

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052623\
 Data File : BG057580.D
 Acq On : 26 May 2023 11:09
 Operator : CG/JU
 Sample : PB153043BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153043BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/30/2023
 Supervised By : Jagrut Upadhyay 05/31/2023

Quant Time: May 26 11:47:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 02:58:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	15932	20.000	ng	0.00
21) Naphthalene-d8	11.193	136	65826	20.000	ng	0.00
39) Acenaphthene-d10	14.976	164	53868	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	144356	20.000	ng	0.00
76) Chrysene-d12	22.025	240	122213	20.000	ng	0.00
86) Perylene-d12	25.526	264	133308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	108530	116.528	ng	0.00
7) Phenol-d6	7.504	99	163785	115.805	ng	0.00
23) Nitrobenzene-d5	9.536	82	100117	63.835	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	89712	117.373	ng	0.00
45) 2-Fluorobiphenyl	13.595	172	267980	67.000	ng	0.00
79) Terphenyl-d14	20.280	244	512946	68.494	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.656	88	15322	39.788	ng	96
3) Pyridine	4.085	79	42371	34.237	ng	94
4) n-Nitrosodimethylamine	3.997	42	20646	35.500	ng	86
6) Aniline	7.668	93	65946	36.756	ng	98
8) 2-Chlorophenol	7.915	128	50829	51.648	ng	95
9) Benzaldehyde	7.480	77	32312	43.731	ng	99
10) Phenol	7.533	94	71978	52.207	ng	94
11) bis(2-Chloroethyl)ether	7.756	93	44733	43.028	ng	94
12) 1,3-Dichlorobenzene	8.244	146	51511	47.423	ng	96
13) 1,4-Dichlorobenzene	8.391	146	52499	48.118	ng	95
14) 1,2-Dichlorobenzene	8.714	146	49855	47.333	ng	96
15) Benzyl Alcohol	8.596	79	55068	46.738	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.872	45	56090	42.806	ng	98
17) 2-Methylphenol	8.796	107	49049	49.353	ng	97
18) Hexachloroethane	9.448	117	18586	47.204	ng	93
19) n-Nitroso-di-n-propyla...	9.160	70	43492	40.329	ng	98
20) 3+4-Methylphenols	9.131	107	69208	50.857	ng	97
22) Acetophenone	9.184	105	81063	43.026	ng	95
24) Nitrobenzene	9.577	77	64787	40.927	ng	95
25) Isophorone	10.100	82	121046	39.802	ng	98
26) 2-Nitrophenol	10.300	139	30032	49.563	ng	90
27) 2,4-Dimethylphenol	10.341	122	55517	52.325	ng	99
28) bis(2-Chloroethoxy)met...	10.570	93	68495	44.956	ng	99
29) 2,4-Dichlorophenol	10.840	162	59802	53.142	ng	95
30) 1,2,4-Trichlorobenzene	11.052	180	58234	44.866	ng	96
31) Naphthalene	11.246	128	158161	44.943	ng	98
32) Benzoic acid	10.500	122	32583	52.739	ng	95
33) 4-Chloroaniline	11.351	127	60219	38.104	ng	97
34) Hexachlorobutadiene	11.510	225	38988	40.482	ng	99
35) Caprolactam	12.127	113	20983m	54.586	ng	
36) 4-Chloro-3-methylphenol	12.456	107	68433	53.512	ng	98
37) 2-Methylnaphthalene	12.826	142	123413	44.603	ng	94
38) 1-Methylnaphthalene	13.043	142	116907	44.827	ng	99
40) 1,2,4,5-Tetrachloroben...	13.184	216	82427	43.102	ng	100
41) Hexachlorocyclopentadiene	13.155	237	52298	58.712	ng	99
43) 2,4,6-Trichlorophenol	13.425	196	57149	49.052	ng	97

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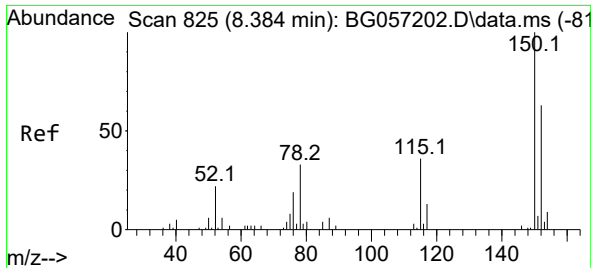
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri May 26 02:58:05 2023

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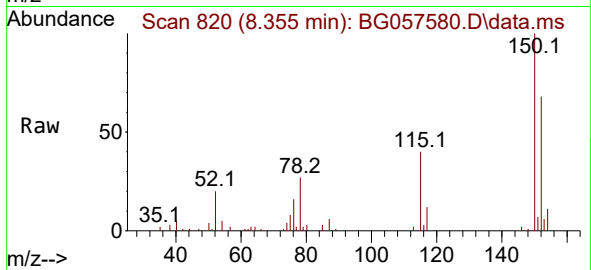
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.507	196	62179	45.371	ng	98
46) 1,1'-Biphenyl	13.807	154	182646	45.693	ng	98
47) 2-Chloronaphthalene	13.860	162	138722	46.670	ng	99
48) 2-Nitroaniline	14.065	65	47366	46.866	ng	91
49) Acenaphthylene	14.700	152	227015	47.010	ng	99
50) Dimethylphthalate	14.412	163	193382	43.686	ng	98
51) 2,6-Dinitrotoluene	14.541	165	44226	48.933	ng	89
52) Acenaphthene	15.035	154	137084	45.429	ng	98
53) 3-Nitroaniline	14.882	138	35235	38.914	ng	86
54) 2,4-Dinitrophenol	15.099	184	51578	91.404	ng	93
55) Dibenzofuran	15.369	168	232637	45.884	ng	98
56) 4-Nitrophenol	15.193	139	60362	100.234	ng	92
57) 2,4-Dinitrotoluene	15.334	165	62997	48.771	ng	91
58) Fluorene	16.016	166	194388	46.546	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.599	232	62372m	50.199	ng	
60) Diethylphthalate	15.751	149	201135	44.742	ng	100
61) 4-Chlorophenyl-phenyle...	15.992	204	109981	43.715	ng	95
62) 4-Nitroaniline	16.039	138	44394	48.601	ng	91
63) Azobenzene	16.286	77	183469	42.299	ng	94
65) 4,6-Dinitro-2-methylph...	16.104	198	42084	48.829	ng	99
66) n-Nitrosodiphenylamine	16.209	169	172247	43.933	ng	99
67) 4-Bromophenyl-phenylether	16.885	248	76240	43.264	ng	98
68) Hexachlorobenzene	17.020	284	81090	47.352	ng	95
69) Atrazine	17.144	200	78156	52.256	ng	97
70) Pentachlorophenol	17.367	266	76949	77.968	ng	99
71) Phenanthrene	17.754	178	333631	45.103	ng	99
72) Anthracene	17.848	178	338401	44.585	ng	99
73) Carbazole	18.113	167	298891	46.776	ng	98
74) Di-n-butylphthalate	18.630	149	337360	45.888	ng	# 98
75) Fluoranthene	19.746	202	395035	42.938	ng	99
77) Benzidine	19.910	184	212749	77.866	ng	99
78) Pyrene	20.110	202	398320	44.852	ng	99
80) Butylbenzylphthalate	20.956	149	140645	49.913	ng	96
81) Benzo(a)anthracene	22.002	228	381736	43.841	ng	99
82) 3,3'-Dichlorobenzidine	21.896	252	99773	35.774	ng	99
83) Chrysene	22.072	228	347196	42.380	ng	100
84) Bis(2-ethylhexyl)phtha...	21.837	149	195982	47.008	ng	100
85) Di-n-octyl phthalate	23.130	149	329836	47.455	ng	97
87) Indeno(1,2,3-cd)pyrene	29.597	276	427821	44.034	ng	# 99
88) Benzo(b)fluoranthene	24.404	252	379756	43.579	ng	98
89) Benzo(k)fluoranthene	24.481	252	375440	42.398	ng	99
90) Benzo(a)pyrene	25.362	252	339611	39.891	ng	97
91) Dibenzo(a,h)anthracene	29.644	278	362140	44.758	ng	98
92) Benzo(g,h,i)perylene	30.872	276	347153	43.941	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.355 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

