

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042023\
 Data File : BG057144.D
 Acq On : 20 Apr 2023 13:36
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Quant Time: Apr 21 05:02:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 04:59:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.391	152	13969	20.000	ng	0.00
21) Naphthalene-d8	11.228	136	41429	20.000	ng	# 0.00
39) Acenaphthene-d10	15.006	164	41173	20.000	ng	0.00
64) Phenanthrene-d10	17.743	188	95025	20.000	ng	0.00
76) Chrysene-d12	22.055	240	82446	20.000	ng	0.00
86) Perylene-d12	25.574	264	87126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.900	112	25986	33.317	ng	0.00
7) Phenol-d6	7.522	99	43586	35.450	ng	0.00
23) Nitrobenzene-d5	9.572	82	55160	60.831	ng	0.00
42) 2,4,6-Tribromophenol	16.480	330	26221	36.659	ng	-0.01
45) 2-Fluorobiphenyl	13.631	172	124463	40.078	ng	0.00
79) Terphenyl-d14	20.304	244	213937	40.164	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.703	88	6308	15.123	ng	99
3) Pyridine	4.132	79	15627	15.257	ng	96
4) n-Nitrosodimethylamine	4.038	42	7498	13.437	ng	# 68
6) Aniline	7.698	93	28040	18.452	ng	96
8) 2-Chlorophenol	7.950	128	15045	17.939	ng	97
9) Benzaldehyde	7.516	77	13927	19.603	ng	95
10) Phenol	7.551	94	21055	17.853	ng	92
11) bis(2-Chloroethyl)ether	7.792	93	15832	19.078	ng	90
12) 1,3-Dichlorobenzene	8.279	146	19990	20.974	ng	96
13) 1,4-Dichlorobenzene	8.426	146	20149	20.592	ng	95
14) 1,2-Dichlorobenzene	8.755	146	19504	20.582	ng	96
15) Benzyl Alcohol	8.620	79	21087	20.743	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.902	45	26582	25.904	ng	91
17) 2-Methylphenol	8.826	107	19677	21.372	ng	# 90
18) Hexachloroethane	9.495	117	7268	21.136	ng	86
19) n-Nitroso-di-n-propyla...	9.190	70	19522	21.722	ng	# 92
20) 3+4-Methylphenols	9.155	107	26759	21.718	ng	97
22) Acetophenone	9.219	105	33159	30.212	ng	# 96
24) Nitrobenzene	9.613	77	27610	28.567	ng	99
25) Isophorone	10.130	82	50093	28.473	ng	# 97
26) 2-Nitrophenol	10.330	139	11109	28.295	ng	92
27) 2,4-Dimethylphenol	10.371	122	19003	28.604	ng	94
28) bis(2-Chloroethoxy)met...	10.606	93	26698	29.020	ng	93
29) 2,4-Dichlorophenol	10.870	162	20268	27.315	ng	95
30) 1,2,4-Trichlorobenzene	11.087	180	16862	21.118	ng	98
31) Naphthalene	11.281	128	45596	20.557	ng	97
32) Benzoic acid	10.476	122	7932	23.214	ng	94
33) 4-Chloroaniline	11.381	127	20494	20.462	ng	# 93
34) Hexachlorobutadiene	11.557	225	11423	19.578	ng	93
35) Caprolactam	12.127	113	5758	24.270	ng	95
36) 4-Chloro-3-methylphenol	12.468	107	15331	20.034	ng	98
37) 2-Methylnaphthalene	12.861	142	33990	19.385	ng	93
38) 1-Methylnaphthalene	12.861	142	33990	20.240	ng	94
40) 1,2,4,5-Tetrachloroben...	13.220	216	25487	17.896	ng	98
41) Hexachlorocyclopentadiene	13.190	237	10560	15.598	ng	91
43) 2,4,6-Trichlorophenol	13.455	196	17738	20.084	ng	96

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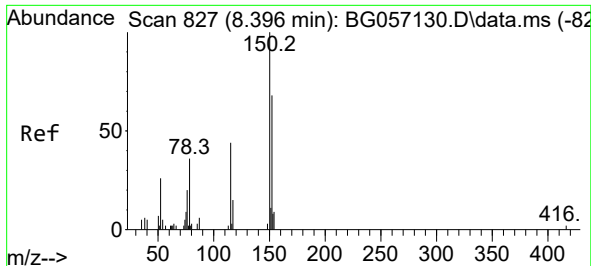
Quant Time: Apr 21 05:02:52 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.525	196	21151	20.100	ng	90
46) 1,1'-Biphenyl	13.842	154	64709	20.896	ng	99
47) 2-Chloronaphthalene	13.895	162	47017	20.311	ng	99
48) 2-Nitroaniline	14.083	65	16489	21.165	ng	96
49) Acenaphthylene	14.729	152	76737	20.593	ng	99
50) Dimethylphthalate	14.436	163	66070	20.426	ng	# 99
51) 2,6-Dinitrotoluene	14.565	165	14287	20.281	ng	97
52) Acenaphthene	15.070	154	48105	20.700	ng	99
53) 3-Nitroaniline	14.900	138	14191	20.807	ng	# 90
54) 2,4-Dinitrophenol	15.111	184	7184	18.616	ng	90
55) Dibenzofuran	15.399	168	78703	20.268	ng	98
56) 4-Nitrophenol	15.194	139	9303	20.202	ng	91
57) 2,4-Dinitrotoluene	15.352	165	19296	19.324	ng	97
58) Fluorene	16.045	166	64663	19.421	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.622	232	16694	18.448	ng	99
60) Diethylphthalate	15.781	149	66682	19.822	ng	98
61) 4-Chlorophenyl-phenyle...	16.022	204	36864	18.771	ng	95
62) 4-Nitroaniline	16.057	138	15398	19.456	ng	100
63) Azobenzene	16.316	77	67774	20.123	ng	97
65) 4,6-Dinitro-2-methylph...	16.116	198	12046	20.493	ng	97
66) n-Nitrosodiphenylamine	16.233	169	56020	21.015	ng	98
67) 4-Bromophenyl-phenylether	16.915	248	23799	20.143	ng	91
68) Hexachlorobenzene	17.044	284	24874	20.184	ng	95
69) Atrazine	17.167	200	20816	20.367	ng	99
70) Pentachlorophenol	17.391	266	12418	18.409	ng	97
71) Phenanthrene	17.784	178	102868	20.887	ng	98
72) Anthracene	17.872	178	104707	20.689	ng	99
73) Carbazole	18.137	167	90515	21.220	ng	97
74) Di-n-butylphthalate	18.659	149	108065	21.447	ng	98
75) Fluoranthene	19.770	202	120810	20.081	ng	99
77) Benzidine	19.934	184	44467	21.143	ng	98
78) Pyrene	20.128	202	123377	20.766	ng	98
80) Butylbenzylphthalate	20.986	149	46183	21.555	ng	99
81) Benzo(a)anthracene	22.031	228	120507	20.575	ng	98
82) 3,3'-Dichlorobenzidine	21.926	252	41417	20.509	ng	# 97
83) Chrysene	22.102	228	114332	20.713	ng	98
84) Bis(2-ethylhexyl)phtha...	21.879	149	65767	21.462	ng	95
85) Di-n-octyl phthalate	23.183	149	107974	21.407	ng	99
87) Indeno(1,2,3-cd)pyrene	29.633	276	96015	15.118	ng	# 56
88) Benzo(b)fluoranthene	24.440	252	115022	20.330	ng	98
89) Benzo(k)fluoranthene	24.516	252	120350	21.254	ng	98
90) Benzo(a)pyrene	25.403	252	113333	20.873	ng	97
91) Dibenzo(a,h)anthracene	29.697	278	80232	15.221	ng	# 94
92) Benzo(g,h,i)perylene	30.913	276	78383	15.362	ng	96

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

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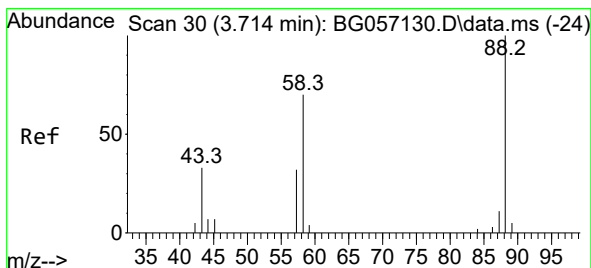
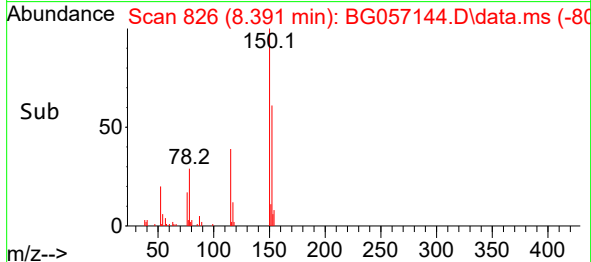
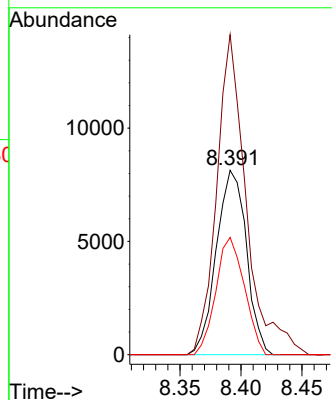
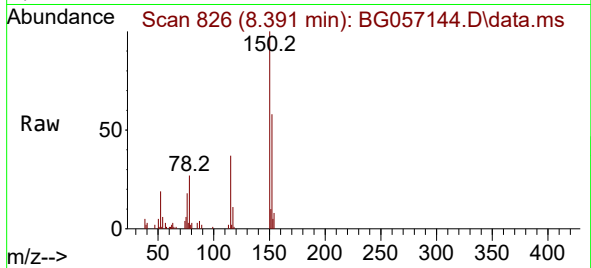




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.391 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

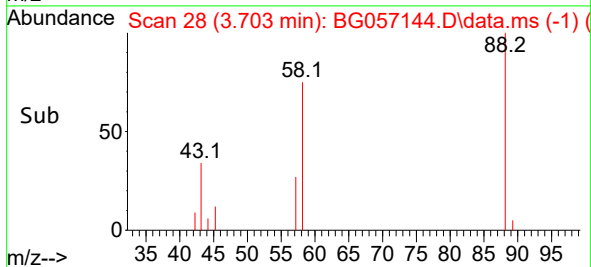
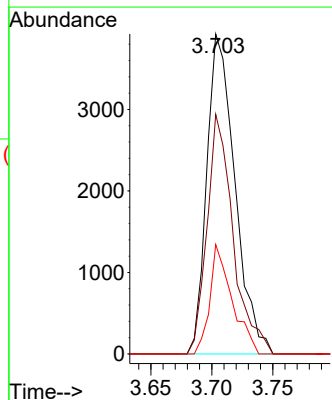
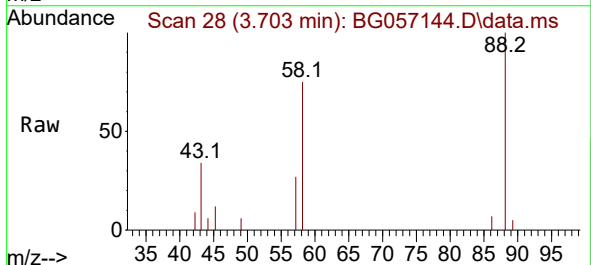
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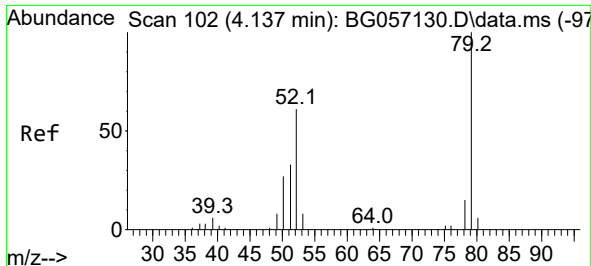
Tgt Ion:152 Resp: 13969
Ion Ratio Lower Upper
152 100
150 173.6 135.4 203.2
115 63.6 52.8 79.2



#2
1,4-Dioxane
Concen: 15.123 ng
RT: 3.703 min Scan# 28
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion: 88 Resp: 6308
Ion Ratio Lower Upper
88 100
58 69.4 55.5 83.3
43 26.9 22.6 34.0

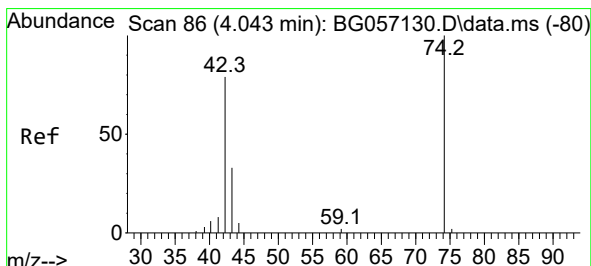
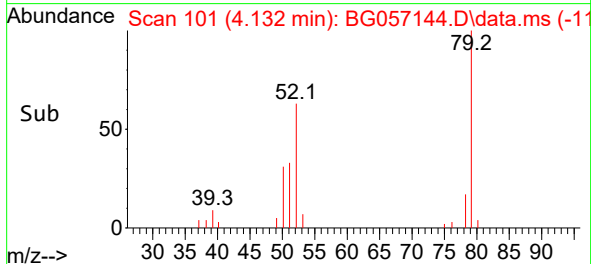
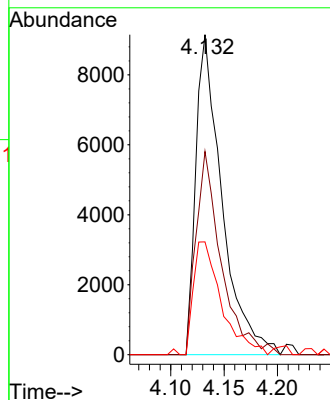
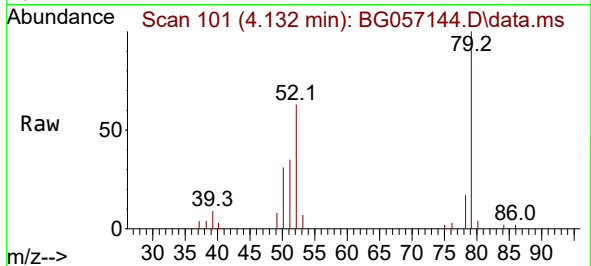




#3
Pyridine
Concen: 15.257 ng
RT: 4.132 min Scan# 10
Delta R.T. 0.001 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

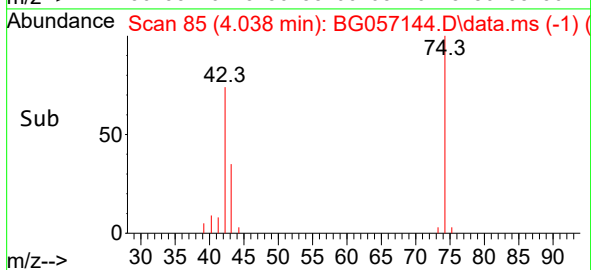
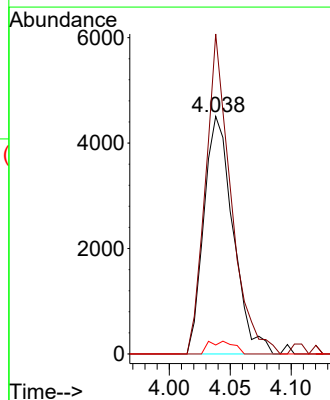
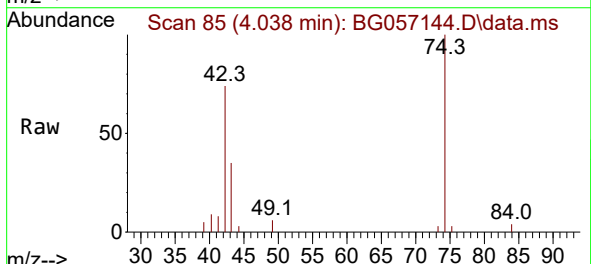
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ClientSampleId :
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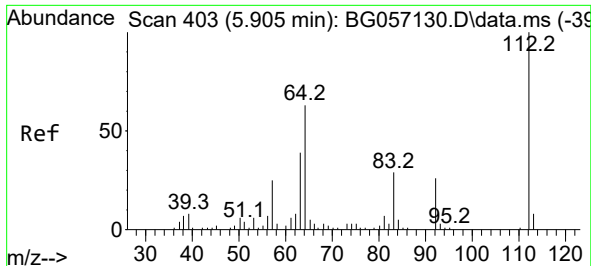
Tgt Ion: 79 Resp: 15627
Ion Ratio Lower Upper
79 100
52 63.5 47.7 71.5
51 35.2 29.8 44.6



#4
n-Nitrosodimethylamine
Concen: 13.437 ng
RT: 4.038 min Scan# 85
Delta R.T. 0.001 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion: 42 Resp: 7498
Ion Ratio Lower Upper
42 100
74 134.7 80.6 120.8#
44 3.8 3.9 5.9#

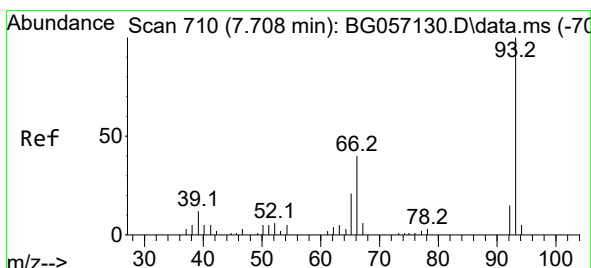
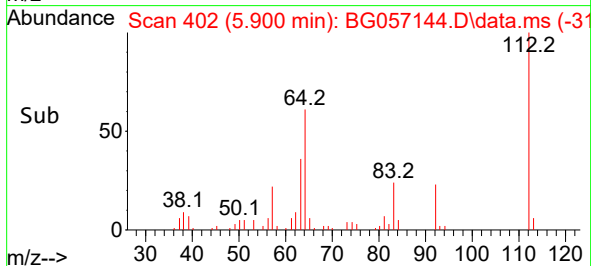
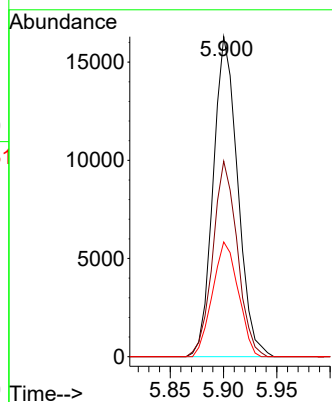
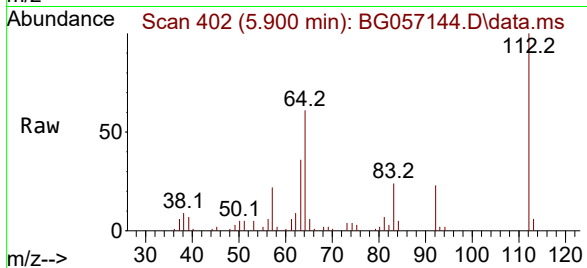




#5
2-Fluorophenol
Concen: 33.317 ng
RT: 5.900 min Scan# 403
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

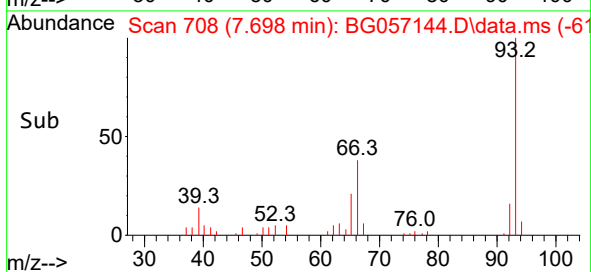
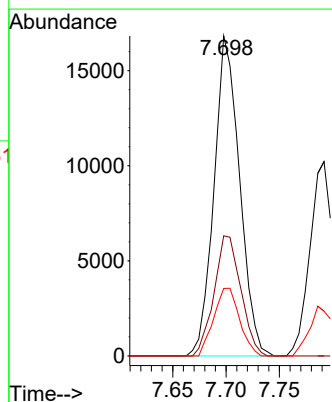
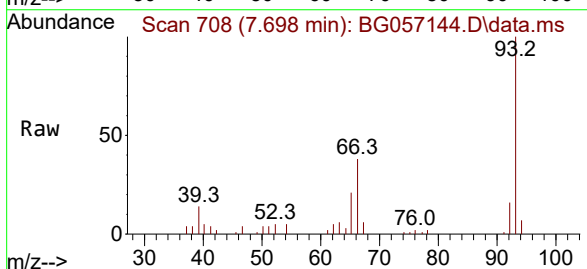
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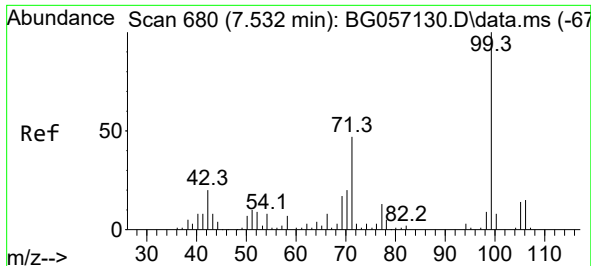
Tgt Ion:112 Resp: 25986
Ion Ratio Lower Upper
112 100
64 61.1 50.2 75.4
63 35.9 30.9 46.3



#6
Aniline
Concen: 18.452 ng
RT: 7.698 min Scan# 708
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion: 93 Resp: 28040
Ion Ratio Lower Upper
93 100
66 37.6 31.2 46.8
65 21.1 19.0 28.6

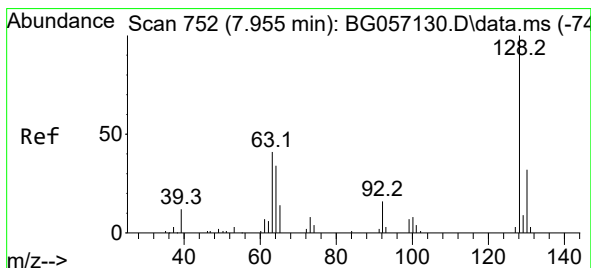
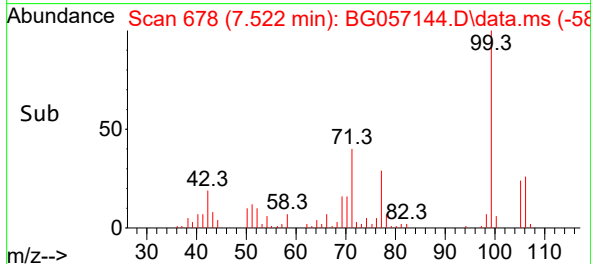
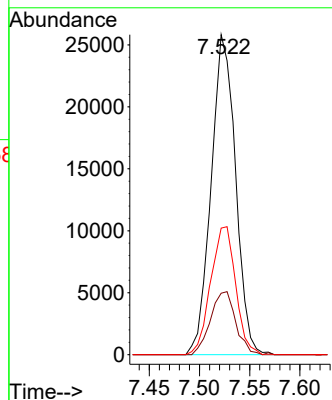
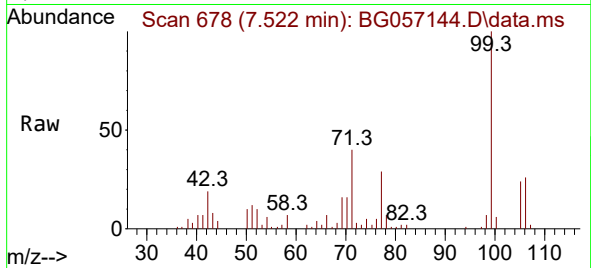




#7
Phenol-d6
Concen: 35.450 ng
RT: 7.522 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

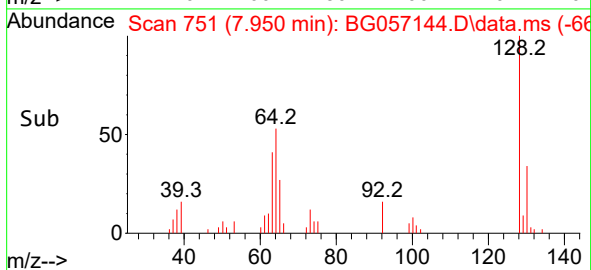
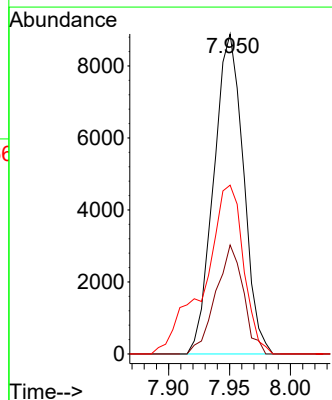
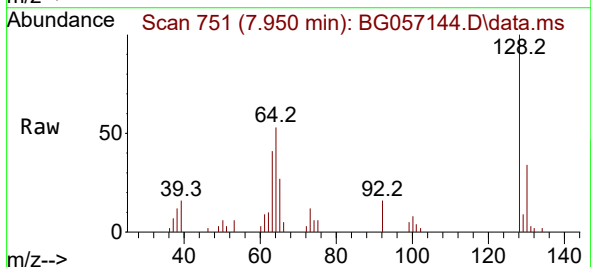
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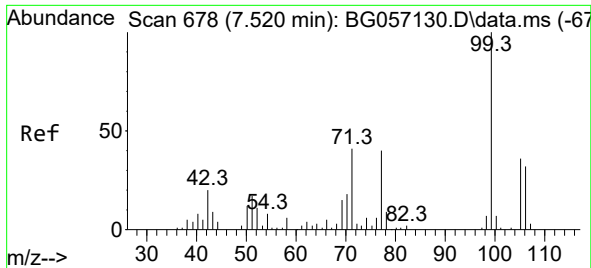
Tgt Ion: 99 Resp: 43586
Ion Ratio Lower Upper
99 100
42 19.2 16.2 24.2
71 39.5 34.3 51.5



#8
2-Chlorophenol
Concen: 17.939 ng
RT: 7.950 min Scan# 751
Delta R.T. 0.001 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion:128 Resp: 15045
Ion Ratio Lower Upper
128 100
130 34.0 16.4 56.4
64 52.8 30.7 70.7

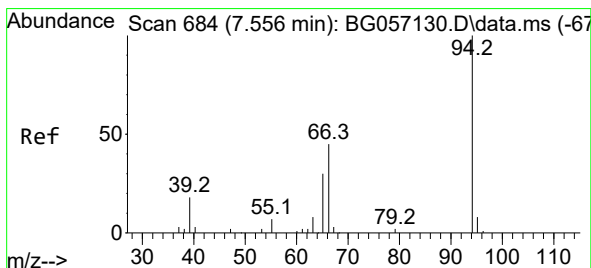
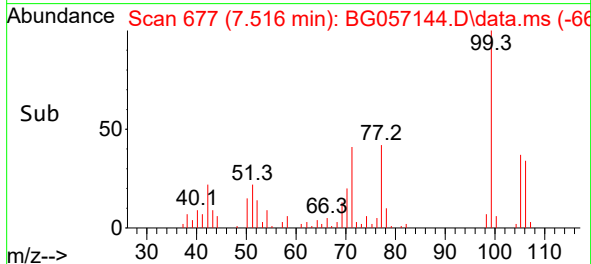
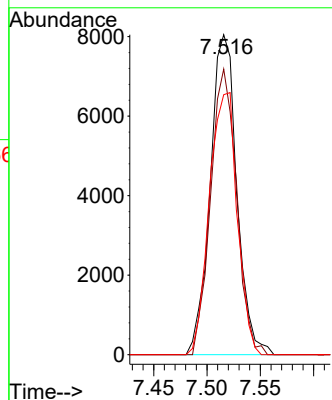
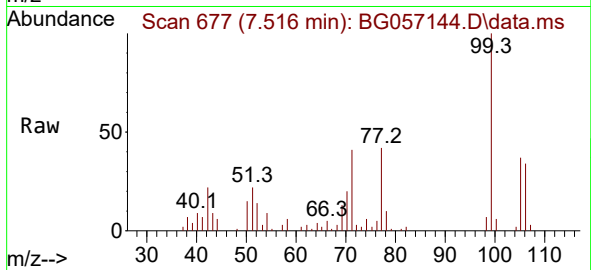




