

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042723\
 Data File : BG057210.D
 Acq On : 28 Apr 2023 3:01
 Operator : CG/JU
 Sample : PB152410BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152410BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2023
 Supervised By : Jagrut Upadhyay 04/28/2023

Quant Time: Apr 28 04:59:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 04:39:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	16206	20.000	ng	0.00
21) Naphthalene-d8	11.216	136	67011	20.000	ng	0.00
39) Acenaphthene-d10	14.993	164	53057	20.000	ng	0.00
64) Phenanthrene-d10	17.731	188	135679	20.000	ng	0.00
76) Chrysene-d12	22.043	240	121853	20.000	ng	0.00
86) Perylene-d12	25.556	264	127322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.894	112	117101	123.605	ng	0.00
7) Phenol-d6	7.521	99	174738	121.461	ng	0.00
23) Nitrobenzene-d5	9.560	82	105475	66.062	ng	0.00
42) 2,4,6-Tribromophenol	16.474	330	84594	112.369	ng	0.00
45) 2-Fluorobiphenyl	13.619	172	272720	69.227	ng	0.00
79) Terphenyl-d14	20.298	244	498644	66.781	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.691	88	16700	42.633	ng	97
3) Pyridine	4.114	79	46242	36.733	ng	95
4) n-Nitrosodimethylamine	4.020	42	24828	41.969	ng	94
6) Aniline	7.692	93	69300	37.972	ng	98
8) 2-Chlorophenol	7.938	128	48834	48.782	ng	94
9) Benzaldehyde	7.504	77	34659	46.575	ng	95
10) Phenol	7.551	94	70557	50.311	ng	99
11) bis(2-Chloroethyl)ether	7.780	93	45467	42.995	ng	98
12) 1,3-Dichlorobenzene	8.267	146	53013	47.981	ng	98
13) 1,4-Dichlorobenzene	8.414	146	53181	47.919	ng	92
14) 1,2-Dichlorobenzene	8.743	146	49711	46.399	ng	97
15) Benzyl Alcohol	8.614	79	55848	46.599	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.890	45	60072m	45.069	ng	
17) 2-Methylphenol	8.819	107	48215	47.694	ng	98
18) Hexachloroethane	9.477	117	18594	46.426	ng	95
19) n-Nitroso-di-n-propyla...	9.184	70	45177	41.183	ng	96
20) 3+4-Methylphenols	9.143	107	65573	47.371	ng	95
22) Acetophenone	9.207	105	80075	41.750	ng	97
24) Nitrobenzene	9.601	77	66121	41.031	ng	97
25) Isophorone	10.118	82	124759	40.297	ng	99
26) 2-Nitrophenol	10.317	139	28223	45.754	ng	99
27) 2,4-Dimethylphenol	10.359	122	52886	48.964	ng	95
28) bis(2-Chloroethoxy)met...	10.594	93	65721	42.373	ng	99
29) 2,4-Dichlorophenol	10.858	162	55826	48.731	ng	96
30) 1,2,4-Trichlorobenzene	11.075	180	56761	42.958	ng	96
31) Naphthalene	11.269	128	153207	42.766	ng	98
32) Benzoic acid	10.511	122	29062	46.792	ng	90
33) 4-Chloroaniline	11.369	127	48260	29.997	ng	97
34) Hexachlorobutadiene	11.539	225	40217	41.019	ng	97
35) Caprolactam	12.139	113	18275m	46.701	ng	
36) 4-Chloro-3-methylphenol	12.462	107	63795	49.003	ng	99
37) 2-Methylnaphthalene	12.843	142	117310	41.648	ng	96
38) 1-Methylnaphthalene	13.061	142	111019	41.817	ng	97
40) 1,2,4,5-Tetrachloroben...	13.208	216	80950	42.977	ng	99
41) Hexachlorocyclopentadiene	13.178	237	89032	96.895	ng	97
43) 2,4,6-Trichlorophenol	13.437	196	53483	46.607	ng	97

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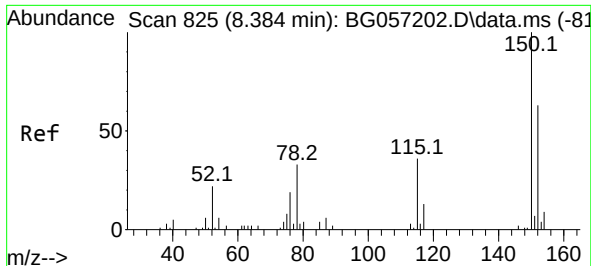
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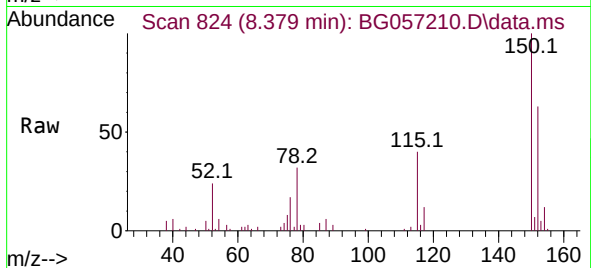
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.513	196	57863	42.867	ng	97
46) 1,1'-Biphenyl	13.830	154	175189	44.498	ng	99
47) 2-Chloronaphthalene	13.883	162	130971	44.735	ng	99
48) 2-Nitroaniline	14.077	65	44712	44.916	ng	94
49) Acenaphthylene	14.723	152	212464	44.670	ng	98
50) Dimethylphthalate	14.430	163	185671	42.585	ng	99
51) 2,6-Dinitrotoluene	14.559	165	40612	45.621	ng	93
52) Acenaphthene	15.058	154	130518	43.914	ng	98
53) 3-Nitroaniline	14.894	138	27190	30.488	ng	90
54) 2,4-Dinitrophenol	15.099	184	49755	89.622	ng	95
55) Dibenzofuran	15.387	168	218243	43.703	ng	100
56) 4-Nitrophenol	15.193	139	59767	100.763	ng	97
57) 2,4-Dinitrotoluene	15.340	165	57466	45.169	ng	98
58) Fluorene	16.033	166	182260	44.309	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.610	232	56797m	46.411	ng	
60) Diethylphthalate	15.775	149	191239	43.191	ng	99
61) 4-Chlorophenyl-phenyle...	16.010	204	107072	43.209	ng	95
62) 4-Nitroaniline	16.051	138	39073	43.430	ng	97
63) Azobenzene	16.303	77	183120	42.864	ng	98
65) 4,6-Dinitro-2-methylph...	16.110	198	37897	46.783	ng	99
66) n-Nitrosodiphenylamine	16.227	169	160185	43.469	ng	99
67) 4-Bromophenyl-phenylether	16.903	248	69831	42.161	ng	94
68) Hexachlorobenzene	17.038	284	75563	46.947	ng	98
69) Atrazine	17.155	200	70990	50.501	ng	98
70) Pentachlorophenol	17.378	266	79442	85.642	ng	99
71) Phenanthrene	17.772	178	308108	44.317	ng	99
72) Anthracene	17.866	178	311053	43.603	ng	98
73) Carbazole	18.130	167	266535	44.380	ng	97
74) Di-n-butylphthalate	18.647	149	302329	43.753	ng	99
75) Fluoranthene	19.763	202	370643	42.864	ng	100
77) Benzidine	19.928	184	205735	75.521	ng	99
78) Pyrene	20.122	202	369641	41.746	ng	98
80) Butylbenzylphthalate	20.974	149	120773	42.987	ng	100
81) Benzo(a)anthracene	22.019	228	371385	42.778	ng	98
82) 3,3'-Dichlorobenzidine	21.914	252	88138	31.696	ng	99
83) Chrysene	22.090	228	341933	41.860	ng	99
84) Bis(2-ethylhexyl)phtha...	21.867	149	177695	42.748	ng	100
85) Di-n-octyl phthalate	23.165	149	302291	43.621	ng	99
87) Indeno(1,2,3-cd)pyrene	29.615	276	413860	44.600	ng	99
88) Benzo(b)fluoranthene	24.428	252	382937	46.010	ng	99
89) Benzo(k)fluoranthene	24.504	252	367500	43.452	ng	99
90) Benzo(a)pyrene	25.385	252	331309	40.745	ng	98
91) Dibenzo(a,h)anthracene	29.668	278	345390	44.694	ng	99
92) Benzo(g,h,i)perylene	30.895	276	332453	44.059	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.379 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

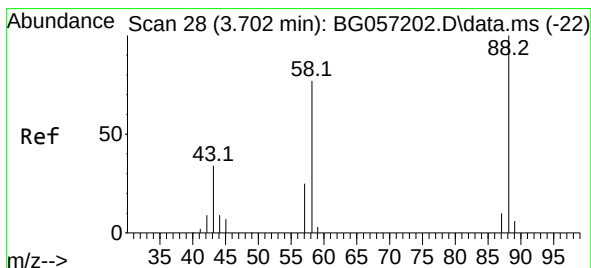
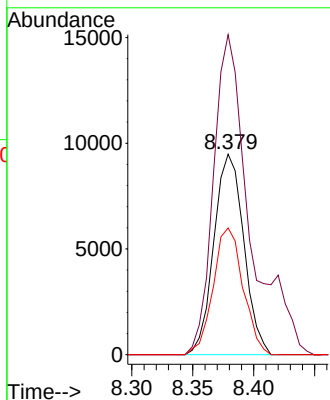
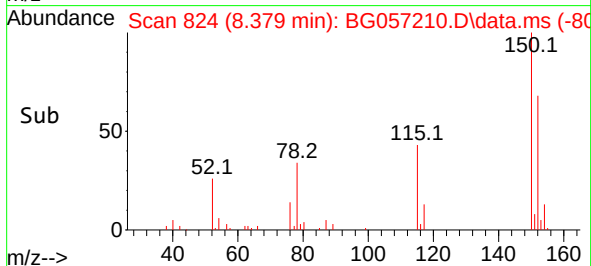
Instrument :
BNA_G
ClientSampleId :
PB152410BS



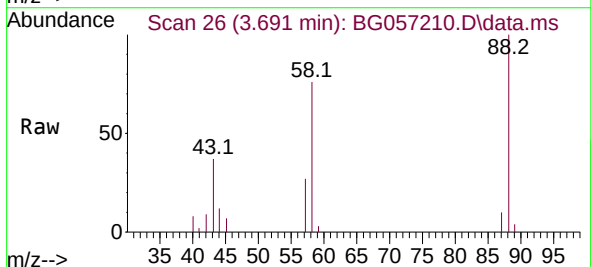
Tgt Ion:152 Resp: 16200
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.4
115 63.2 45.0 67.4

Manual Integrations
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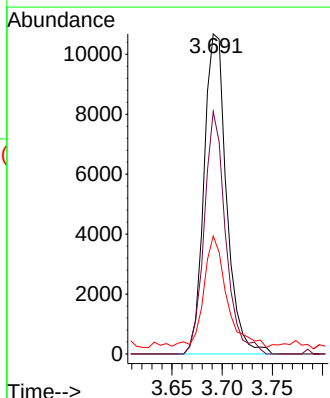
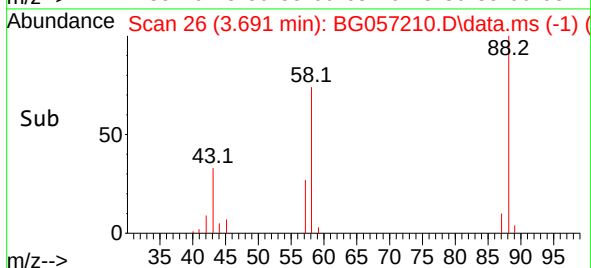
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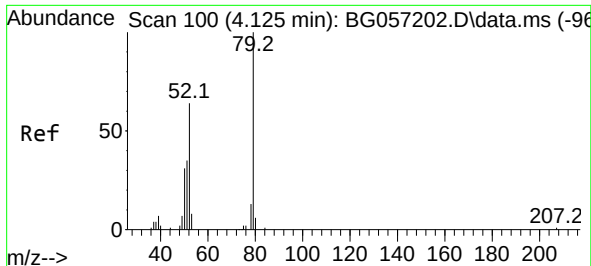


#2
1,4-Dioxane
Concen: 42.633 ng
RT: 3.691 min Scan# 26
Delta R.T. -0.011 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01



Tgt Ion: 88 Resp: 16700
Ion Ratio Lower Upper
88 100
58 72.1 57.1 85.7
43 35.3 24.4 36.6





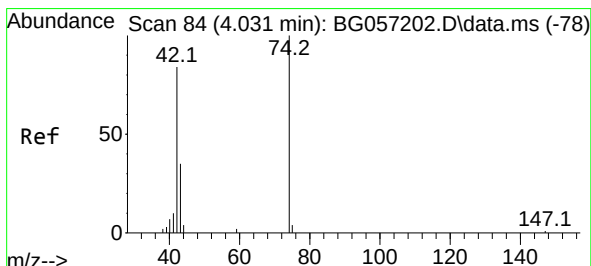
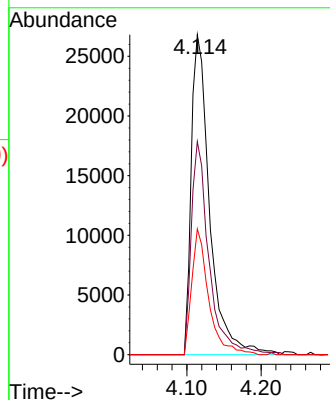
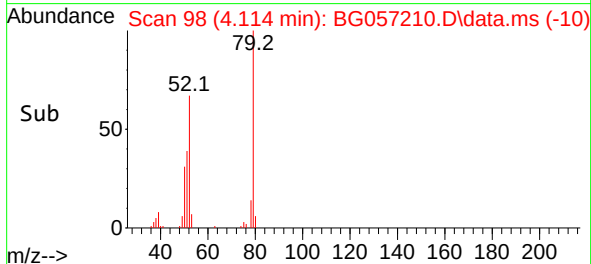
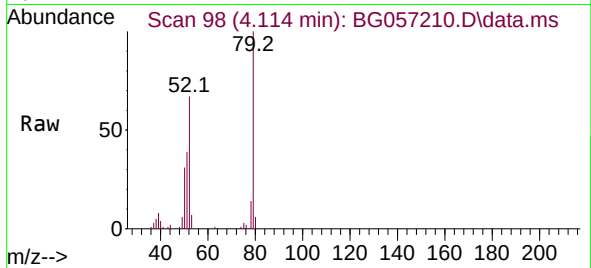
#3
Pyridine
Concen: 36.733 ng
RT: 4.114 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 79 Resp: 4624
Ion Ratio Lower Upper
79 100
52 66.6 51.4 77.0
51 39.3 28.0 42.0

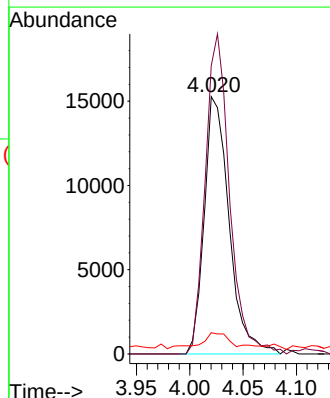
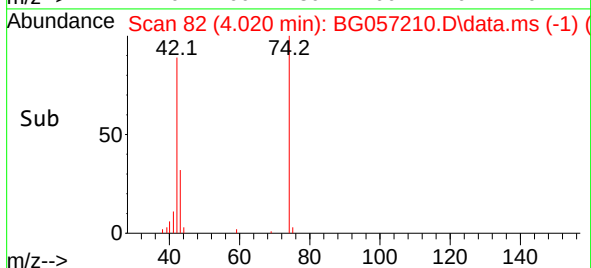
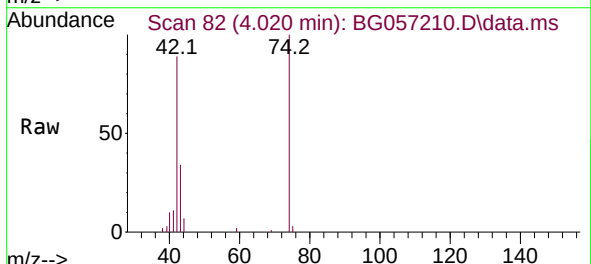
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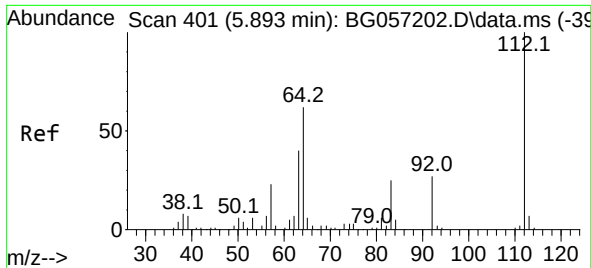
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#4
n-Nitrosodimethylamine
Concen: 41.969 ng
RT: 4.020 min Scan# 82
Delta R.T. -0.011 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Tgt Ion: 42 Resp: 24828
Ion Ratio Lower Upper
42 100
74 112.0 95.1 142.7
44 8.2 5.8 8.8





#5
2-Fluorophenol
Concen: 123.605 ng
RT: 5.894 min Scan# 401
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

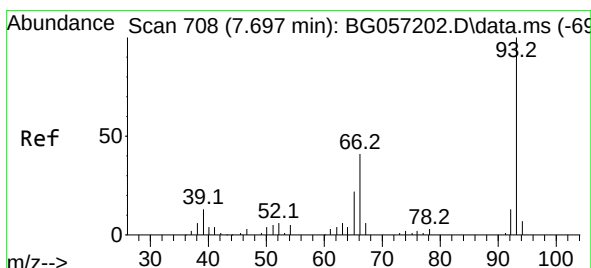
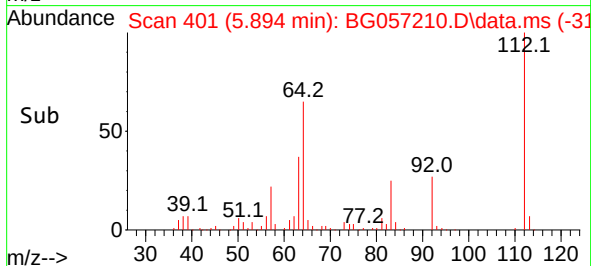
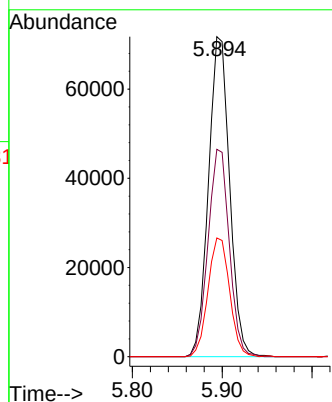
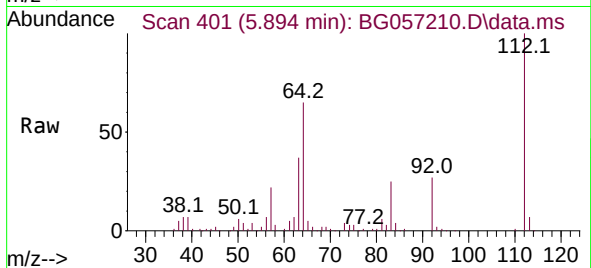
PB152410BS

Tgt Ion:112 Resp: 11710
Ion Ratio Lower Upper
112 100
64 64.8 49.4 74.2
63 37.1 31.6 47.4

Manual Integrations

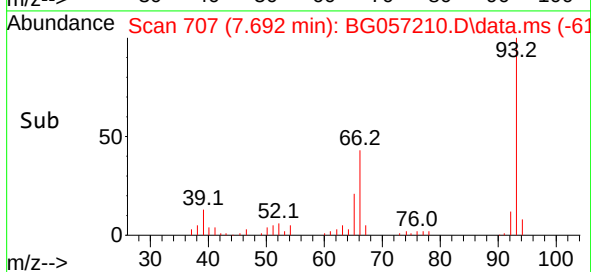
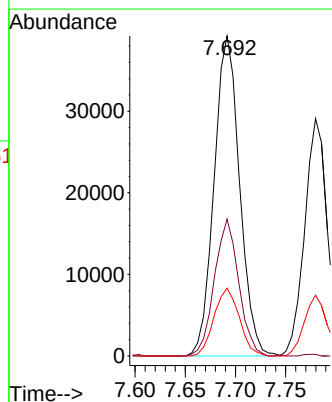
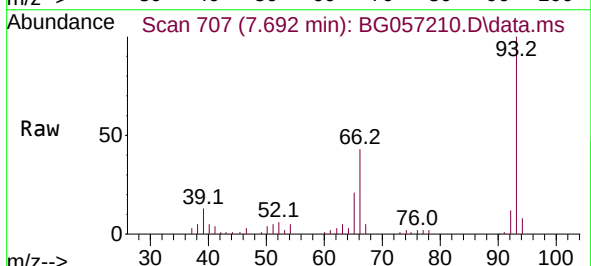
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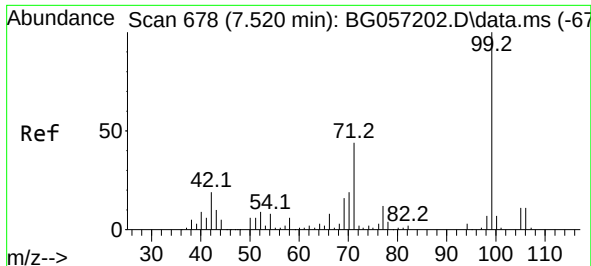
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#6
Aniline
Concen: 37.972 ng
RT: 7.692 min Scan# 707
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

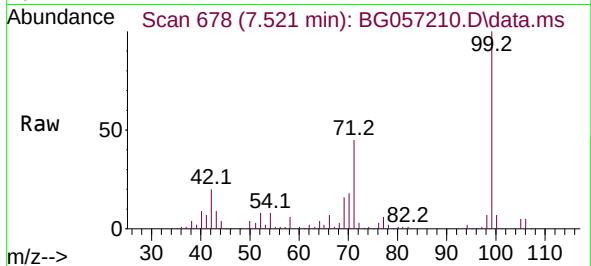
Tgt Ion: 93 Resp: 69300
Ion Ratio Lower Upper
93 100
66 42.8 33.0 49.6
65 21.2 18.0 27.0





#7
Phenol-d6
Concen: 121.461 ng
RT: 7.521 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

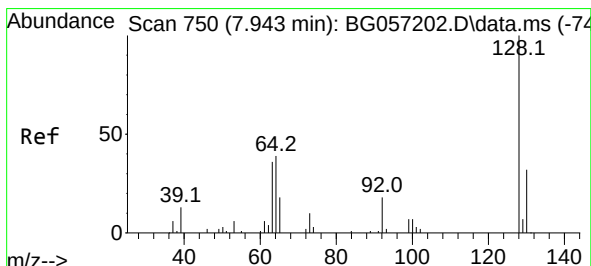
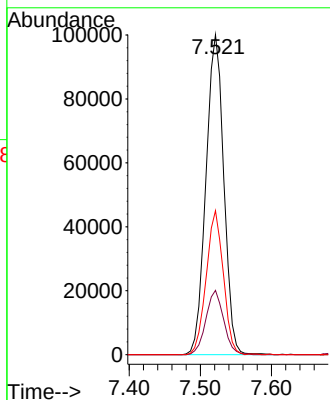
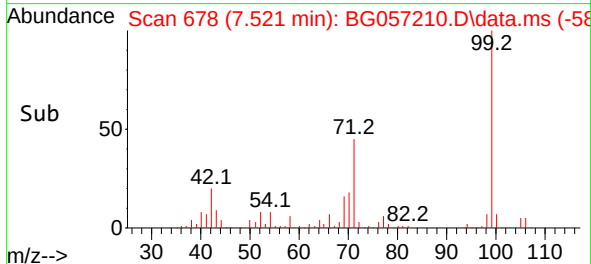
Instrument :
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ClientSampleId :
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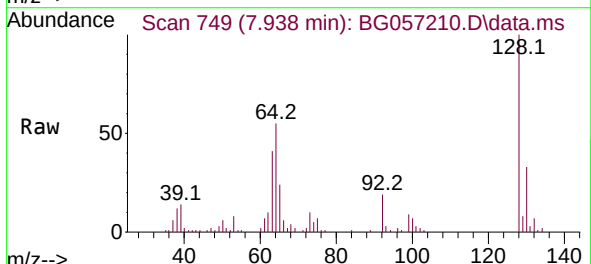
Tgt Ion: 99 Resp: 174738
Ion Ratio Lower Upper
99 100
42 20.1 15.1 22.7
71 45.0 35.2 52.8

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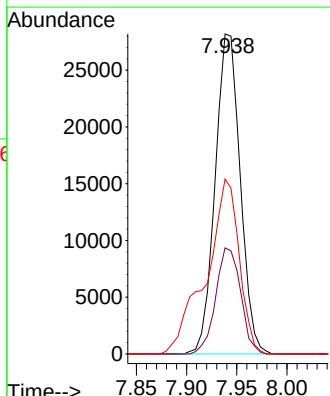
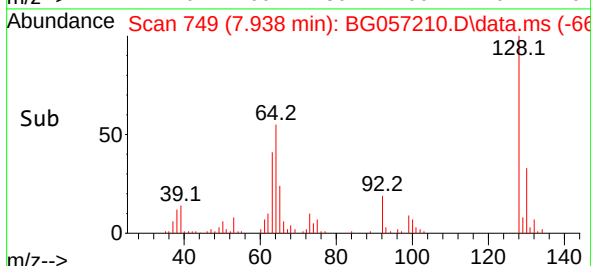
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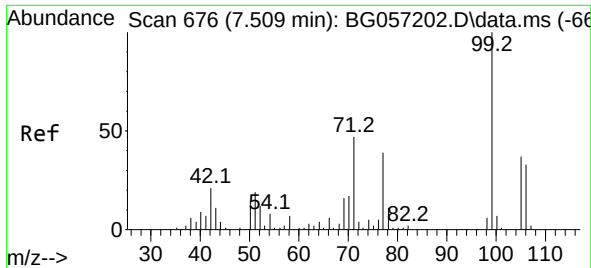


#8
2-Chlorophenol
Concen: 48.782 ng
RT: 7.938 min Scan# 749
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01



Tgt Ion:128 Resp: 48834
Ion Ratio Lower Upper
128 100
130 33.1 12.2 52.2
64 54.6 28.4 68.4





#9
Benzaldehyde
Concen: 46.575 ng
RT: 7.504 min Scan# 676
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

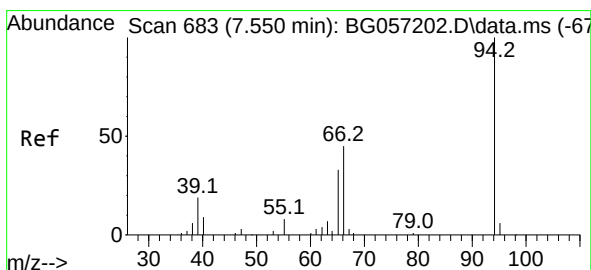
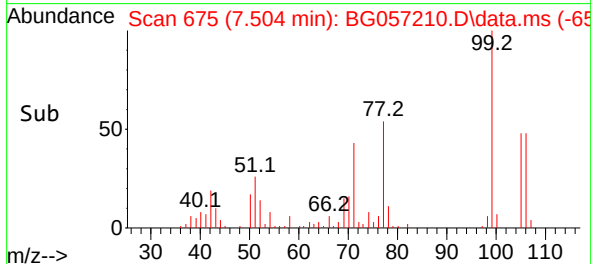
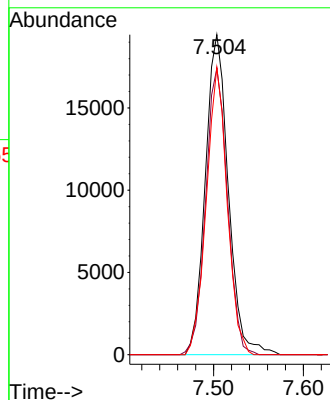
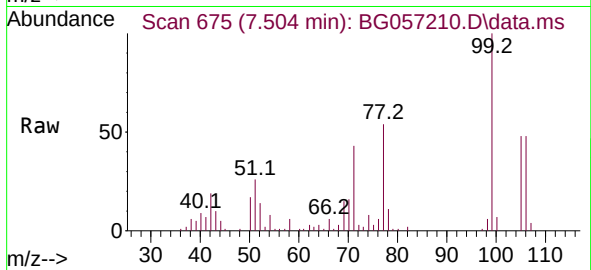
PB152410BS

