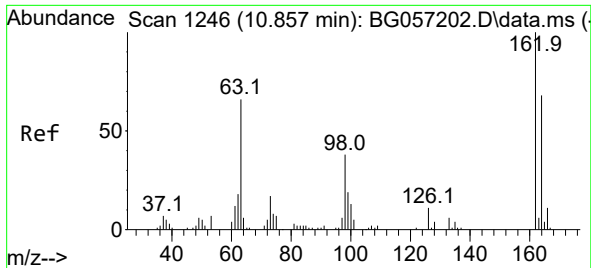
Ion Ratio Lower Upper

93 100

95 32.9 25.0 37.6

123 9.7 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 53.526 ng

RT: 10.833 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

TP5MS

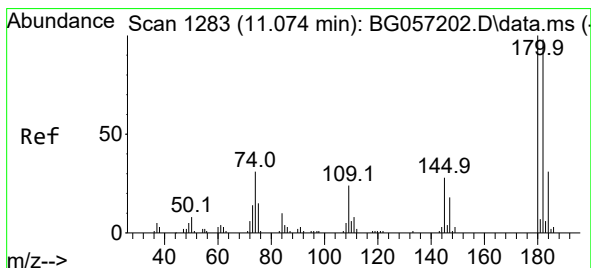
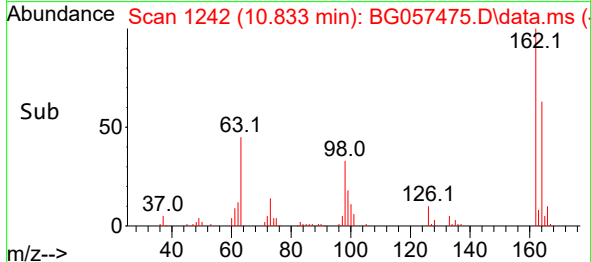
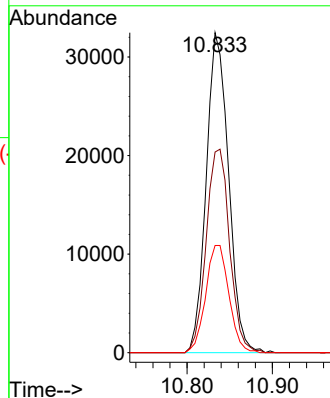
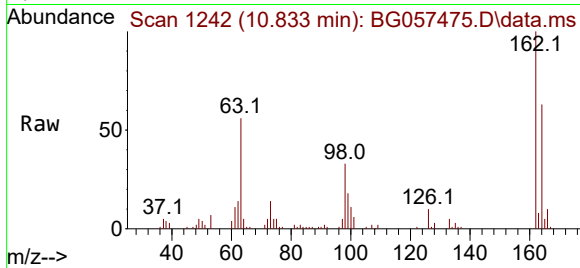
Tgt Ion:162 Resp: 59094

Ion Ratio Lower Upper

162 100

164 62.7 48.4 88.4

98 33.5 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 48.460 ng

RT: 11.050 min Scan# 1279

Delta R.T. -0.002 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

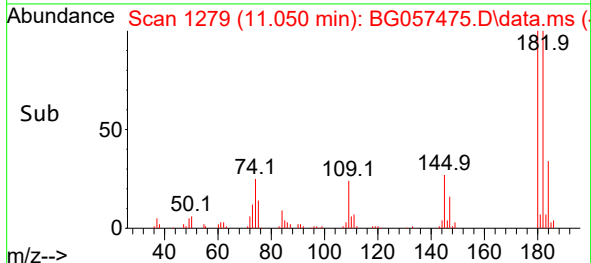
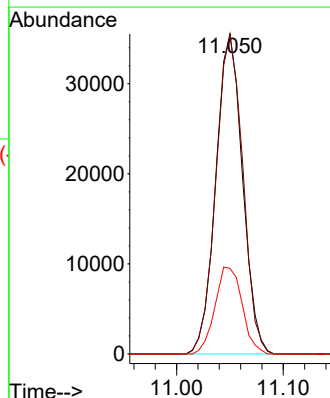
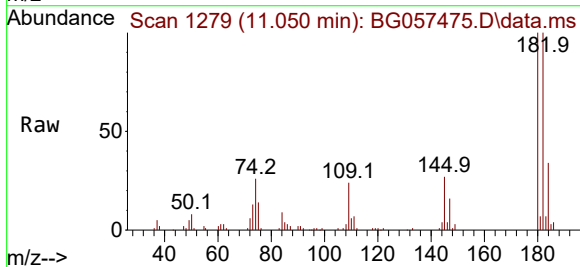
Tgt Ion:180 Resp: 61709

Ion Ratio Lower Upper

180 100

182 99.7 78.0 117.0

145 26.8 22.4 33.6

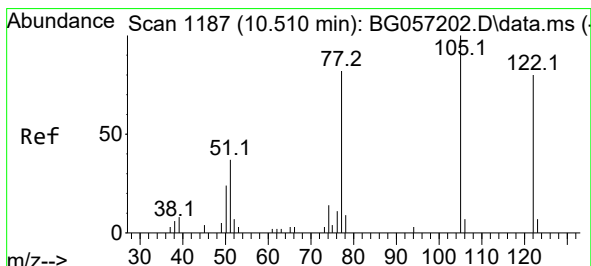
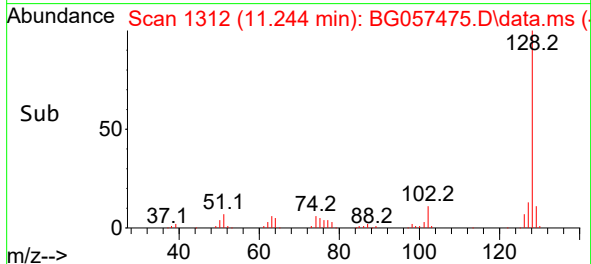
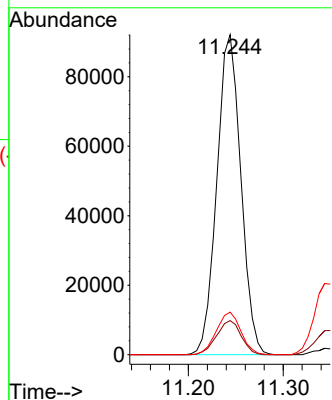
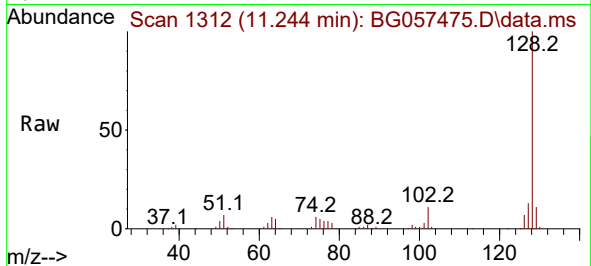




#31
Naphthalene
Concen: 46.933 ng
RT: 11.244 min Scan# 111
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

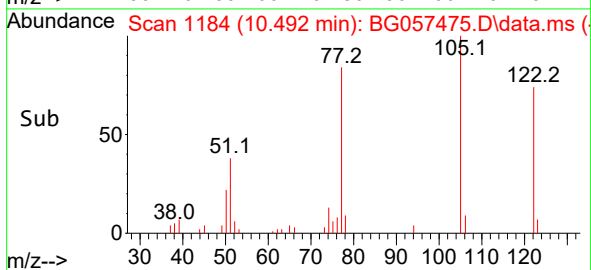
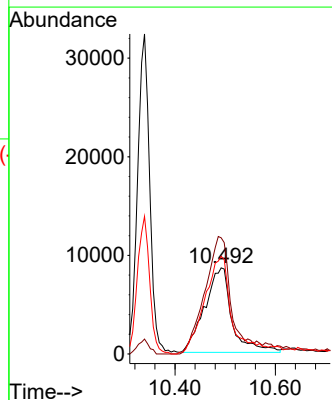
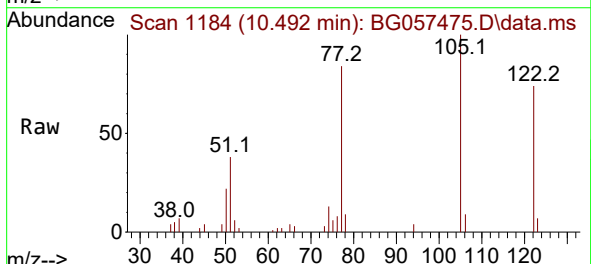
Instrument :
BNA_G
ClientSampleId :
TP5MS

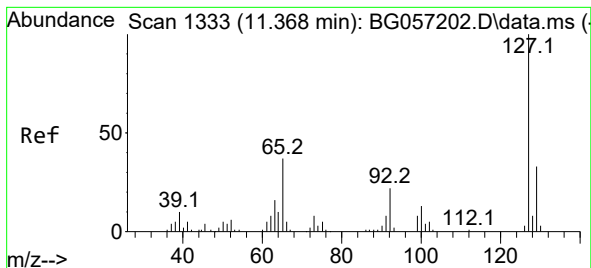
Tgt Ion:128 Resp: 162036
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 13.3 11.1 16.7



#32
Benzoic acid
Concen: 53.422 ng
RT: 10.492 min Scan# 1184
Delta R.T. 0.004 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:122 Resp: 32421
Ion Ratio Lower Upper
122 100
105 135.1 105.2 145.2
77 113.5 83.1 123.1





#33

4-Chloroaniline

Concen: 26.576 ng

RT: 11.344 min Scan# 11

Delta R.T. -0.008 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

TP5MS

Tgt Ion:127 Resp: 41206

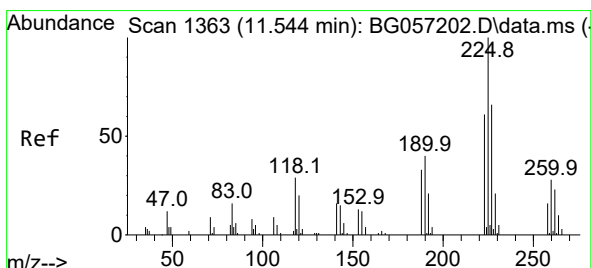
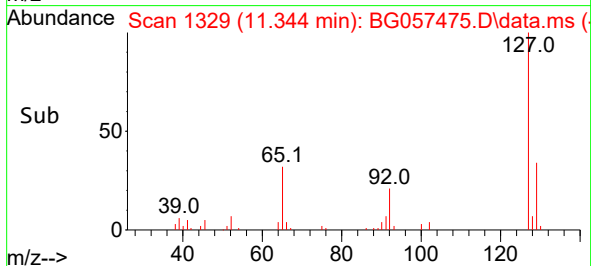
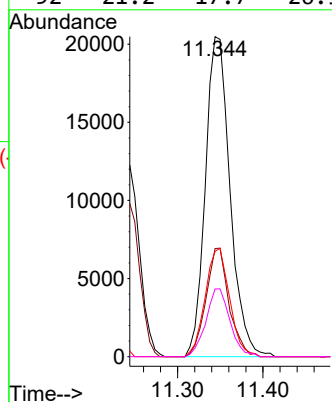
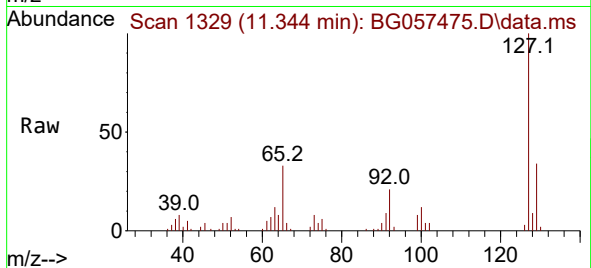
Ion Ratio Lower Upper

127 100

129 33.8 26.7 40.1

65 32.9 29.7 44.5

92 21.2 17.7 26.5



#34

Hexachlorobutadiene

Concen: 47.416 ng

RT: 11.514 min Scan# 1358

Delta R.T. -0.002 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

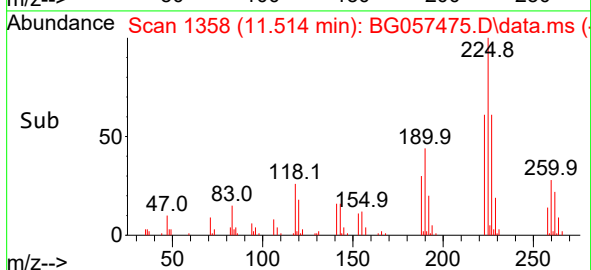
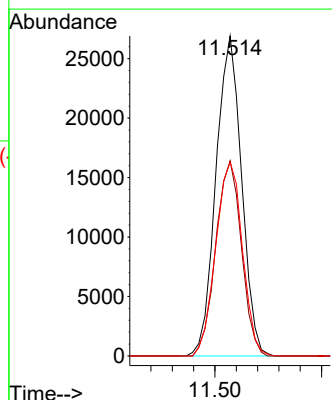
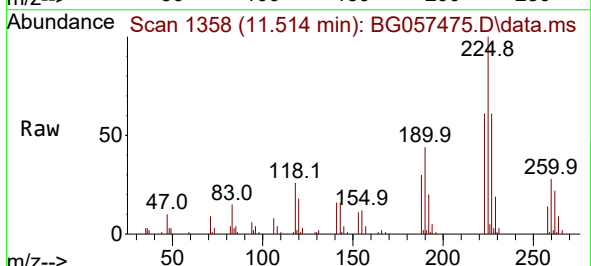
Tgt Ion:225 Resp: 44802

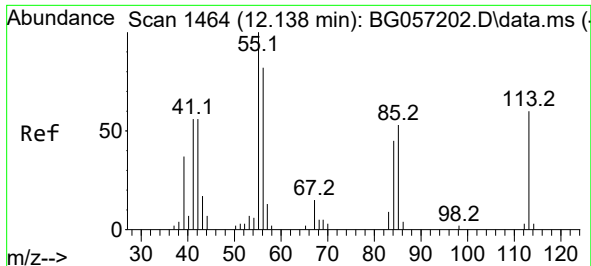
Ion Ratio Lower Upper

225 100

223 61.0 48.6 72.8

227 60.6 52.7 79.1

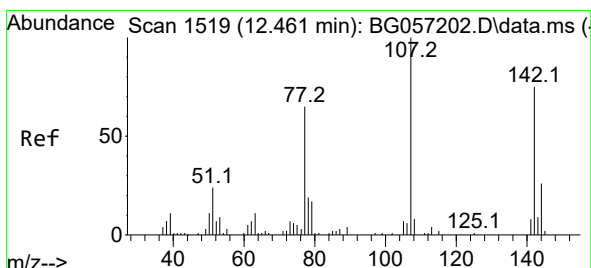
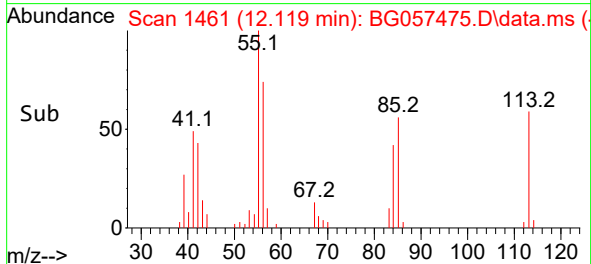
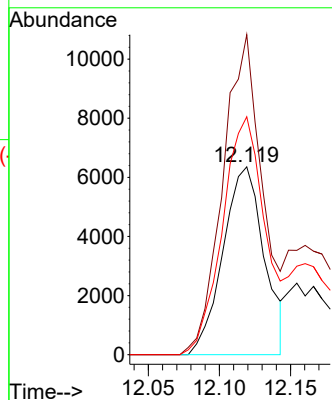
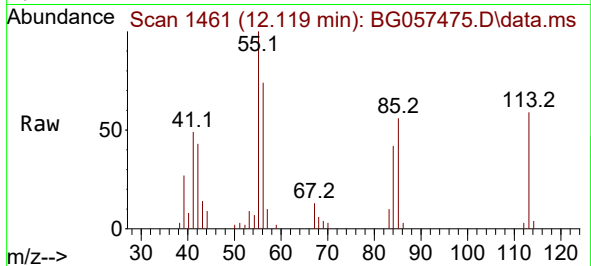




#35
 Caprolactam
 Concen: 33.981 ng
 RT: 12.119 min Scan# 1461
 Delta R.T. -0.002 min
 Lab File: BG057475.D
 Acq: 19 May 2023 20:14

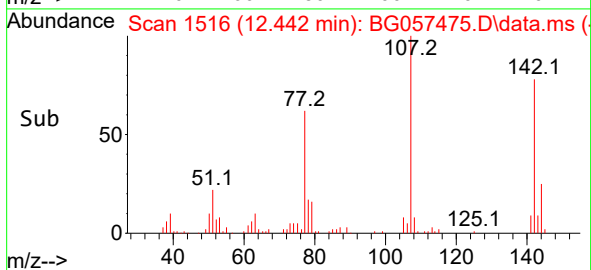
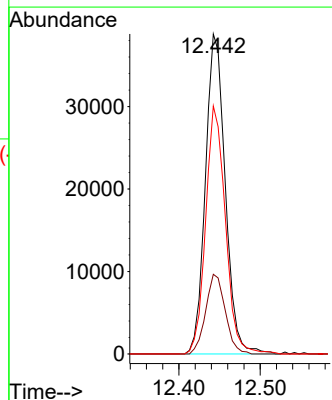
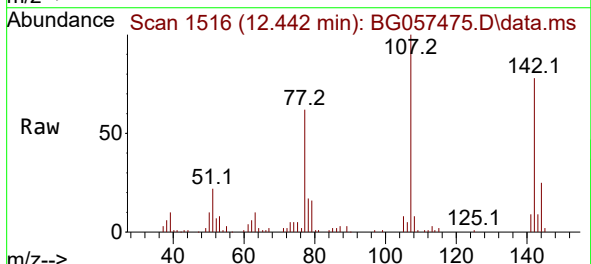
Instrument :
 BNA_G
 ClientSampleId :
 TP5MS