#9
Benzaldehyde
Concen: 19.603 ng
RT: 7.516 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

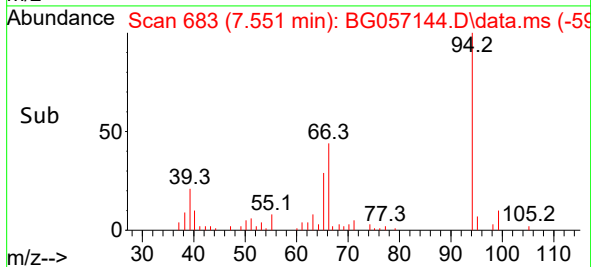
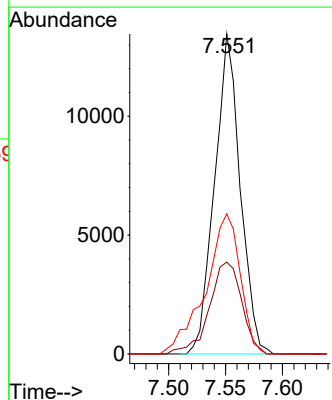
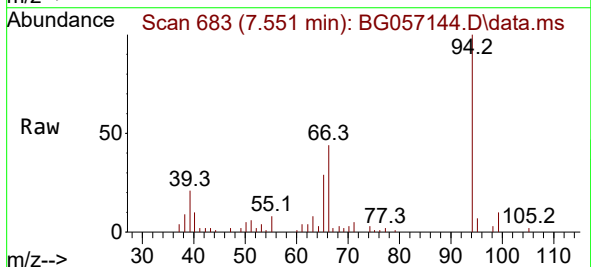
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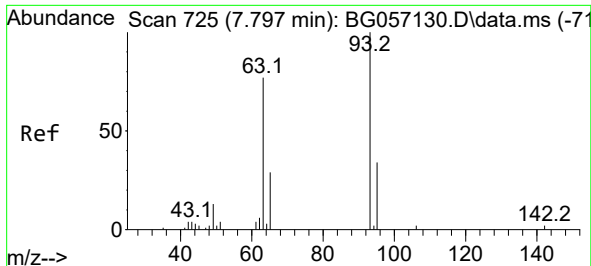
Tgt Ion: 77 Resp: 13927
Ion Ratio Lower Upper
77 100
105 89.2 76.6 116.6
106 81.2 63.8 103.8



#10
Phenol
Concen: 17.853 ng
RT: 7.551 min Scan# 683
Delta R.T. -0.005 min
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Tgt Ion: 94 Resp: 21055
Ion Ratio Lower Upper
94 100
65 28.7 15.2 55.2
66 43.8 27.9 67.9

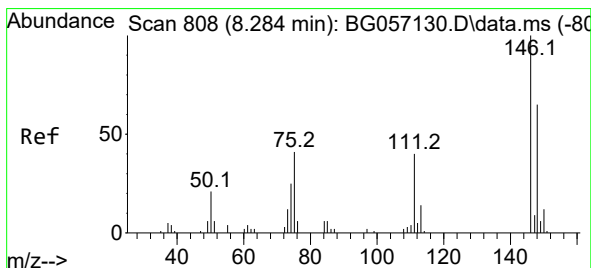
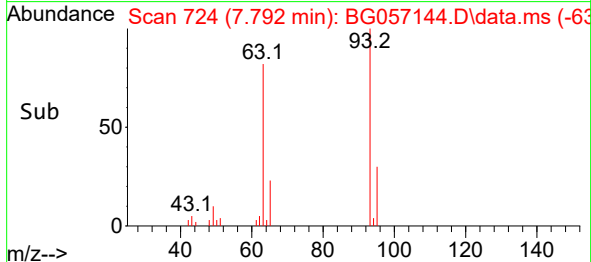
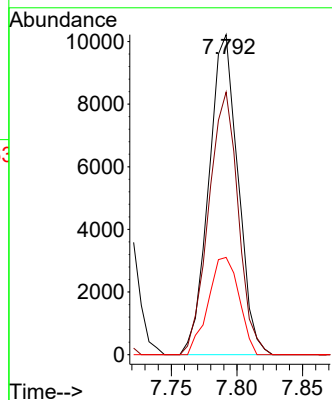
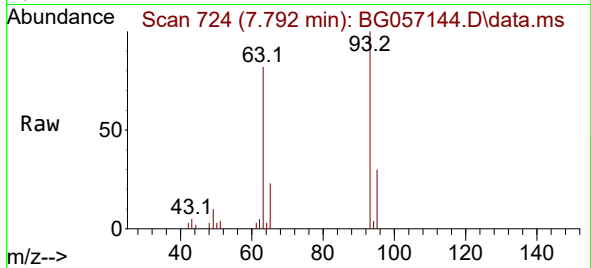




#11
bis(2-Chloroethyl)ether
Concen: 19.078 ng
RT: 7.792 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

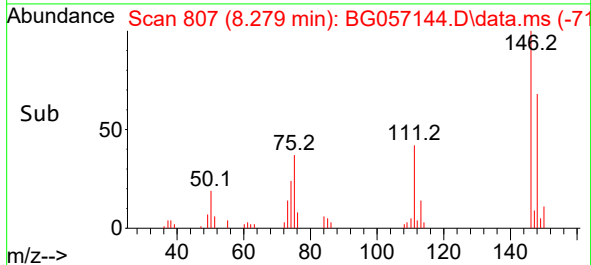
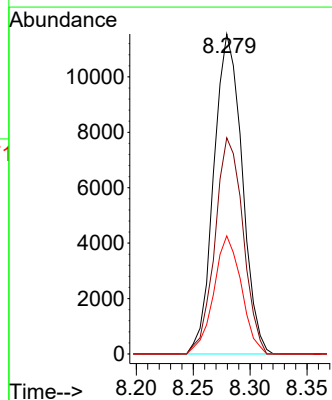
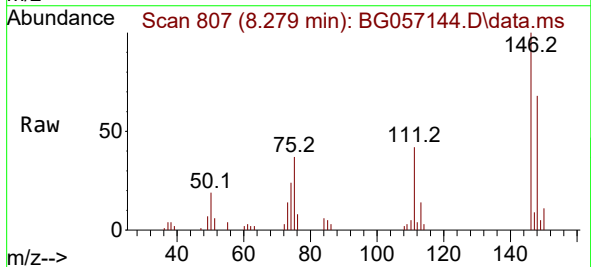
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

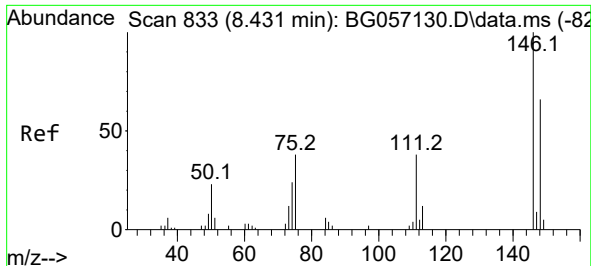
Tgt Ion: 93 Resp: 15832
Ion Ratio Lower Upper
93 100
63 82.1 51.9 91.9
95 30.4 8.8 48.8



#12
1,3-Dichlorobenzene
Concen: 20.974 ng
RT: 8.279 min Scan# 807
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion: 146 Resp: 19990
Ion Ratio Lower Upper
146 100
148 67.6 51.7 77.5
75 36.9 31.4 47.0





#13

1,4-Dichlorobenzene

Concen: 20.592 ng

RT: 8.426 min Scan# 81

Delta R.T. 0.001 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

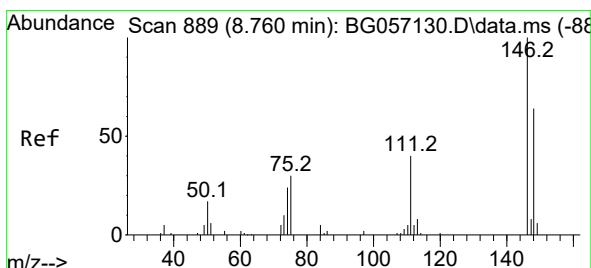
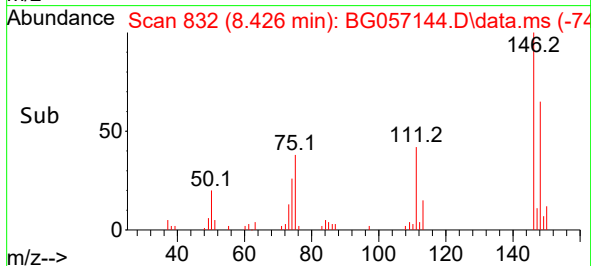
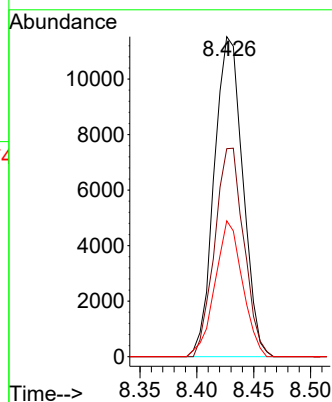
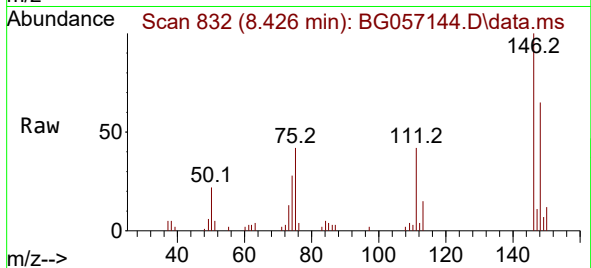
Tgt Ion:146 Resp: 20149

Ion Ratio Lower Upper

146 100

148 65.0 55.0 82.4

111 42.5 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 20.582 ng

RT: 8.755 min Scan# 888

Delta R.T. 0.001 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

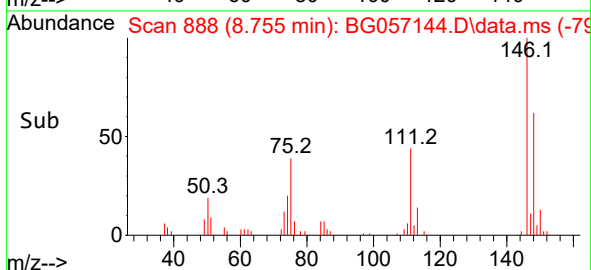
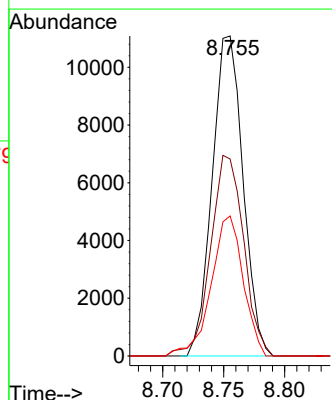
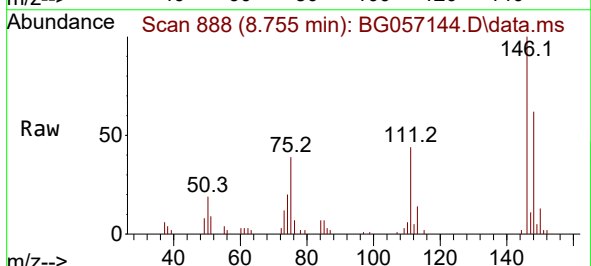
Tgt Ion:146 Resp: 19504

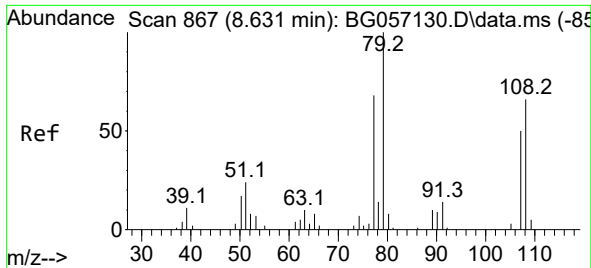
Ion Ratio Lower Upper

146 100

148 61.5 47.0 70.4

111 43.7 32.5 48.7

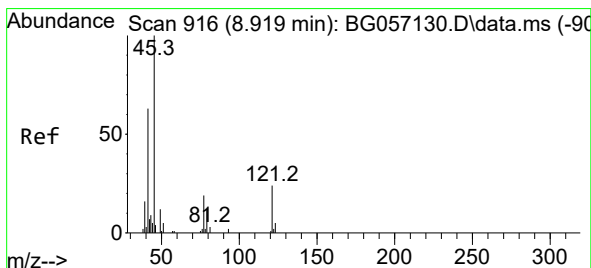
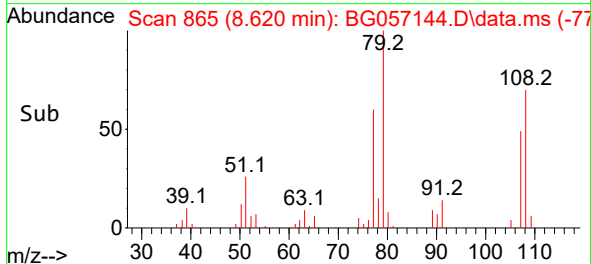
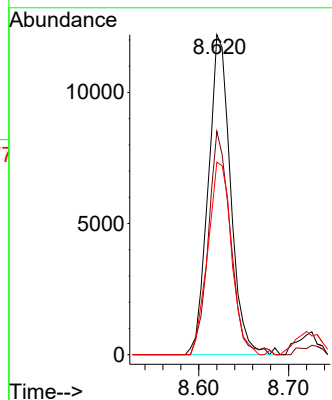
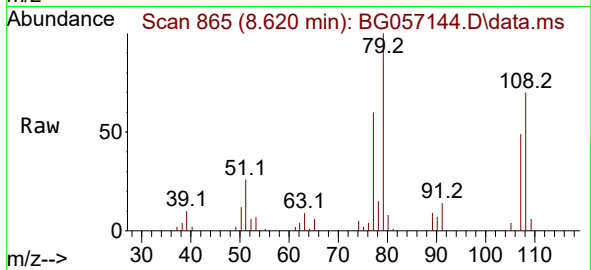




#15
Benzyl Alcohol
Concen: 20.743 ng
RT: 8.620 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

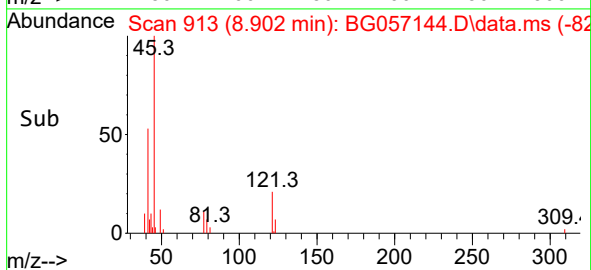
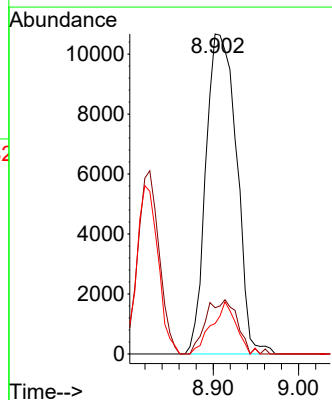
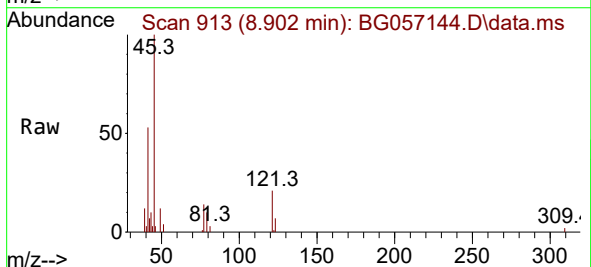
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

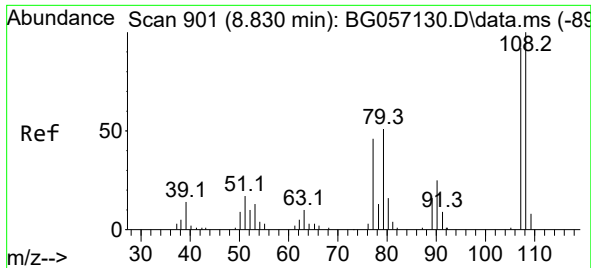
Tgt Ion: 79 Resp: 21087
Ion Ratio Lower Upper
79 100
108 69.8 49.8 74.8
77 60.1 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 25.904 ng
RT: 8.902 min Scan# 913
Delta R.T. -0.017 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion: 45 Resp: 26582
Ion Ratio Lower Upper
45 100
77 14.5 0.0 38.2
79 9.5 0.0 33.4

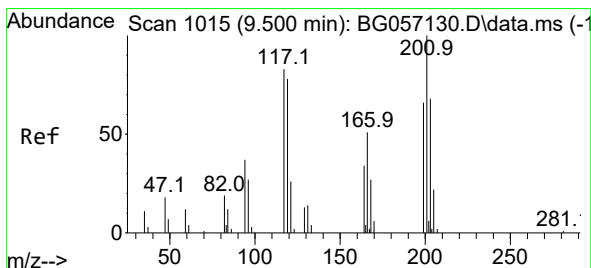
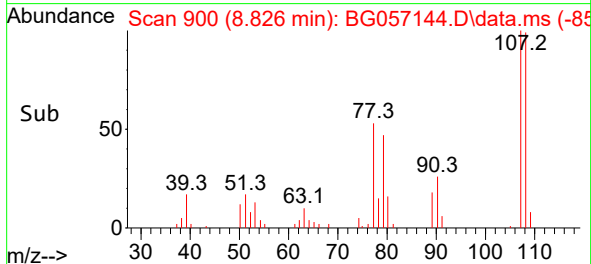
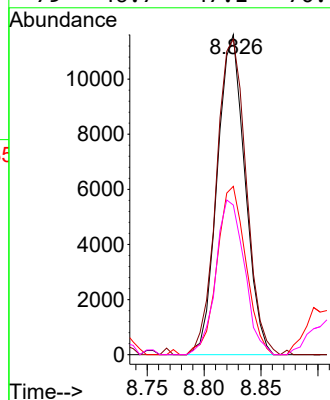
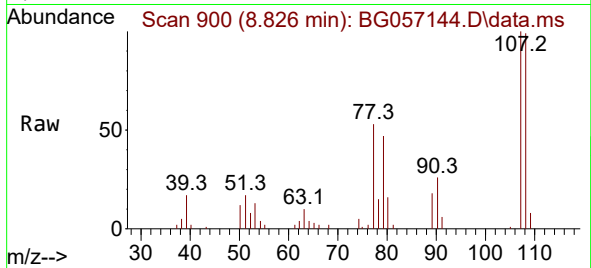




#17
2-Methylphenol
Concen: 21.372 ng
RT: 8.826 min Scan# 901
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

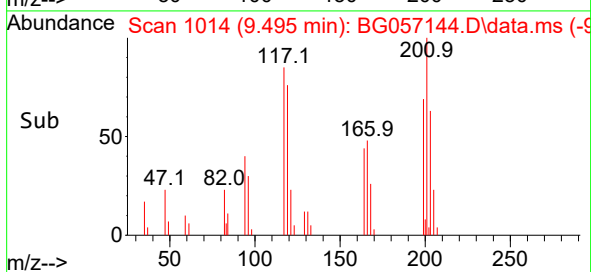
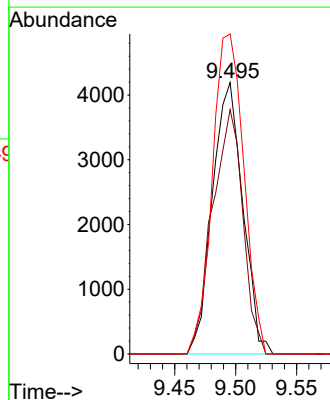
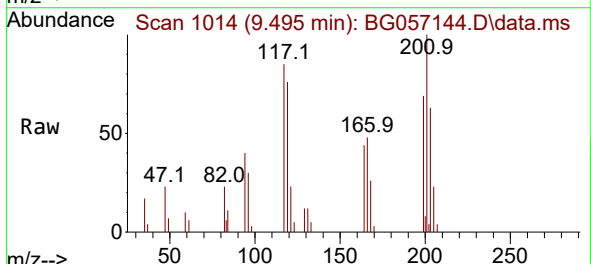
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

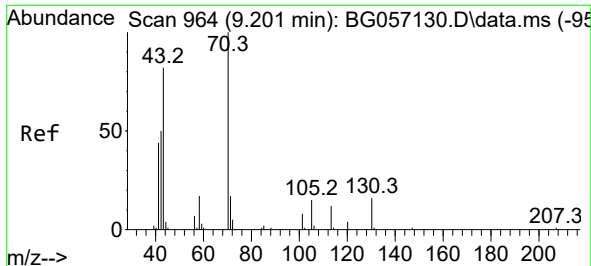
Tgt Ion:	107	Resp:	19677
Ion Ratio	Lower	Upper	
107	100		
108	98.6	87.4	131.2
77	52.6	44.2	66.4
79	46.7	47.1	70.7



#18
Hexachloroethane
Concen: 21.136 ng
RT: 9.495 min Scan# 1014
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion:	117	Resp:	7268
Ion Ratio	Lower	Upper	
117	100		
119	90.1	81.7	122.5
201	117.9	109.8	164.8

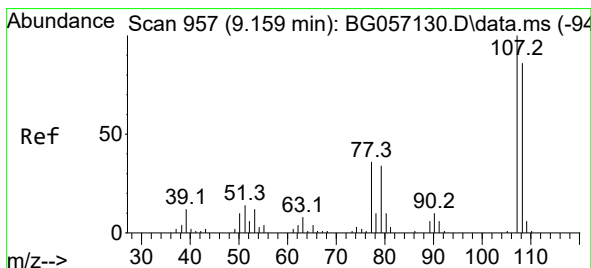
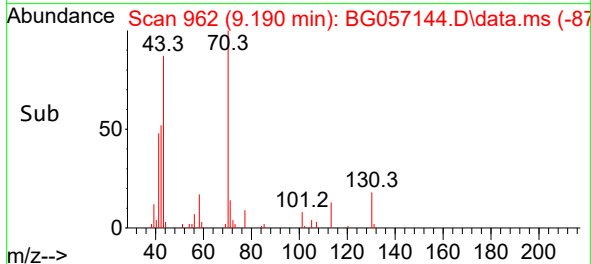
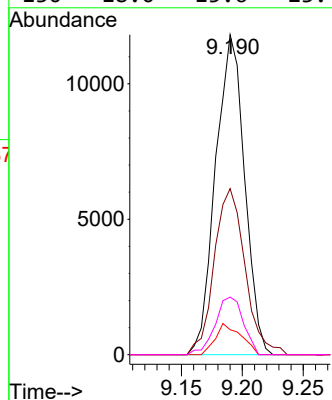
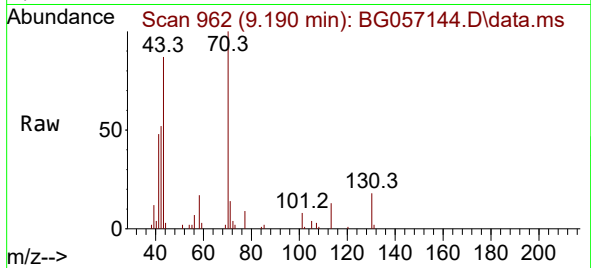




#19
n-Nitroso-di-n-propylamine
Concen: 21.722 ng
RT: 9.190 min Scan# 901
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

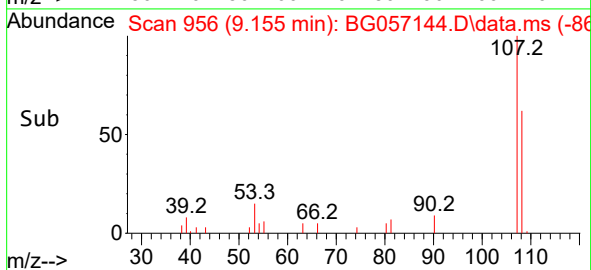
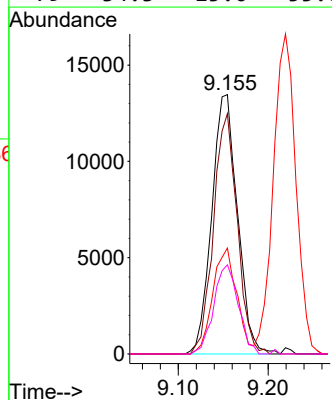
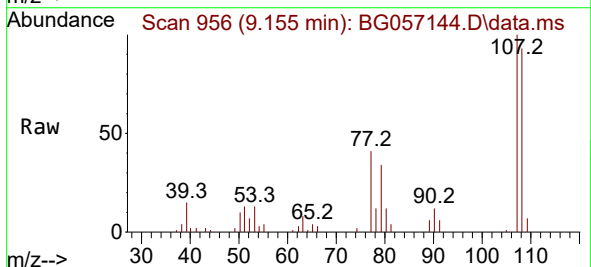
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

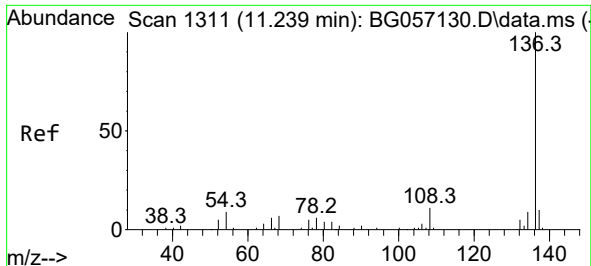
Tgt Ion:	70	Resp:	19522
Ion	Ratio	Lower	Upper
70	100		
42	51.9	48.0	72.0
101	7.8	7.8	11.8
130	18.0	15.6	23.4



#20
3+4-Methylphenols
Concen: 21.718 ng
RT: 9.155 min Scan# 956
Delta R.T. 0.001 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion:	107	Resp:	26759
Ion	Ratio	Lower	Upper
107	100		
108	92.7	67.7	107.7
77	40.8	20.8	60.8
79	34.3	15.0	55.0