Tgt Ion: 77 Resp: 3465
Ion Ratio Lower Upper
77 100
105 89.5 74.6 114.6
106 89.7 66.3 106.3

Manual Integrations

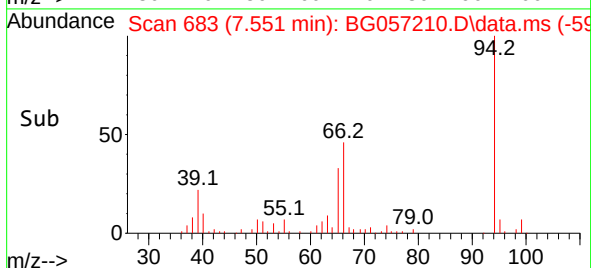
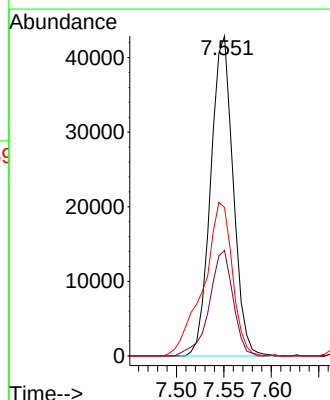
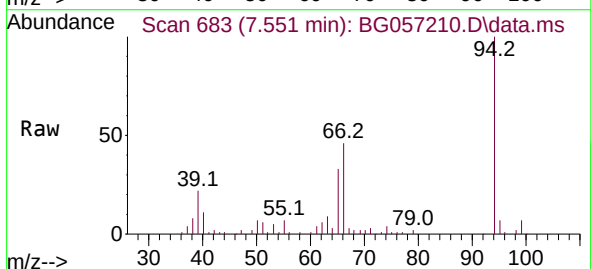
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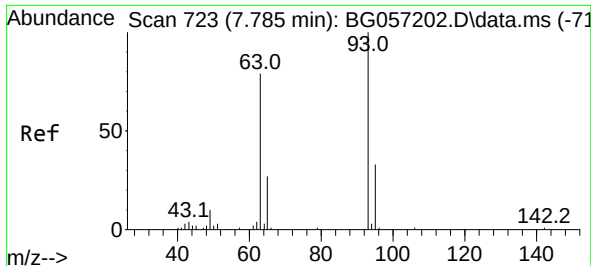
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#10
Phenol
Concen: 50.311 ng
RT: 7.551 min Scan# 683
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

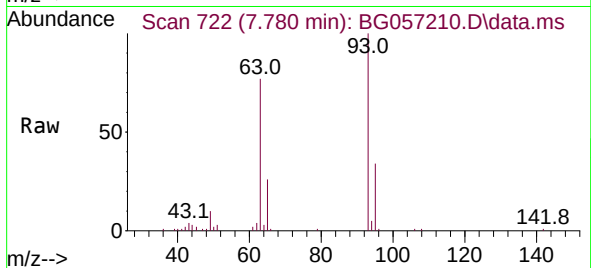
Tgt Ion: 94 Resp: 70557
Ion Ratio Lower Upper
94 100
65 32.9 13.5 53.5
66 46.4 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 42.995 ng
RT: 7.780 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

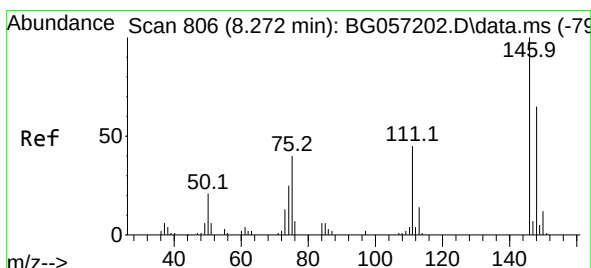
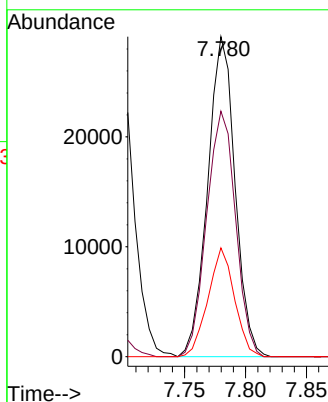
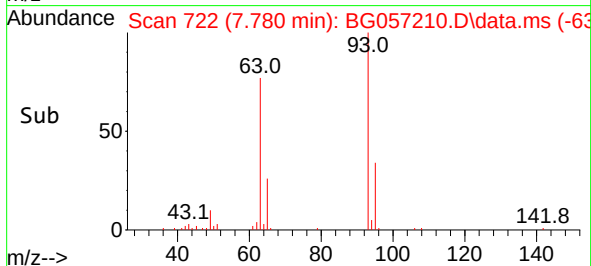
Instrument :
BNA_G
ClientSampleId :
PB152410BS



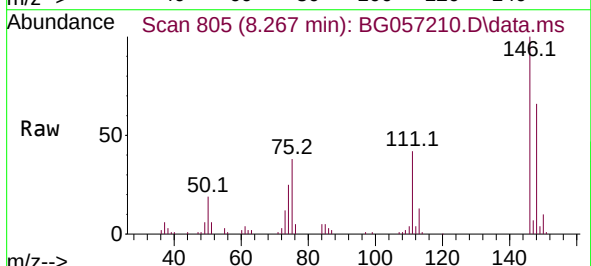
Tgt Ion: 93 Resp: 4546
Ion Ratio Lower Upper
93 100
63 76.7 58.6 98.6
95 34.0 12.2 52.2

Manual Integrations
APPROVED

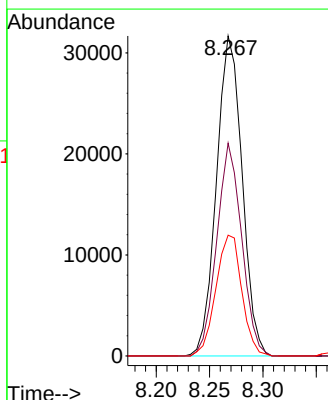
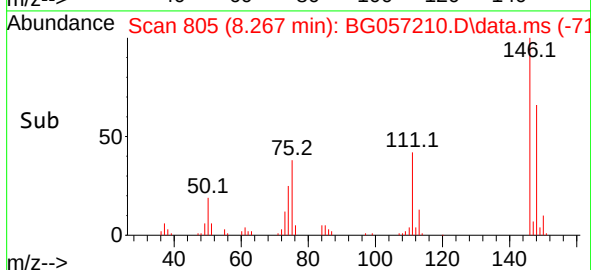
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

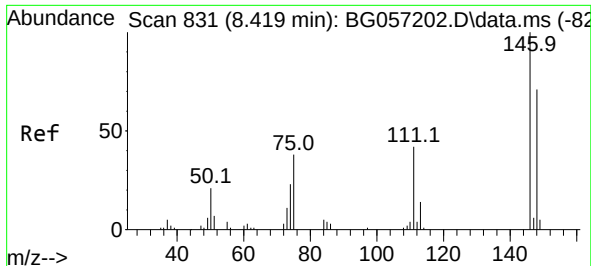


#12
1,3-Dichlorobenzene
Concen: 47.981 ng
RT: 8.267 min Scan# 805
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01



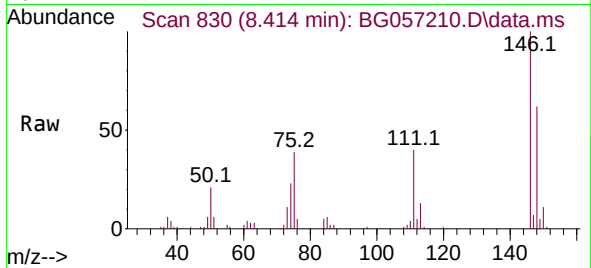
Tgt Ion:146 Resp: 53013
Ion Ratio Lower Upper
146 100
148 66.5 52.2 78.2
75 37.7 31.7 47.5





#13
1,4-Dichlorobenzene
Concen: 47.919 ng
RT: 8.414 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

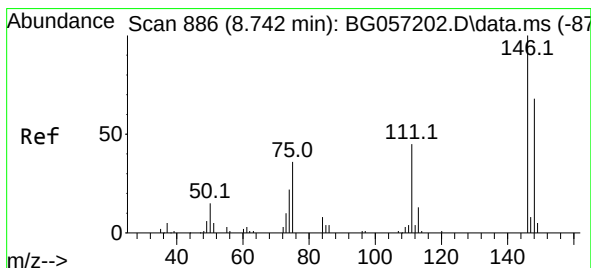
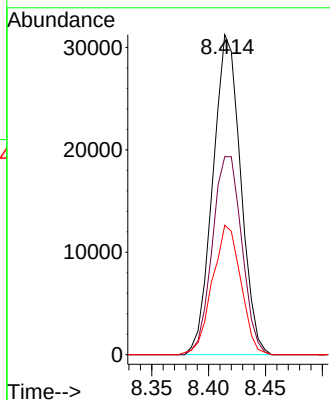
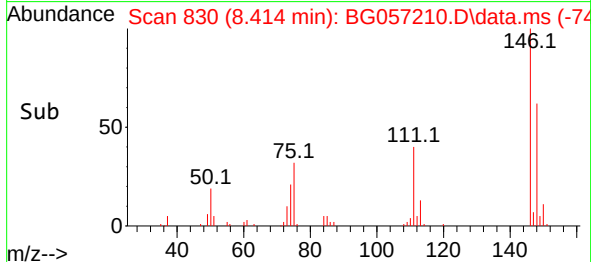
Instrument :
BNA_G
ClientSampleId :
PB152410BS



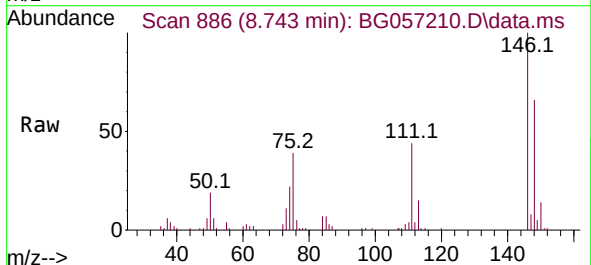
Tgt Ion:146 Resp: 5318
Ion Ratio Lower Upper
146 100
148 61.9 56.4 84.6
111 40.5 33.8 50.6

Manual Integrations
APPROVED

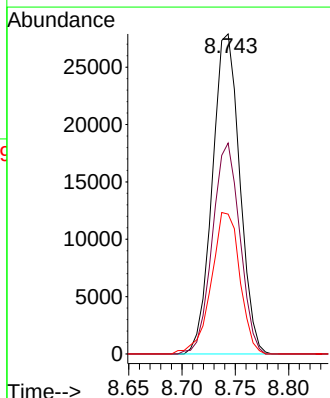
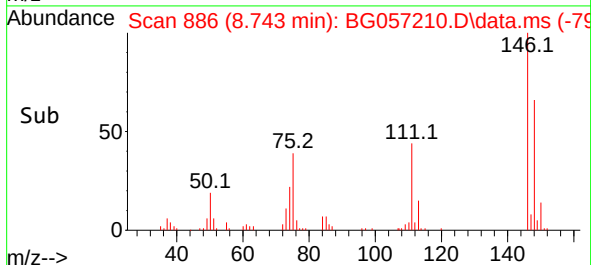
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

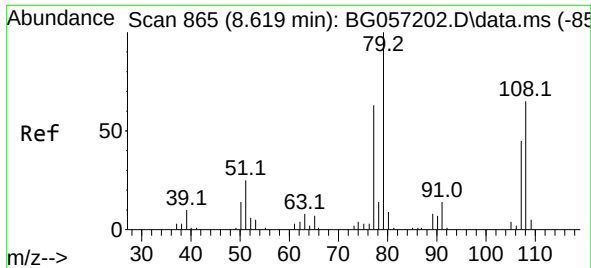


#14
1,2-Dichlorobenzene
Concen: 46.399 ng
RT: 8.743 min Scan# 886
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01



Tgt Ion:146 Resp: 49711
Ion Ratio Lower Upper
146 100
148 65.9 54.6 82.0
111 43.7 37.2 55.8





#15
Benzyl Alcohol
Concen: 46.599 ng
RT: 8.614 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

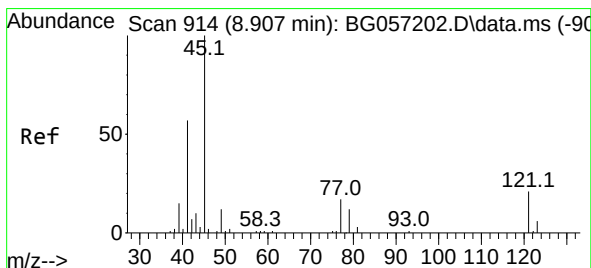
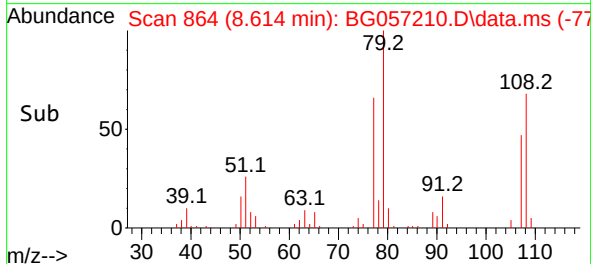
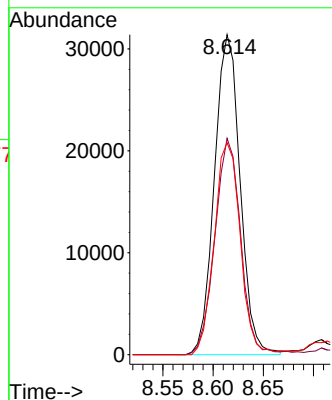
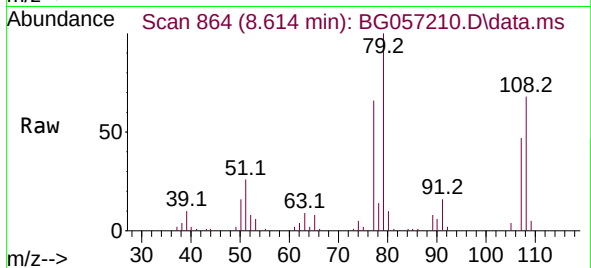
ClientSampleId :

PB152410BS

Tgt Ion: 79 Resp: 5584
Ion Ratio Lower Upper
79 100
108 67.6 52.2 78.2
77 66.2 50.1 75.1

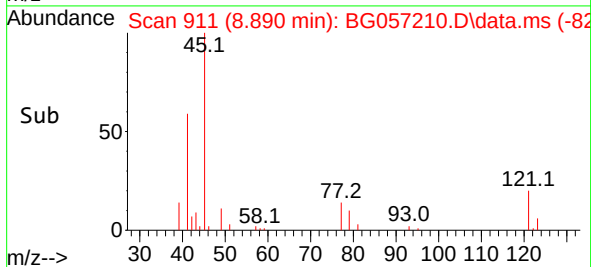
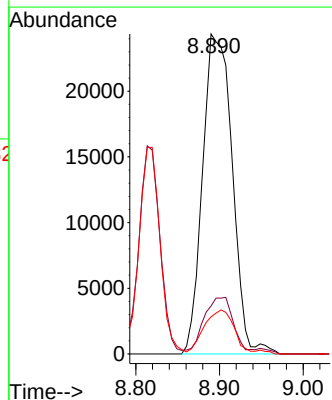
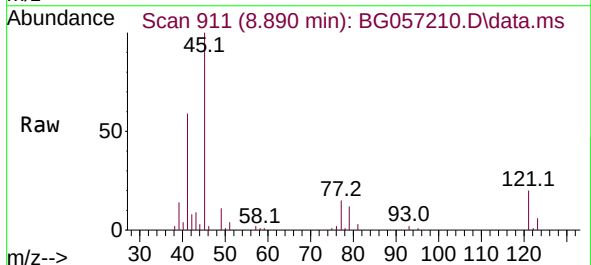
Manual Integrations
APPROVED

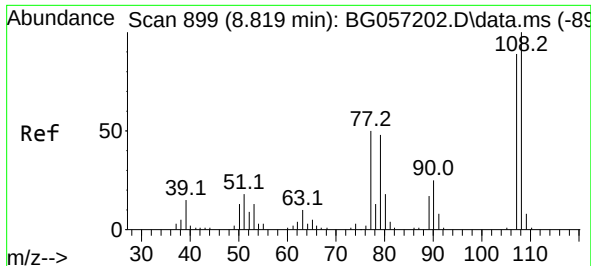
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.069 ng m
RT: 8.890 min Scan# 911
Delta R.T. -0.017 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Tgt Ion: 45 Resp: 60072
Ion Ratio Lower Upper
45 100
77 15.0 0.0 38.5
79 11.6 0.0 33.8





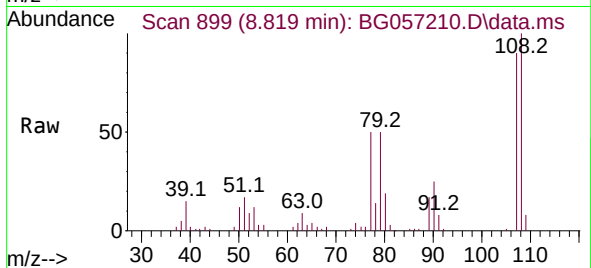
#17
2-Methylphenol
Concen: 47.694 ng
RT: 8.819 min Scan# 899
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

PB152410BS

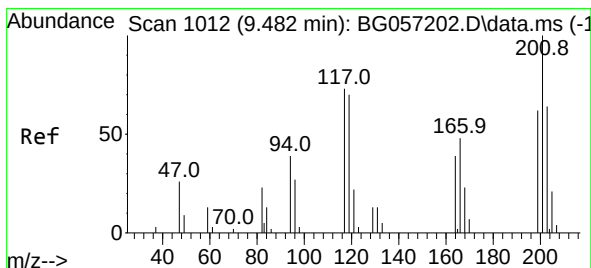
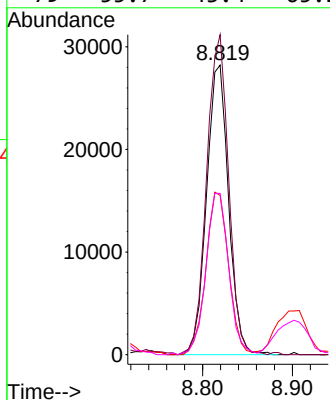
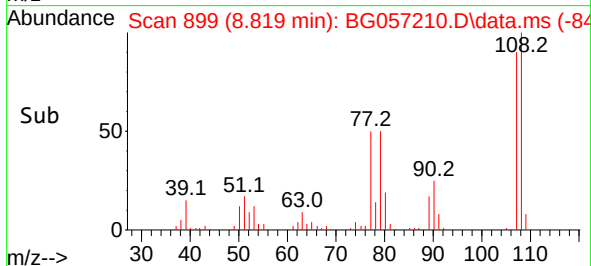


Tgt Ion:107 Resp: 48215
Ion Ratio Lower Upper
107 100
108 110.5 89.5 134.3
77 55.0 45.1 67.7
79 55.7 43.4 65.2

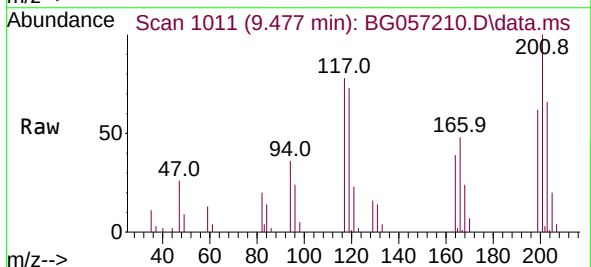
Manual Integrations

APPROVED

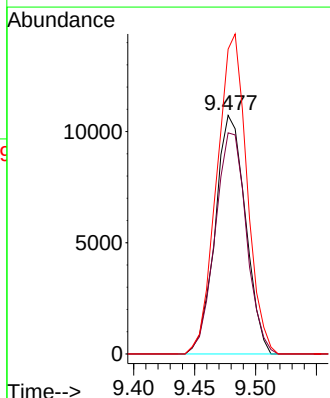
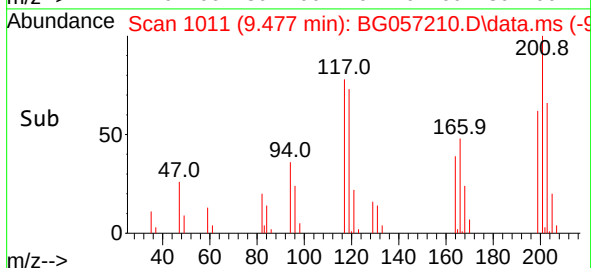
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

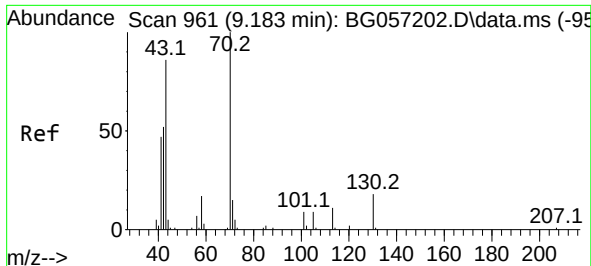


#18
Hexachloroethane
Concen: 46.426 ng
RT: 9.477 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01



Tgt Ion:117 Resp: 18594
Ion Ratio Lower Upper
117 100
119 92.7 76.7 115.1
201 127.8 109.0 163.4





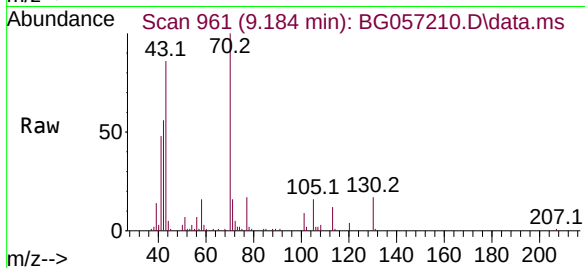
#19
n-Nitroso-di-n-propylamine
Concen: 41.183 ng
RT: 9.184 min Scan# 90
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

PB152410BS

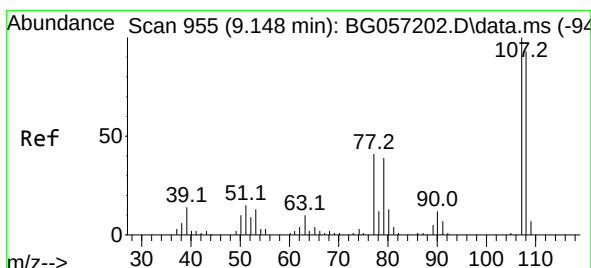
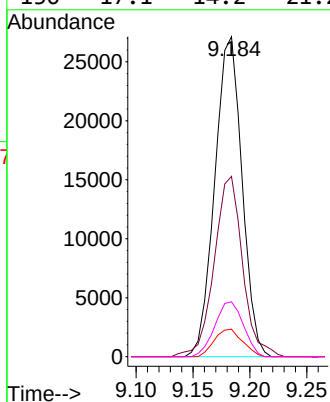
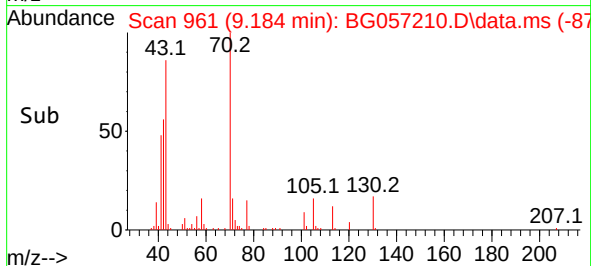


Tgt Ion: 70 Resp: 4517
Ion Ratio Lower Upper
70 100
42 56.3 41.8 62.8
101 8.6 6.8 10.2
130 17.1 14.2 21.2

Manual Integrations

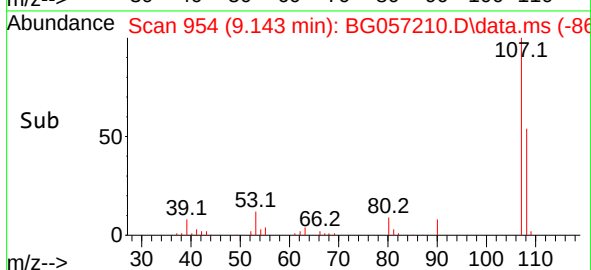
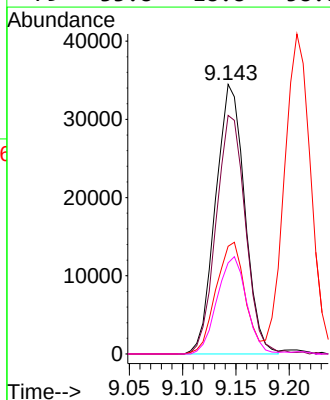
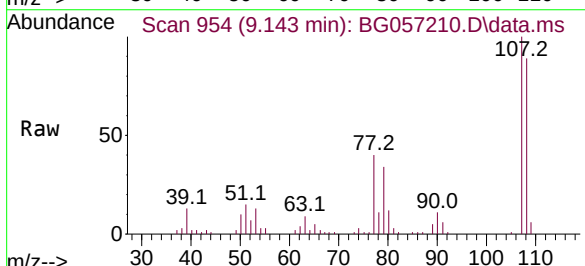
APPROVED

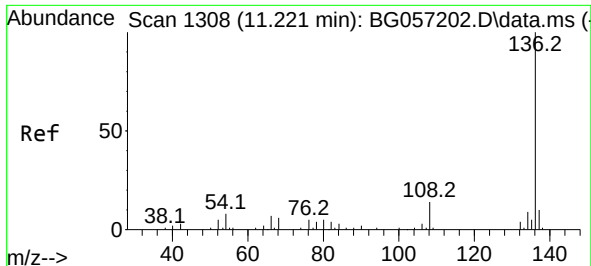
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#20
3+4-Methylphenols
Concen: 47.371 ng
RT: 9.143 min Scan# 954
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Tgt Ion:107 Resp: 65573
Ion Ratio Lower Upper
107 100
108 88.5 73.5 113.5
77 40.0 21.1 61.1
79 33.8 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.216 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

