

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057418.D
 Acq On : 12 May 2023 21:02
 Operator : CG/JU
 Sample : PB152721BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB152721BS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023

Quant Time: May 13 03:21:32 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri May 12 22:04:03 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.363	152	15535	20.000	ng	0.00
21) Naphthalene-d8	11.200	136	67945	20.000	ng	0.00
39) Acenaphthene-d10	14.977	164	54735	20.000	ng	0.00
64) Phenanthrene-d10	17.720	188	140067	20.000	ng	# 0.00
76) Chrysene-d12	22.026	240	123273	20.000	ng	0.00
86) Perylene-d12	25.533	264	127307	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.878	112	111323	122.581	ng	0.00
7) Phenol-d6	7.511	99	169034	122.571	ng	0.00
23) Nitrobenzene-d5	9.543	82	101558	62.734	ng	0.00
42) 2,4,6-Tribromophenol	16.463	330	89115	114.745	ng	0.00
45) 2-Fluorobiphenyl	13.602	172	273536	67.306	ng	0.00
79) Terphenyl-d14	20.288	244	490878	64.984	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.675	88	13111	34.916	ng	98
3) Pyridine	4.098	79	35378	29.317	ng	96
4) n-Nitrosodimethylamine	4.004	42	20485	36.123	ng	# 89
6) Aniline	7.675	93	69010	39.446	ng	97
8) 2-Chlorophenol	7.922	128	48174	50.201	ng	95
9) Benzaldehyde	7.487	77	30079	41.366	ng	97
10) Phenol	7.534	94	68769	51.154	ng	99
11) bis(2-Chloroethyl)ether	7.763	93	43093	42.510	ng	99
12) 1,3-Dichlorobenzene	8.251	146	48618	45.904	ng	97
13) 1,4-Dichlorobenzene	8.398	146	49834	46.842	ng	95
14) 1,2-Dichlorobenzene	8.721	146	47483	46.233	ng	95
15) Benzyl Alcohol	8.597	79	53569	46.628	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.885	45	52789	41.316	ng	97
17) 2-Methylphenol	8.803	107	47157	48.662	ng	98
18) Hexachloroethane	9.461	117	18132	47.228	ng	97
19) n-Nitroso-di-n-propyla...	9.161	70	42870	40.768	ng	99
20) 3+4-Methylphenols	9.132	107	65050	49.023	ng	96
22) Acetophenone	9.191	105	78056	40.138	ng	# 98
24) Nitrobenzene	9.584	77	63904	39.110	ng	96
25) Isophorone	10.107	82	118099	37.621	ng	97
26) 2-Nitrophenol	10.301	139	29103	46.532	ng	97
27) 2,4-Dimethylphenol	10.348	122	54260	49.545	ng	99
28) bis(2-Chloroethoxy)met...	10.577	93	65207	41.464	ng	98
29) 2,4-Dichlorophenol	10.841	162	58059	49.984	ng	93
30) 1,2,4-Trichlorobenzene	11.059	180	57656	43.035	ng	98
31) Naphthalene	11.253	128	152246	41.913	ng	99
32) Benzoic acid	10.495	122	29534m	46.888	ng	
33) 4-Chloroaniline	11.353	127	50281	30.823	ng	99
34) Hexachlorobutadiene	11.523	225	41418	41.664	ng	98
35) Caprolactam	12.122	113	18118m	45.663	ng	
36) 4-Chloro-3-methylphenol	12.451	107	63212	47.888	ng	98
37) 2-Methylnaphthalene	12.833	142	117651	41.195	ng	98
38) 1-Methylnaphthalene	13.044	142	112069	41.632	ng	97
40) 1,2,4,5-Tetrachloroben...	13.191	216	84948	43.717	ng	99
41) Hexachlorocyclopentadiene	13.162	237	82278	87.455	ng	98
43) 2,4,6-Trichlorophenol	13.426	196	55874	47.198	ng	97

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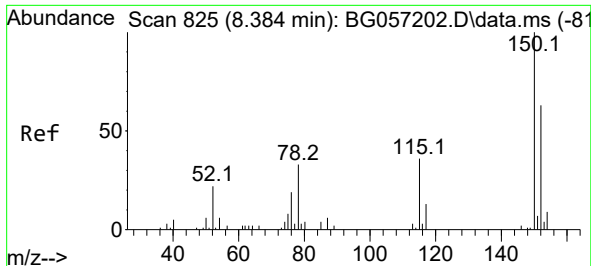
Manual Integrations
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 Supervised By : Yogesh Patel 05/16/2023

Quant Time: May 13 03:21:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
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 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

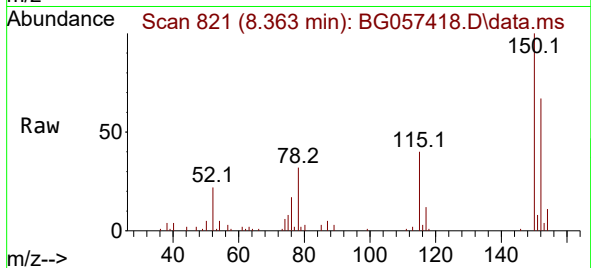
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.503	196	58780	42.211	ng	98
46) 1,1'-Biphenyl	13.814	154	173574	42.736	ng	99
47) 2-Chloronaphthalene	13.867	162	132836	43.982	ng	98
48) 2-Nitroaniline	14.067	65	43493	42.352	ng	88
49) Acenaphthylene	14.707	152	210583	42.917	ng	100
50) Dimethylphthalate	14.419	163	182213	40.511	ng	98
51) 2,6-Dinitrotoluene	14.548	165	40645	44.259	ng	91
52) Acenaphthene	15.042	154	131938	43.031	ng	97
53) 3-Nitroaniline	14.883	138	29152	31.686	ng	93
54) 2,4-Dinitrophenol	15.095	184	50126	87.638	ng	98
55) Dibenzofuran	15.377	168	220235	42.750	ng	97
56) 4-Nitrophenol	15.189	139	56164	91.786	ng	93
57) 2,4-Dinitrotoluene	15.335	165	57989	44.183	ng	# 94
58) Fluorene	16.017	166	180477	42.531	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.600	232	57798	45.781	ng	# 100
60) Diethylphthalate	15.758	149	182623	39.981	ng	98
61) 4-Chlorophenyl-phenyle...	15.999	204	107580	42.083	ng	97
62) 4-Nitroaniline	16.040	138	38332	41.300	ng	97
63) Azobenzene	16.293	77	169107	38.370	ng	96
65) 4,6-Dinitro-2-methylph...	16.099	198	41264	49.344	ng	98
66) n-Nitrosodiphenylamine	16.211	169	159057	41.811	ng	98
67) 4-Bromophenyl-phenylether	16.892	248	72337	42.306	ng	97
68) Hexachlorobenzene	17.027	284	75307	45.322	ng	96
69) Atrazine	17.145	200	70441	48.540	ng	96
70) Pentachlorophenol	17.368	266	83462	87.157	ng	96
71) Phenanthrene	17.762	178	297533	41.455	ng	100
72) Anthracene	17.856	178	304107	41.294	ng	98
73) Carbazole	18.120	167	264104	42.598	ng	99
74) Di-n-butylphthalate	18.637	149	294866	41.336	ng	98
75) Fluoranthene	19.753	202	359933	40.321	ng	97
77) Benzidine	19.917	184	237815	86.292	ng	100
78) Pyrene	20.111	202	363690	40.601	ng	100
80) Butylbenzylphthalate	20.963	149	128091	45.067	ng	95
81) Benzo(a)anthracene	22.009	228	365889	41.660	ng	99
82) 3,3'-Dichlorobenzidine	21.903	252	95668	34.007	ng	96
83) Chrysene	22.079	228	329671	39.894	ng	99
84) Bis(2-ethylhexyl)phtha...	21.850	149	180636	42.955	ng	99
85) Di-n-octyl phthalate	23.142	149	302232	43.110	ng	98
87) Indeno(1,2,3-cd)pyrene	29.581	276	406797	43.844	ng	# 96
88) Benzo(b)fluoranthene	24.411	252	371464	44.637	ng	99
89) Benzo(k)fluoranthene	24.482	252	354515	41.922	ng	100
90) Benzo(a)pyrene	25.369	252	323475	39.787	ng	98
91) Dibenzo(a,h)anthracene	29.645	278	337674	43.701	ng	100
92) Benzo(g,h,i)perylene	30.861	276	324341	42.989	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.363 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

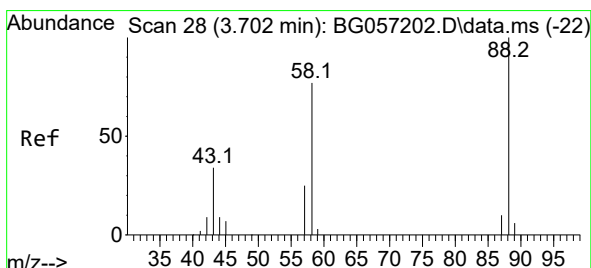
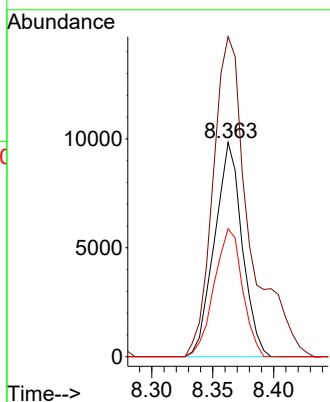
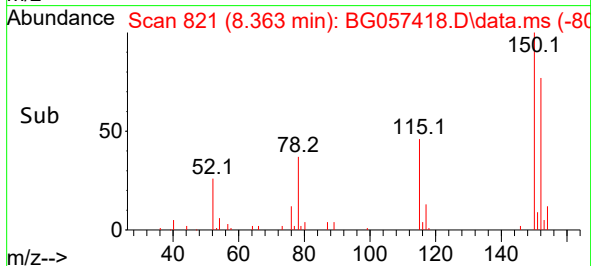
Instrument :
BNA_G
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PB152721BS



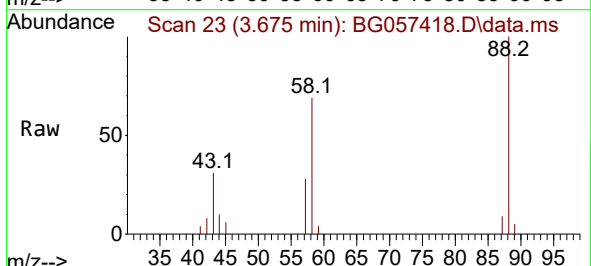
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Ion Ratio Lower Upper
152 100
150 149.4 126.2 189.4
115 59.8 45.0 67.4

Manual Integrations
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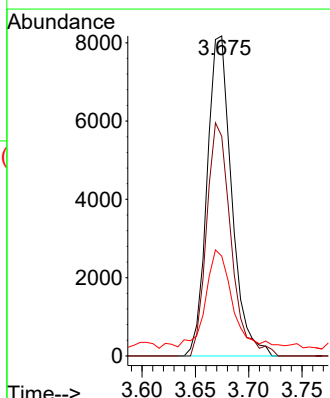
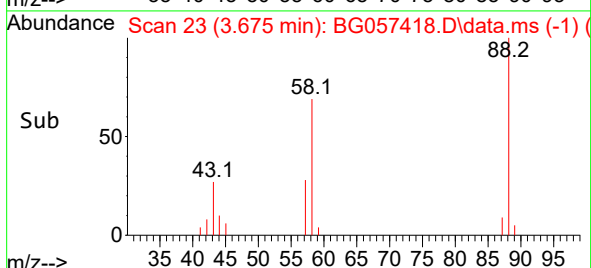
Reviewed By :Christian Giraldo 05/15/2023
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#2
1,4-Dioxane
Concen: 34.916 ng
RT: 3.675 min Scan# 23
Delta R.T. -0.007 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02



Tgt Ion: 88 Resp: 13111
Ion Ratio Lower Upper
88 100
58 72.3 57.1 85.7
43 32.2 24.4 36.6





#3
Pyridine
Concen: 29.317 ng
RT: 4.098 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

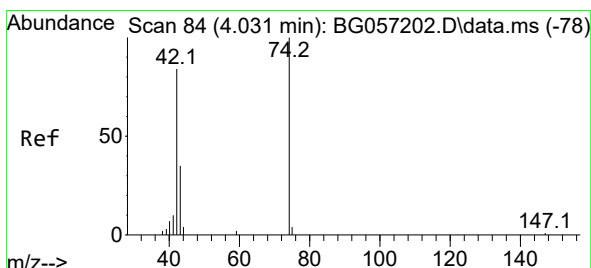
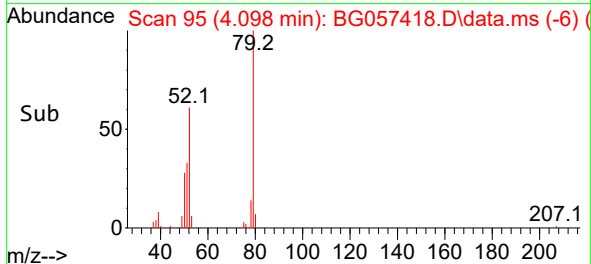
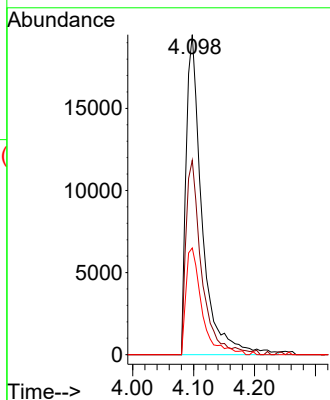
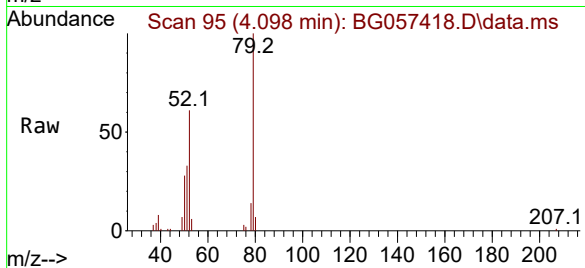
ClientSampleId :

PB152721BS

Tgt Ion: 79 Resp: 35378
Ion Ratio Lower Upper
79 100
52 60.7 51.4 77.0
51 33.4 28.0 42.0

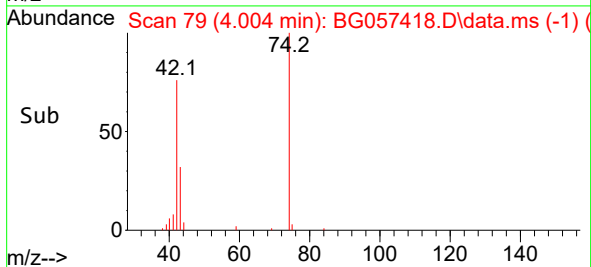
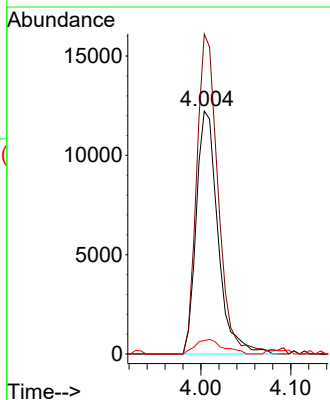
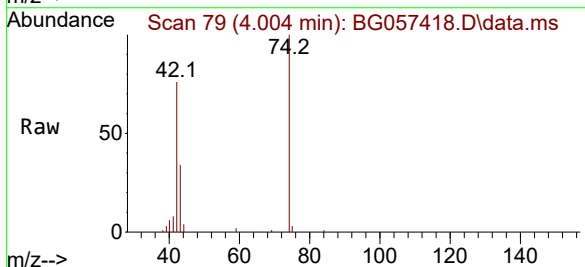
Manual Integrations
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Supervised By :Yogesh Patel 05/16/2023



#4
n-Nitrosodimethylamine
Concen: 36.123 ng
RT: 4.004 min Scan# 79
Delta R.T. -0.007 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Tgt Ion: 42 Resp: 20485
Ion Ratio Lower Upper
42 100
74 131.7 95.1 142.7
44 5.5 5.8 8.8





#5
2-Fluorophenol
Concen: 122.581 ng
RT: 5.878 min Scan# 398
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

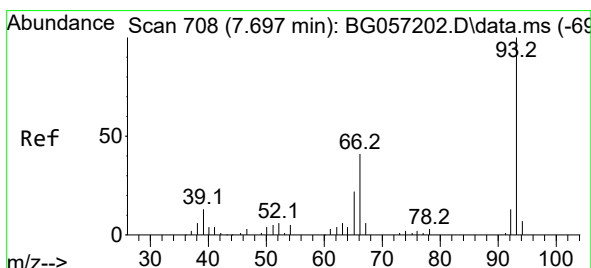
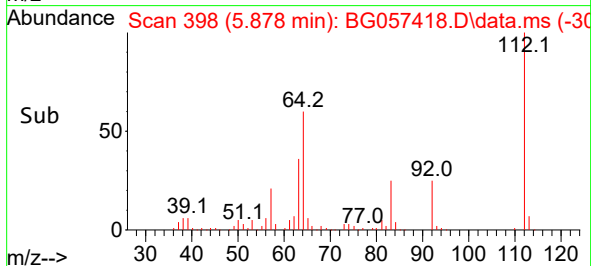
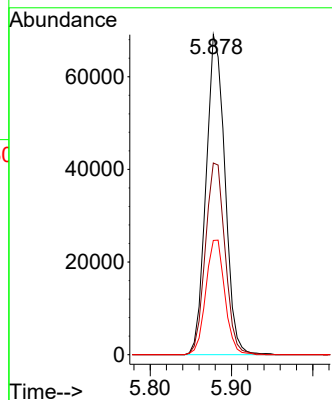
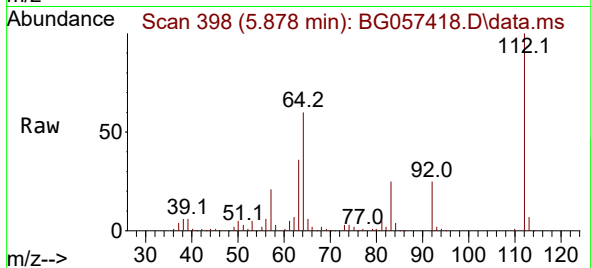
PB152721BS

Tgt Ion:112 Resp: 11132
Ion Ratio Lower Upper
112 100
64 59.9 49.4 74.2
63 35.7 31.6 47.4

Manual Integrations

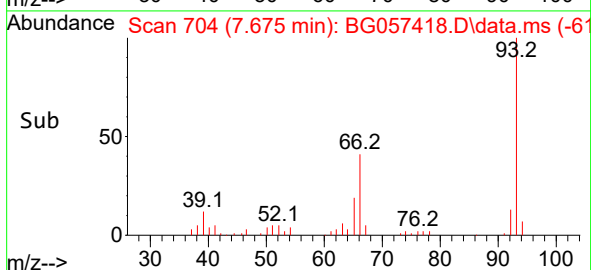
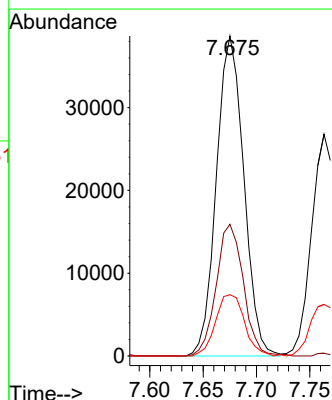
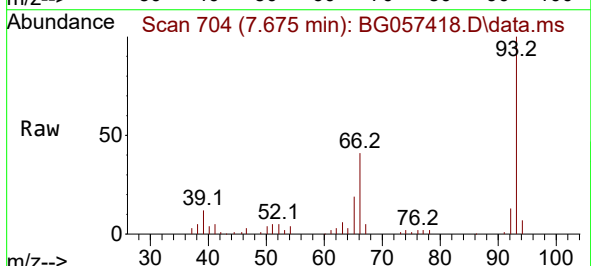
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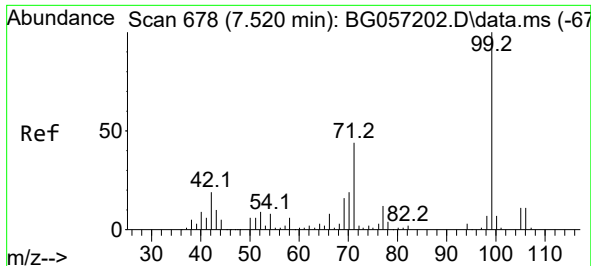
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#6
Aniline
Concen: 39.446 ng
RT: 7.675 min Scan# 704
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

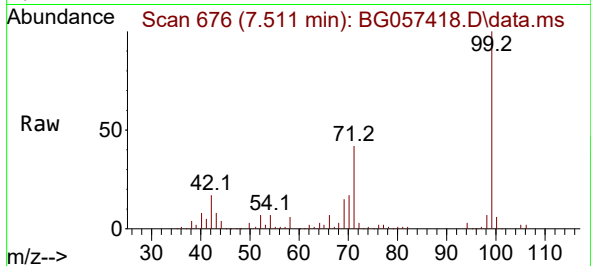
Tgt Ion: 93 Resp: 69010
Ion Ratio Lower Upper
93 100
66 41.2 33.0 49.6
65 19.1 18.0 27.0





#7
Phenol-d6
Concen: 122.571 ng
RT: 7.511 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

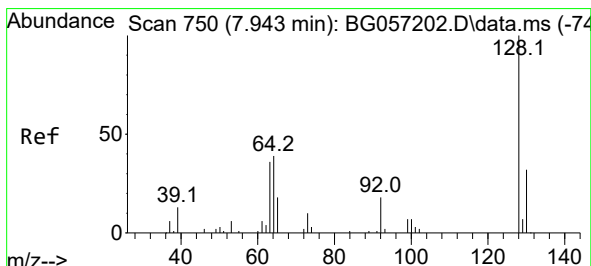
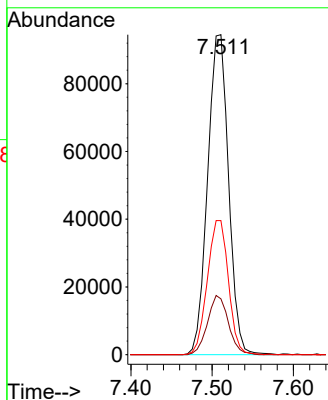
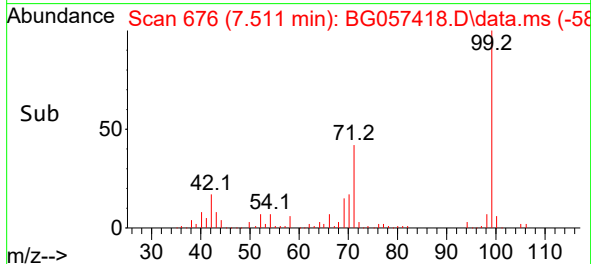
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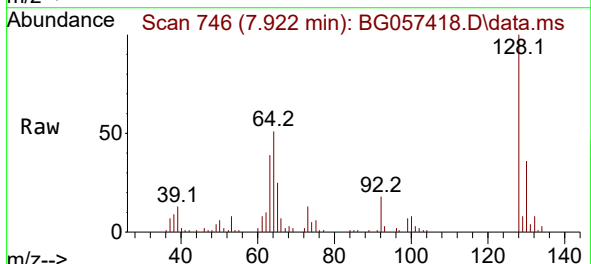
Tgt Ion: 99 Resp: 169034
Ion Ratio Lower Upper
99 100
42 17.5 15.1 22.7
71 41.9 35.2 52.8

Manual Integrations
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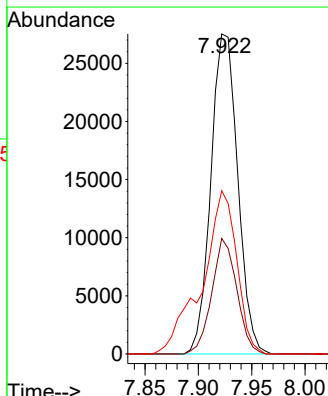
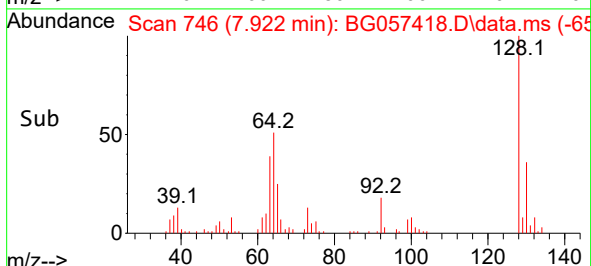
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#8
2-Chlorophenol
Concen: 50.201 ng
RT: 7.922 min Scan# 746
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02



Tgt Ion:128 Resp: 48174
Ion Ratio Lower Upper
128 100
130 36.1 12.2 52.2
64 51.0 28.4 68.4





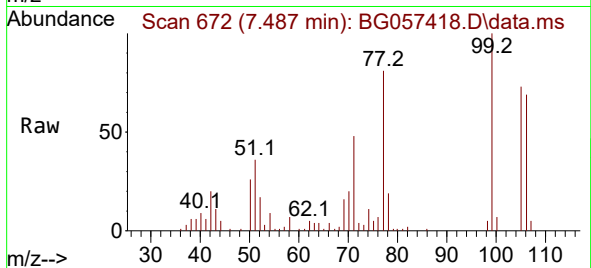
#9
Benzaldehyde
Concen: 41.366 ng
RT: 7.487 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

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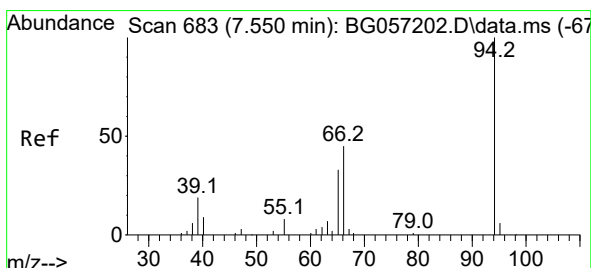
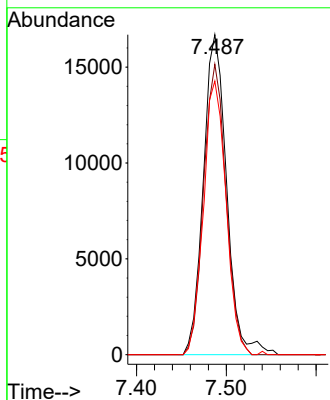
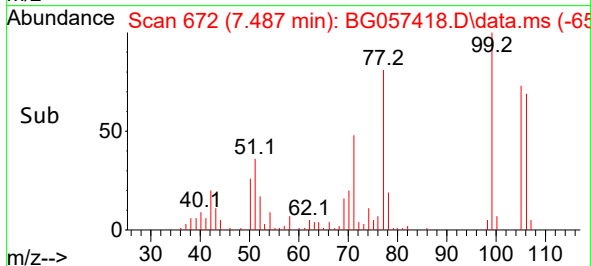


Tgt Ion: 77 Resp: 30079
Ion Ratio Lower Upper
77 100
105 90.7 74.6 114.6
106 85.5 66.3 106.3