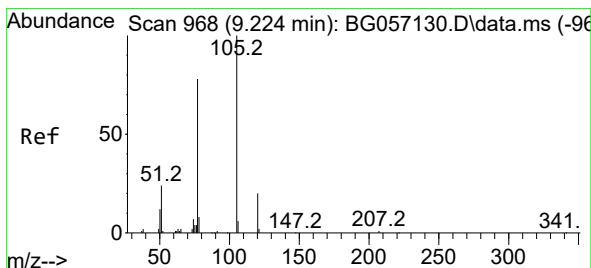
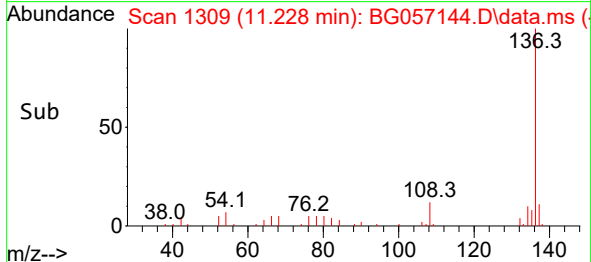
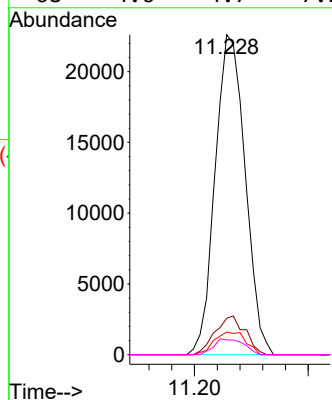
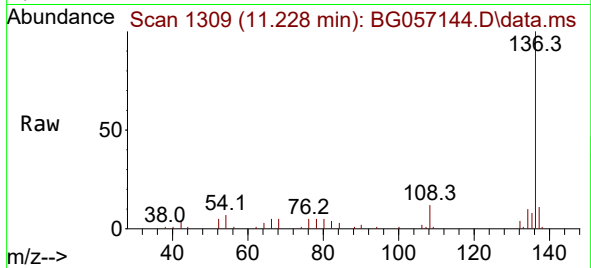




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.228 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

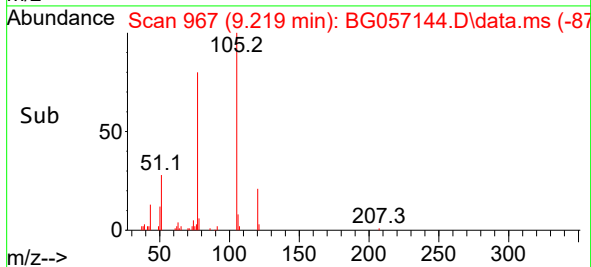
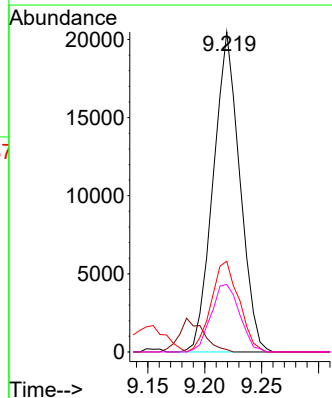
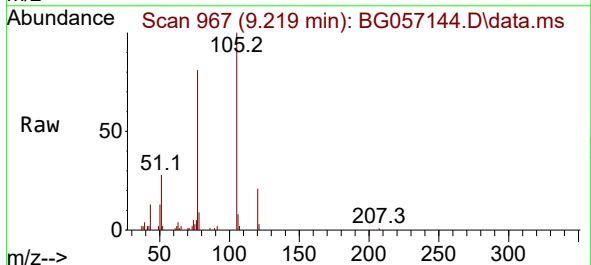
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

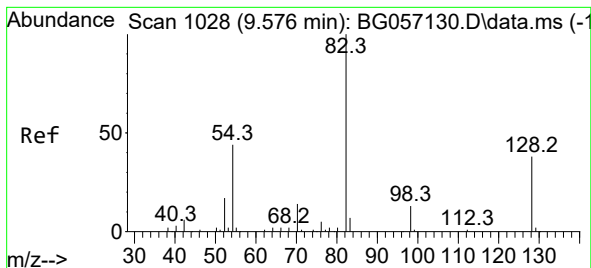
Tgt Ion:136 Resp: 41429
Ion Ratio Lower Upper
136 100
137 11.4 10.0 15.0
54 7.1 6.2 9.4
68 4.6 4.7 7.1#



#22
Acetophenone
Concen: 30.212 ng
RT: 9.219 min Scan# 967
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion:105 Resp: 33159
Ion Ratio Lower Upper
105 100
71 0.8 0.0 0.0#
51 28.4 25.2 37.8
120 21.1 16.1 24.1





#23

Nitrobenzene-d5

Concen: 60.831 ng

RT: 9.572 min Scan# 1027

Delta R.T. 0.001 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

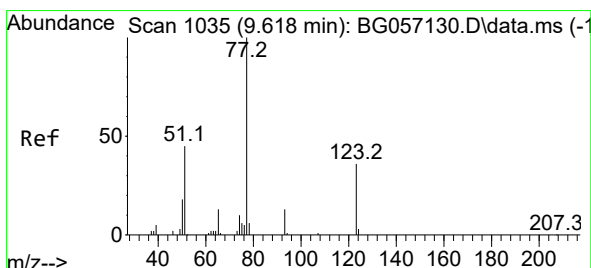
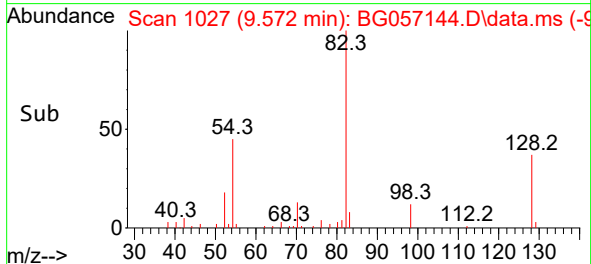
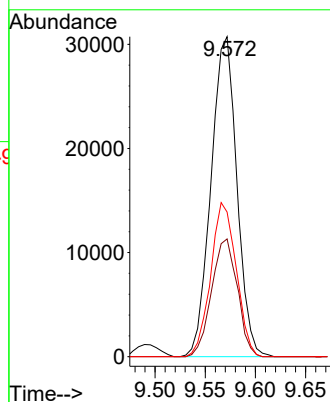
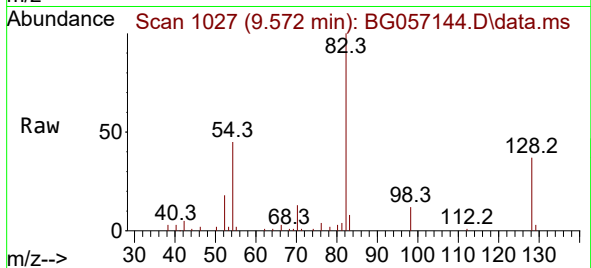
Tgt Ion: 82 Resp: 55160

Ion Ratio Lower Upper

82 100

128 36.8 27.4 41.0

54 45.2 40.4 60.6



#24

Nitrobenzene

Concen: 28.567 ng

RT: 9.613 min Scan# 1034

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

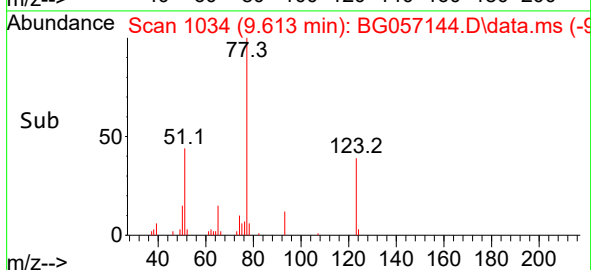
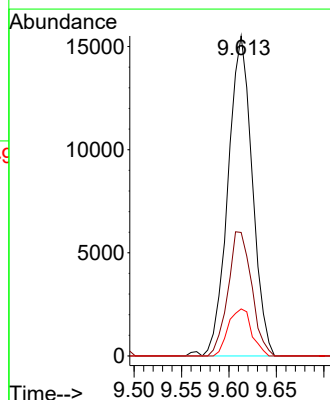
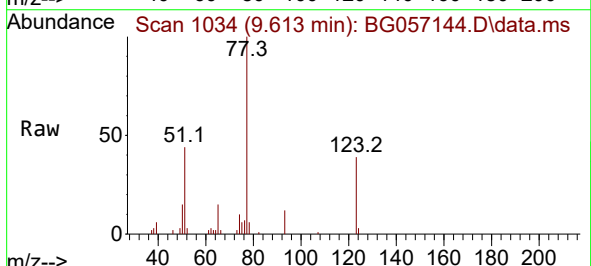
Tgt Ion: 77 Resp: 27610

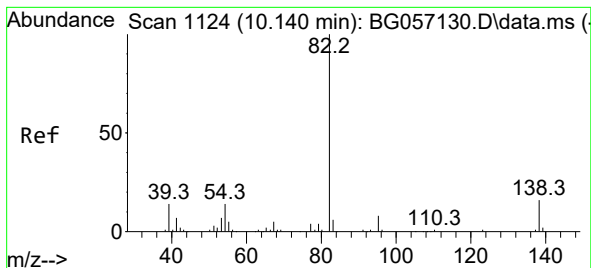
Ion Ratio Lower Upper

77 100

123 38.6 30.3 45.5

65 14.7 12.1 18.1





#25

Isophorone

Concen: 28.473 ng

RT: 10.130 min Scan# 1122

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

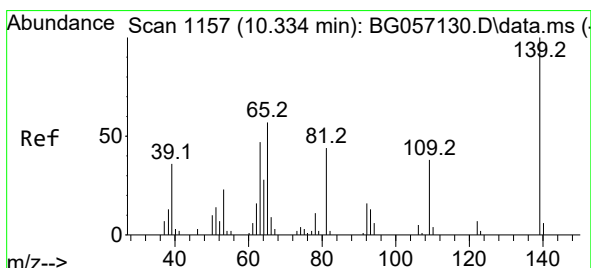
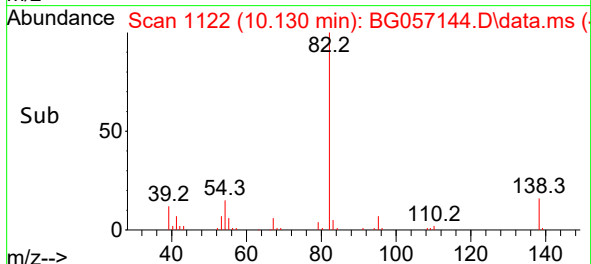
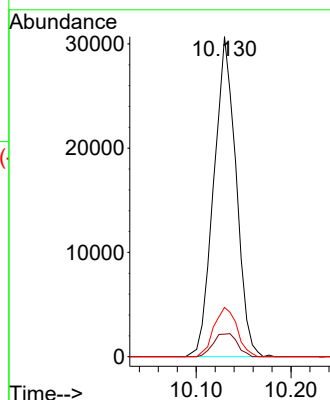
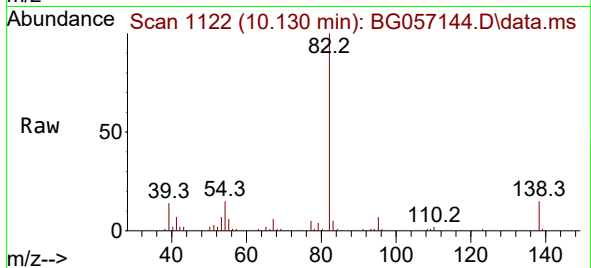
Tgt Ion: 82 Resp: 50093

Ion Ratio Lower Upper

82 100

95 7.1 7.4 11.0#

138 15.4 12.7 19.1



#26

2-Nitrophenol

Concen: 28.295 ng

RT: 10.330 min Scan# 1156

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

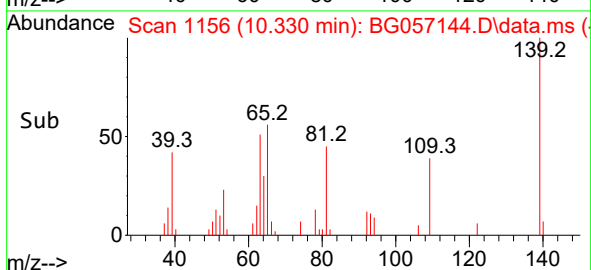
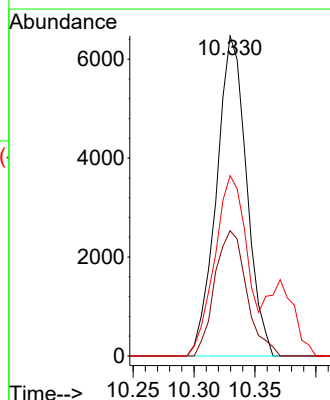
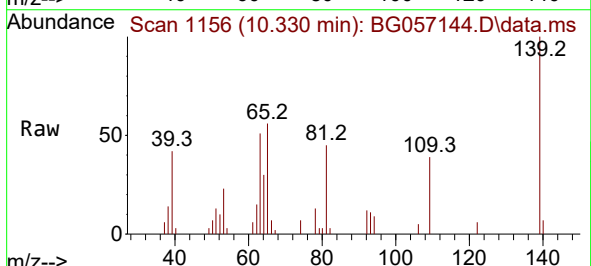
Tgt Ion:139 Resp: 11109

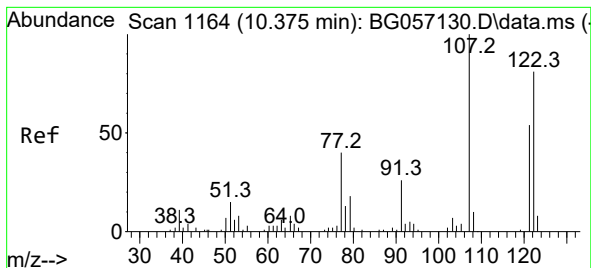
Ion Ratio Lower Upper

139 100

109 39.1 35.8 53.8

65 56.4 50.2 75.4





#27

2,4-Dimethylphenol

Concen: 28.604 ng

RT: 10.371 min Scan# 1163

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

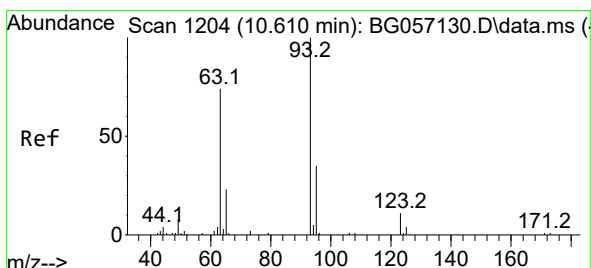
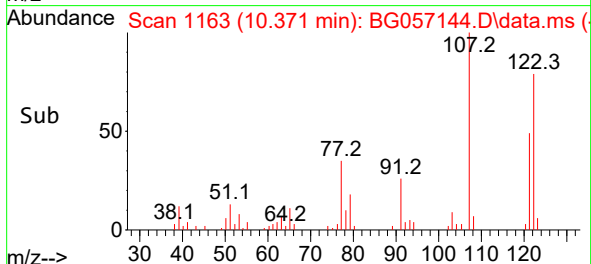
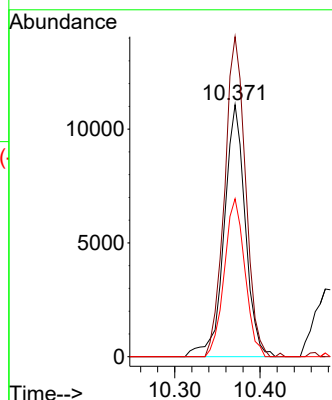
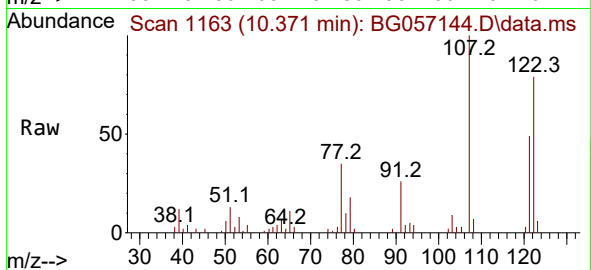
Tgt Ion:122 Resp: 19003

Ion Ratio Lower Upper

122 100

107 127.0 107.8 161.8

121 62.7 52.2 78.4



#28

bis(2-Chloroethoxy)methane

Concen: 29.020 ng

RT: 10.606 min Scan# 1203

Delta R.T. 0.001 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

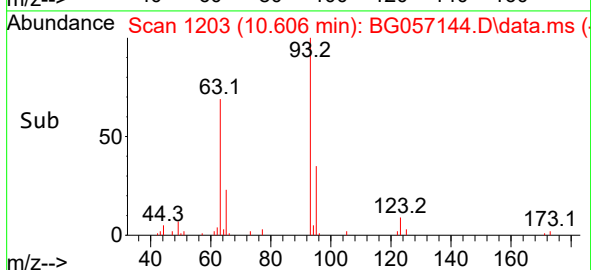
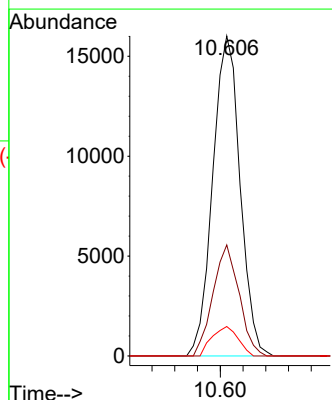
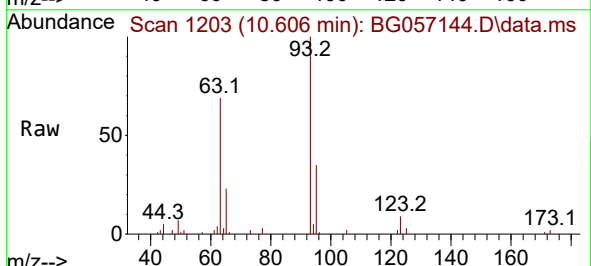
Tgt Ion: 93 Resp: 26698

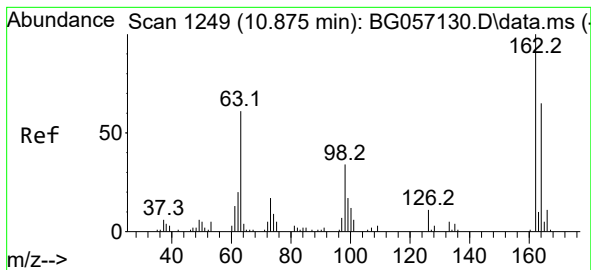
Ion Ratio Lower Upper

93 100

95 34.7 24.3 36.5

123 9.2 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 27.315 ng

RT: 10.870 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

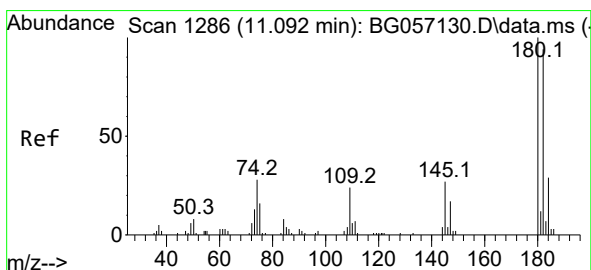
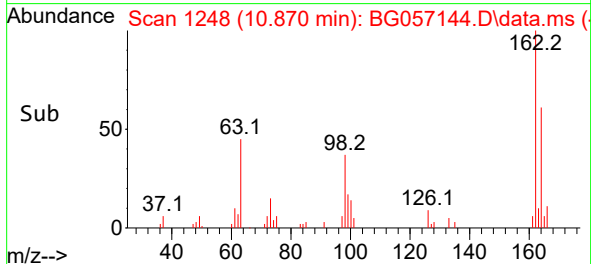
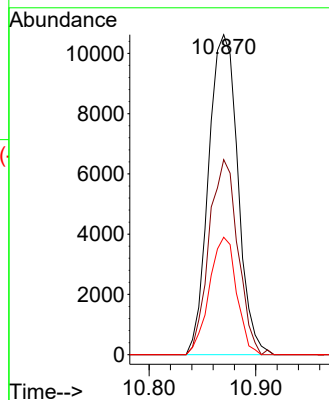
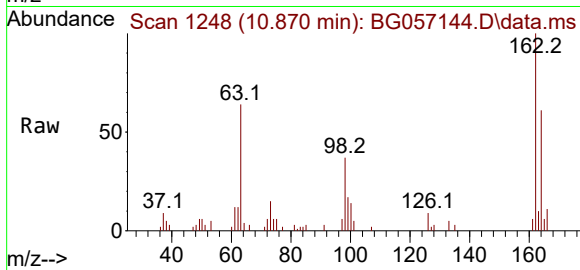
Tgt Ion:162 Resp: 20268

Ion Ratio Lower Upper

162 100

164 61.0 46.6 86.6

98 36.7 15.3 55.3



#30

1,2,4-Trichlorobenzene

Concen: 21.118 ng

RT: 11.087 min Scan# 1285

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

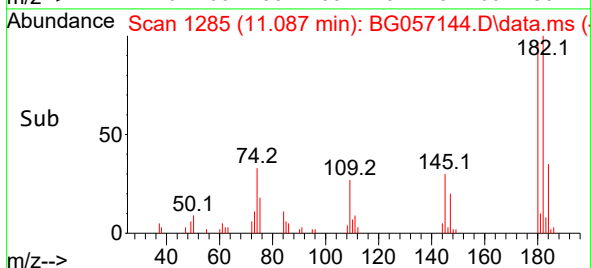
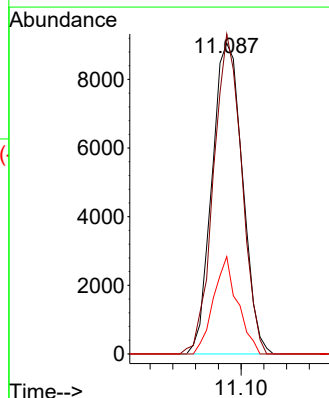
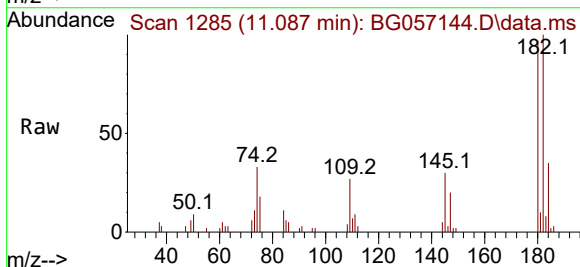
Tgt Ion:180 Resp: 16862

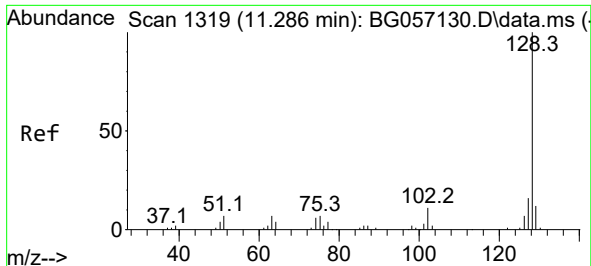
Ion Ratio Lower Upper

180 100

182 103.0 83.5 125.3

145 31.3 23.7 35.5

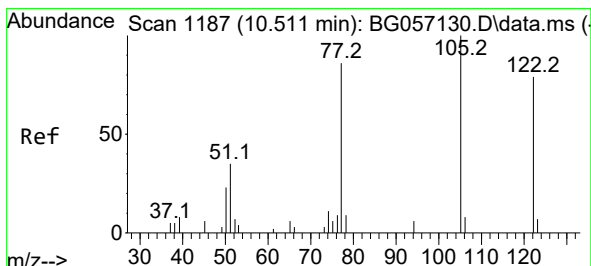
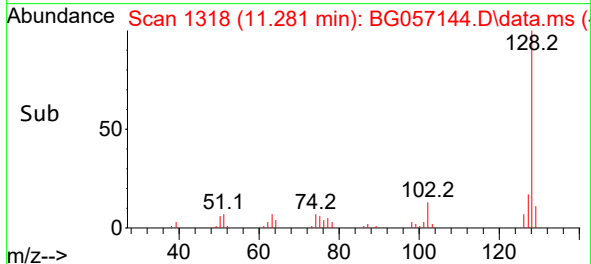
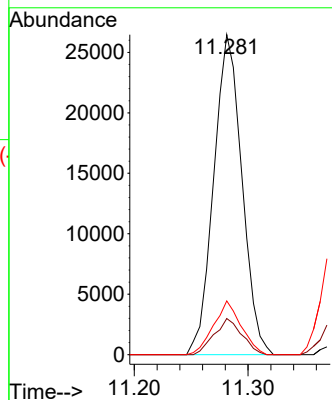
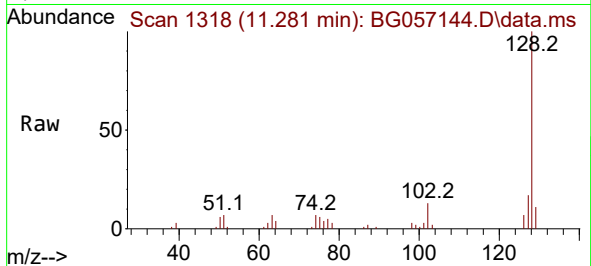




#31
Naphthalene
Concen: 20.557 ng
RT: 11.281 min Scan# 1118
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

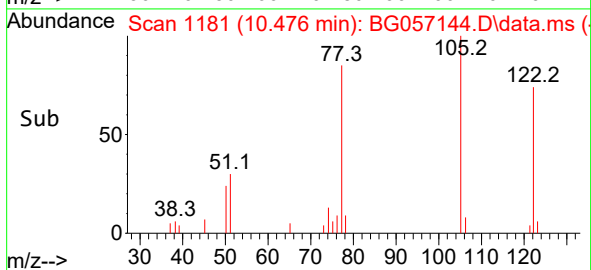
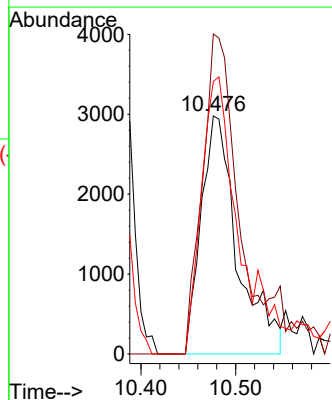
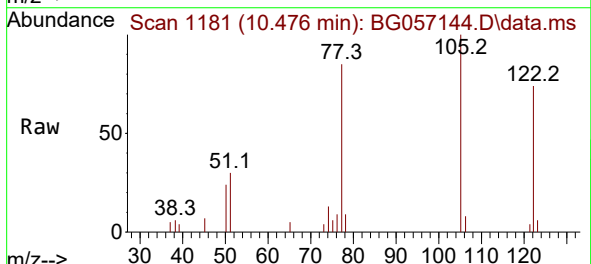
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

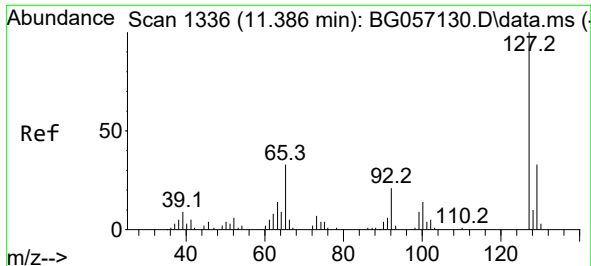
Tgt Ion:128 Resp: 45596
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 16.8 12.3 18.5