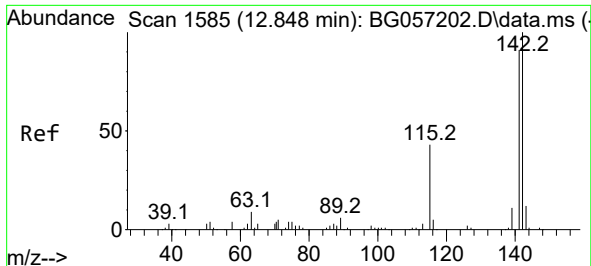
Tgt Ion:113 Resp: 12815
 Ion Ratio Lower Upper
 113 100
 55 170.3 145.5 185.5
 56 126.6 115.9 155.9



#36
 4-Chloro-3-methylphenol
 Concen: 52.403 ng
 RT: 12.442 min Scan# 1516
 Delta R.T. -0.002 min
 Lab File: BG057475.D
 Acq: 19 May 2023 20:14

Tgt Ion:107 Resp: 65746
 Ion Ratio Lower Upper
 107 100
 144 24.9 21.0 31.6
 142 77.5 60.0 90.0





#37

2-Methylnaphthalene

Concen: 46.098 ng

RT: 12.824 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

TP5MS

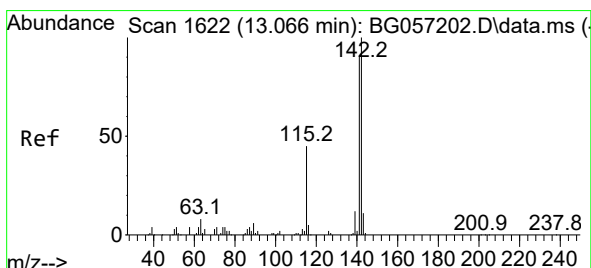
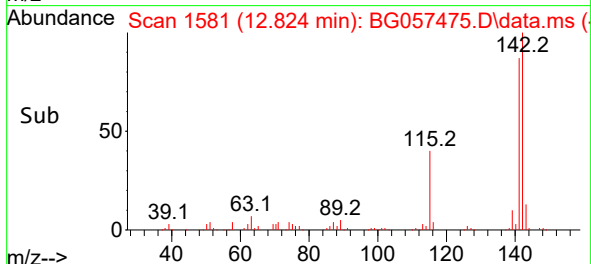
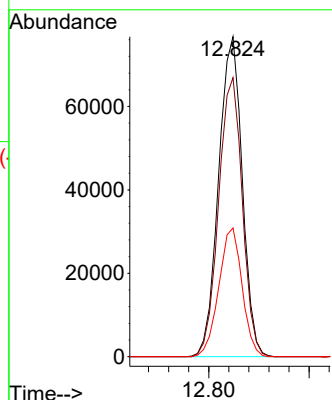
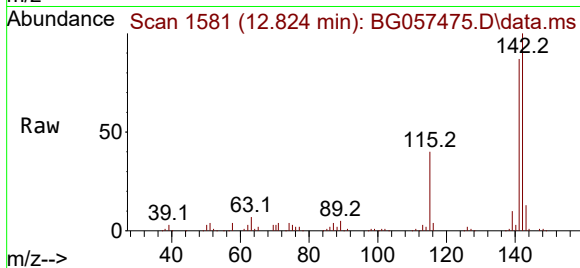
Tgt Ion:142 Resp: 125133

Ion Ratio Lower Upper

142 100

141 87.2 73.1 109.7

115 40.2 34.6 52.0



#38

1-Methylnaphthalene

Concen: 45.787 ng

RT: 13.036 min Scan# 1617

Delta R.T. -0.008 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

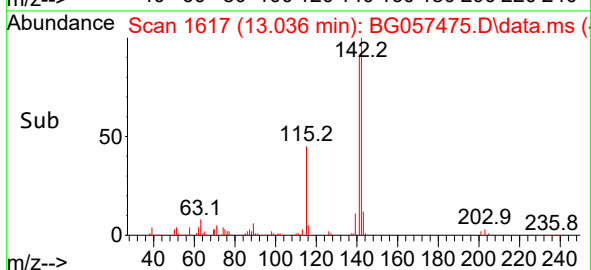
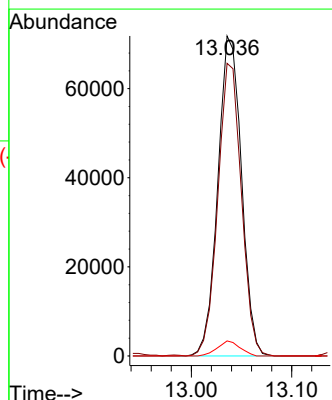
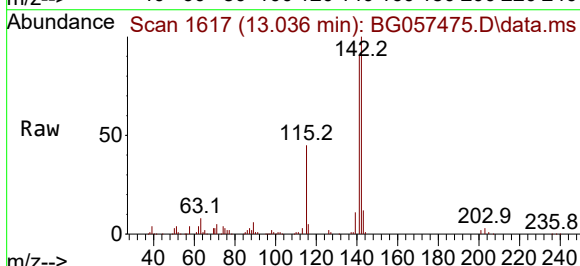
Tgt Ion:142 Resp: 117151

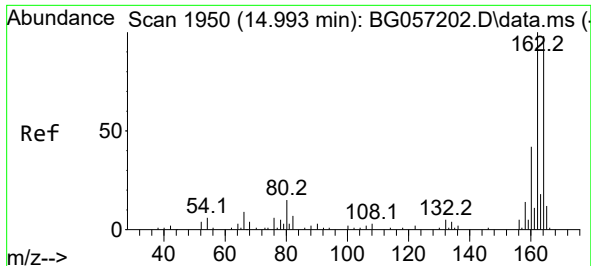
Ion Ratio Lower Upper

142 100

141 91.4 72.5 108.7

116 4.7 3.7 5.5

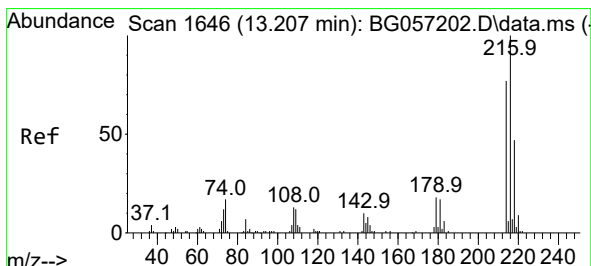
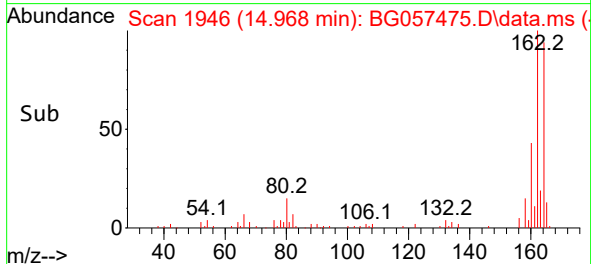
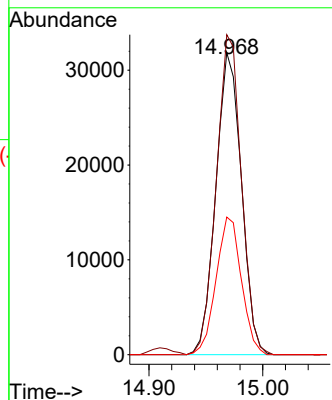
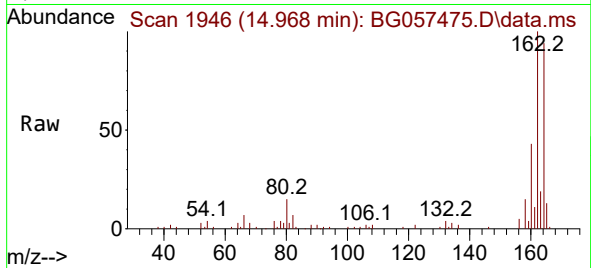




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.968 min Scan# 1946
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

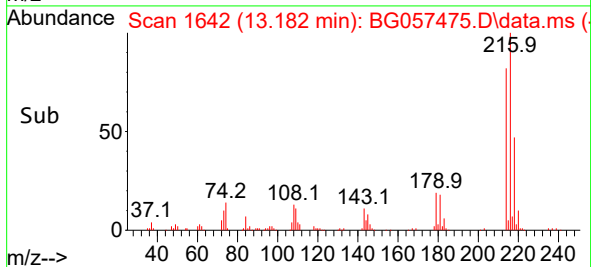
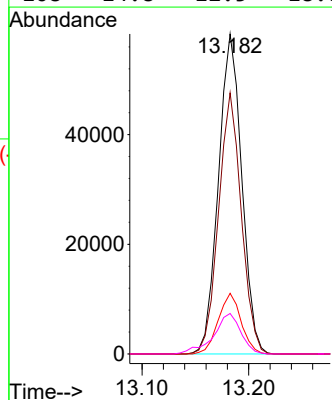
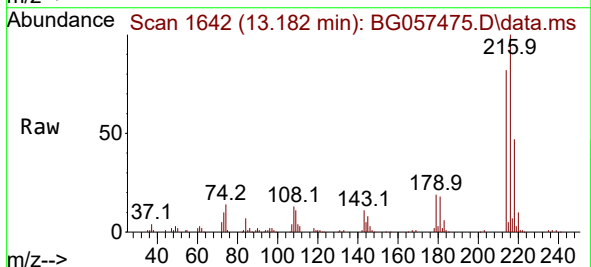
Instrument :
BNA_G
ClientSampleId :
TP5MS

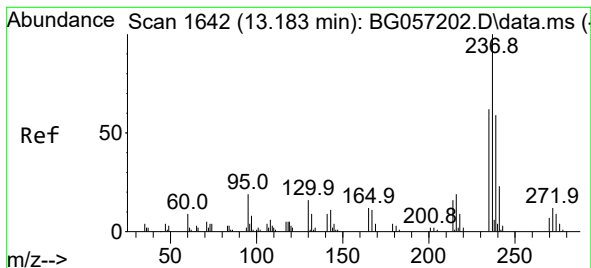
Tgt Ion:164 Resp: 49805
Ion Ratio Lower Upper
164 100
162 105.9 81.8 122.6
160 45.6 34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.065 ng
RT: 13.182 min Scan# 1642
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:216 Resp: 88521
Ion Ratio Lower Upper
216 100
214 79.4 63.7 95.5
179 18.6 14.6 22.0
108 14.8 12.5 18.7

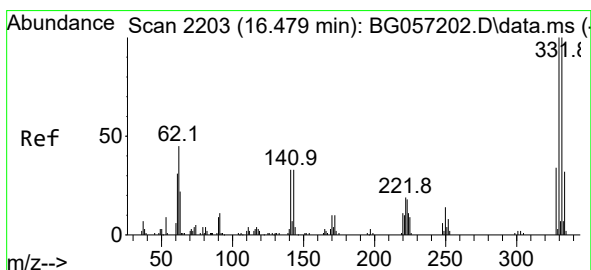
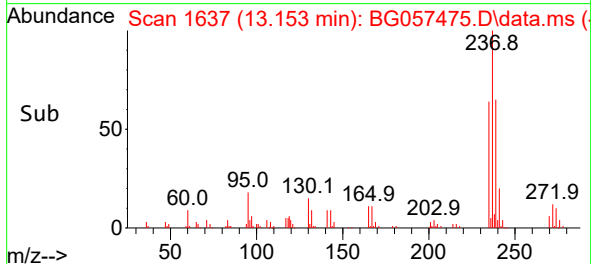
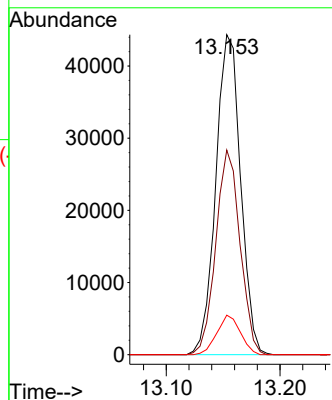
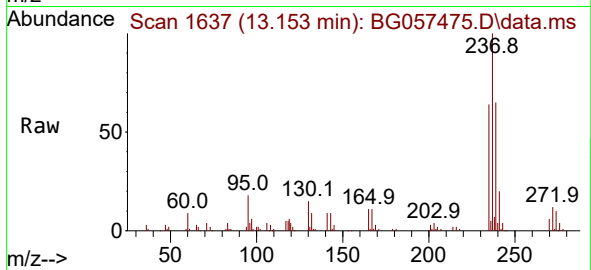




#41
Hexachlorocyclopentadiene
Concen: 79.191 ng
RT: 13.153 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

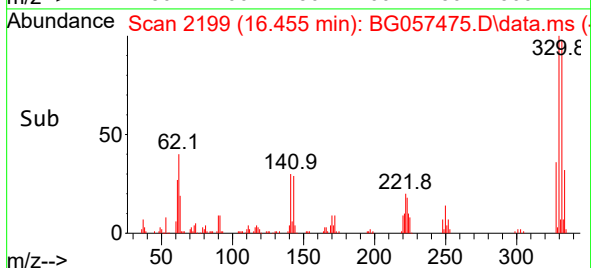
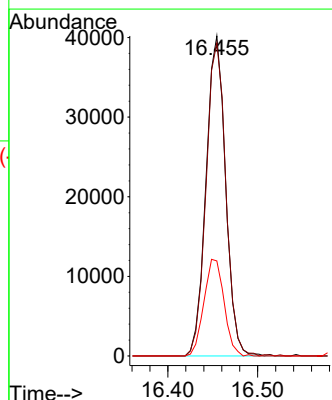
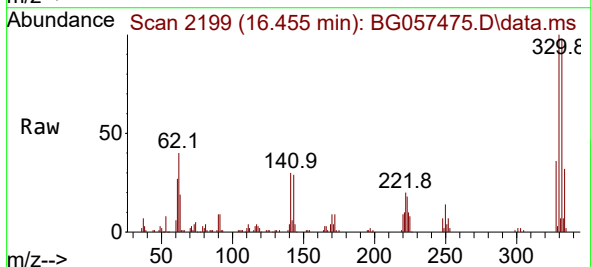
Instrument :
BNA_G
ClientSampleId :
TP5MS

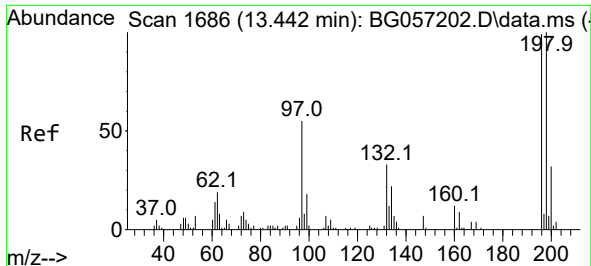
Tgt Ion:237 Resp: 67244
Ion Ratio Lower Upper
237 100
235 63.9 42.0 82.0
272 12.3 0.0 31.5



#42
2,4,6-Tribromophenol
Concen: 85.913 ng
RT: 16.455 min Scan# 2199
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:330 Resp: 60713
Ion Ratio Lower Upper
330 100
332 99.0 78.2 117.2
141 31.1 27.8 41.8

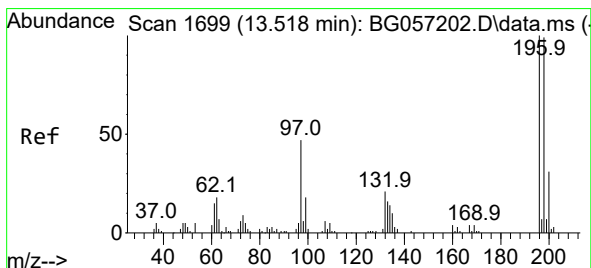
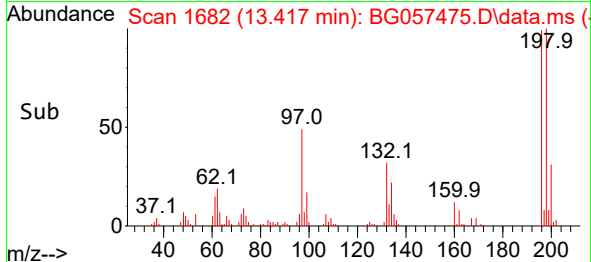
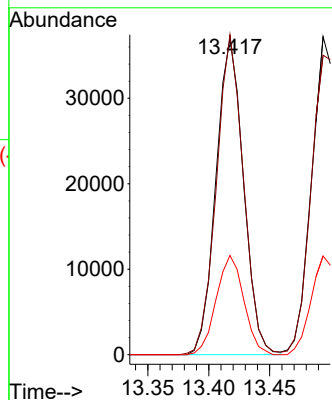
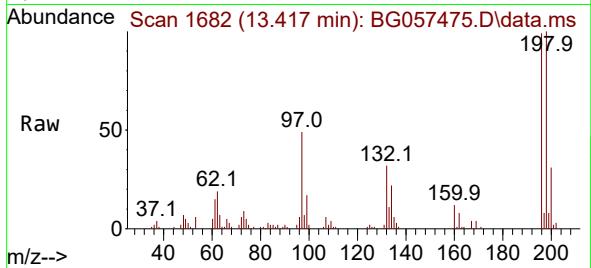




#43
2,4,6-Trichlorophenol
Concen: 53.861 ng
RT: 13.417 min Scan# 1682
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

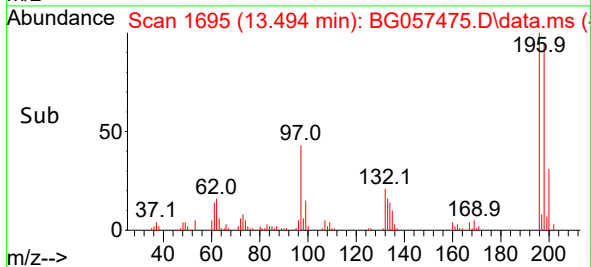
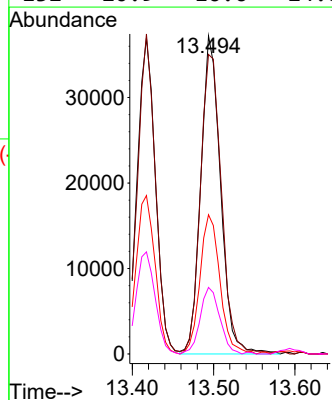
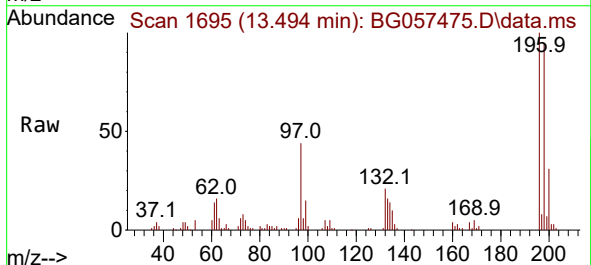
Instrument :
BNA_G
ClientSampleId :
TP5MS