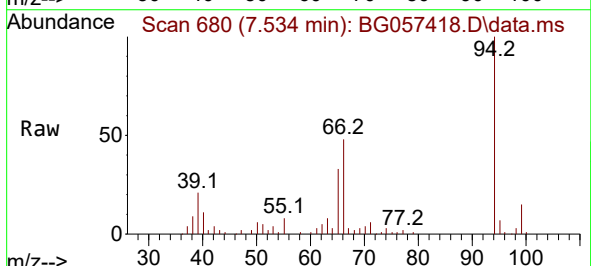
Manual Integrations

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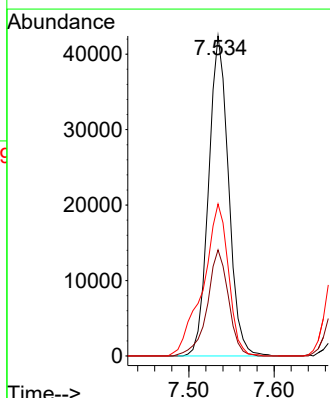
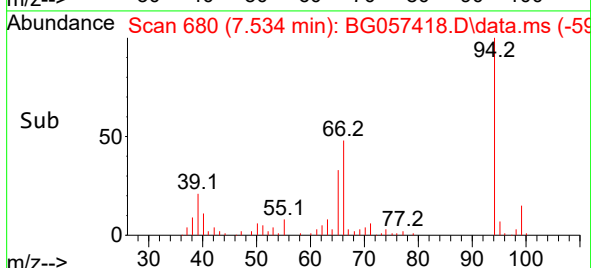
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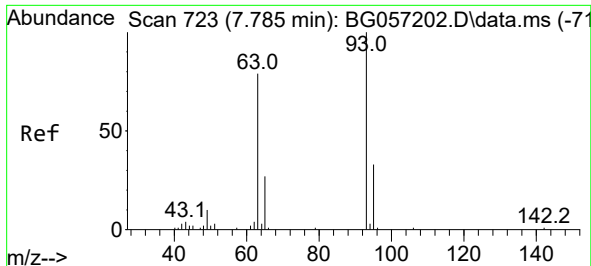


#10
Phenol
Concen: 51.154 ng
RT: 7.534 min Scan# 680
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02



Tgt Ion: 94 Resp: 68769
Ion Ratio Lower Upper
94 100
65 33.1 13.5 53.5
66 47.5 26.7 66.7





#11

bis(2-Chloroethyl)ether

Concen: 42.510 ng

RT: 7.763 min Scan# 719

Delta R.T. -0.001 min

Lab File: BG057418.D

Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

PB152721BS

Tgt Ion: 93 Resp: 4309

Ion Ratio Lower Upper

93 100

63 79.6 58.6 98.6

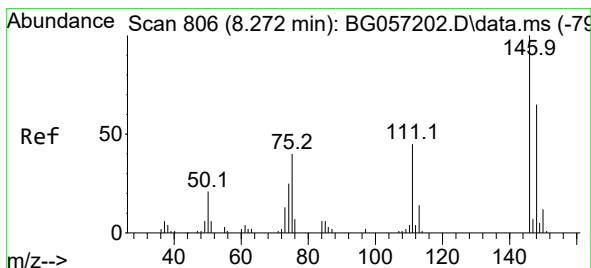
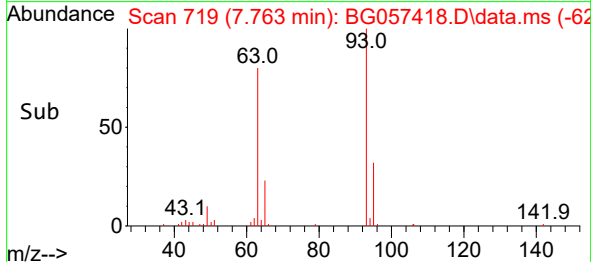
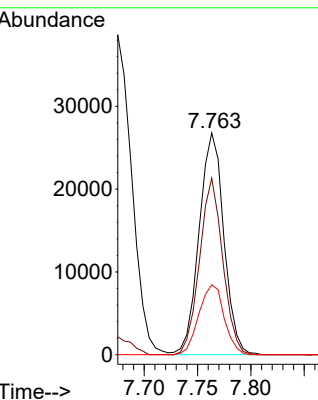
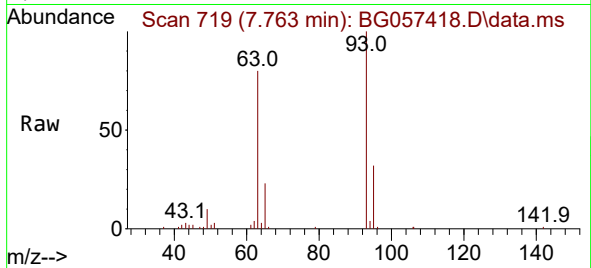
95 31.5 12.2 52.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#12

1,3-Dichlorobenzene

Concen: 45.904 ng

RT: 8.251 min Scan# 802

Delta R.T. -0.001 min

Lab File: BG057418.D

Acq: 12 May 2023 21:02

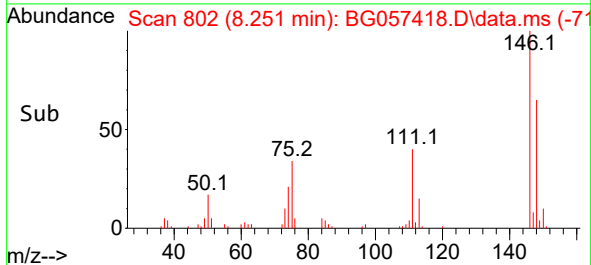
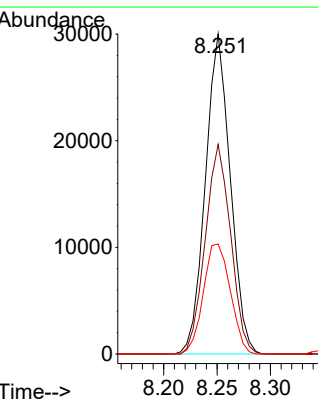
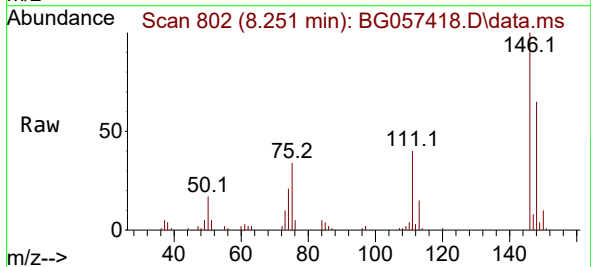
Tgt Ion:146 Resp: 48618

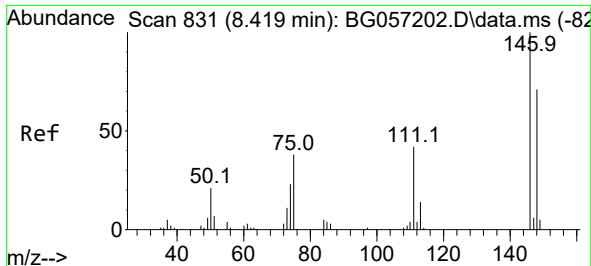
Ion Ratio Lower Upper

146 100

148 65.5 52.2 78.2

75 34.3 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 46.842 ng

RT: 8.398 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG057418.D

Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

PB152721BS

Tgt Ion:146 Resp: 49834

Ion Ratio Lower Upper

146 100

148 64.9 56.4 84.6

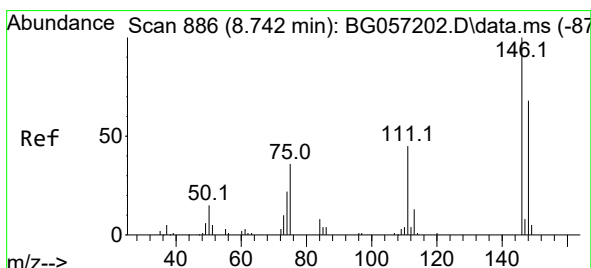
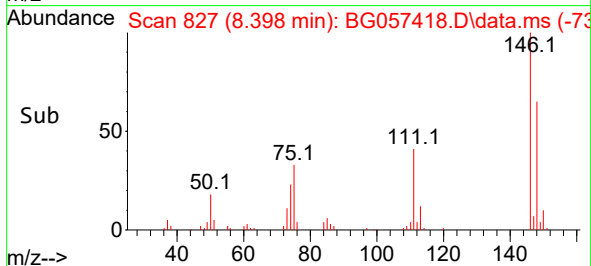
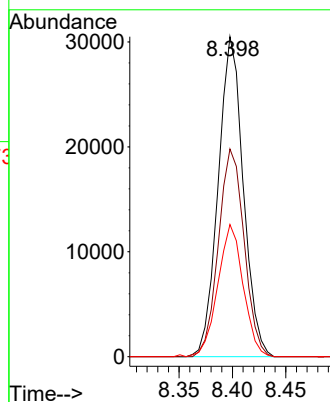
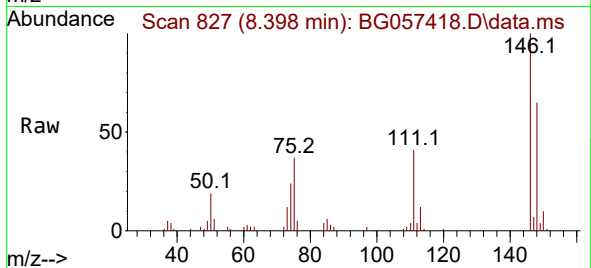
111 41.3 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#14

1,2-Dichlorobenzene

Concen: 46.233 ng

RT: 8.721 min Scan# 882

Delta R.T. -0.007 min

Lab File: BG057418.D

Acq: 12 May 2023 21:02

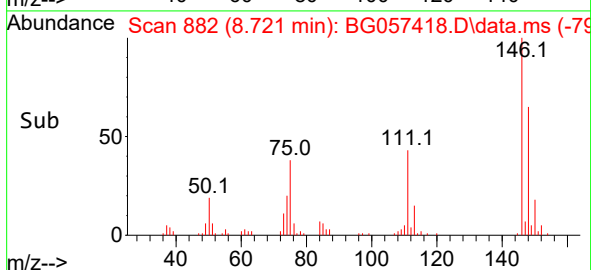
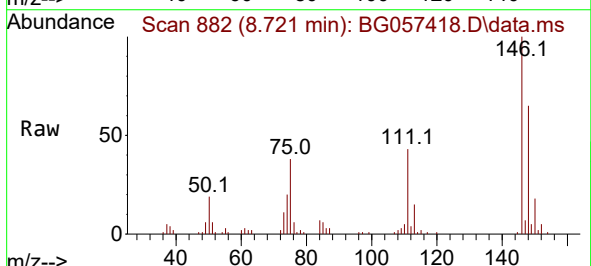
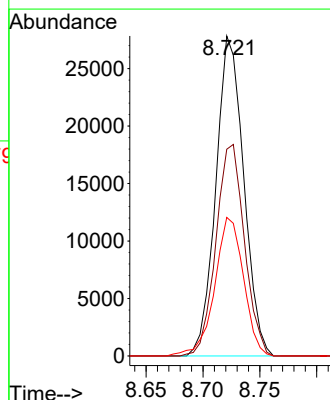
Tgt Ion:146 Resp: 47483

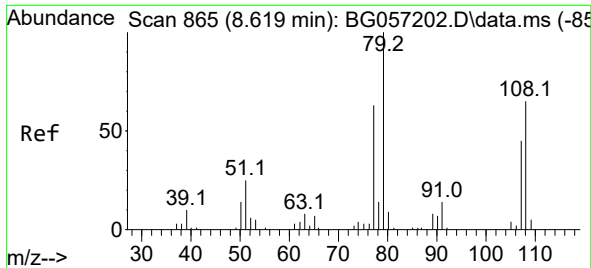
Ion Ratio Lower Upper

146 100

148 64.6 54.6 82.0

111 43.3 37.2 55.8





#15
Benzyl Alcohol
Concen: 46.628 ng
RT: 8.597 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

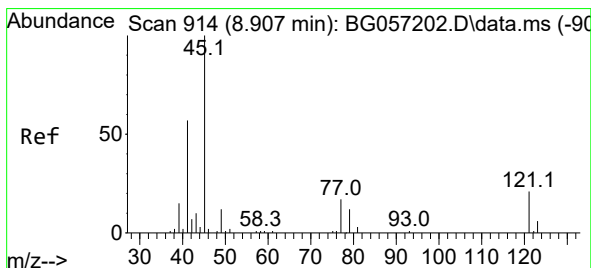
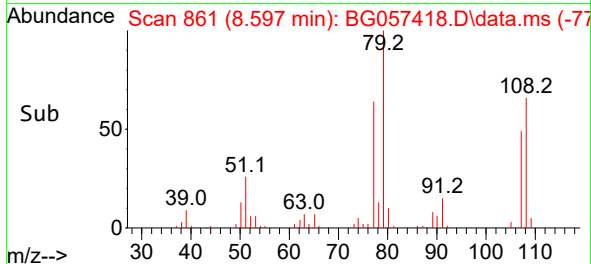
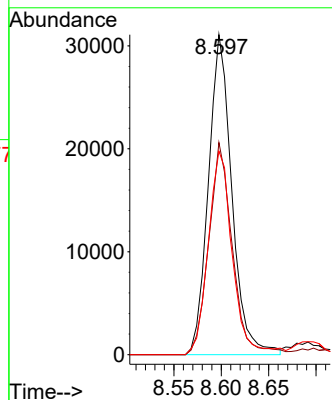
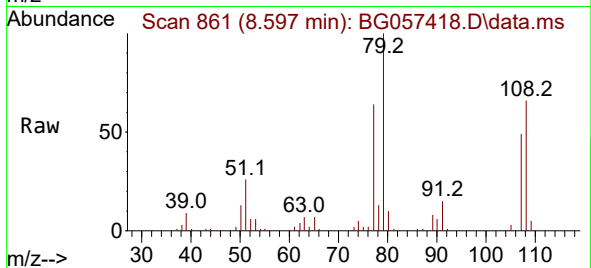
ClientSampleId :

PB152721BS

Tgt Ion: 79 Resp: 53569
Ion Ratio Lower Upper
79 100
108 66.3 52.2 78.2
77 63.6 50.1 75.1

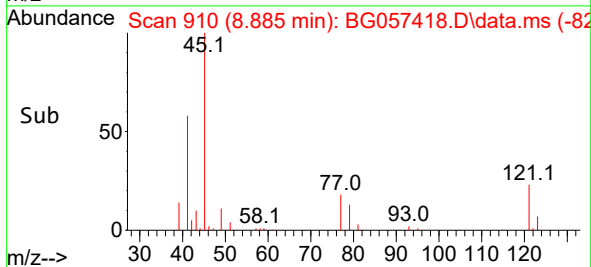
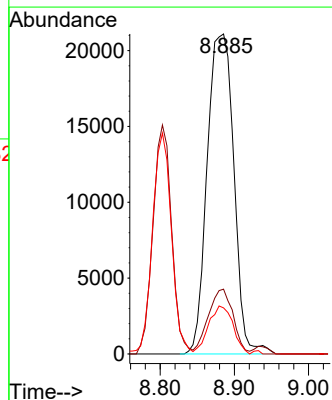
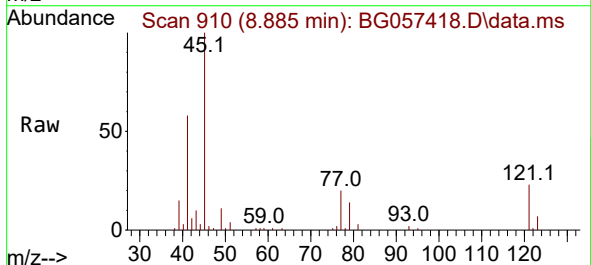
Manual Integrations
APPROVED

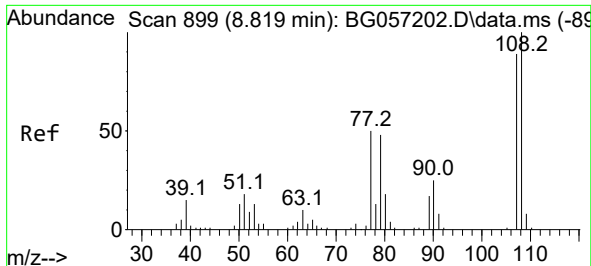
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.316 ng
RT: 8.885 min Scan# 910
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Tgt Ion: 45 Resp: 52789
Ion Ratio Lower Upper
45 100
77 20.2 0.0 38.5
79 14.4 0.0 33.8





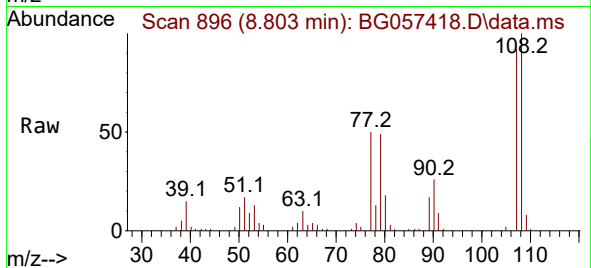
#17
2-Methylphenol
Concen: 48.662 ng
RT: 8.803 min Scan# 896
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

PB152721BS

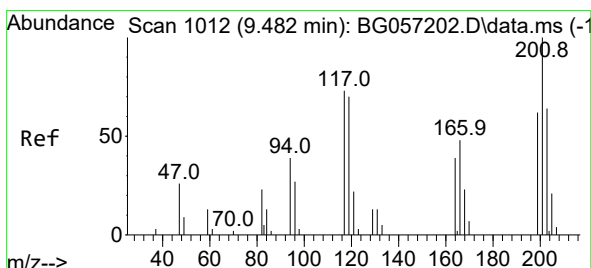
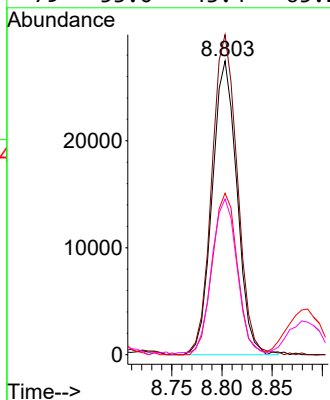
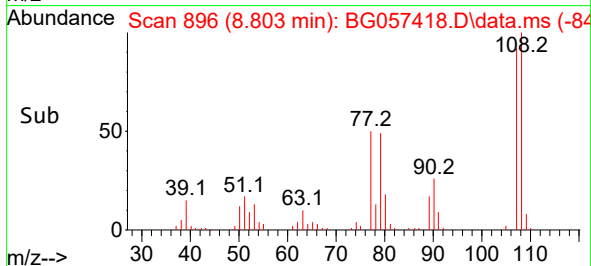


Tgt Ion:	107	Resp:	4715
Ion	Ratio	Lower	Upper
107	100		
108	108.9	89.5	134.3
77	55.0	45.1	67.7
79	53.0	43.4	65.2

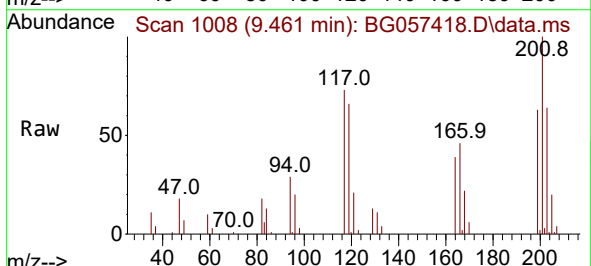
Manual Integrations

APPROVED

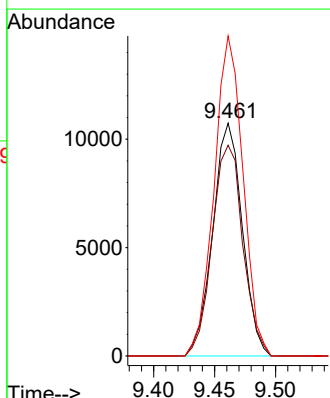
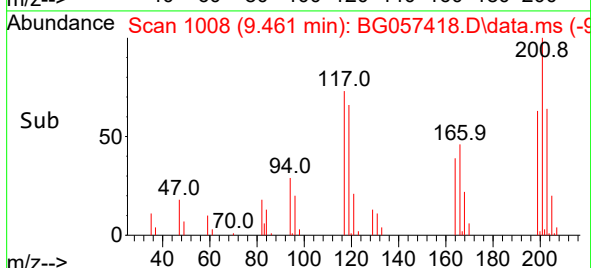
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

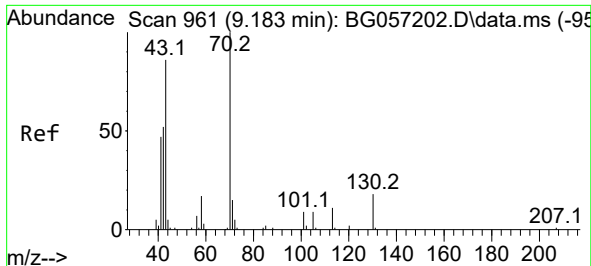


#18
Hexachloroethane
Concen: 47.228 ng
RT: 9.461 min Scan# 1008
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02



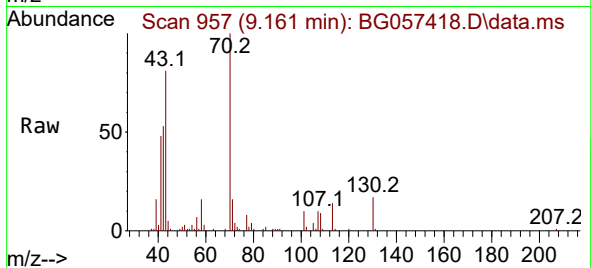
Tgt Ion:	117	Resp:	18132
Ion	Ratio	Lower	Upper
117	100		
119	90.5	76.7	115.1
201	137.5	109.0	163.4





#19
n-Nitroso-di-n-propylamine
Concen: 40.768 ng
RT: 9.161 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

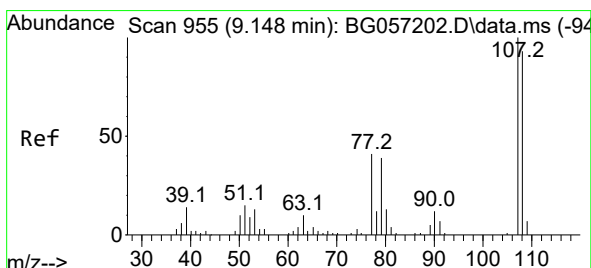
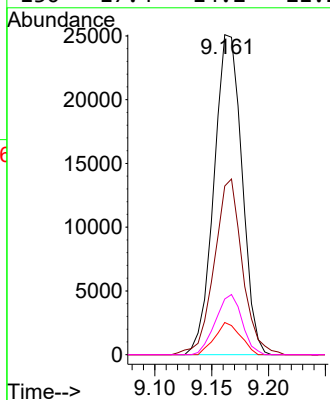
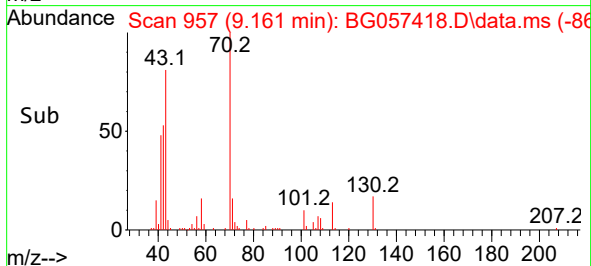
Instrument :
BNA_G
ClientSampleId :
PB152721BS



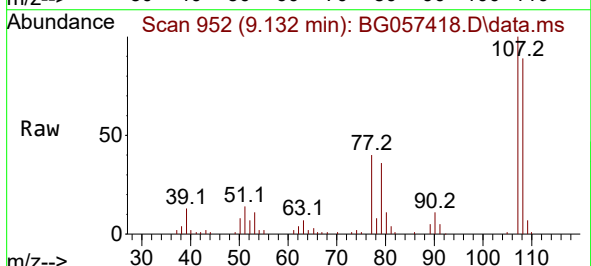
Tgt Ion: 70 Resp: 42870
Ion Ratio Lower Upper
70 100
42 52.7 41.8 62.8
101 10.1 6.8 10.2
130 17.4 14.2 21.2

Manual Integrations
APPROVED

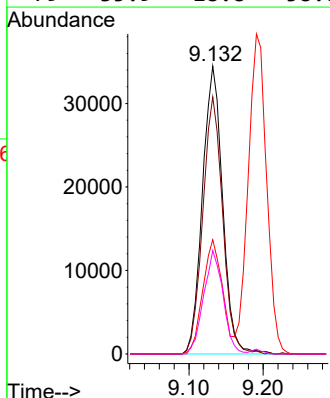
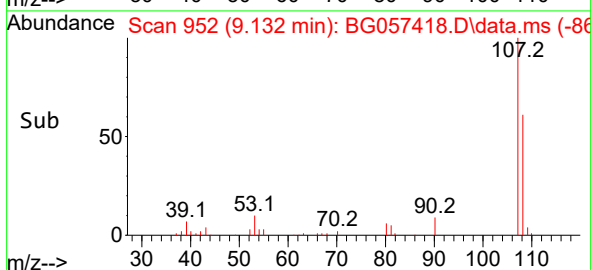
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

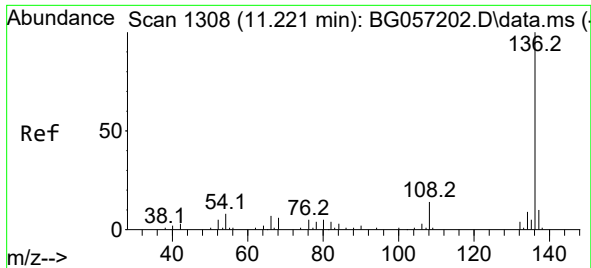


#20
3+4-Methylphenols
Concen: 49.023 ng
RT: 9.132 min Scan# 952
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02



Tgt Ion:107 Resp: 65050
Ion Ratio Lower Upper
107 100
108 89.3 73.5 113.5
77 39.7 21.1 61.1
79 35.9 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.200 min Scan# 111
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

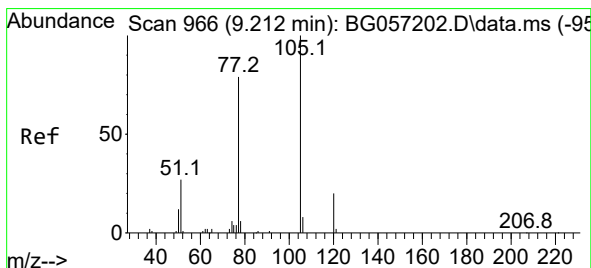
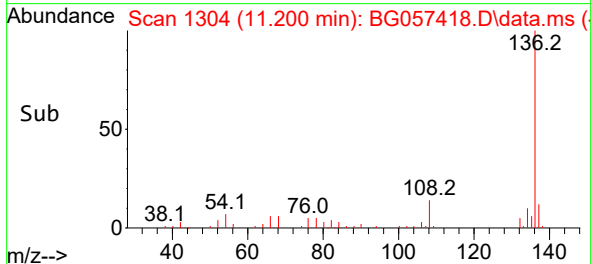
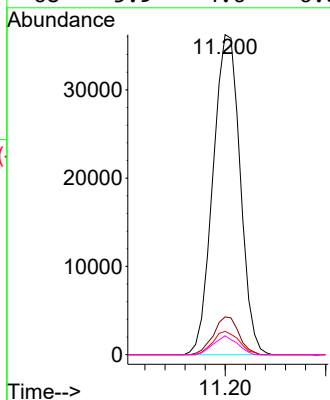
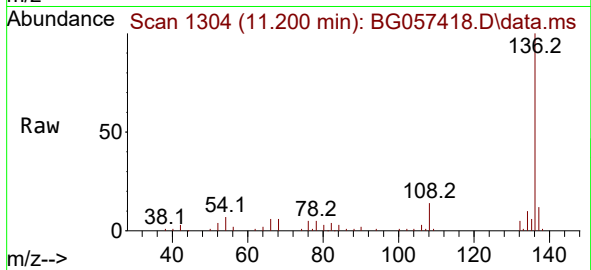
PB152721BS