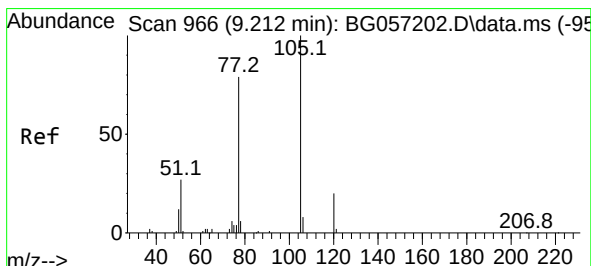
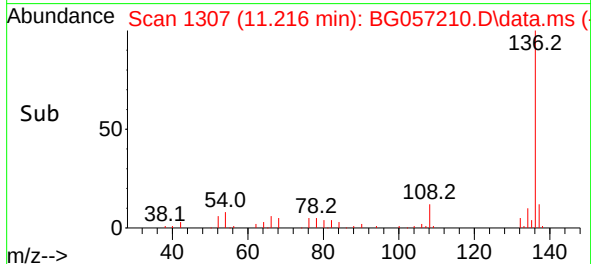
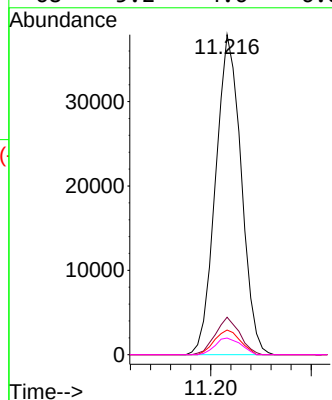
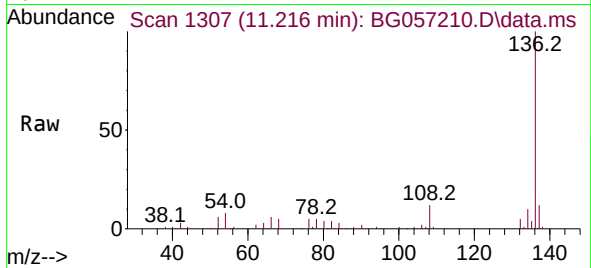
PB152410BS

Tgt Ion:136 Resp: 6701
Ion Ratio Lower Upper
136 100
137 11.7 8.3 12.5
54 7.7 6.7 10.1
68 5.2 4.6 6.8

Manual Integrations

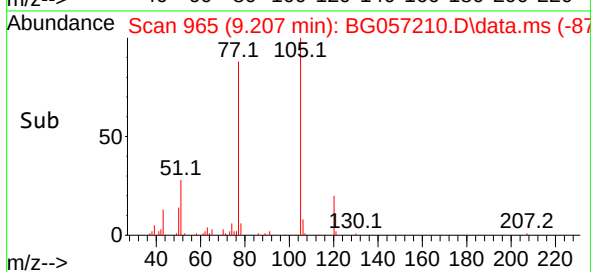
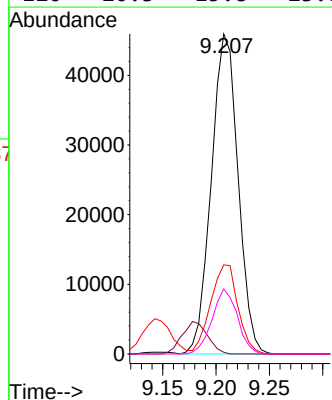
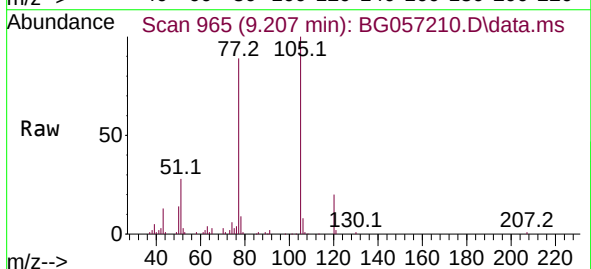
APPROVED

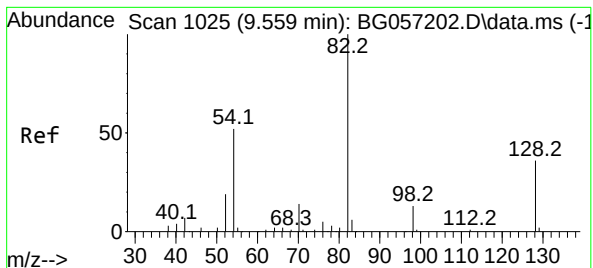
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#22
Acetophenone
Concen: 41.750 ng
RT: 9.207 min Scan# 965
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Tgt Ion:105 Resp: 80075
Ion Ratio Lower Upper
105 100
71 0.5 0.4 0.6
51 27.8 24.0 36.0
120 20.3 15.8 23.8





#23

Nitrobenzene-d5

Concen: 66.062 ng

RT: 9.560 min Scan# 1025

Delta R.T. 0.001 min

Lab File: BG057210.D

Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

PB152410BS

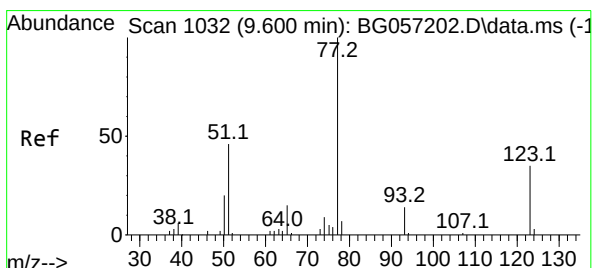
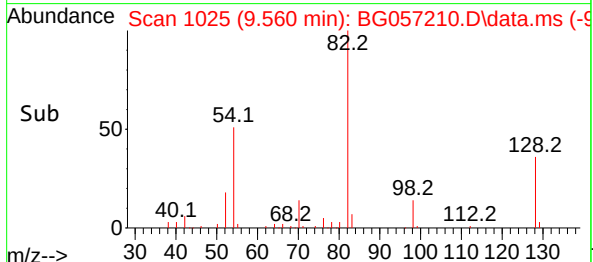
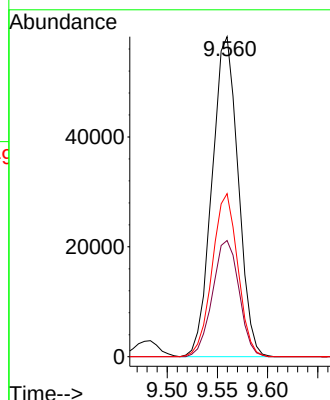
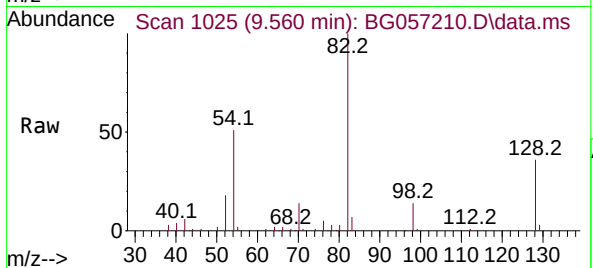
Tgt Ion: 82 Resp: 105475

Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.0	43.4
54	51.0	41.4	62.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#24

Nitrobenzene

Concen: 41.031 ng

RT: 9.601 min Scan# 1032

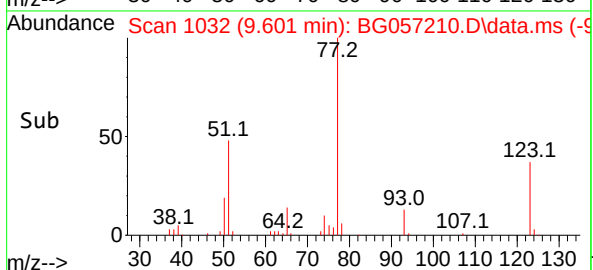
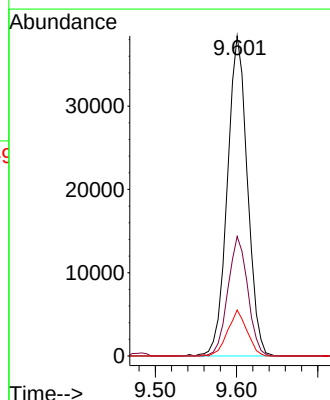
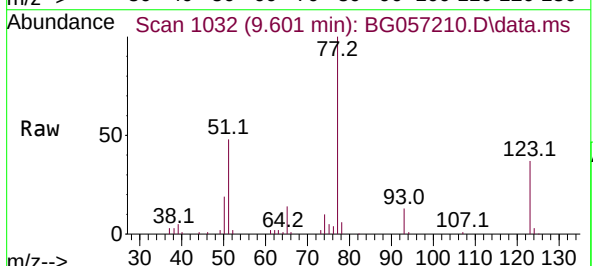
Delta R.T. 0.001 min

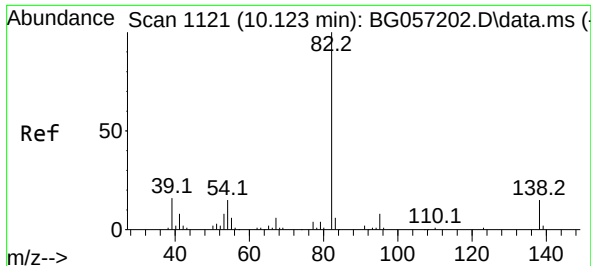
Lab File: BG057210.D

Acq: 28 Apr 2023 3:01

Tgt Ion: 77 Resp: 66121

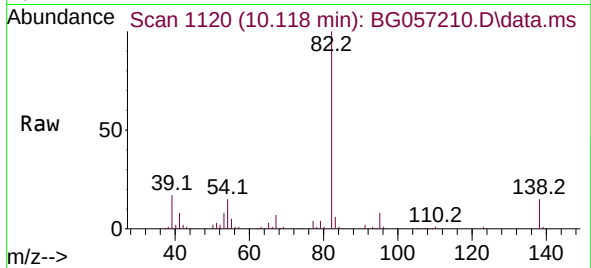
Ion	Ratio	Lower	Upper
77	100		
123	37.3	28.2	42.2
65	14.4	11.7	17.5





#25
Isophorone
Concen: 40.297 ng
RT: 10.118 min Scan# 1120
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

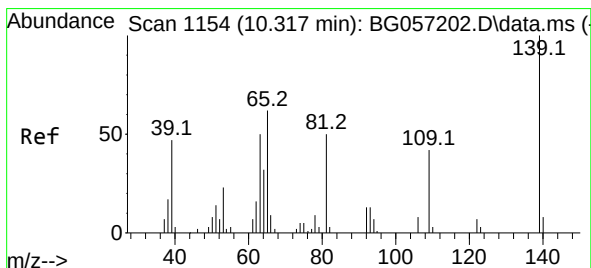
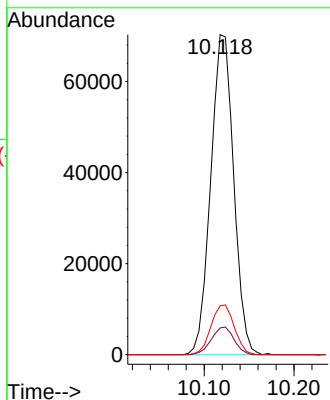
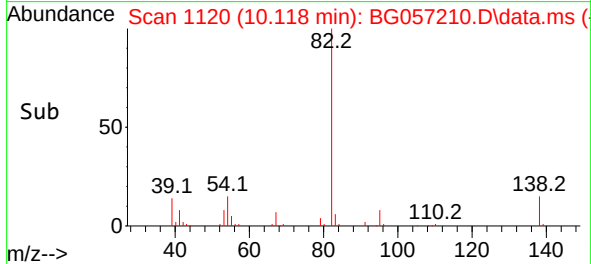
Instrument :
BNA_G
ClientSampleId :
PB152410BS



Tgt Ion: 82 Resp: 124759
Ion Ratio Lower Upper
82 100
95 8.3 6.4 9.6
138 15.3 12.3 18.5

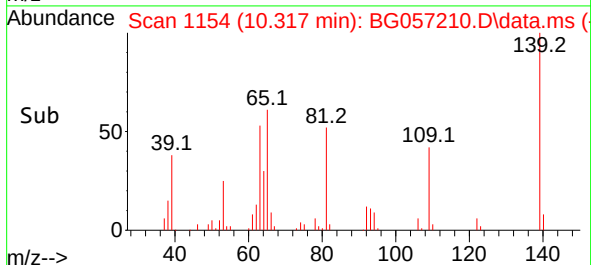
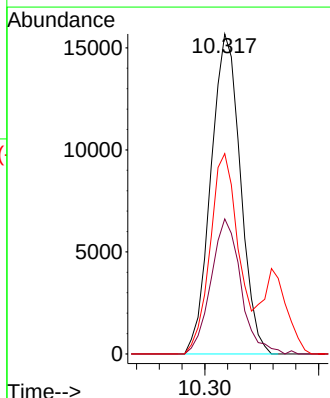
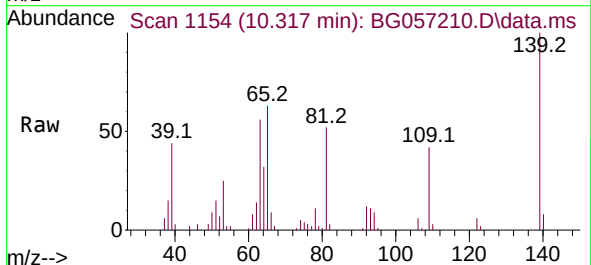
Manual Integrations
APPROVED

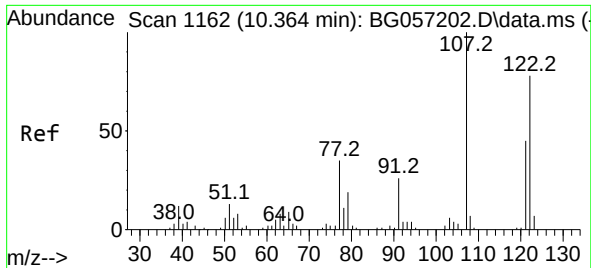
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#26
2-Nitrophenol
Concen: 45.754 ng
RT: 10.317 min Scan# 1154
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Tgt Ion:139 Resp: 28223
Ion Ratio Lower Upper
139 100
109 42.2 33.4 50.2
65 62.6 49.8 74.6





#27
2,4-Dimethylphenol
Concen: 48.964 ng
RT: 10.359 min Scan# 1161
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

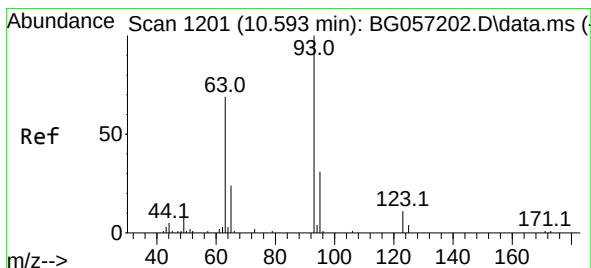
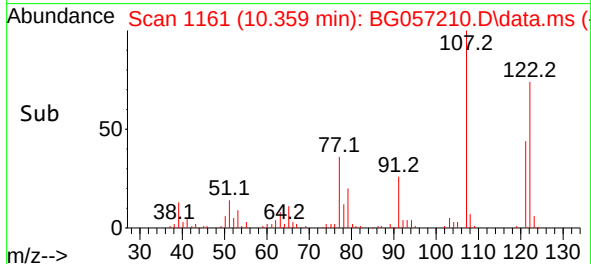
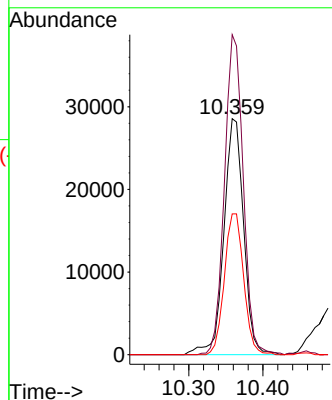
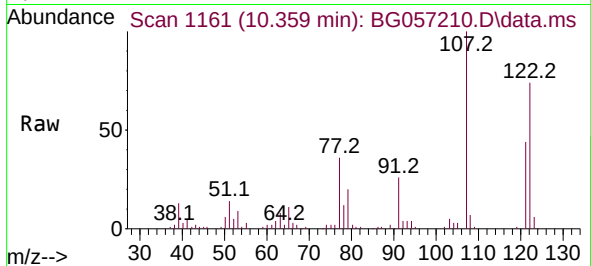
PB152410BS

Tgt Ion:122 Resp: 52880
Ion Ratio Lower Upper
122 100
107 135.6 103.0 154.4
121 59.7 45.9 68.9

Manual Integrations

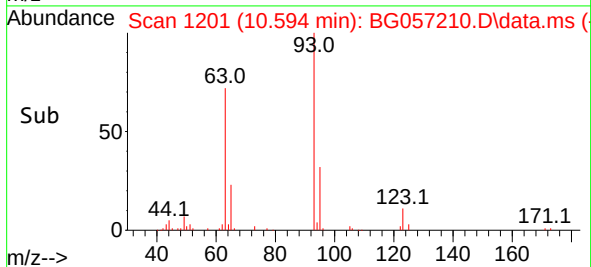
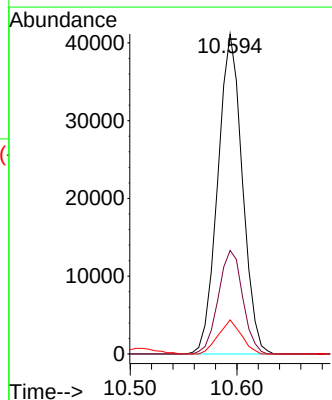
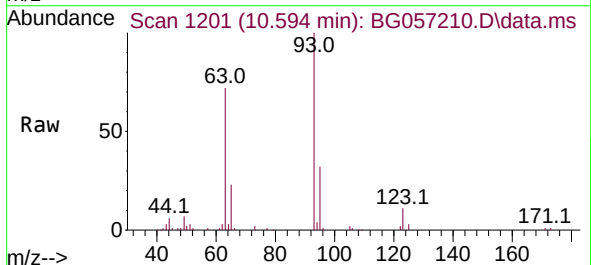
APPROVED

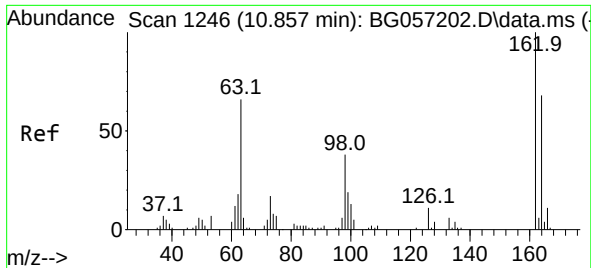
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.373 ng
RT: 10.594 min Scan# 1201
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Tgt Ion: 93 Resp: 65721
Ion Ratio Lower Upper
93 100
95 32.4 25.0 37.6
123 10.7 8.5 12.7





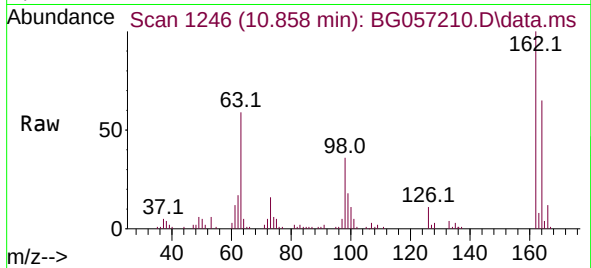
#29
2,4-Dichlorophenol
Concen: 48.731 ng
RT: 10.858 min Scan# 1246
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

PB152410BS

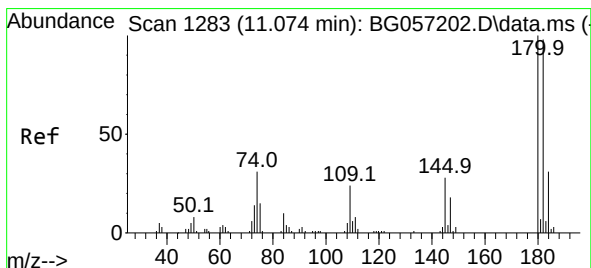
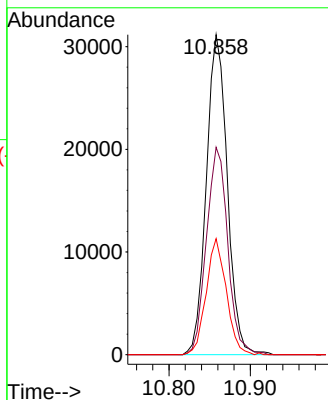
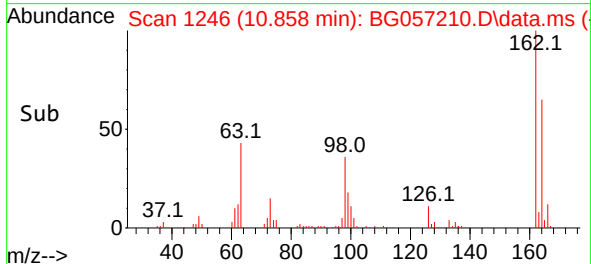


Tgt Ion:162 Resp: 55820
Ion Ratio Lower Upper
162 100
164 64.8 48.4 88.4
98 36.3 17.6 57.6

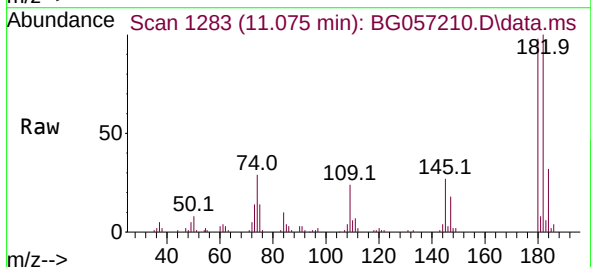
Manual Integrations

APPROVED

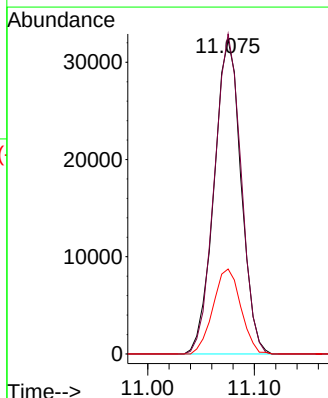
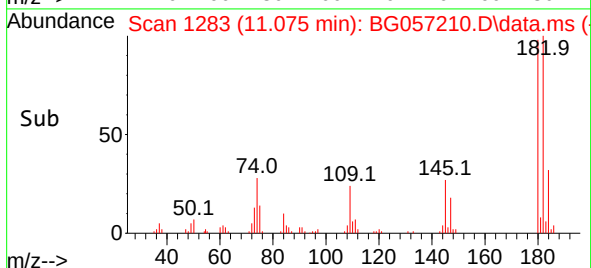
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

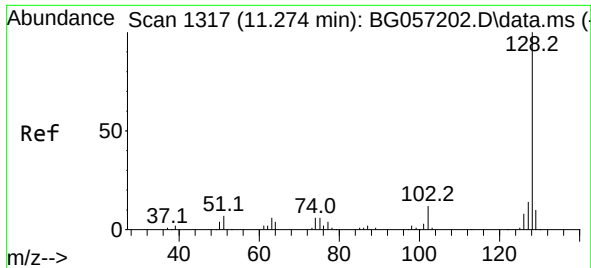


#30
1,2,4-Trichlorobenzene
Concen: 42.958 ng
RT: 11.075 min Scan# 1283
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01



Tgt Ion:180 Resp: 56761
Ion Ratio Lower Upper
180 100
182 102.0 78.0 117.0
145 27.1 22.4 33.6





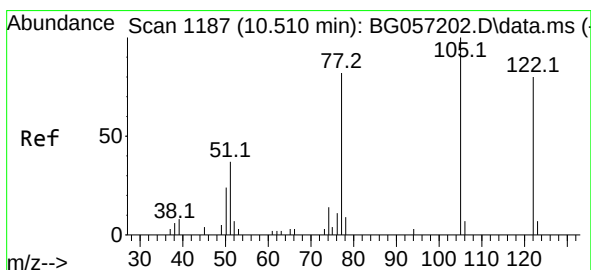
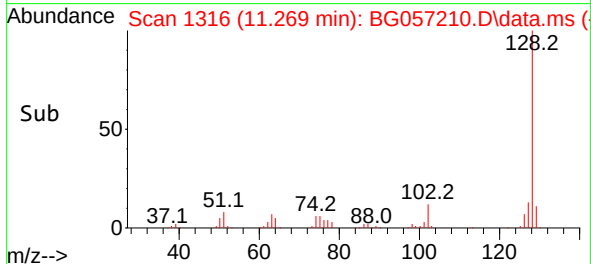
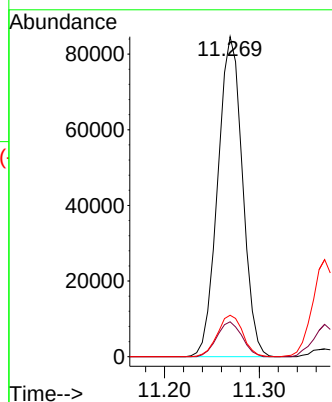
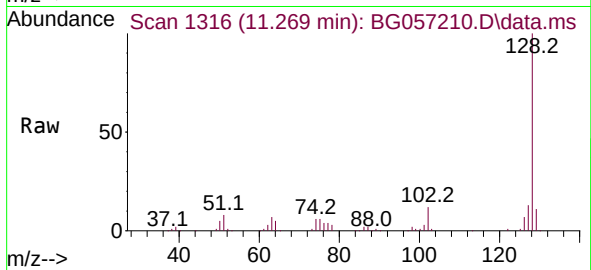
#31
Naphthalene
Concen: 42.766 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :
BNA_G
ClientSampleId :
PB152410BS

Tgt Ion:128 Resp: 15320
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 13.0 11.1 16.7

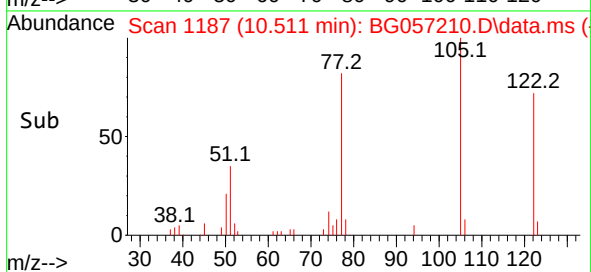
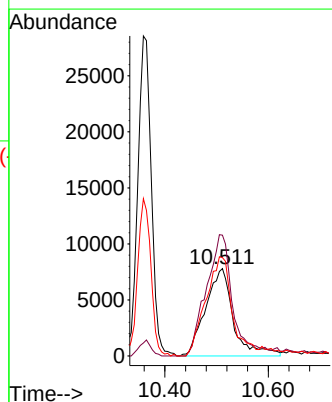
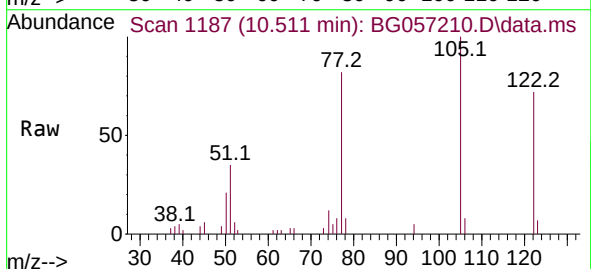
Manual Integrations
APPROVED

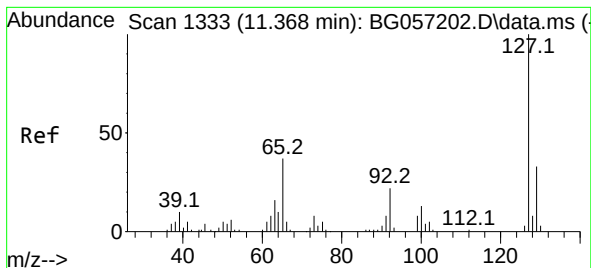
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#32
Benzoic acid
Concen: 46.792 ng
RT: 10.511 min Scan# 1187
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Tgt Ion:122 Resp: 29062
Ion Ratio Lower Upper
122 100
105 138.2 105.2 145.2
77 112.6 83.1 123.1