#32
Benzoic acid
Concen: 23.214 ng
RT: 10.476 min Scan# 1181
Delta R.T. -0.029 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion:122 Resp: 7932
Ion Ratio Lower Upper
122 100
105 134.5 110.8 150.8
77 114.6 85.8 125.8

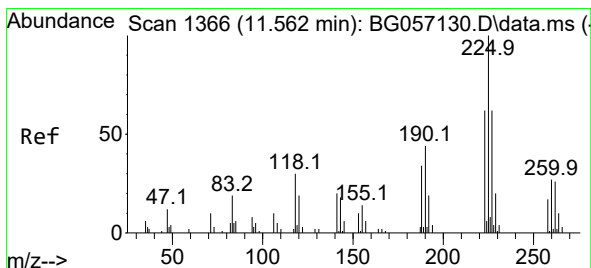
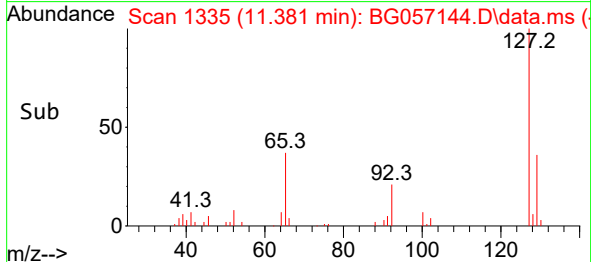
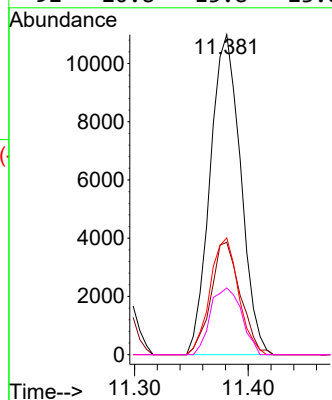
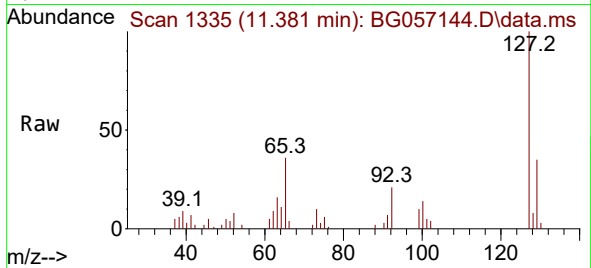




#33
4-Chloroaniline
Concen: 20.462 ng
RT: 11.381 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

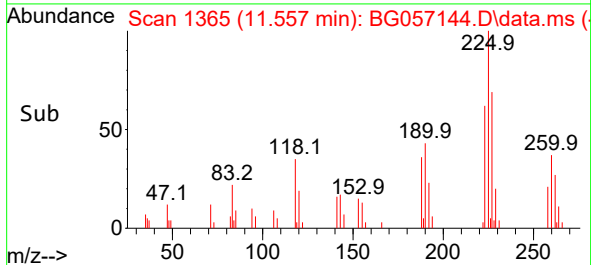
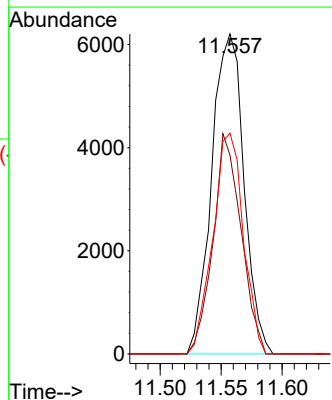
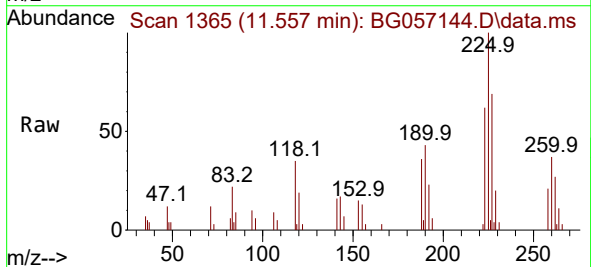
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

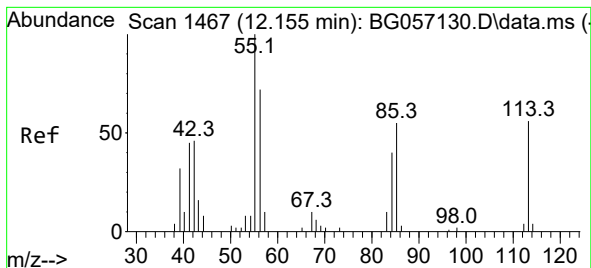
Tgt Ion:127	Resp:	20494
Ion	Ratio	Lower Upper
127	100	
129	35.1	26.0 39.0
65	36.5	24.0 36.0#
92	20.8	15.8 23.8



#34
Hexachlorobutadiene
Concen: 19.578 ng
RT: 11.557 min Scan# 1365
Delta R.T. 0.001 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion:225	Resp:	11423
Ion	Ratio	Lower Upper
225	100	
223	62.2	51.8 77.6
227	69.0	48.9 73.3





#35

Caprolactam

Concen: 24.270 ng

RT: 12.127 min Scan# 14

Delta R.T. -0.023 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

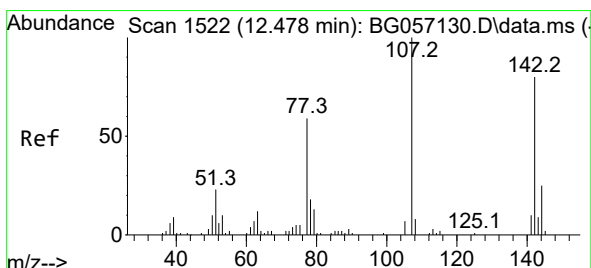
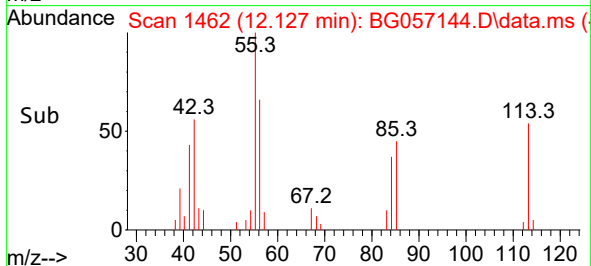
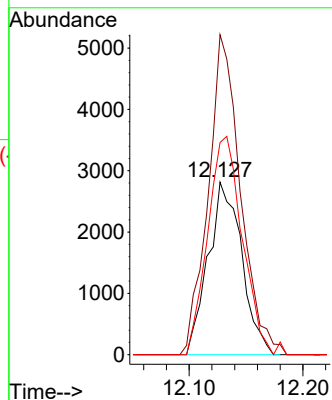
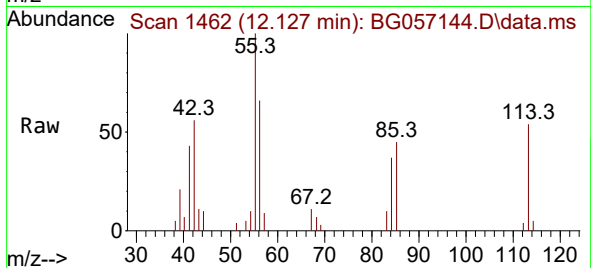
Tgt Ion:113 Resp: 5758

Ion Ratio Lower Upper

113 100

55 185.6 157.3 197.3

56 123.0 98.7 138.7



#36

4-Chloro-3-methylphenol

Concen: 20.034 ng

RT: 12.468 min Scan# 1520

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

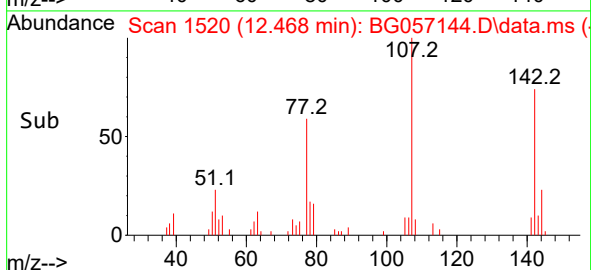
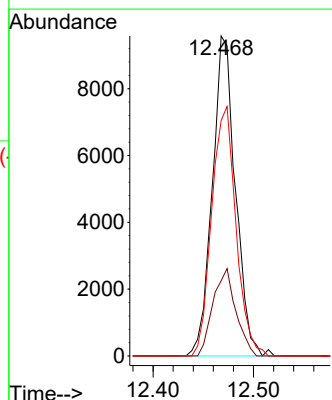
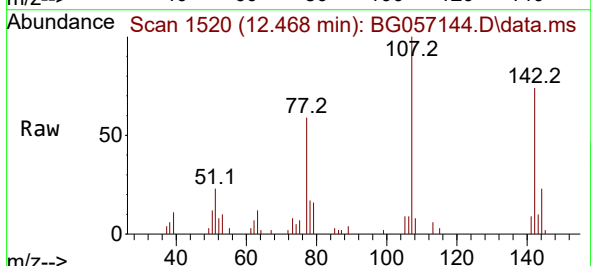
Tgt Ion:107 Resp: 15331

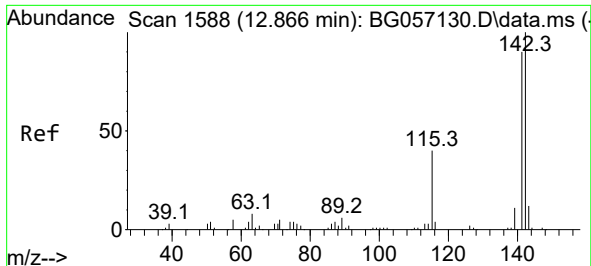
Ion Ratio Lower Upper

107 100

144 23.5 19.7 29.5

142 73.6 57.4 86.0

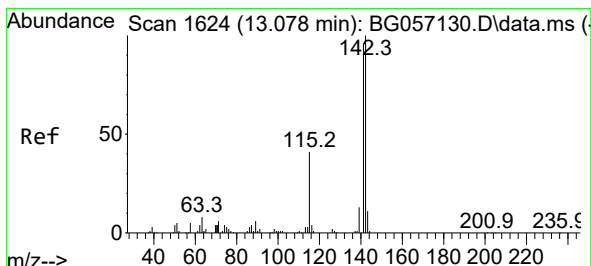
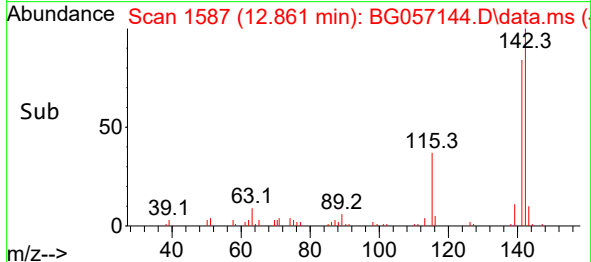
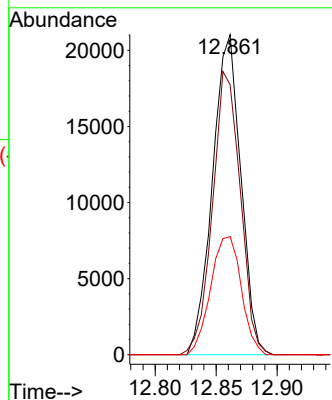
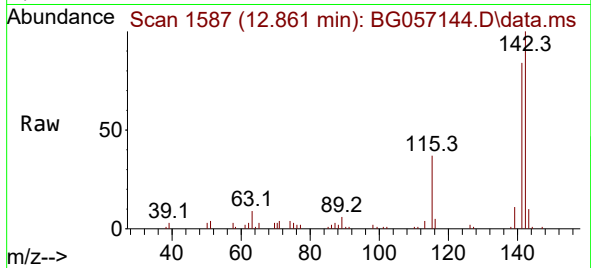




#37
2-Methylnaphthalene
Concen: 19.385 ng
RT: 12.861 min Scan# 1587
Delta R.T. 0.001 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

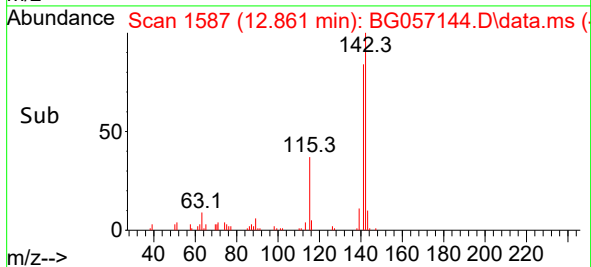
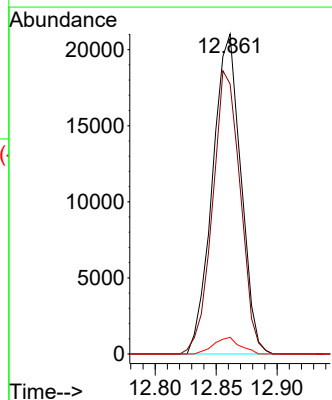
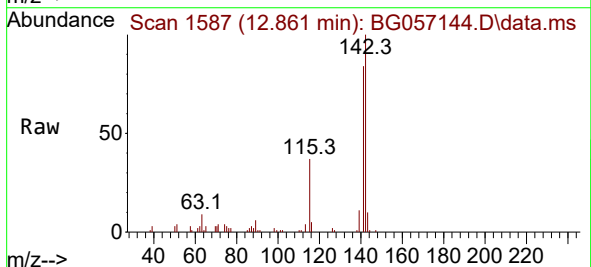
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

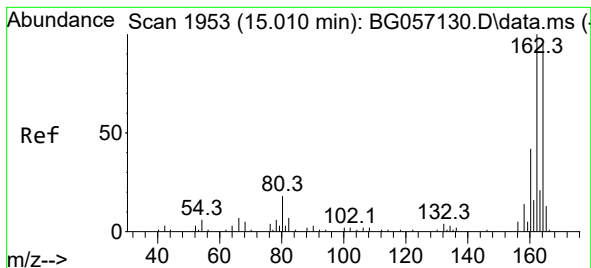
Tgt Ion:142 Resp: 33990
Ion Ratio Lower Upper
142 100
141 84.3 73.8 110.6
115 36.9 32.1 48.1



#38
1-Methylnaphthalene
Concen: 20.240 ng
RT: 12.861 min Scan# 1587
Delta R.T. -0.217 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion:142 Resp: 33990
Ion Ratio Lower Upper
142 100
141 84.3 72.2 108.4
116 5.2 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.006 min Scan# 1952

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

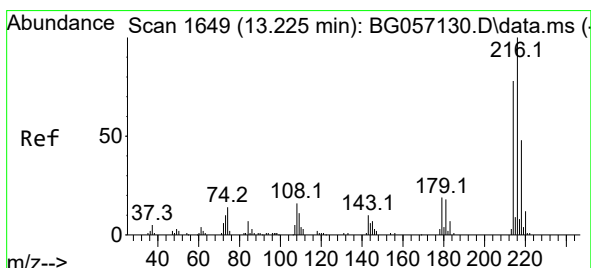
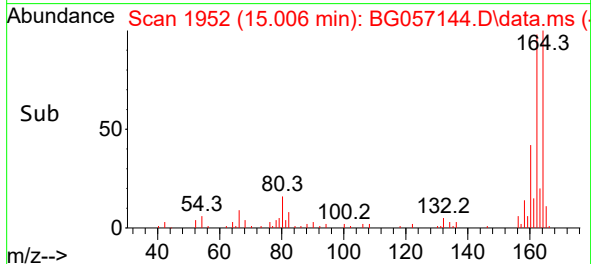
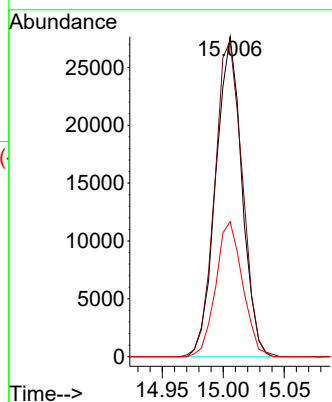
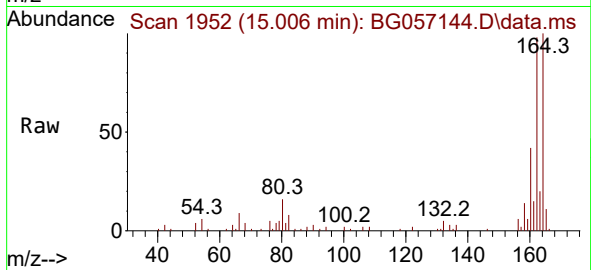
Tgt Ion:164 Resp: 41173

Ion Ratio Lower Upper

164 100

162 98.4 81.0 121.4

160 42.2 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 17.896 ng

RT: 13.220 min Scan# 1648

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

Tgt Ion:216 Resp: 25487

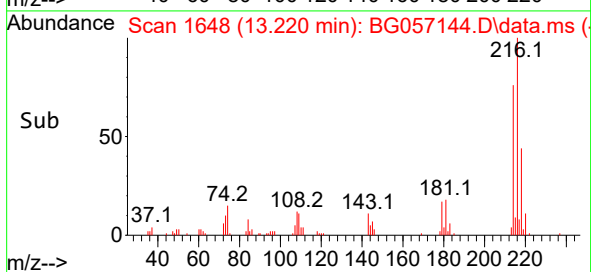
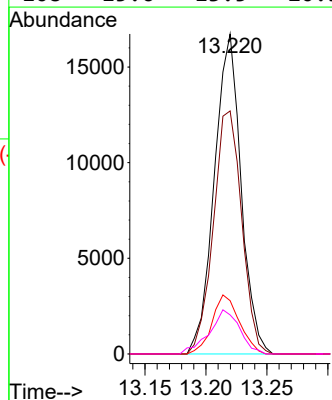
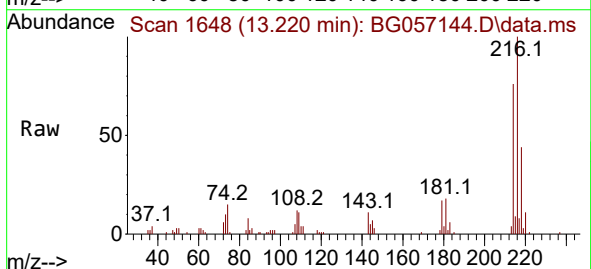
Ion Ratio Lower Upper

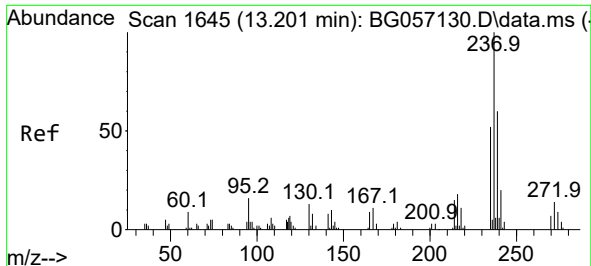
216 100

214 80.3 62.9 94.3

179 18.9 15.8 23.6

108 15.6 13.5 20.3

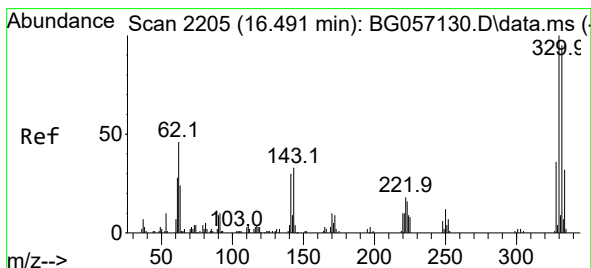
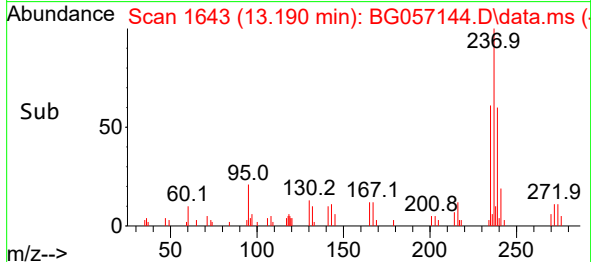
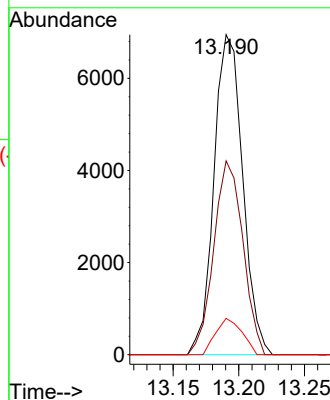
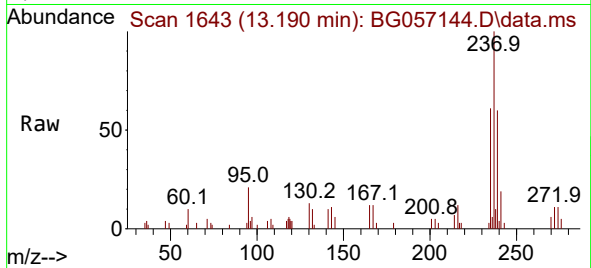




#41
Hexachlorocyclopentadiene
Concen: 15.598 ng
RT: 13.190 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

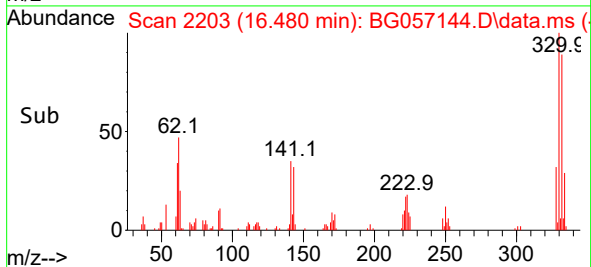
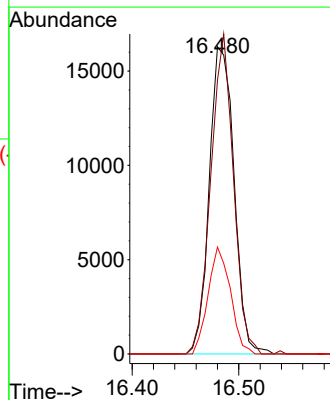
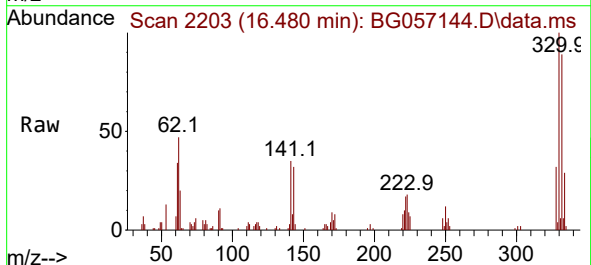
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

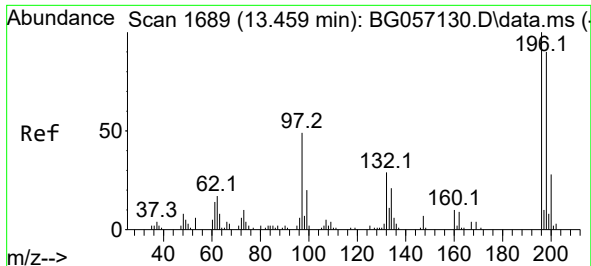
Tgt Ion:237 Resp: 10560
Ion Ratio Lower Upper
237 100
235 60.6 48.6 88.6
272 11.3 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 36.659 ng
RT: 16.480 min Scan# 2203
Delta R.T. -0.011 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion:330 Resp: 26221
Ion Ratio Lower Upper
330 100
332 95.4 76.9 115.3
141 31.5 24.5 36.7

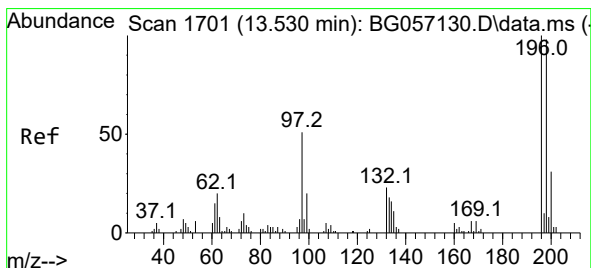
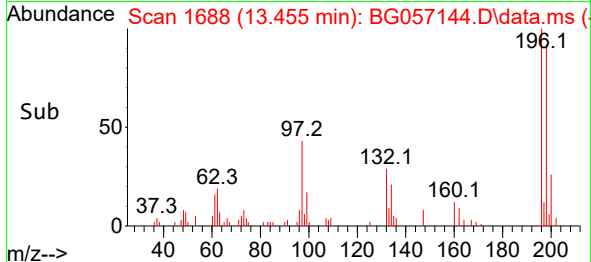
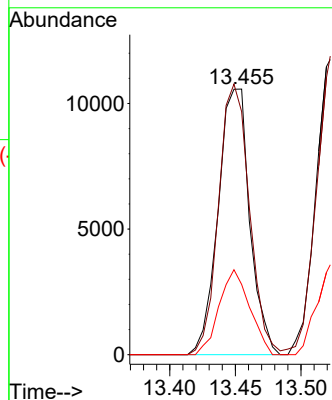
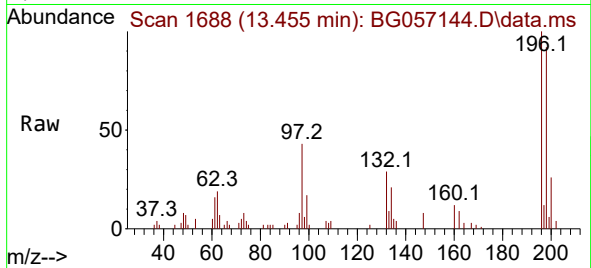




#43
2,4,6-Trichlorophenol
Concen: 20.084 ng
RT: 13.455 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

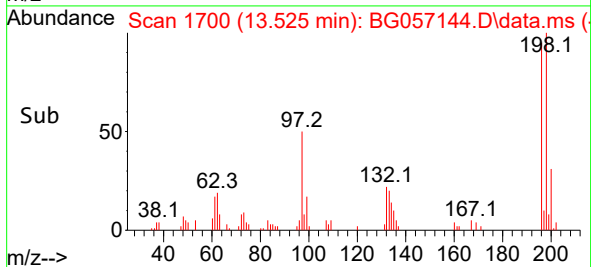
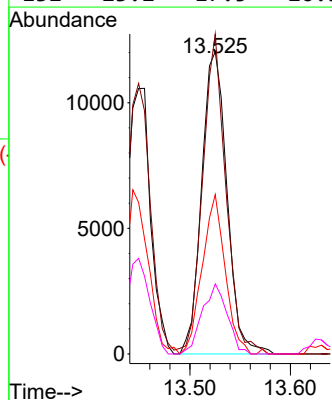
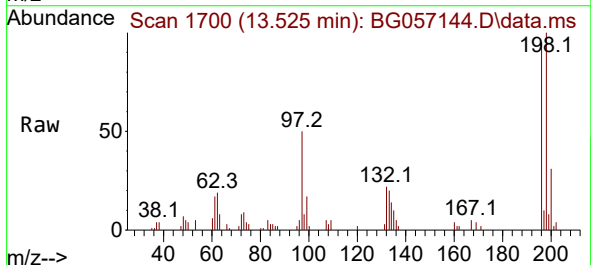
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