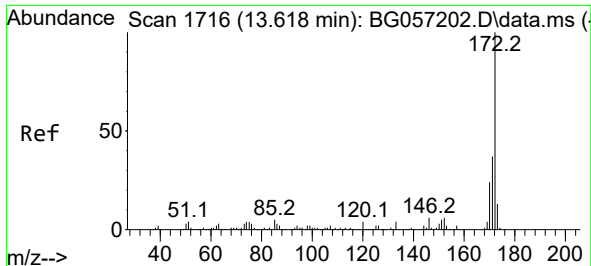
Tgt Ion:196 Resp: 58019
Ion Ratio Lower Upper
196 100
198 101.3 81.2 121.8
200 31.4 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 49.622 ng
RT: 13.494 min Scan# 1695
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:196 Resp: 62876
Ion Ratio Lower Upper
196 100
198 94.2 79.4 119.2
97 43.8 37.0 55.4
132 20.9 16.6 24.8

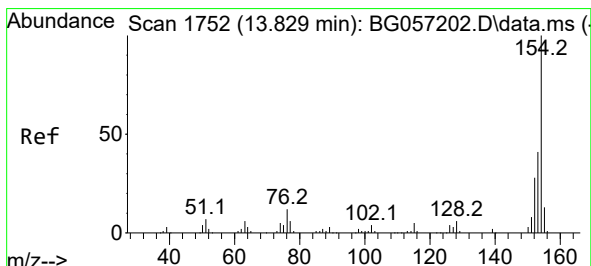
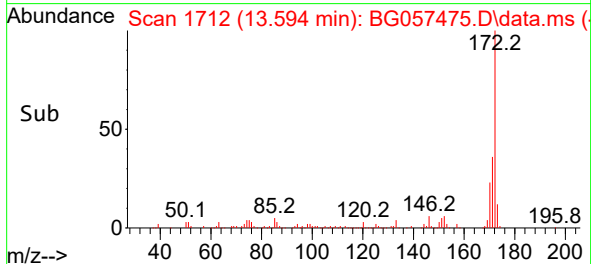
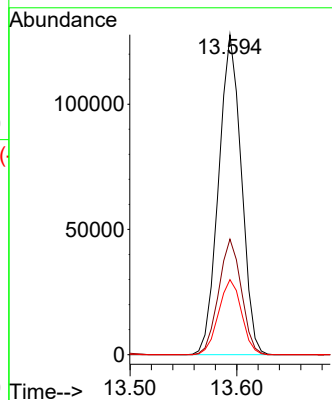
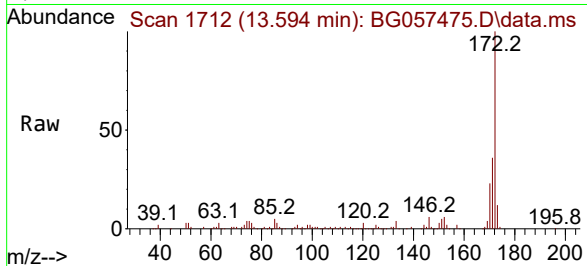




#45
2-Fluorobiphenyl
Concen: 51.030 ng
RT: 13.594 min Scan# 1716
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

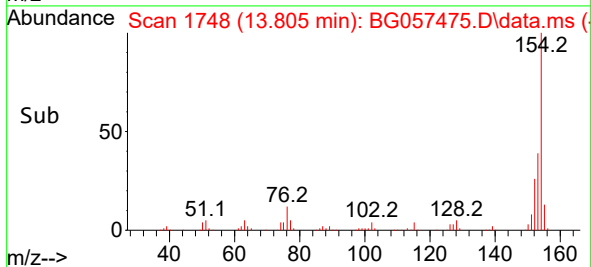
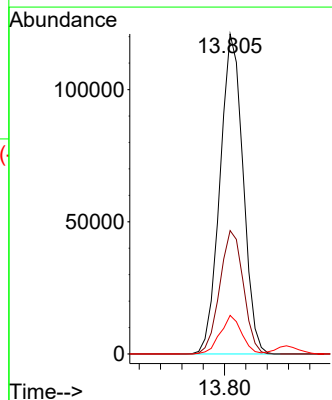
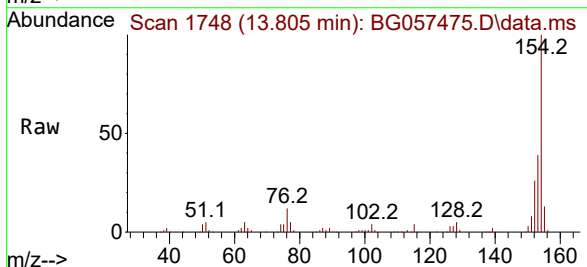
Instrument :
BNA_G
ClientSampleId :
TP5MS

Tgt Ion:172 Resp: 188709
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 23.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 49.127 ng
RT: 13.805 min Scan# 1748
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:154 Resp: 181559
Ion Ratio Lower Upper
154 100
153 38.5 20.9 60.9
76 12.1 0.0 31.7

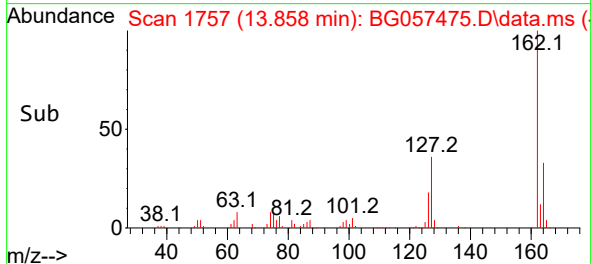
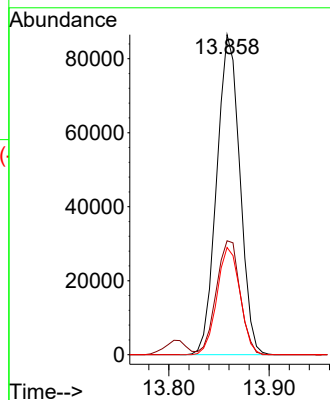
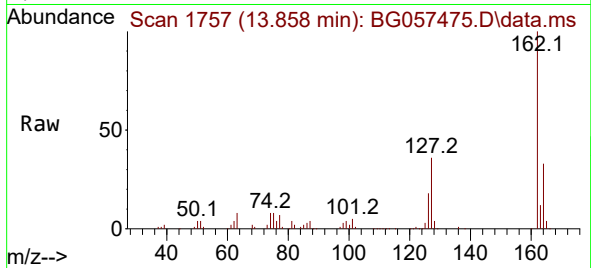




#47
2-Chloronaphthalene
Concen: 50.323 ng
RT: 13.858 min Scan# 1757
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

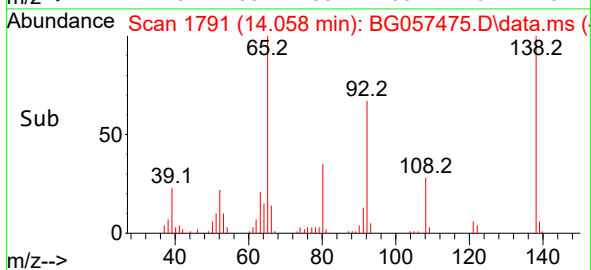
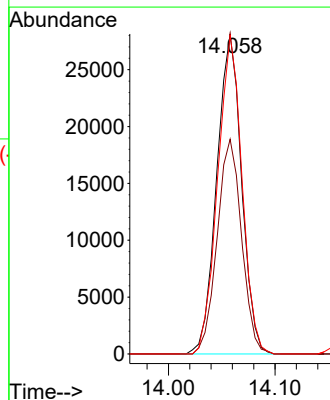
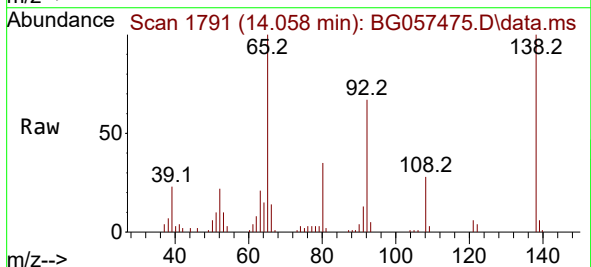
Instrument :
BNA_G
ClientSampleId :
TP5MS

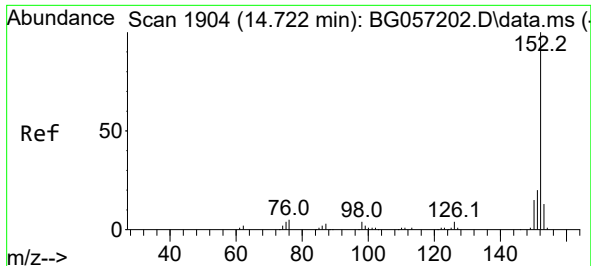
Tgt Ion:162 Resp: 138300
Ion Ratio Lower Upper
162 100
127 35.6 29.8 44.6
164 33.5 26.6 40.0



#48
2-Nitroaniline
Concen: 48.489 ng
RT: 14.058 min Scan# 1791
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion: 65 Resp: 45310
Ion Ratio Lower Upper
65 100
92 67.1 52.1 78.1
138 99.7 75.3 112.9

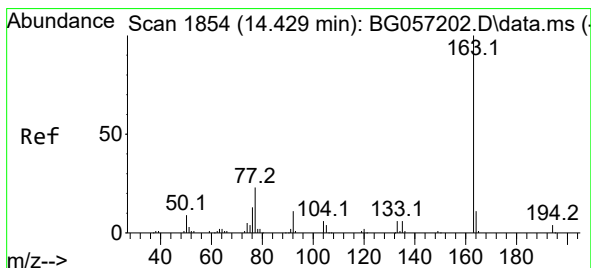
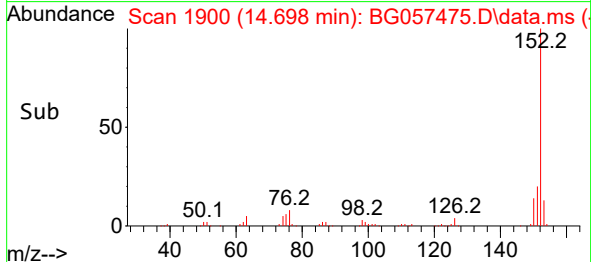
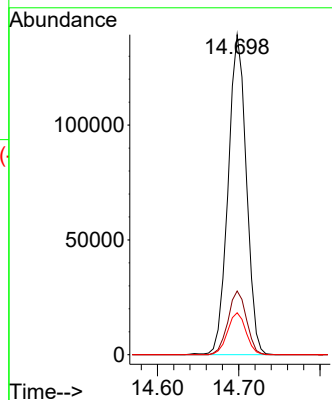
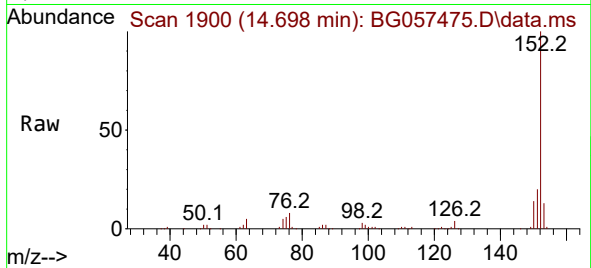




#49
Acenaphthylene
Concen: 48.581 ng
RT: 14.698 min Scan# 1900
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

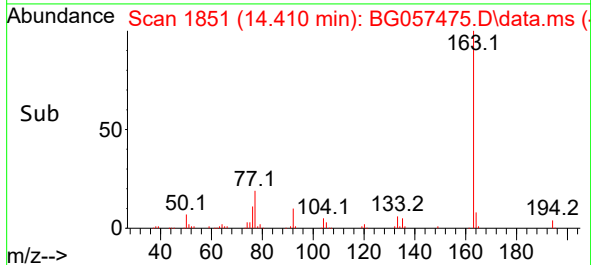
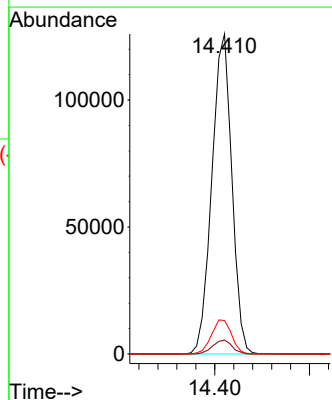
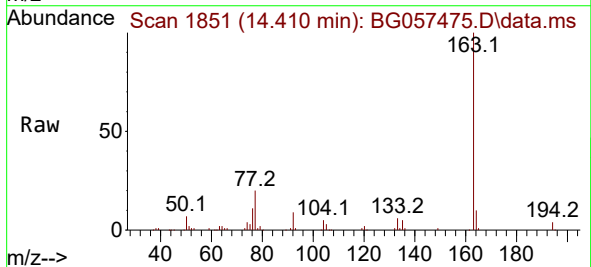
Instrument :
BNA_G
ClientSampleId :
TP5MS

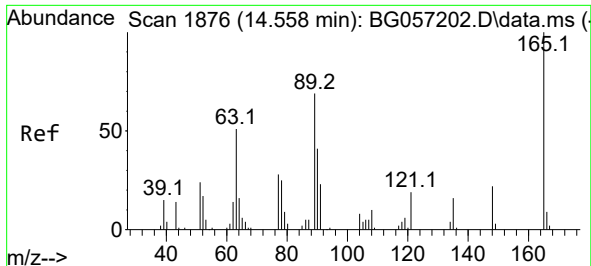
Tgt Ion:152 Resp: 216905
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.1 10.7 16.1



#50
Dimethylphthalate
Concen: 45.056 ng
RT: 14.410 min Scan# 1851
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:163 Resp: 184403
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.5 8.8 13.2

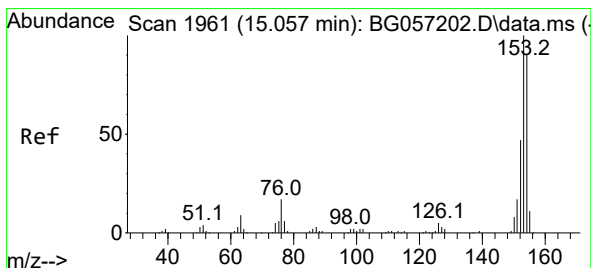
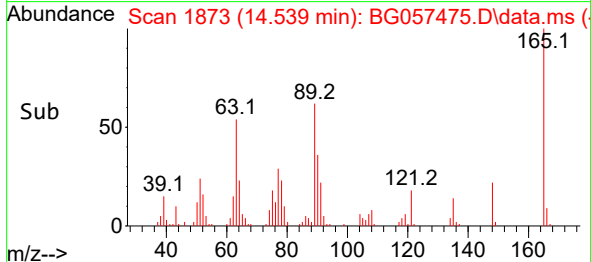
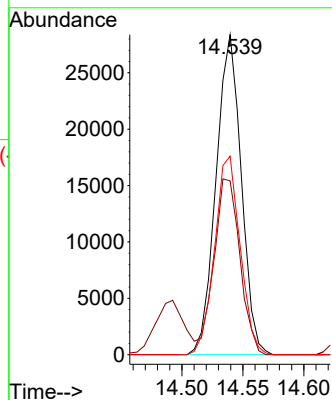
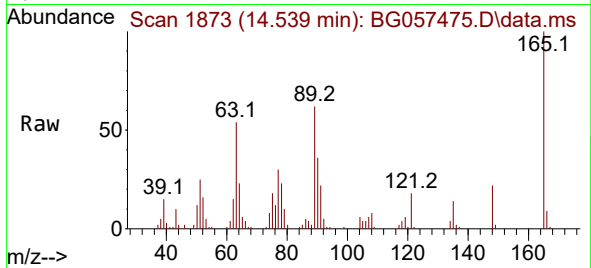




#51
2,6-Dinitrotoluene
Concen: 48.832 ng
RT: 14.539 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

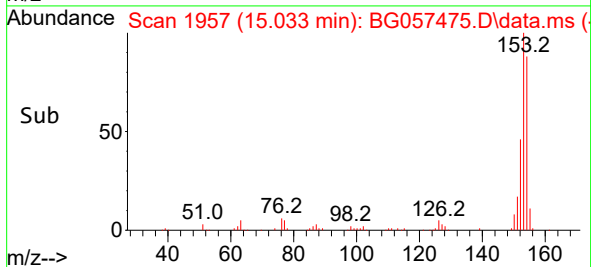
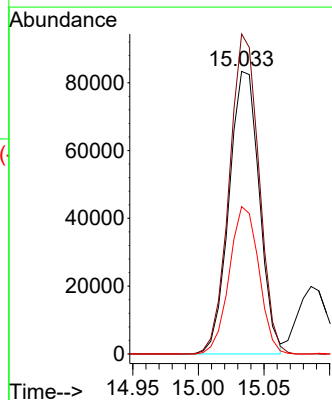
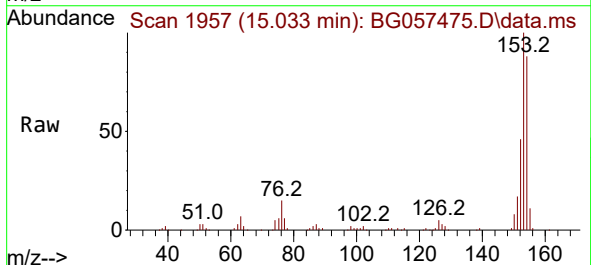
Instrument :
BNA_G
ClientSampleId :
TP5MS

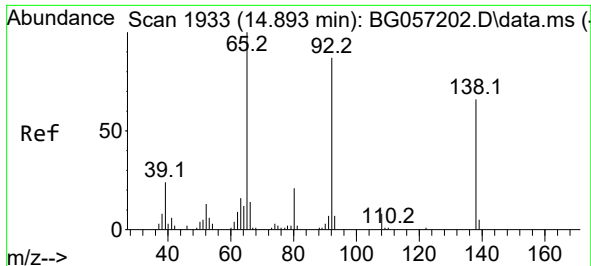
Tgt Ion:165 Resp: 40806
Ion Ratio Lower Upper
165 100
63 54.3 50.9 76.3
89 62.0 55.2 82.8