Tgt Ion:136 Resp: 67945
Ion Ratio Lower Upper
136 100
137 11.8 8.3 12.5
54 7.3 6.7 10.1
68 5.9 4.6 6.8

Manual Integrations

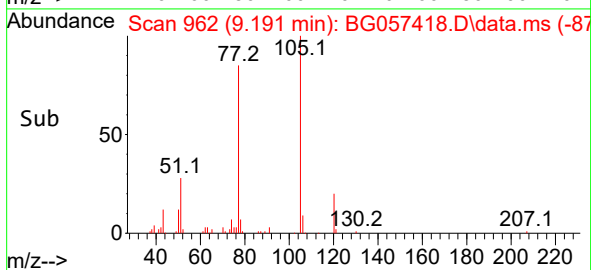
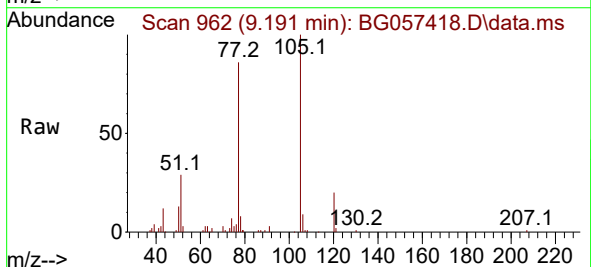
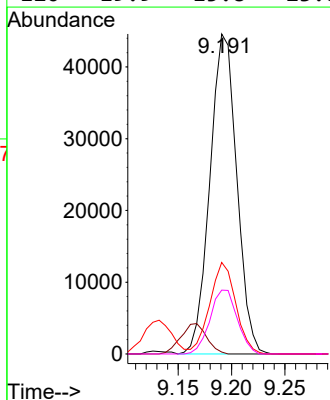
APPROVED

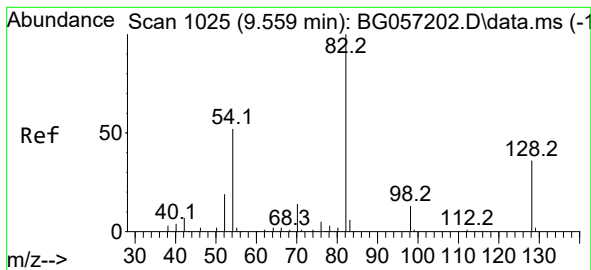
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#22
Acetophenone
Concen: 40.138 ng
RT: 9.191 min Scan# 962
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Tgt Ion:105 Resp: 78056
Ion Ratio Lower Upper
105 100
71 0.6 0.4 0.6#
51 28.6 24.0 36.0
120 19.9 15.8 23.8





#23

Nitrobenzene-d5

Concen: 62.734 ng

RT: 9.543 min Scan# 1022

Delta R.T. -0.001 min

Lab File: BG057418.D

Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

PB152721BS

Tgt Ion: 82 Resp: 101558

Ion Ratio Lower Upper

82 100

128 38.3 29.0 43.4

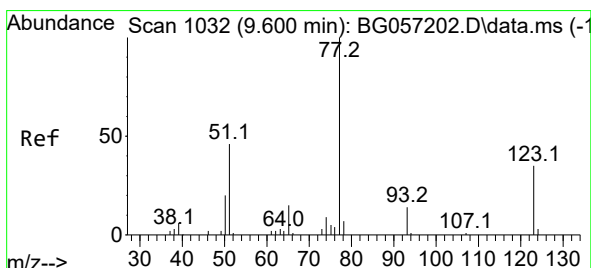
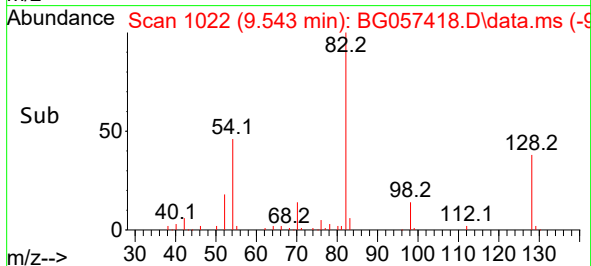
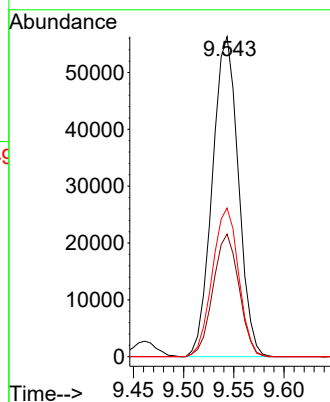
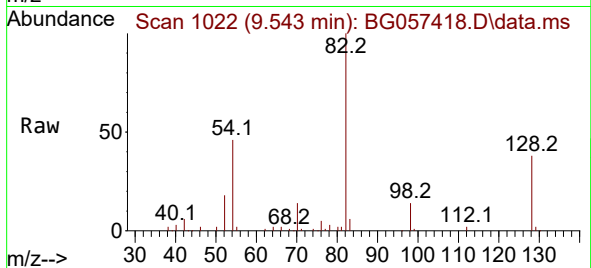
54 46.5 41.4 62.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#24

Nitrobenzene

Concen: 39.110 ng

RT: 9.584 min Scan# 1029

Delta R.T. -0.001 min

Lab File: BG057418.D

Acq: 12 May 2023 21:02

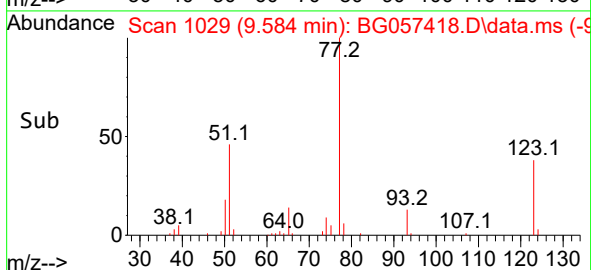
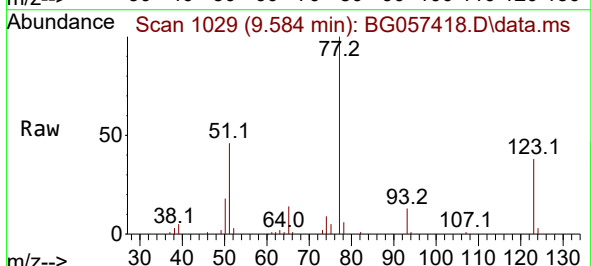
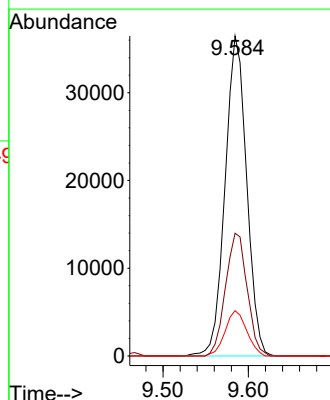
Tgt Ion: 77 Resp: 63904

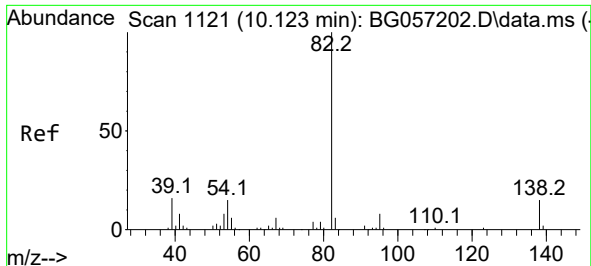
Ion Ratio Lower Upper

77 100

123 38.4 28.2 42.2

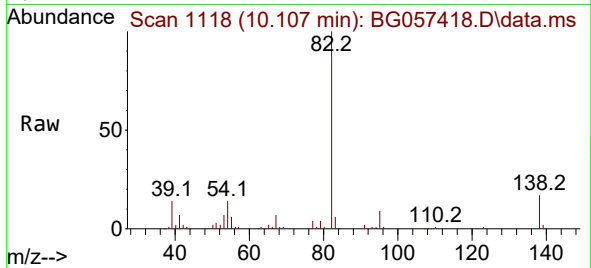
65 14.1 11.7 17.5





#25
Isophorone
Concen: 37.621 ng
RT: 10.107 min Scan# 1118
Delta R.T. 0.005 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

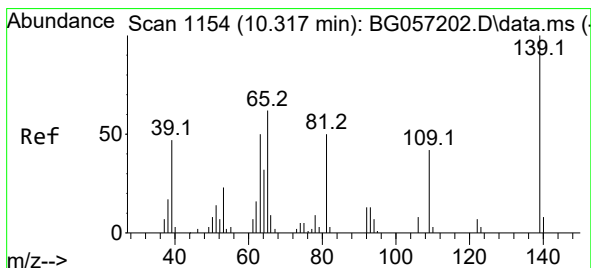
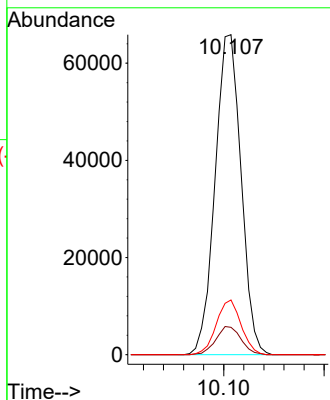
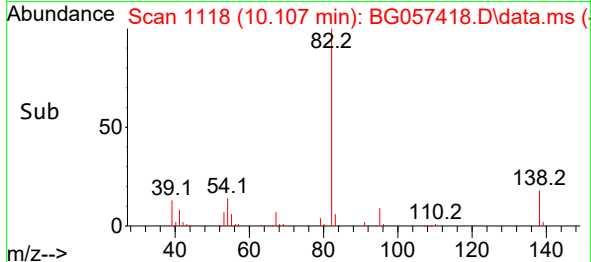
Instrument :
BNA_G
ClientSampleId :
PB152721BS



Tgt Ion: 82 Resp: 118099
Ion Ratio Lower Upper
82 100
95 8.6 6.4 9.6
138 17.1 12.3 18.5

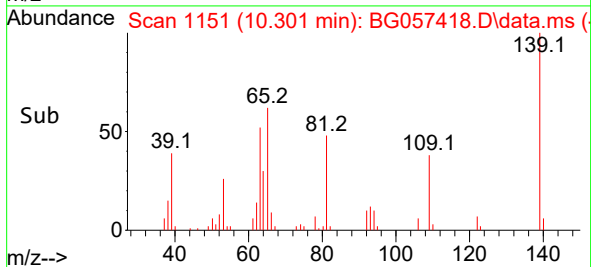
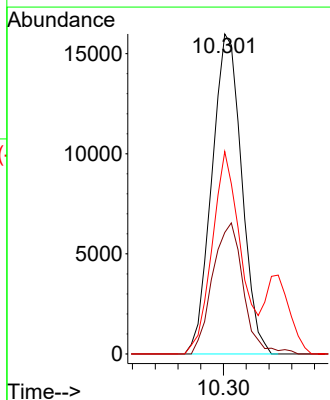
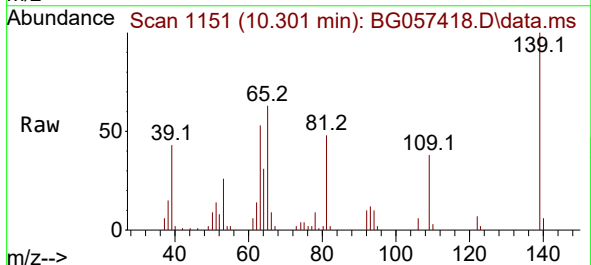
Manual Integrations
APPROVED

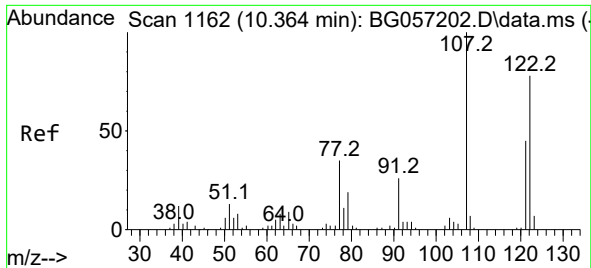
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#26
2-Nitrophenol
Concen: 46.532 ng
RT: 10.301 min Scan# 1151
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Tgt Ion:139 Resp: 29103
Ion Ratio Lower Upper
139 100
109 38.0 33.4 50.2
65 63.3 49.8 74.6





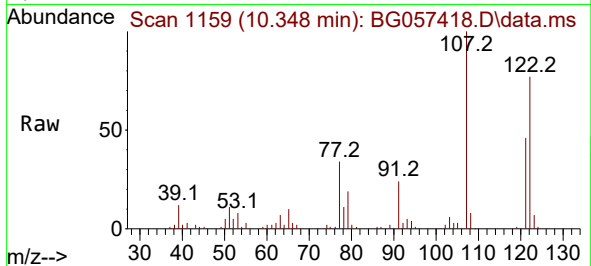
#27
2,4-Dimethylphenol
Concen: 49.545 ng
RT: 10.348 min Scan# 1159
Delta R.T. 0.005 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

PB152721BS

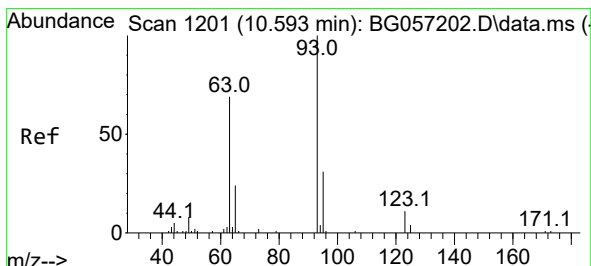
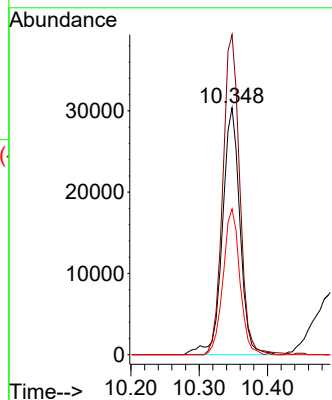
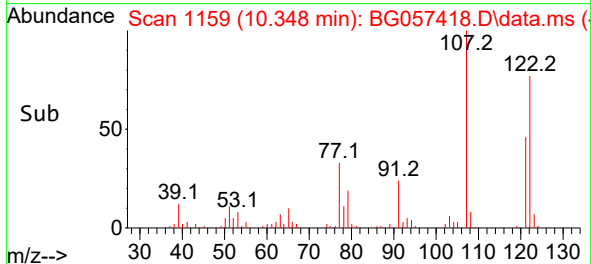


Tgt Ion:122 Resp: 54260
Ion Ratio Lower Upper
122 100
107 129.6 103.0 154.4
121 59.0 45.9 68.9

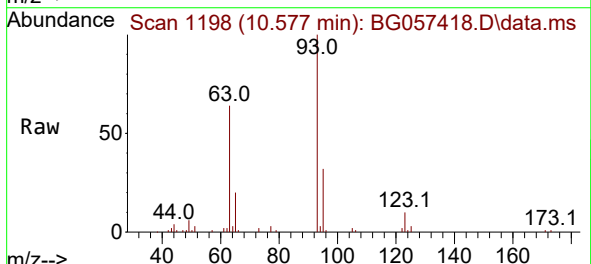
Manual Integrations

APPROVED

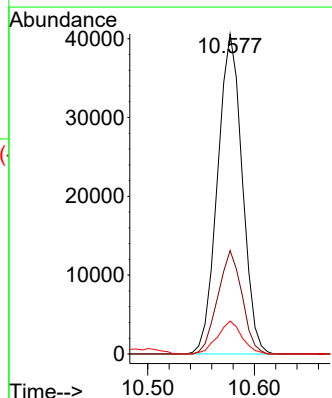
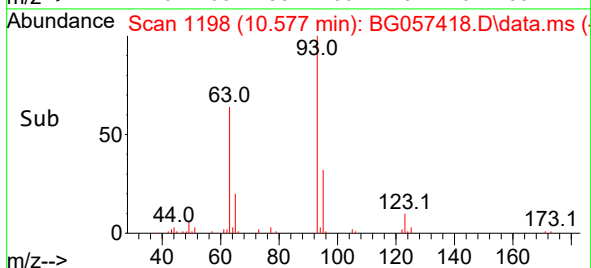
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

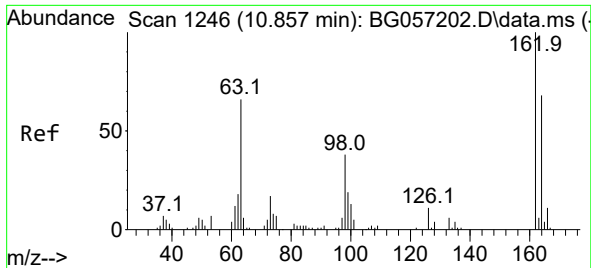


#28
bis(2-Chloroethoxy)methane
Concen: 41.464 ng
RT: 10.577 min Scan# 1198
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02



Tgt Ion: 93 Resp: 65207
Ion Ratio Lower Upper
93 100
95 32.3 25.0 37.6
123 10.3 8.5 12.7





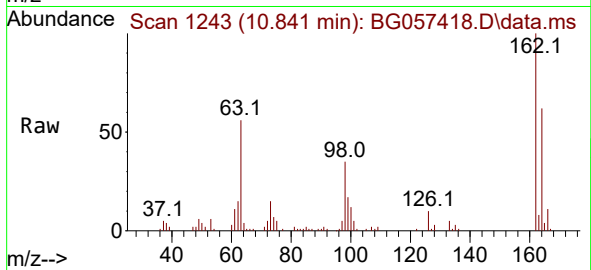
#29
2,4-Dichlorophenol
Concen: 49.984 ng
RT: 10.841 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

PB152721BS

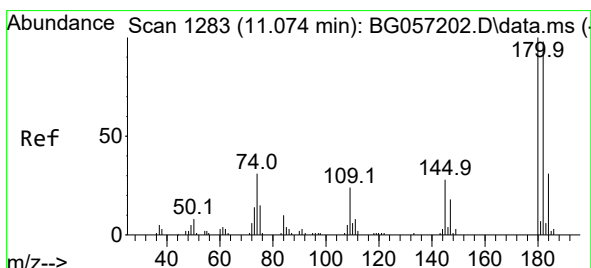
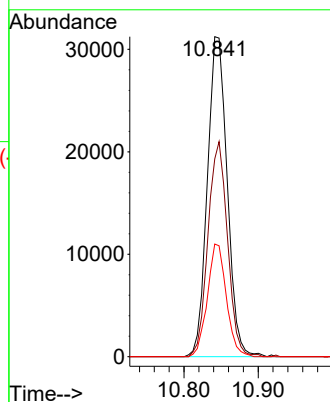
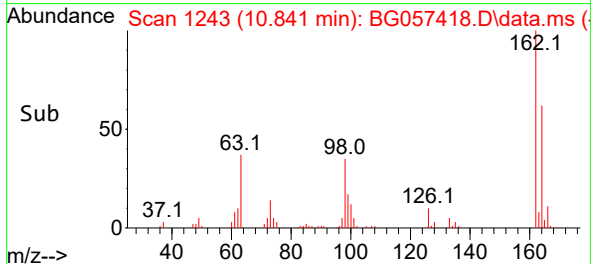


Tgt Ion:162 Resp: 58059
Ion Ratio Lower Upper
162 100
164 61.8 48.4 88.4
98 35.2 17.6 57.6

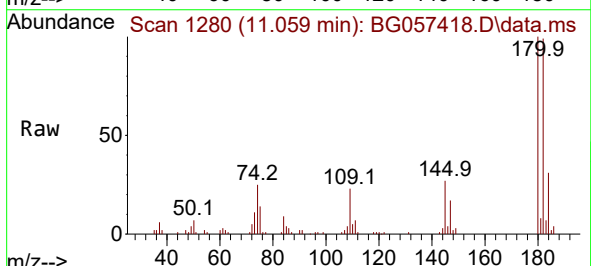
Manual Integrations

APPROVED

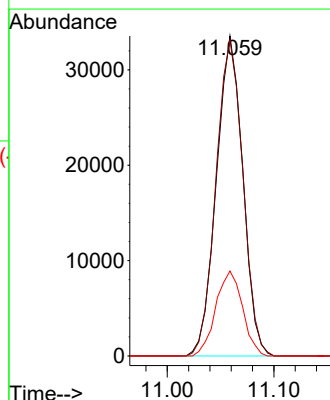
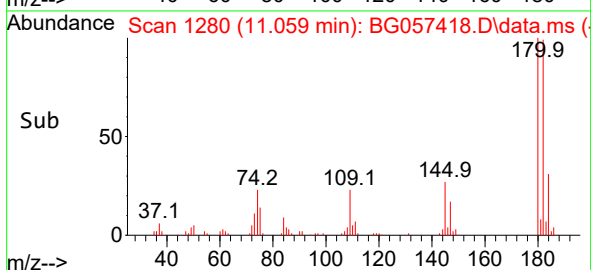
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

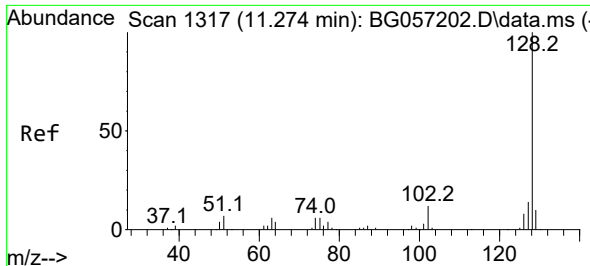


#30
1,2,4-Trichlorobenzene
Concen: 43.035 ng
RT: 11.059 min Scan# 1280
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02



Tgt Ion:180 Resp: 57656
Ion Ratio Lower Upper
180 100
182 98.8 78.0 117.0
145 26.6 22.4 33.6





#31
Naphthalene
Concen: 41.913 ng
RT: 11.253 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

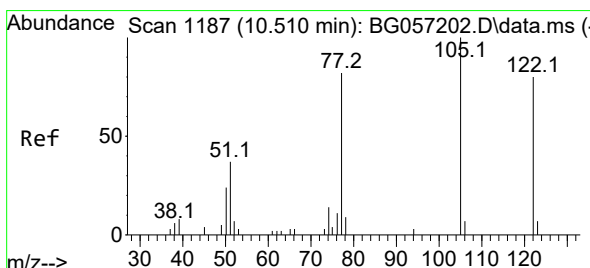
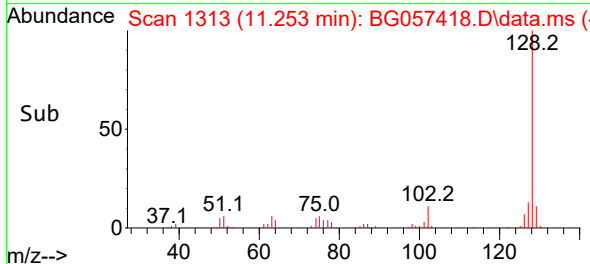
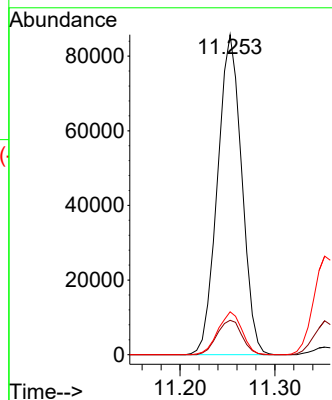
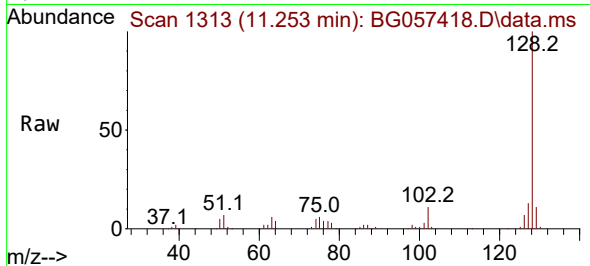
ClientSampleId :

PB152721BS

Tgt Ion:128 Resp: 152240
Ion Ratio Lower Upper
128 100
129 10.8 8.3 12.5
127 13.4 11.1 16.7

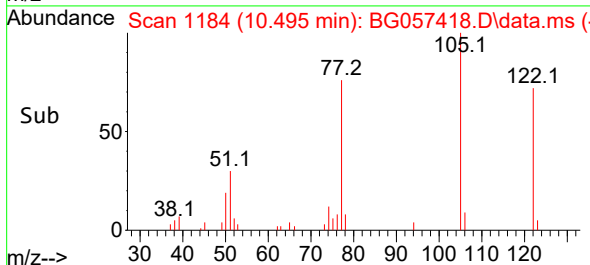
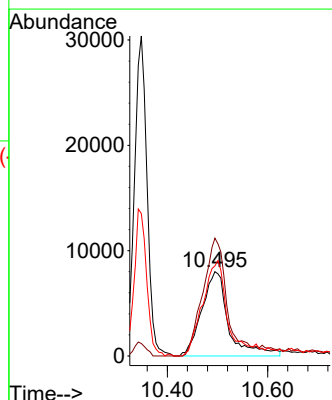
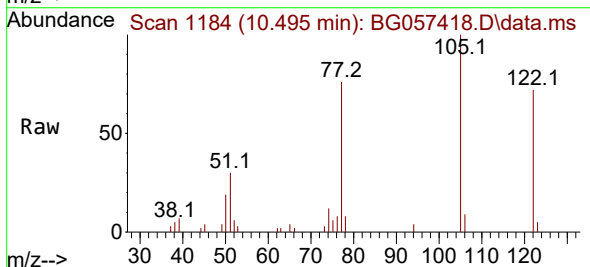
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#32
Benzoic acid
Concen: 46.888 ng m
RT: 10.495 min Scan# 1184
Delta R.T. 0.005 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Tgt Ion:122 Resp: 29534
Ion Ratio Lower Upper
122 100
105 139.7 105.2 145.2
77 106.8 83.1 123.1





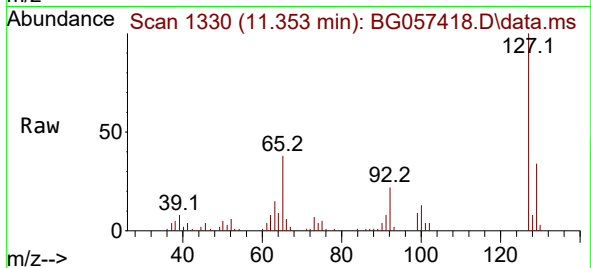
#33
4-Chloroaniline
Concen: 30.823 ng
RT: 11.353 min Scan# 1130
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