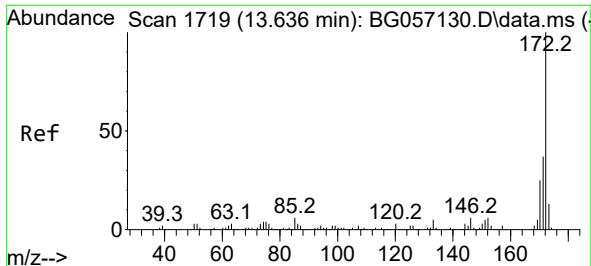
Tgt Ion:196 Resp: 17738
Ion Ratio Lower Upper
196 100
198 91.5 75.3 112.9
200 26.4 25.4 38.2



#44
2,4,5-Trichlorophenol
Concen: 20.100 ng
RT: 13.525 min Scan# 1700
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion:196 Resp: 21151
Ion Ratio Lower Upper
196 100
198 105.8 75.4 113.0
97 52.7 37.8 56.6
132 23.2 17.5 26.3

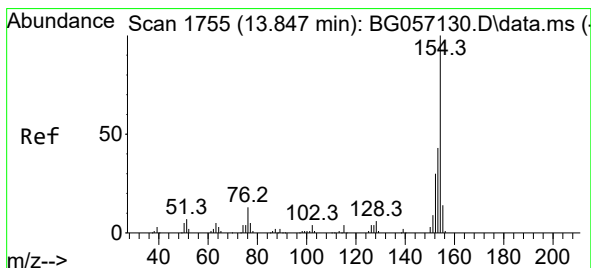
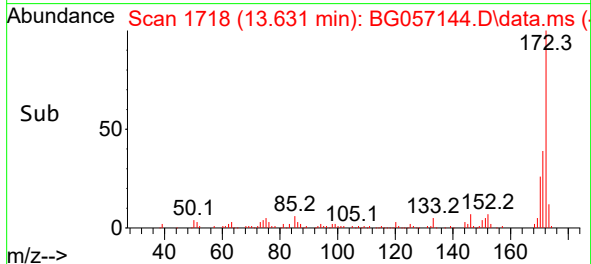
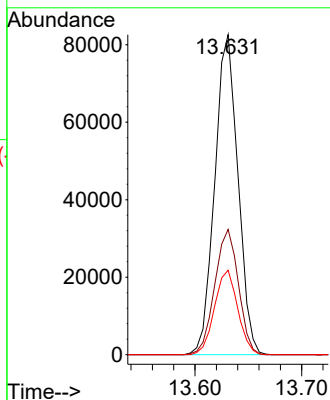
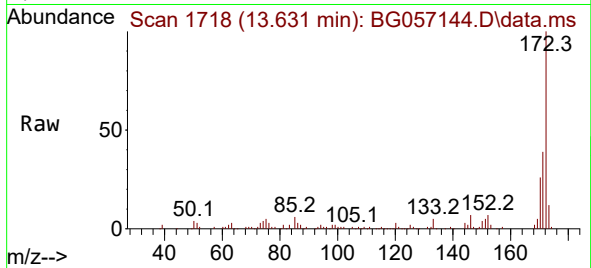




#45
2-Fluorobiphenyl
Concen: 40.078 ng
RT: 13.631 min Scan# 1719
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

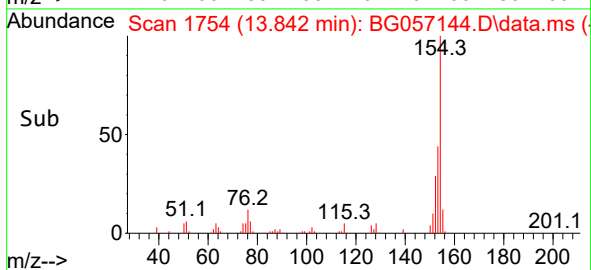
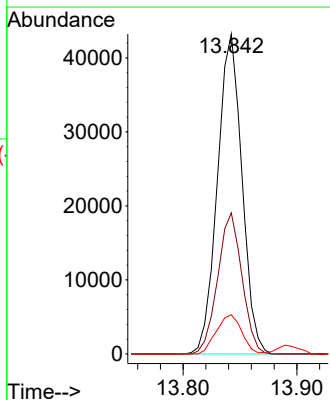
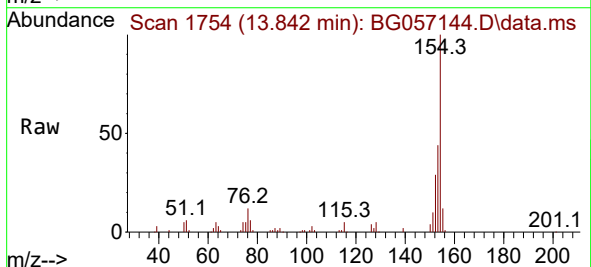
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

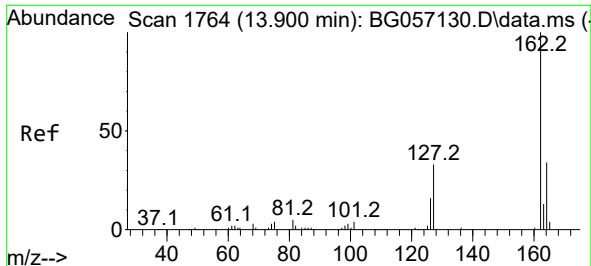
Tgt Ion:172 Resp: 124463
Ion Ratio Lower Upper
172 100
171 39.1 31.8 47.8
170 26.4 19.9 29.9



#46
1,1'-Biphenyl
Concen: 20.896 ng
RT: 13.842 min Scan# 1754
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion:154 Resp: 64709
Ion Ratio Lower Upper
154 100
153 44.1 23.6 63.6
76 12.2 0.0 33.5

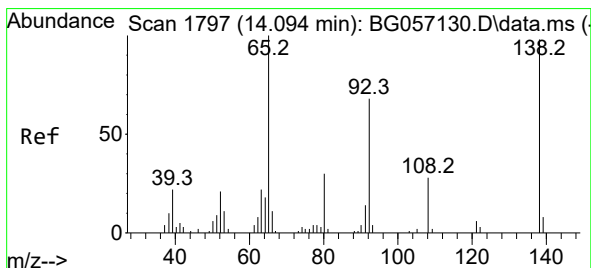
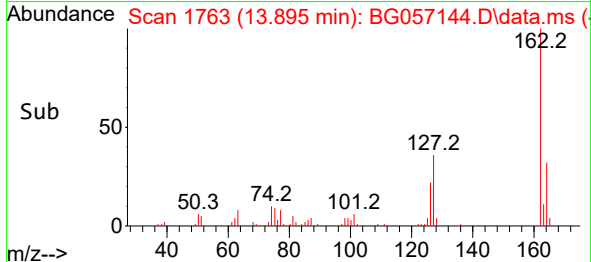
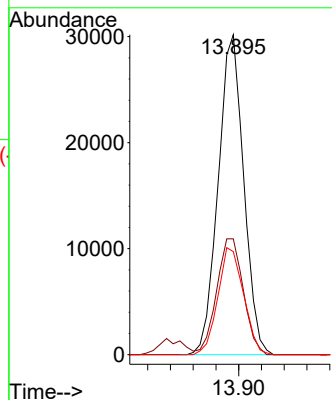
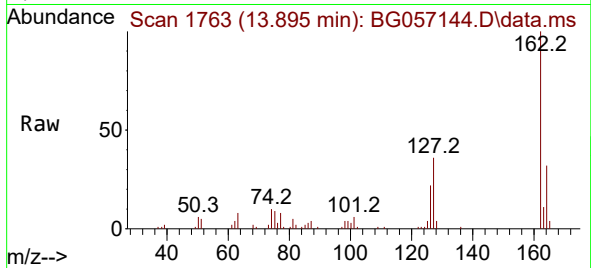




#47
2-Chloronaphthalene
Concen: 20.311 ng
RT: 13.895 min Scan# 1763
Delta R.T. 0.001 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

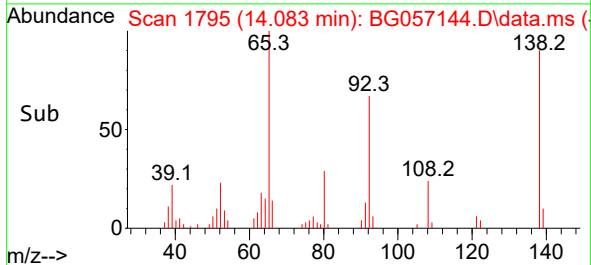
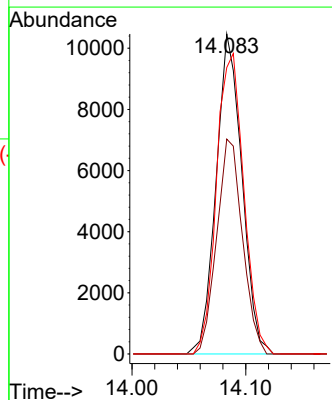
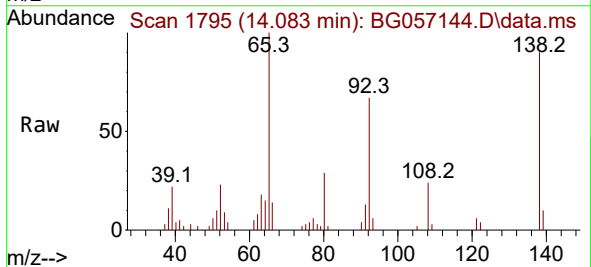
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

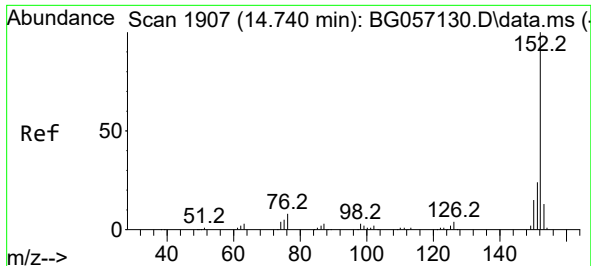
Tgt Ion:162 Resp: 47017
Ion Ratio Lower Upper
162 100
127 36.2 29.0 43.6
164 32.2 26.2 39.2



#48
2-Nitroaniline
Concen: 21.165 ng
RT: 14.083 min Scan# 1795
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion: 65 Resp: 16489
Ion Ratio Lower Upper
65 100
92 67.2 51.1 76.7
138 89.5 69.1 103.7





#49

Acenaphthylene

Concen: 20.593 ng

RT: 14.729 min Scan# 1905

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

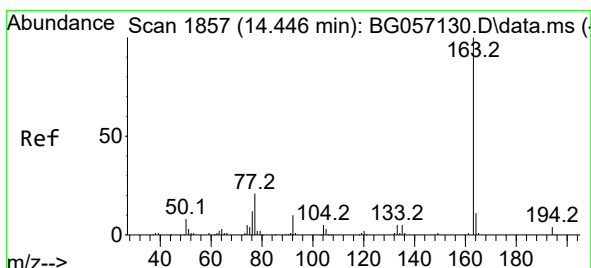
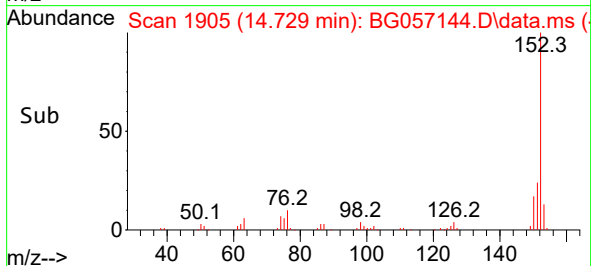
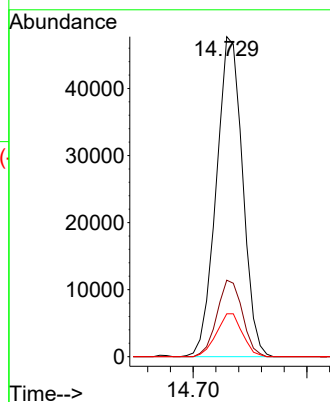
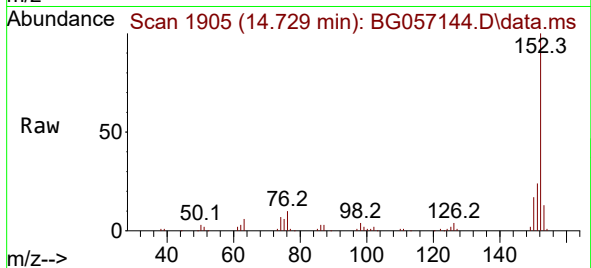
Tgt Ion:152 Resp: 76737

Ion Ratio Lower Upper

152 100

151 23.9 19.3 28.9

153 13.4 10.2 15.2



#50

Dimethylphthalate

Concen: 20.426 ng

RT: 14.436 min Scan# 1855

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

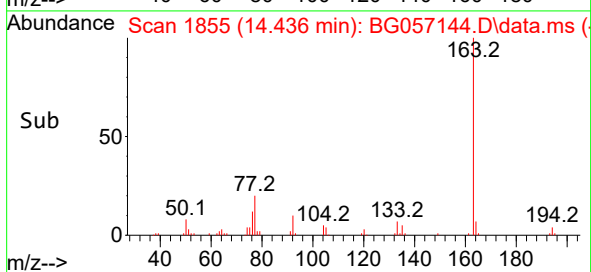
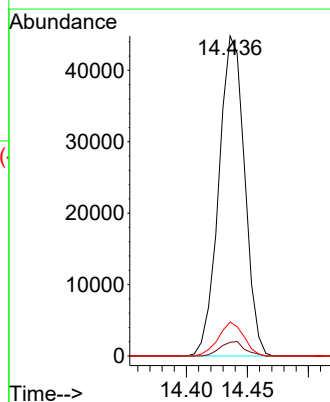
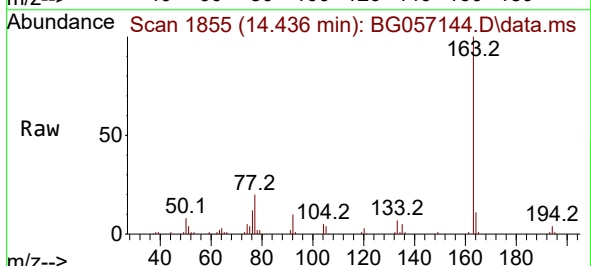
Tgt Ion:163 Resp: 66070

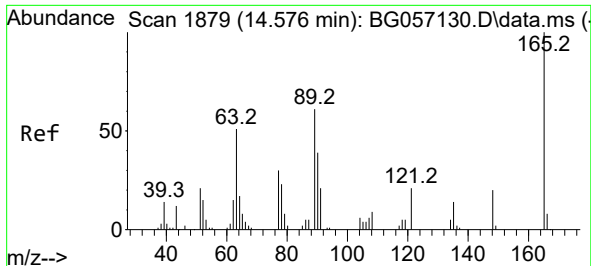
Ion Ratio Lower Upper

163 100

194 4.3 2.8 4.2#

164 10.6 8.8 13.2

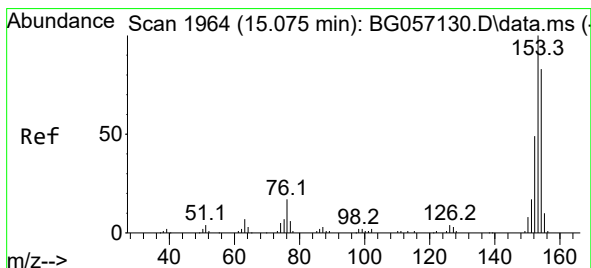
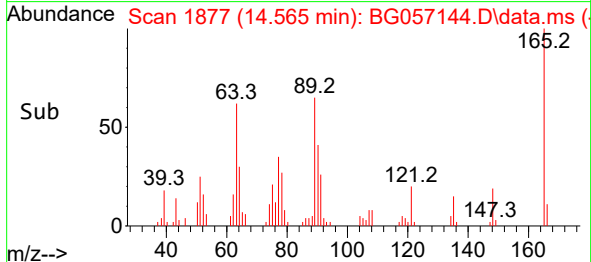
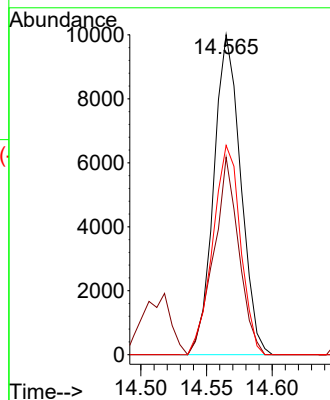
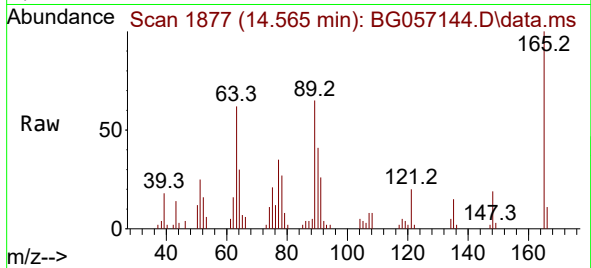




#51
2,6-Dinitrotoluene
Concen: 20.281 ng
RT: 14.565 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

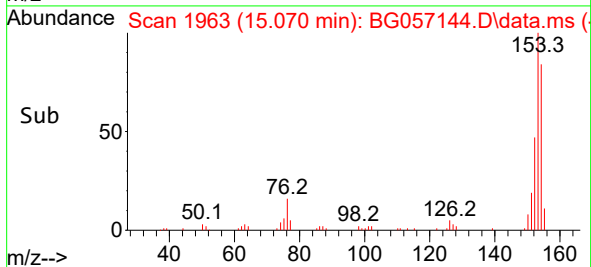
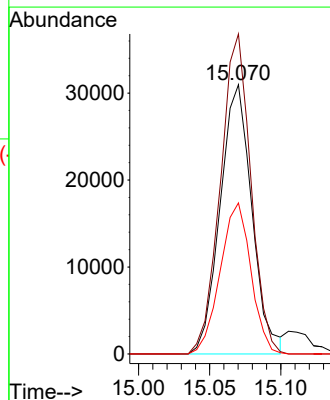
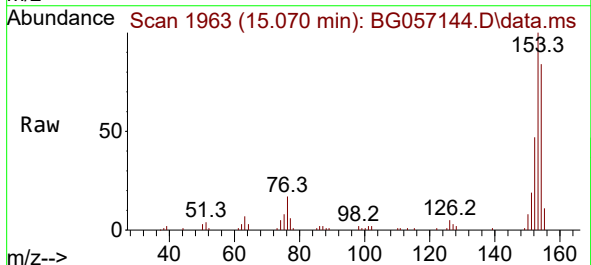
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

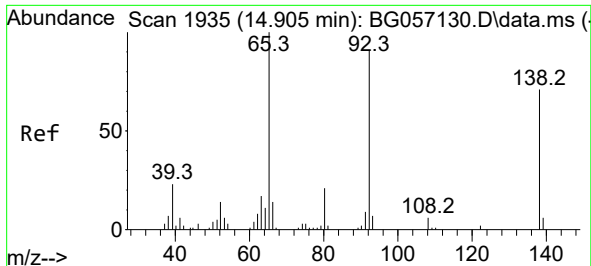
Tgt Ion:165 Resp: 14287
Ion Ratio Lower Upper
165 100
63 61.7 49.7 74.5
89 65.4 55.2 82.8



#52
Acenaphthene
Concen: 20.700 ng
RT: 15.070 min Scan# 1963
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion:154 Resp: 48105
Ion Ratio Lower Upper
154 100
153 118.8 93.2 139.8
152 56.1 44.7 67.1

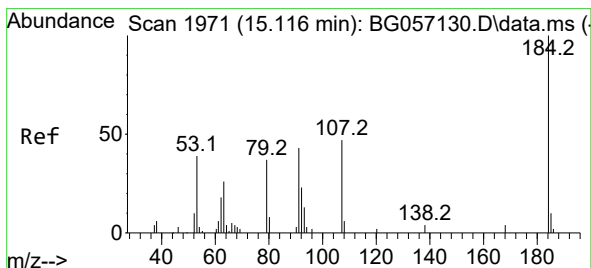
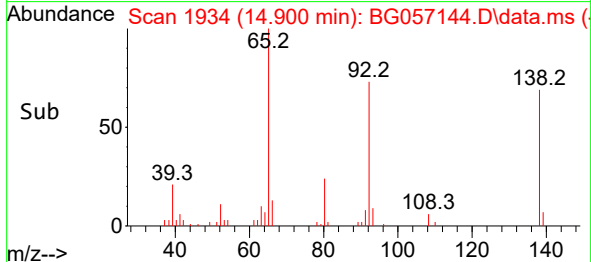
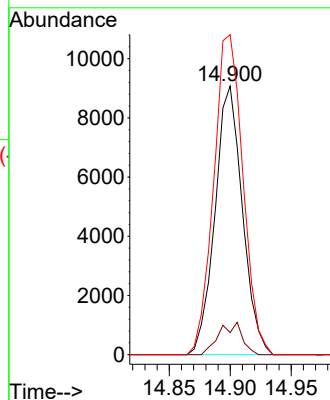
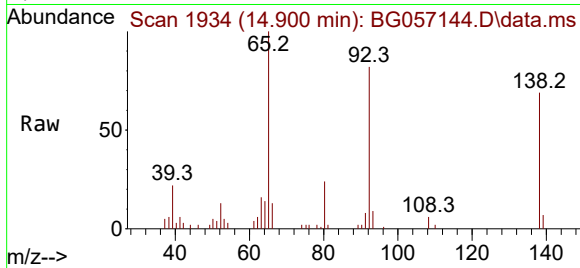




#53
3-Nitroaniline
Concen: 20.807 ng
RT: 14.900 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

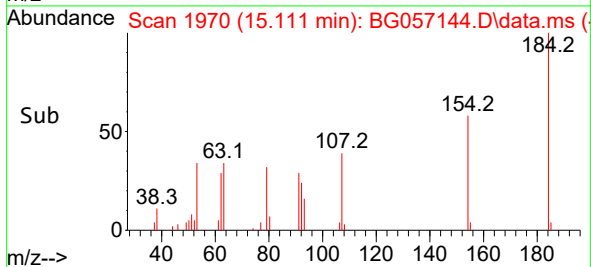
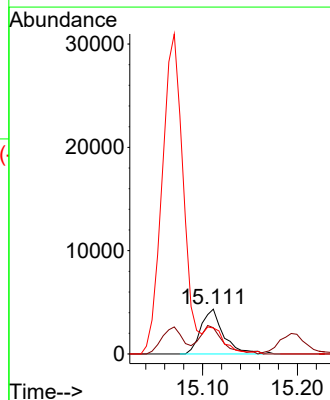
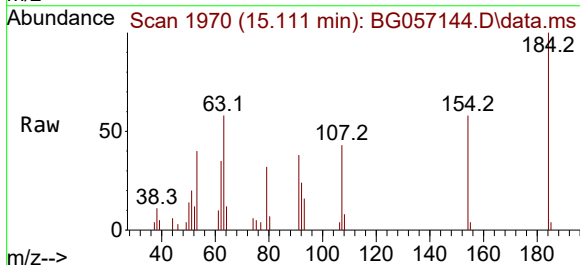
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

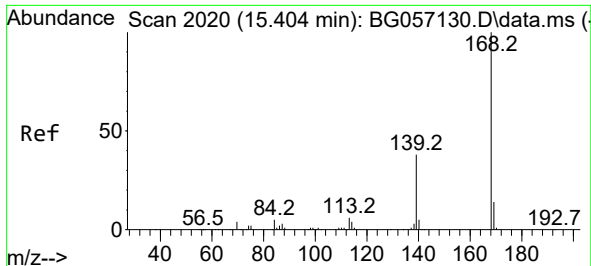
Tgt Ion:138 Resp: 14191
Ion Ratio Lower Upper
138 100
108 8.2 8.6 12.8#
92 119.1 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 18.616 ng
RT: 15.111 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion:184 Resp: 7184
Ion Ratio Lower Upper
184 100
63 58.5 51.6 77.4
154 57.8 54.5 81.7





#55

Dibenzofuran

Concen: 20.268 ng

RT: 15.399 min Scan# 20

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

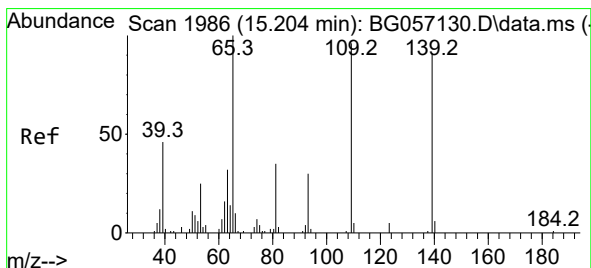
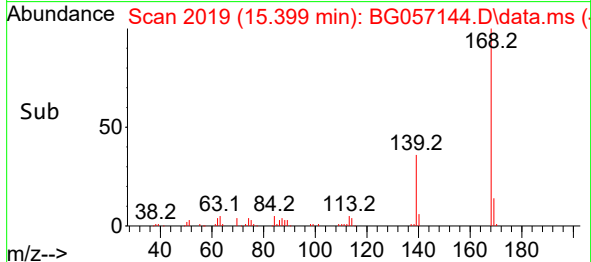
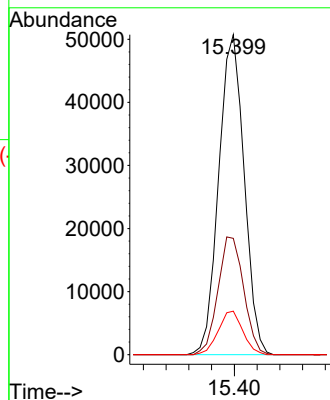
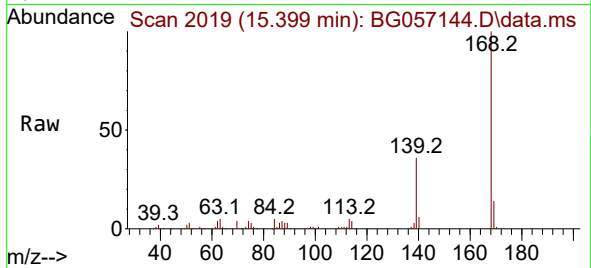
Tgt Ion:168 Resp: 78703

Ion Ratio Lower Upper

168 100

139 36.4 30.0 45.0

169 13.6 10.4 15.6



#56

4-Nitrophenol

Concen: 20.202 ng

RT: 15.194 min Scan# 1984

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

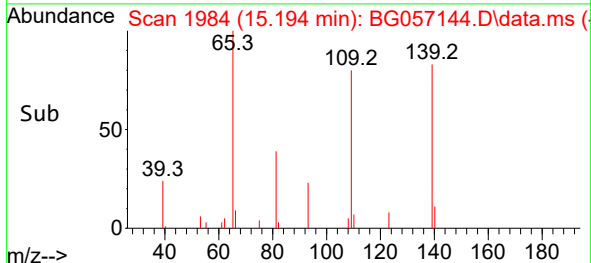
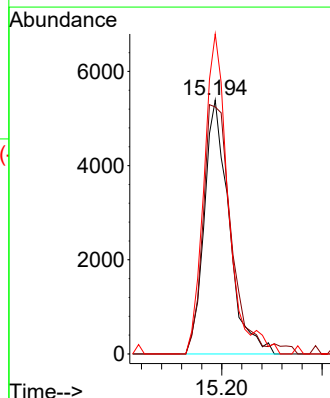
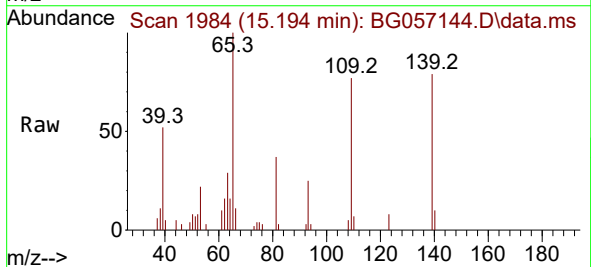
Tgt Ion:139 Resp: 9303