#52
Acenaphthene
Concen: 47.890 ng
RT: 15.033 min Scan# 1957
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:154 Resp: 133612
Ion Ratio Lower Upper
154 100
153 113.2 89.3 133.9
152 52.1 41.7 62.5

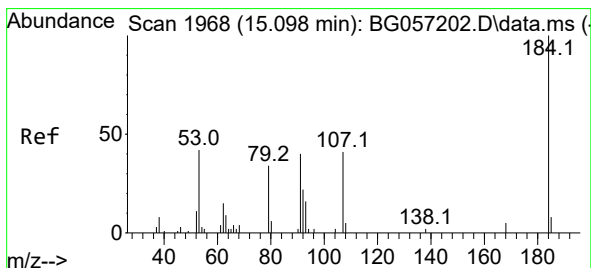
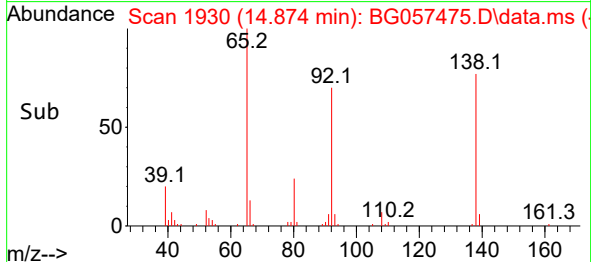
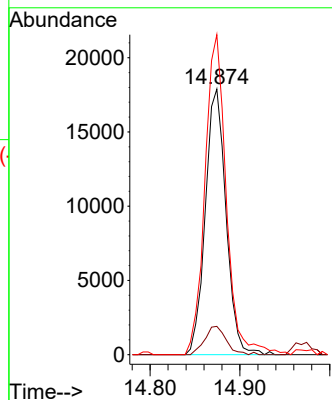
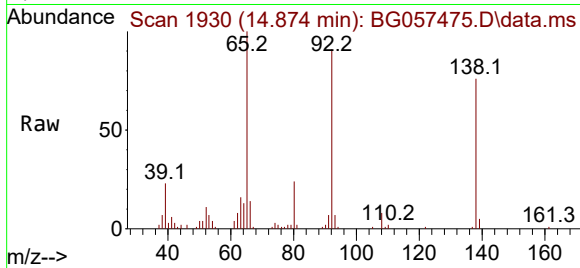




#53
3-Nitroaniline
Concen: 34.298 ng
RT: 14.874 min Scan# 1930
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

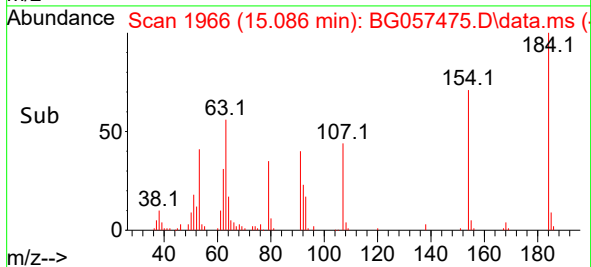
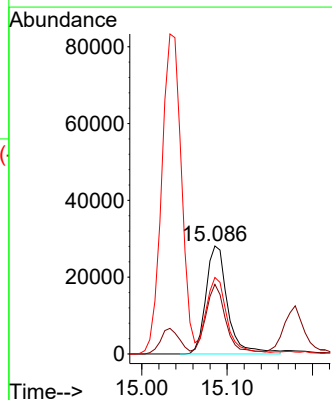
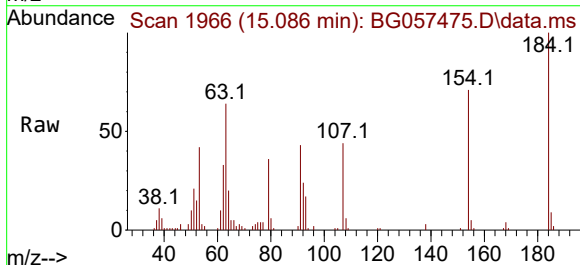
Instrument :
BNA_G
ClientSampleId :
TP5MS

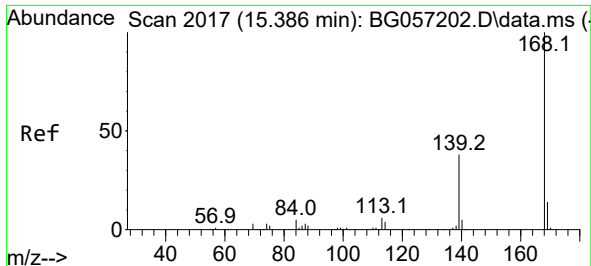
Tgt Ion:138 Resp: 28713
Ion Ratio Lower Upper
138 100
108 10.7 9.5 14.3
92 120.5 106.2 159.4



#54
2,4-Dinitrophenol
Concen: 95.037 ng
RT: 15.086 min Scan# 1966
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:184 Resp: 49691
Ion Ratio Lower Upper
184 100
63 64.4 48.2 72.4
154 70.9 55.4 83.2

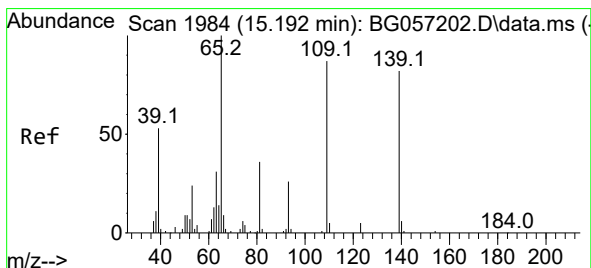
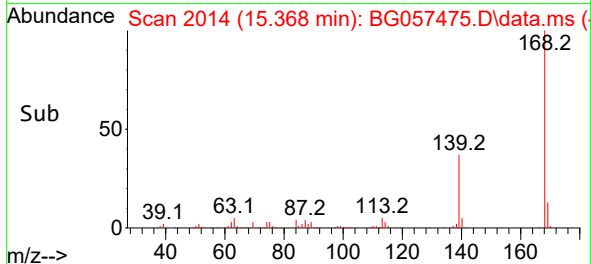
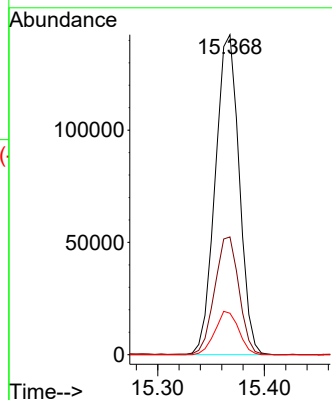
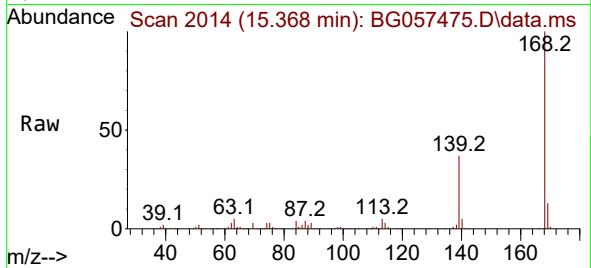




#55
Dibenzofuran
Concen: 47.396 ng
RT: 15.368 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

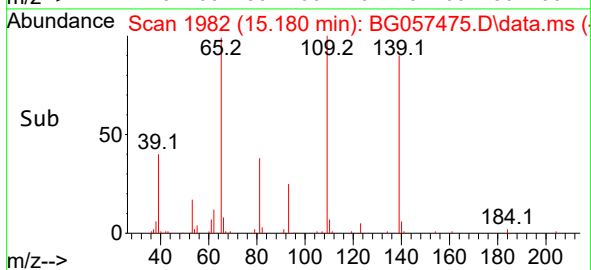
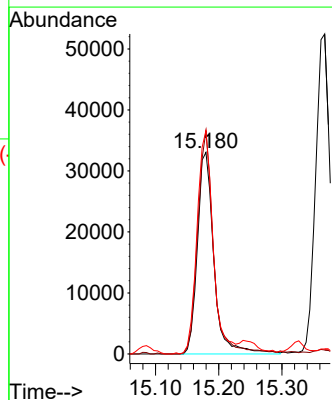
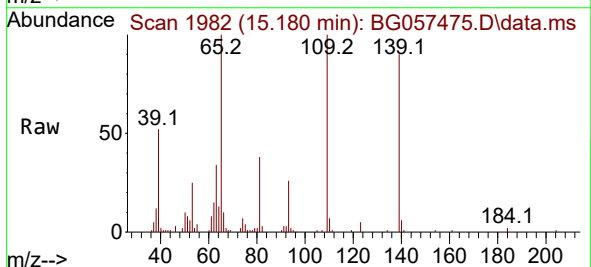
Instrument :
BNA_G
ClientSampleId :
TP5MS

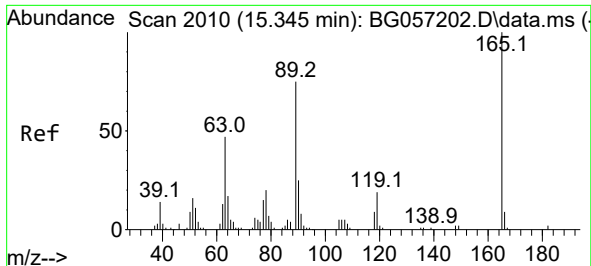
Tgt Ion:168 Resp: 222175
Ion Ratio Lower Upper
168 100
139 36.8 30.7 46.1
169 13.0 10.9 16.3



#56
4-Nitrophenol
Concen: 107.732 ng
RT: 15.180 min Scan# 1982
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:139 Resp: 59984
Ion Ratio Lower Upper
139 100
109 110.6 86.6 126.6
65 110.9 102.6 142.6





#57

2,4-Dinitrotoluene

Concen: 49.178 ng

RT: 15.327 min Scan# 20

Delta R.T. -0.002 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

TP5MS

Tgt Ion:165 Resp: 58732

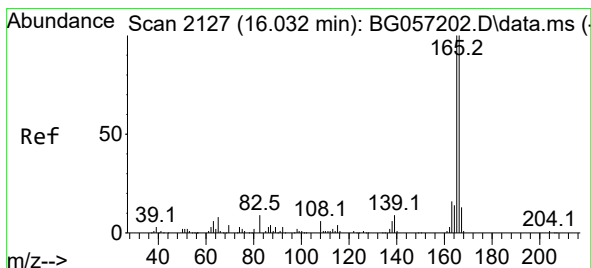
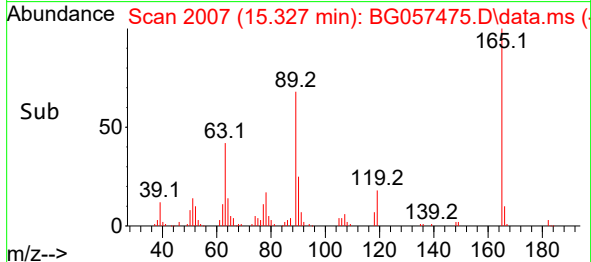
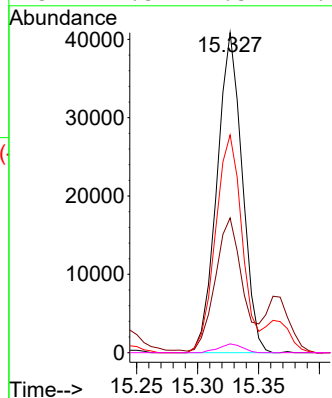
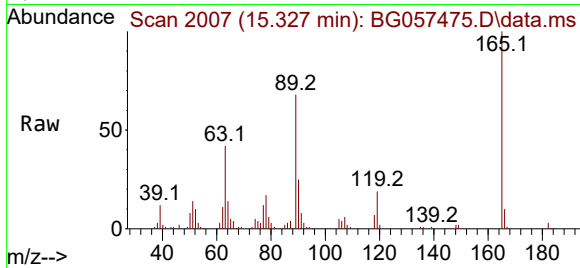
Ion Ratio Lower Upper

165 100

63 42.1 37.5 56.3

89 68.0 60.2 90.4

182 2.8 1.8 2.8#



#58

Fluorene

Concen: 47.916 ng

RT: 16.014 min Scan# 2124

Delta R.T. -0.002 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

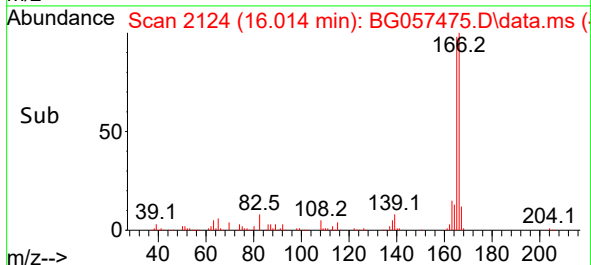
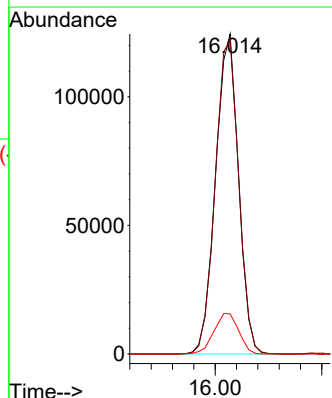
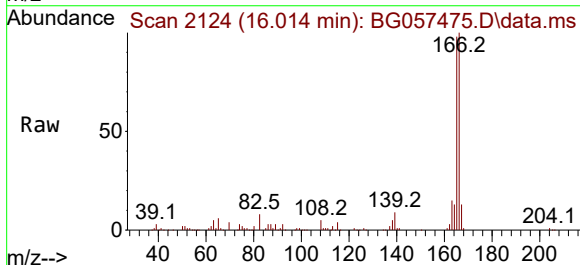
Tgt Ion:166 Resp: 185015

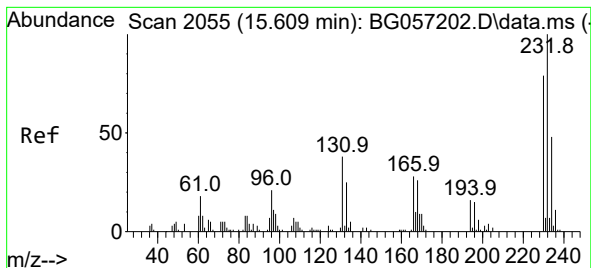
Ion Ratio Lower Upper

166 100

165 98.2 80.1 120.1

167 12.5 10.2 15.2

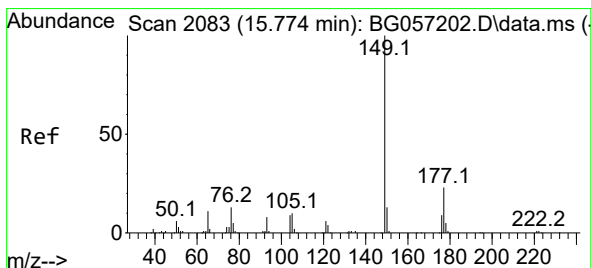
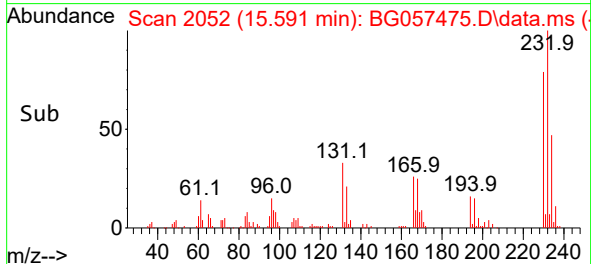
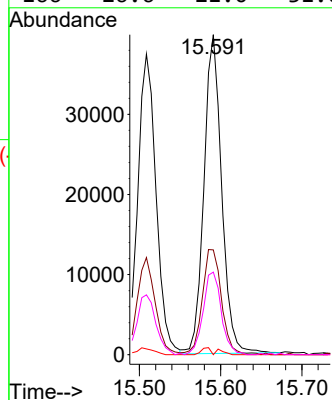
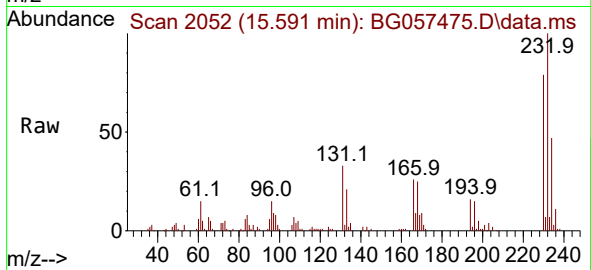




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.418 ng
RT: 15.591 min Scan# 2052
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

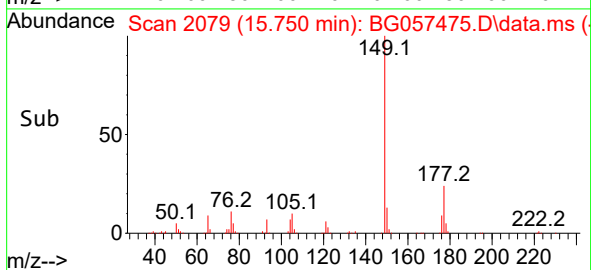
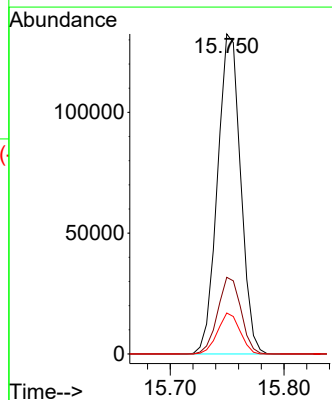
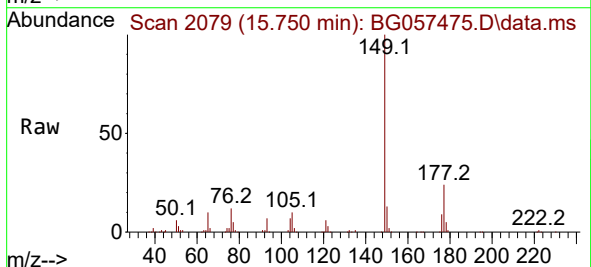
Instrument :
BNA_G
ClientSampleId :
TP5MS