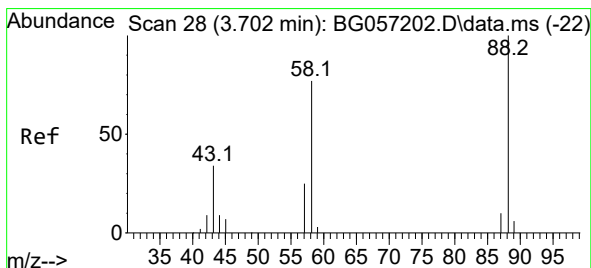
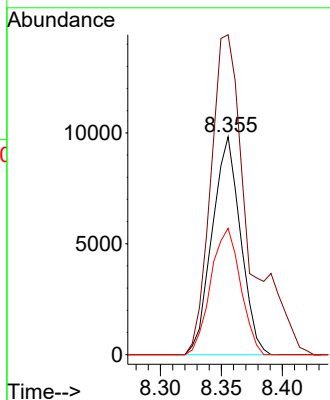
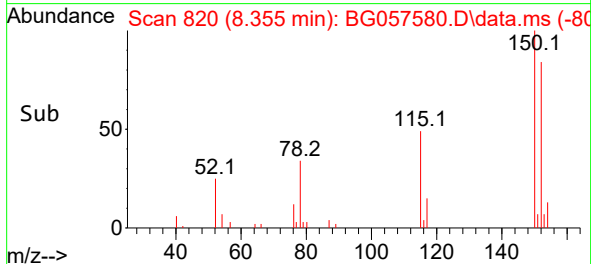
Instrument :
BNA_G
ClientSampleId :
PB153043BS



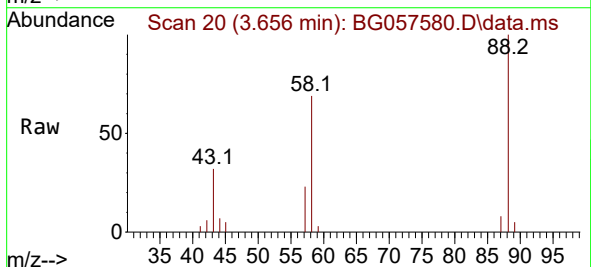
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Ion Ratio Lower Upper
152 100
150 146.8 126.2 189.4
115 58.0 45.0 67.4

Manual Integrations
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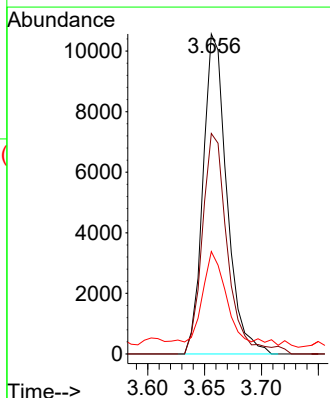
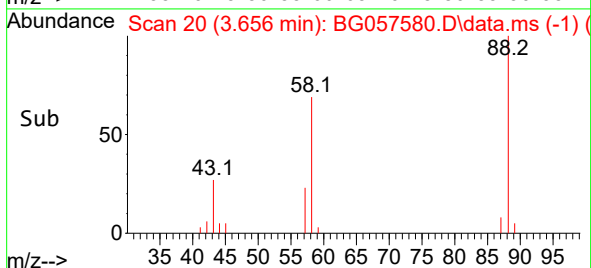
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

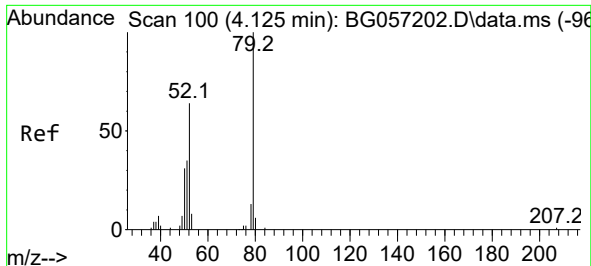


#2
1,4-Dioxane
Concen: 39.788 ng
RT: 3.656 min Scan# 20
Delta R.T. -0.013 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09



Tgt Ion: 88 Resp: 15322
Ion Ratio Lower Upper
88 100
58 73.3 57.1 85.7
43 26.9 24.4 36.6





#3
Pyridine
Concen: 34.237 ng
RT: 4.085 min Scan# 91
Delta R.T. -0.013 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :

BNA_G

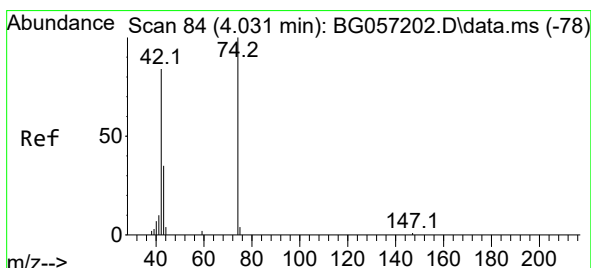
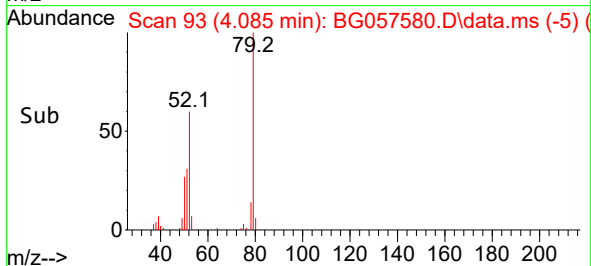
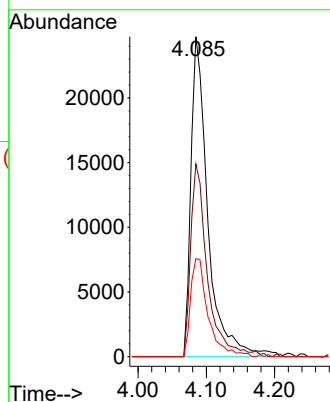
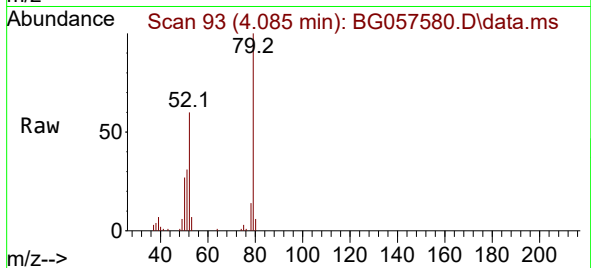
ClientSampleId :

PB153043BS

Tgt Ion: 79 Resp: 4237
Ion Ratio Lower Upper
79 100
52 60.2 51.4 77.0
51 30.7 28.0 42.0

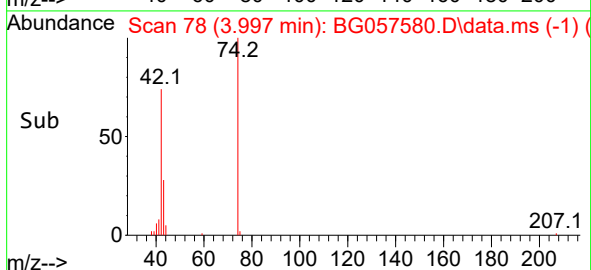
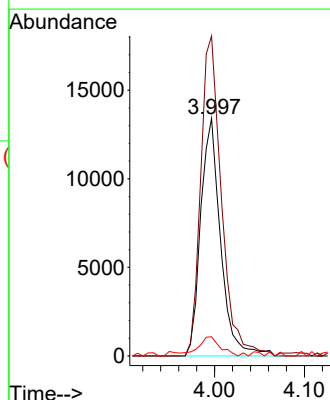
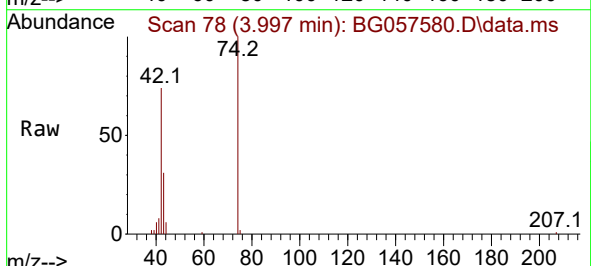
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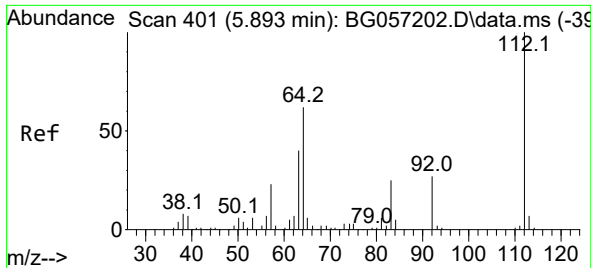
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#4
n-Nitrosodimethylamine
Concen: 35.500 ng
RT: 3.997 min Scan# 78
Delta R.T. -0.008 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Tgt Ion: 42 Resp: 20646
Ion Ratio Lower Upper
42 100
74 134.7 95.1 142.7
44 8.1 5.8 8.8