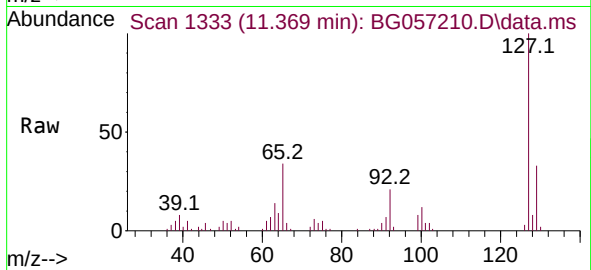
#33
4-Chloroaniline
Concen: 29.997 ng
RT: 11.369 min Scan# 1133
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

PB152410BS

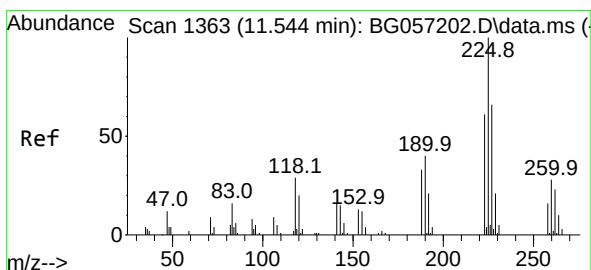
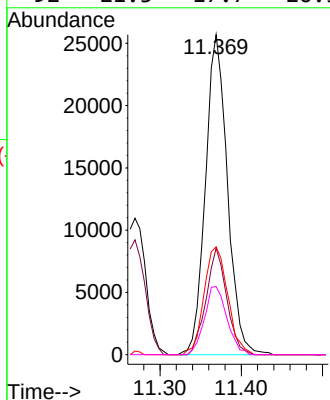
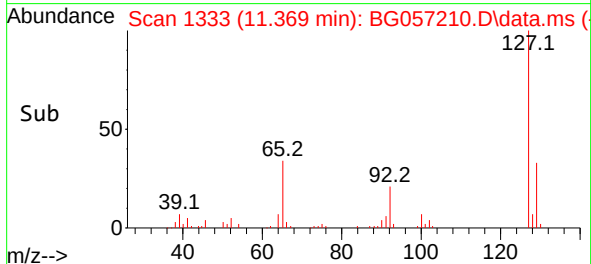


Tgt Ion:127 Resp: 48260
Ion Ratio Lower Upper
127 100
129 33.3 26.7 40.1
65 33.7 29.7 44.5
92 21.3 17.7 26.5

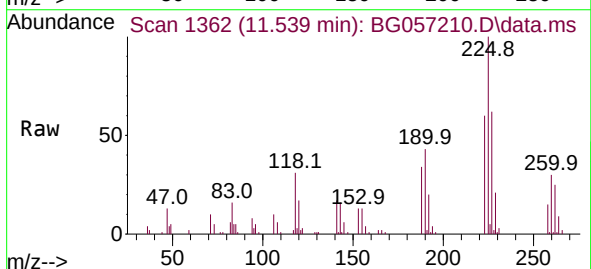
Manual Integrations

APPROVED

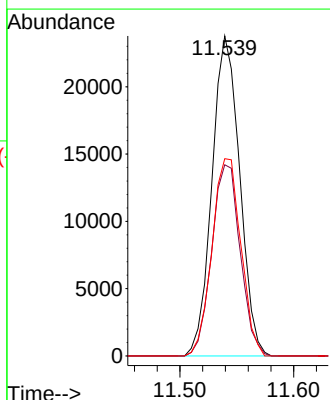
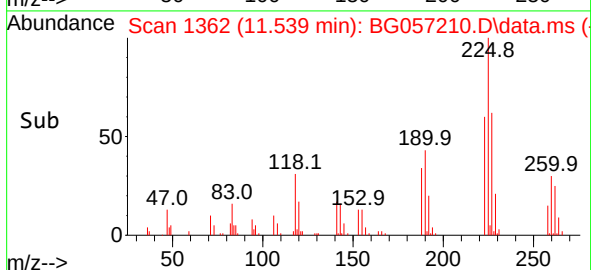
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

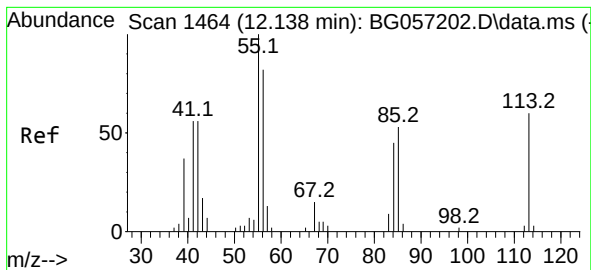


#34
Hexachlorobutadiene
Concen: 41.019 ng
RT: 11.539 min Scan# 1362
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01



Tgt Ion:225 Resp: 40217
Ion Ratio Lower Upper
225 100
223 59.7 48.6 72.8
227 61.7 52.7 79.1





#35
 Caprolactam
 Concen: 46.701 ng m
 RT: 12.139 min Scan# 1464
 Delta R.T. 0.001 min
 Lab File: BG057210.D
 Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

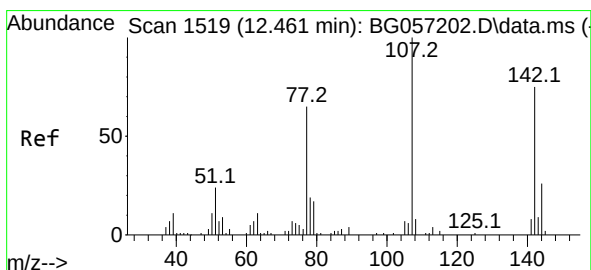
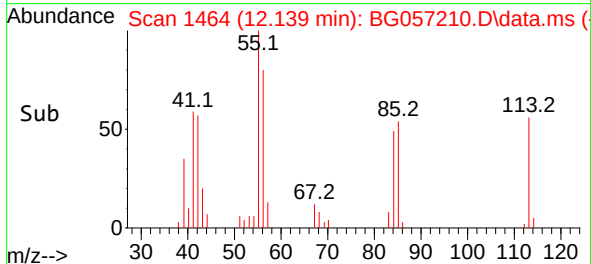
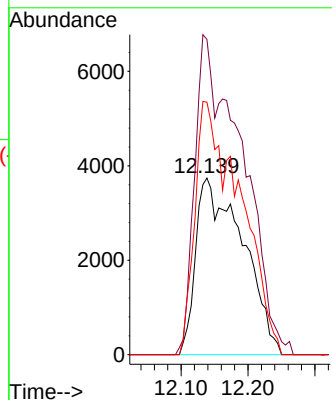
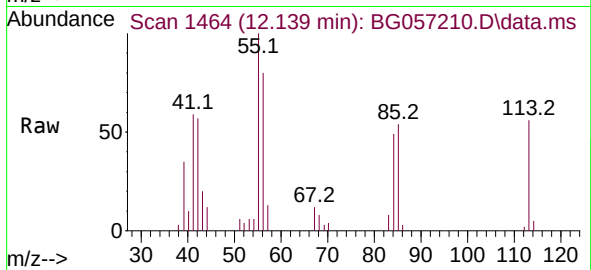
PB152410BS

Tgt Ion:113 Resp: 18275
 Ion Ratio Lower Upper
 113 100
 55 178.5 145.5 185.5
 56 142.9 115.9 155.9

Manual Integrations

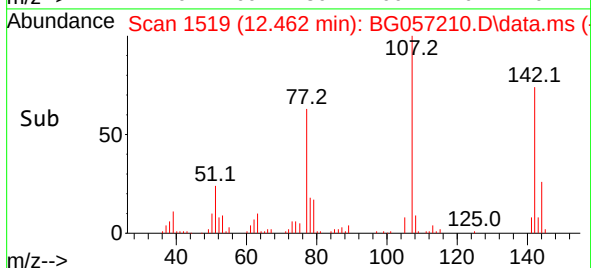
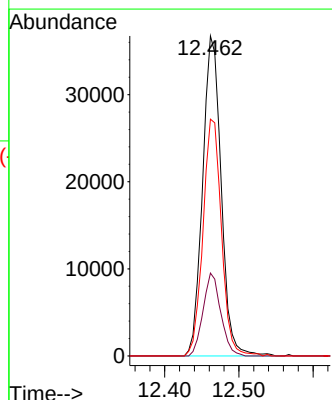
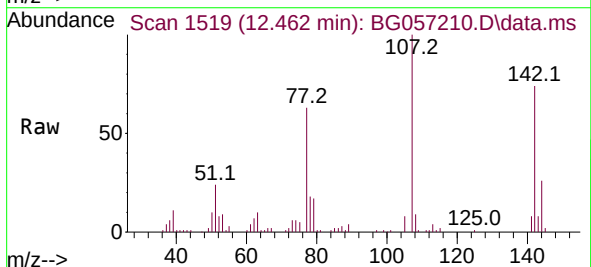
APPROVED

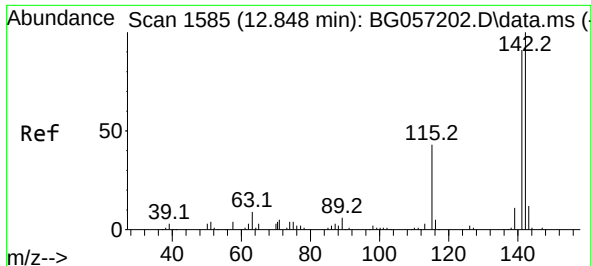
Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023



#36
 4-Chloro-3-methylphenol
 Concen: 49.003 ng
 RT: 12.462 min Scan# 1519
 Delta R.T. 0.001 min
 Lab File: BG057210.D
 Acq: 28 Apr 2023 3:01

Tgt Ion:107 Resp: 63795
 Ion Ratio Lower Upper
 107 100
 144 25.9 21.0 31.6
 142 74.0 60.0 90.0





#37
2-Methylnaphthalene
Concen: 41.648 ng
RT: 12.843 min Scan# 117310
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

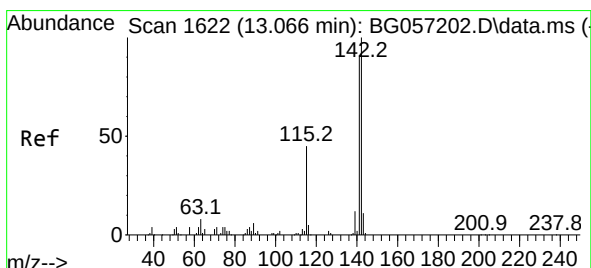
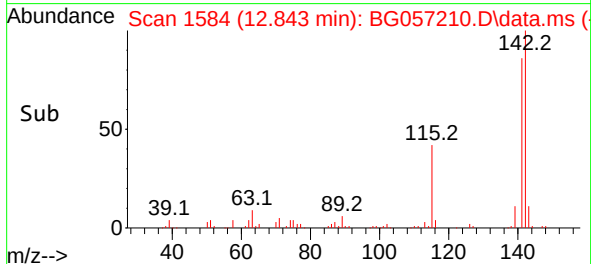
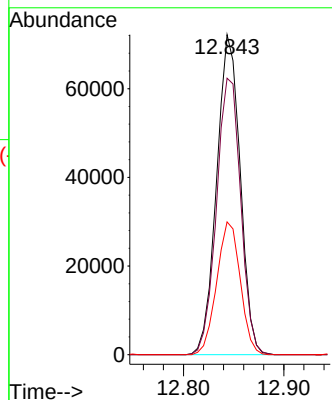
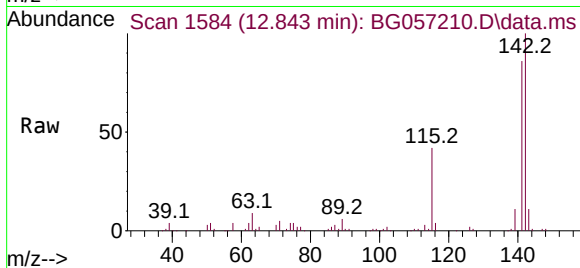
PB152410BS

Tgt Ion:142 Resp: 117310
Ion Ratio Lower Upper
142 100
141 86.4 73.1 109.7
115 41.5 34.6 52.0

Manual Integrations

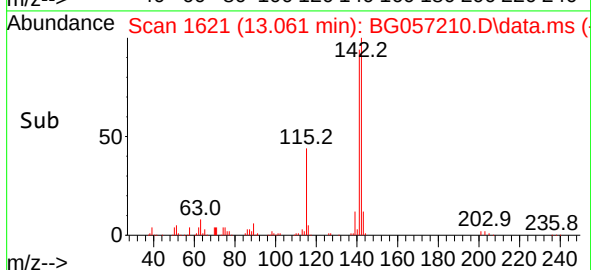
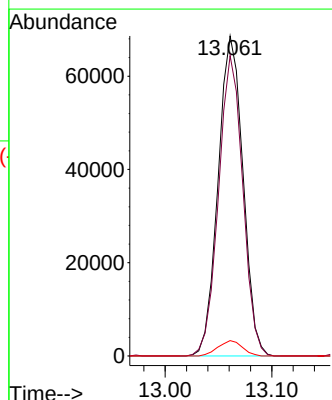
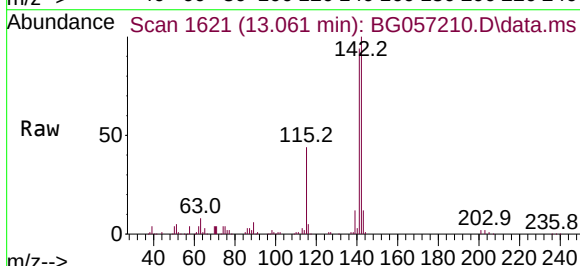
APPROVED

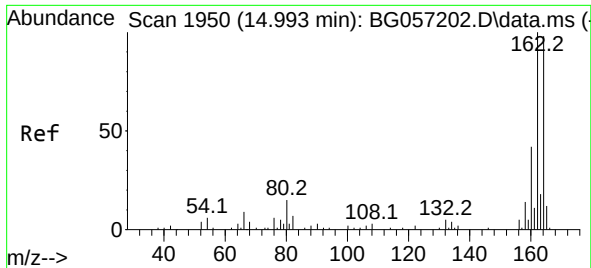
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#38
1-Methylnaphthalene
Concen: 41.817 ng
RT: 13.061 min Scan# 1621
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Tgt Ion:142 Resp: 111019
Ion Ratio Lower Upper
142 100
141 93.9 72.5 108.7
116 4.8 3.7 5.5





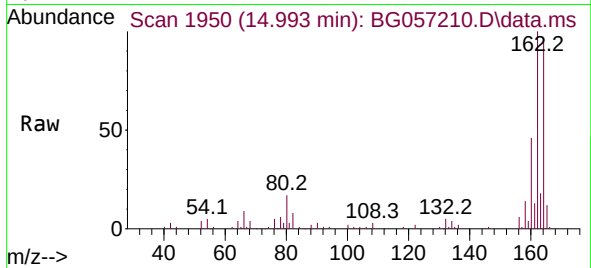
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.993 min Scan# 1950
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

PB152410BS

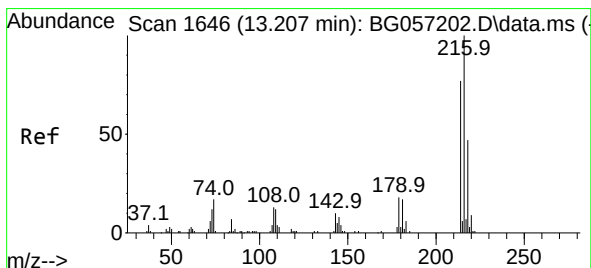
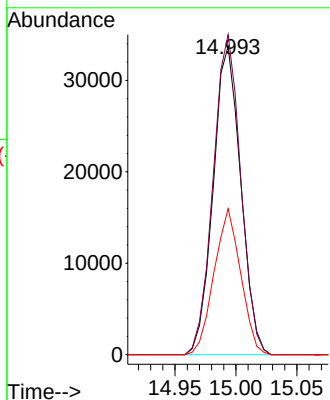
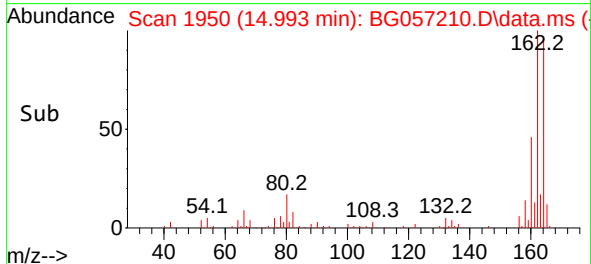


Tgt Ion:164 Resp: 5305
Ion Ratio Lower Upper
164 100
162 103.8 81.8 122.6
160 47.4 34.6 52.0

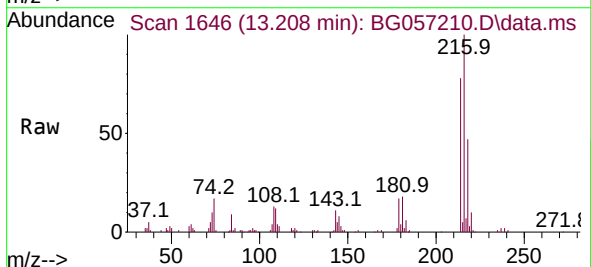
Manual Integrations

APPROVED

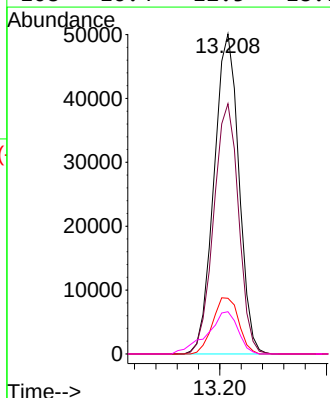
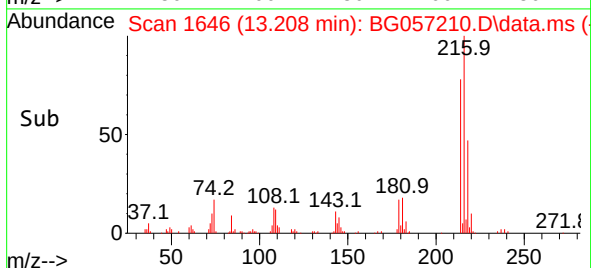
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

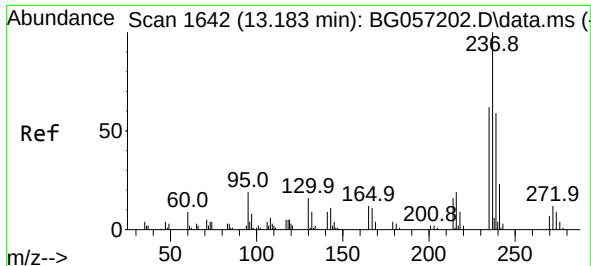


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.977 ng
RT: 13.208 min Scan# 1646
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01



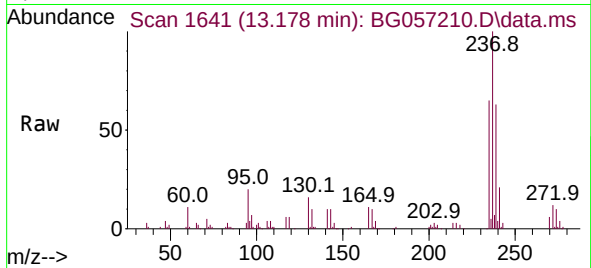
Tgt Ion:216 Resp: 80950
Ion Ratio Lower Upper
216 100
214 78.3 63.7 95.5
179 18.4 14.6 22.0
108 16.4 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 96.895 ng
RT: 13.178 min Scan# 10
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

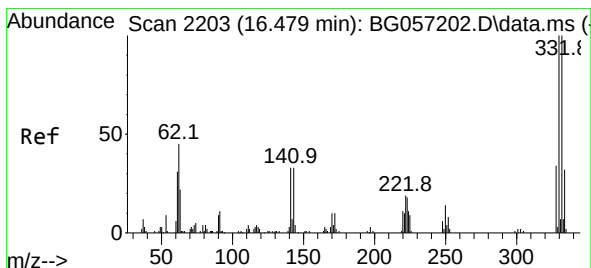
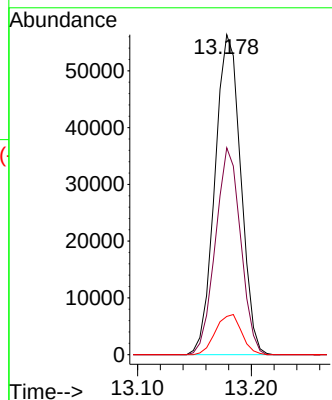
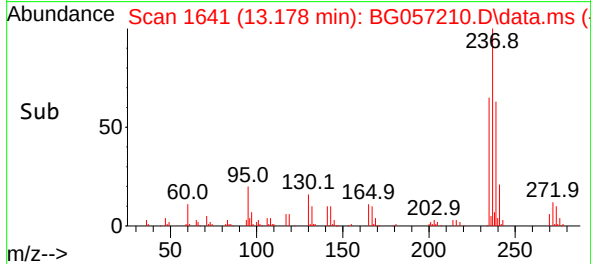
Instrument :
BNA_G
ClientSampleId :
PB152410BS



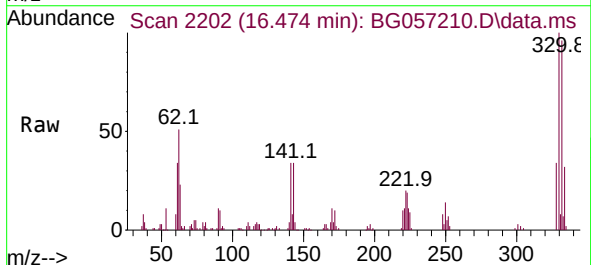
Tgt Ion:237 Resp: 8903
Ion Ratio Lower Upper
237 100
235 64.7 42.0 82.0
272 11.9 0.0 31.5

Manual Integrations
APPROVED

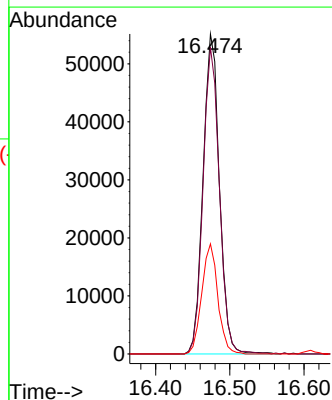
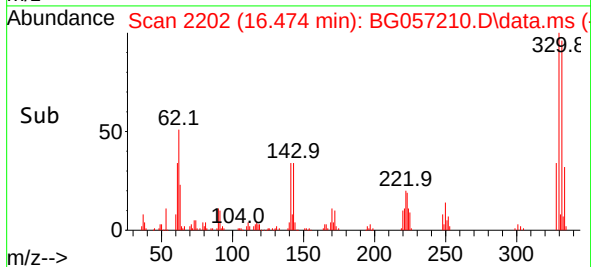
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

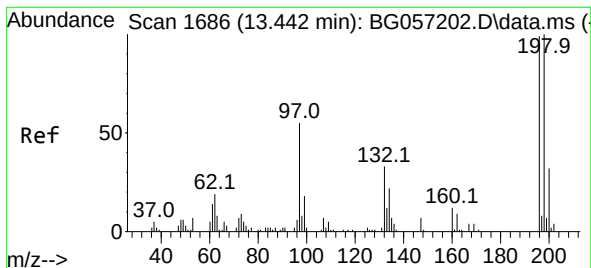


#42
2,4,6-Tribromophenol
Concen: 112.369 ng
RT: 16.474 min Scan# 2202
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01



Tgt Ion:330 Resp: 84594
Ion Ratio Lower Upper
330 100
332 95.7 78.2 117.2
141 33.7 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 46.607 ng
RT: 13.437 min Scan# 1685
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

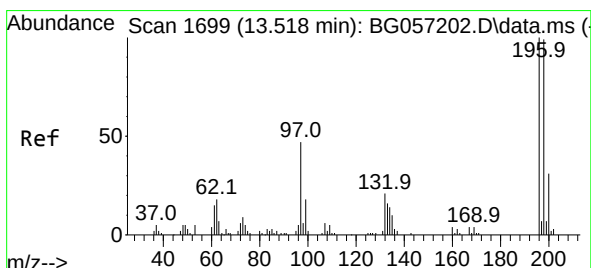
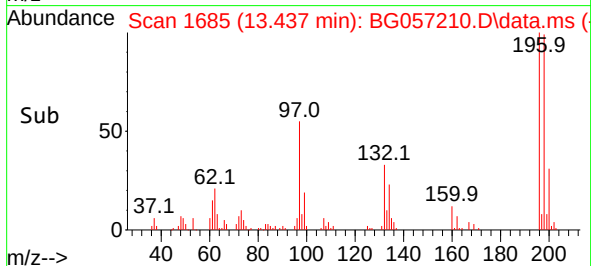
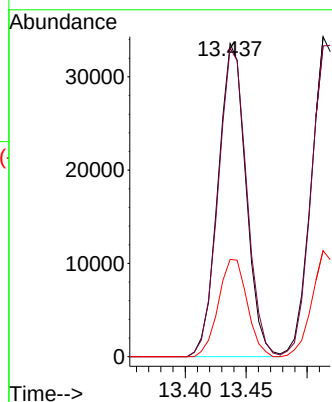
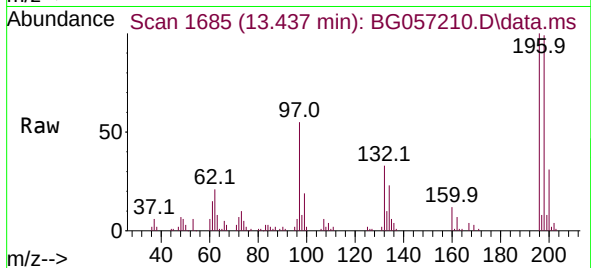
PB152410BS

Tgt Ion:196 Resp: 5348
Ion Ratio Lower Upper
196 100
198 98.6 81.2 121.8
200 31.1 26.3 39.5

Manual Integrations

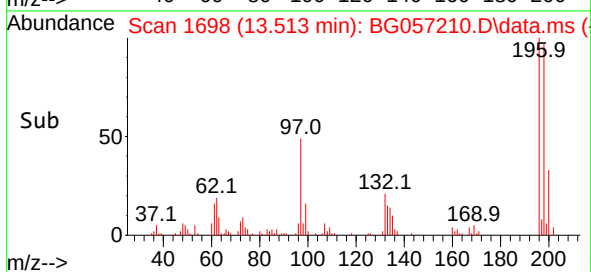
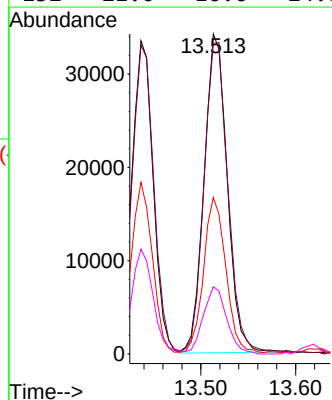
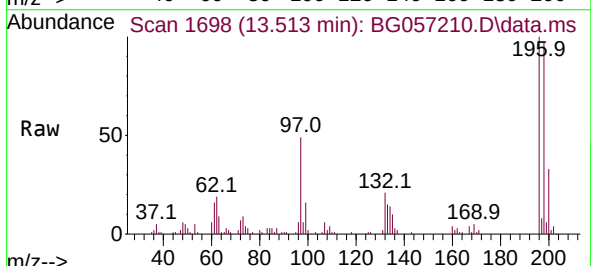
APPROVED

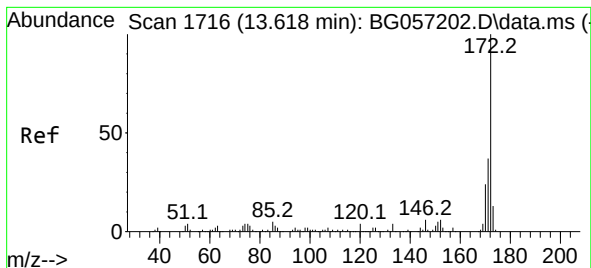
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#44
2,4,5-Trichlorophenol
Concen: 42.867 ng
RT: 13.513 min Scan# 1698
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Tgt Ion:196 Resp: 57863
Ion Ratio Lower Upper
196 100
198 97.1 79.4 119.2
97 48.9 37.0 55.4
132 21.0 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 69.227 ng
RT: 13.619 min Scan# 1716
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