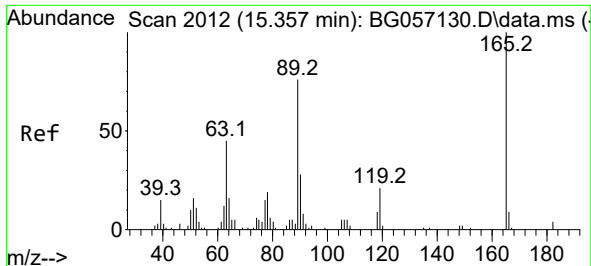
Ion Ratio Lower Upper

139 100

109 97.3 92.0 132.0

65 126.0 101.4 141.4





#57

2,4-Dinitrotoluene

Concen: 19.324 ng

RT: 15.352 min Scan# 2012

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 19296

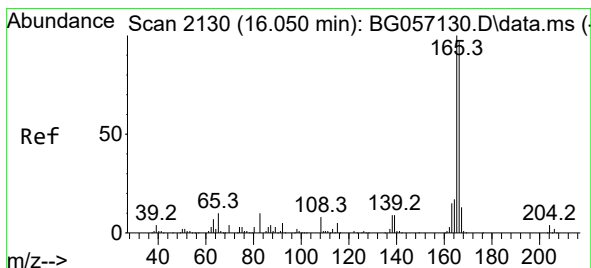
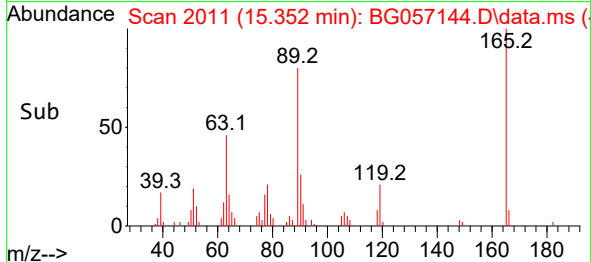
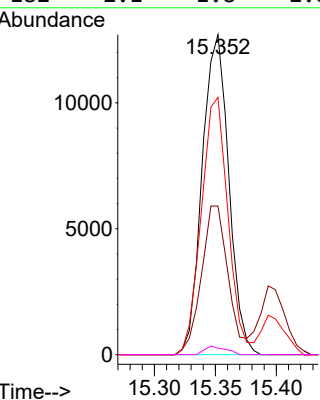
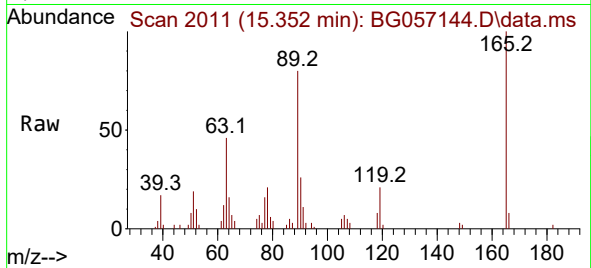
Ion Ratio Lower Upper

165 100

63 46.5 35.1 52.7

89 80.4 62.5 93.7

182 2.1 1.8 2.8



#58

Fluorene

Concen: 19.421 ng

RT: 16.045 min Scan# 2129

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

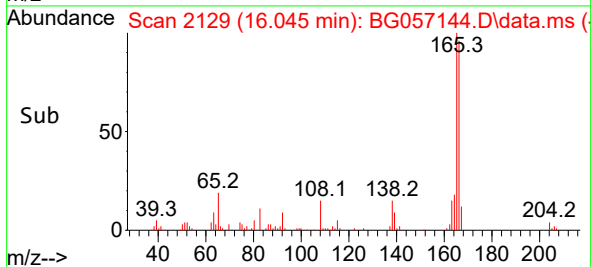
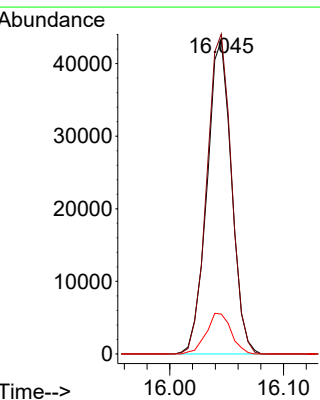
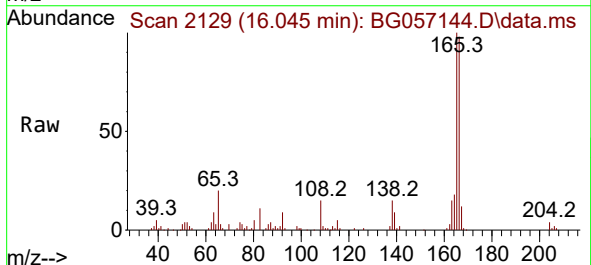
Tgt Ion:166 Resp: 64663

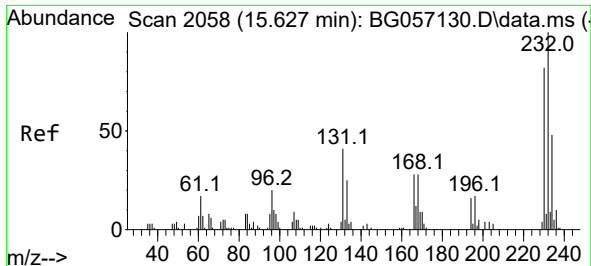
Ion Ratio Lower Upper

166 100

165 102.0 83.2 124.8

167 12.7 10.1 15.1

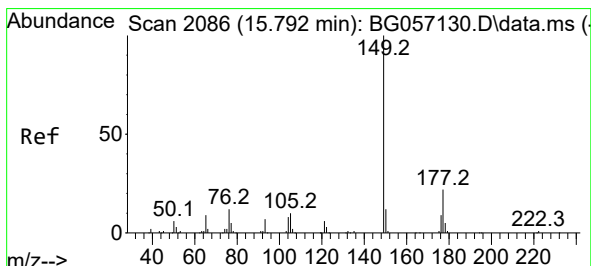
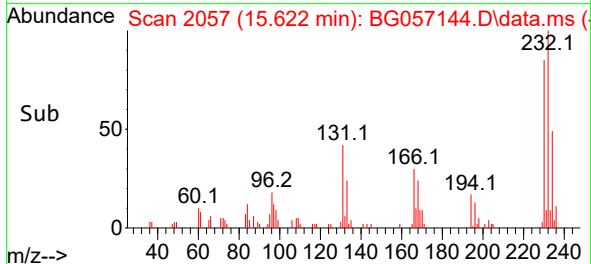
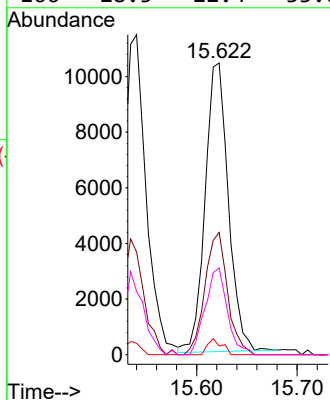
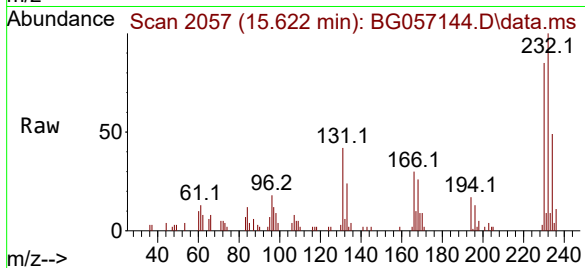




#59
2,3,4,6-Tetrachlorophenol
Concen: 18.448 ng
RT: 15.622 min Scan# 2058
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

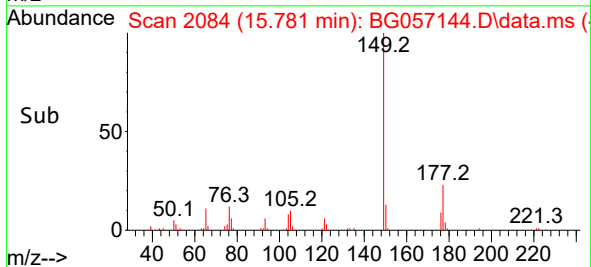
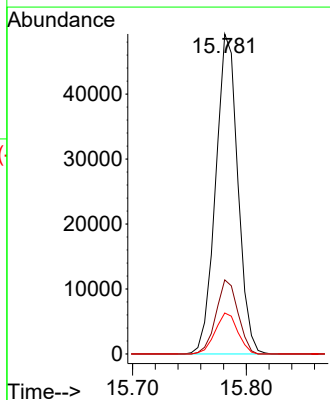
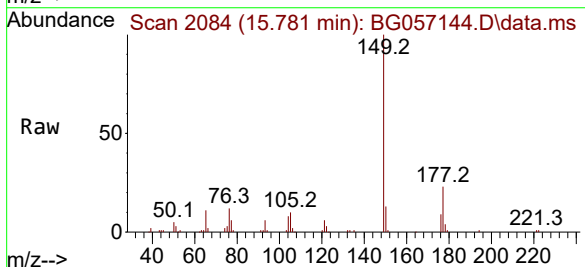
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

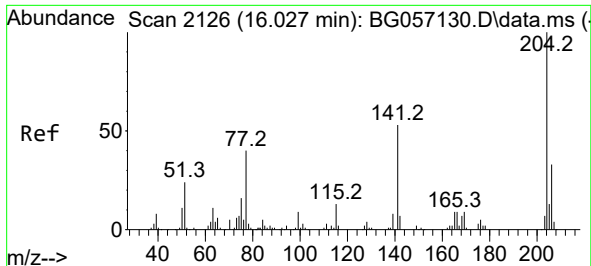
Tgt Ion:232	Resp:	16694
Ion Ratio	Lower	Upper
232	100	
131	41.3	33.1 49.7
130	3.4	2.4 3.6
166	28.5	22.4 33.6



#60
Diethylphthalate
Concen: 19.822 ng
RT: 15.781 min Scan# 2084
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion:149	Resp:	66682
Ion Ratio	Lower	Upper
149	100	
177	23.2	17.8 26.6
150	12.8	9.9 14.9

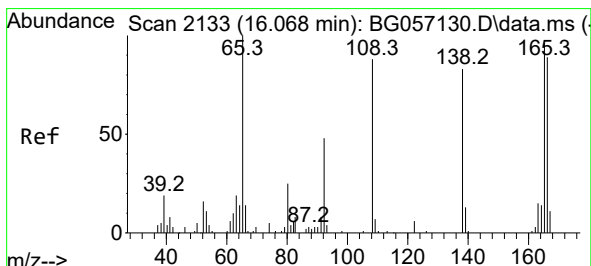
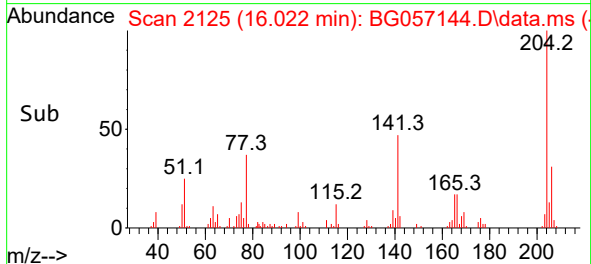
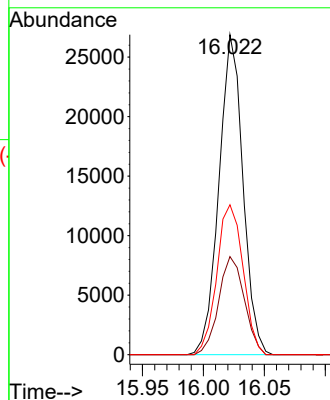
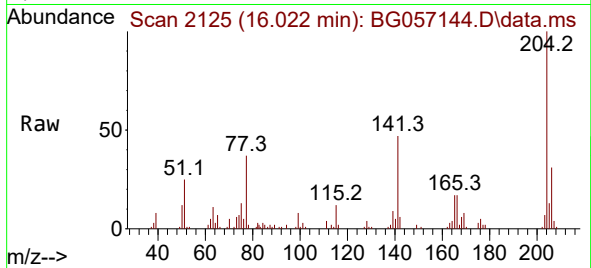




#61
4-Chlorophenyl-phenylether
Concen: 18.771 ng
RT: 16.022 min Scan# 2125
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

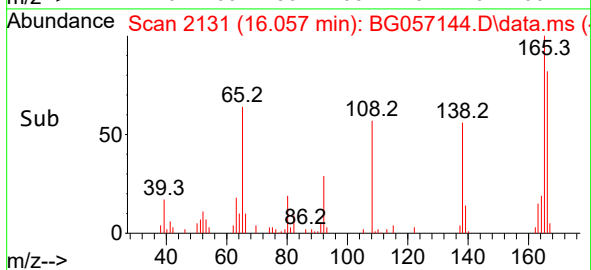
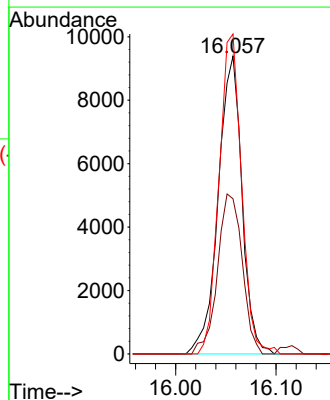
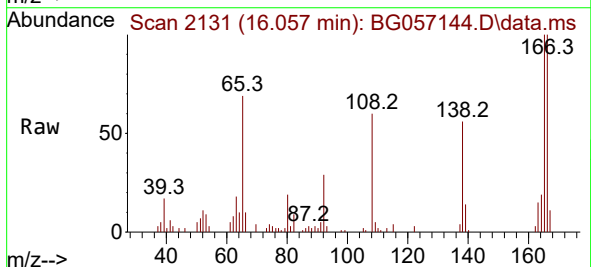
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

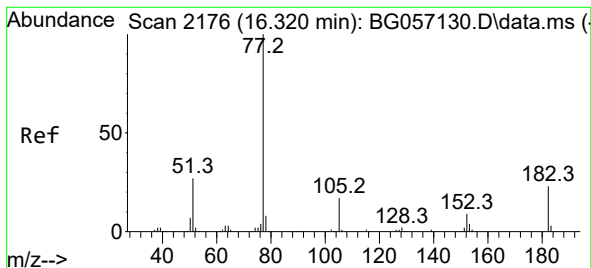
Tgt Ion:204 Resp: 36864
Ion Ratio Lower Upper
204 100
206 30.6 25.5 38.3
141 46.9 41.2 61.8



#62
4-Nitroaniline
Concen: 19.456 ng
RT: 16.057 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion:138 Resp: 15398
Ion Ratio Lower Upper
138 100
92 52.1 32.5 72.5
108 107.5 87.7 127.7





#63

Azobenzene

Concen: 20.123 ng

RT: 16.316 min Scan# 2175

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 67774

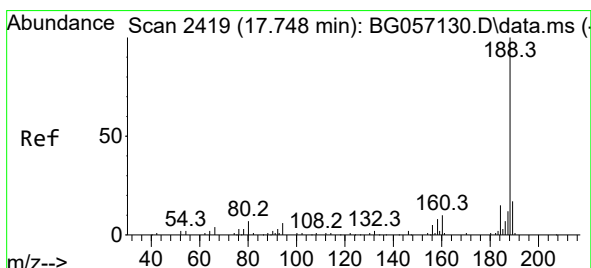
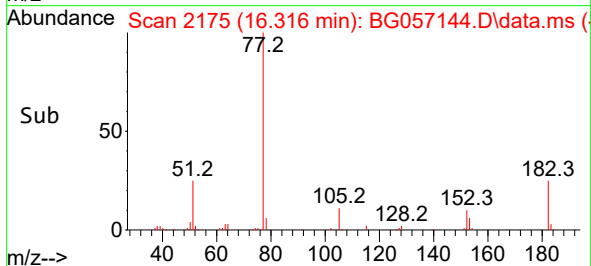
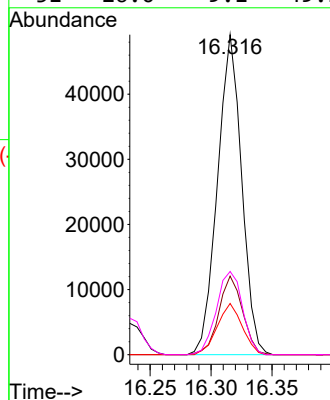
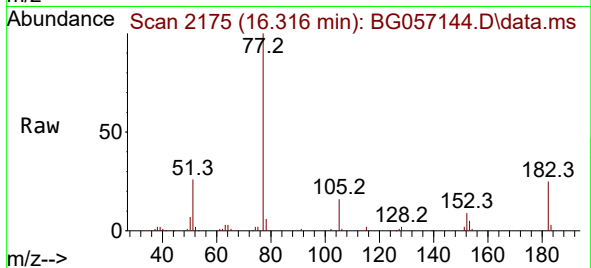
Ion Ratio Lower Upper

77 100

182 24.6 4.3 44.3

105 16.0 0.0 37.3

51 26.0 9.1 49.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.743 min Scan# 2418

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

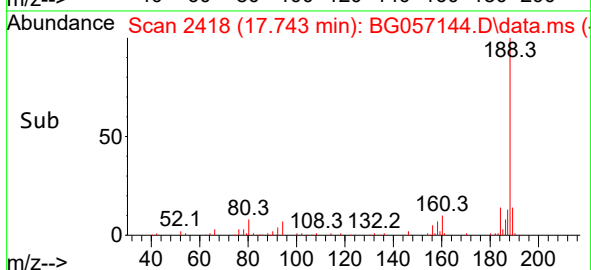
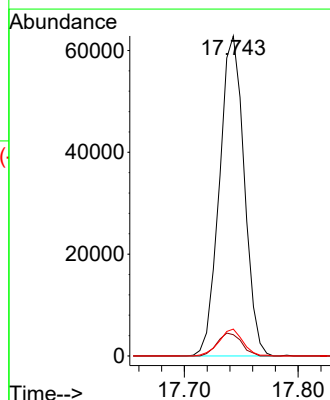
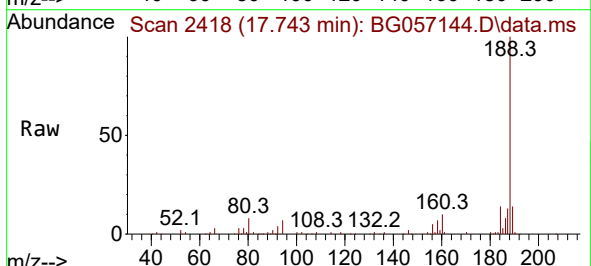
Tgt Ion: 188 Resp: 95025

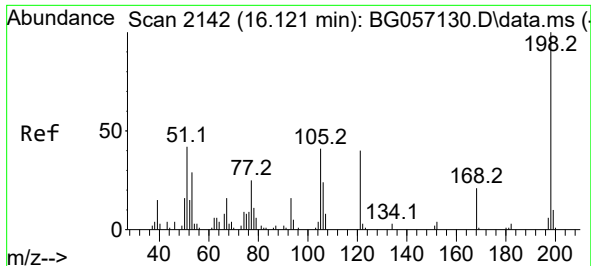
Ion Ratio Lower Upper

188 100

94 6.6 5.5 8.3

80 8.4 6.3 9.5

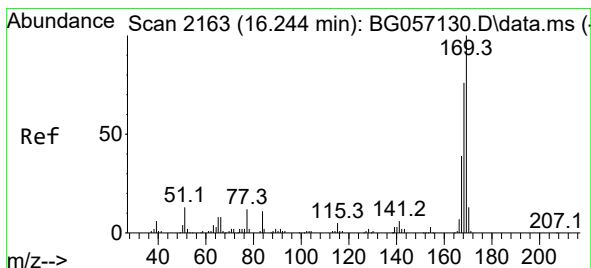
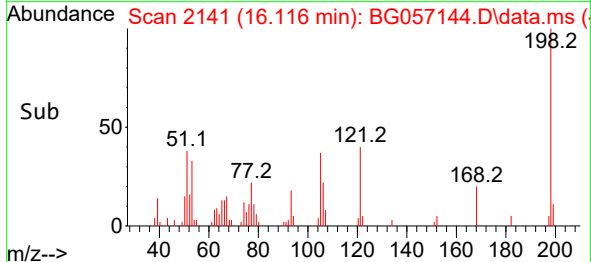
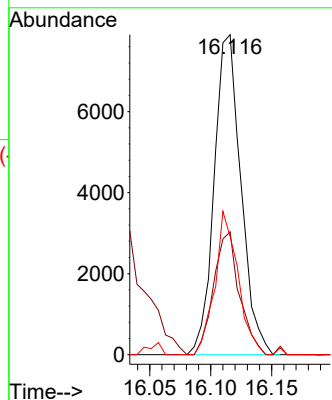
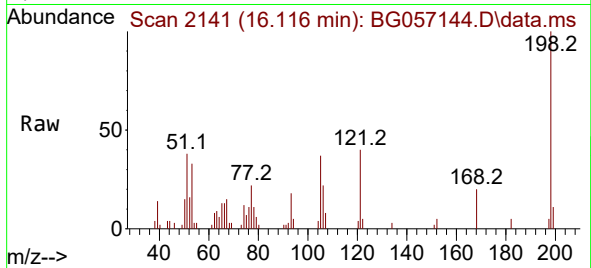




#65
4,6-Dinitro-2-methylphenol
Concen: 20.493 ng
RT: 16.116 min Scan# 2141
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

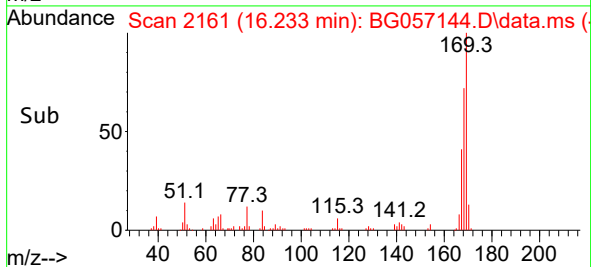
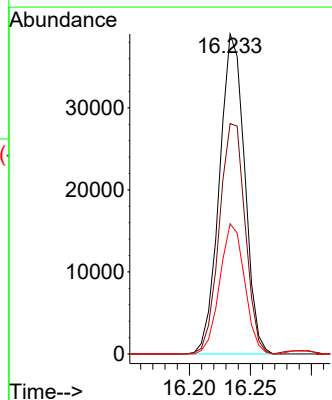
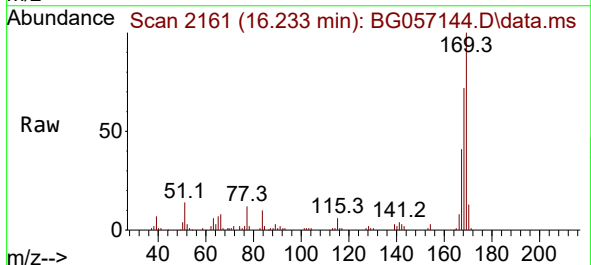
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

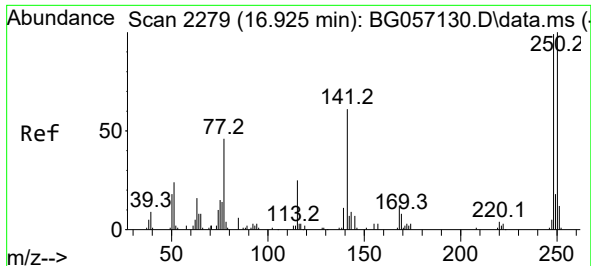
Tgt Ion:198 Resp: 12046
Ion Ratio Lower Upper
198 100
51 38.4 16.6 56.6
105 36.8 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 21.015 ng
RT: 16.233 min Scan# 2161
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion:169 Resp: 56020
Ion Ratio Lower Upper
169 100
168 72.0 59.4 89.0
167 40.7 33.0 49.4

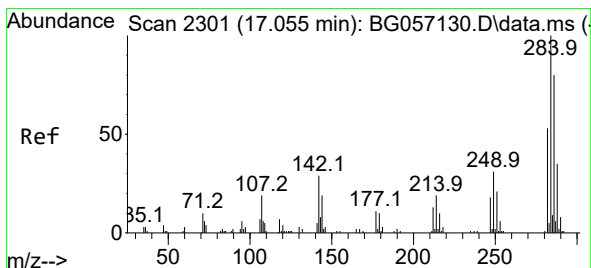
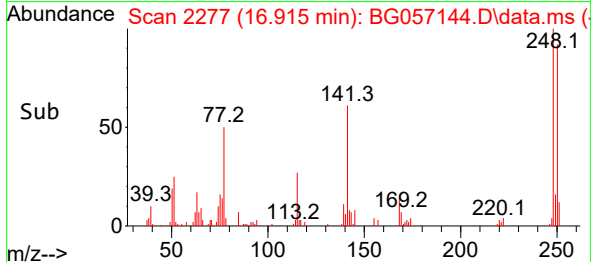
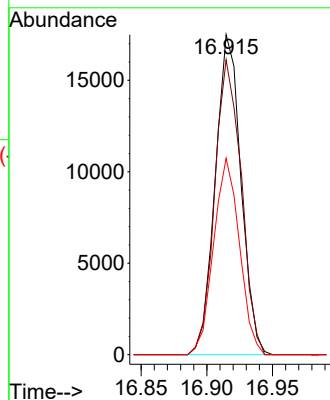
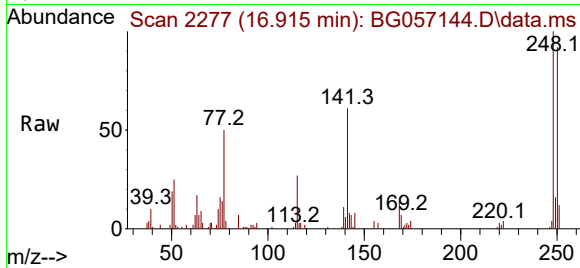




#67
4-Bromophenyl-phenylether
Concen: 20.143 ng
RT: 16.915 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