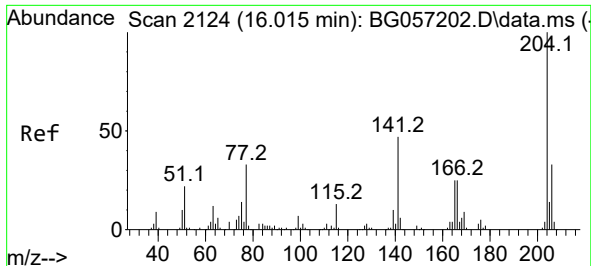
Tgt Ion:232 Resp: 60217
Ion Ratio Lower Upper
232 100
131 35.8 28.6 42.8
130 1.1 1.6 2.4#
166 26.6 21.0 31.6



#60
Diethylphthalate
Concen: 44.977 ng
RT: 15.750 min Scan# 2079
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:149 Resp: 186939
Ion Ratio Lower Upper
149 100
177 24.0 18.3 27.5
150 12.8 10.1 15.1

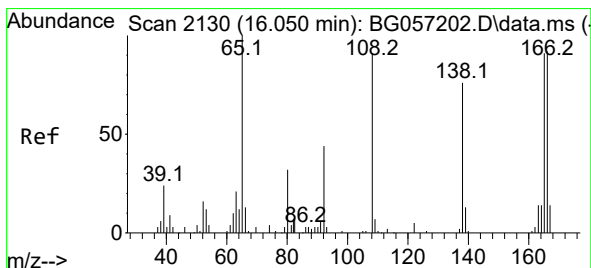
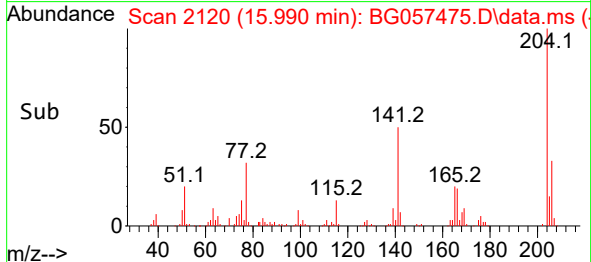
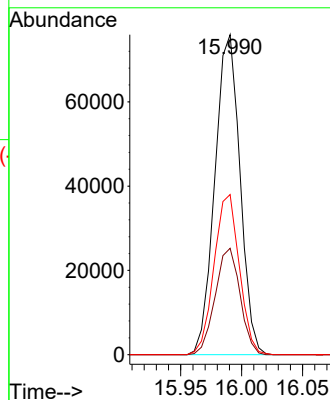
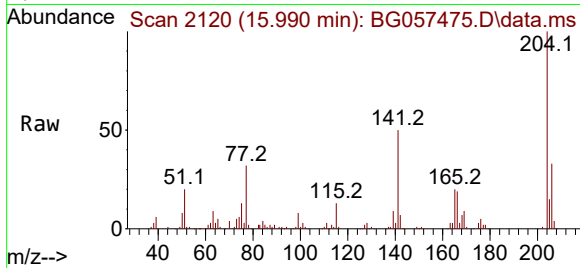




#61
4-Chlorophenyl-phenylether
Concen: 46.867 ng
RT: 15.990 min Scan# 2120
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

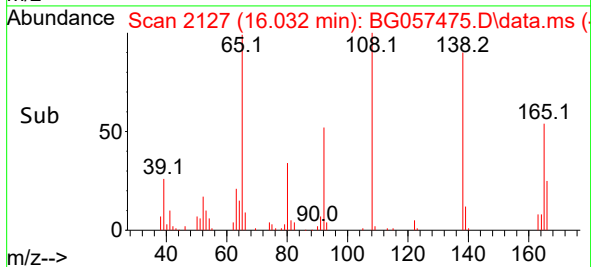
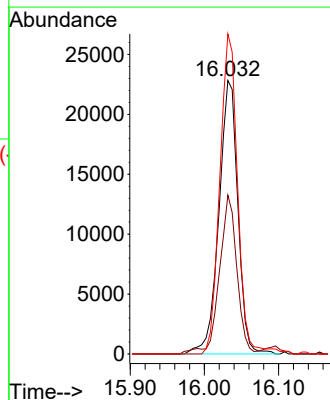
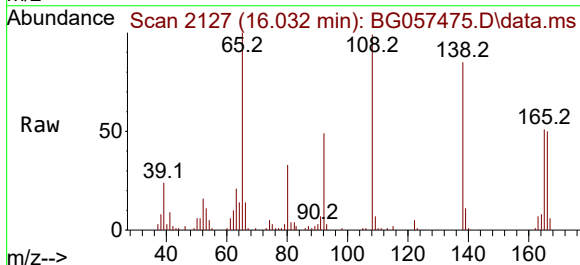
Instrument :
BNA_G
ClientSampleId :
TP5MS

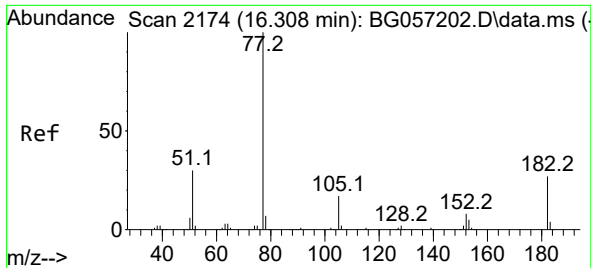
Tgt Ion:204 Resp: 109017
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 50.0 37.4 56.0



#62
4-Nitroaniline
Concen: 48.013 ng
RT: 16.032 min Scan# 2127
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:138 Resp: 40549
Ion Ratio Lower Upper
138 100
92 58.1 38.2 78.2
108 117.0 99.6 139.6

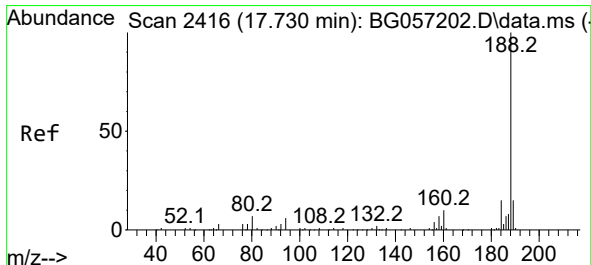
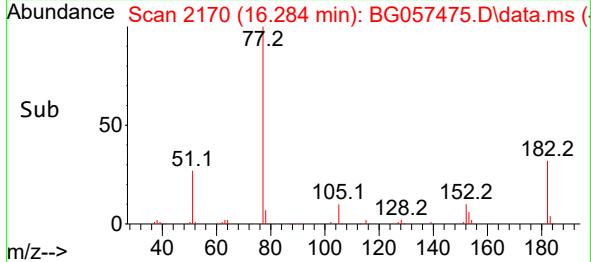
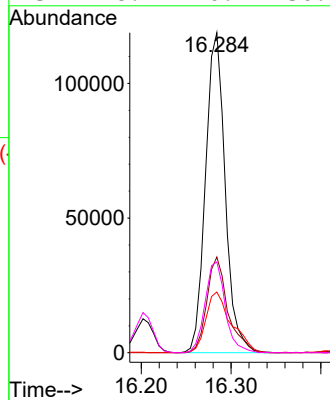
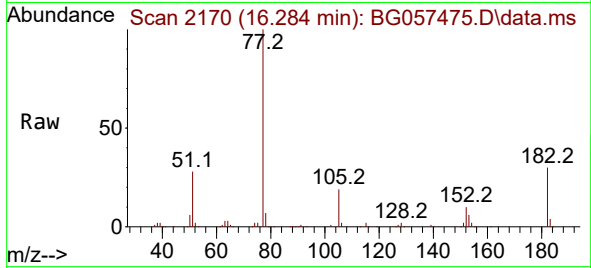




#63
Azobenzene
Concen: 45.045 ng
RT: 16.284 min Scan# 2174
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

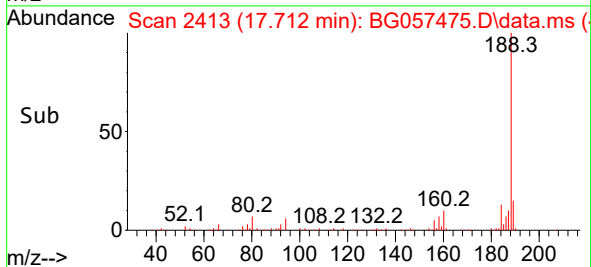
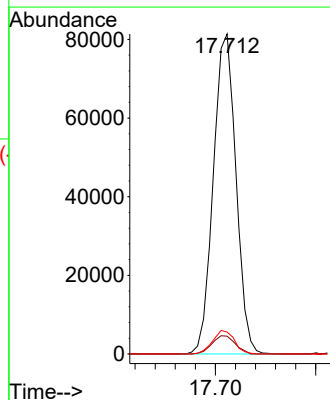
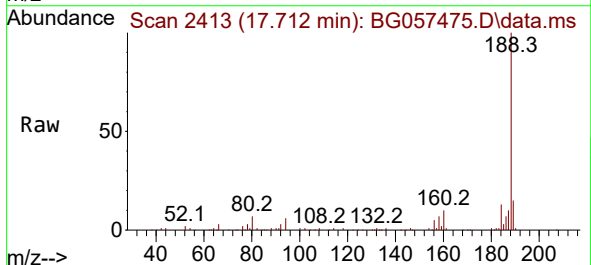
Instrument :
BNA_G
ClientSampleId :
TP5MS

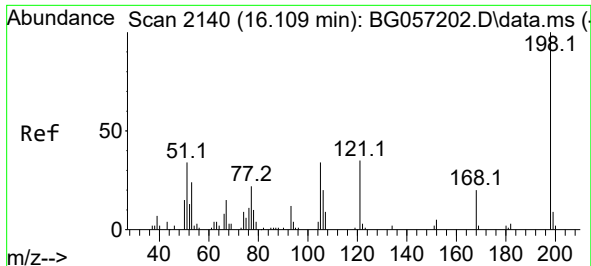
Tgt Ion: 77 Resp: 180644
Ion Ratio Lower Upper
77 100
182 29.9 7.4 47.4
105 19.0 0.0 37.2
51 28.4 10.1 50.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.712 min Scan# 2413
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:188 Resp: 127307
Ion Ratio Lower Upper
188 100
94 5.5 5.1 7.7
80 6.9 5.7 8.5

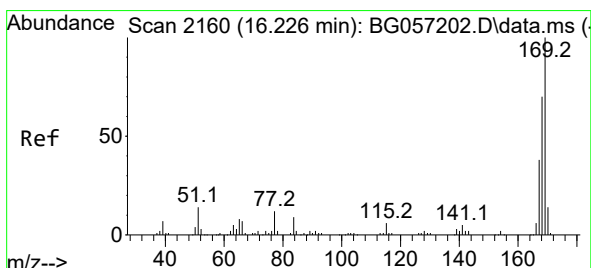
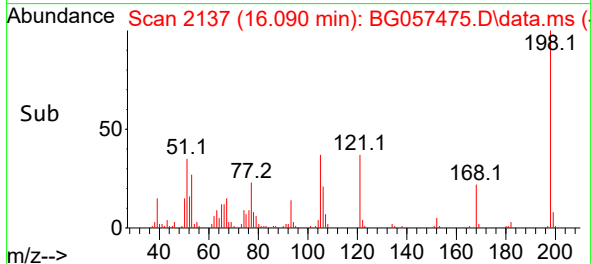
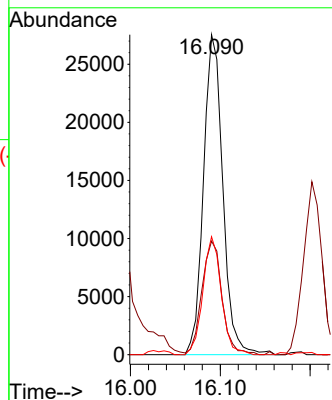
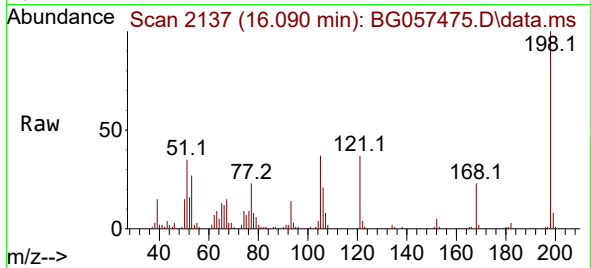




#65
4,6-Dinitro-2-methylphenol
Concen: 54.202 ng
RT: 16.090 min Scan# 2140
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

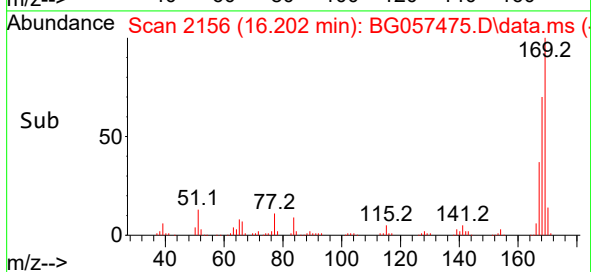
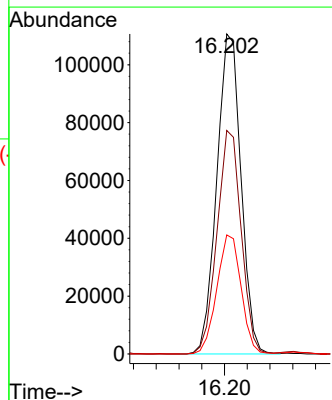
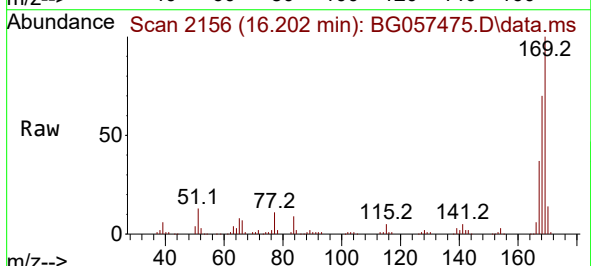
Instrument :
BNA_G
ClientSampleId :
TP5MS

Tgt Ion:198 Resp: 41197
Ion Ratio Lower Upper
198 100
51 35.5 16.1 56.1
105 36.9 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 47.317 ng
RT: 16.202 min Scan# 2156
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:169 Resp: 163606
Ion Ratio Lower Upper
169 100
168 69.9 56.2 84.4
167 37.2 30.2 45.4

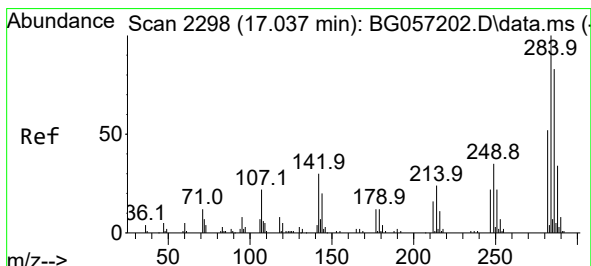
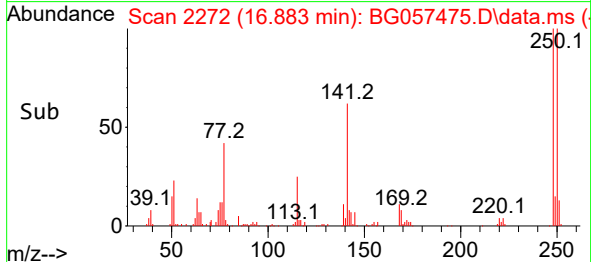
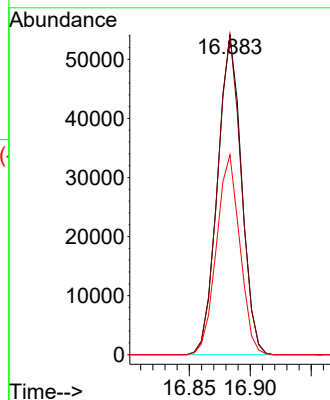
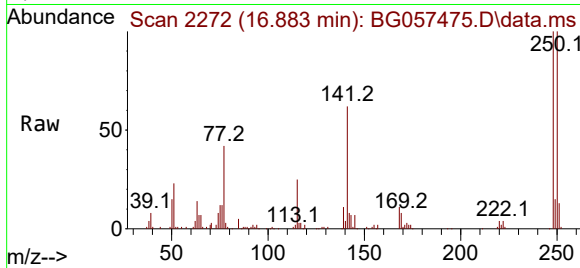




#67
4-Bromophenyl-phenylether
Concen: 47.574 ng
RT: 16.883 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

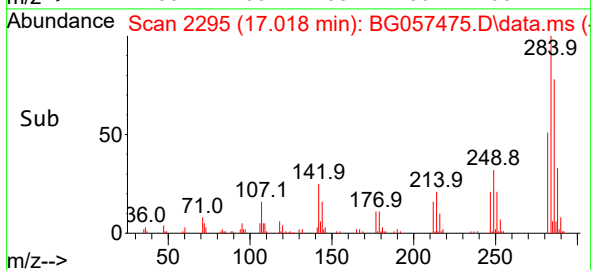
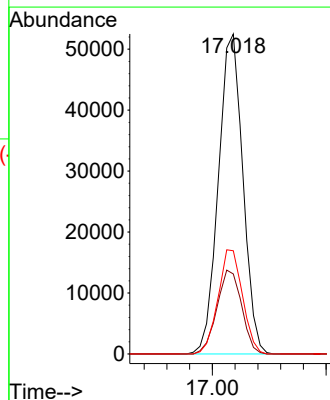
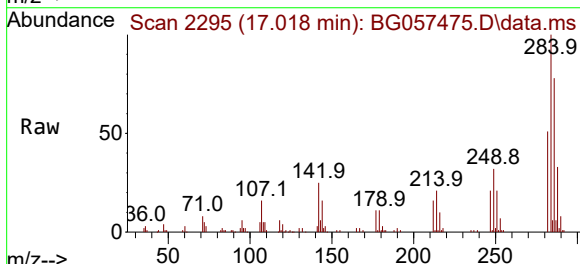
Instrument :
BNA_G
ClientSampleId :
TP5MS