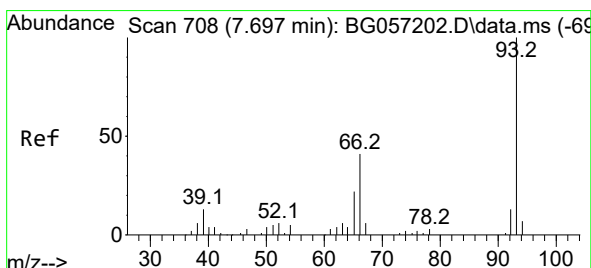
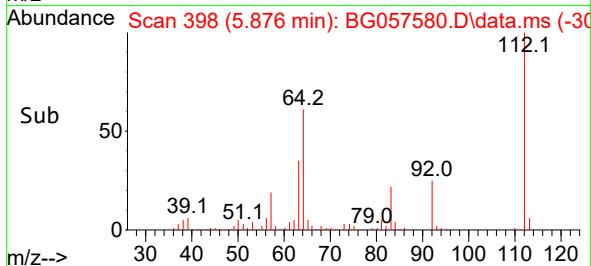
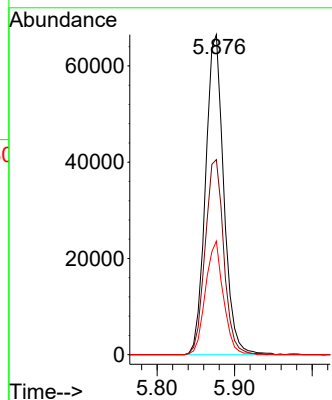
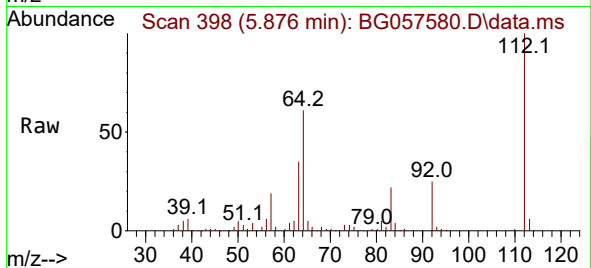
#5
2-Fluorophenol
Concen: 116.528 ng
RT: 5.876 min Scan# 398
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :
BNA_G
ClientSampleId :
PB153043BS

Tgt Ion:112 Resp: 108530
Ion Ratio Lower Upper
112 100
64 60.9 49.4 74.2
63 35.5 31.6 47.4

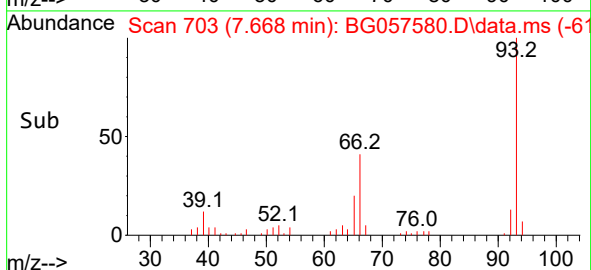
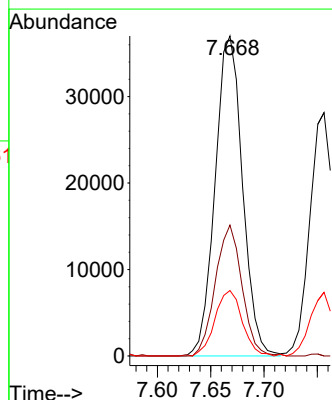
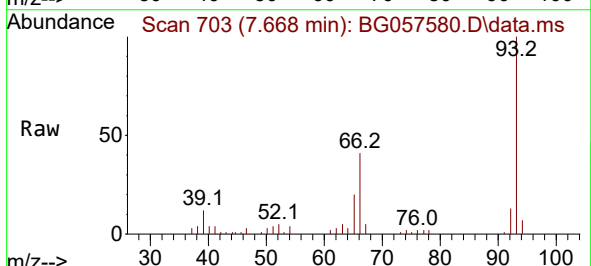
Manual Integrations
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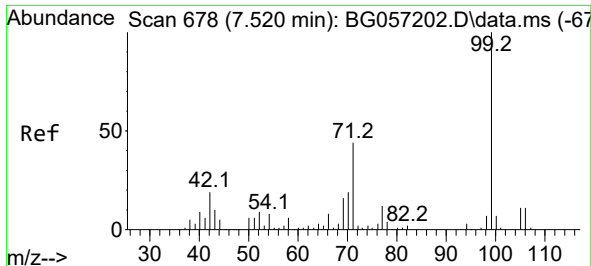
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#6
Aniline
Concen: 36.756 ng
RT: 7.668 min Scan# 703
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

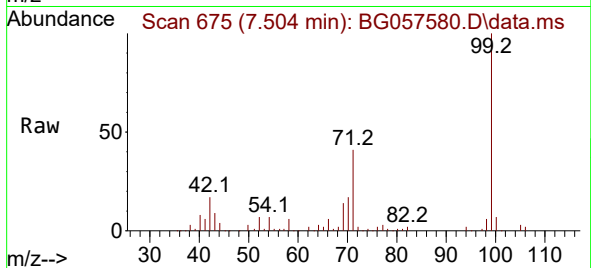
Tgt Ion: 93 Resp: 65946
Ion Ratio Lower Upper
93 100
66 40.9 33.0 49.6
65 20.5 18.0 27.0





#7
Phenol-d6
Concen: 115.805 ng
RT: 7.504 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

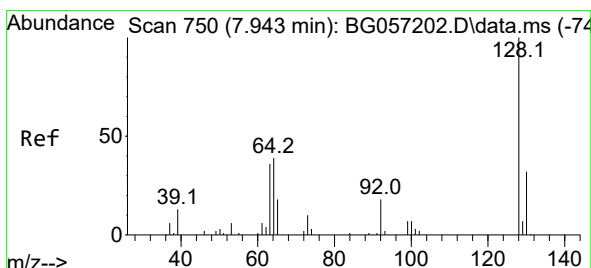
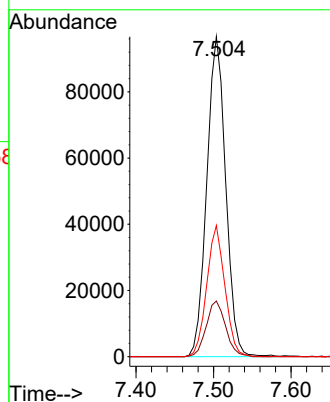
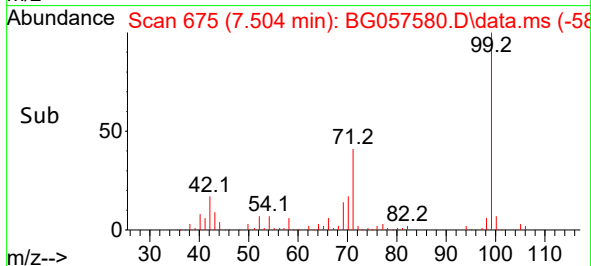
Instrument :
BNA_G
ClientSampleId :
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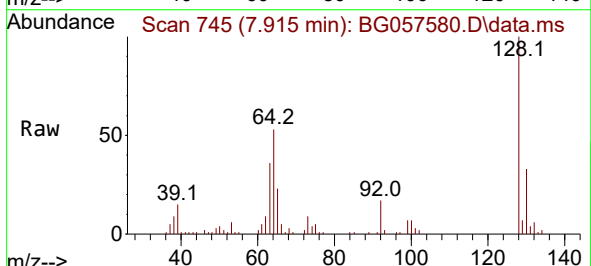
Tgt Ion: 99 Resp: 16378
Ion Ratio Lower Upper
99 100
42 17.4 15.1 22.7
71 41.0 35.2 52.8