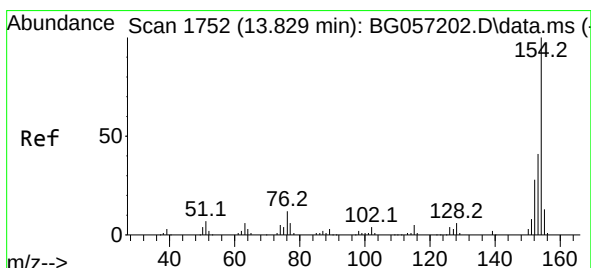
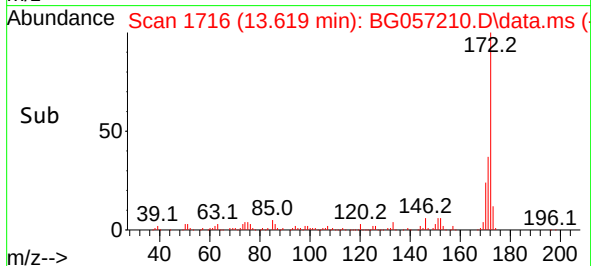
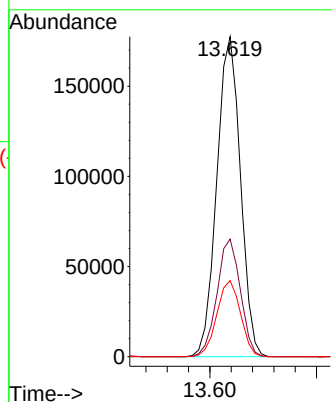
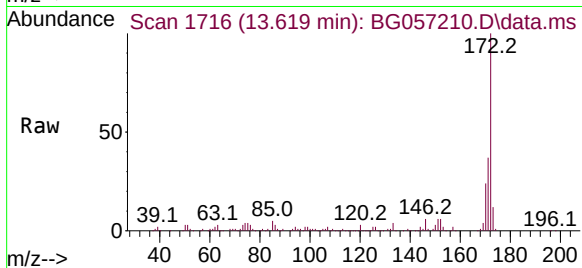
PB152410BS

Tgt Ion:172 Resp: 272720
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 23.8 19.0 28.6

Manual Integrations

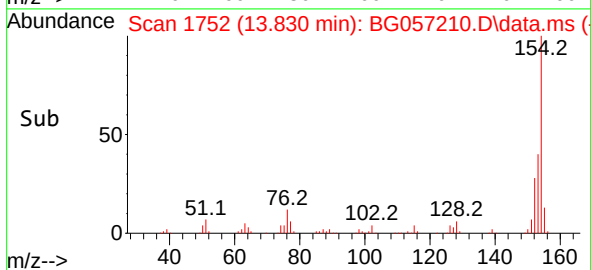
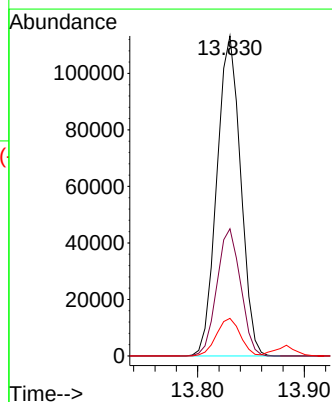
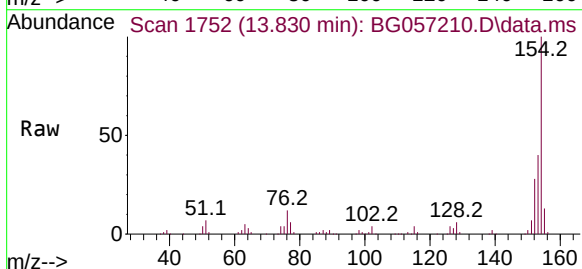
APPROVED

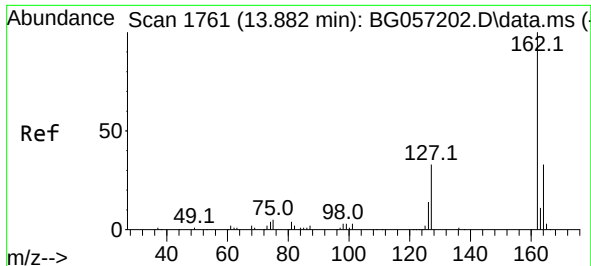
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#46
1,1'-Biphenyl
Concen: 44.498 ng
RT: 13.830 min Scan# 1752
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Tgt Ion:154 Resp: 175189
Ion Ratio Lower Upper
154 100
153 39.8 20.9 60.9
76 11.7 0.0 31.7





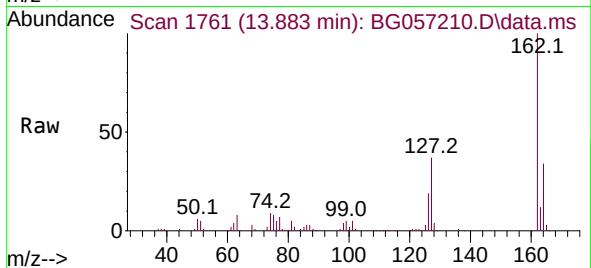
#47
2-Chloronaphthalene
Concen: 44.735 ng
RT: 13.883 min Scan# 1761
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

PB152410BS

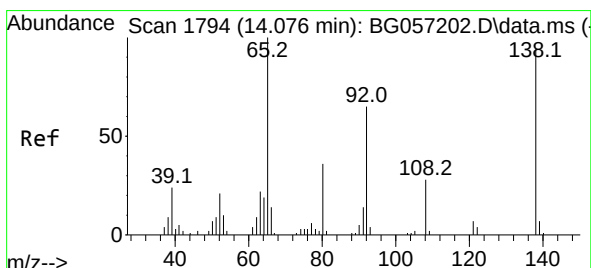
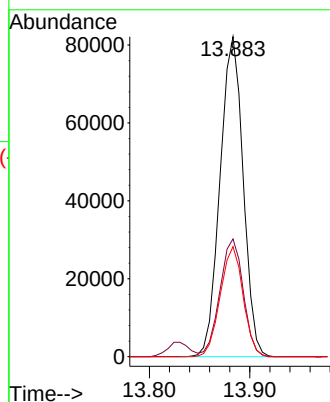
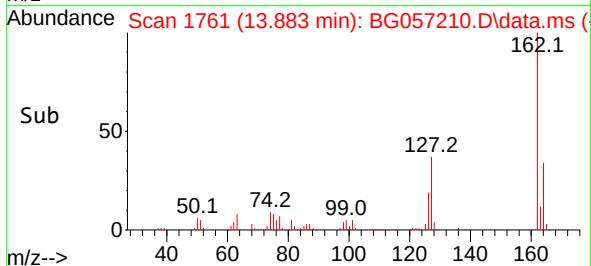


Tgt Ion:162 Resp: 13097
Ion Ratio Lower Upper
162 100
127 36.8 29.8 44.6
164 34.4 26.6 40.0

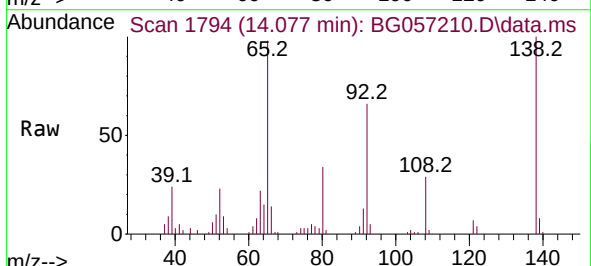
Manual Integrations

APPROVED

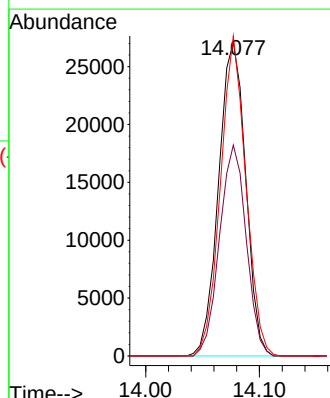
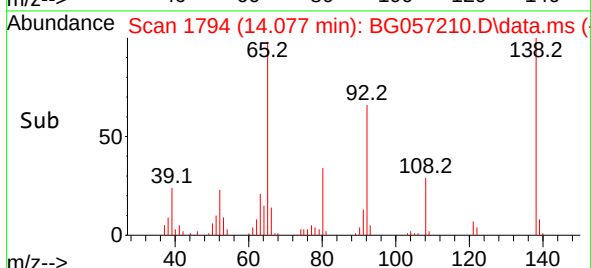
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

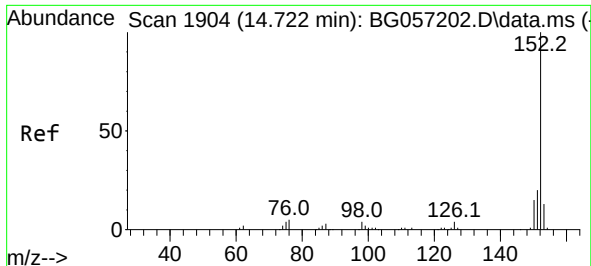


#48
2-Nitroaniline
Concen: 44.916 ng
RT: 14.077 min Scan# 1794
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01



Tgt Ion: 65 Resp: 44712
Ion Ratio Lower Upper
65 100
92 67.2 52.1 78.1
138 102.0 75.3 112.9





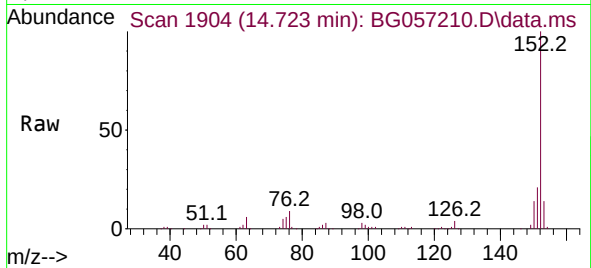
#49
Acenaphthylene
Concen: 44.670 ng
RT: 14.723 min Scan# 1904
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

PB152410BS

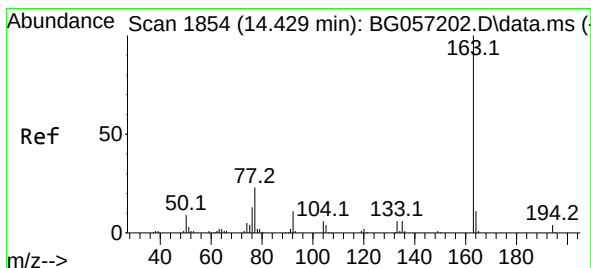
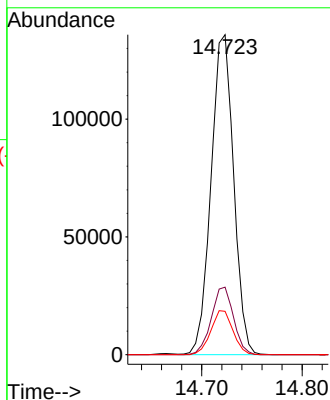
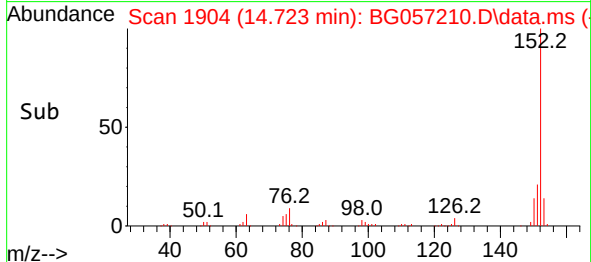


Tgt Ion:152 Resp: 212464
Ion Ratio Lower Upper
152 100
151 21.1 16.0 24.0
153 13.5 10.7 16.1

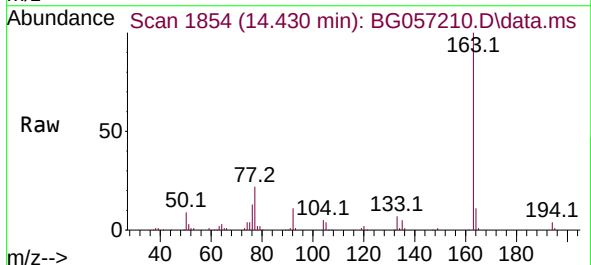
Manual Integrations

APPROVED

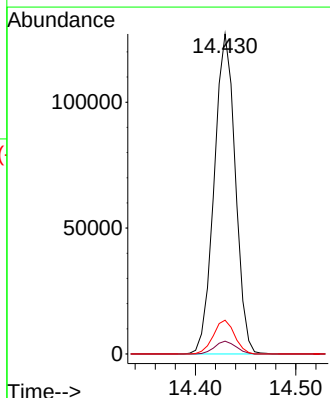
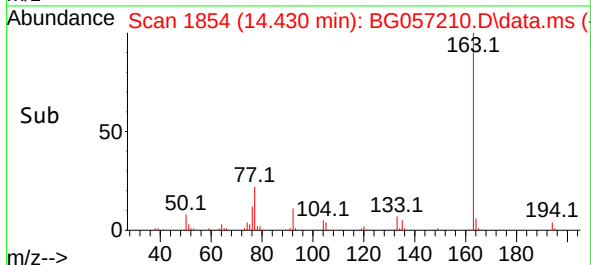
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

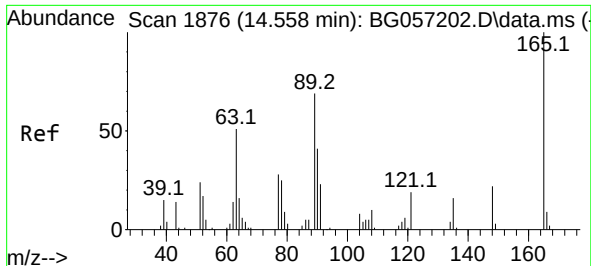


#50
Dimethylphthalate
Concen: 42.585 ng
RT: 14.430 min Scan# 1854
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01



Tgt Ion:163 Resp: 185671
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.5 8.8 13.2





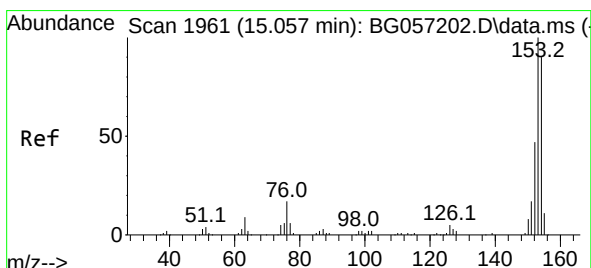
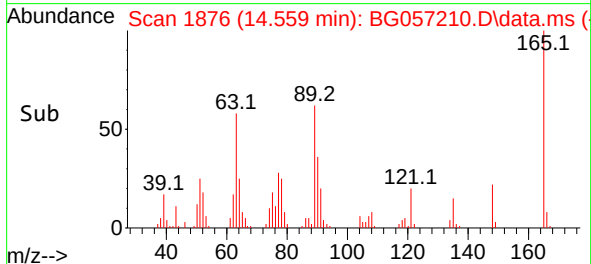
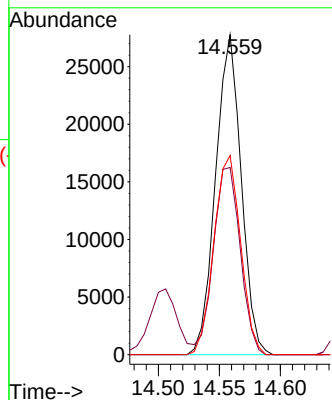
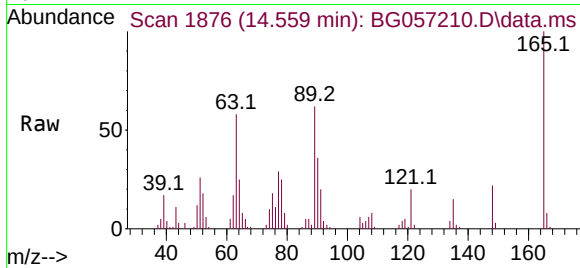
#51
2,6-Dinitrotoluene
Concen: 45.621 ng
RT: 14.559 min Scan# 1876
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :
BNA_G
ClientSampleId :
PB152410BS

Tgt Ion:165 Resp: 40612
Ion Ratio Lower Upper
165 100
63 58.5 50.9 76.3
89 62.3 55.2 82.8

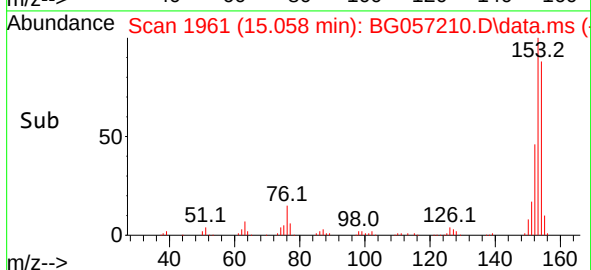
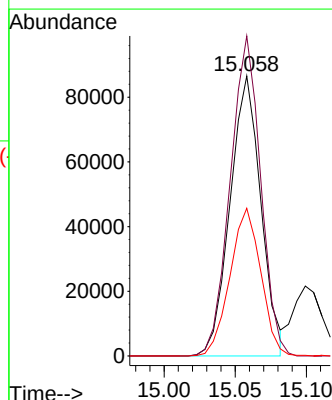
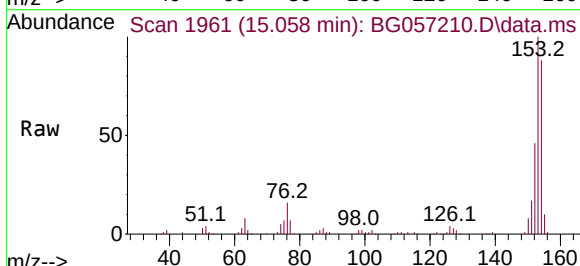
Manual Integrations
APPROVED

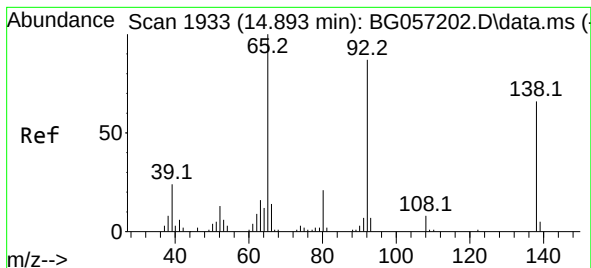
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#52
Acenaphthene
Concen: 43.914 ng
RT: 15.058 min Scan# 1961
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Tgt Ion:154 Resp: 130518
Ion Ratio Lower Upper
154 100
153 114.3 89.3 133.9
152 52.8 41.7 62.5





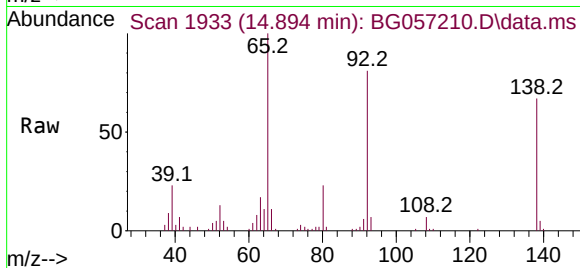
#53
3-Nitroaniline
Concen: 30.488 ng
RT: 14.894 min Scan# 1933
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

PB152410BS

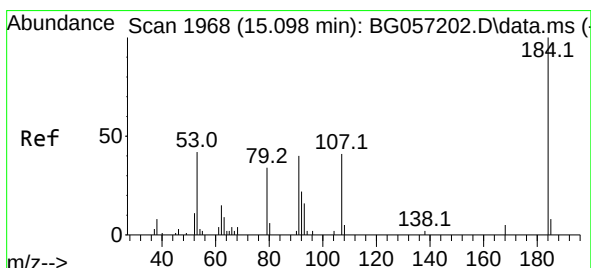
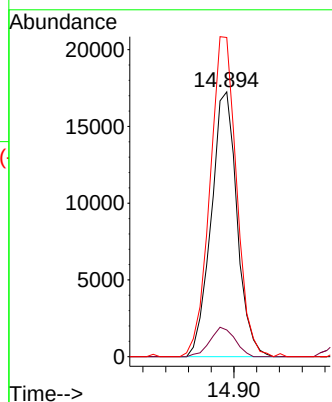
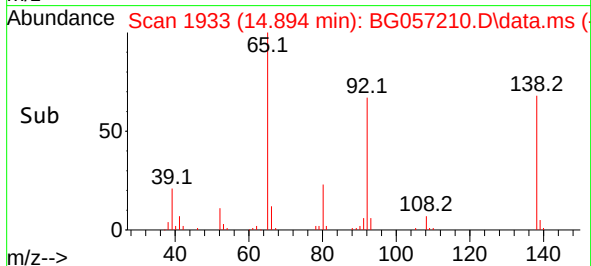


Tgt Ion:138 Resp: 27190
Ion Ratio Lower Upper
138 100
108 10.1 9.5 14.3
92 120.5 106.2 159.4

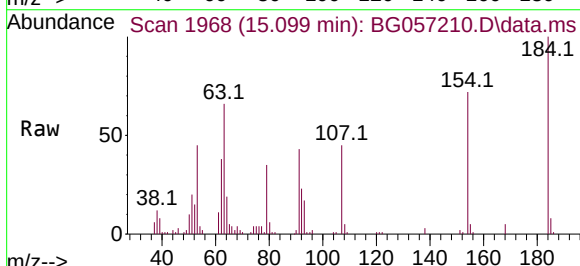
Manual Integrations

APPROVED

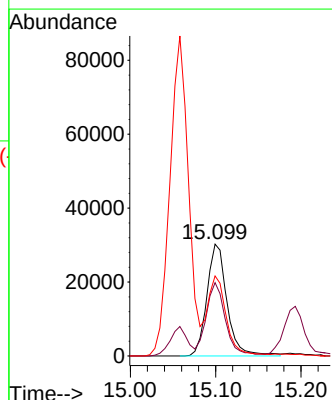
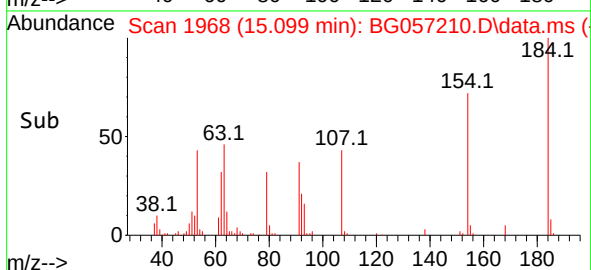
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

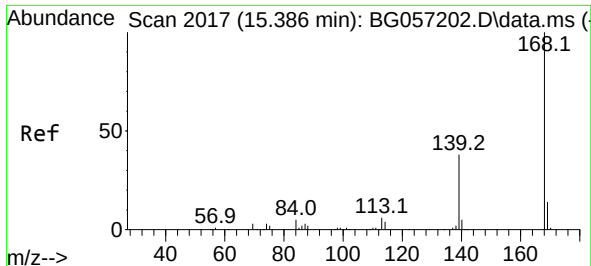


#54
2,4-Dinitrophenol
Concen: 89.622 ng
RT: 15.099 min Scan# 1968
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01



Tgt Ion:184 Resp: 49755
Ion Ratio Lower Upper
184 100
63 65.5 48.2 72.4
154 71.5 55.4 83.2





#55
Dibenzofuran
Concen: 43.703 ng
RT: 15.387 min Scan# 2017
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

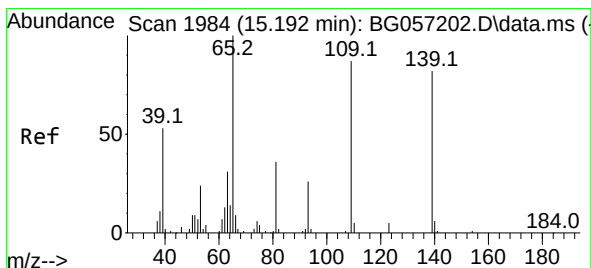
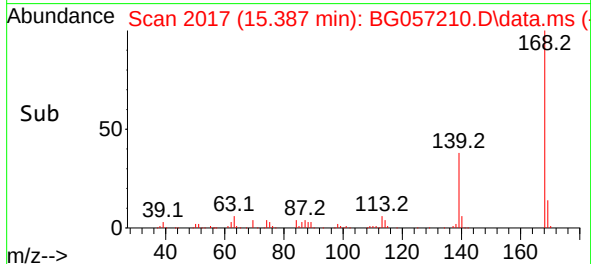
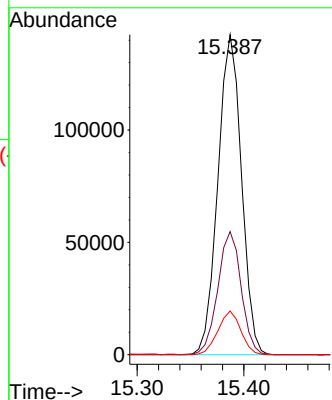
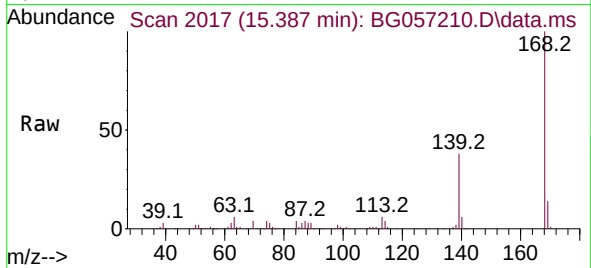
PB152410BS

Tgt Ion:168 Resp: 21824
Ion Ratio Lower Upper
168 100
139 38.4 30.7 46.1
169 13.6 10.9 16.3

Manual Integrations

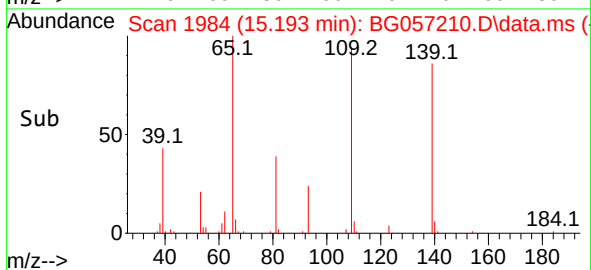
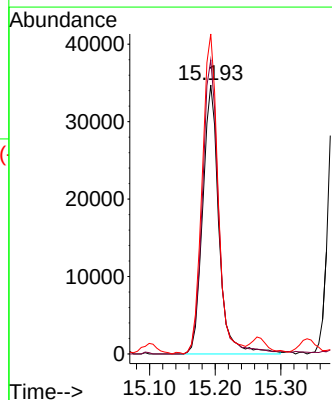
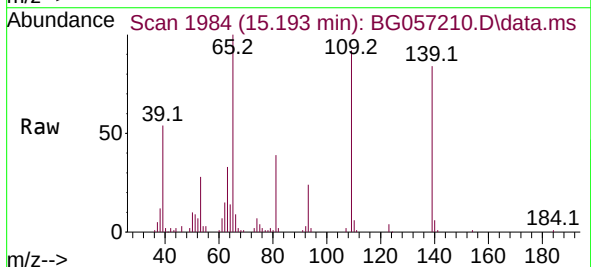
APPROVED