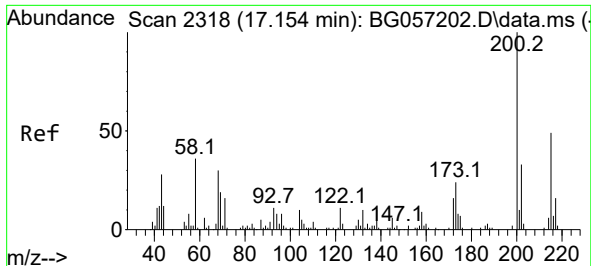
Tgt Ion:248 Resp: 73934
Ion Ratio Lower Upper
248 100
250 100.4 77.0 115.6
141 62.7 48.6 72.8



#68
Hexachlorobenzene
Concen: 51.934 ng
RT: 17.018 min Scan# 2295
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:284 Resp: 78433
Ion Ratio Lower Upper
284 100
142 25.0 23.9 35.9
249 32.3 27.7 41.5

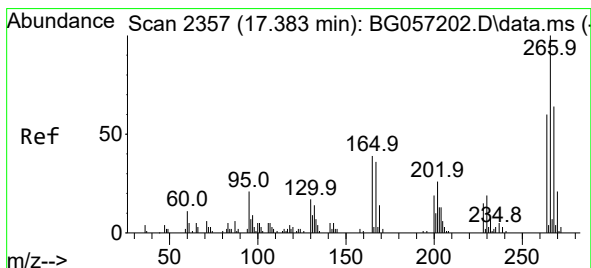
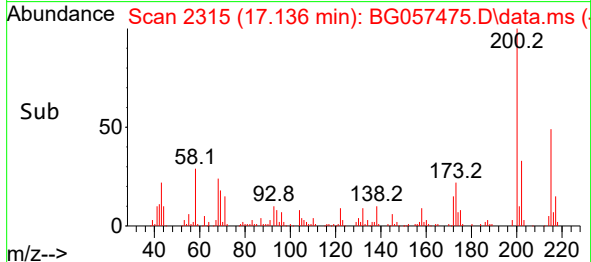
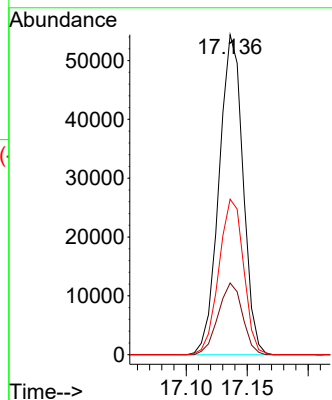
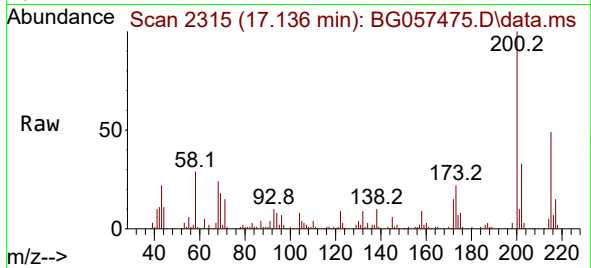




#69
 Atrazine
 Concen: 56.346 ng
 RT: 17.136 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057475.D
 Acq: 19 May 2023 20:14

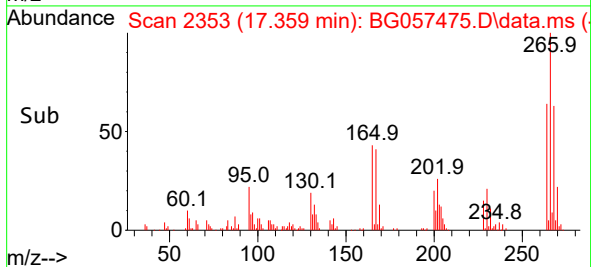
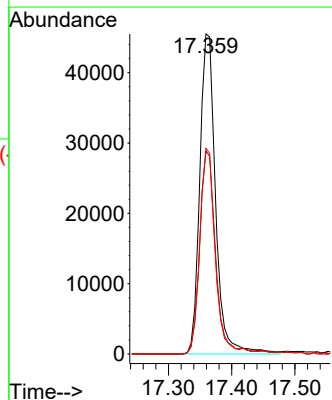
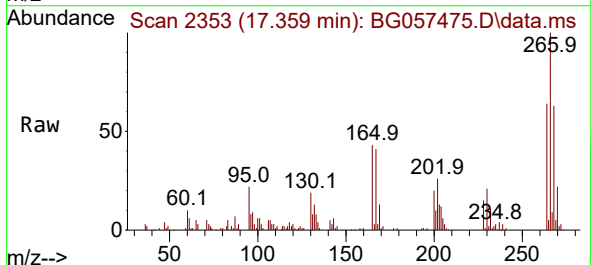
Instrument :
 BNA_G
 ClientSampleId :
 TP5MS

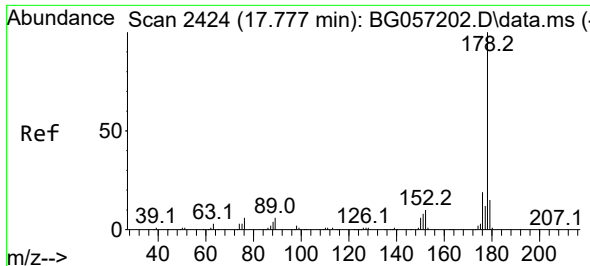
Tgt Ion:200 Resp: 74319
 Ion Ratio Lower Upper
 200 100
 173 22.4 4.3 44.3
 215 48.6 29.3 69.3



#70
 Pentachlorophenol
 Concen: 91.020 ng
 RT: 17.359 min Scan# 2353
 Delta R.T. -0.008 min
 Lab File: BG057475.D
 Acq: 19 May 2023 20:14

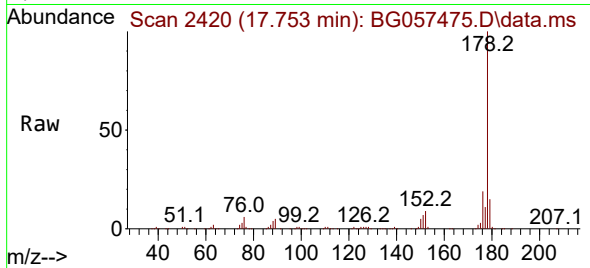
Tgt Ion:266 Resp: 79221
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.0 76.6
 264 64.2 47.8 71.6



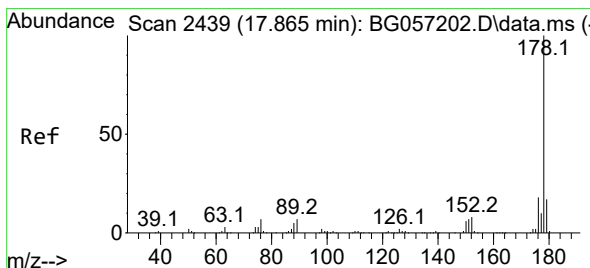
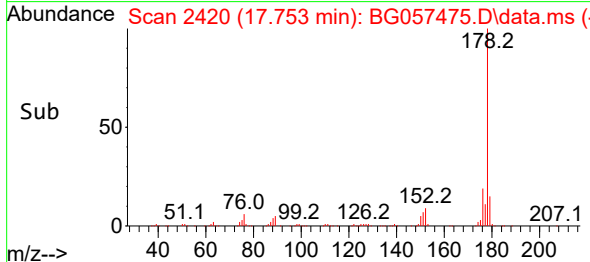
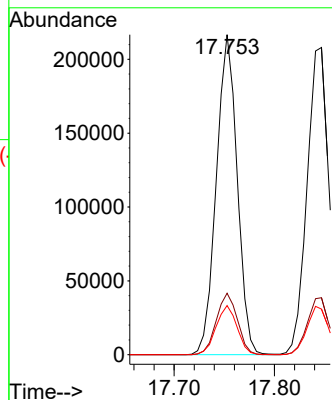


#71
 Phenanthrene
 Concen: 47.959 ng
 RT: 17.753 min Scan# 24
 Delta R.T. -0.002 min
 Lab File: BG057475.D
 Acq: 19 May 2023 20:14

Instrument :
 BNA_G
 ClientSampleId :
 TP5MS

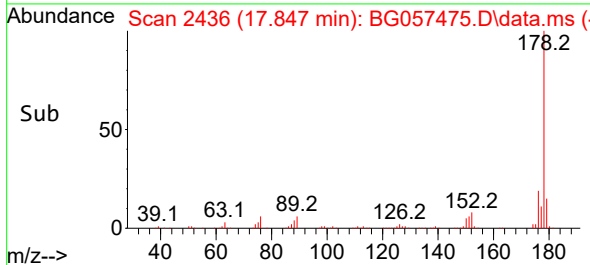
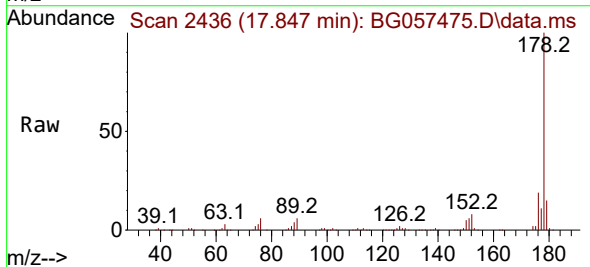
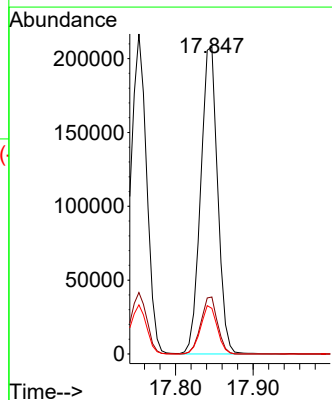


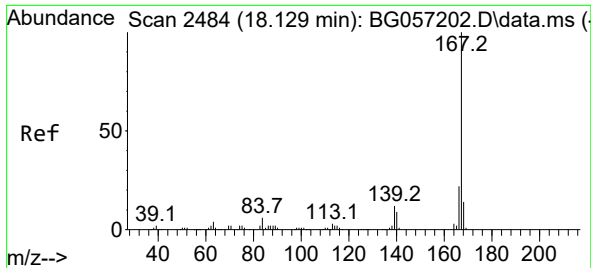
Tgt Ion:178 Resp: 312860
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.4 12.3 18.5



#72
 Anthracene
 Concen: 47.240 ng
 RT: 17.847 min Scan# 2436
 Delta R.T. -0.002 min
 Lab File: BG057475.D
 Acq: 19 May 2023 20:14

Tgt Ion:178 Resp: 316203
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.7 22.1
 179 14.9 13.2 19.8

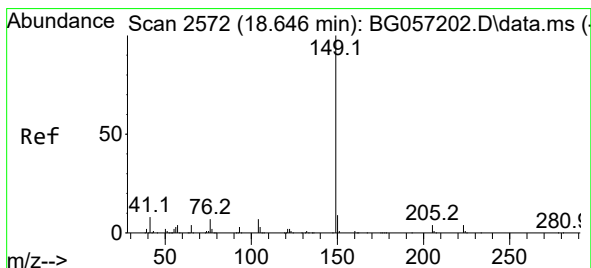
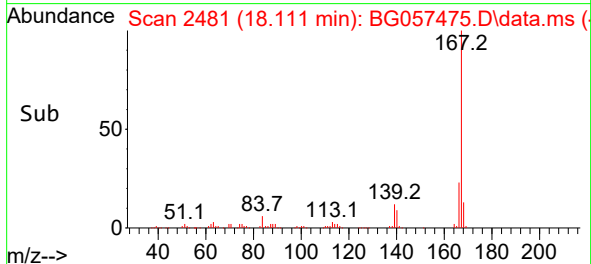
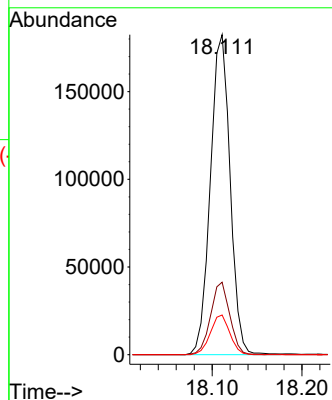
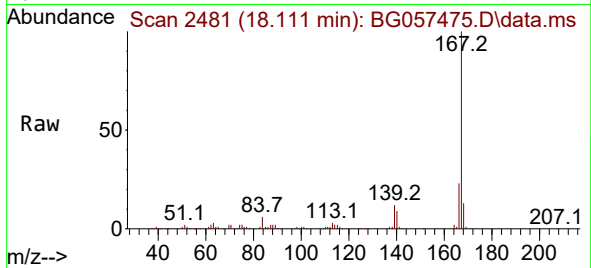




#73
Carbazole
Concen: 49.314 ng
RT: 18.111 min Scan# 2481
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

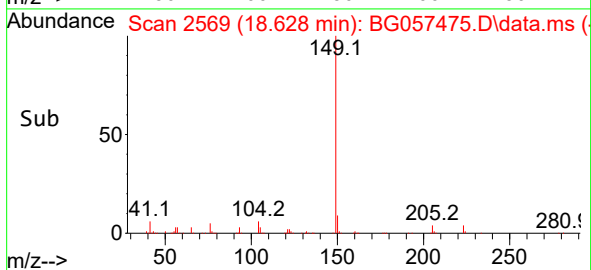
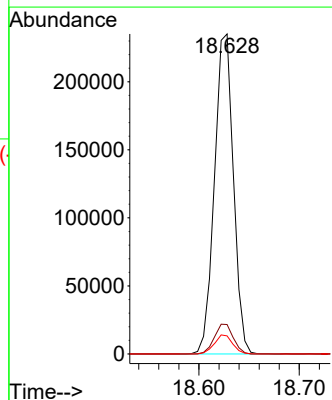
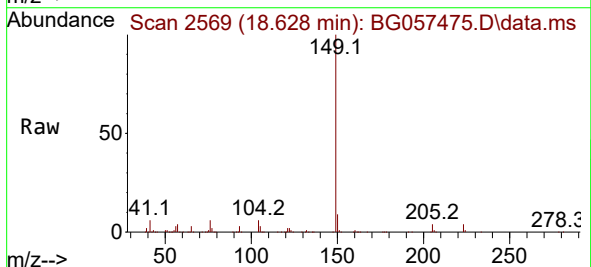
Instrument :
BNA_G
ClientSampleId :
TP5MS

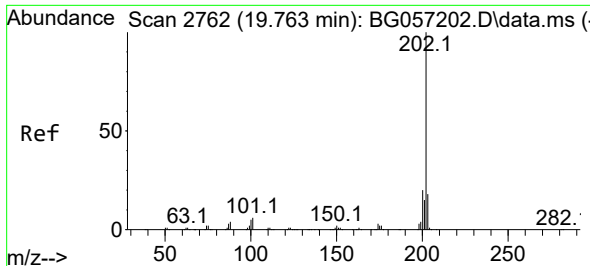
Tgt Ion:167 Resp: 277889
Ion Ratio Lower Upper
167 100
166 22.6 17.4 26.0
139 12.4 9.6 14.4



#74
Di-n-butylphthalate
Concen: 47.496 ng
RT: 18.628 min Scan# 2569
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:149 Resp: 307942
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 5.6 5.4 8.2

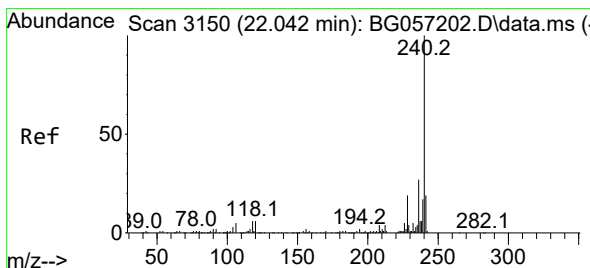
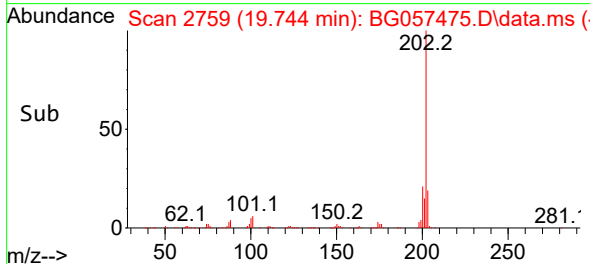
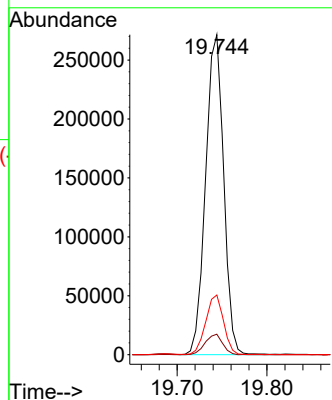
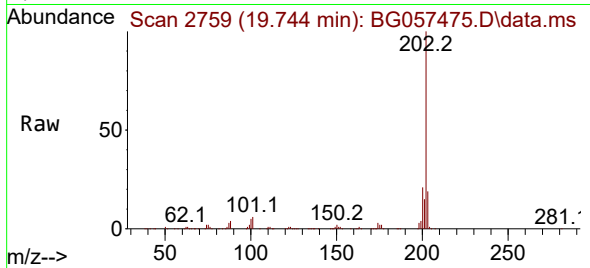




#75
Fluoranthene
Concen: 46.736 ng
RT: 19.744 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

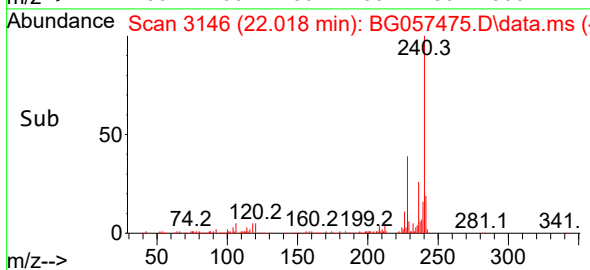
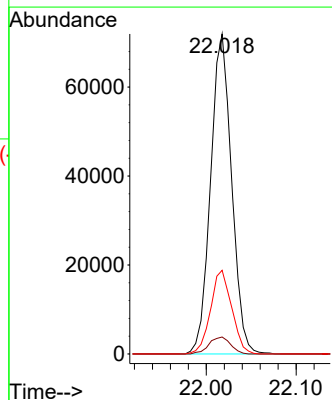
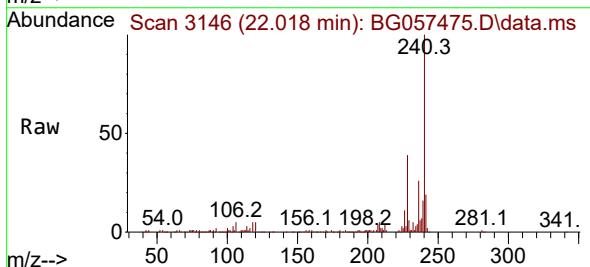
Instrument :
BNA_G
ClientSampleId :
TP5MS