Manual Integrations
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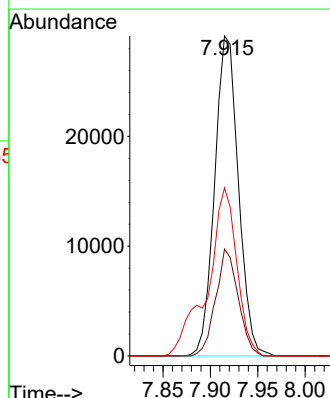
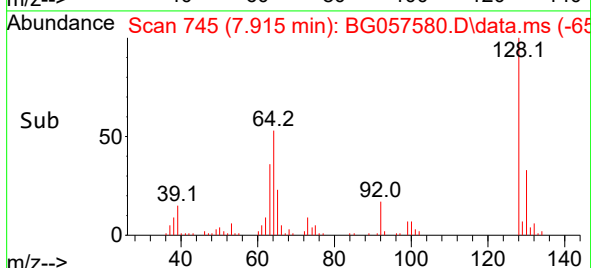
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

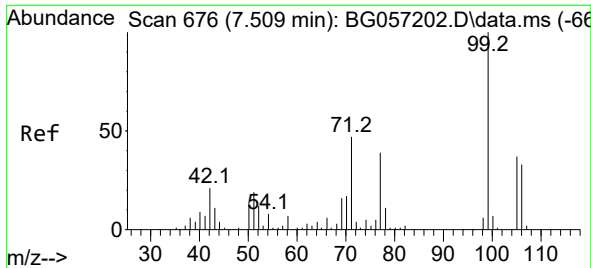


#8
2-Chlorophenol
Concen: 51.648 ng
RT: 7.915 min Scan# 745
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09



Tgt Ion:128 Resp: 50829
Ion Ratio Lower Upper
128 100
130 33.5 12.2 52.2
64 52.6 28.4 68.4





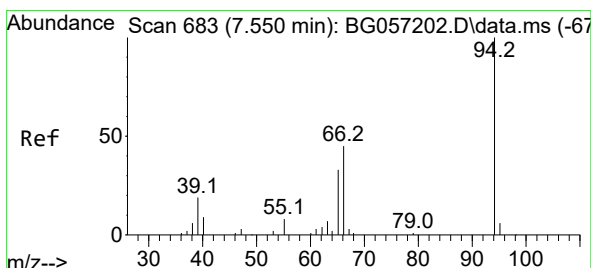
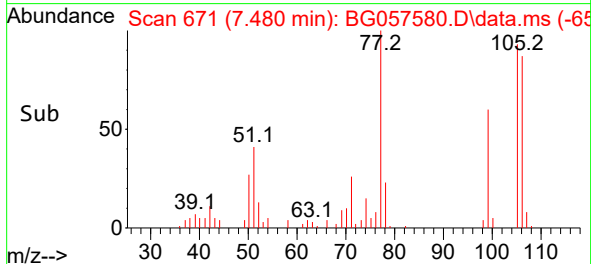
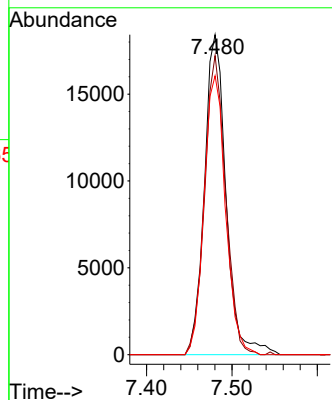
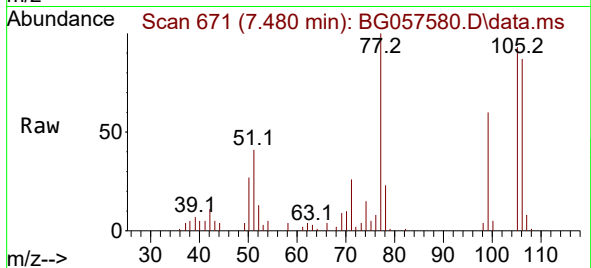
#9
Benzaldehyde
Concen: 43.731 ng
RT: 7.480 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :
BNA_G
ClientSampleId :
PB153043BS

Tgt Ion: 77 Resp: 3231
Ion Ratio Lower Upper
77 100
105 93.4 74.6 114.6
106 87.2 66.3 106.3

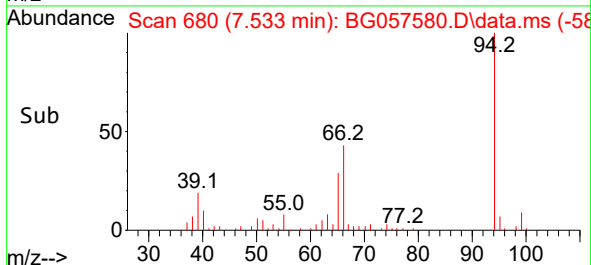
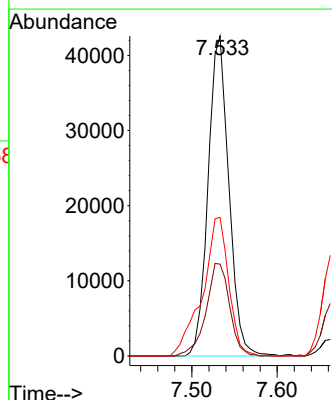
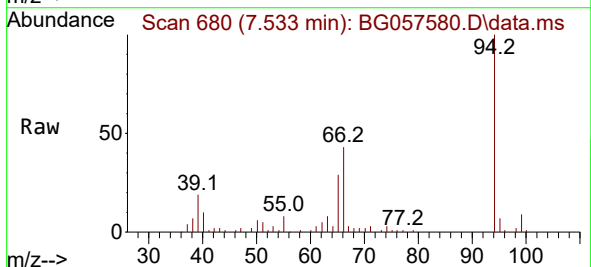
Manual Integrations
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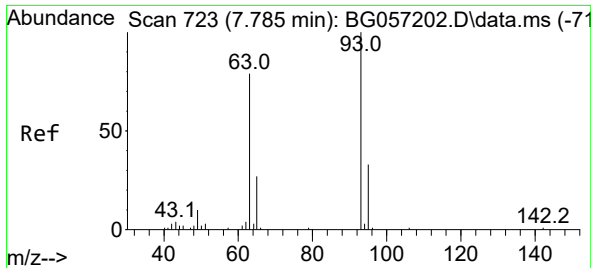
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#10
Phenol
Concen: 52.207 ng
RT: 7.533 min Scan# 680
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

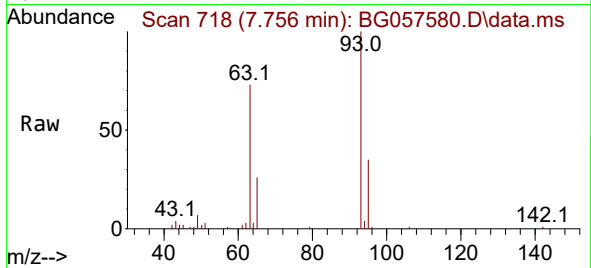
Tgt Ion: 94 Resp: 71978
Ion Ratio Lower Upper
94 100
65 28.7 13.5 53.5
66 43.3 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 43.028 ng
RT: 7.756 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