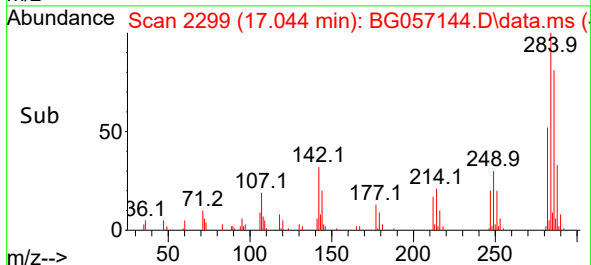
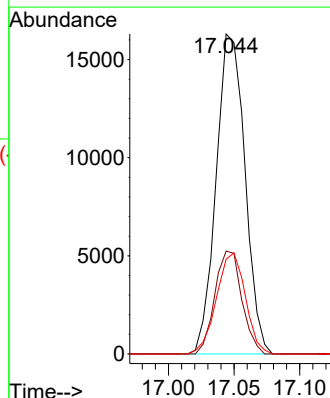
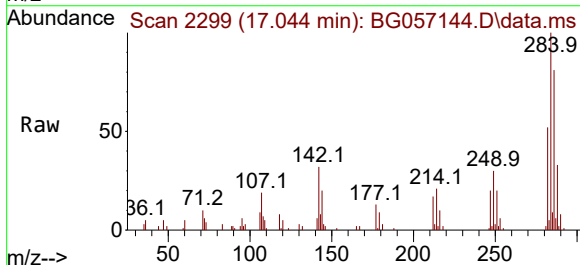
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

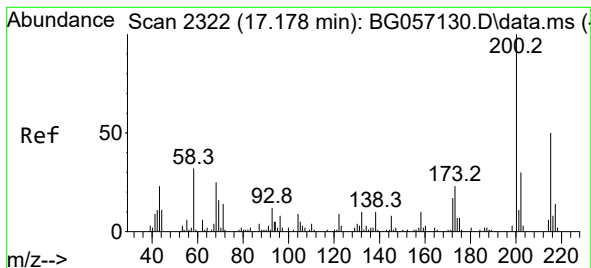
Tgt Ion:248 Resp: 23799
Ion Ratio Lower Upper
248 100
250 92.1 83.0 124.4
141 61.3 53.2 79.8



#68
Hexachlorobenzene
Concen: 20.184 ng
RT: 17.044 min Scan# 2299
Delta R.T. -0.011 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion:284 Resp: 24874
Ion Ratio Lower Upper
284 100
142 32.1 23.1 34.7
249 29.6 25.8 38.6





#69

Atrazine

Concen: 20.367 ng

RT: 17.167 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

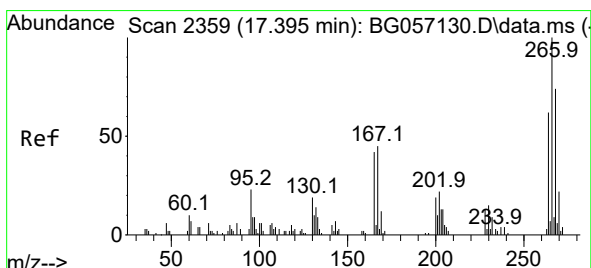
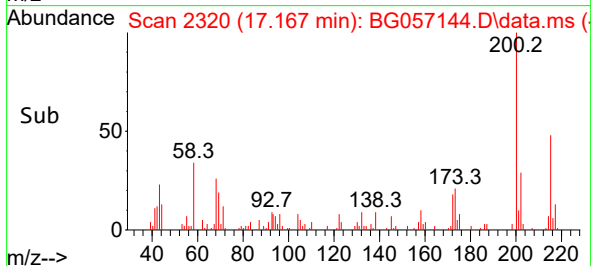
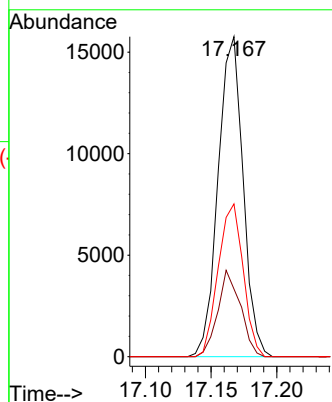
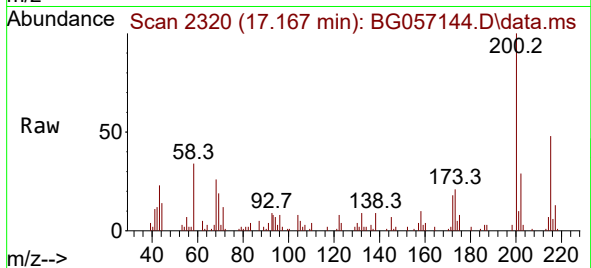
Tgt Ion:200 Resp: 20816

Ion Ratio Lower Upper

200 100

173 21.2 0.4 40.4

215 47.7 28.4 68.4



#70

Pentachlorophenol

Concen: 18.409 ng

RT: 17.391 min Scan# 2358

Delta R.T. 0.001 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

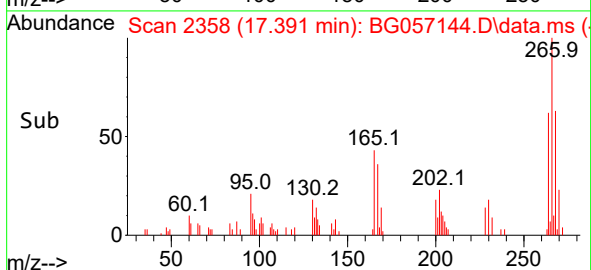
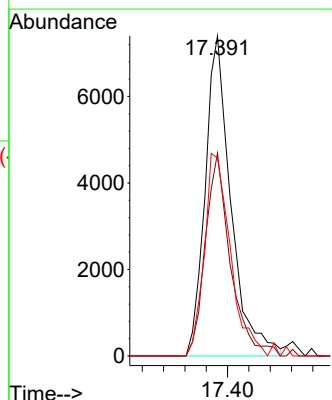
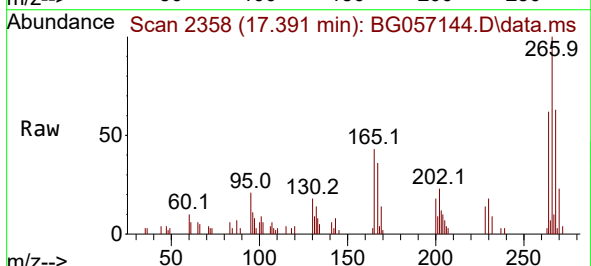
Tgt Ion:266 Resp: 12418

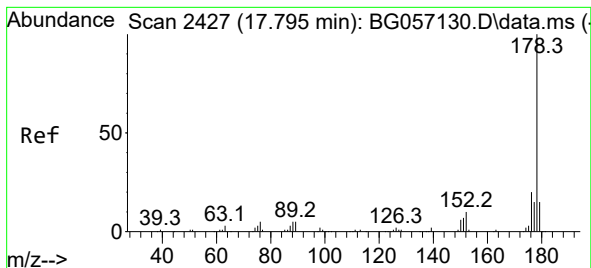
Ion Ratio Lower Upper

266 100

268 63.4 47.8 71.8

264 61.9 49.8 74.8





#71

Phenanthrene

Concen: 20.887 ng

RT: 17.784 min Scan# 2425

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

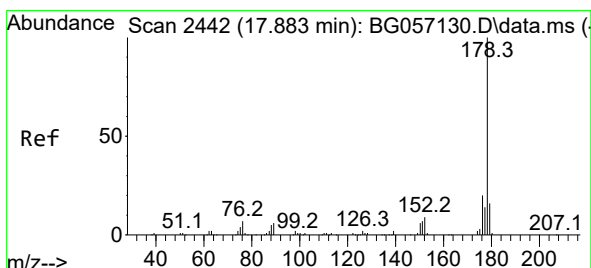
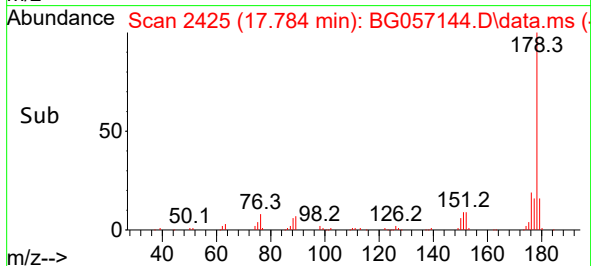
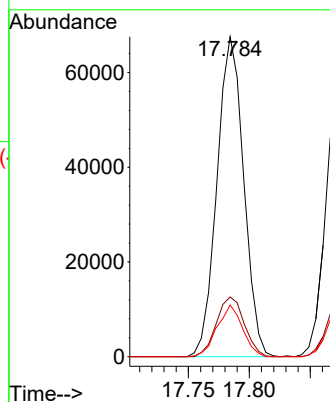
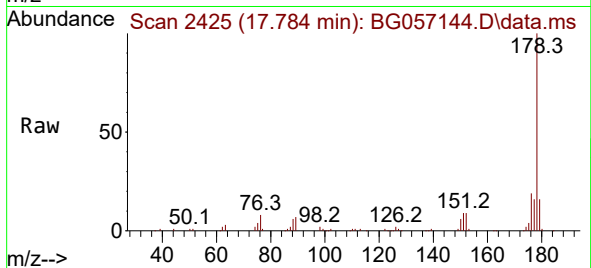
Tgt Ion:178 Resp: 102868

Ion Ratio Lower Upper

178 100

176 18.6 15.8 23.6

179 16.1 12.1 18.1



#72

Anthracene

Concen: 20.689 ng

RT: 17.872 min Scan# 2440

Delta R.T. -0.011 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

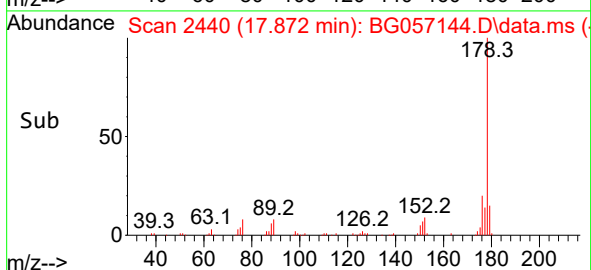
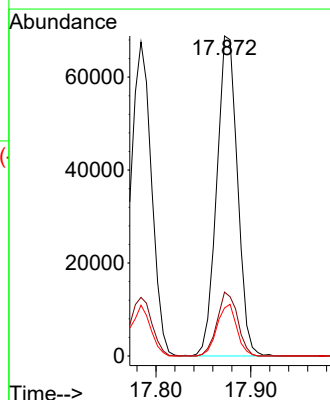
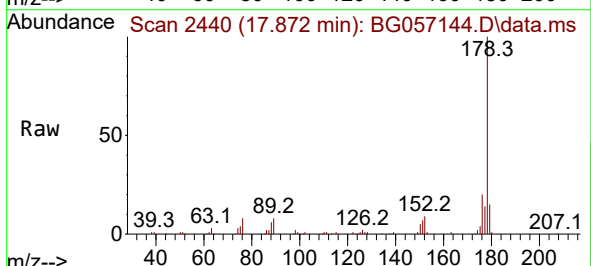
Tgt Ion:178 Resp: 104707

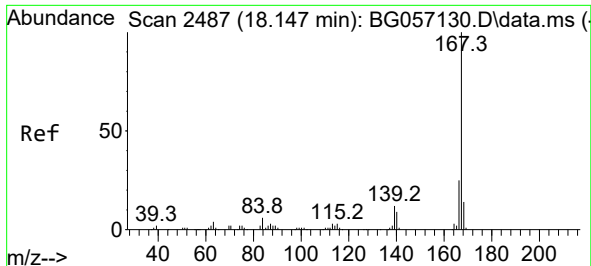
Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

179 15.0 12.5 18.7

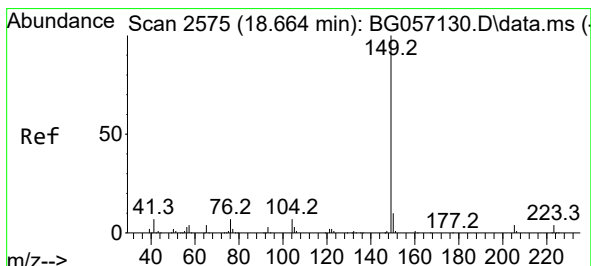
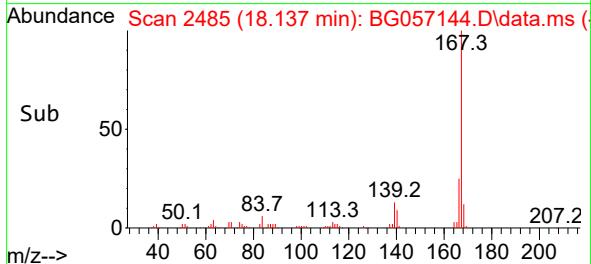
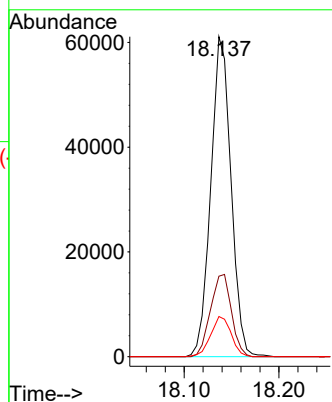
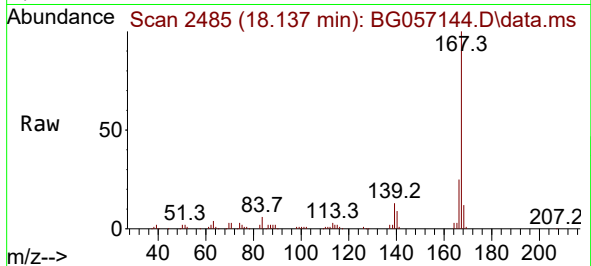




#73
Carbazole
Concen: 21.220 ng
RT: 18.137 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

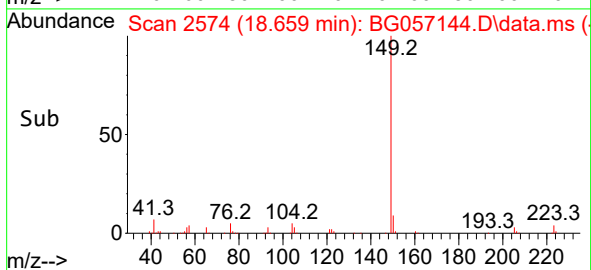
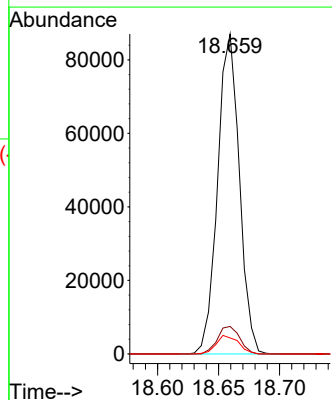
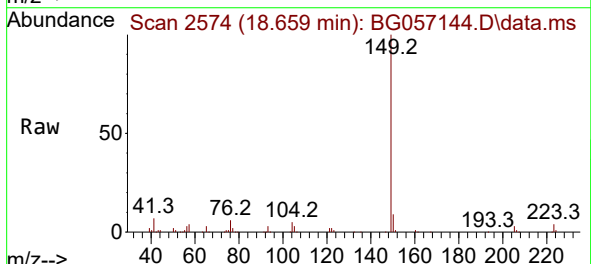
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

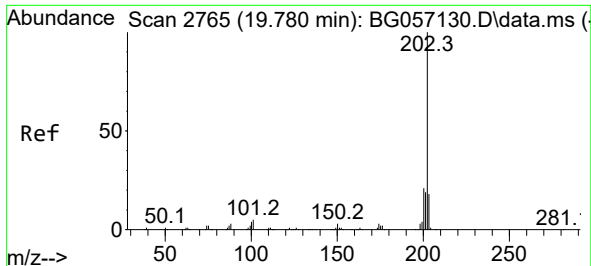
Tgt Ion:167 Resp: 90515
Ion Ratio Lower Upper
167 100
166 25.1 21.9 32.9
139 12.6 9.7 14.5



#74
Di-n-butylphthalate
Concen: 21.447 ng
RT: 18.659 min Scan# 2574
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion:149 Resp: 108065
Ion Ratio Lower Upper
149 100
150 8.6 7.1 10.7
104 5.0 4.8 7.2

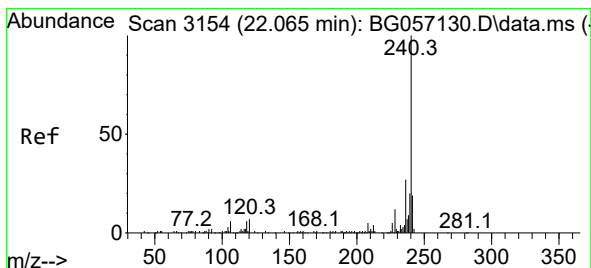
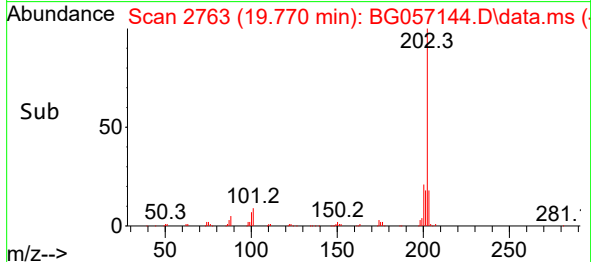
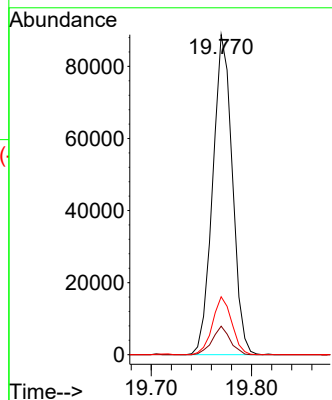
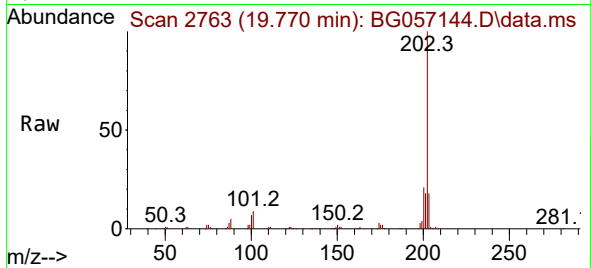




#75
Fluoranthene
Concen: 20.081 ng
RT: 19.770 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

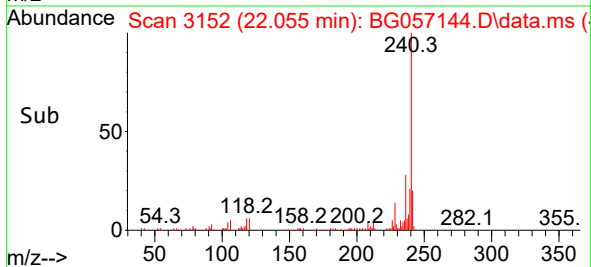
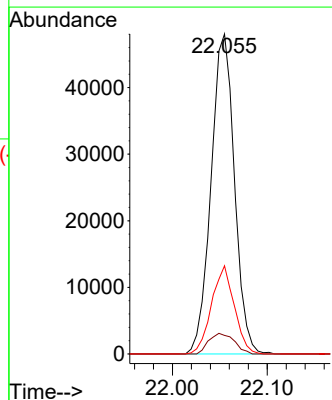
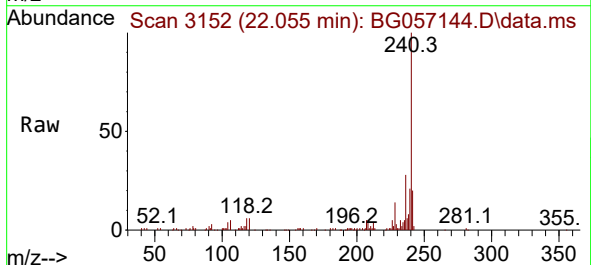
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

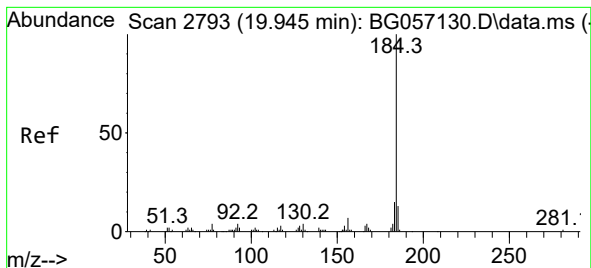
Tgt Ion:202 Resp: 120810
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.6
203 18.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.055 min Scan# 3152
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion:240 Resp: 82446
Ion Ratio Lower Upper
240 100
120 5.8 5.2 7.8
236 27.6 20.8 31.2





#77

Benzidine

Concen: 21.143 ng

RT: 19.934 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

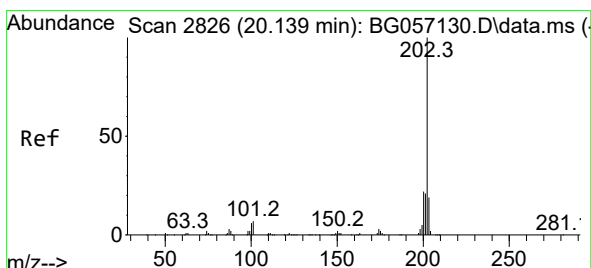
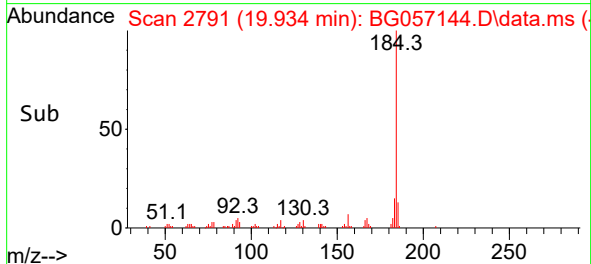
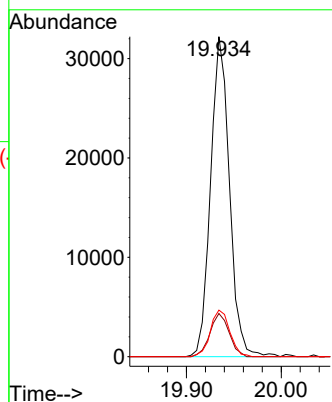
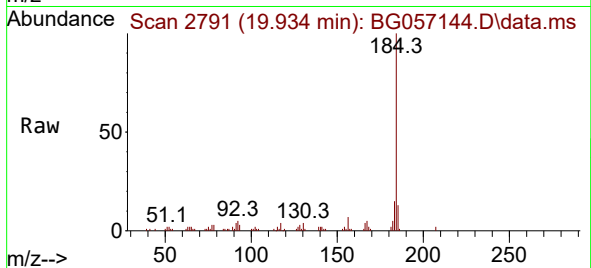
Tgt Ion:184 Resp: 44467

Ion Ratio Lower Upper

184 100

185 13.5 11.0 16.6

183 14.6 12.5 18.7



#78

Pyrene

Concen: 20.766 ng

RT: 20.128 min Scan# 2824

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

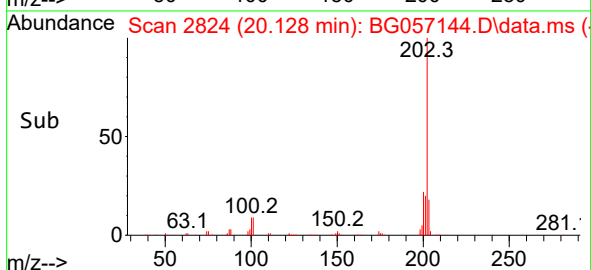
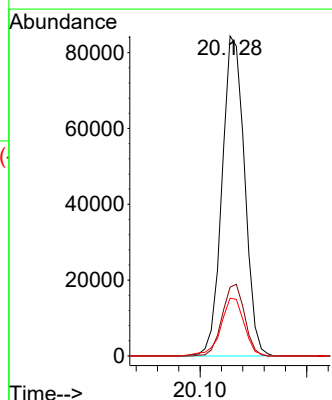
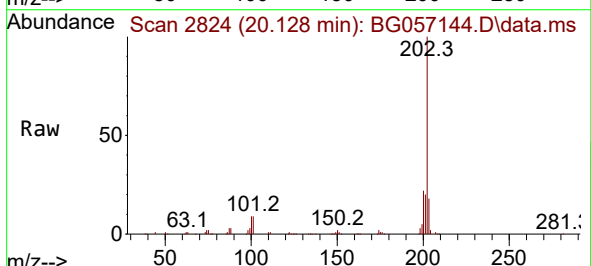
Tgt Ion:202 Resp: 123377

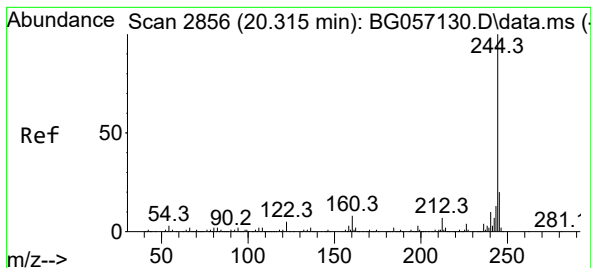
Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.8

203 18.1 15.0 22.6





#79

Terphenyl-d14

Concen: 40.164 ng

RT: 20.304 min Scan# 21

Delta R.T. -0.011 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

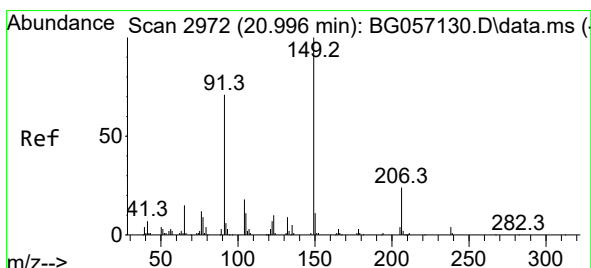
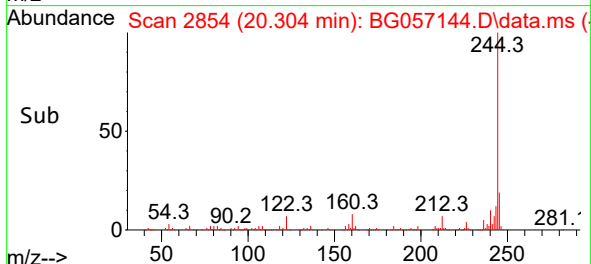
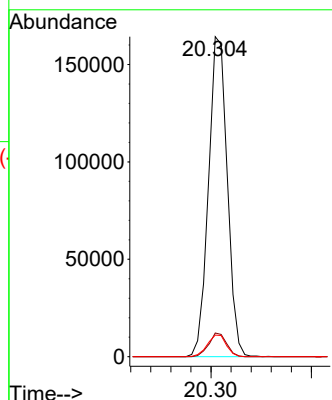
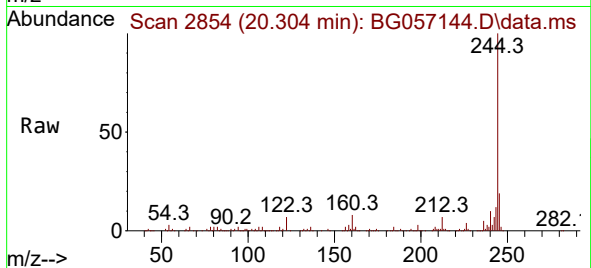
Tgt Ion:244 Resp: 213937