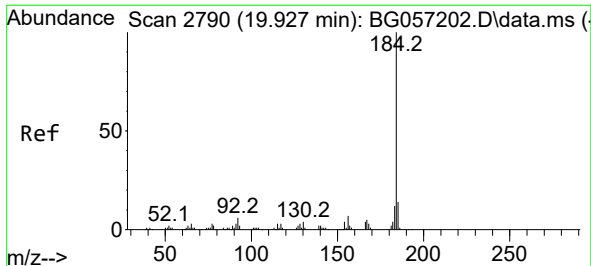
Tgt Ion:202 Resp: 379193
Ion Ratio Lower Upper
202 100
101 6.4 0.0 26.2
203 18.6 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.018 min Scan# 3146
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:240 Resp: 116820
Ion Ratio Lower Upper
240 100
120 5.3 4.9 7.3
236 26.2 21.4 32.2

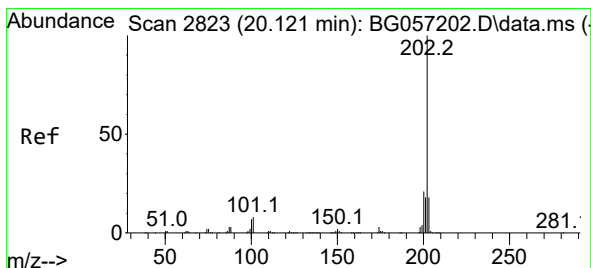
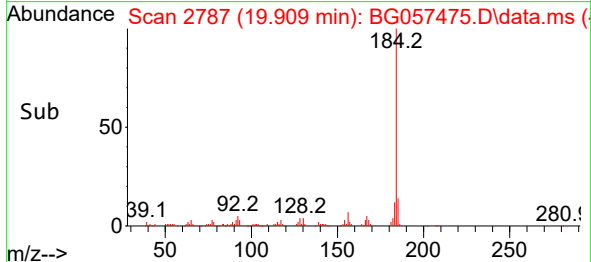
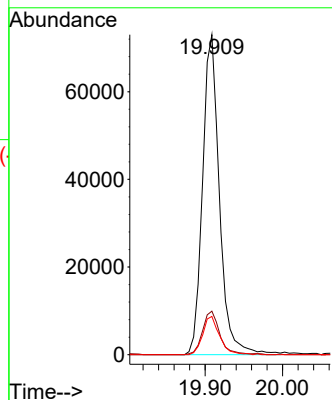
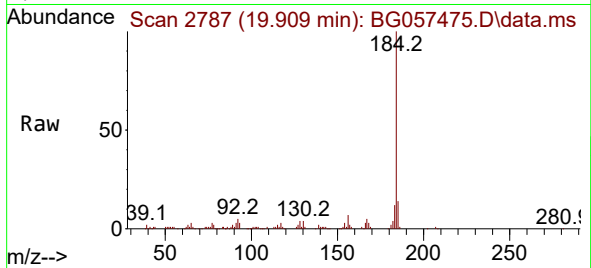




#77
Benzidine
Concen: 42.261 ng
RT: 19.909 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

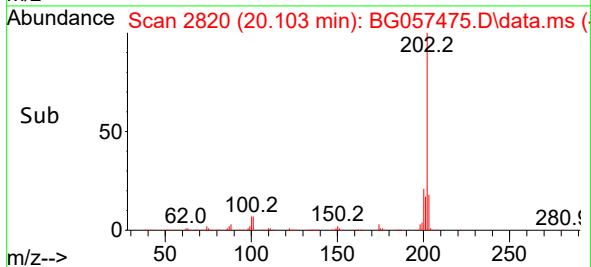
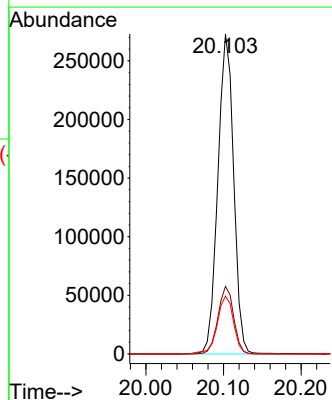
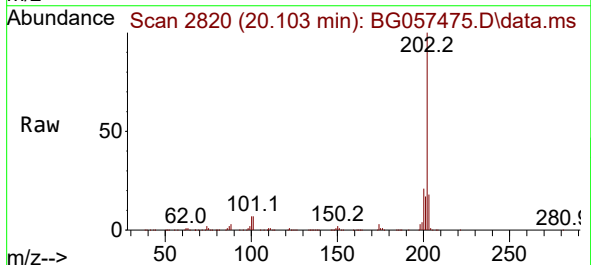
Instrument :
BNA_G
ClientSampleId :
TP5MS

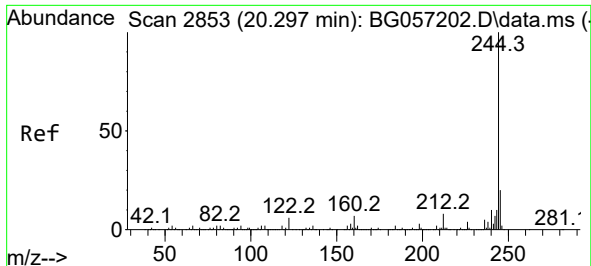
Tgt Ion:184 Resp: 110372
Ion Ratio Lower Upper
184 100
185 13.6 11.1 16.7
183 12.0 9.9 14.9



#78
Pyrene
Concen: 45.537 ng
RT: 20.103 min Scan# 2820
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:202 Resp: 386556
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 18.0 14.2 21.4

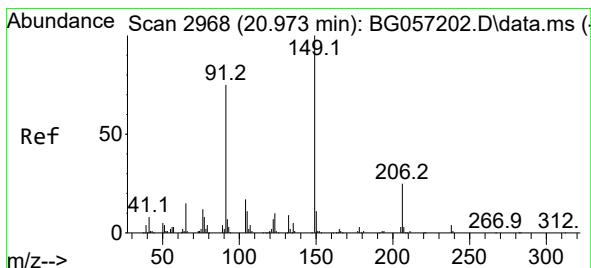
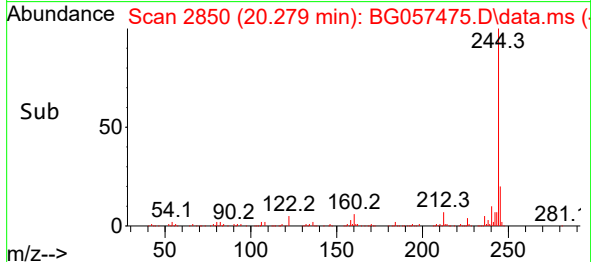
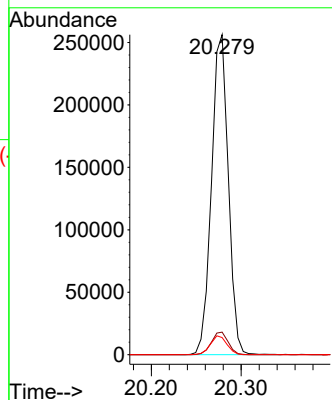
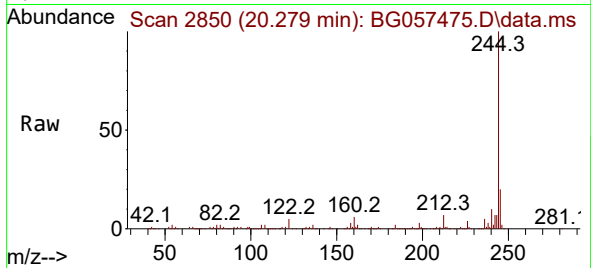




#79
 Terphenyl-d14
 Concen: 46.495 ng
 RT: 20.279 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057475.D
 Acq: 19 May 2023 20:14

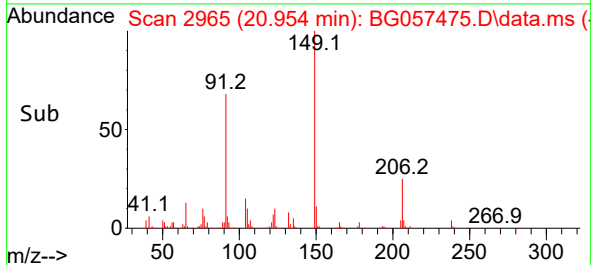
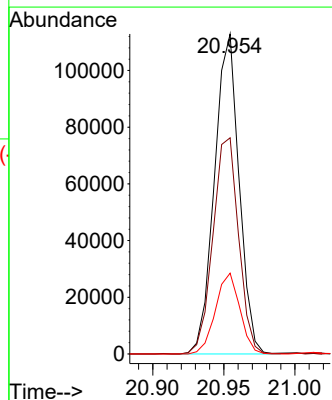
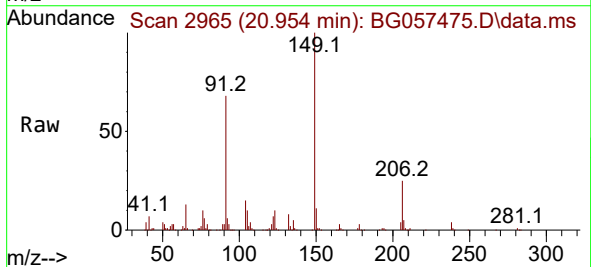
Instrument :
 BNA_G
 ClientSampleId :
 TP5MS

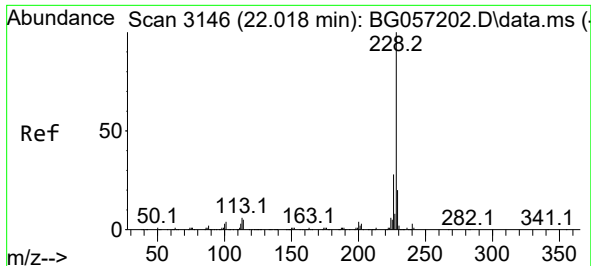
Tgt Ion:244 Resp: 332835
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 5.4 5.1 7.7



#80
 Butylbenzylphthalate
 Concen: 50.483 ng
 RT: 20.954 min Scan# 2965
 Delta R.T. -0.002 min
 Lab File: BG057475.D
 Acq: 19 May 2023 20:14

Tgt Ion:149 Resp: 135973
 Ion Ratio Lower Upper
 149 100
 91 67.5 59.7 89.5
 206 25.2 19.7 29.5

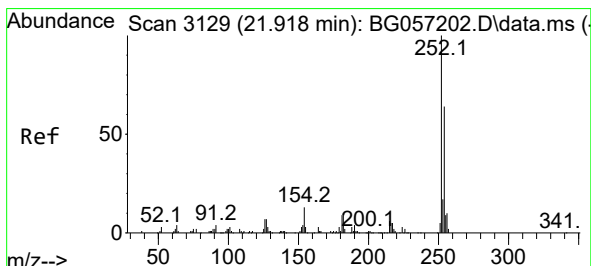
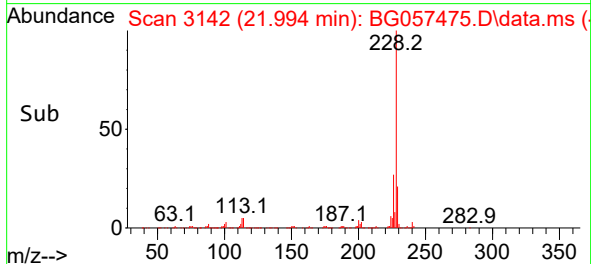
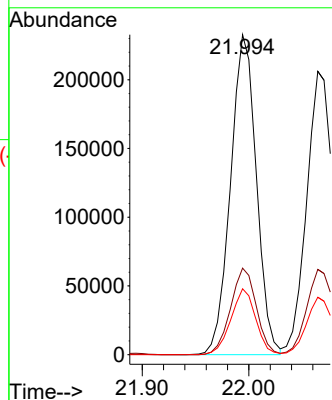
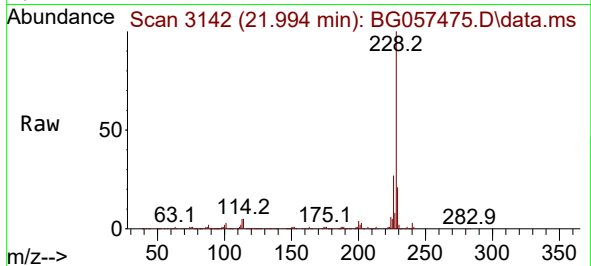




#81
Benzo(a)anthracene
Concen: 47.178 ng
RT: 21.994 min Scan# 3146
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

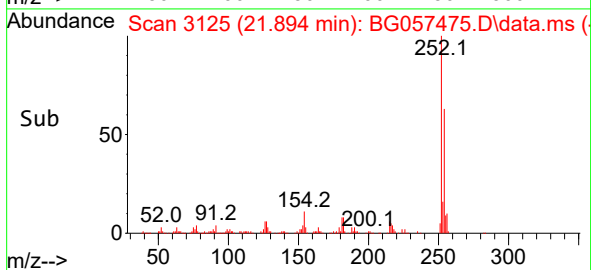
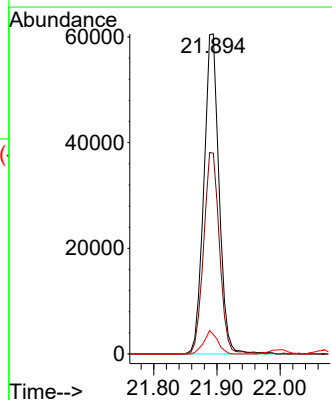
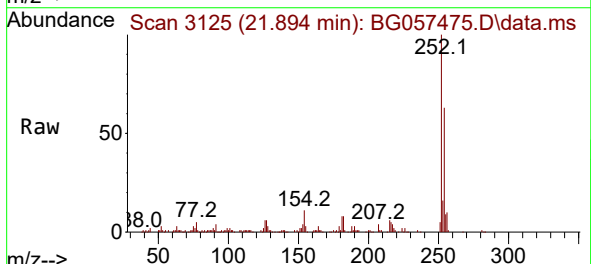
Instrument :
BNA_G
ClientSampleId :
TP5MS

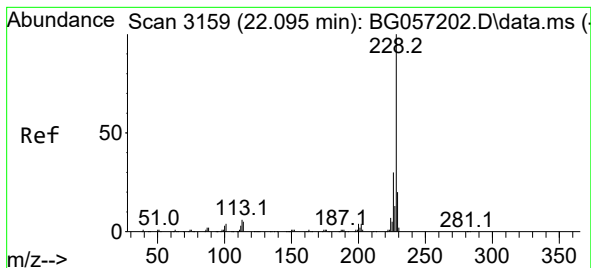
Tgt Ion:228 Resp: 392660
Ion Ratio Lower Upper
228 100
226 27.1 22.0 33.0
229 20.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 37.885 ng
RT: 21.894 min Scan# 3125
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:252 Resp: 100999
Ion Ratio Lower Upper
252 100
254 62.8 51.4 77.0
126 6.0 5.9 8.9





#83

Chrysene

Concen: 45.508 ng

RT: 22.065 min Scan# 3116

Delta R.T. -0.008 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

TP5MS

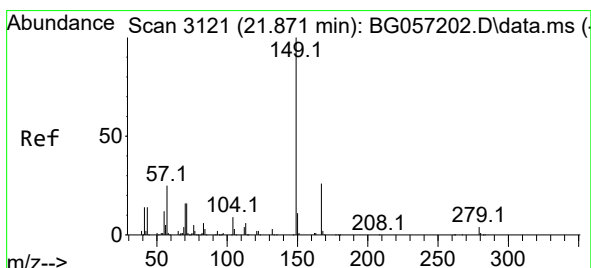
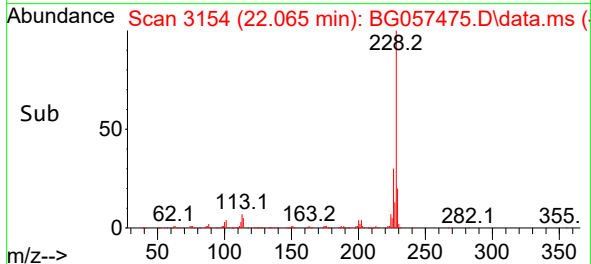
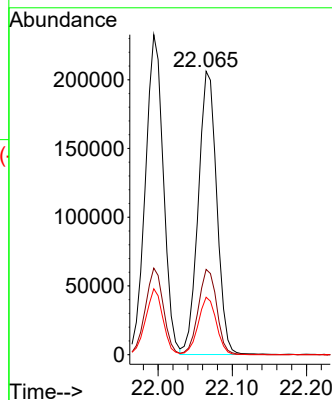
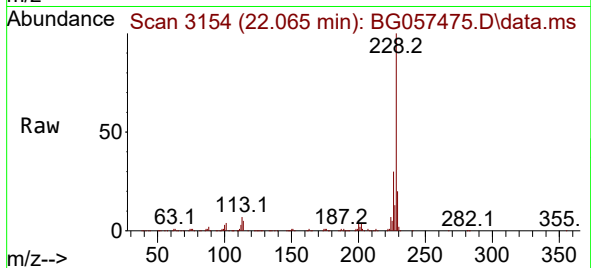
Tgt Ion:228 Resp: 356376

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 20.3 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.005 ng