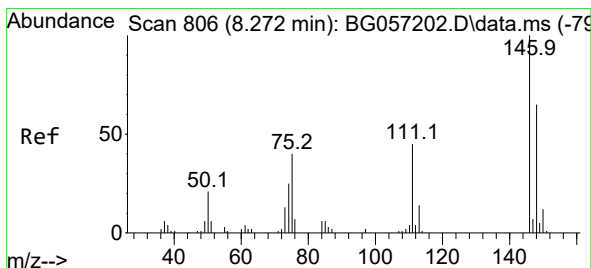
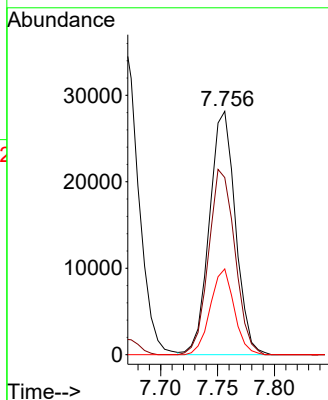
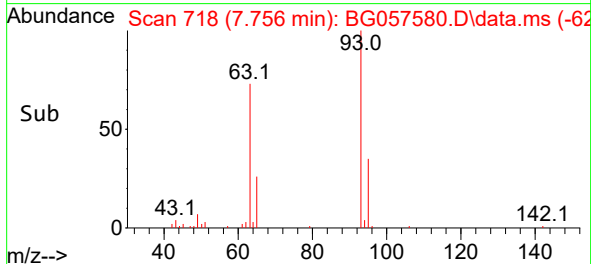
Instrument :
BNA_G
ClientSampleId :
PB153043BS



Tgt Ion: 93 Resp: 4473
Ion Ratio Lower Upper
93 100
63 72.8 58.6 98.6
95 35.2 12.2 52.2

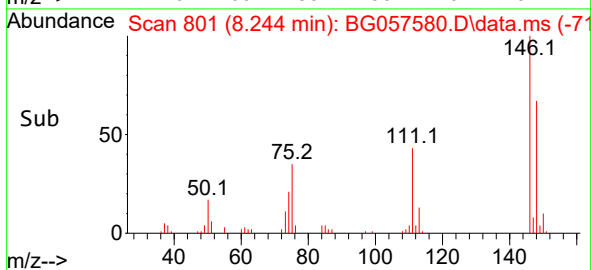
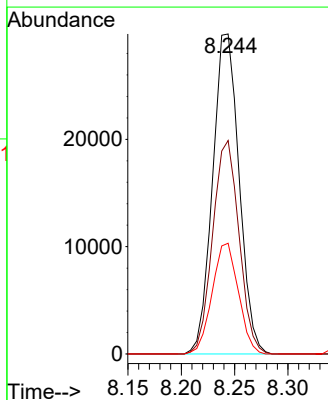
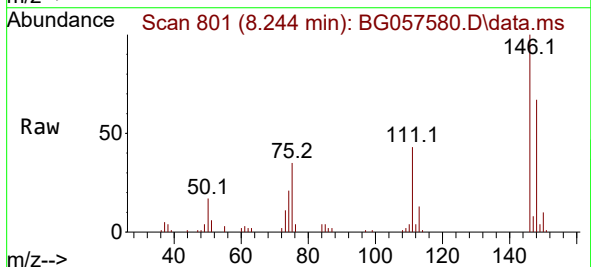
Manual Integrations
APPROVED

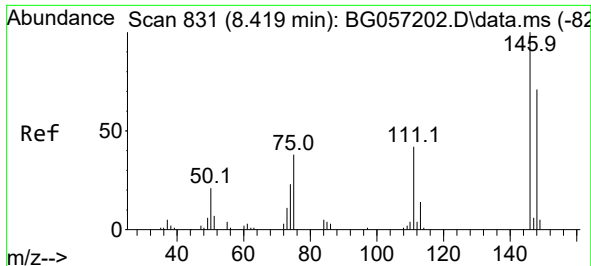
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#12
1,3-Dichlorobenzene
Concen: 47.423 ng
RT: 8.244 min Scan# 801
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Tgt Ion:146 Resp: 51511
Ion Ratio Lower Upper
146 100
148 66.7 52.2 78.2
75 34.6 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 48.118 ng

RT: 8.391 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG057580.D

Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

PB153043BS

Tgt Ion:146 Resp: 52495

Ion Ratio Lower Upper

146 100

148 65.2 56.4 84.6

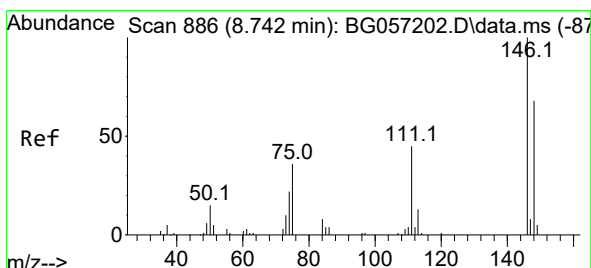
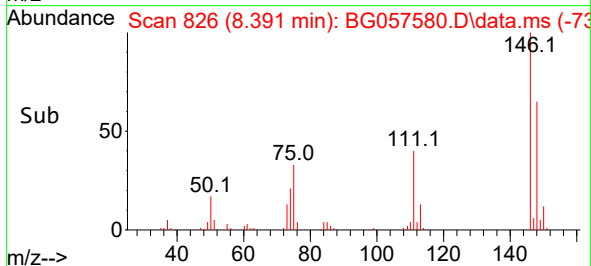
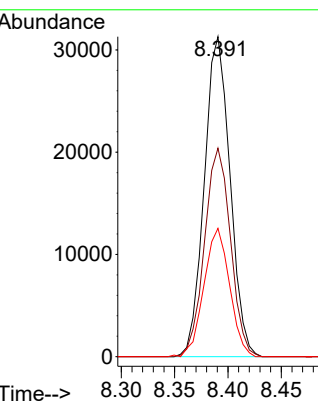
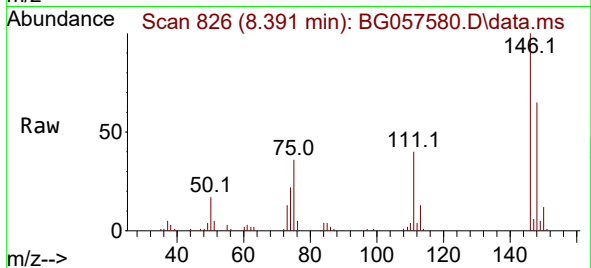
111 40.1 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#14

1,2-Dichlorobenzene

Concen: 47.333 ng

RT: 8.714 min Scan# 881

Delta R.T. -0.002 min

Lab File: BG057580.D

Acq: 26 May 2023 11:09

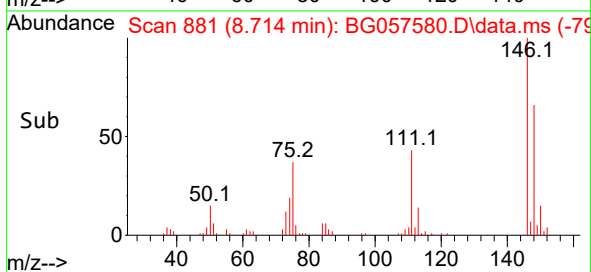
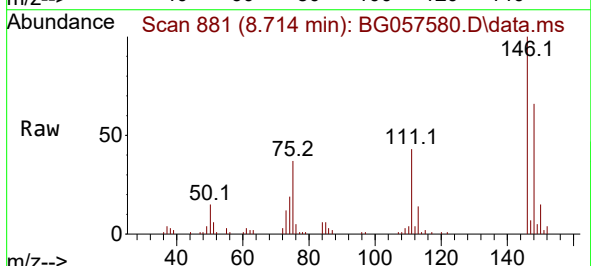
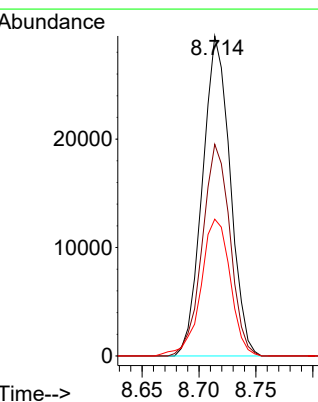
Tgt Ion:146 Resp: 49855

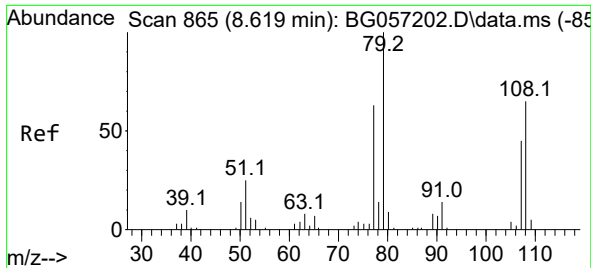
Ion Ratio Lower Upper

146 100

148 66.2 54.6 82.0

111 42.7 37.2 55.8





#15
Benzyl Alcohol
Concen: 46.738 ng
RT: 8.596 min Scan# 80
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :