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 6.8 5.0 7.4



#80

Butylbenzylphthalate

Concen: 21.555 ng

RT: 20.986 min Scan# 2970

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

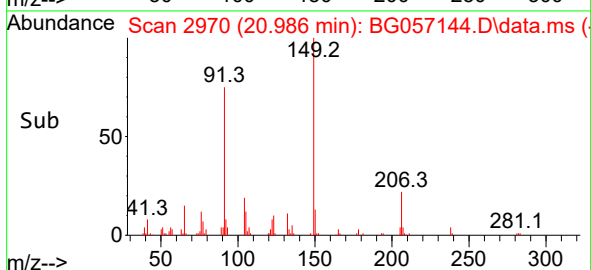
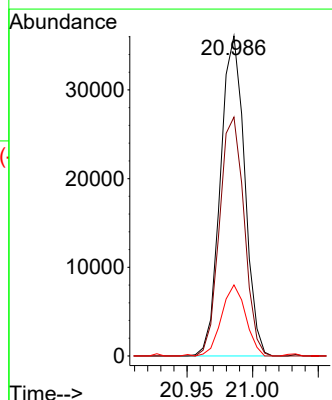
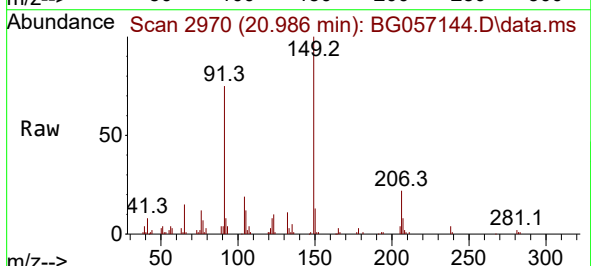
Tgt Ion:149 Resp: 46183

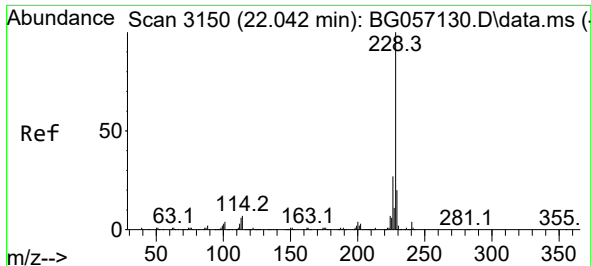
Ion Ratio Lower Upper

149 100

91 74.6 60.7 91.1

206 22.2 17.4 26.2

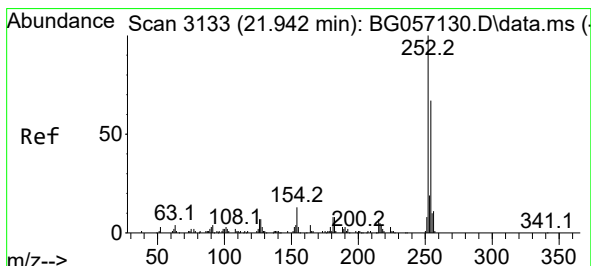
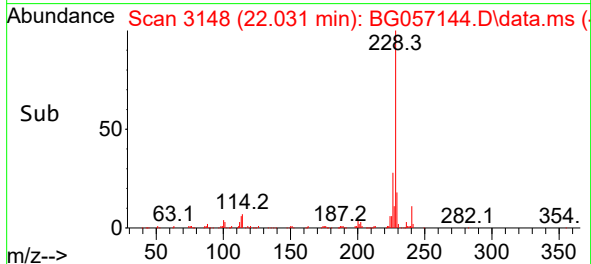
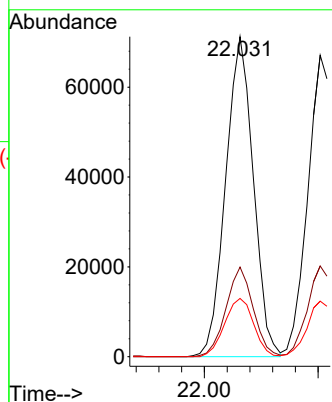
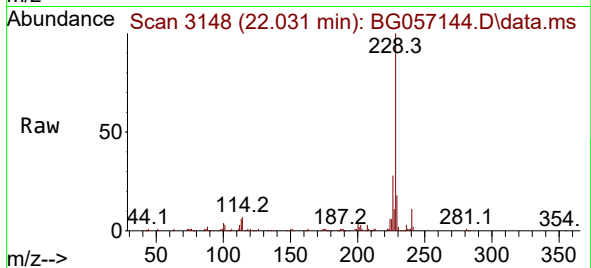




#81
Benzo(a)anthracene
Concen: 20.575 ng
RT: 22.031 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

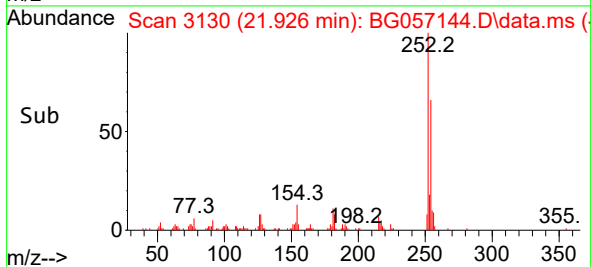
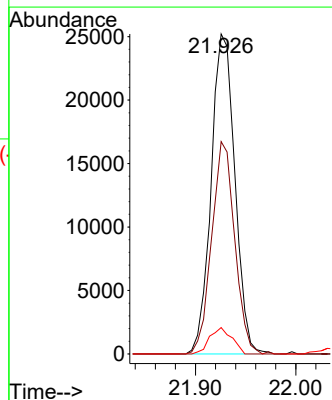
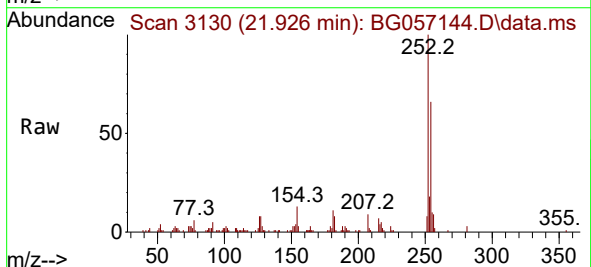
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

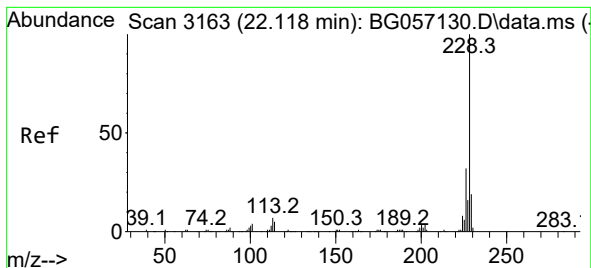
Tgt Ion:228 Resp: 120507
Ion Ratio Lower Upper
228 100
226 28.0 22.0 33.0
229 18.2 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 20.509 ng
RT: 21.926 min Scan# 3130
Delta R.T. -0.011 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion:252 Resp: 41417
Ion Ratio Lower Upper
252 100
254 66.4 51.5 77.3
126 8.3 5.2 7.8#





#83

Chrysene

Concen: 20.713 ng

RT: 22.102 min Scan# 3160

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

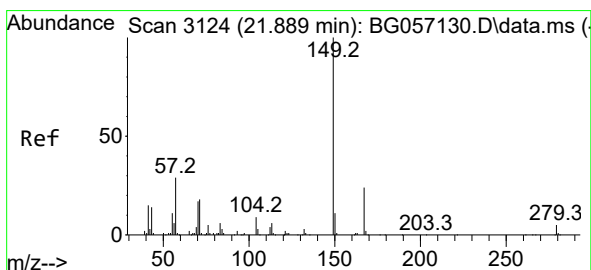
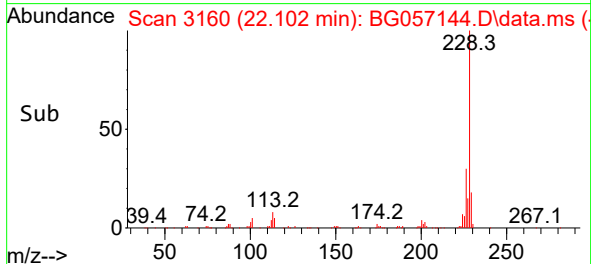
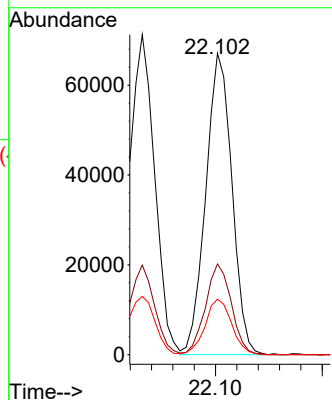
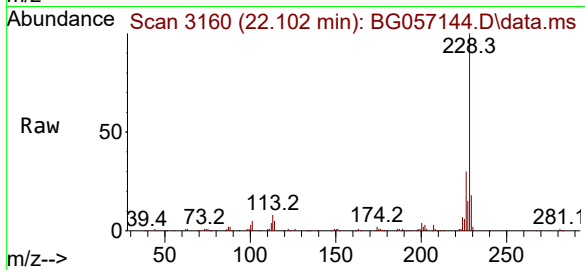
Tgt Ion:228 Resp: 114332

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

229 18.4 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 21.462 ng

RT: 21.879 min Scan# 3122

Delta R.T. -0.005 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

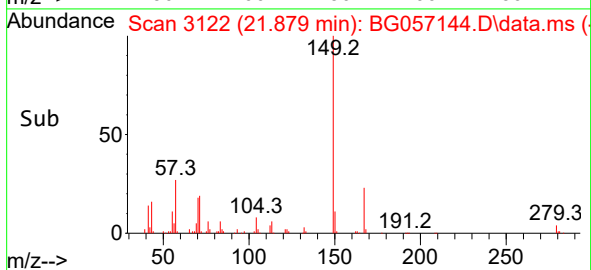
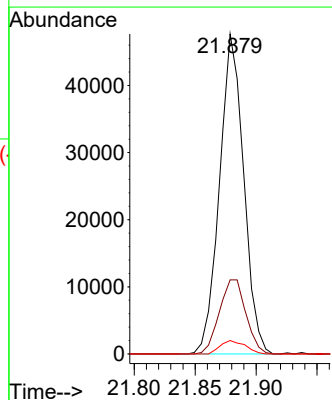
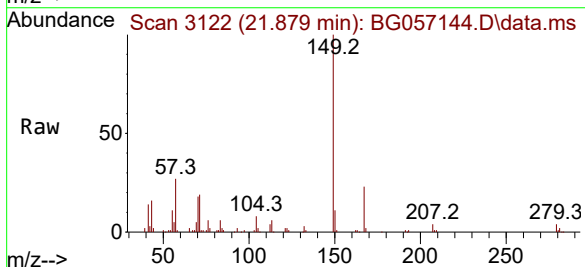
Tgt Ion:149 Resp: 65767

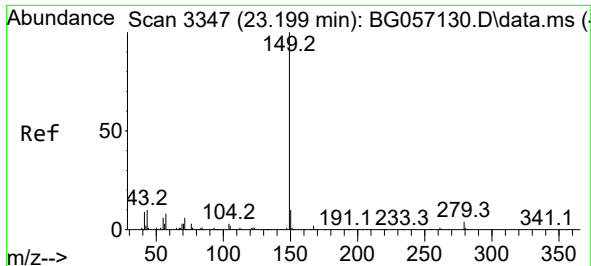
Ion Ratio Lower Upper

149 100

167 23.2 20.6 31.0

279 4.2 3.3 4.9

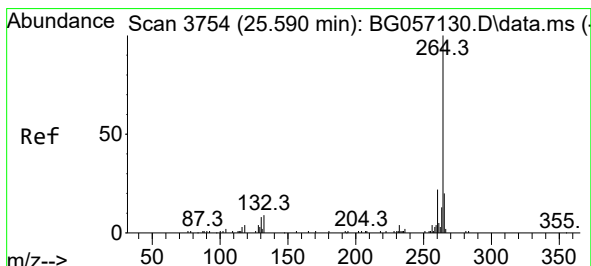
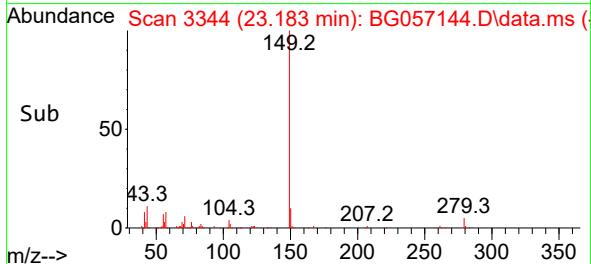
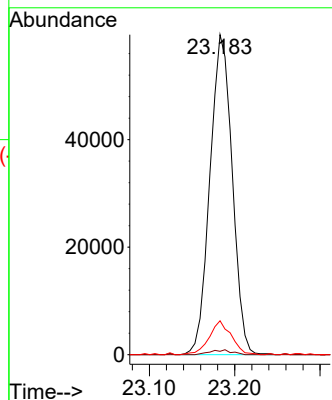
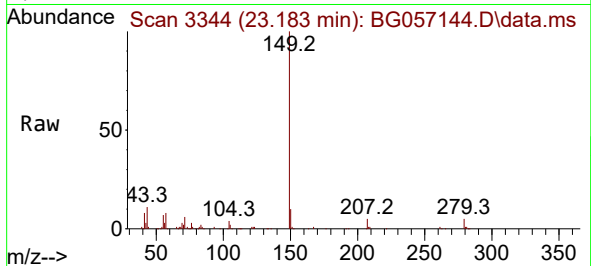




#85
Di-n-octyl phthalate
Concen: 21.407 ng
RT: 23.183 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

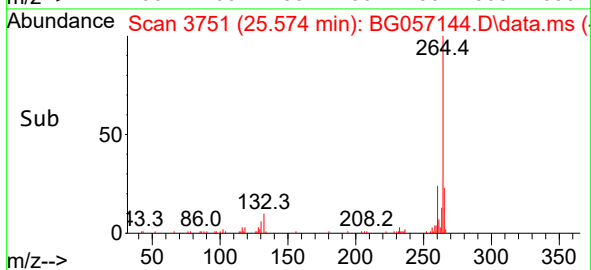
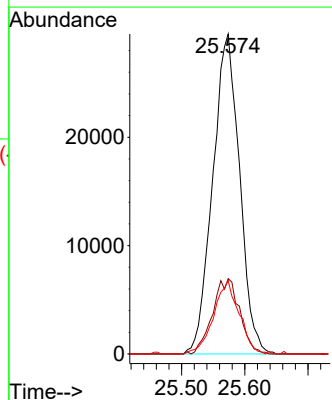
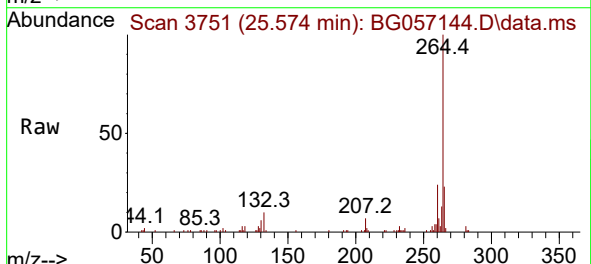
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

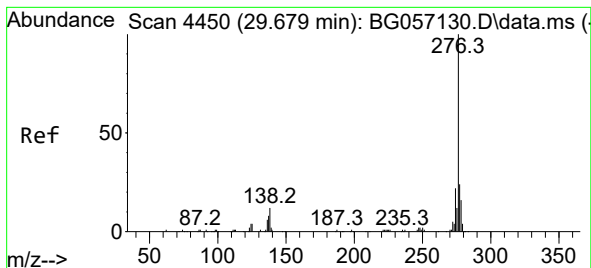
Tgt Ion:149 Resp: 107974
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.5 8.1 12.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.574 min Scan# 3751
Delta R.T. -0.005 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion:264 Resp: 87126
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 23.0 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 15.118 ng

RT: 29.633 min Scan# 44

Delta R.T. -0.023 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

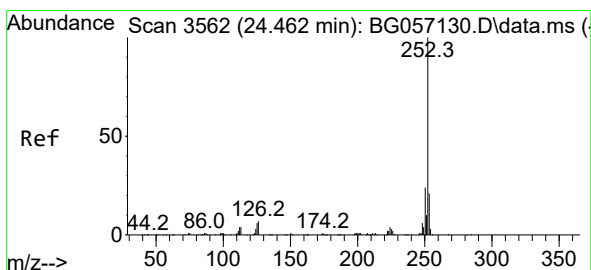
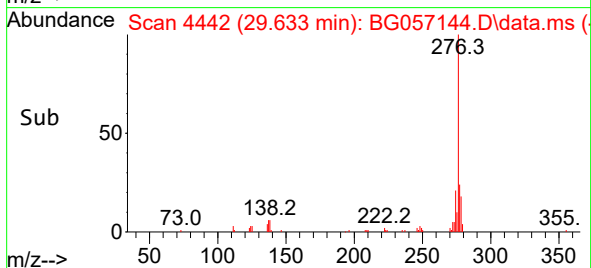
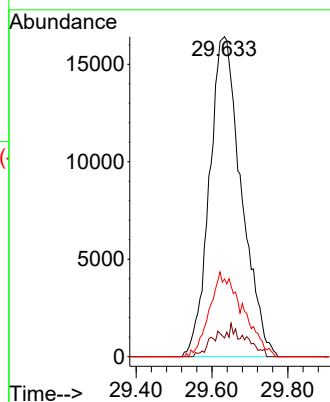
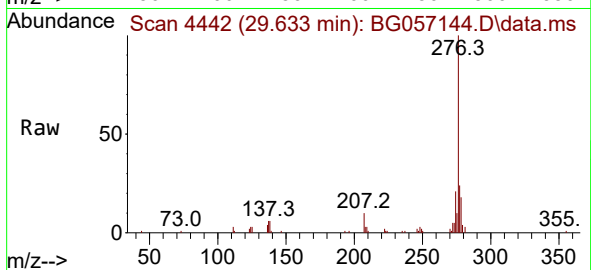
Tgt Ion:276 Resp: 96015

Ion Ratio Lower Upper

276 100

138 1.1 6.1 9.1#

277 0.0 21.4 32.0#



#88

Benzo(b)fluoranthene

Concen: 20.330 ng

RT: 24.440 min Scan# 3558

Delta R.T. -0.017 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

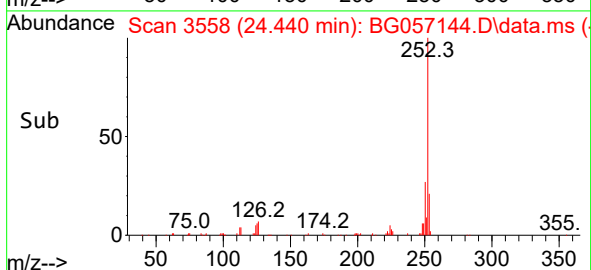
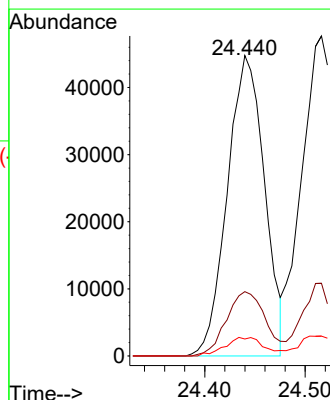
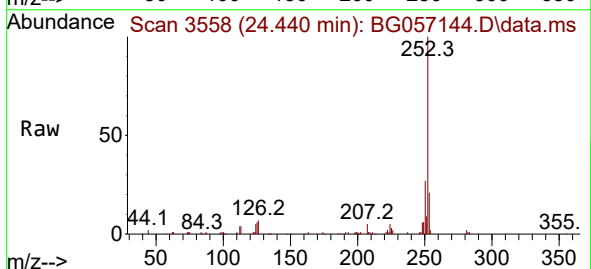
Tgt Ion:252 Resp: 115022

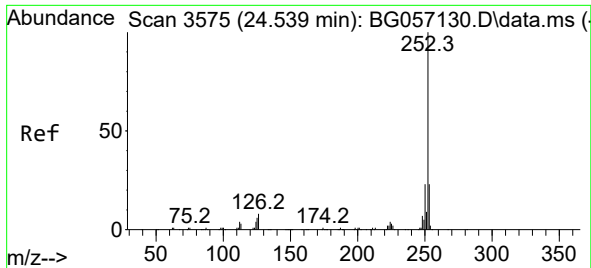
Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.2

125 5.7 4.8 7.2

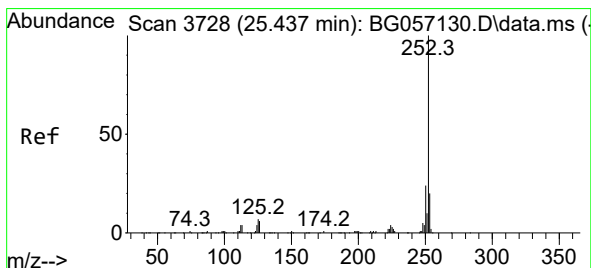
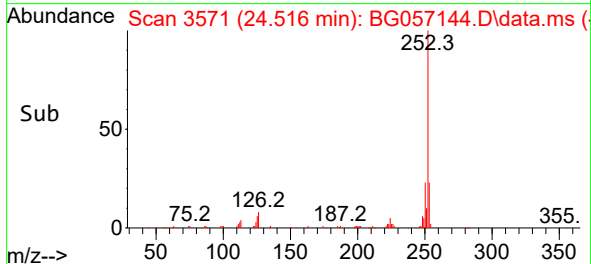
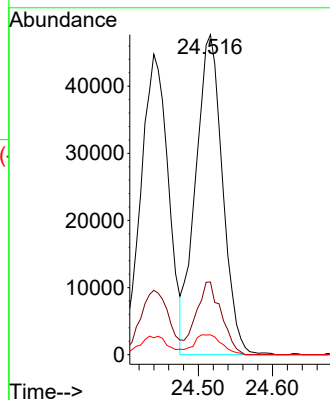
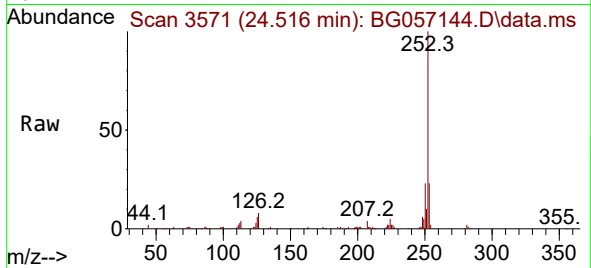




#89
Benzo(k)fluoranthene
Concen: 21.254 ng
RT: 24.516 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

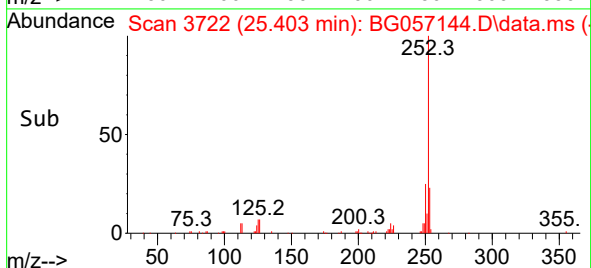
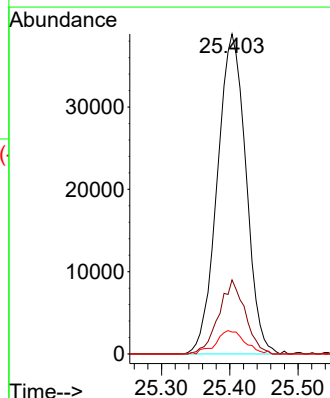
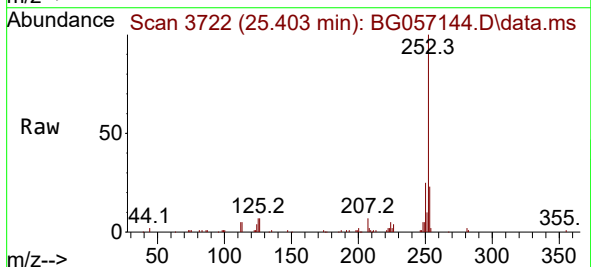
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

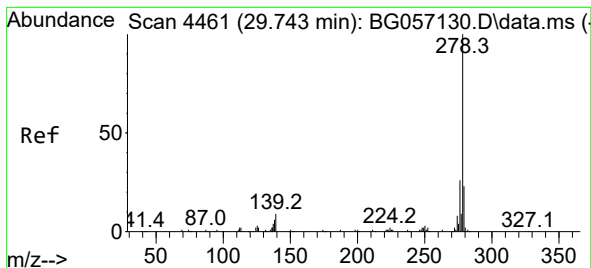
Tgt Ion:252 Resp: 120350
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 6.2 4.7 7.1



#90
Benzo(a)pyrene
Concen: 20.873 ng
RT: 25.403 min Scan# 3722
Delta R.T. -0.011 min
Lab File: BG057144.D
Acq: 20 Apr 2023 13:36

Tgt Ion:252 Resp: 113333
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.4
125 6.9 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 15.221 ng

RT: 29.697 min Scan# 4453

Delta R.T. -0.017 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

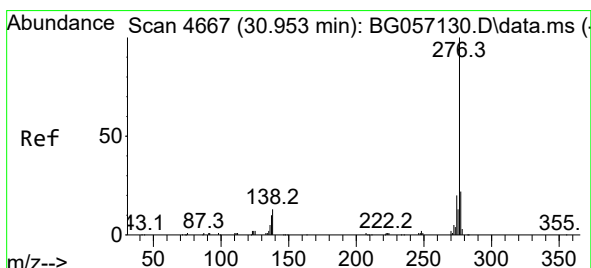
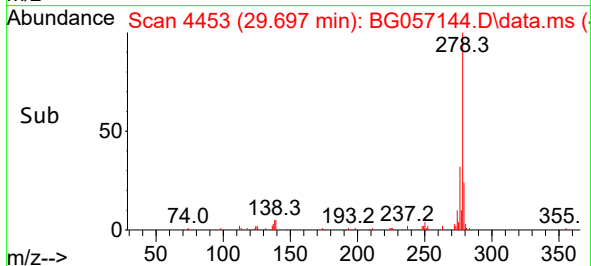
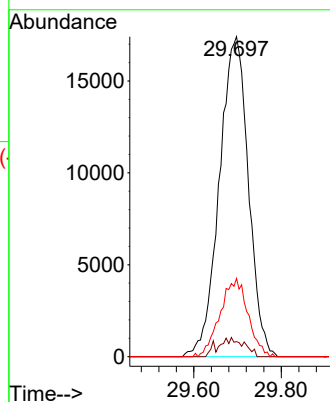
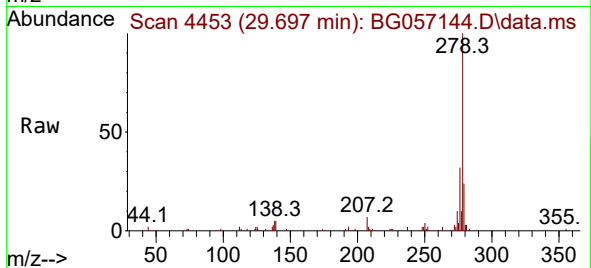
Tgt Ion:278 Resp: 80232

Ion Ratio Lower Upper

278 100

139 4.7 7.7 11.5#

279 24.4 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 15.362 ng

RT: 30.913 min Scan# 4660

Delta R.T. -0.023 min

Lab File: BG057144.D

Acq: 20 Apr 2023 13:36

Tgt Ion:276 Resp: 78383

Ion Ratio Lower Upper

276 100

277 27.2 19.4 29.0

138 11.9 9.8 14.6