PB152721BS

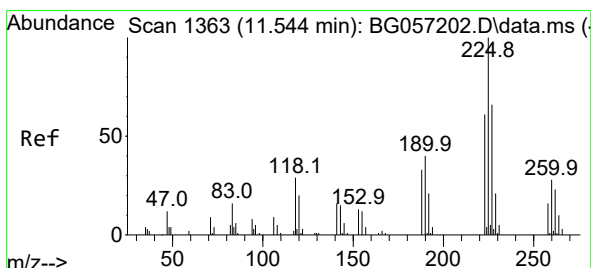
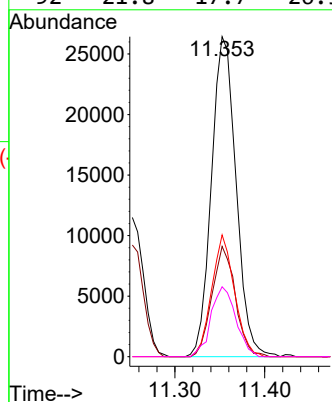
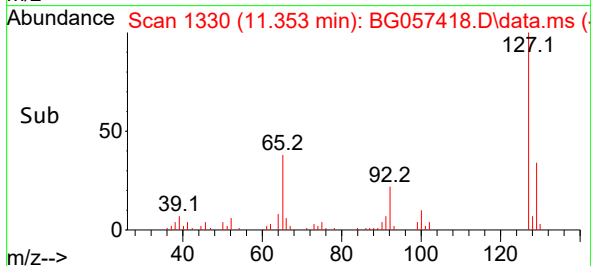


Tgt Ion:127 Resp: 5028
Ion Ratio Lower Upper
127 100
129 34.5 26.7 40.1
65 38.0 29.7 44.5
92 21.8 17.7 26.5

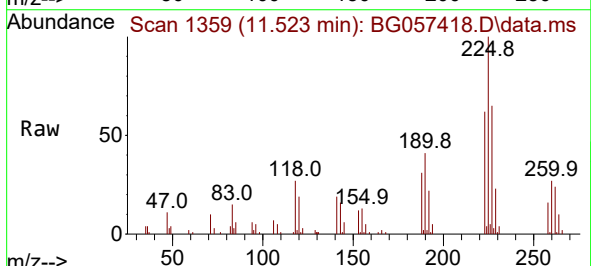
Manual Integrations

APPROVED

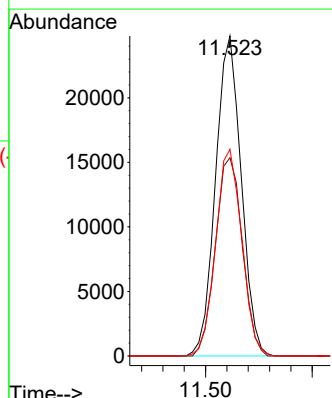
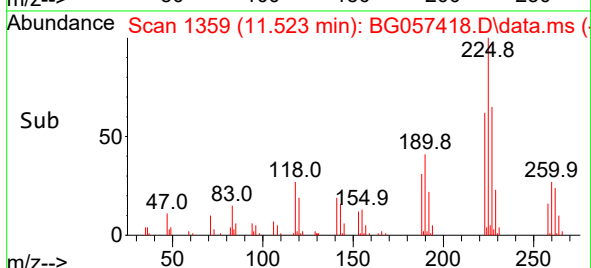
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

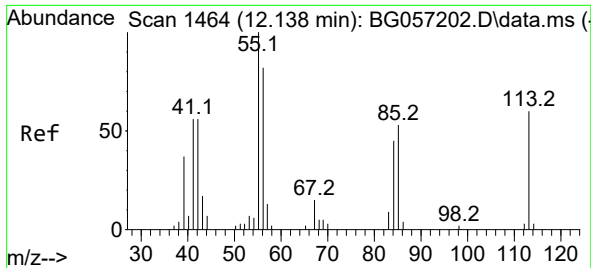


#34
Hexachlorobutadiene
Concen: 41.664 ng
RT: 11.523 min Scan# 1359
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02



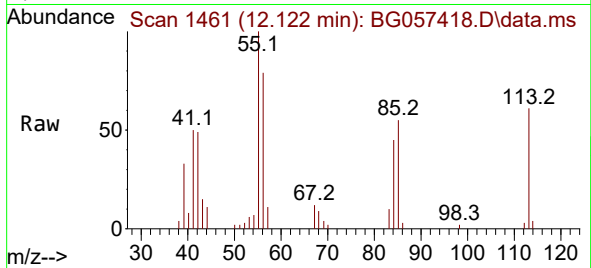
Tgt Ion:225 Resp: 41418
Ion Ratio Lower Upper
225 100
223 61.9 48.6 72.8
227 64.6 52.7 79.1





#35
Caprolactam
Concen: 45.663 ng m
RT: 12.122 min Scan# 1461
Delta R.T. -0.007 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

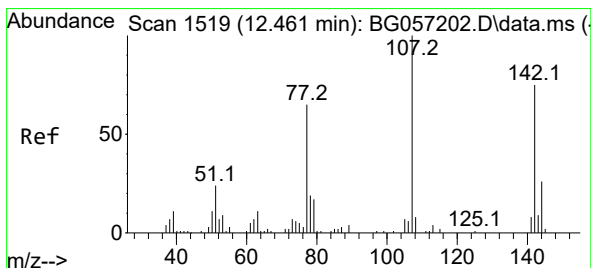
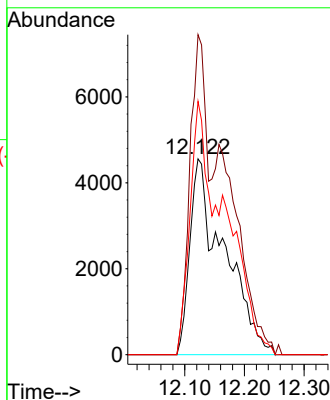
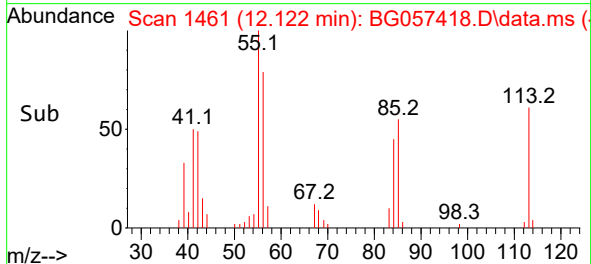
Instrument :
BNA_G
ClientSampleId :
PB152721BS



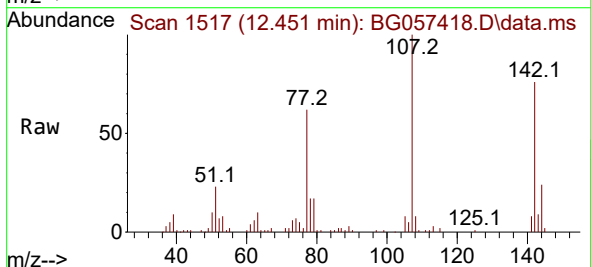
Tgt Ion:113 Resp: 18118
Ion Ratio Lower Upper
113 100
55 163.4 145.5 185.5
56 129.3 115.9 155.9

Manual Integrations
APPROVED

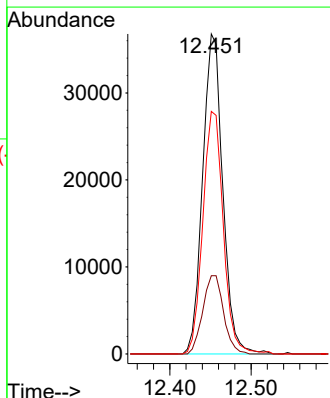
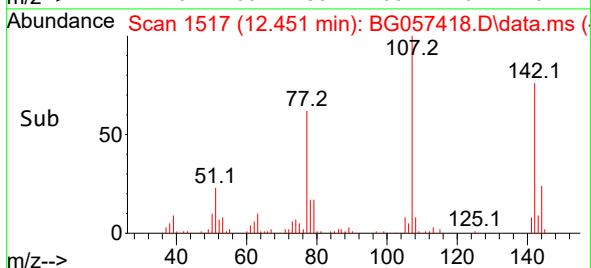
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

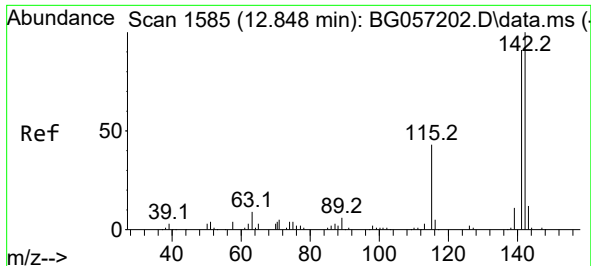


#36
4-Chloro-3-methylphenol
Concen: 47.888 ng
RT: 12.451 min Scan# 1517
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02



Tgt Ion:107 Resp: 63212
Ion Ratio Lower Upper
107 100
144 24.4 21.0 31.6
142 75.8 60.0 90.0





#37
2-Methylnaphthalene
Concen: 41.195 ng
RT: 12.833 min Scan# 11765
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

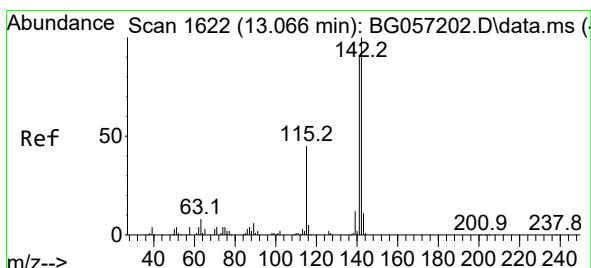
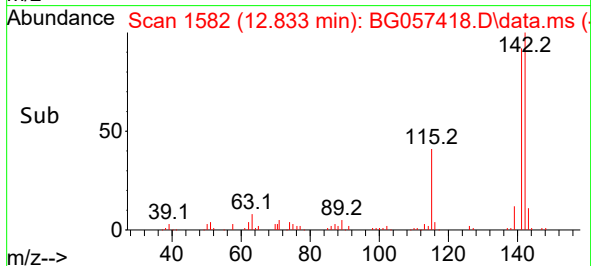
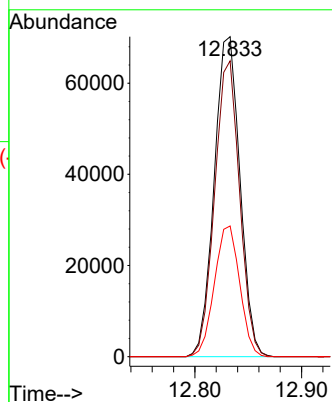
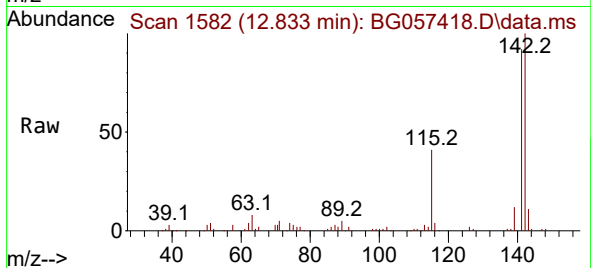
PB152721BS

Tgt Ion:142 Resp: 11765
Ion Ratio Lower Upper
142 100
141 92.5 73.1 109.7
115 40.8 34.6 52.0

Manual Integrations

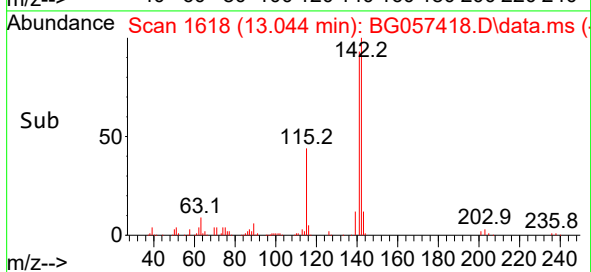
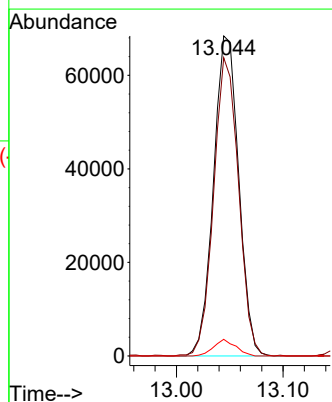
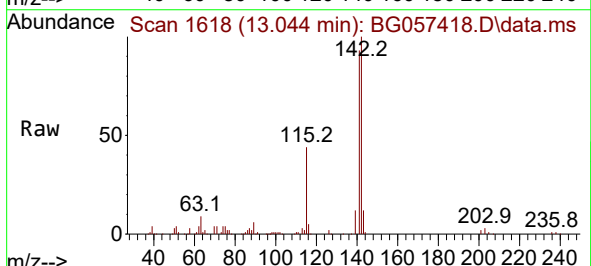
APPROVED

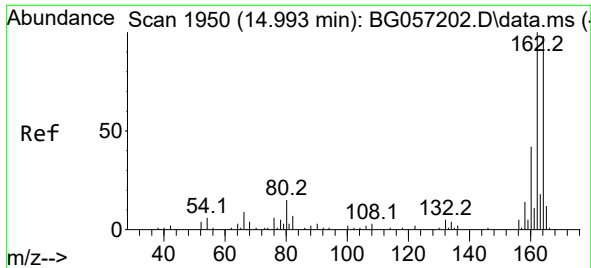
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#38
1-Methylnaphthalene
Concen: 41.632 ng
RT: 13.044 min Scan# 1618
Delta R.T. -0.007 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Tgt Ion:142 Resp: 112069
Ion Ratio Lower Upper
142 100
141 93.2 72.5 108.7
116 5.2 3.7 5.5





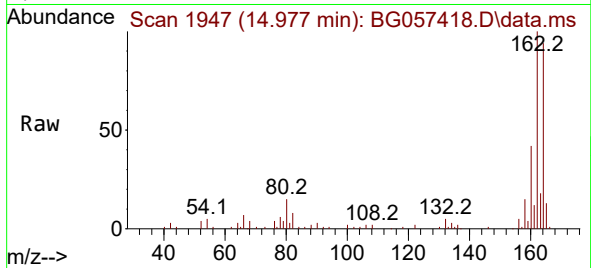
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.977 min Scan# 1947
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

PB152721BS

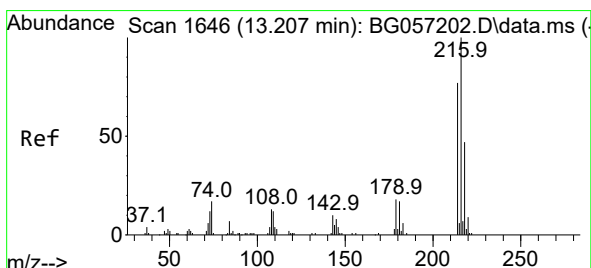
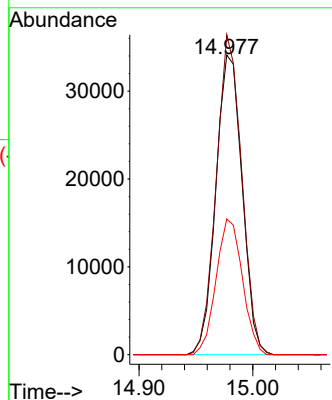
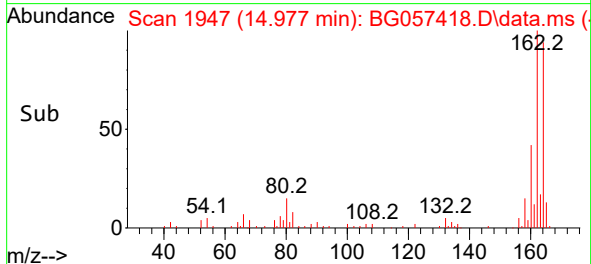


Tgt Ion:164 Resp: 54735
Ion Ratio Lower Upper
164 100
162 106.8 81.8 122.6
160 45.3 34.6 52.0

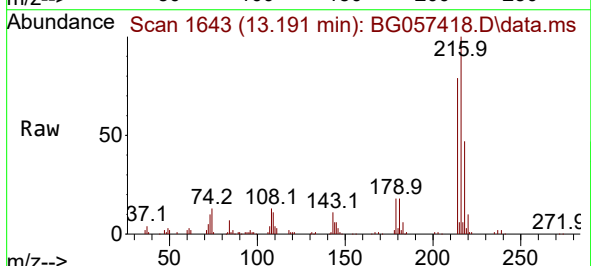
Manual Integrations

APPROVED

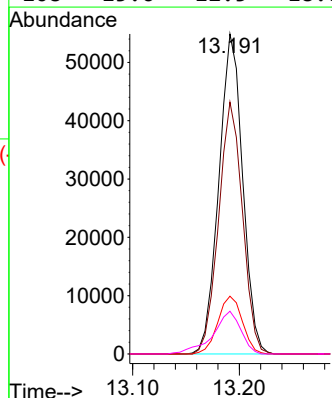
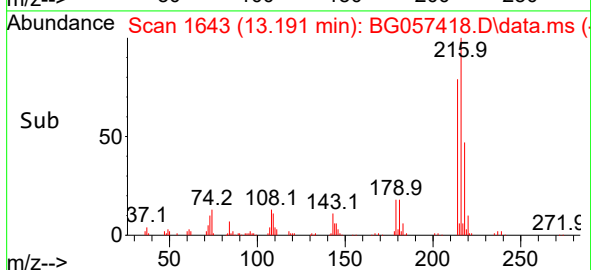
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

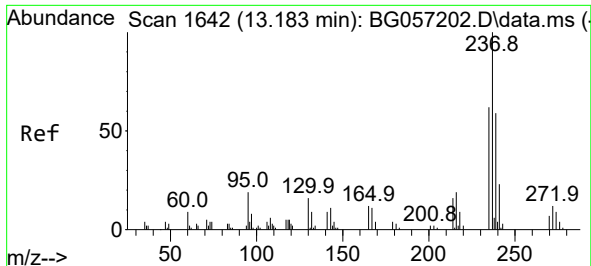


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.717 ng
RT: 13.191 min Scan# 1643
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02



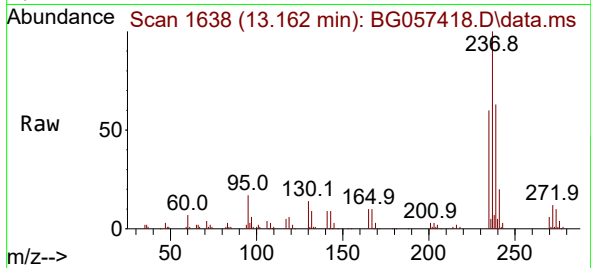
Tgt Ion:216 Resp: 84948
Ion Ratio Lower Upper
216 100
214 78.7 63.7 95.5
179 18.6 14.6 22.0
108 15.6 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 87.455 ng
RT: 13.162 min Scan# 1642
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

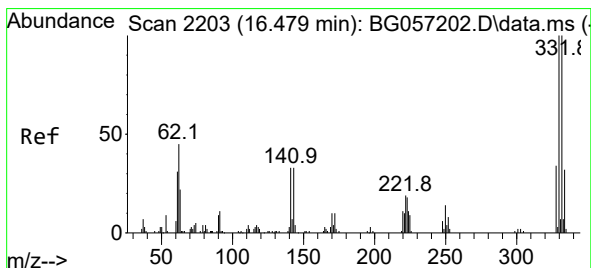
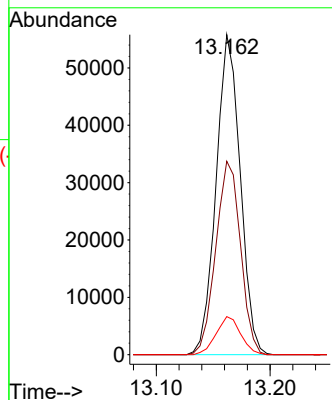
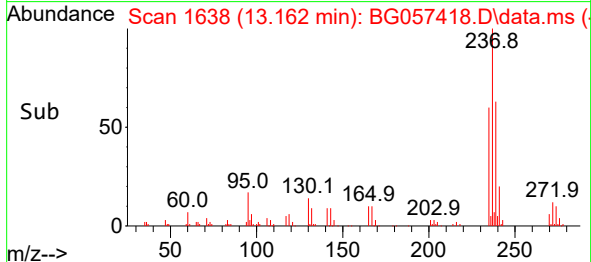
Instrument :
BNA_G
ClientSampleId :
PB152721BS



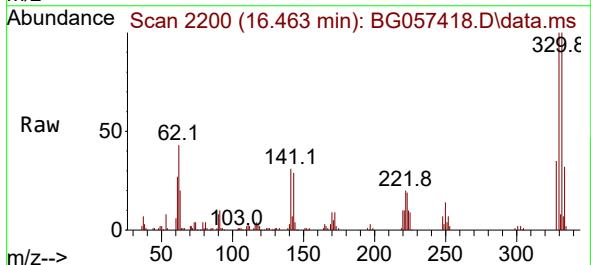
Tgt Ion:237 Resp: 82278
Ion Ratio Lower Upper
237 100
235 60.4 42.0 82.0
272 11.9 0.0 31.5

Manual Integrations
APPROVED

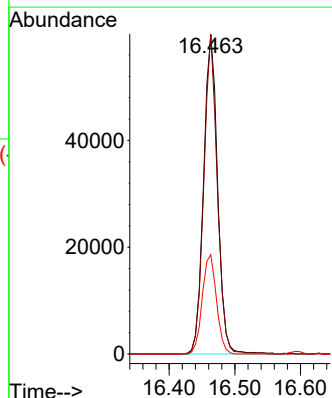
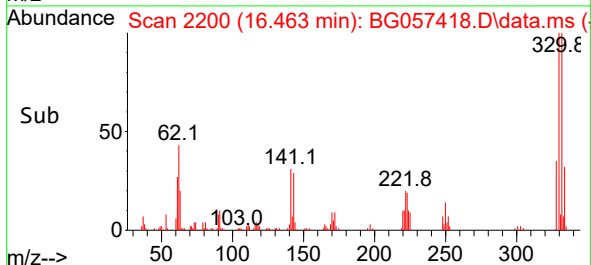
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

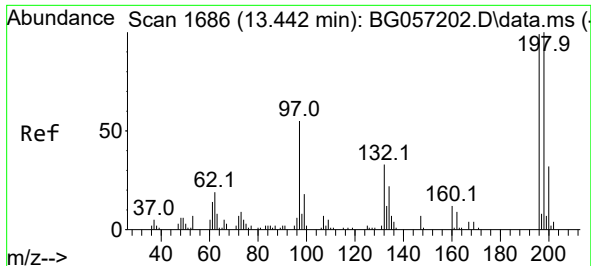


#42
2,4,6-Tribromophenol
Concen: 114.745 ng
RT: 16.463 min Scan# 2200
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02



Tgt Ion:330 Resp: 89115
Ion Ratio Lower Upper
330 100
332 96.1 78.2 117.2
141 31.4 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 47.198 ng
RT: 13.426 min Scan# 1683
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

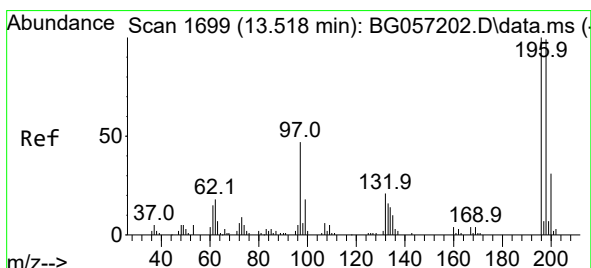
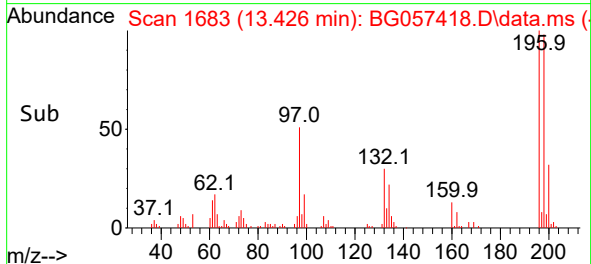
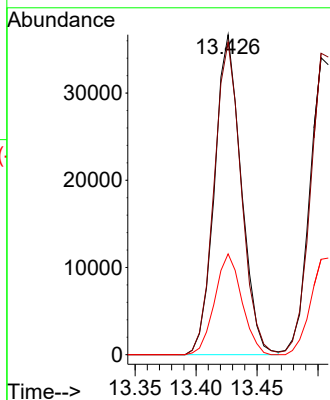
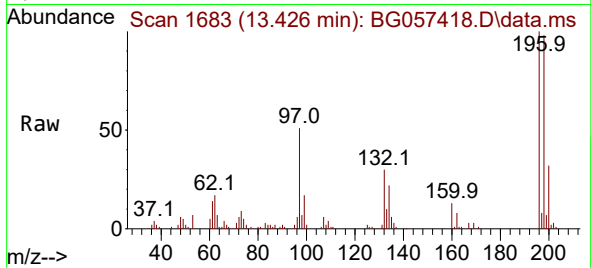
ClientSampleId :

PB152721BS

Tgt Ion:196 Resp: 55874
Ion Ratio Lower Upper
196 100
198 97.7 81.2 121.8
200 31.5 26.3 39.5

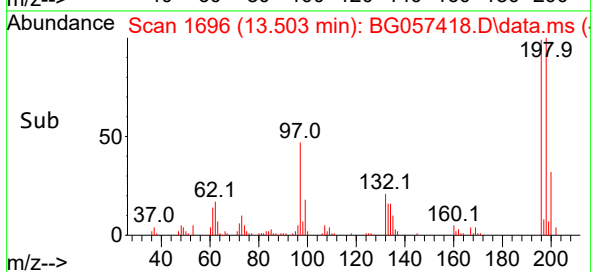
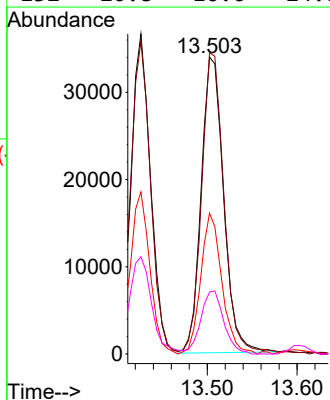
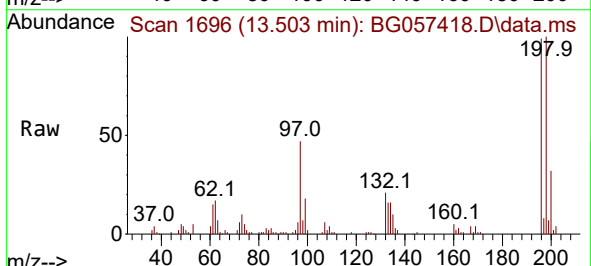
Manual Integrations
APPROVED

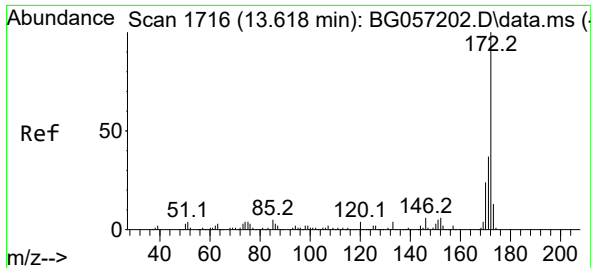
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#44
2,4,5-Trichlorophenol
Concen: 42.211 ng
RT: 13.503 min Scan# 1696
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Tgt Ion:196 Resp: 58780
Ion Ratio Lower Upper
196 100
198 101.5 79.4 119.2
97 47.4 37.0 55.4
132 20.8 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 67.306 ng
RT: 13.602 min Scan# 1713
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