BNA_G

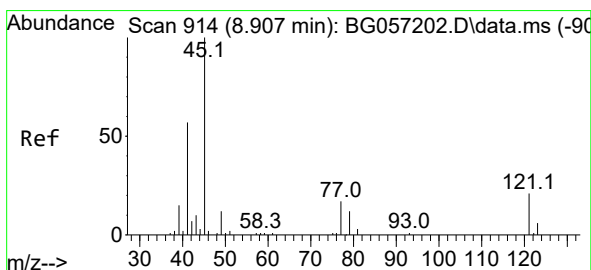
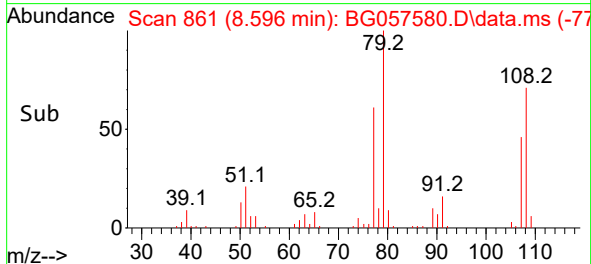
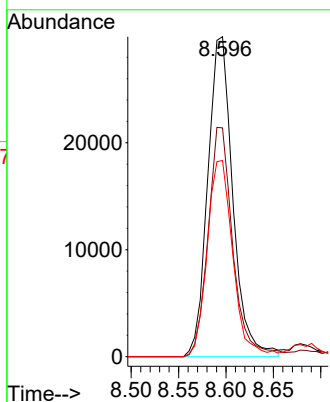
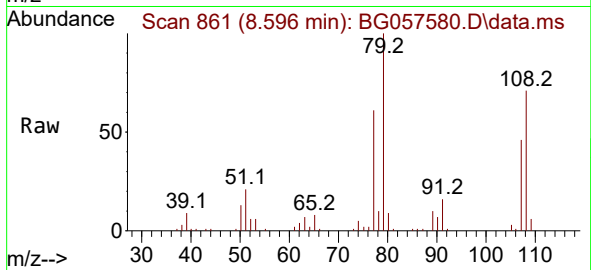
ClientSampleId :

PB153043BS

Tgt Ion: 79 Resp: 5506
Ion Ratio Lower Upper
79 100
108 71.5 52.2 78.2
77 61.3 50.1 75.1

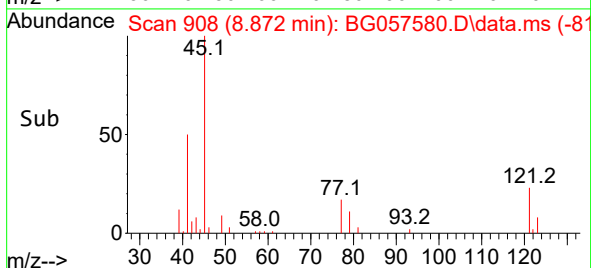
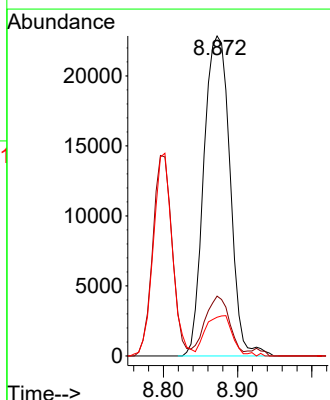
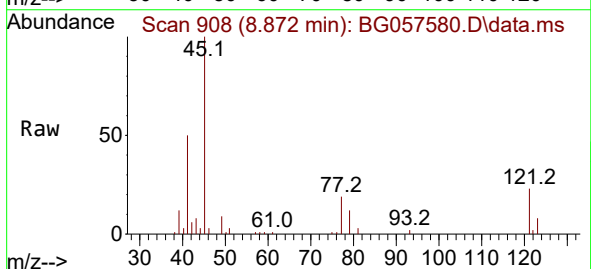
Manual Integrations
APPROVED

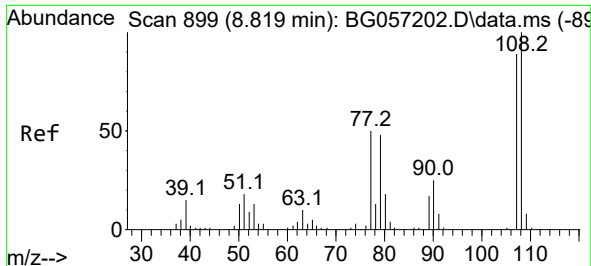
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.806 ng
RT: 8.872 min Scan# 908
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Tgt Ion: 45 Resp: 56090
Ion Ratio Lower Upper
45 100
77 18.7 0.0 38.5
79 12.1 0.0 33.8





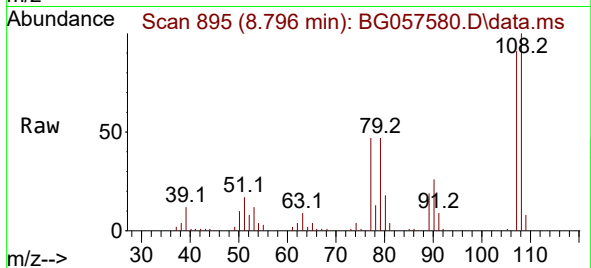
#17
2-Methylphenol
Concen: 49.353 ng
RT: 8.796 min Scan# 899
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

PB153043BS

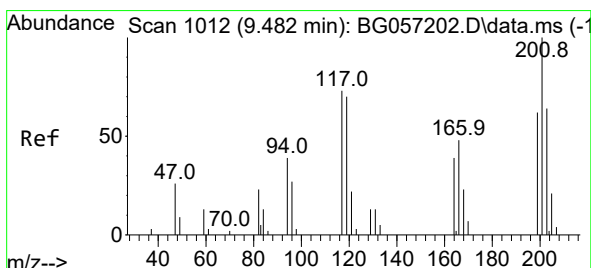
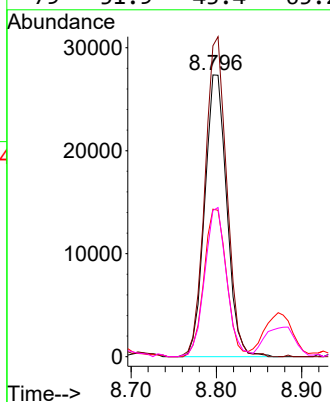
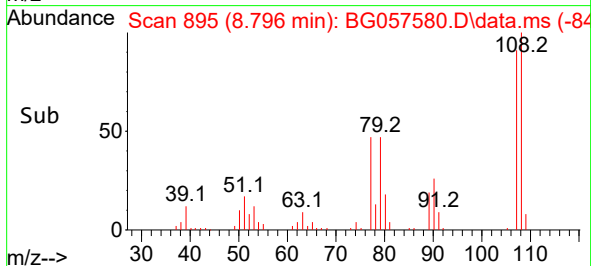


Tgt Ion:107 Resp: 49049
Ion Ratio Lower Upper
107 100
108 110.4 89.5 134.3
77 52.3 45.1 67.7
79 51.9 43.4 65.2

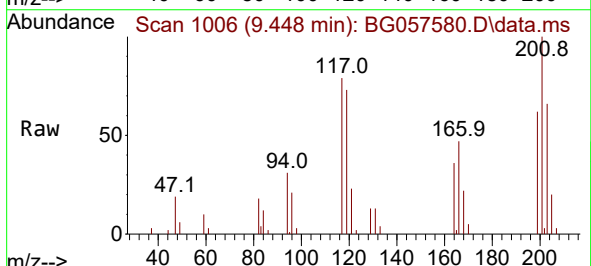
Manual Integrations

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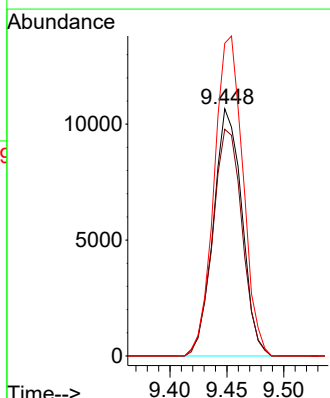
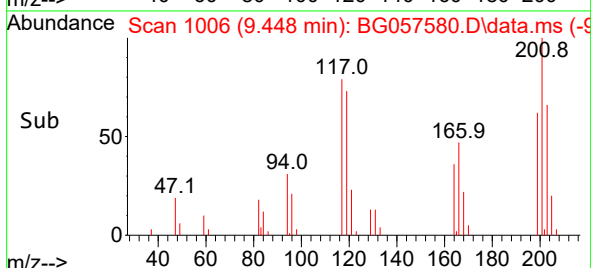
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