RT: 21.841 min Scan# 3116

Delta R.T. -0.002 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

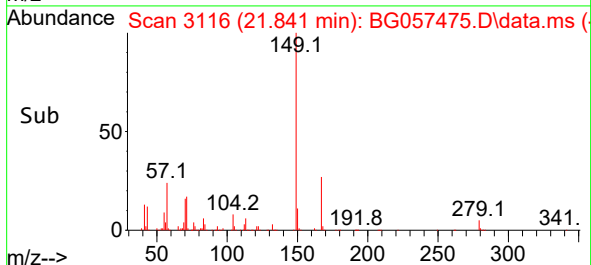
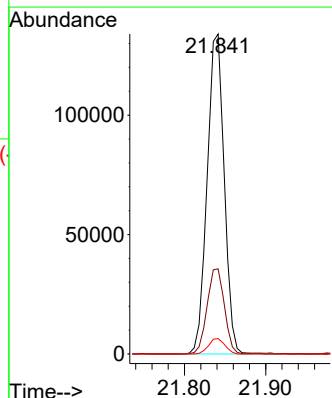
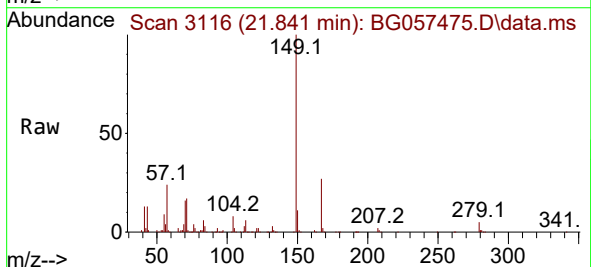
Tgt Ion:149 Resp: 195289

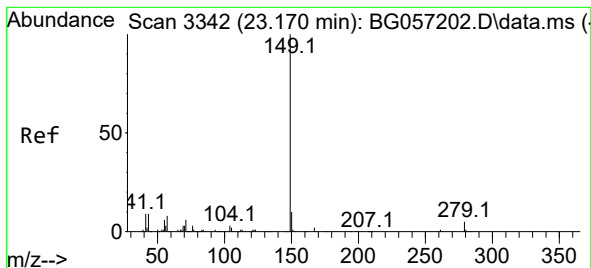
Ion Ratio Lower Upper

149 100

167 26.6 21.2 31.8

279 4.8 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 49.955 ng

RT: 23.128 min Scan# 331

Delta R.T. -0.008 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

TP5MS

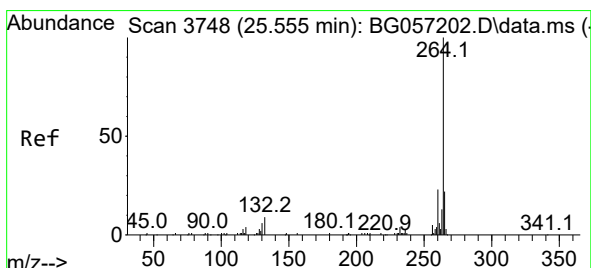
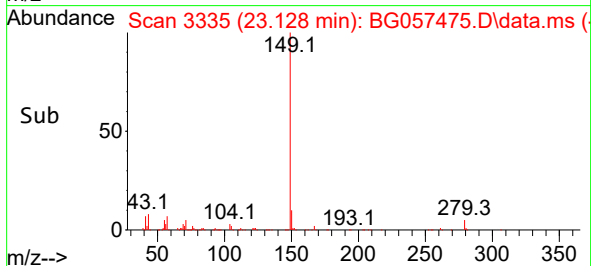
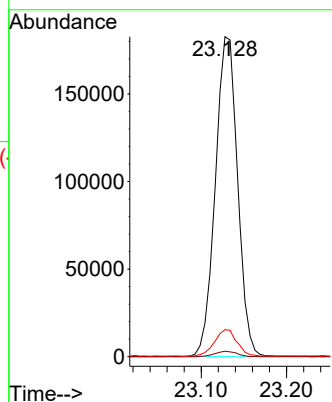
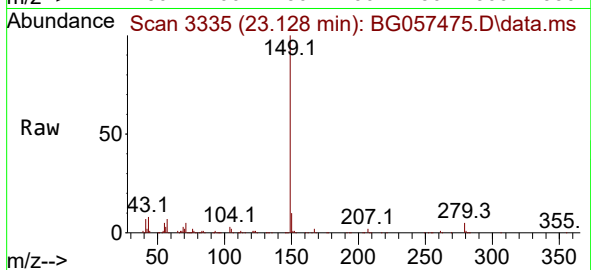
Tgt Ion:149 Resp: 331888

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.3 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.507 min Scan# 3740

Delta R.T. -0.008 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

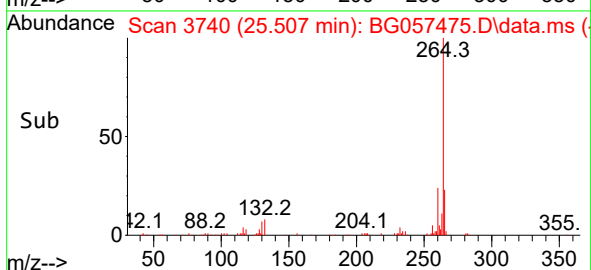
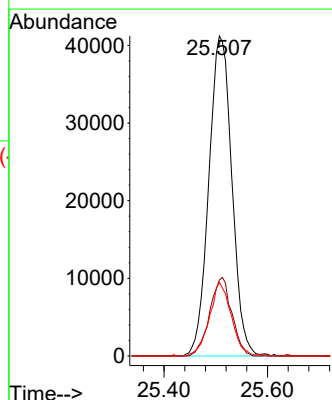
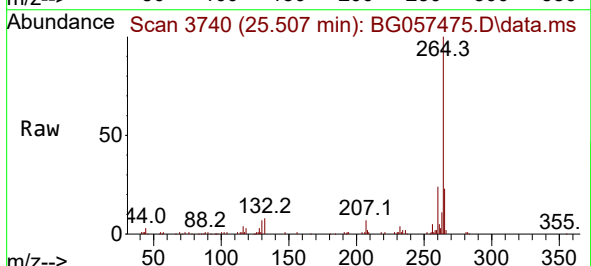
Tgt Ion:264 Resp: 127382

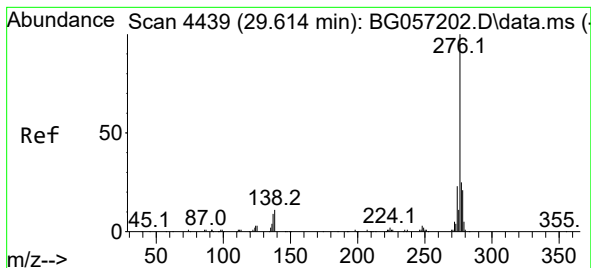
Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 23.0 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.856 ng

RT: 29.554 min Scan# 44283

Delta R.T. -0.008 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

TP5MS

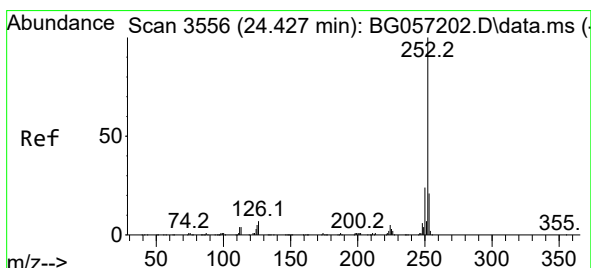
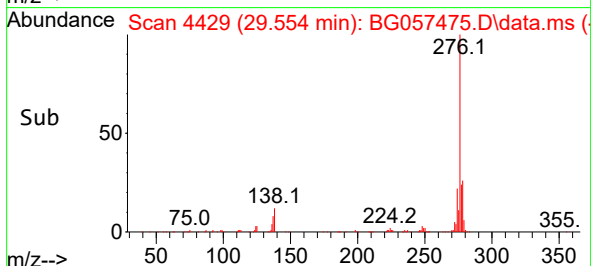
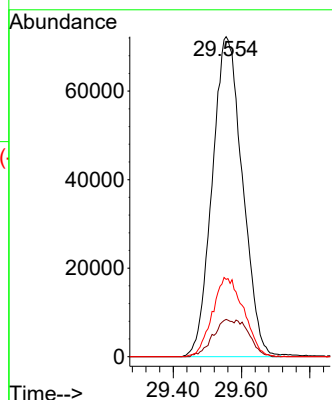
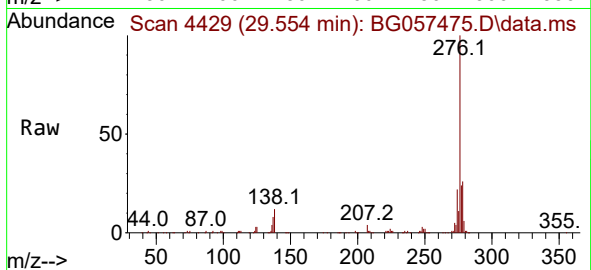
Tgt Ion:276 Resp: 444283

Ion Ratio Lower Upper

276 100

138 8.0 5.4 8.0

277 25.7 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 47.801 ng

RT: 24.391 min Scan# 3550

Delta R.T. -0.002 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

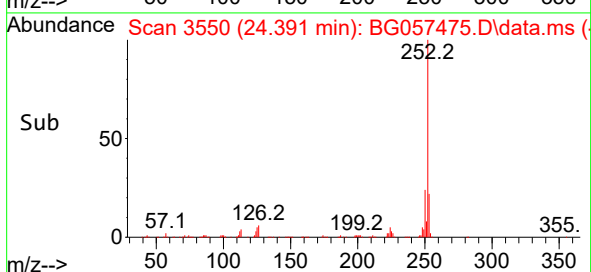
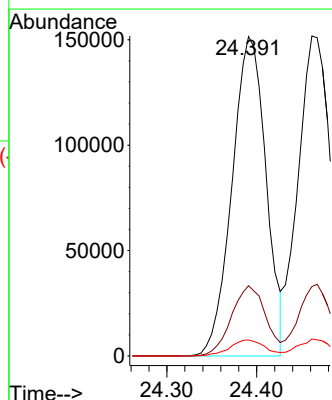
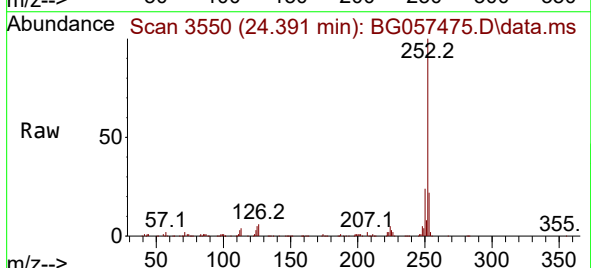
Tgt Ion:252 Resp: 398032

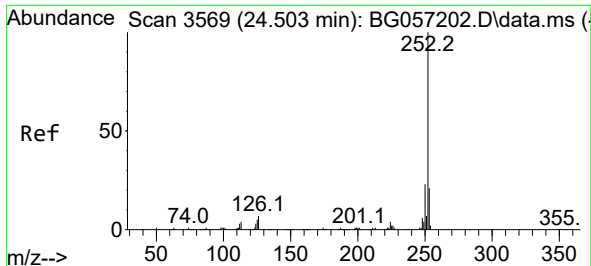
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 5.0 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 46.218 ng

RT: 24.461 min Scan# 3

Delta R.T. -0.008 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

TP5MS

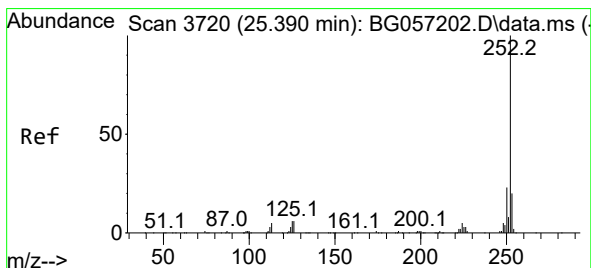
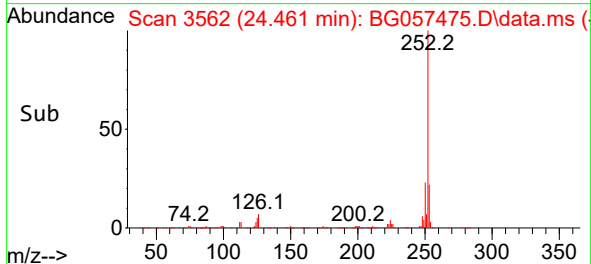
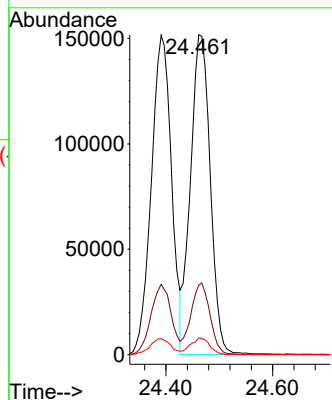
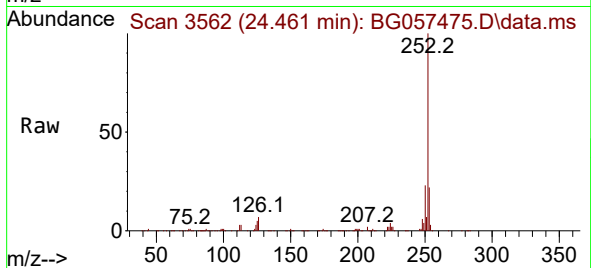
Tgt Ion:252 Resp: 391080

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 5.3 4.1 6.1



#90

Benzo(a)pyrene

Concen: 43.368 ng

RT: 25.348 min Scan# 3713

Delta R.T. -0.008 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

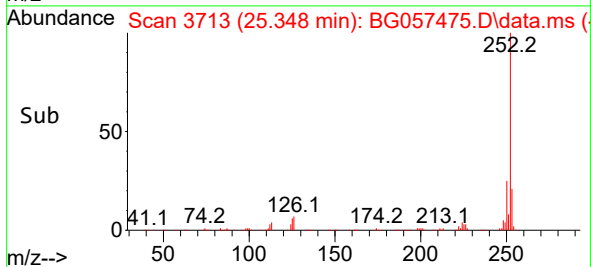
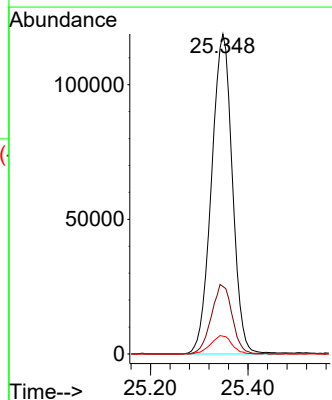
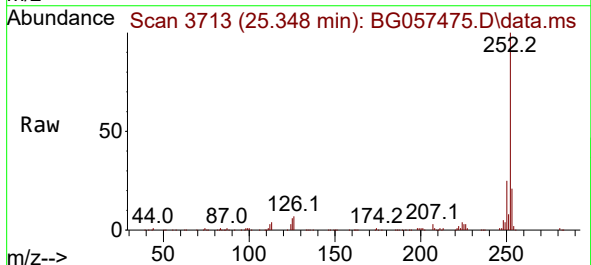
Tgt Ion:252 Resp: 352800

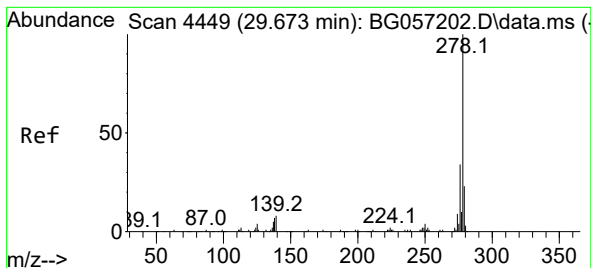
Ion Ratio Lower Upper

252 100

253 21.1 16.3 24.5

125 5.5 5.0 7.4





#91

Dibenzo(a,h)anthracene

Concen: 48.084 ng

RT: 29.613 min Scan# 4439

Delta R.T. 0.004 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

TP5MS

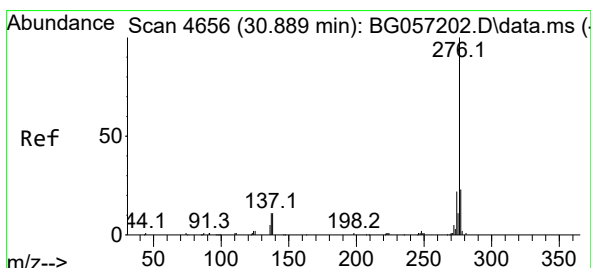
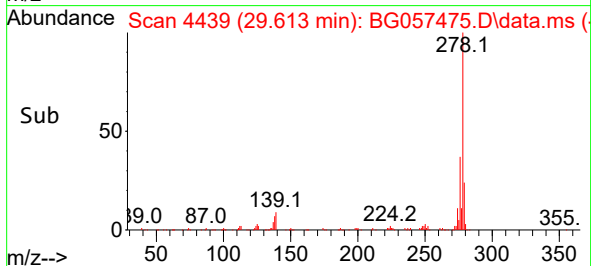
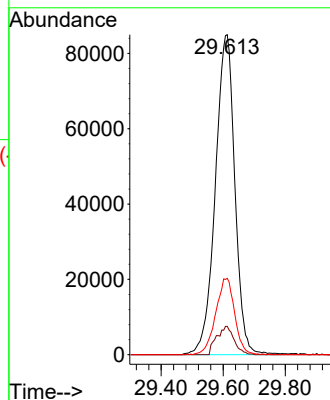
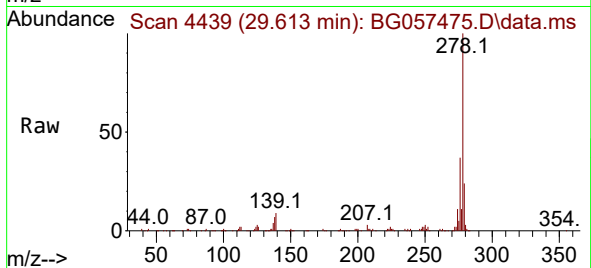
Tgt Ion:278 Resp: 371763

Ion Ratio Lower Upper

278 100

139 8.8 6.2 9.2

279 23.8 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 47.201 ng

RT: 30.817 min Scan# 4644

Delta R.T. -0.020 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

Tgt Ion:276 Resp: 356326

Ion Ratio Lower Upper

276 100

277 22.9 18.4 27.6

138 11.1 9.0 13.4