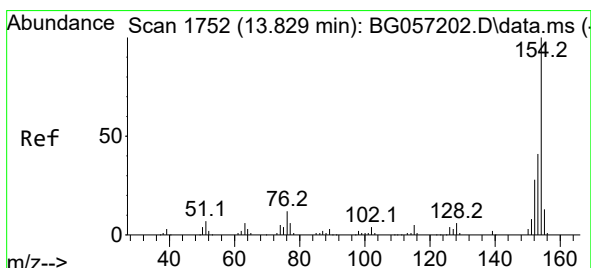
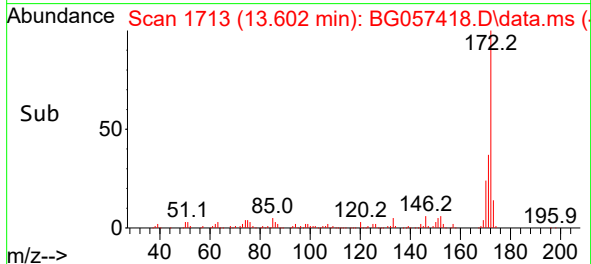
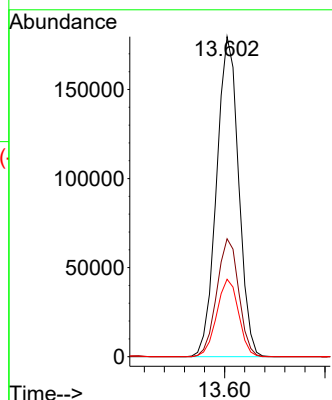
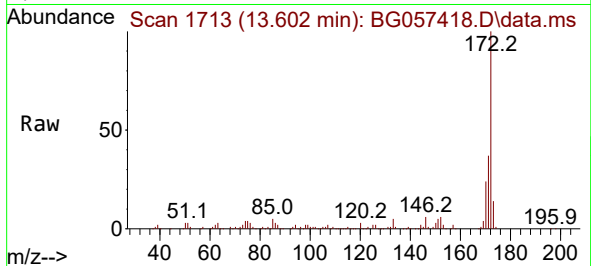
PB152721BS

Tgt Ion:172 Resp: 273530
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 24.2 19.0 28.6

Manual Integrations

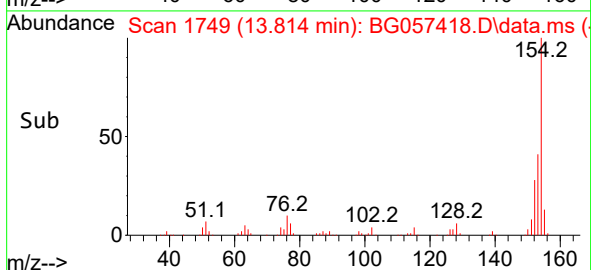
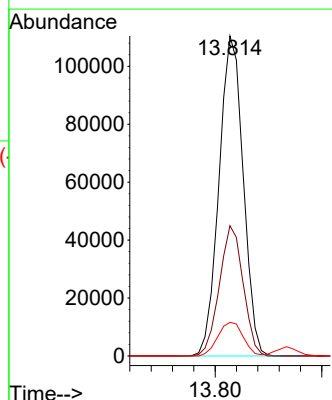
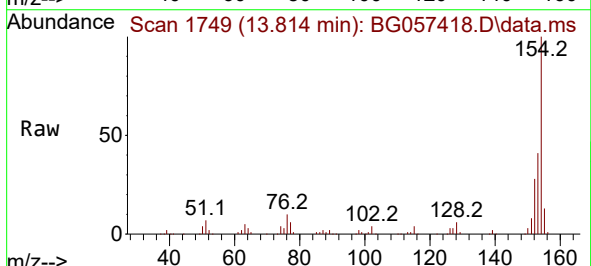
APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#46
1,1'-Biphenyl
Concen: 42.736 ng
RT: 13.814 min Scan# 1749
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Tgt Ion:154 Resp: 173574
Ion Ratio Lower Upper
154 100
153 40.7 20.9 60.9
76 10.5 0.0 31.7





#47
2-Chloronaphthalene
Concen: 43.982 ng
RT: 13.867 min Scan# 1761
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

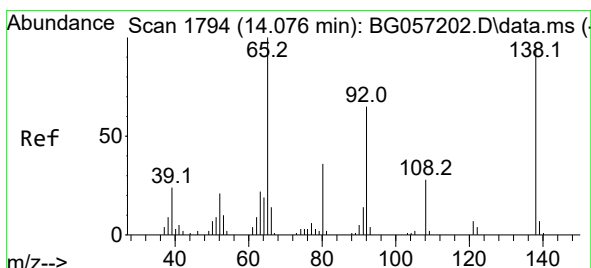
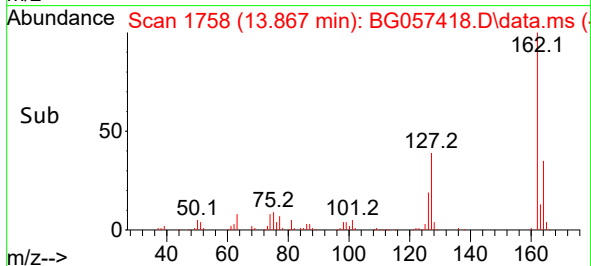
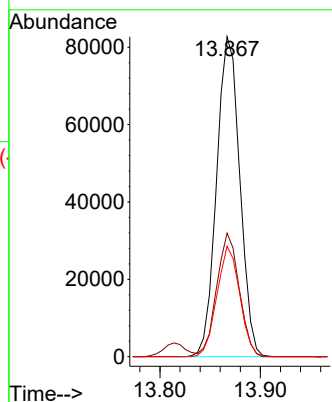
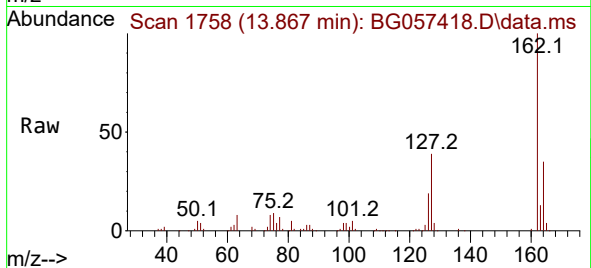
PB152721BS

Tgt Ion:162 Resp: 132830
Ion Ratio Lower Upper
162 100
127 38.6 29.8 44.6
164 34.5 26.6 40.0

Manual Integrations

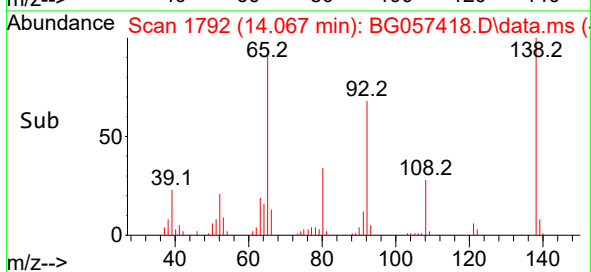
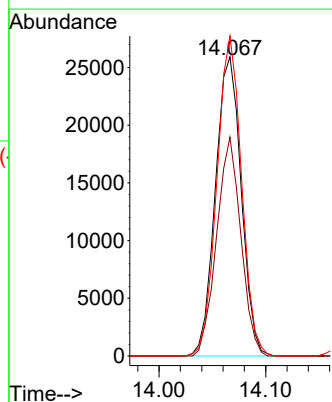
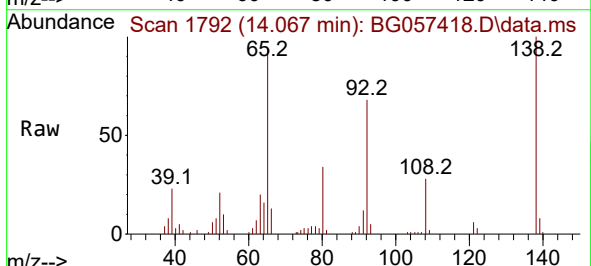
APPROVED

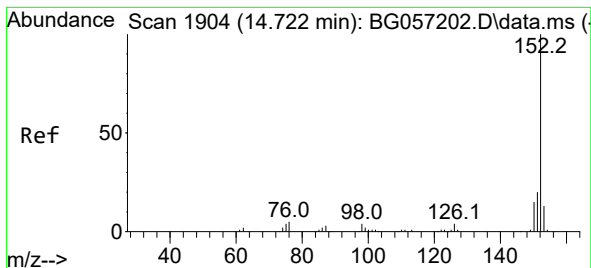
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#48
2-Nitroaniline
Concen: 42.352 ng
RT: 14.067 min Scan# 1792
Delta R.T. 0.005 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Tgt Ion: 65 Resp: 43493
Ion Ratio Lower Upper
65 100
92 73.1 52.1 78.1
138 106.9 75.3 112.9





#49

Acenaphthylene

Concen: 42.917 ng

RT: 14.707 min Scan# 1901

Delta R.T. -0.001 min

Lab File: BG057418.D

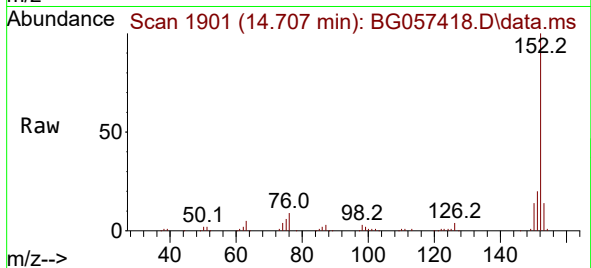
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

PB152721BS



Tgt Ion:152 Resp: 21058

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

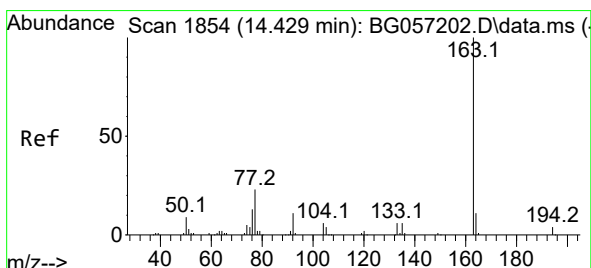
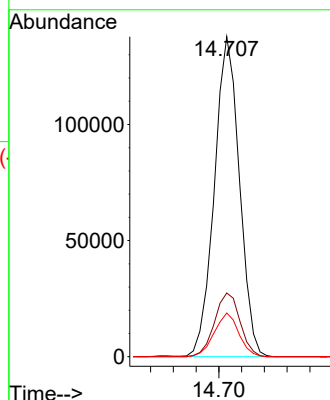
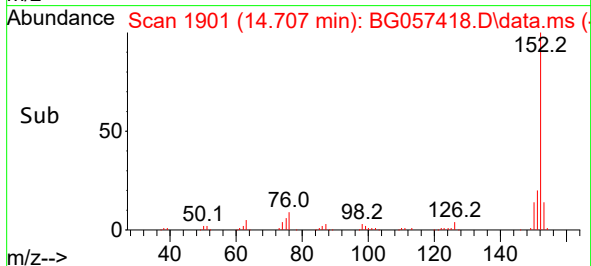
153 13.7 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#50

Dimethylphthalate

Concen: 40.511 ng

RT: 14.419 min Scan# 1852

Delta R.T. 0.005 min

Lab File: BG057418.D

Acq: 12 May 2023 21:02

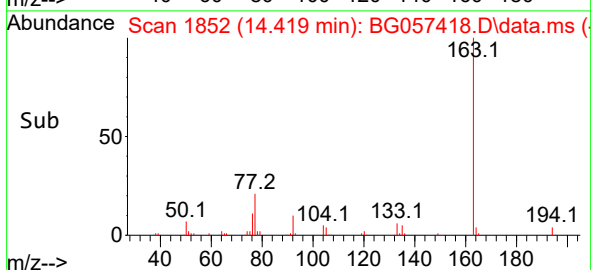
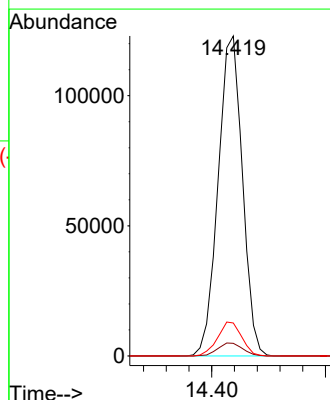
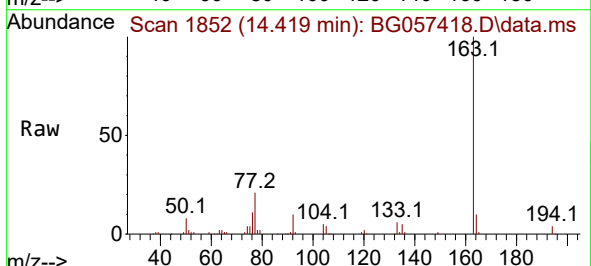
Tgt Ion:163 Resp: 182213

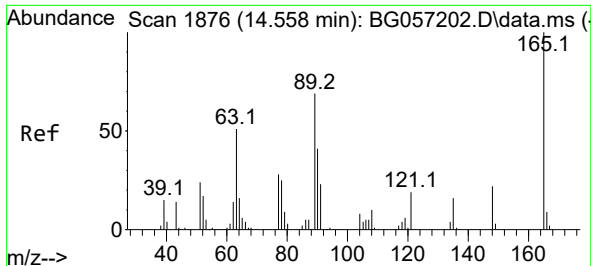
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

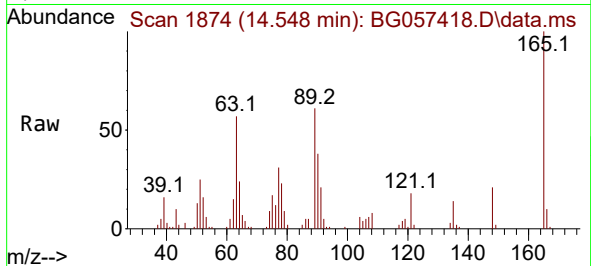
164 10.3 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 44.259 ng
RT: 14.548 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

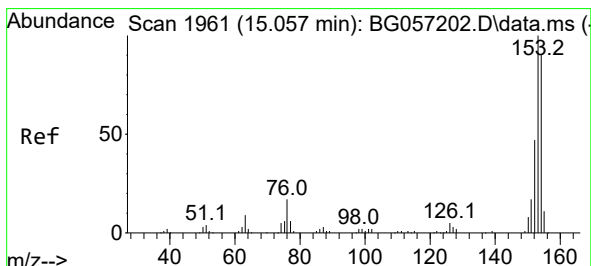
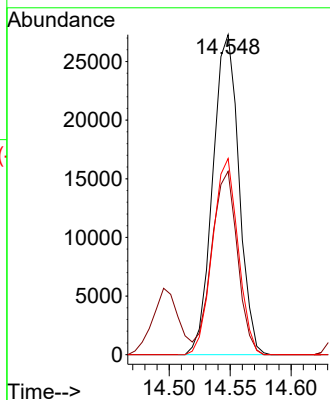
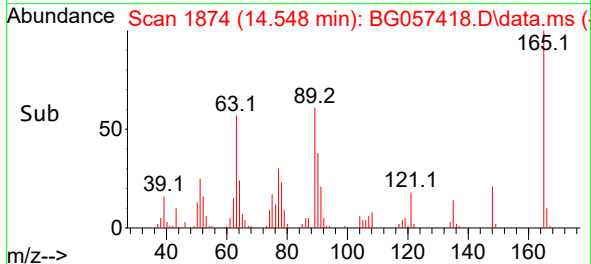
Instrument :
BNA_G
ClientSampleId :
PB152721BS



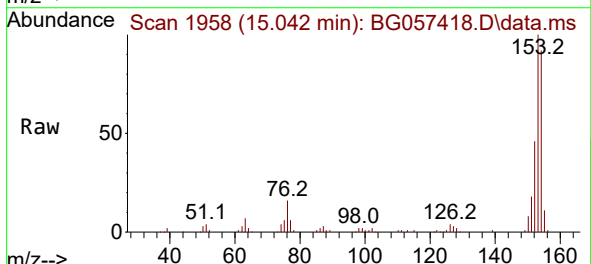
Tgt Ion:165 Resp: 4064
Ion Ratio Lower Upper
165 100
63 57.3 50.9 76.3
89 61.3 55.2 82.8

Manual Integrations
APPROVED

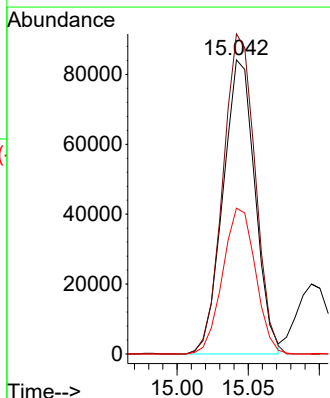
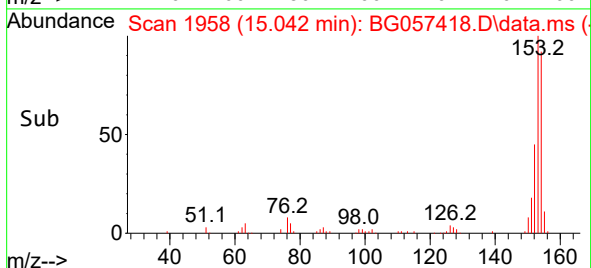
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

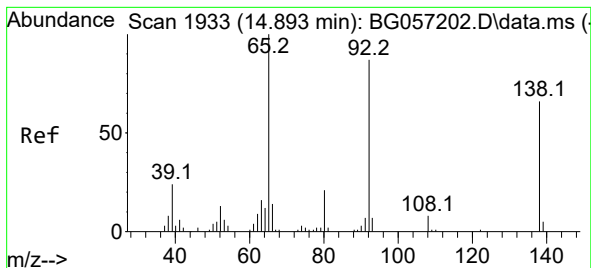


#52
Acenaphthene
Concen: 43.031 ng
RT: 15.042 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02



Tgt Ion:154 Resp: 131938
Ion Ratio Lower Upper
154 100
153 108.8 89.3 133.9
152 49.6 41.7 62.5





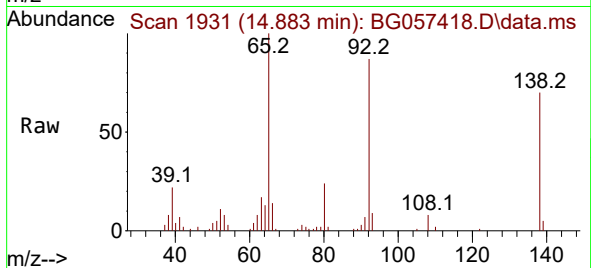
#53
3-Nitroaniline
Concen: 31.686 ng
RT: 14.883 min Scan# 1931
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

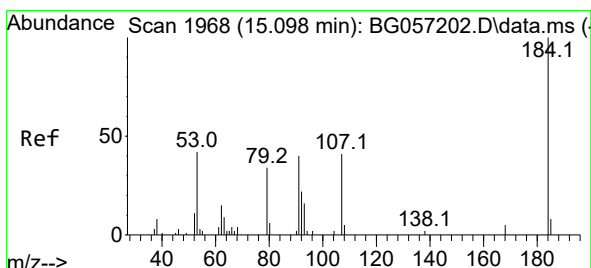
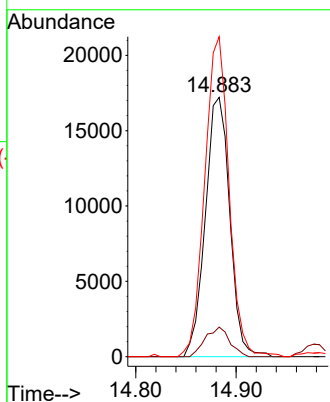
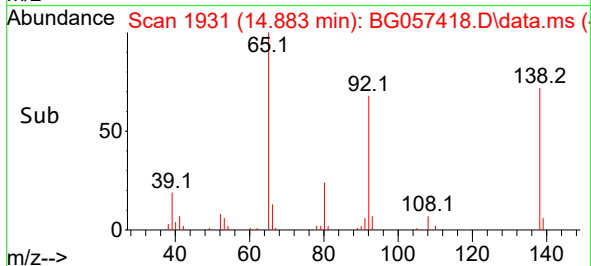
PB152721BS



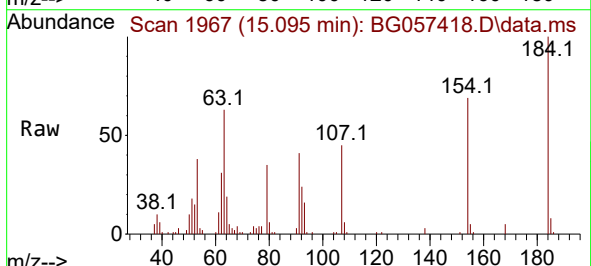
Tgt Ion:138 Resp: 2915
Ion Ratio Lower Upper
138 100
108 11.4 9.5 14.3
92 123.4 106.2 159.4

Manual Integrations
APPROVED

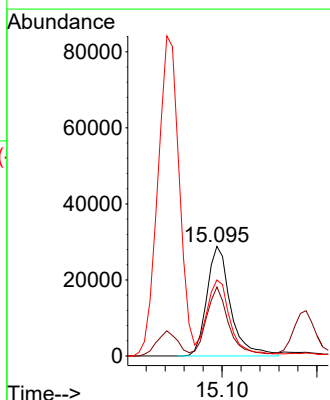
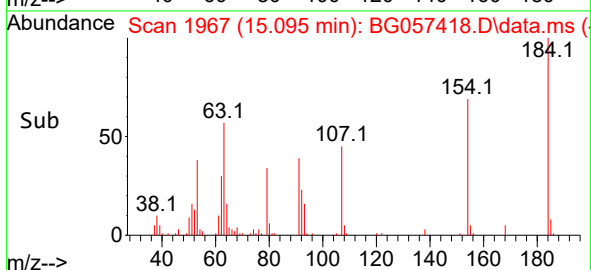
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

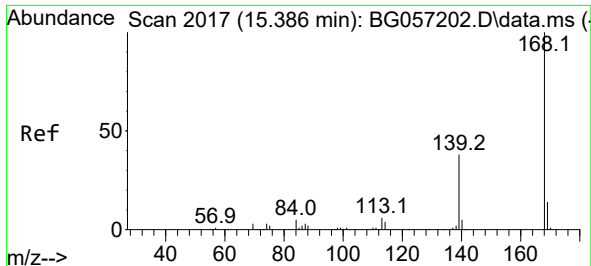


#54
2,4-Dinitrophenol
Concen: 87.638 ng
RT: 15.095 min Scan# 1967
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02



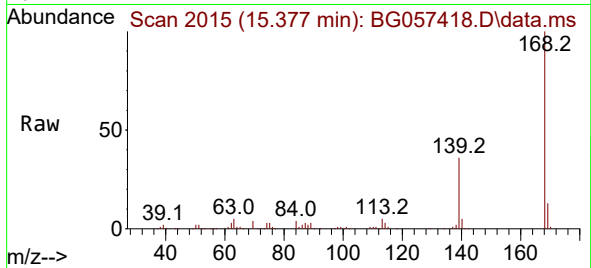
Tgt Ion:184 Resp: 50126
Ion Ratio Lower Upper
184 100
63 63.0 48.2 72.4
154 69.4 55.4 83.2





#55
Dibenzenofuran
Concen: 42.750 ng
RT: 15.377 min Scan# 2017
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

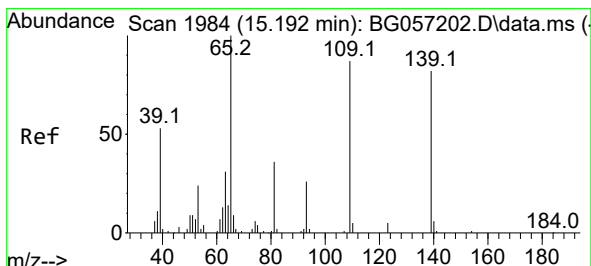
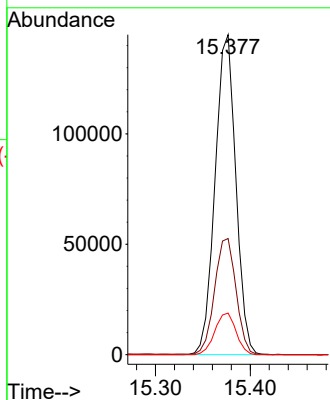
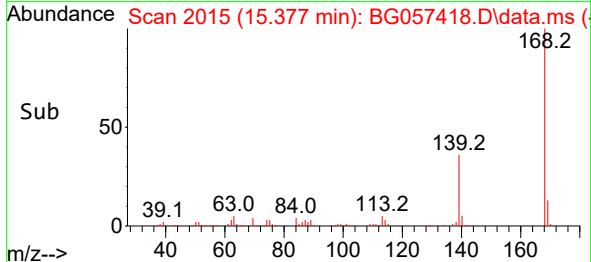
Instrument :
BNA_G
ClientSampleId :
PB152721BS



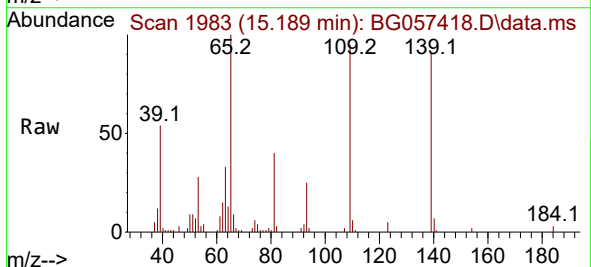
Tgt Ion:168 Resp: 220235
Ion Ratio Lower Upper
168 100
139 36.3 30.7 46.1
169 13.0 10.9 16.3

Manual Integrations
APPROVED

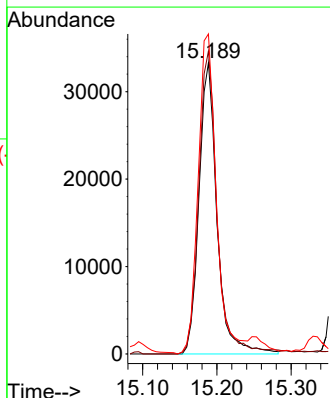
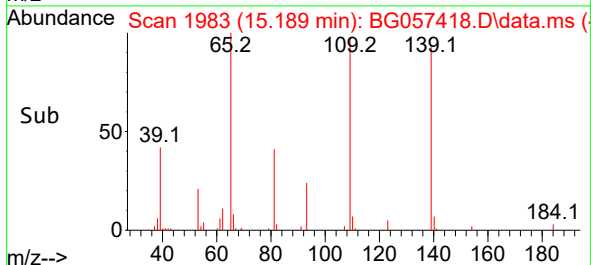
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