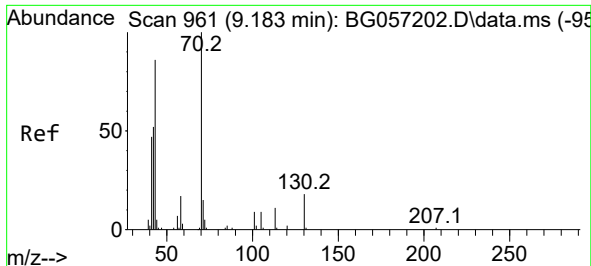


#18
Hexachloroethane
Concen: 47.204 ng
RT: 9.448 min Scan# 1006
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09



Tgt Ion:117 Resp: 18586
Ion Ratio Lower Upper
117 100
119 91.7 76.7 115.1
201 126.4 109.0 163.4





#19

n-Nitroso-di-n-propylamine

Concen: 40.329 ng

RT: 9.160 min Scan# 91

Delta R.T. 0.004 min

Lab File: BG057580.D

Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

PB153043BS

Tgt Ion: 70 Resp: 4349

Ion Ratio Lower Upper

70 100

42 51.3 41.8 62.8

101 9.1 6.8 10.2

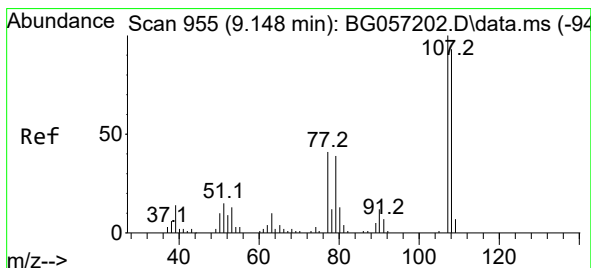
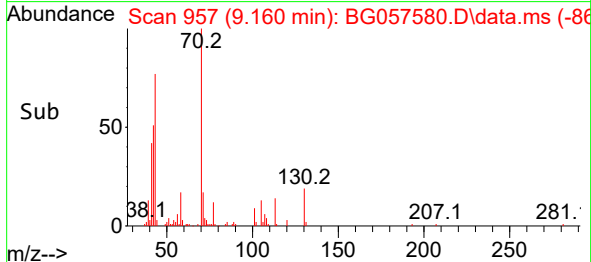
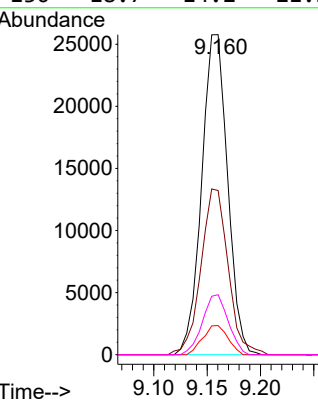
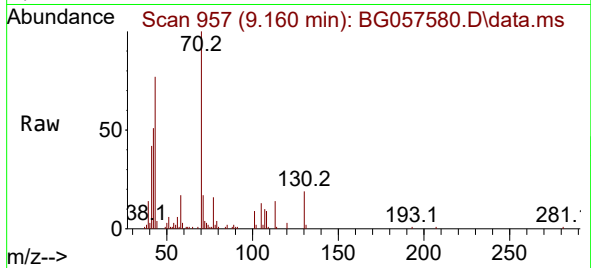
130 18.7 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#20

3+4-Methylphenols

Concen: 50.857 ng

RT: 9.131 min Scan# 952

Delta R.T. 0.004 min

Lab File: BG057580.D

Acq: 26 May 2023 11:09

Tgt Ion:107 Resp: 69208

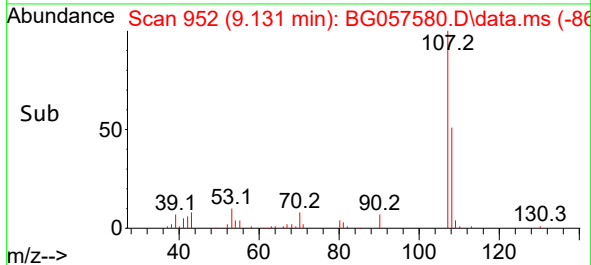
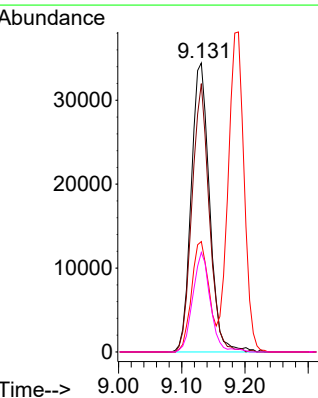
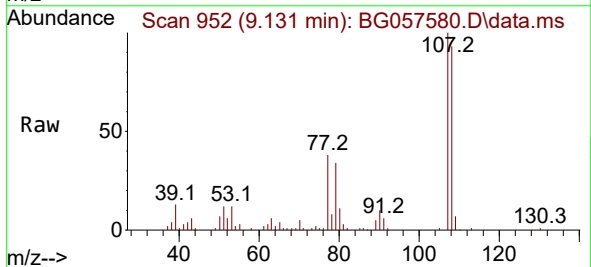
Ion Ratio Lower Upper

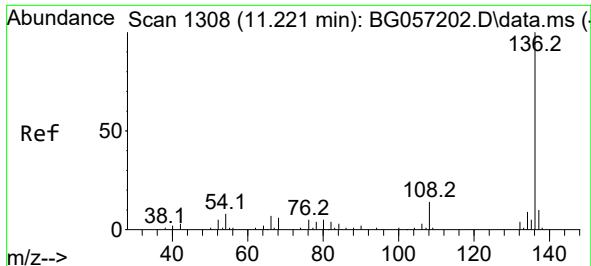
107 100

108 92.9 73.5 113.5

77 38.2 21.1 61.1

79 34.5 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.193 min Scan# 111
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

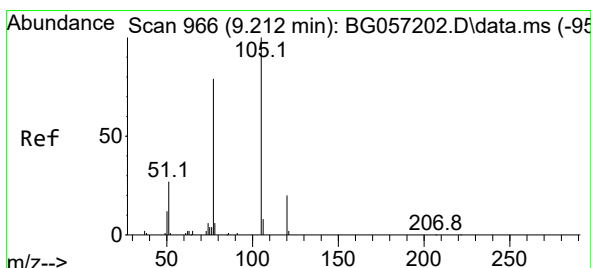
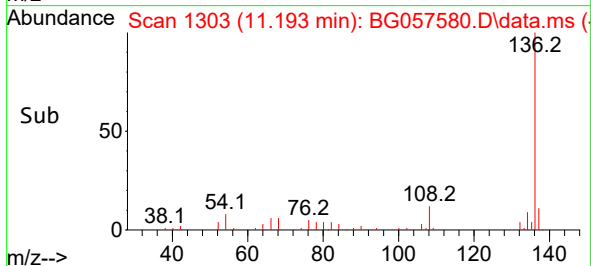
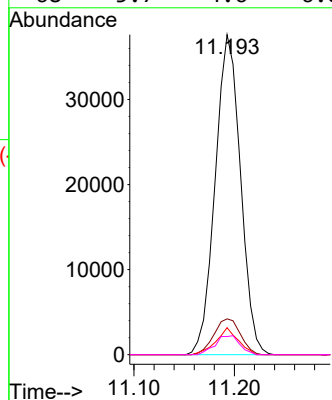
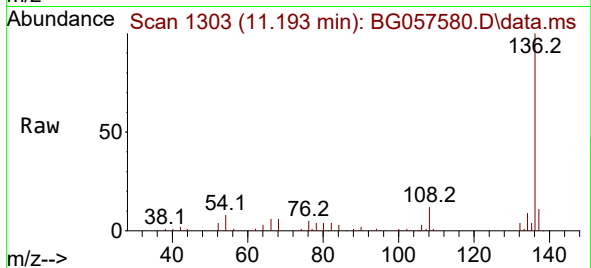
PB153043BS