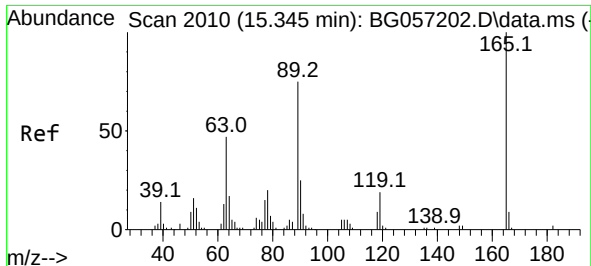
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#56
4-Nitrophenol
Concen: 100.763 ng
RT: 15.193 min Scan# 1984
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Tgt Ion:139 Resp: 59767
Ion Ratio Lower Upper
139 100
109 109.4 86.6 126.6
65 119.0 102.6 142.6





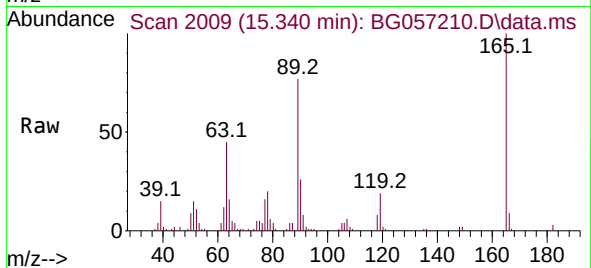
#57
2,4-Dinitrotoluene
Concen: 45.169 ng
RT: 15.340 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

PB152410BS

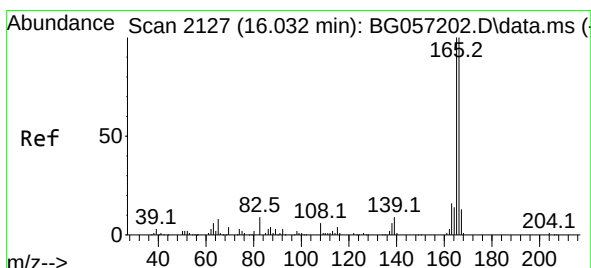
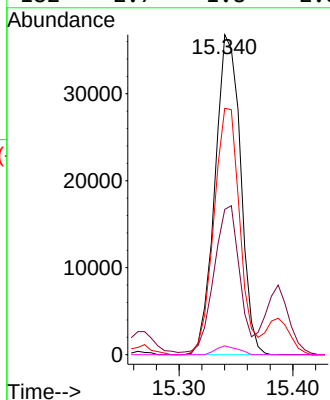
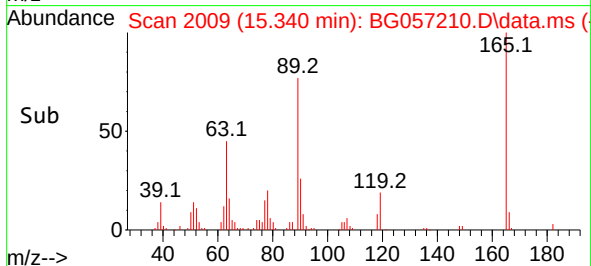


Tgt Ion:165 Resp: 57460
Ion Ratio Lower Upper
165 100
63 45.4 37.5 56.3
89 77.0 60.2 90.4
182 2.7 1.8 2.8

Manual Integrations

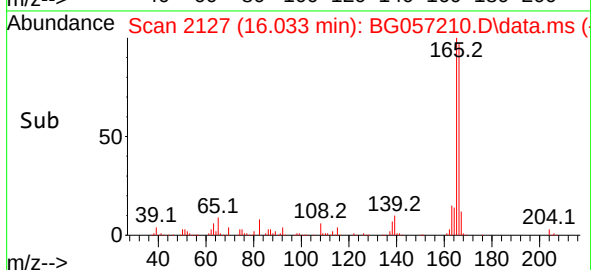
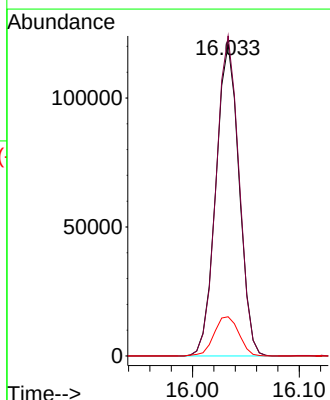
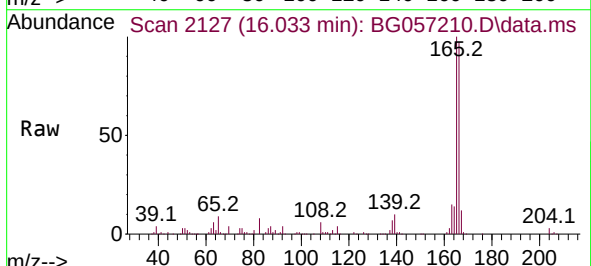
APPROVED

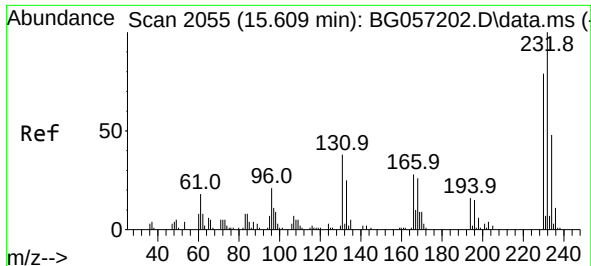
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#58
Fluorene
Concen: 44.309 ng
RT: 16.033 min Scan# 2127
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Tgt Ion:166 Resp: 182260
Ion Ratio Lower Upper
166 100
165 102.7 80.1 120.1
167 12.6 10.2 15.2





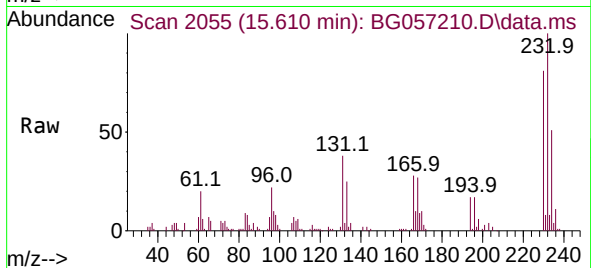
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.411 ng m
RT: 15.610 min Scan# 2055
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

PB152410BS

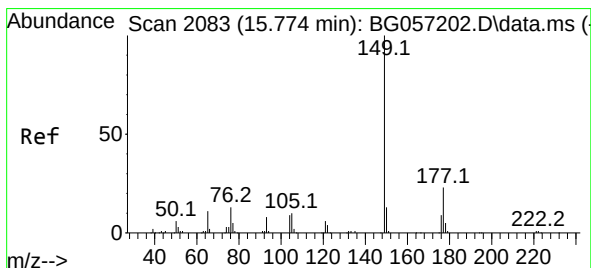
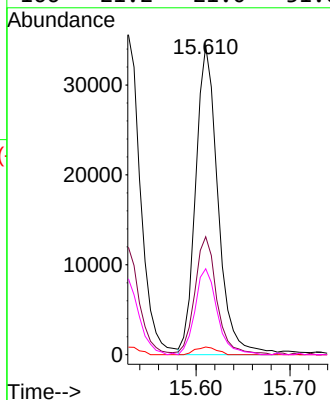
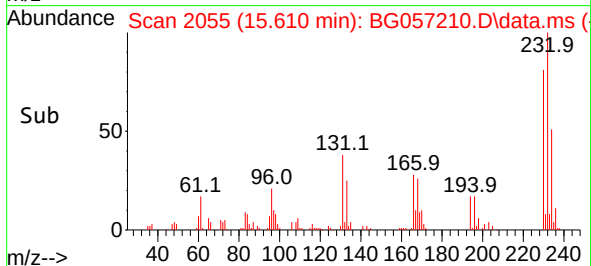


Tgt Ion:232 Resp: 5679
Ion Ratio Lower Upper
232 100
131 32.2 28.6 42.8
130 2.0 1.6 2.4
166 21.2 21.0 31.6

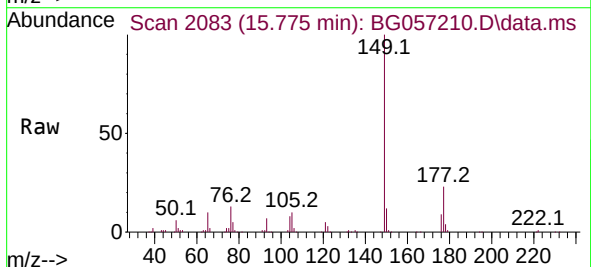
Manual Integrations

APPROVED

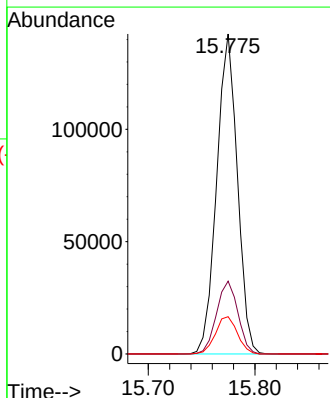
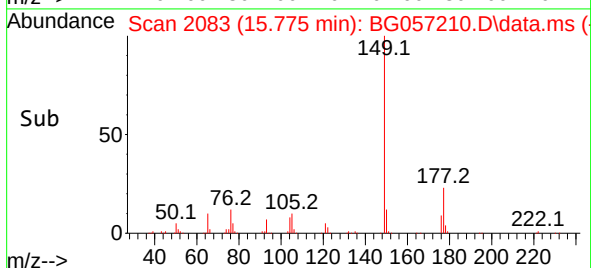
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

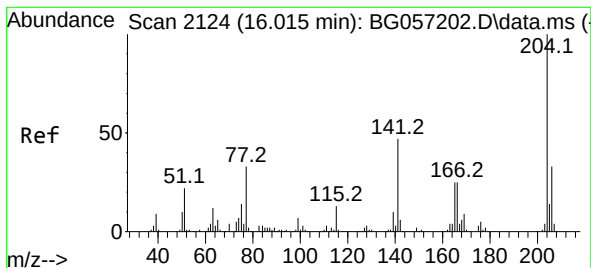


#60
Diethylphthalate
Concen: 43.191 ng
RT: 15.775 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01



Tgt Ion:149 Resp: 191239
Ion Ratio Lower Upper
149 100
177 22.8 18.3 27.5
150 11.6 10.1 15.1





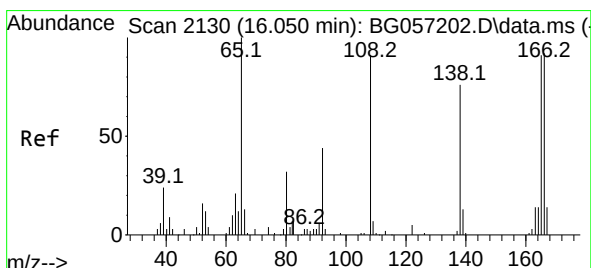
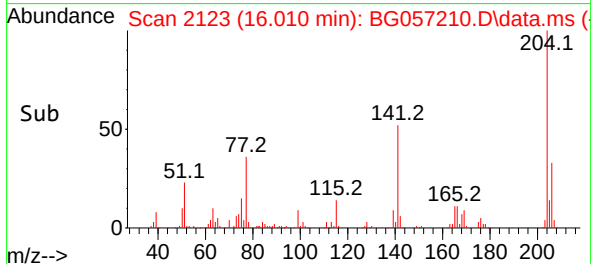
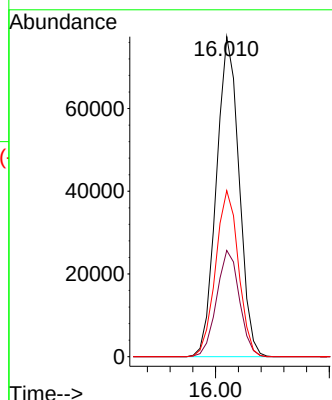
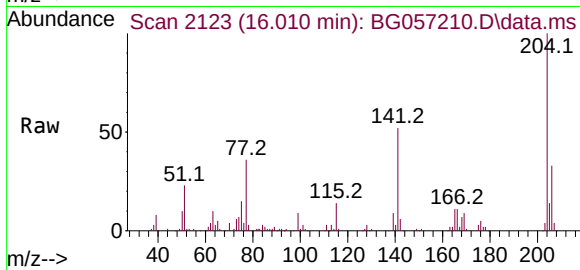
#61
4-Chlorophenyl-phenylether
Concen: 43.209 ng
RT: 16.010 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :
BNA_G
ClientSampleId :
PB152410BS

Tgt Ion:204 Resp: 107072
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 51.9 37.4 56.0

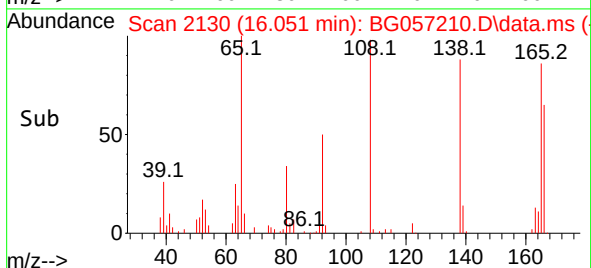
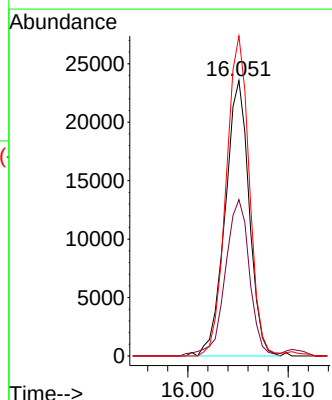
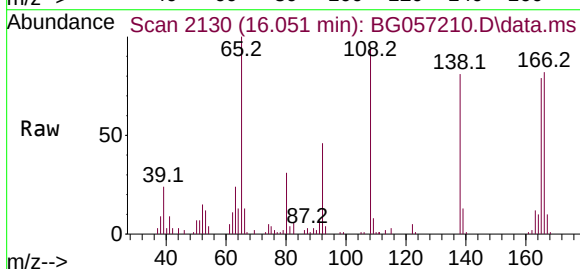
Manual Integrations
APPROVED

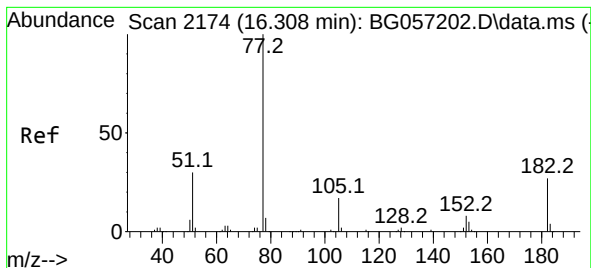
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#62
4-Nitroaniline
Concen: 43.430 ng
RT: 16.051 min Scan# 2130
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Tgt Ion:138 Resp: 39073
Ion Ratio Lower Upper
138 100
92 56.8 38.2 78.2
108 116.2 99.6 139.6





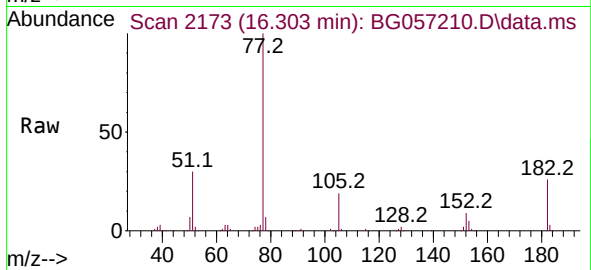
#63
Azobenzene
Concen: 42.864 ng
RT: 16.303 min Scan# 2173
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

PB152410BS

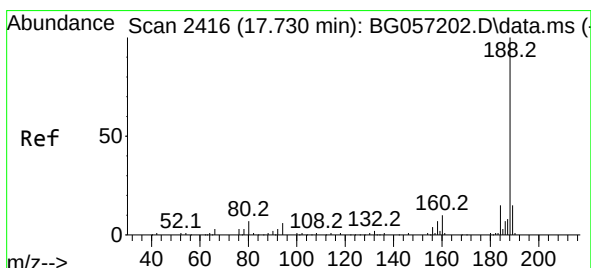
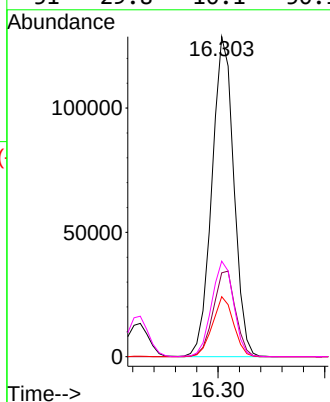
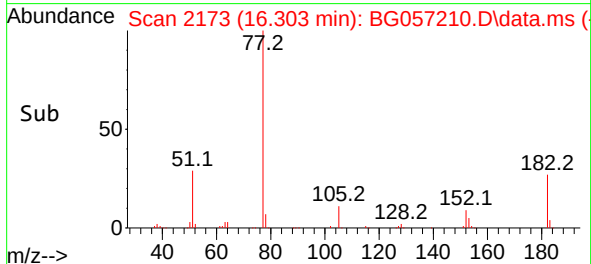


Tgt Ion: 77 Resp: 183120
Ion Ratio Lower Upper
77 100
182 26.2 7.4 47.4
105 18.8 0.0 37.2
51 29.8 10.1 50.1

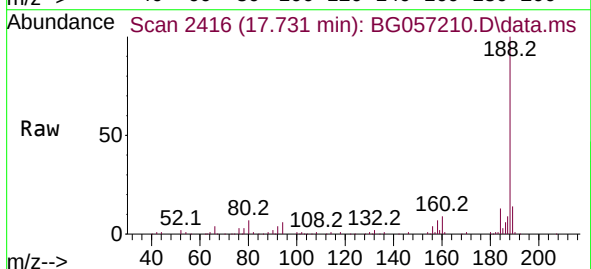
Manual Integrations

APPROVED

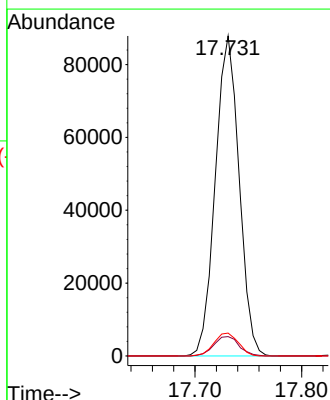
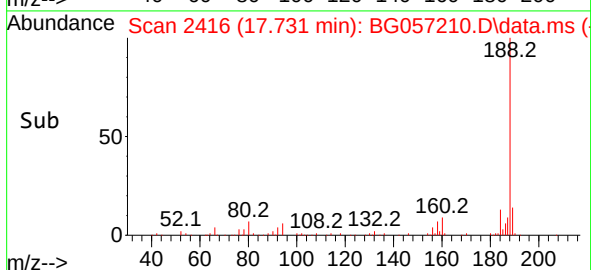
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

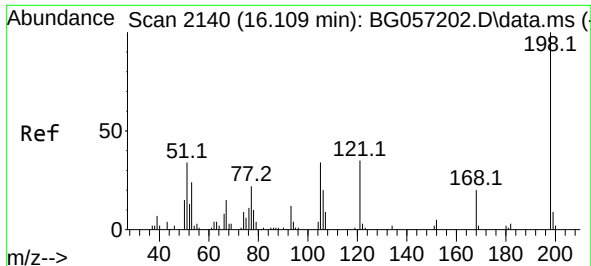


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.731 min Scan# 2416
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01



Tgt Ion:188 Resp: 135679
Ion Ratio Lower Upper
188 100
94 6.1 5.1 7.7
80 7.2 5.7 8.5





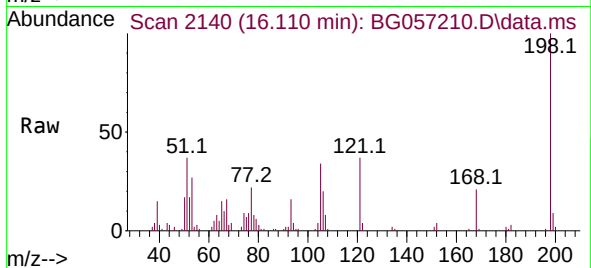
#65
4,6-Dinitro-2-methylphenol
Concen: 46.783 ng
RT: 16.110 min Scan# 2140
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

PB152410BS

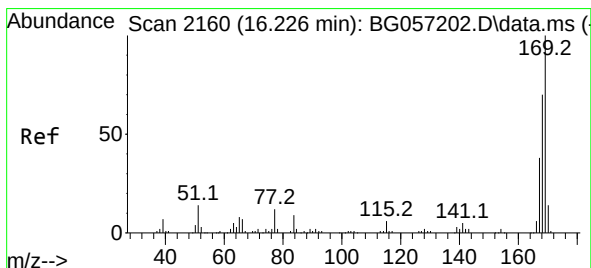
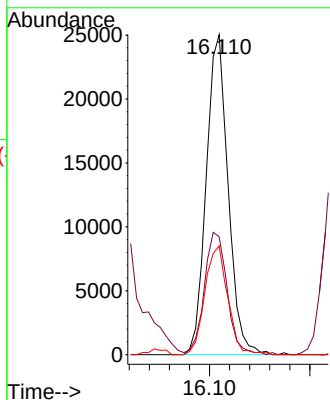
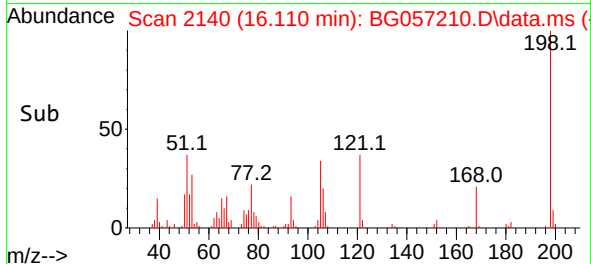


Tgt Ion:198 Resp: 3789
Ion Ratio Lower Upper
198 100
51 36.9 16.1 56.1
105 34.0 14.0 54.0

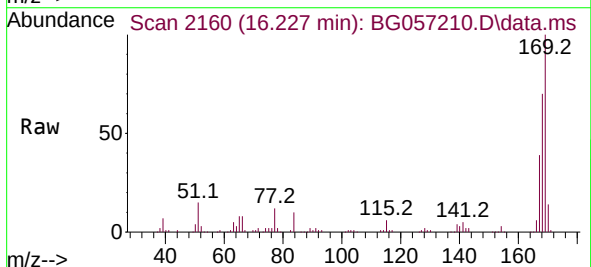
Manual Integrations

APPROVED

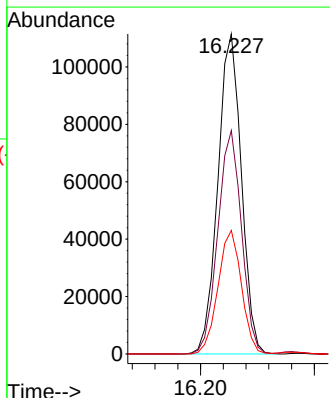
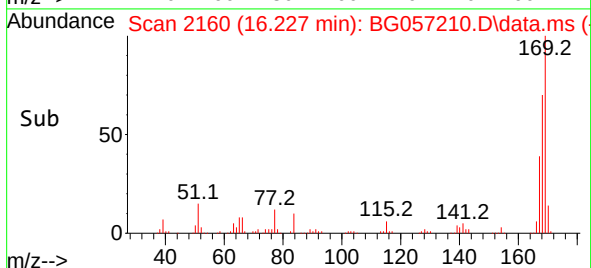
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

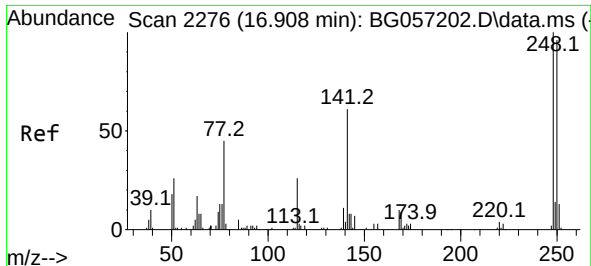


#66
n-Nitrosodiphenylamine
Concen: 43.469 ng
RT: 16.227 min Scan# 2160
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01



Tgt Ion:169 Resp: 160185
Ion Ratio Lower Upper
169 100
168 69.8 56.2 84.4
167 38.6 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 42.161 ng
RT: 16.903 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

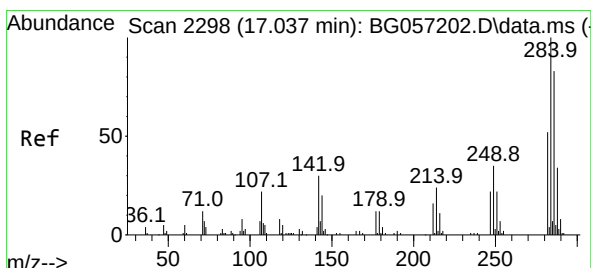
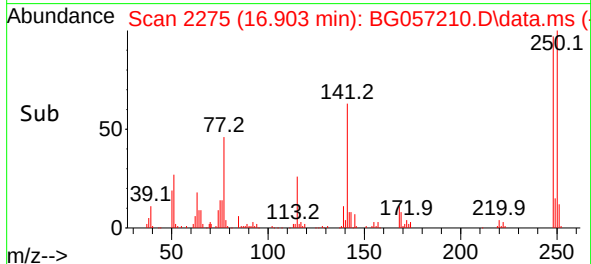
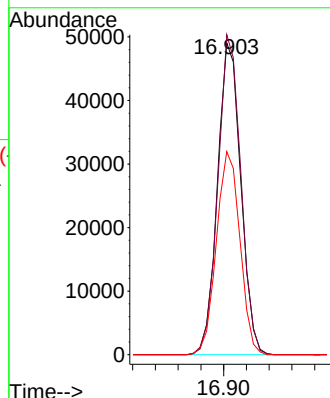
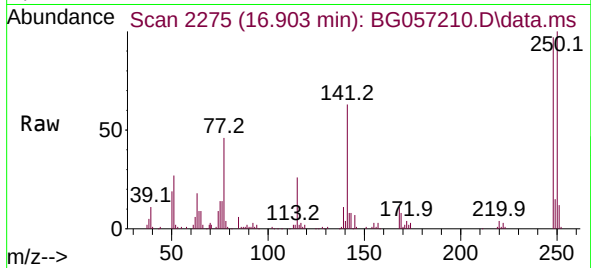
PB152410BS

Tgt Ion:248 Resp: 6983
Ion Ratio Lower Upper
248 100
250 102.6 77.0 115.6
141 65.1 48.6 72.8

Manual Integrations

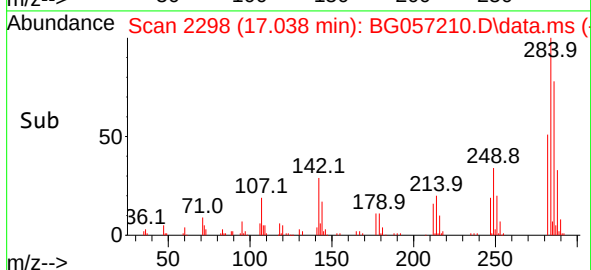
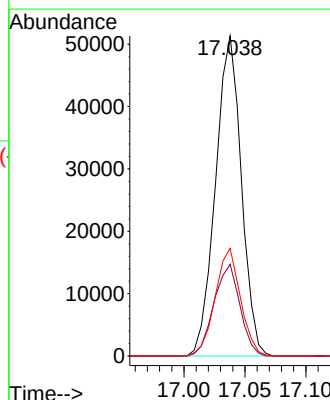
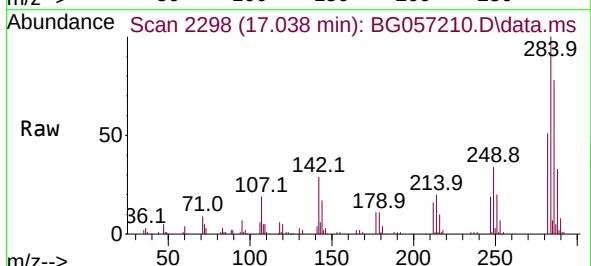
APPROVED