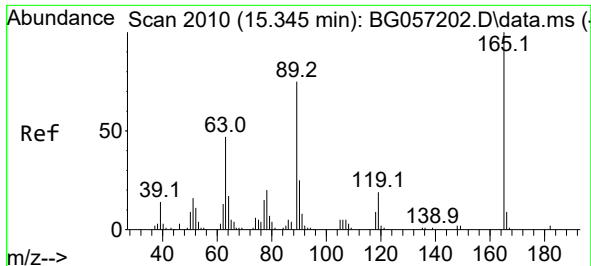


#56
4-Nitrophenol
Concen: 91.786 ng
RT: 15.189 min Scan# 1983
Delta R.T. 0.005 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02



Tgt Ion:139 Resp: 56164
Ion Ratio Lower Upper
139 100
109 104.0 86.6 126.6
65 109.9 102.6 142.6





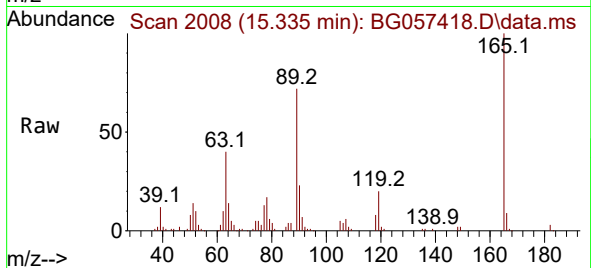
#57
2,4-Dinitrotoluene
Concen: 44.183 ng
RT: 15.335 min Scan# 2010
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

PB152721BS

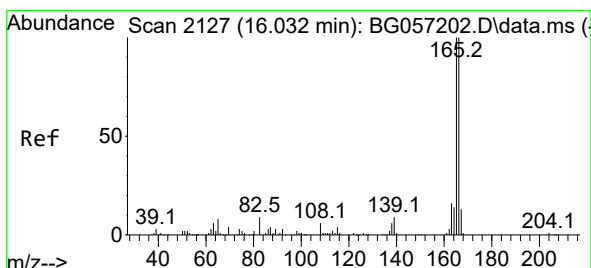
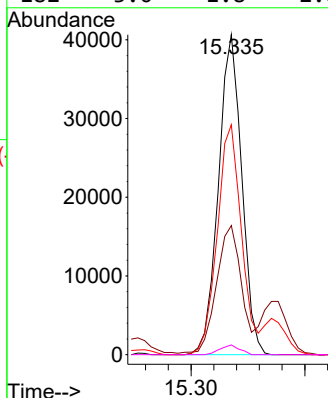
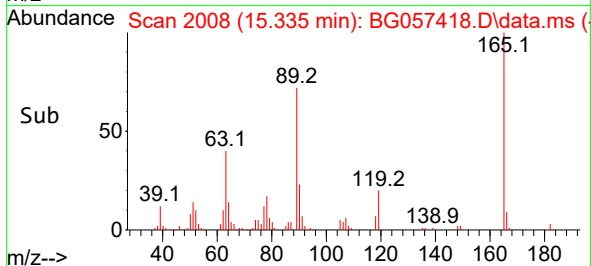


Tgt Ion:165 Resp: 57989
Ion Ratio Lower Upper
165 100
63 40.3 37.5 56.3
89 71.9 60.2 90.4
182 3.0 1.8 2.8#

Manual Integrations

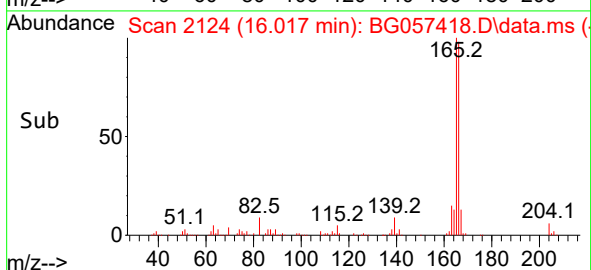
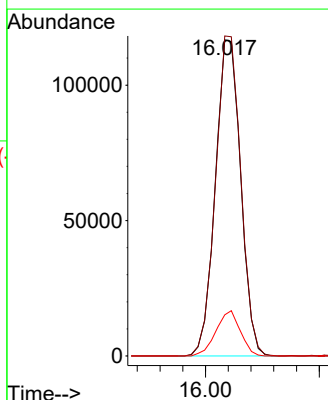
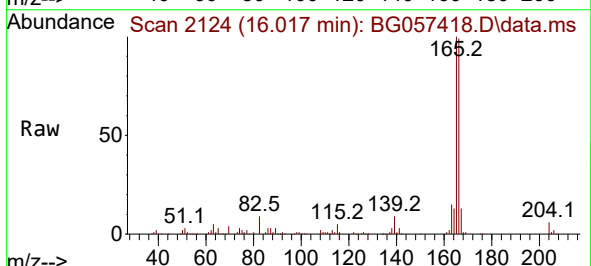
APPROVED

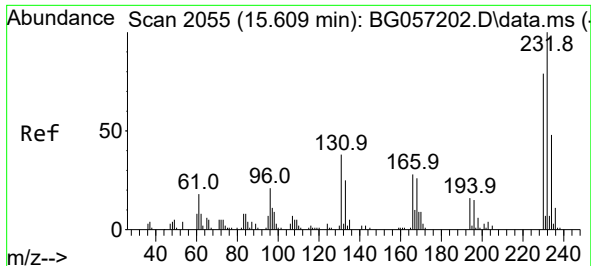
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#58
Fluorene
Concen: 42.531 ng
RT: 16.017 min Scan# 2124
Delta R.T. -0.007 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Tgt Ion:166 Resp: 180477
Ion Ratio Lower Upper
166 100
165 101.2 80.1 120.1
167 13.0 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.781 ng
RT: 15.600 min Scan# 2055
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

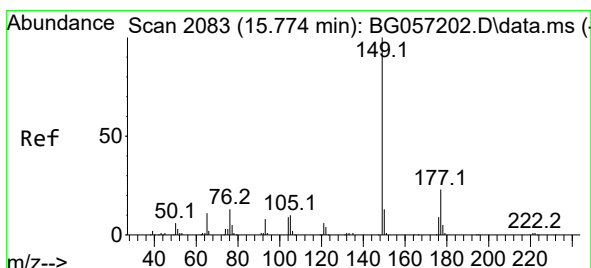
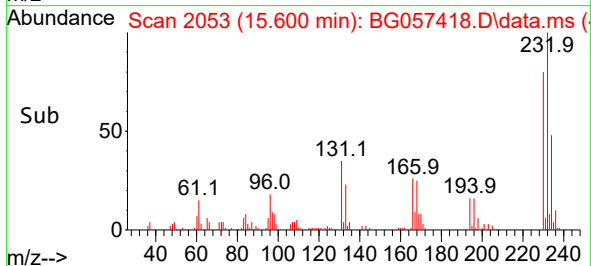
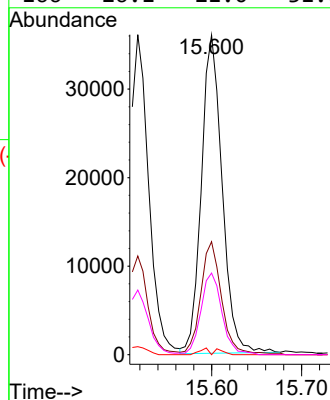
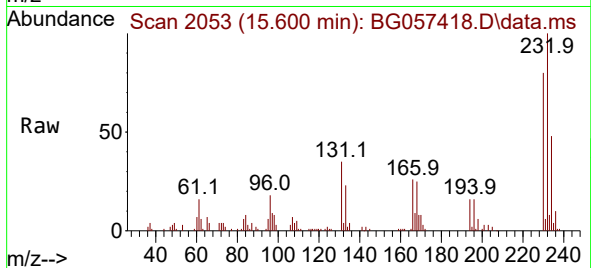
PB152721BS

Tgt Ion:232 Resp: 57798
Ion Ratio Lower Upper
232 100
131 35.7 28.6 42.8
130 0.9 1.6 2.4
166 26.1 21.0 31.6

Manual Integrations

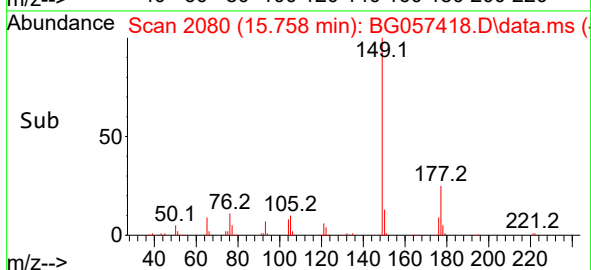
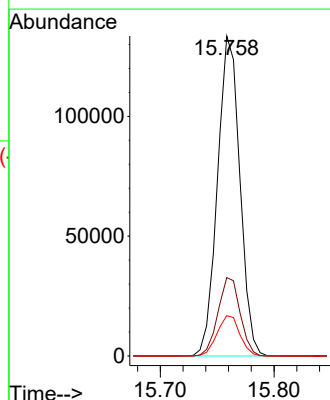
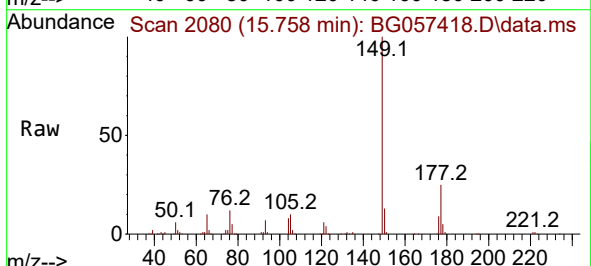
APPROVED

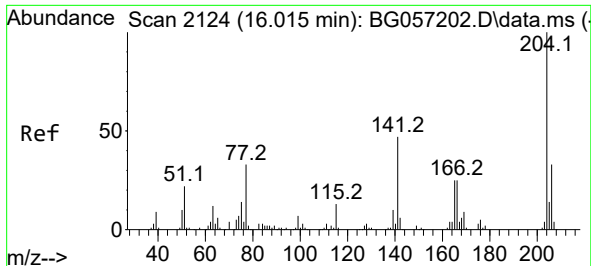
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#60
Diethylphthalate
Concen: 39.981 ng
RT: 15.758 min Scan# 2080
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Tgt Ion:149 Resp: 182623
Ion Ratio Lower Upper
149 100
177 24.5 18.3 27.5
150 12.6 10.1 15.1





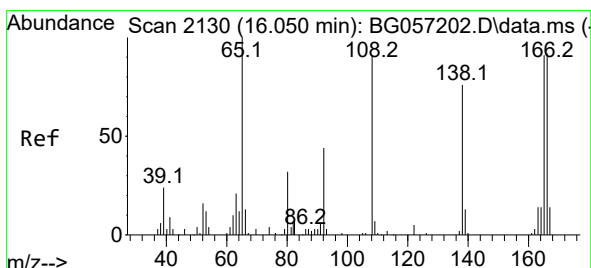
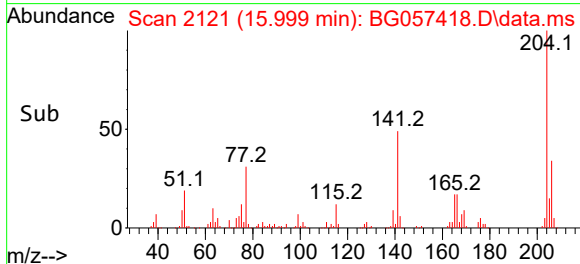
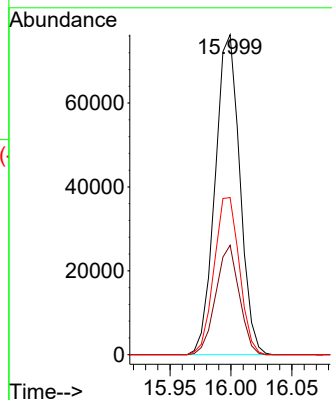
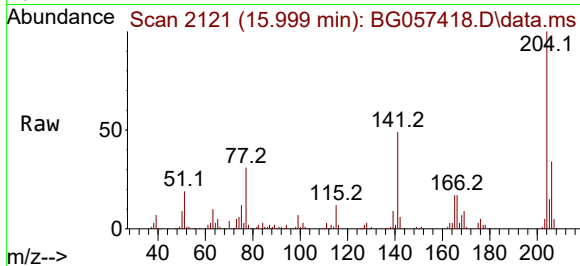
#61
4-Chlorophenyl-phenylether
Concen: 42.083 ng
RT: 15.999 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :
BNA_G
ClientSampleId :
PB152721BS

Tgt Ion:204 Resp: 107580
Ion Ratio Lower Upper
204 100
206 34.2 26.5 39.7
141 49.1 37.4 56.0

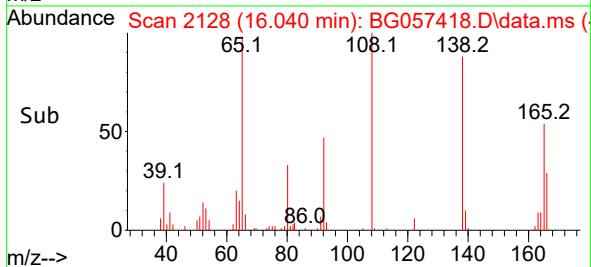
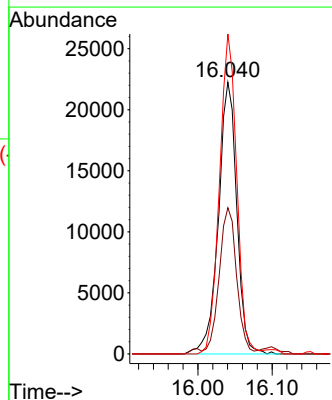
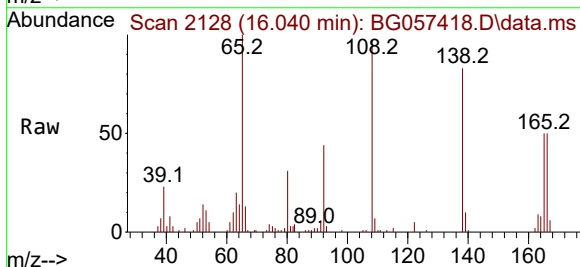
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#62
4-Nitroaniline
Concen: 41.300 ng
RT: 16.040 min Scan# 2128
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Tgt Ion:138 Resp: 38332
Ion Ratio Lower Upper
138 100
92 53.8 38.2 78.2
108 117.8 99.6 139.6





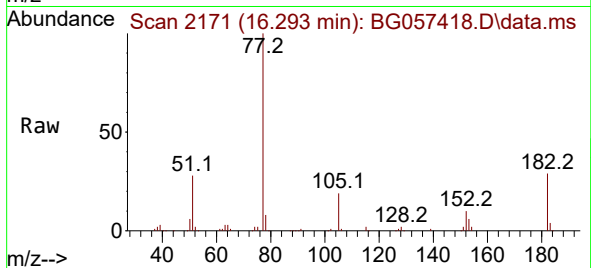
#63
Azobenzene
Concen: 38.370 ng
RT: 16.293 min Scan# 2171
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

PB152721BS

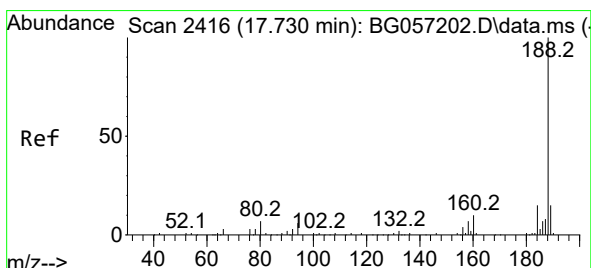
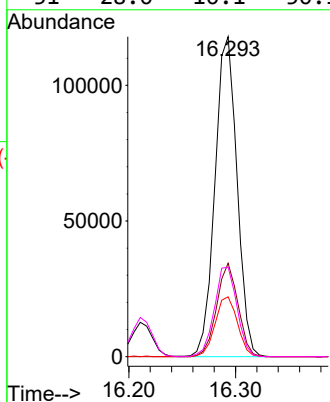
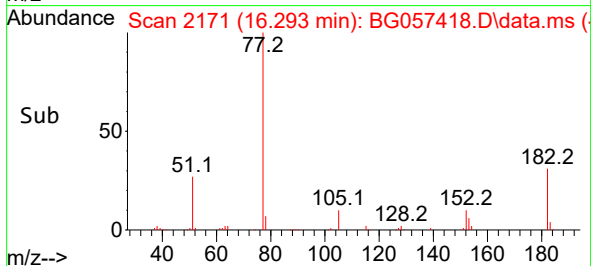


Tgt Ion: 77 Resp: 16910
Ion Ratio Lower Upper
77 100
182 29.2 7.4 47.4
105 18.7 0.0 37.2
51 28.0 10.1 50.1

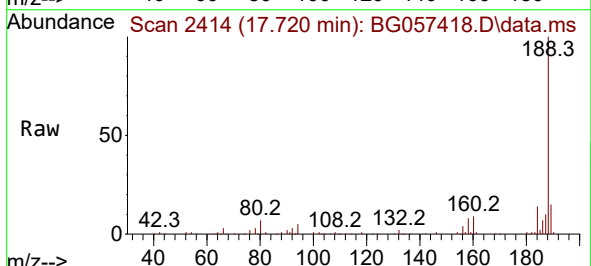
Manual Integrations

APPROVED

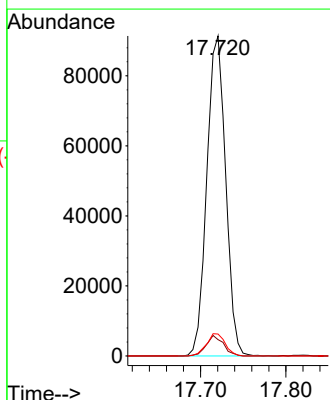
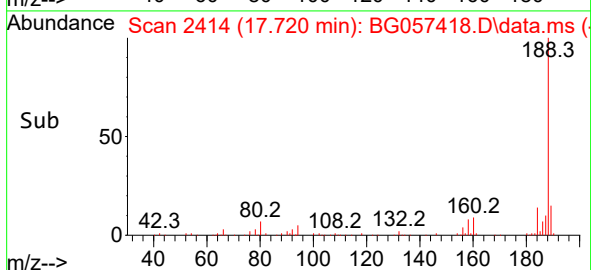
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

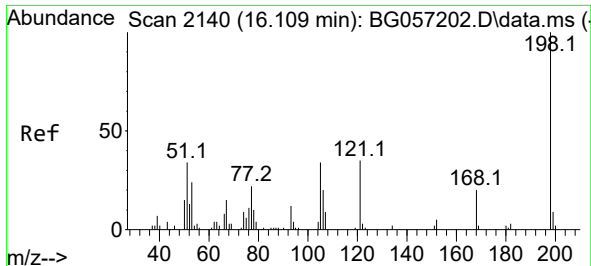


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.720 min Scan# 2414
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02



Tgt Ion:188 Resp: 140067
Ion Ratio Lower Upper
188 100
94 5.1 5.1 7.7#
80 6.9 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 49.344 ng
RT: 16.099 min Scan# 2140
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

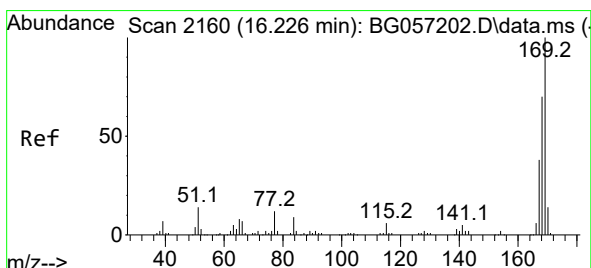
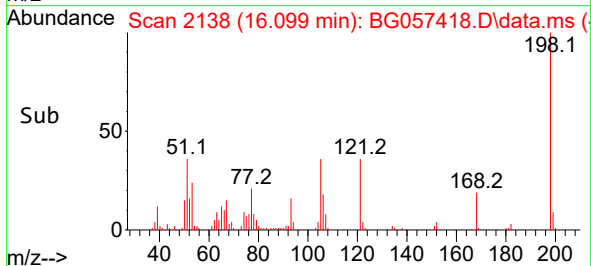
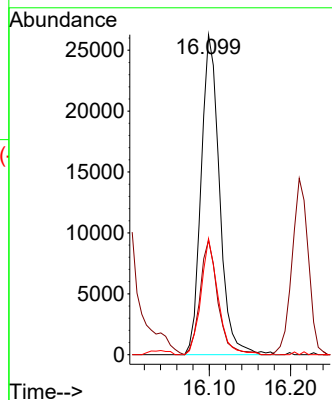
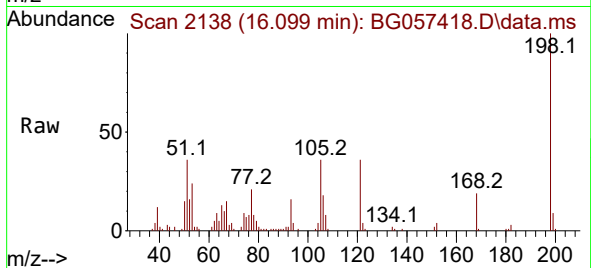
PB152721BS

Tgt Ion:198 Resp: 41264
Ion Ratio Lower Upper
198 100
51 35.8 16.1 56.1
105 36.3 14.0 54.0

Manual Integrations

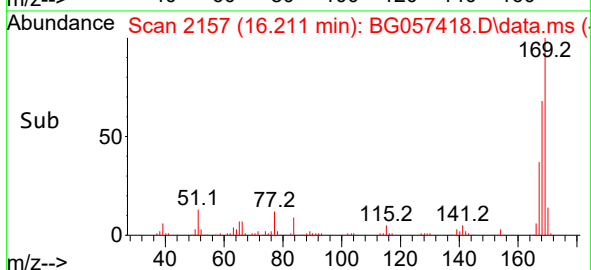
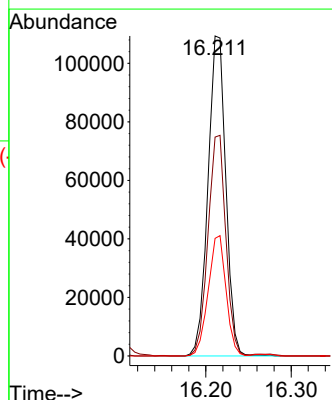
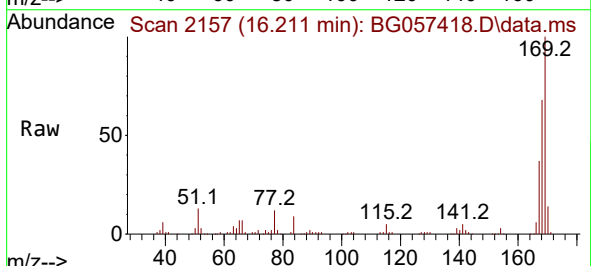
APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#66
n-Nitrosodiphenylamine
Concen: 41.811 ng
RT: 16.211 min Scan# 2157
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Tgt Ion:169 Resp: 159057
Ion Ratio Lower Upper
169 100
168 68.4 56.2 84.4
167 36.8 30.2 45.4





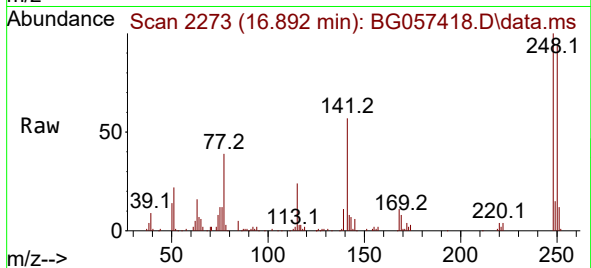
#67
4-Bromophenyl-phenylether
Concen: 42.306 ng
RT: 16.892 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

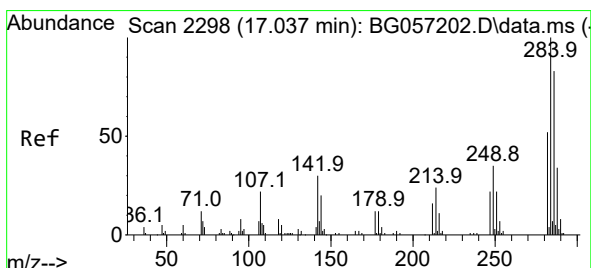
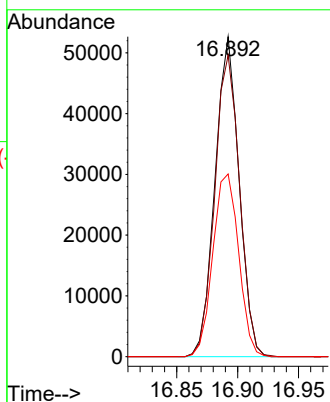
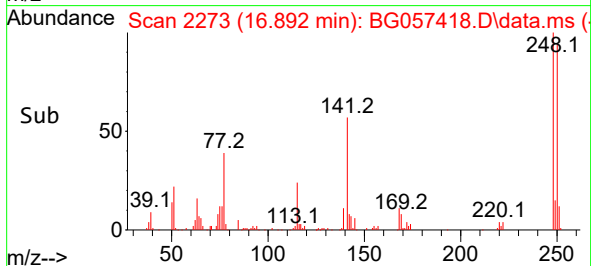
PB152721BS



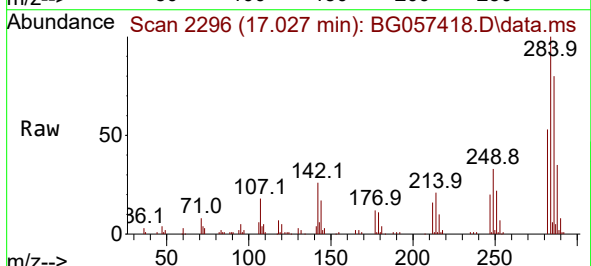
Tgt Ion:248 Resp: 7233
Ion Ratio Lower Upper
248 100
250 94.1 77.0 115.6
141 57.1 48.6 72.8

Manual Integrations
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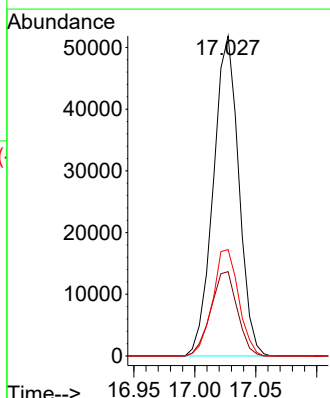
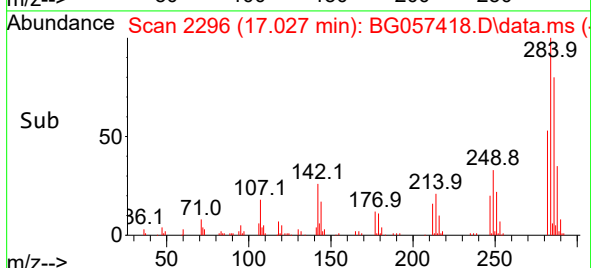
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

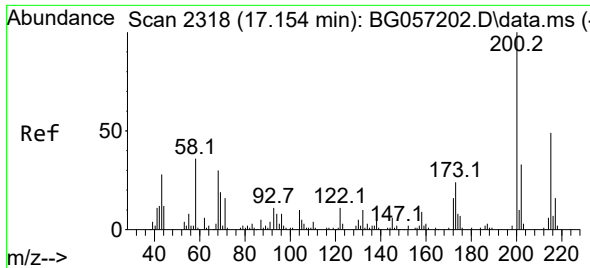


#68
Hexachlorobenzene
Concen: 45.322 ng
RT: 17.027 min Scan# 2296
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02



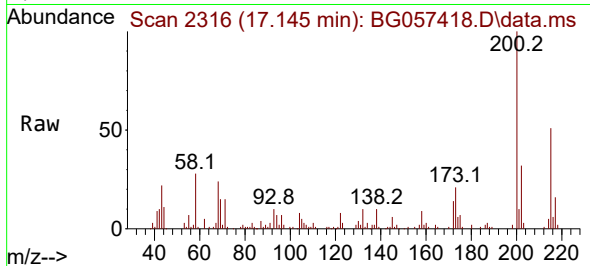
Tgt Ion:284 Resp: 75307
Ion Ratio Lower Upper
284 100
142 26.3 23.9 35.9
249 33.3 27.7 41.5





#69
 Atrazine
 Concen: 48.540 ng
 RT: 17.145 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG057418.D
 Acq: 12 May 2023 21:02

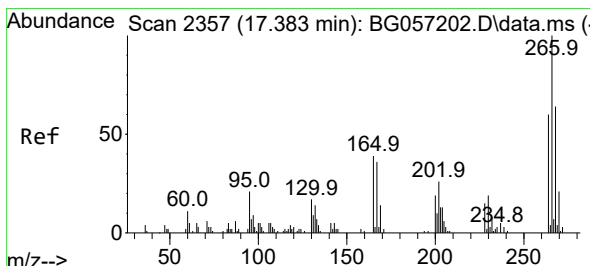
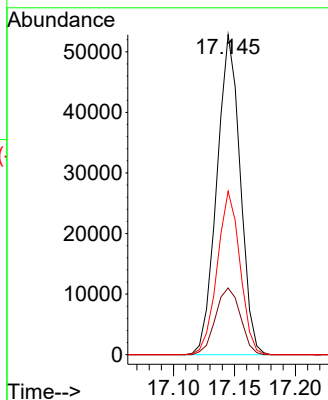
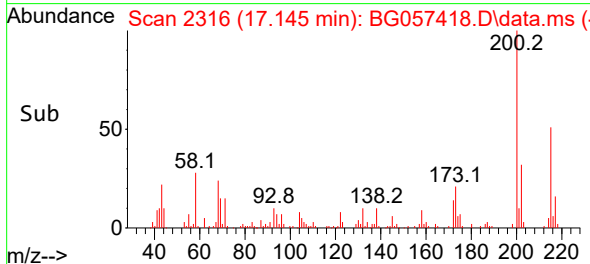
Instrument :
 BNA_G
 ClientSampleId :
 PB152721BS



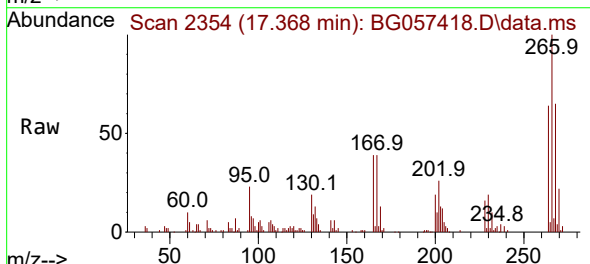
Tgt Ion:200 Resp: 7044
 Ion Ratio Lower Upper
 200 100
 173 20.9 4.3 44.3
 215 51.0 29.3 69.3

Manual Integrations
 APPROVED

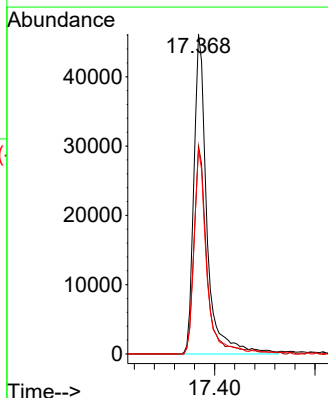
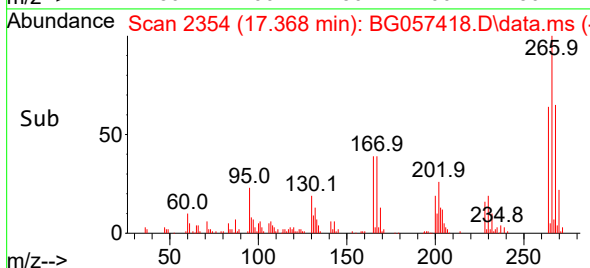
Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023

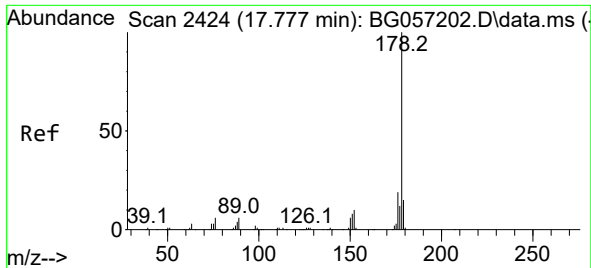


#70
 Pentachlorophenol
 Concen: 87.157 ng
 RT: 17.368 min Scan# 2354
 Delta R.T. -0.007 min
 Lab File: BG057418.D
 Acq: 12 May 2023 21:02



Tgt Ion:266 Resp: 83462
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.0 76.6
 264 64.2 47.8 71.6





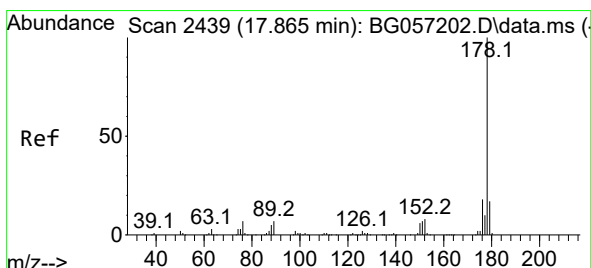
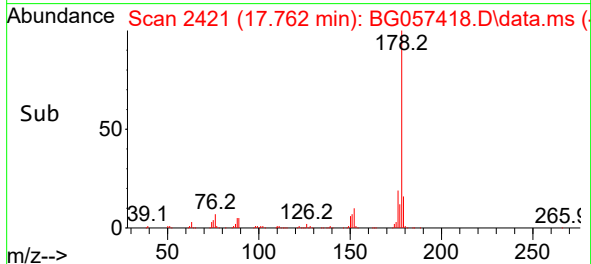
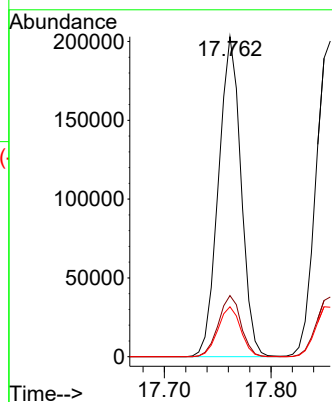
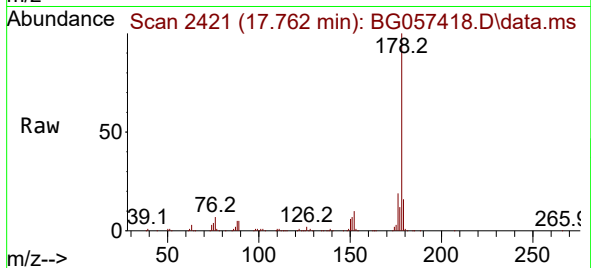
#71
Phenanthrene
Concen: 41.455 ng
RT: 17.762 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :
BNA_G
ClientSampleId :
PB152721BS

Tgt Ion:178 Resp: 29753
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.6 12.3 18.5

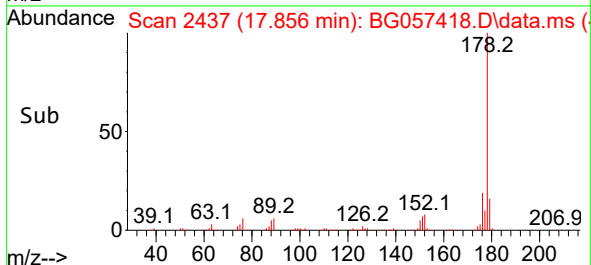
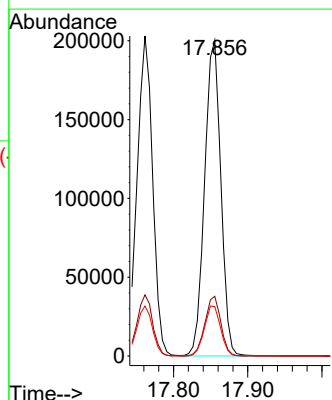
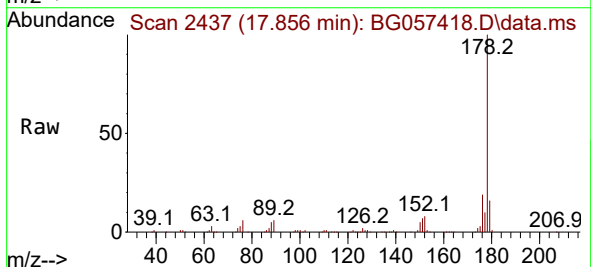
Manual Integrations
APPROVED

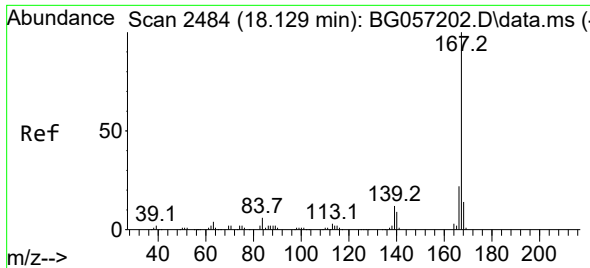
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#72
Anthracene
Concen: 41.294 ng
RT: 17.856 min Scan# 2437
Delta R.T. 0.005 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Tgt Ion:178 Resp: 304107
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.6 13.2 19.8





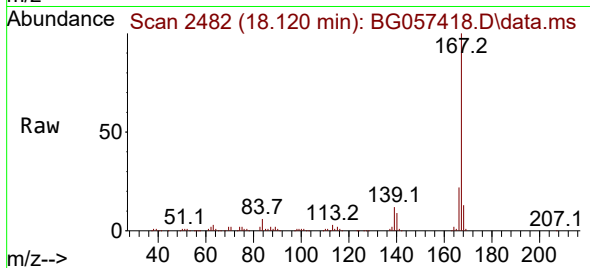
#73
 Carbazole
 Concen: 42.598 ng
 RT: 18.120 min Scan# 2484
 Delta R.T. -0.001 min
 Lab File: BG057418.D
 Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

PB152721BS

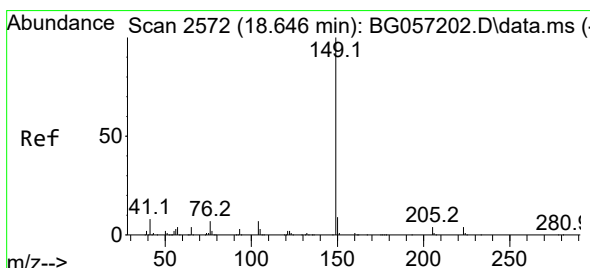
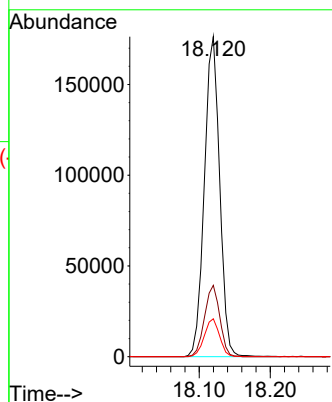
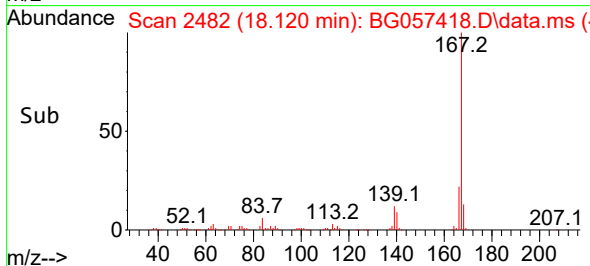


Tgt Ion:167 Resp: 264104
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.0
 139 11.8 9.6 14.4

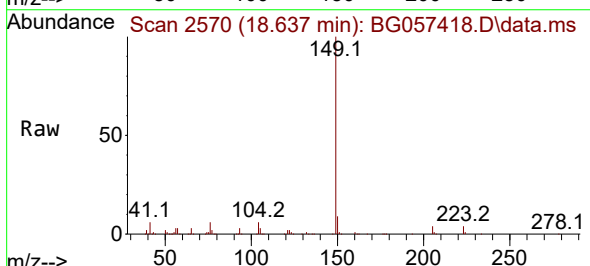
Manual Integrations

APPROVED

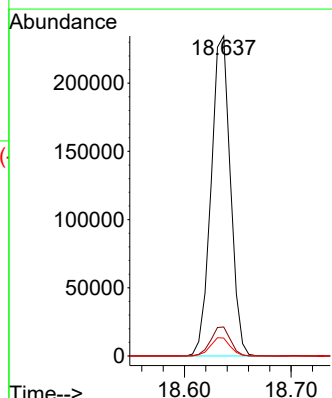
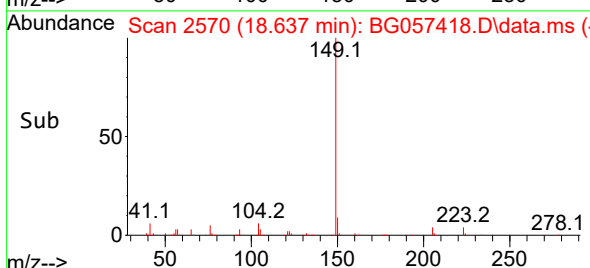
Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023

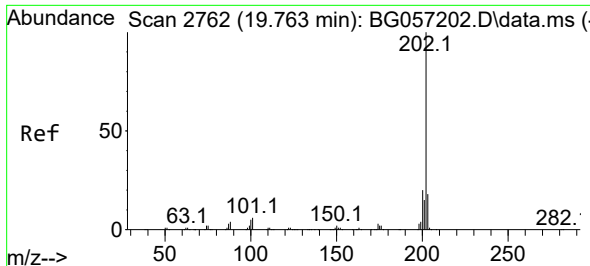


#74
 Di-n-butylphthalate
 Concen: 41.336 ng
 RT: 18.637 min Scan# 2570
 Delta R.T. -0.001 min
 Lab File: BG057418.D
 Acq: 12 May 2023 21:02



Tgt Ion:149 Resp: 294866
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.6 5.4 8.2





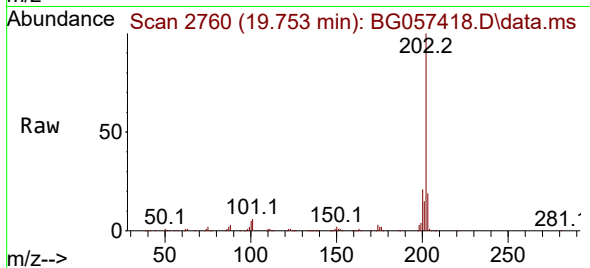
#75
Fluoranthene
Concen: 40.321 ng
RT: 19.753 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

PB152721BS

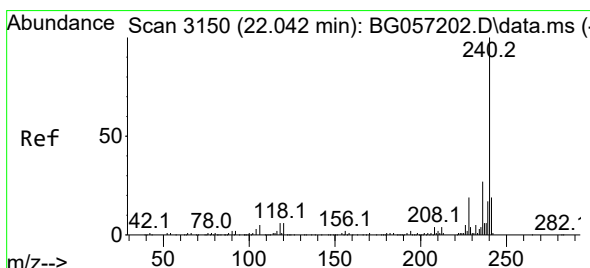
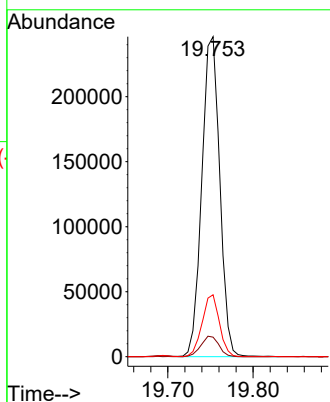
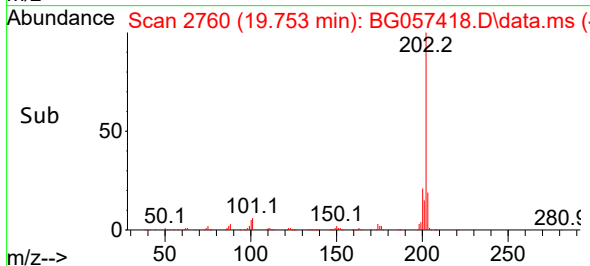


Tgt Ion:202 Resp: 35993
Ion Ratio Lower Upper
202 100
101 6.1 0.0 26.2
203 19.4 0.0 37.9

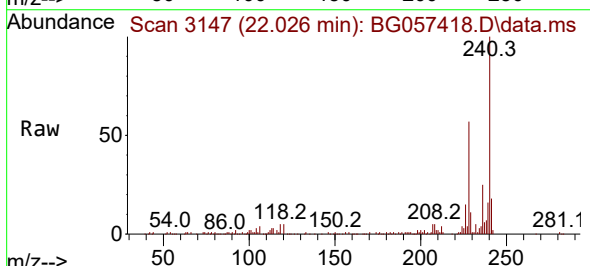
Manual Integrations

APPROVED

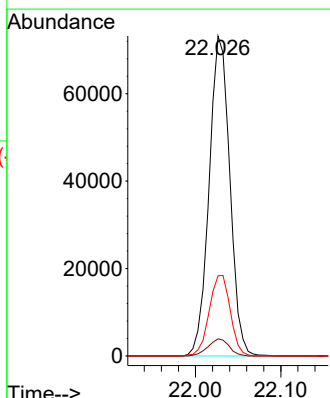
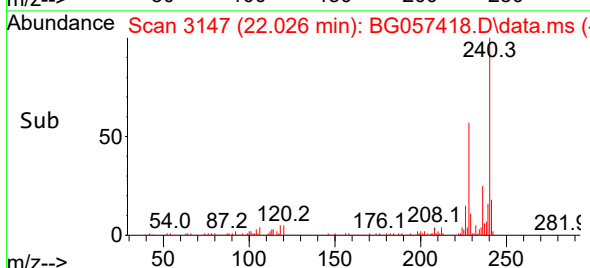
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

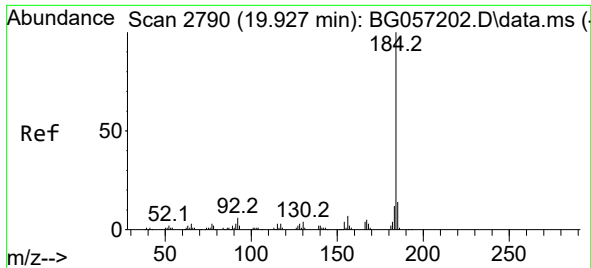


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.026 min Scan# 3147
Delta R.T. -0.007 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02



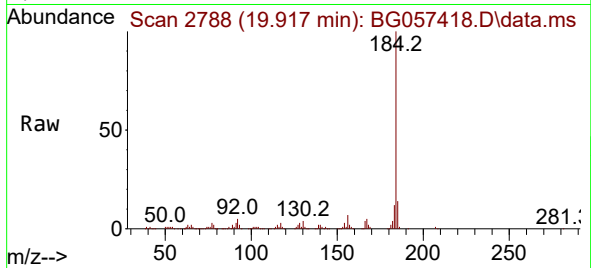
Tgt Ion:240 Resp: 123273
Ion Ratio Lower Upper
240 100
120 5.3 4.9 7.3
236 25.0 21.4 32.2





#77
Benzidine
Concen: 86.292 ng
RT: 19.917 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

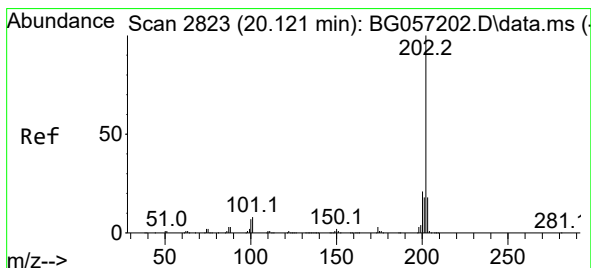
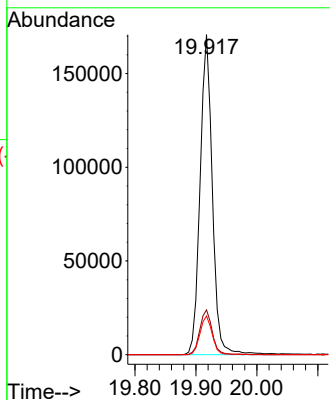
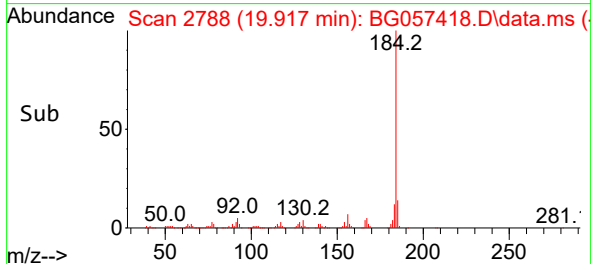
Instrument :
BNA_G
ClientSampleId :
PB152721BS



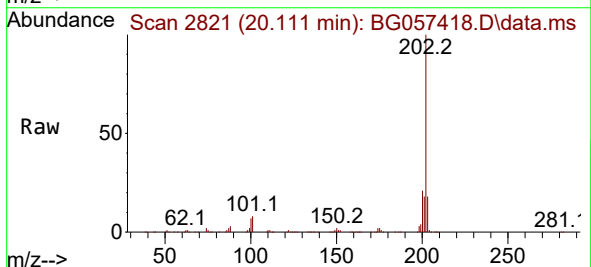
Tgt Ion:184 Resp: 237815
Ion Ratio Lower Upper
184 100
185 14.0 11.1 16.7
183 12.1 9.9 14.9

Manual Integrations
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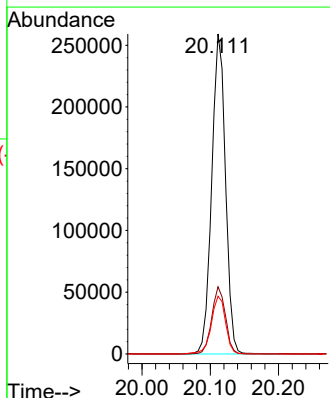
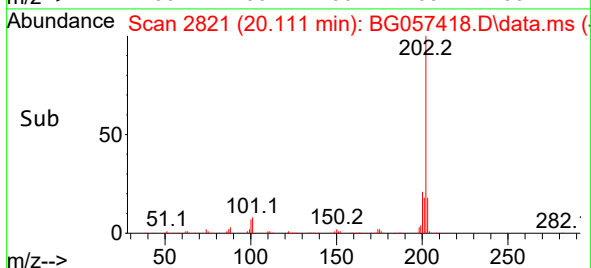
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

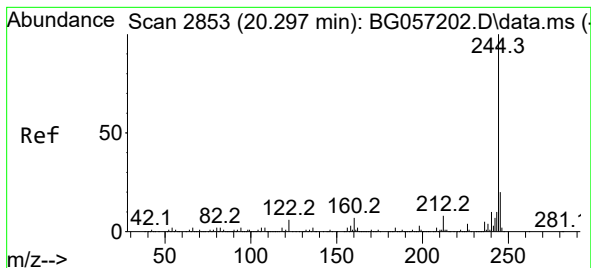


#78
Pyrene
Concen: 40.601 ng
RT: 20.111 min Scan# 2821
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02



Tgt Ion:202 Resp: 363690
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 18.0 14.2 21.4





#79

Terphenyl-d14

Concen: 64.984 ng

RT: 20.288 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG057418.D

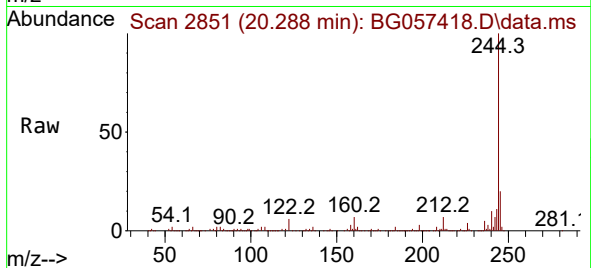
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

PB152721BS



Tgt Ion:244 Resp: 490878

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

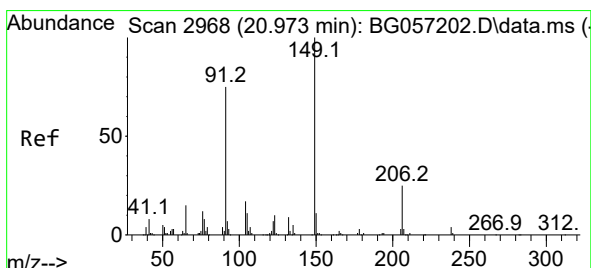
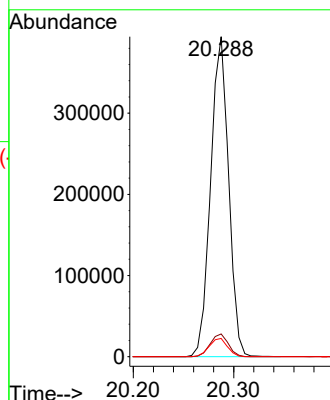
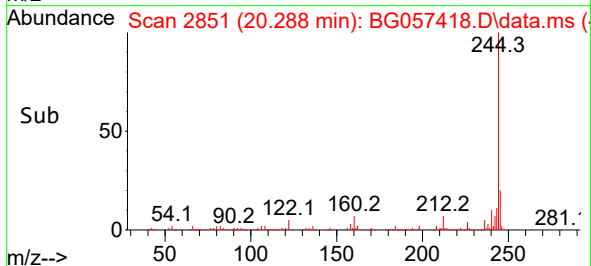
122 5.7 5.1 7.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#80

Butylbenzylphthalate

Concen: 45.067 ng

RT: 20.963 min Scan# 2966

Delta R.T. -0.001 min

Lab File: BG057418.D

Acq: 12 May 2023 21:02

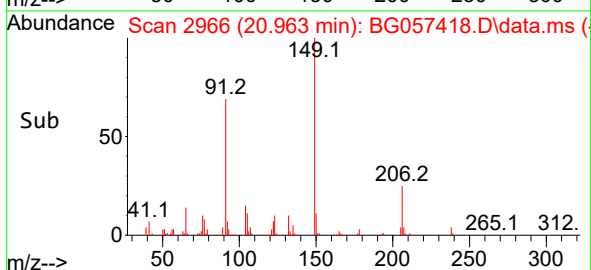
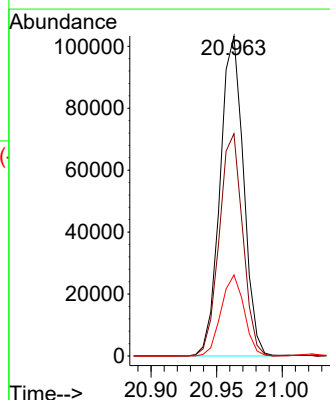
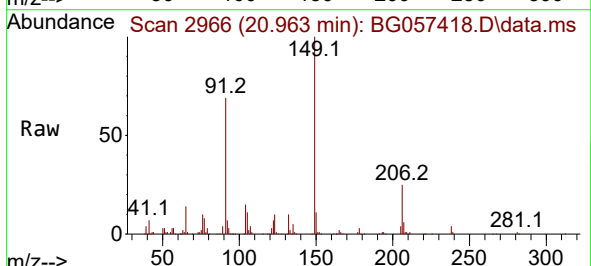
Tgt Ion:149 Resp: 128091