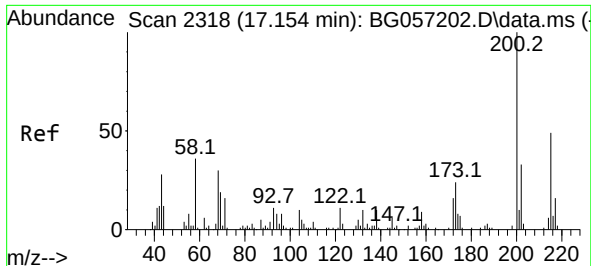
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#68
Hexachlorobenzene
Concen: 46.947 ng
RT: 17.038 min Scan# 2298
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

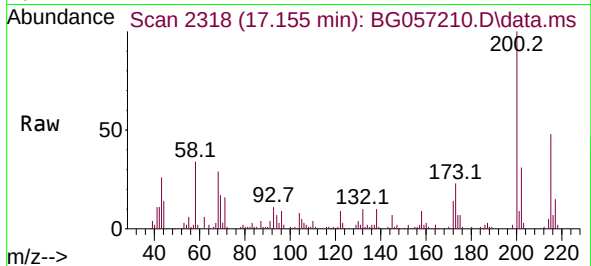
Tgt Ion:284 Resp: 75563
Ion Ratio Lower Upper
284 100
142 28.6 23.9 35.9
249 33.7 27.7 41.5





#69
 Atrazine
 Concen: 50.501 ng
 RT: 17.155 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG057210.D
 Acq: 28 Apr 2023 3:01

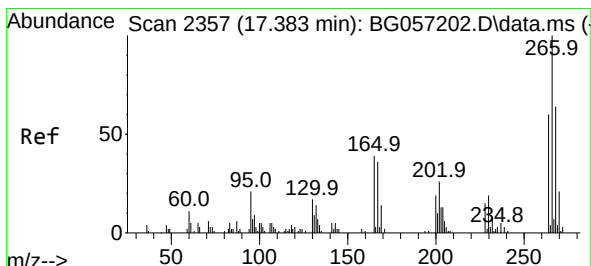
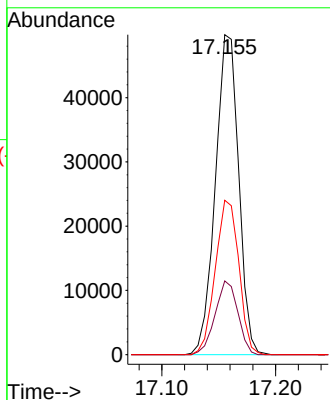
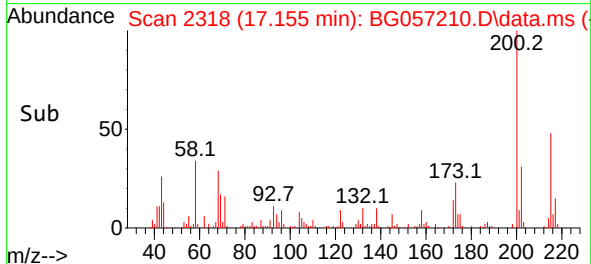
Instrument :
 BNA_G
 ClientSampleId :
 PB152410BS



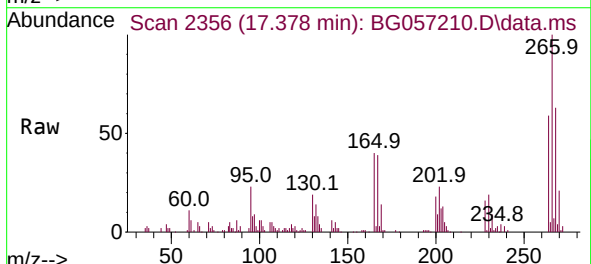
Tgt Ion:200 Resp: 70990
 Ion Ratio Lower Upper
 200 100
 173 23.1 4.3 44.3
 215 48.3 29.3 69.3

Manual Integrations
 APPROVED

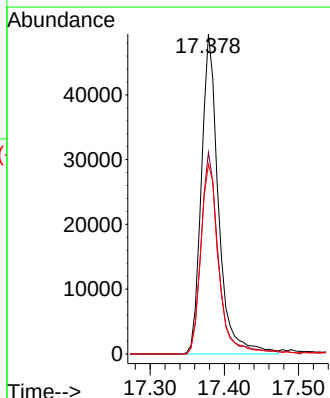
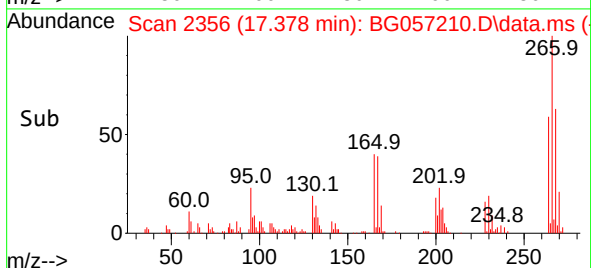
Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023

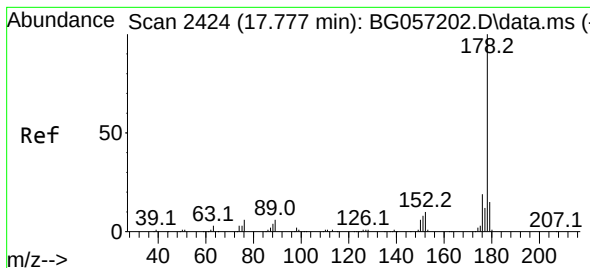


#70
 Pentachlorophenol
 Concen: 85.642 ng
 RT: 17.378 min Scan# 2356
 Delta R.T. -0.005 min
 Lab File: BG057210.D
 Acq: 28 Apr 2023 3:01



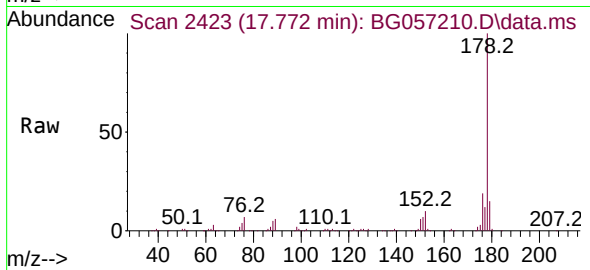
Tgt Ion:266 Resp: 79442
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.0 76.6
 264 59.3 47.8 71.6





#71
Phenanthrene
Concen: 44.317 ng
RT: 17.772 min Scan# 2424
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

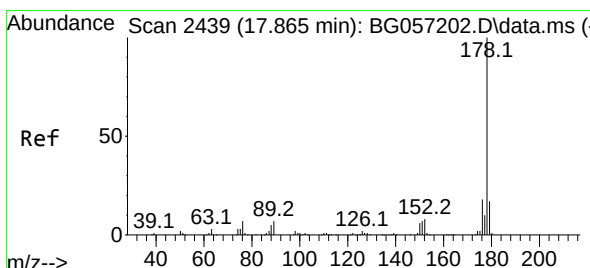
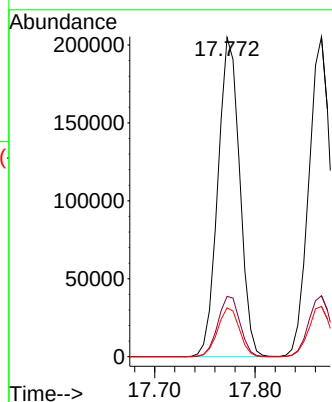
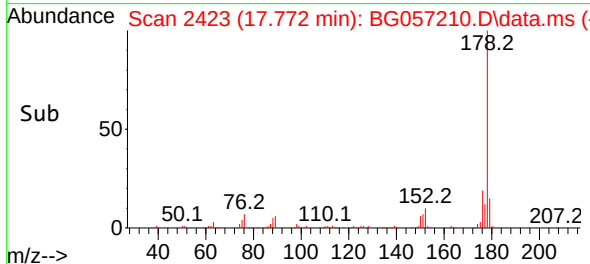
Instrument :
BNA_G
ClientSampleId :
PB152410BS



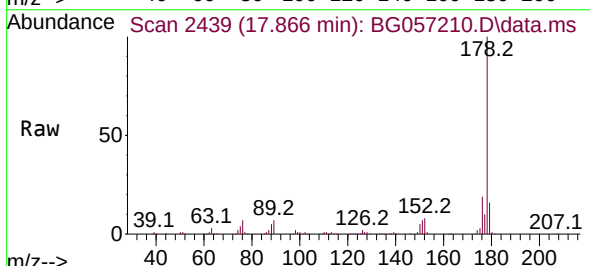
Tgt Ion:178 Resp: 308108
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.3 12.3 18.5

Manual Integrations
APPROVED

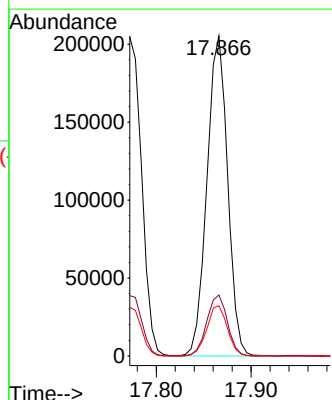
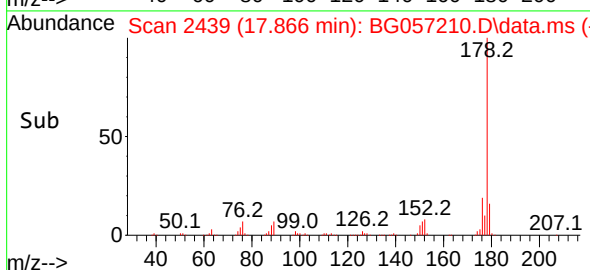
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

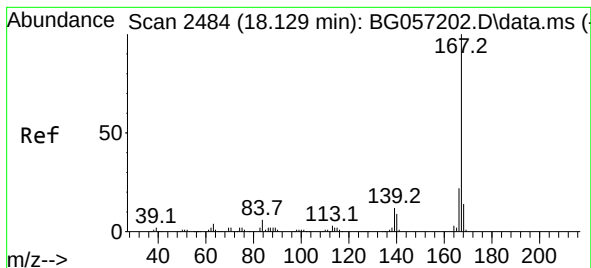


#72
Anthracene
Concen: 43.603 ng
RT: 17.866 min Scan# 2439
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01



Tgt Ion:178 Resp: 311053
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 15.7 13.2 19.8





#73

Carbazole

Concen: 44.380 ng

RT: 18.130 min Scan# 2484

Delta R.T. 0.001 min

Lab File: BG057210.D

Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

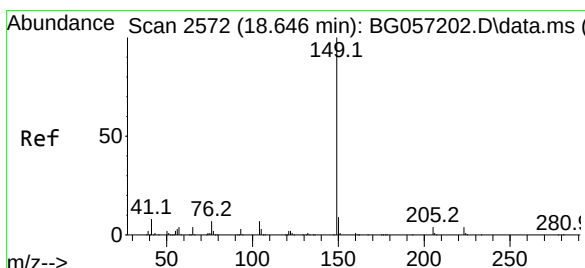
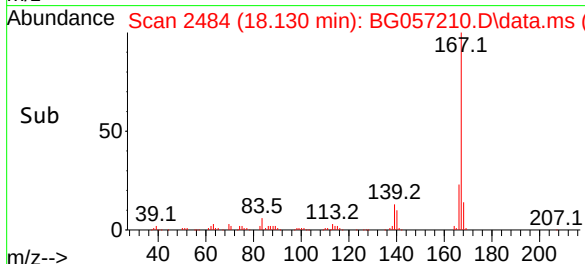
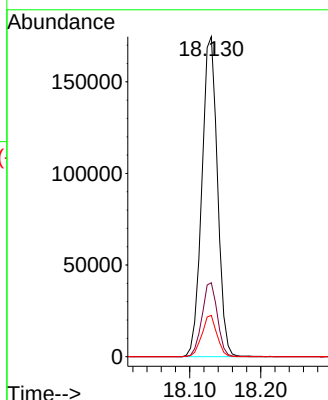
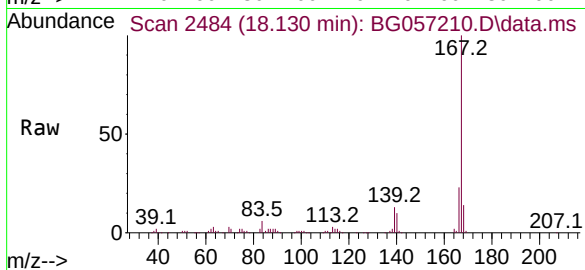
PB152410BS

Tgt Ion:167 Resp: 26653
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.4 26.0
 139 12.9 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023



#74

Di-n-butylphthalate

Concen: 43.753 ng

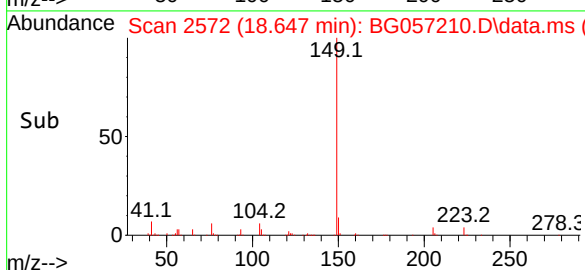
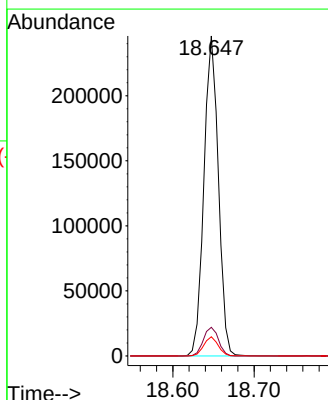
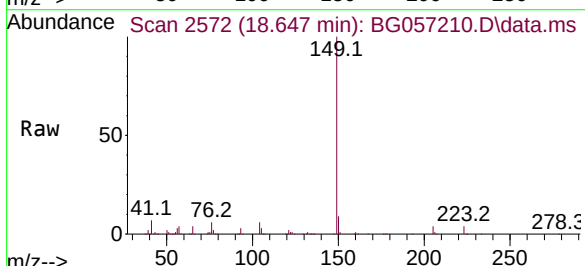
RT: 18.647 min Scan# 2572

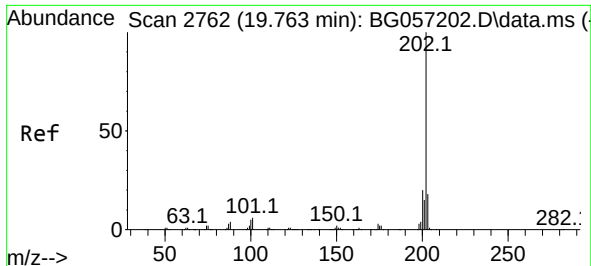
Delta R.T. 0.001 min

Lab File: BG057210.D

Acq: 28 Apr 2023 3:01

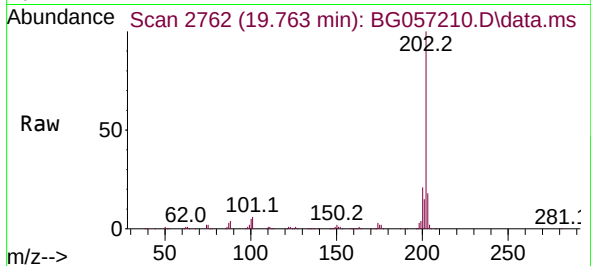
Tgt Ion:149 Resp: 302329
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 6.0 5.4 8.2





#75
Fluoranthene
Concen: 42.864 ng
RT: 19.763 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

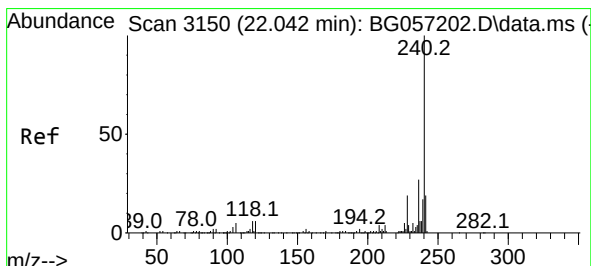
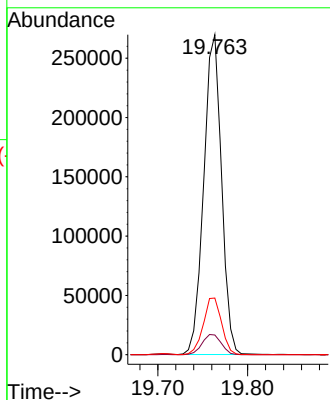
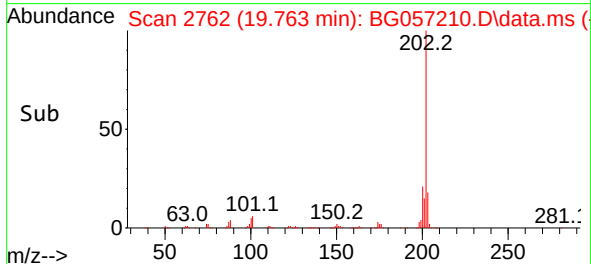
Instrument :
BNA_G
ClientSampleId :
PB152410BS



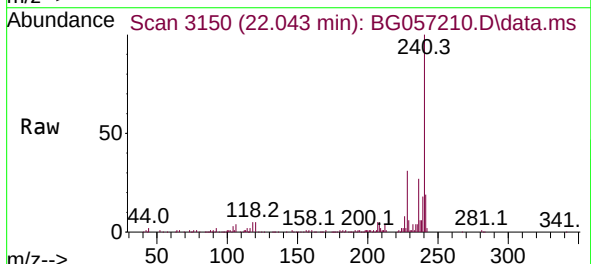
Tgt Ion:202 Resp: 37064
Ion Ratio Lower Upper
202 100
101 6.2 0.0 26.2
203 17.7 0.0 37.9

Manual Integrations
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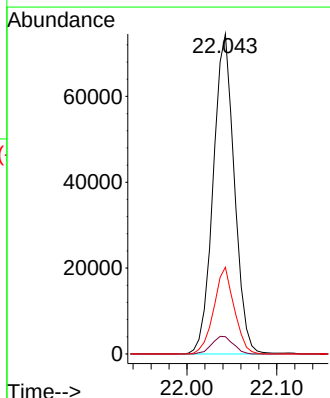
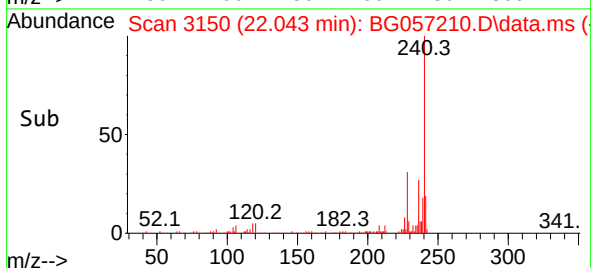
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

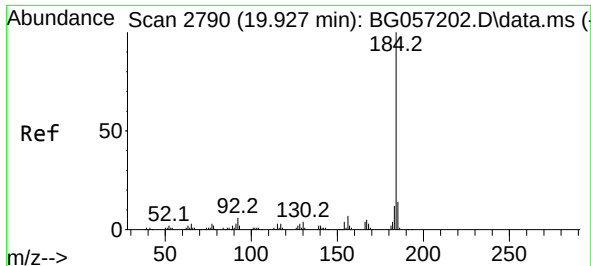


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.043 min Scan# 3150
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01



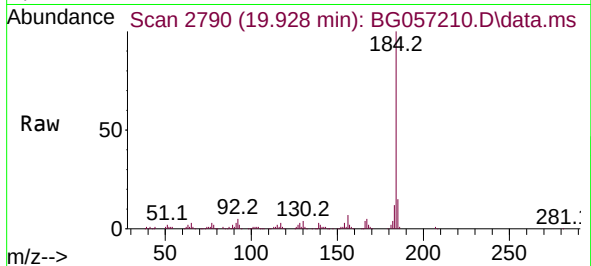
Tgt Ion:240 Resp: 121853
Ion Ratio Lower Upper
240 100
120 5.4 4.9 7.3
236 27.1 21.4 32.2





#77
Benzidine
Concen: 75.521 ng
RT: 19.928 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

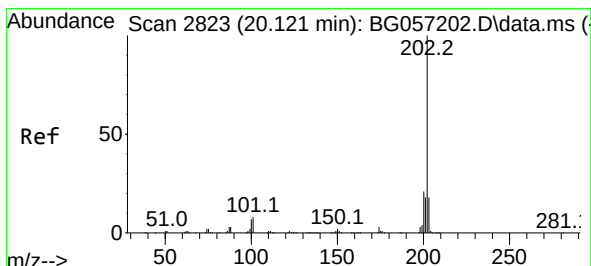
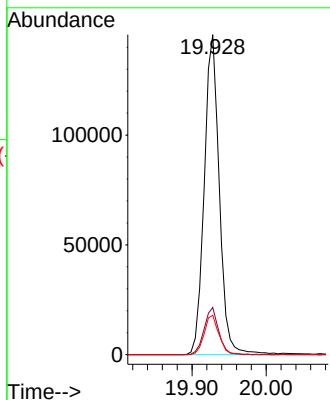
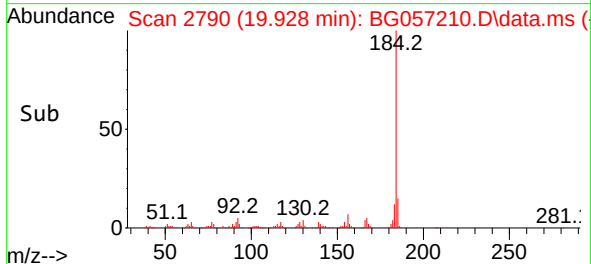
Instrument :
BNA_G
ClientSampleId :
PB152410BS



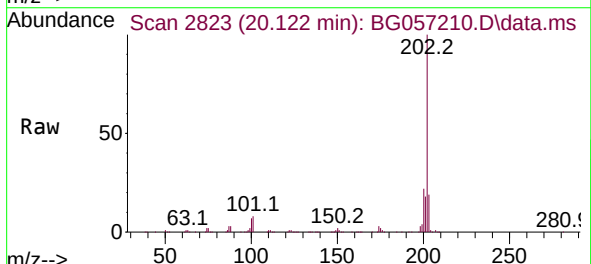
Tgt Ion:184 Resp: 205735
Ion Ratio Lower Upper
184 100
185 14.8 11.1 16.7
183 12.3 9.9 14.9

Manual Integrations
APPROVED

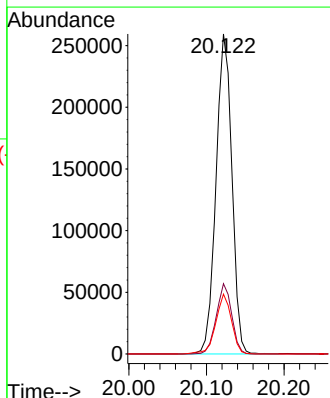
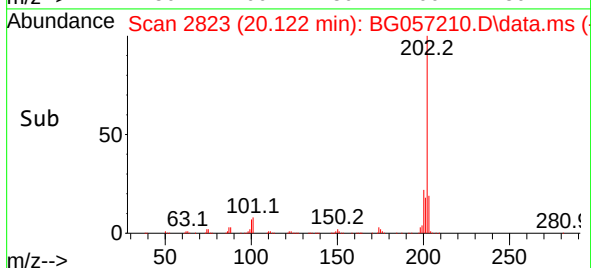
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

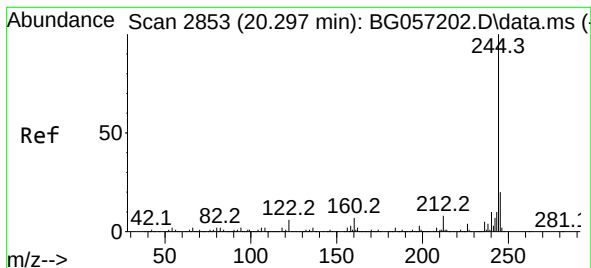


#78
Pyrene
Concen: 41.746 ng
RT: 20.122 min Scan# 2823
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01



Tgt Ion:202 Resp: 369641
Ion Ratio Lower Upper
202 100
200 22.0 17.0 25.4
203 18.7 14.2 21.4





#79

Terphenyl-d14

Concen: 66.781 ng

RT: 20.298 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG057210.D

Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

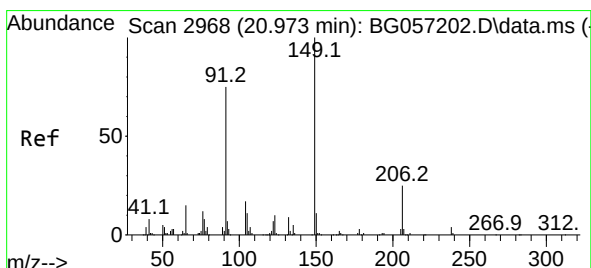
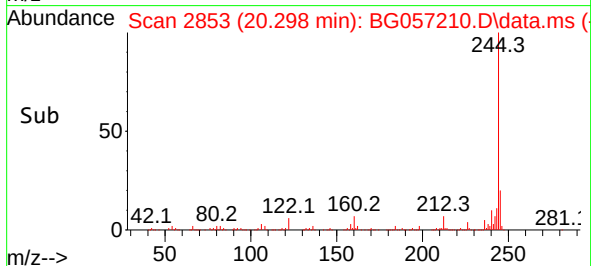
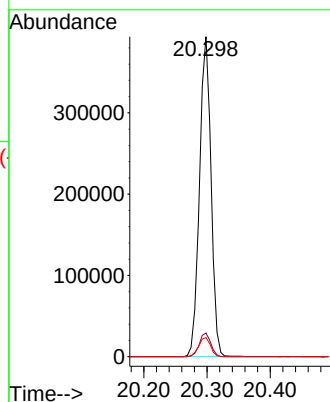
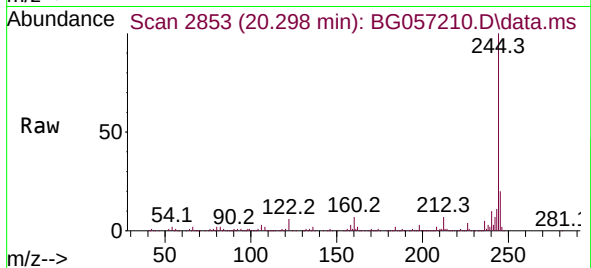
PB152410BS

Tgt Ion:	244	Resp:	49864
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.1	9.1
122	5.9	5.1	7.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#80

Butylbenzylphthalate

Concen: 42.987 ng

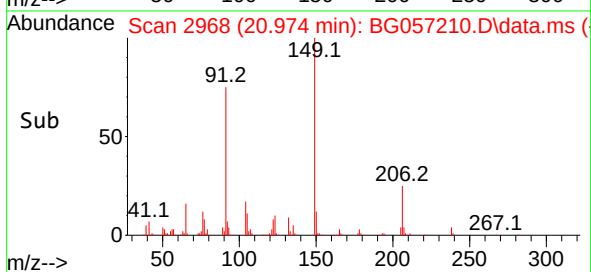
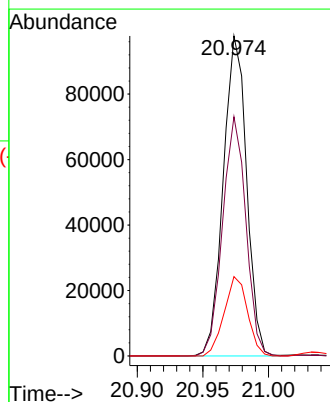
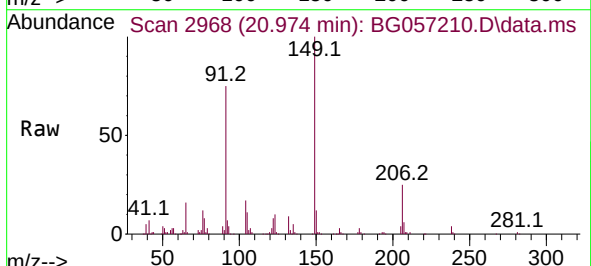
RT: 20.974 min Scan# 2968