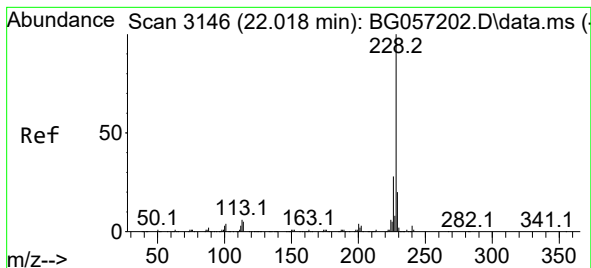
Ion Ratio Lower Upper

149 100

91 69.4 59.7 89.5

206 25.3 19.7 29.5





#81

Benzo(a)anthracene

Concen: 41.660 ng

RT: 22.009 min Scan# 3144

Delta R.T. -0.001 min

Lab File: BG057418.D

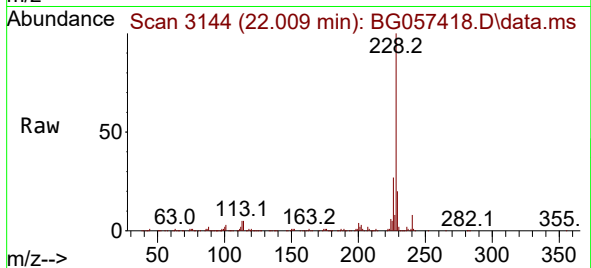
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

PB152721BS



Tgt Ion:228 Resp: 365889

Ion Ratio Lower Upper

228 100

226 26.6 22.0 33.0

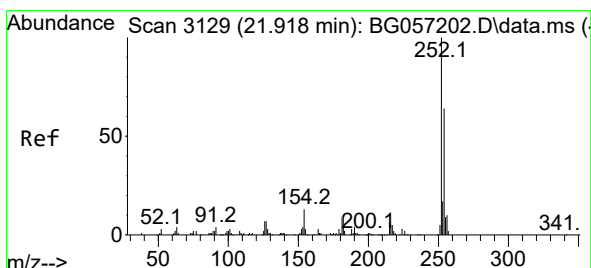
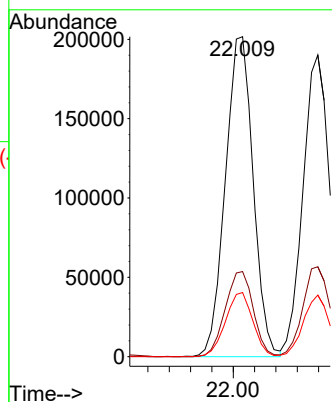
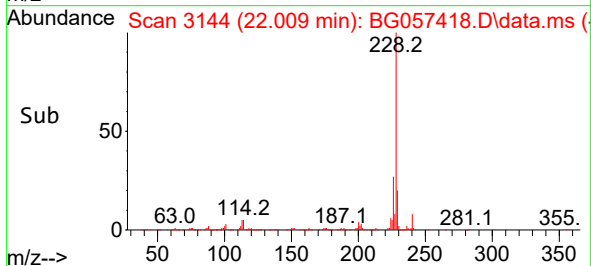
229 20.0 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#82

3,3'-Dichlorobenzidine

Concen: 34.007 ng

RT: 21.903 min Scan# 3126

Delta R.T. -0.001 min

Lab File: BG057418.D

Acq: 12 May 2023 21:02

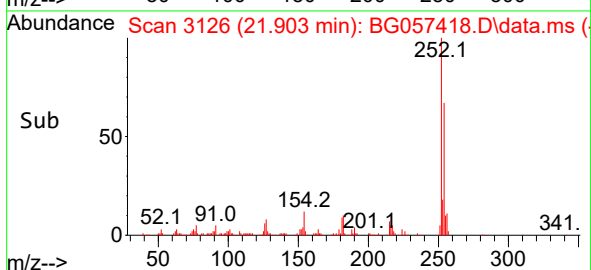
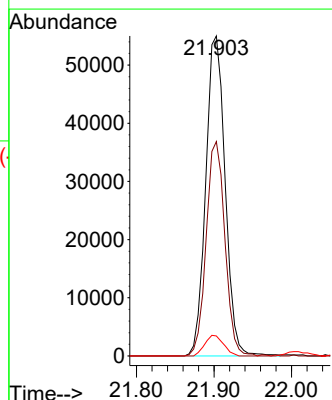
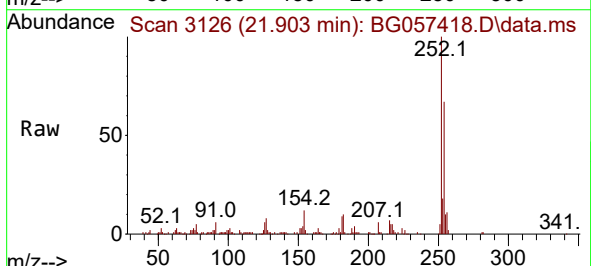
Tgt Ion:252 Resp: 95668

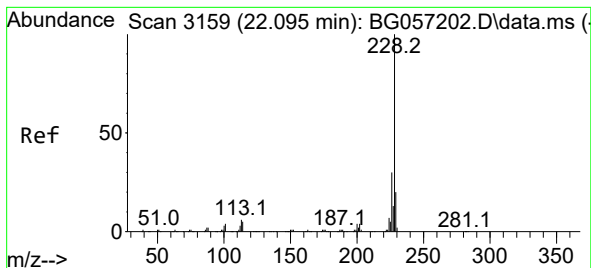
Ion Ratio Lower Upper

252 100

254 67.0 51.4 77.0

126 6.3 5.9 8.9





#83

Chrysene

Concen: 39.894 ng

RT: 22.079 min Scan# 3117

Delta R.T. -0.001 min

Lab File: BG057418.D

Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

PB152721BS

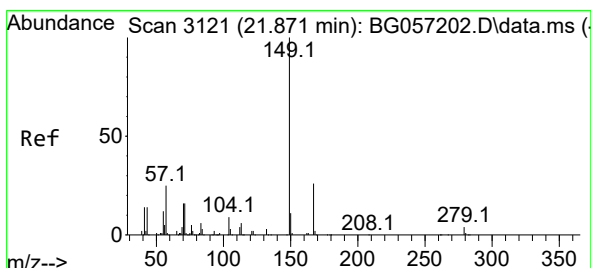
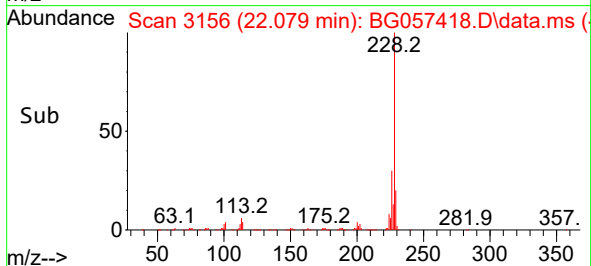
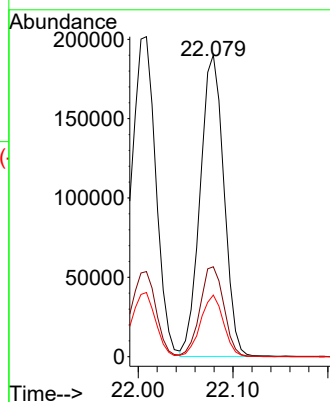
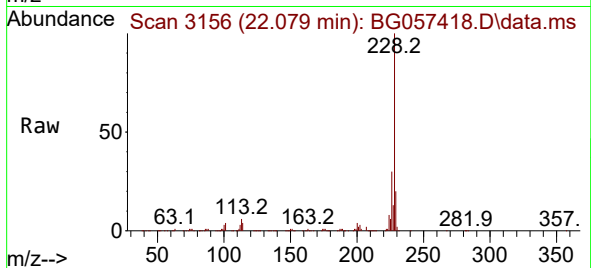
Tgt Ion:228 Resp: 32967

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	20.4	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.955 ng

RT: 21.850 min Scan# 3117

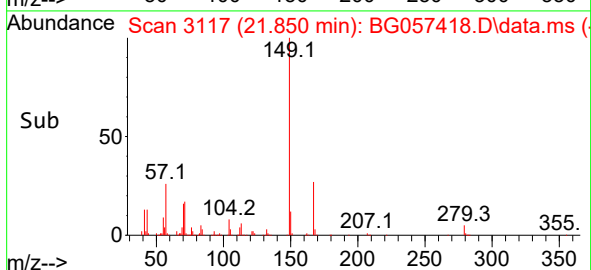
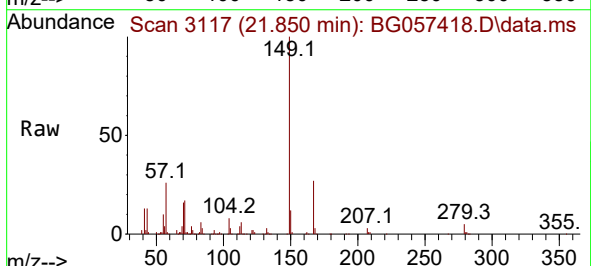
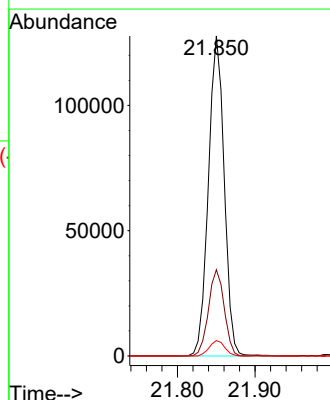
Delta R.T. -0.007 min

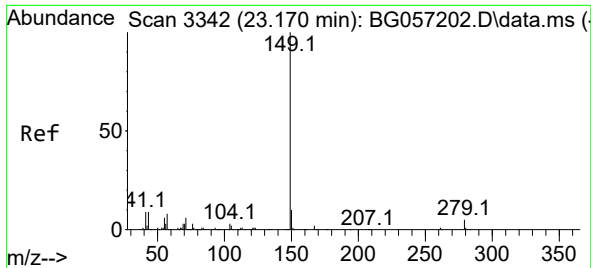
Lab File: BG057418.D

Acq: 12 May 2023 21:02

Tgt Ion:149 Resp: 180636

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.2	31.8
279	4.8	3.5	5.3





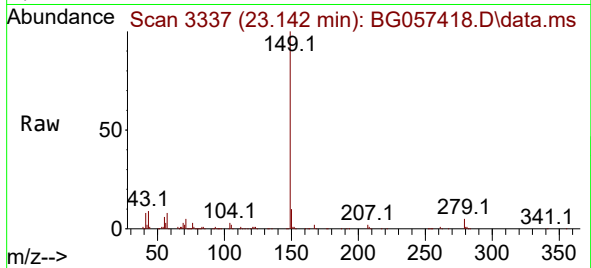
#85
Di-n-octyl phthalate
Concen: 43.110 ng
RT: 23.142 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

PB152721BS

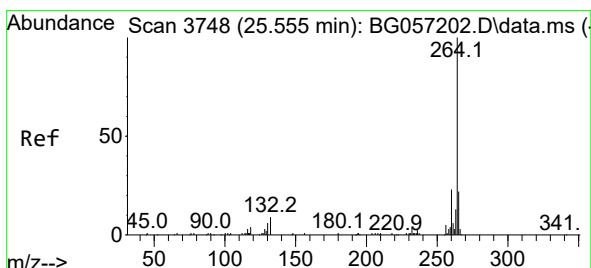
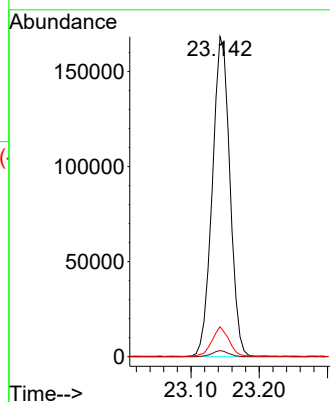
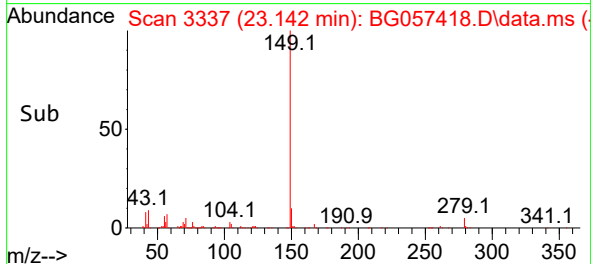


Tgt Ion:149 Resp: 30223
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 8.8 7.8 11.8

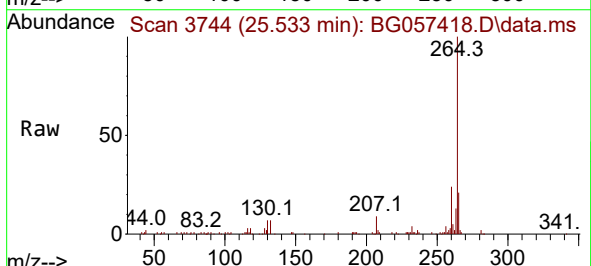
Manual Integrations

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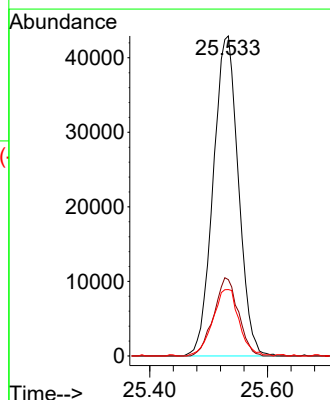
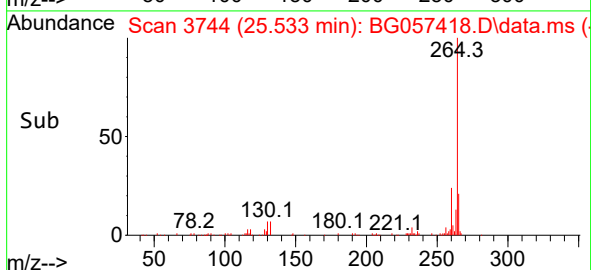
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

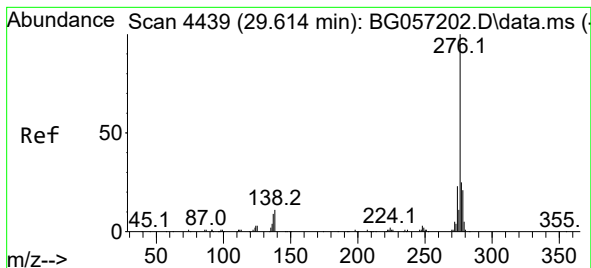


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.533 min Scan# 3744
Delta R.T. -0.001 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02



Tgt Ion:264 Resp: 127307
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 20.8 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.844 ng

RT: 29.581 min Scan# 4439

Delta R.T. -0.019 min

Lab File: BG057418.D

Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

PB152721BS

Tgt Ion:276 Resp: 40679

Ion Ratio Lower Upper

276 100

138 0.0 5.4 8.0

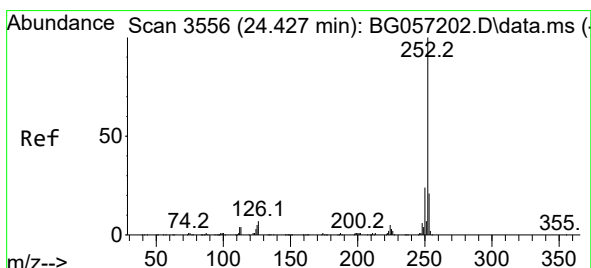
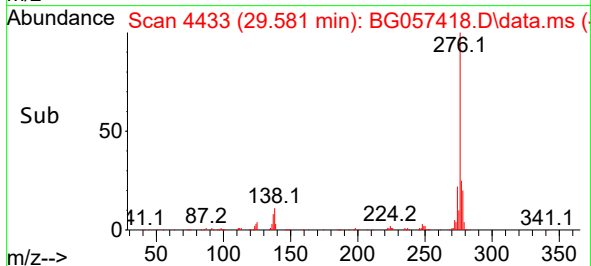
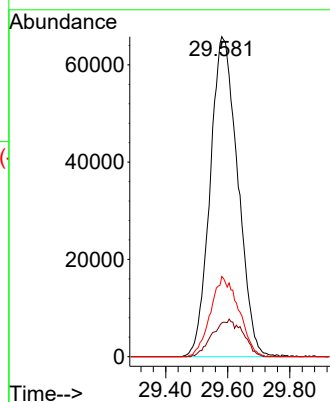
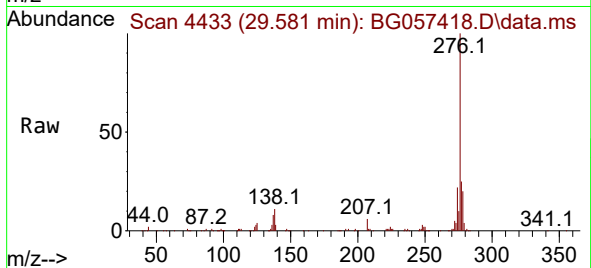
277 25.6 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#88

Benzo(b)fluoranthene

Concen: 44.637 ng

RT: 24.411 min Scan# 3553

Delta R.T. -0.001 min

Lab File: BG057418.D

Acq: 12 May 2023 21:02

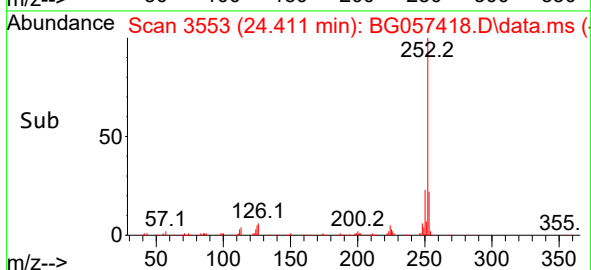
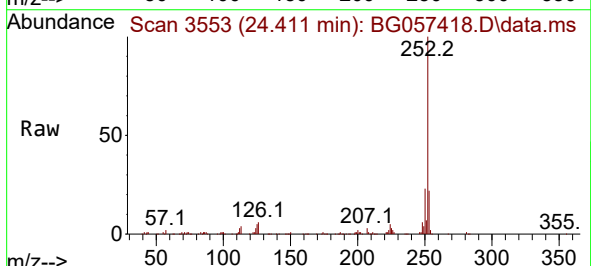
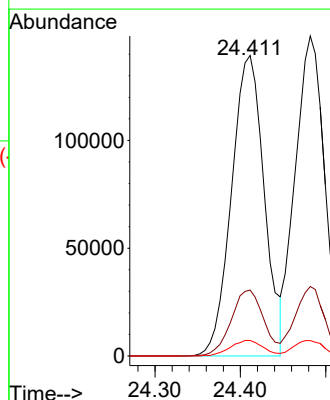
Tgt Ion:252 Resp: 371464

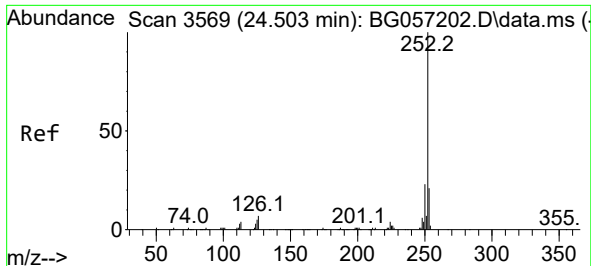
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 5.2 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 41.922 ng

RT: 24.482 min Scan# 3

Delta R.T. -0.007 min

Lab File: BG057418.D

Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

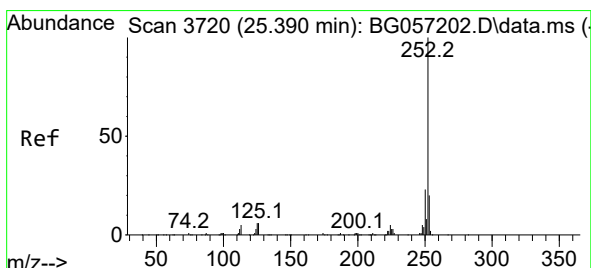
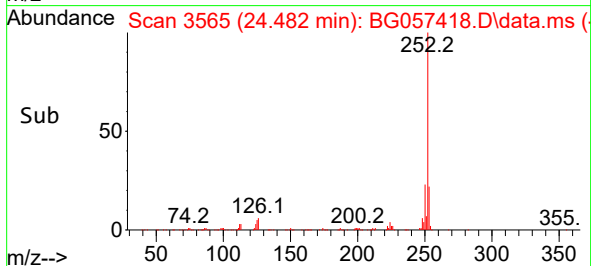
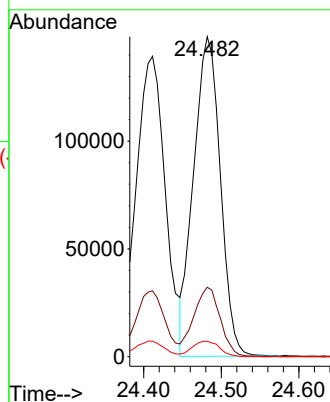
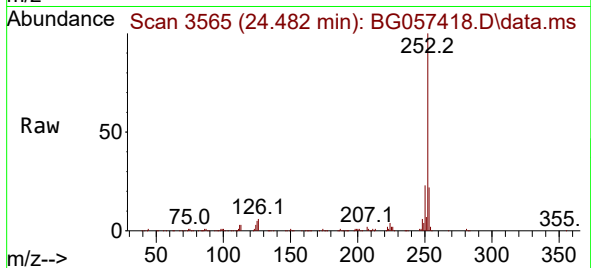
PB152721BS

Tgt Ion:252 Resp: 35451
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.4 26.0
 125 4.8 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023



#90

Benzo(a)pyrene

Concen: 39.787 ng

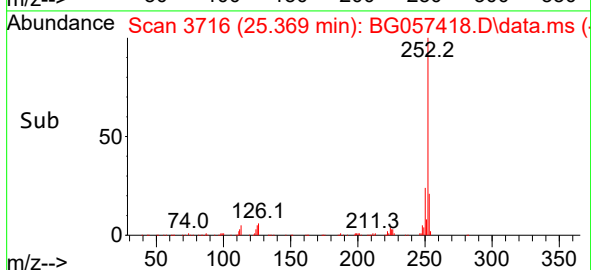
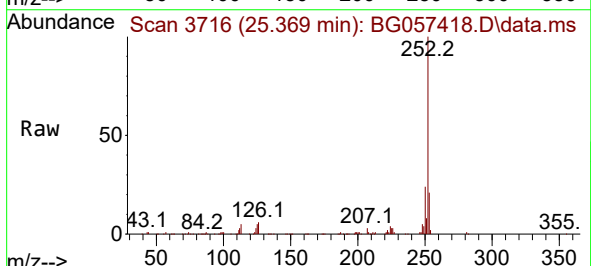
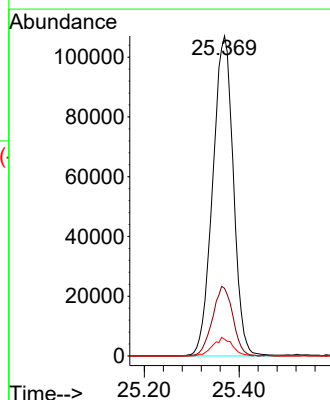
RT: 25.369 min Scan# 3716

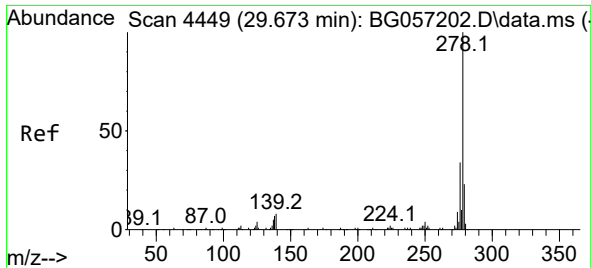
Delta R.T. -0.007 min

Lab File: BG057418.D

Acq: 12 May 2023 21:02

Tgt Ion:252 Resp: 323475
 Ion Ratio Lower Upper
 252 100
 253 21.1 16.3 24.5
 125 5.2 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 43.701 ng
RT: 29.645 min Scan# 4444
Delta R.T. -0.007 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Instrument :

BNA_G

ClientSampleId :

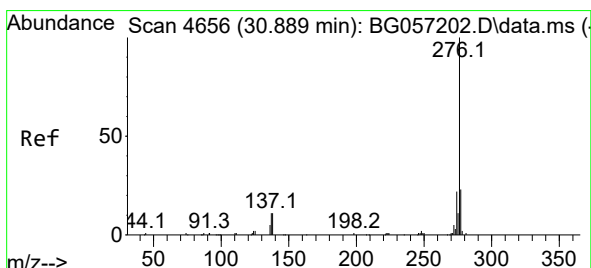
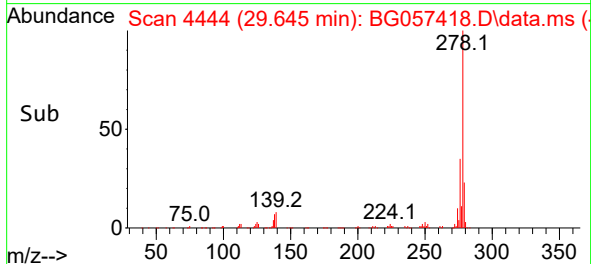
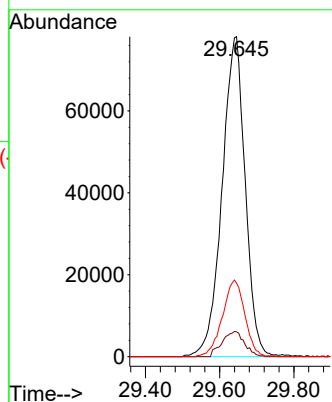
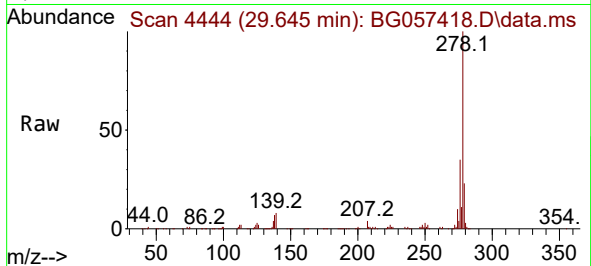
PB152721BS

Tgt Ion:278 Resp: 337674
Ion Ratio Lower Upper
278 100
139 7.8 6.2 9.2
279 23.0 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#92
Benzo(g,h,i)perylene
Concen: 42.989 ng
RT: 30.861 min Scan# 4651
Delta R.T. -0.013 min
Lab File: BG057418.D
Acq: 12 May 2023 21:02

Tgt Ion:276 Resp: 324341
Ion Ratio Lower Upper
276 100
277 23.7 18.4 27.6
138 10.5 9.0 13.4