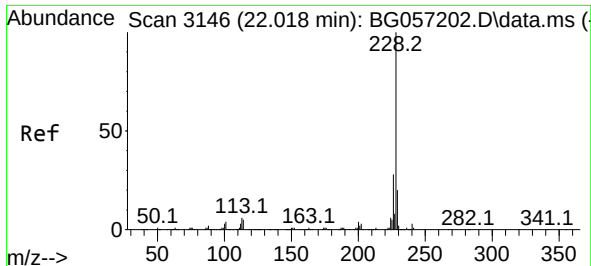
Delta R.T. 0.001 min

Lab File: BG057210.D

Acq: 28 Apr 2023 3:01

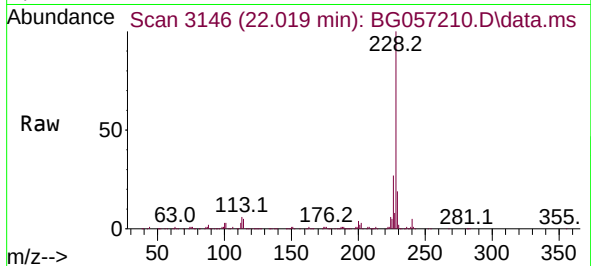
Tgt Ion:	149	Resp:	120773
Ion Ratio	Lower	Upper	
149	100		
91	74.8	59.7	89.5
206	24.8	19.7	29.5





#81
Benzo(a)anthracene
Concen: 42.778 ng
RT: 22.019 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

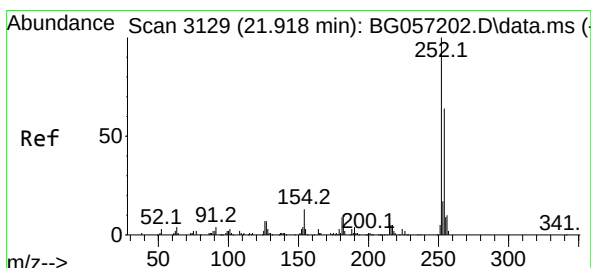
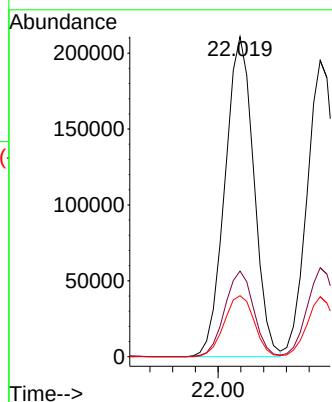
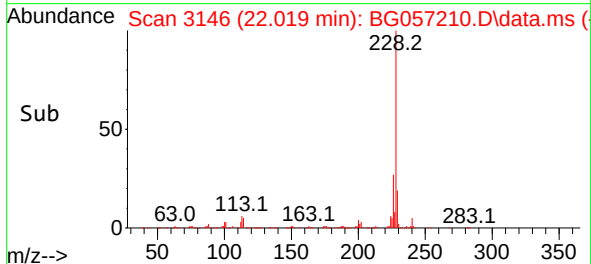
Instrument :
BNA_G
ClientSampleId :
PB152410BS



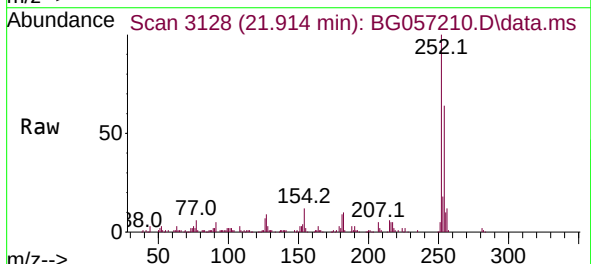
Tgt Ion:228 Resp: 37138
Ion Ratio Lower Upper
228 100
226 26.8 22.0 33.0
229 19.0 15.8 23.8

Manual Integrations
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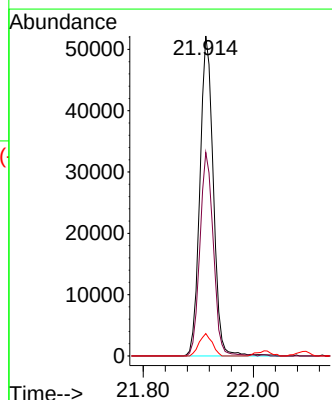
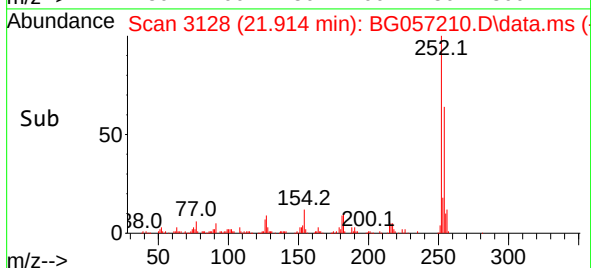
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

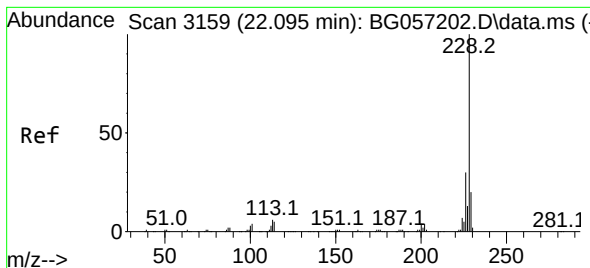


#82
3,3'-Dichlorobenzidine
Concen: 31.696 ng
RT: 21.914 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01



Tgt Ion:252 Resp: 88138
Ion Ratio Lower Upper
252 100
254 63.6 51.4 77.0
126 7.0 5.9 8.9





#83

Chrysene

Concen: 41.860 ng

RT: 22.090 min Scan# 3159

Delta R.T. -0.005 min

Lab File: BG057210.D

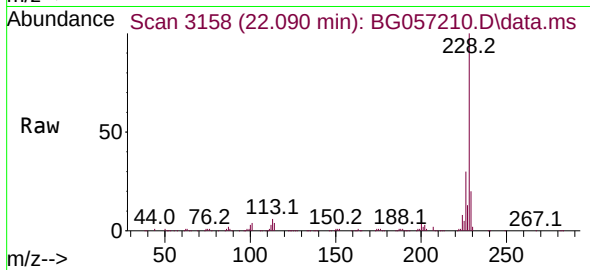
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

PB152410BS



Tgt Ion:228 Resp: 34193

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

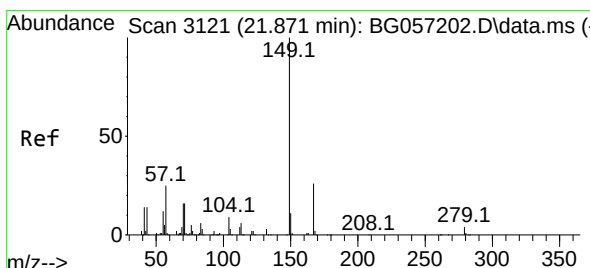
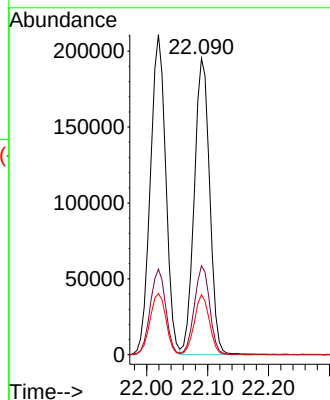
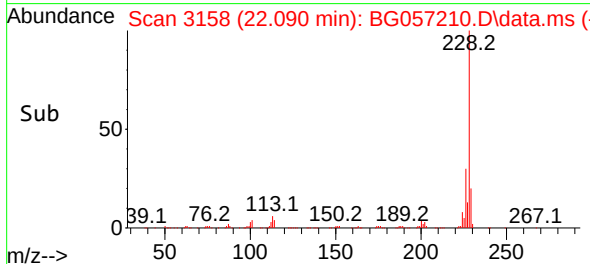
229 20.2 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.748 ng

RT: 21.867 min Scan# 3120

Delta R.T. -0.005 min

Lab File: BG057210.D

Acq: 28 Apr 2023 3:01

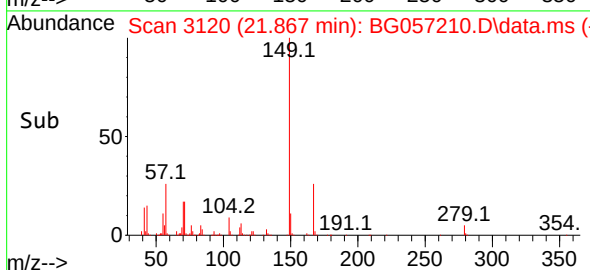
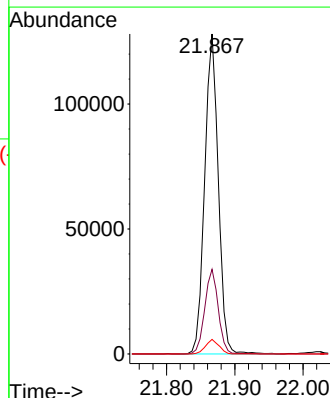
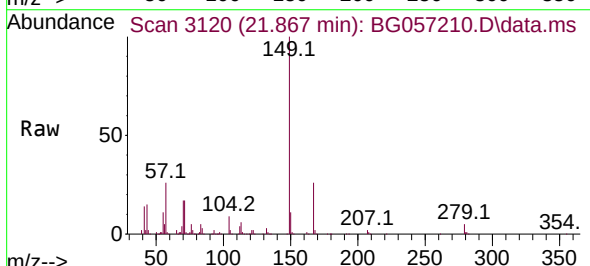
Tgt Ion:149 Resp: 177695

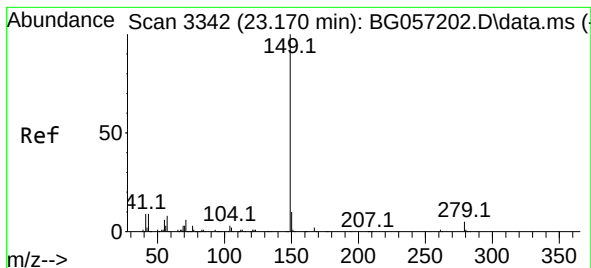
Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

279 4.6 3.5 5.3





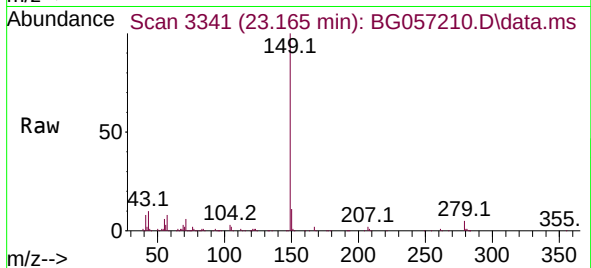
#85
Di-n-octyl phthalate
Concen: 43.621 ng
RT: 23.165 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

PB152410BS

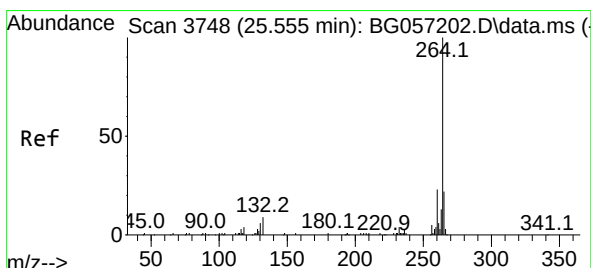
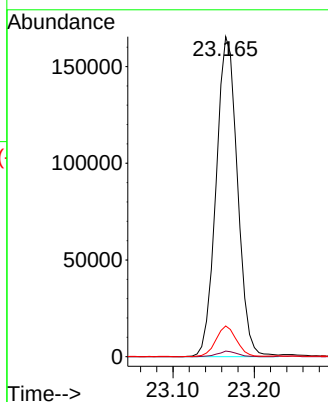
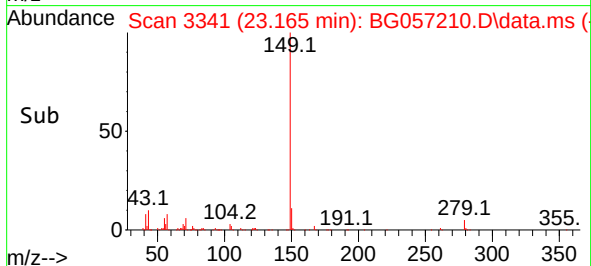


Tgt Ion:149 Resp: 30229
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.3 7.8 11.8

Manual Integrations

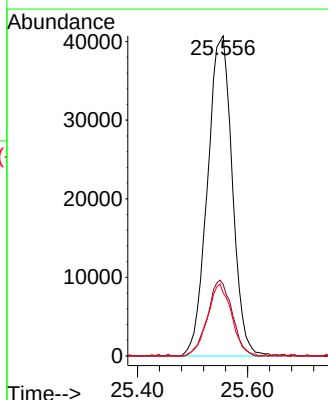
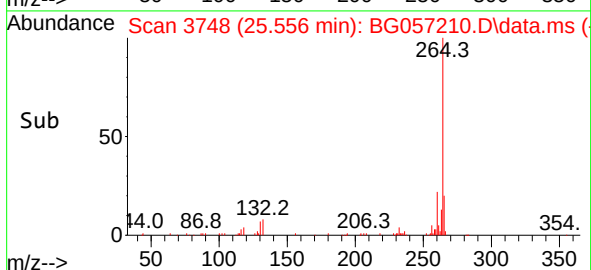
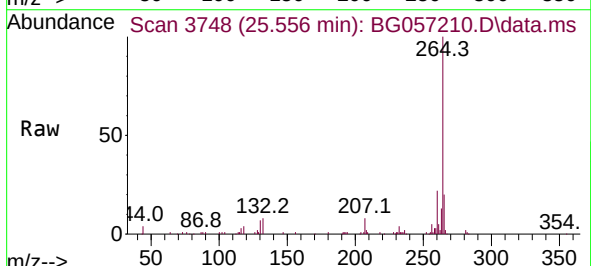
APPROVED

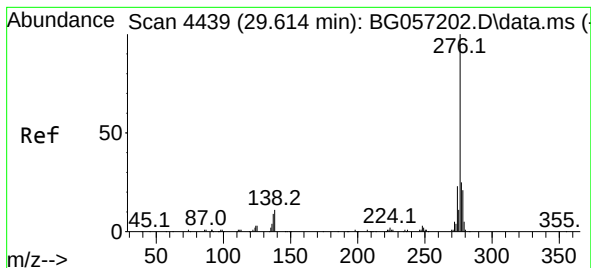
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.556 min Scan# 3748
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Tgt Ion:264 Resp: 127322
Ion Ratio Lower Upper
264 100
260 22.4 18.8 28.2
265 19.7 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.600 ng

RT: 29.615 min Scan# 4439

Delta R.T. 0.001 min

Lab File: BG057210.D

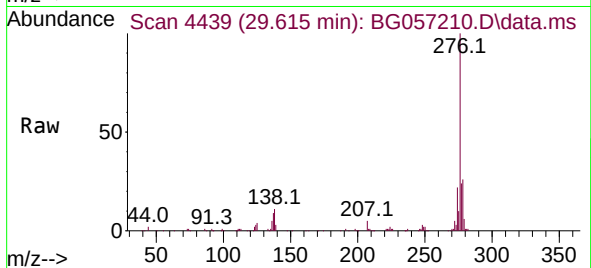
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

PB152410BS



Tgt Ion: 276 Resp: 413860

Ion Ratio Lower Upper

276 100

138 5.9 5.4 8.0

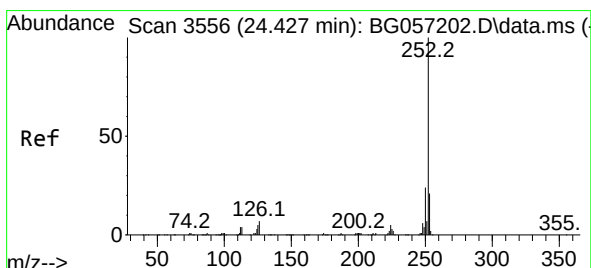
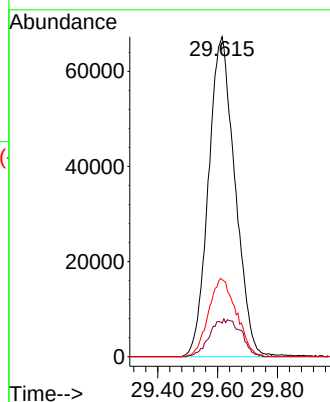
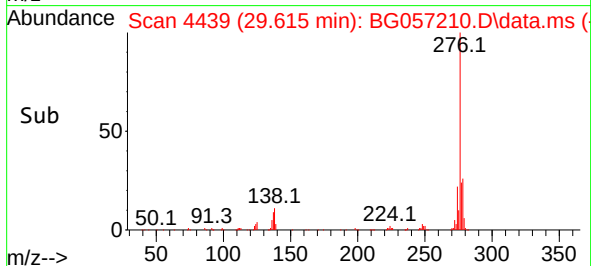
277 25.6 20.6 30.8

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 04/28/2023

Supervised By : Jagrut Upadhyay 04/28/2023



#88

Benzo(b)fluoranthene

Concen: 46.010 ng

RT: 24.428 min Scan# 3556

Delta R.T. 0.001 min

Lab File: BG057210.D

Acq: 28 Apr 2023 3:01

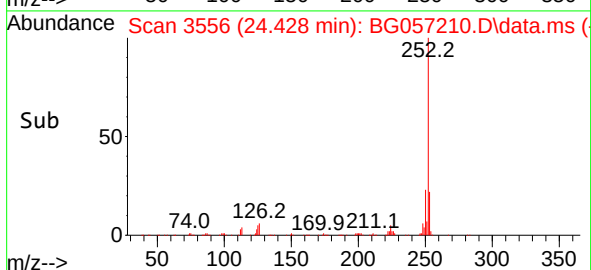
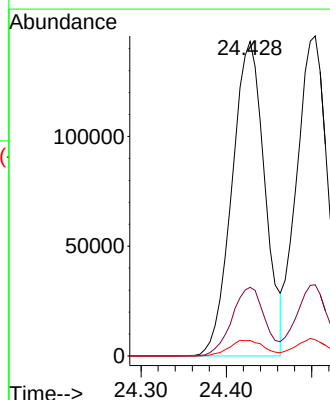
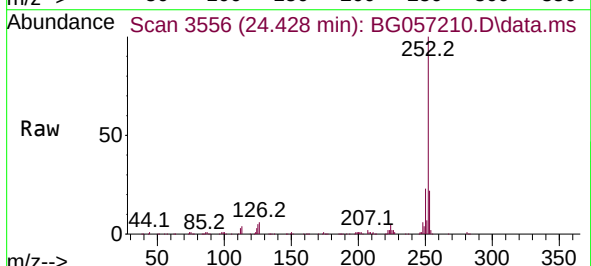
Tgt Ion: 252 Resp: 382937

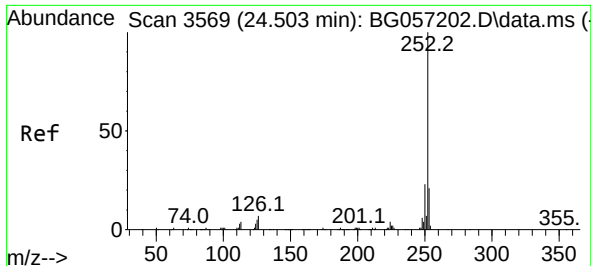
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 4.9 4.2 6.2





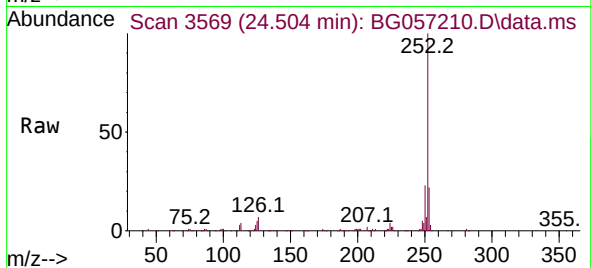
#89
Benzo(k)fluoranthene
Concen: 43.452 ng
RT: 24.504 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

PB152410BS

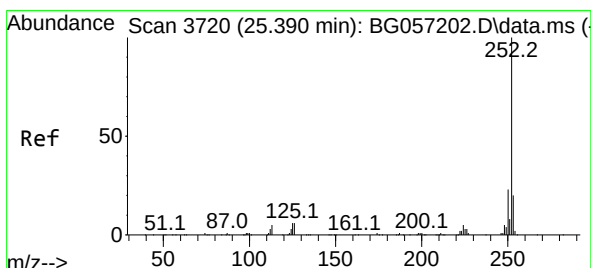
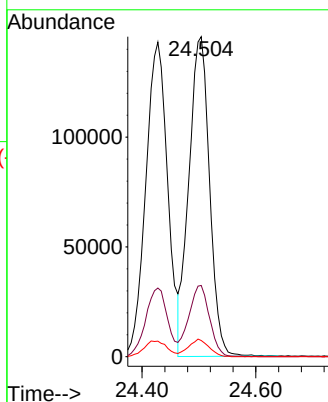
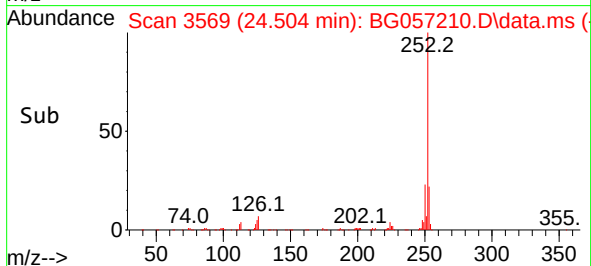


Tgt Ion:252 Resp: 367500
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 5.0 4.1 6.1

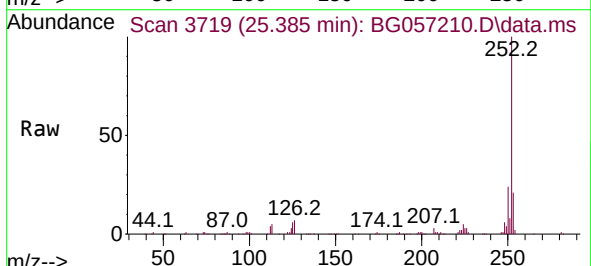
Manual Integrations

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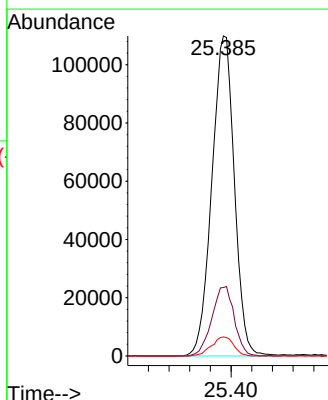
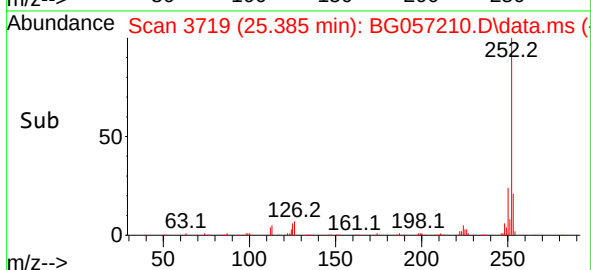
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

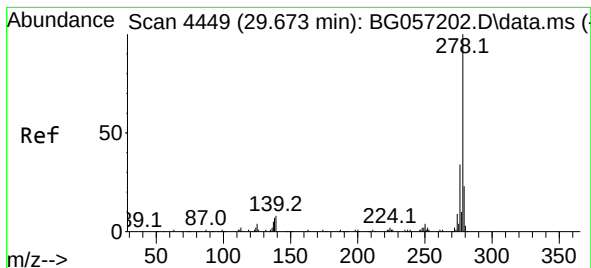


#90
Benzo(a)pyrene
Concen: 40.745 ng
RT: 25.385 min Scan# 3719
Delta R.T. -0.005 min
Lab File: BG057210.D
Acq: 28 Apr 2023 3:01



Tgt Ion:252 Resp: 331309
Ion Ratio Lower Upper
252 100
253 21.4 16.3 24.5
125 6.0 5.0 7.4





#91

Dibenzo(a,h)anthracene

Concen: 44.694 ng

RT: 29.668 min Scan# 4448

Delta R.T. -0.005 min

Lab File: BG057210.D

Acq: 28 Apr 2023 3:01

Instrument :

BNA_G

ClientSampleId :

PB152410BS

Tgt Ion:278 Resp: 345390

Ion Ratio Lower Upper

278 100

139 8.5 6.2 9.2

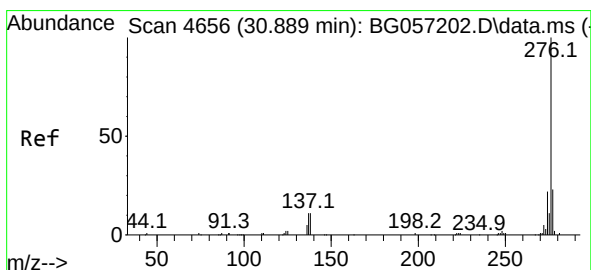
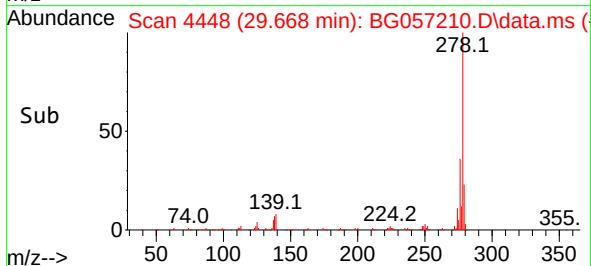
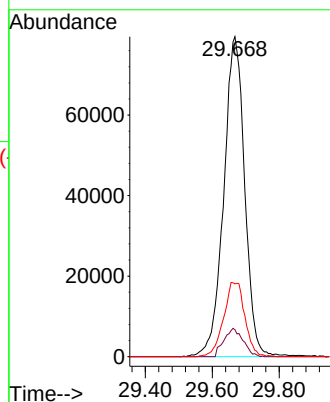
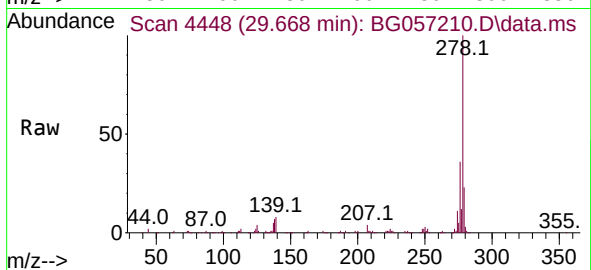
279 22.7 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#92

Benzo(g,h,i)perylene

Concen: 44.059 ng

RT: 30.895 min Scan# 4657

Delta R.T. 0.007 min

Lab File: BG057210.D

Acq: 28 Apr 2023 3:01

Tgt Ion:276 Resp: 332453

Ion Ratio Lower Upper

276 100

277 22.5 18.4 27.6

138 11.0 9.0 13.4