Tgt Ion:136 Resp: 65820
Ion Ratio Lower Upper
136 100
137 11.2 8.3 12.5
54 8.4 6.7 10.1
68 5.7 4.6 6.8

Manual Integrations

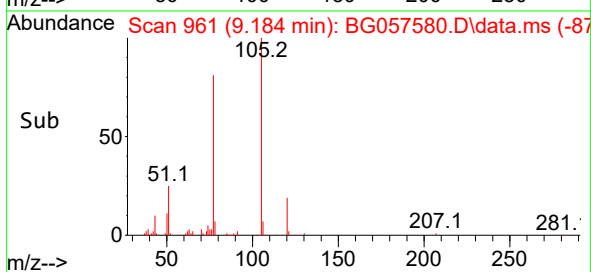
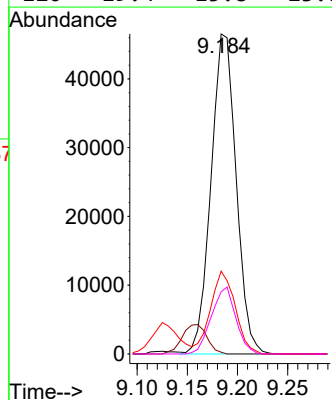
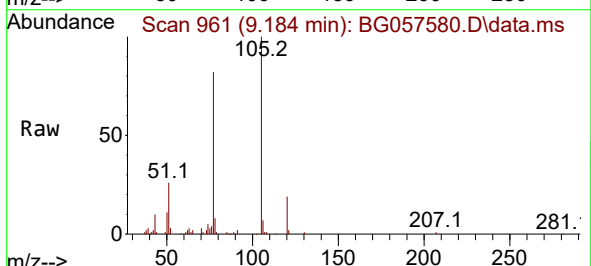
APPROVED

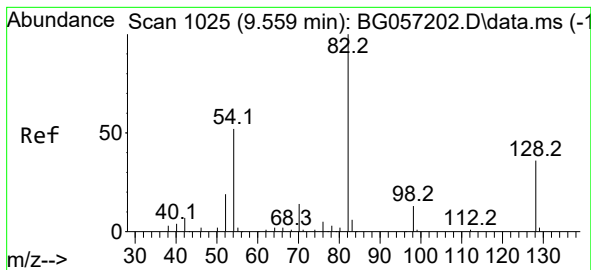
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#22
Acetophenone
Concen: 43.026 ng
RT: 9.184 min Scan# 961
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Tgt Ion:105 Resp: 81063
Ion Ratio Lower Upper
105 100
71 0.5 0.4 0.6
51 25.9 24.0 36.0
120 19.4 15.8 23.8





#23

Nitrobenzene-d5

Concen: 63.835 ng

RT: 9.536 min Scan# 1021

Delta R.T. -0.002 min

Lab File: BG057580.D

Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

PB153043BS

Tgt Ion: 82 Resp: 10011

Ion Ratio Lower Upper

82 100

128 37.8 29.0 43.4

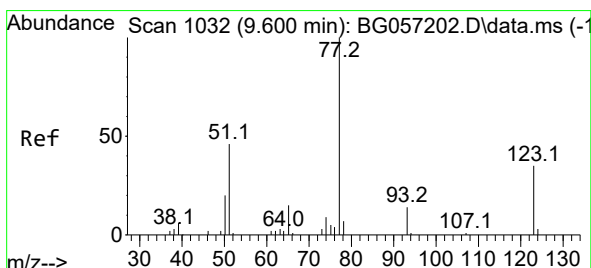
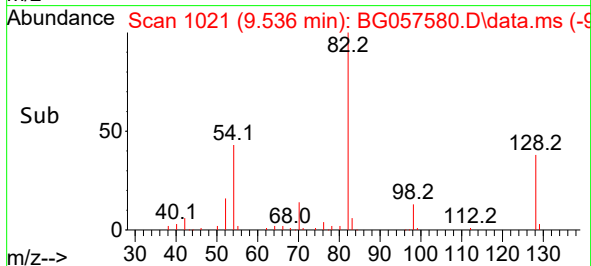
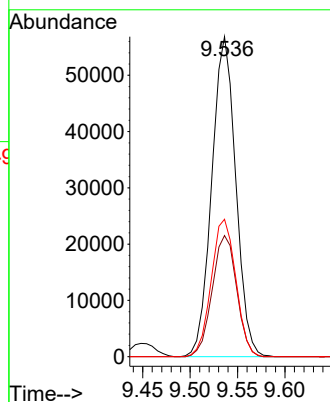
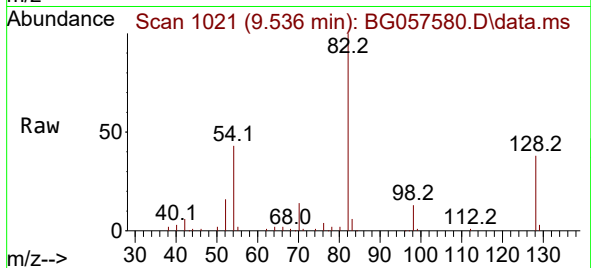
54 43.0 41.4 62.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#24

Nitrobenzene

Concen: 40.927 ng

RT: 9.577 min Scan# 1028

Delta R.T. -0.002 min

Lab File: BG057580.D

Acq: 26 May 2023 11:09

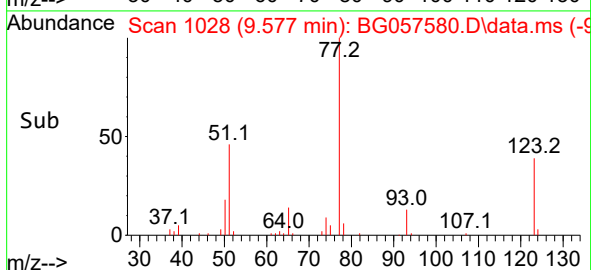
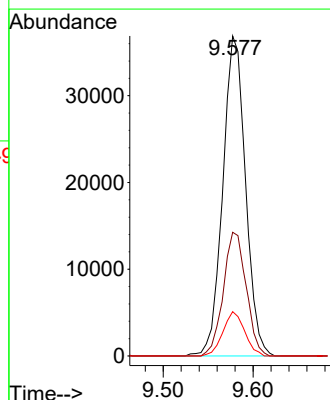
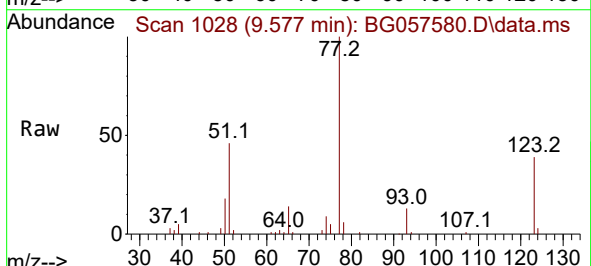
Tgt Ion: 77 Resp: 64787

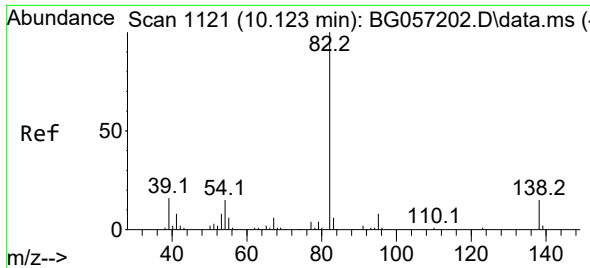
Ion Ratio Lower Upper

77 100

123 38.7 28.2 42.2

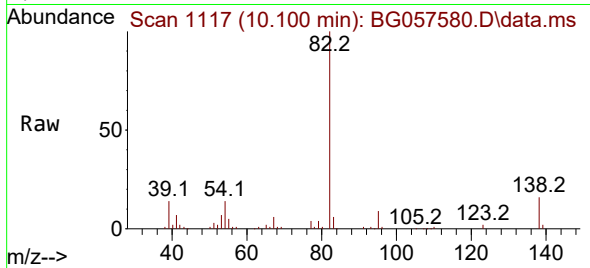
65 13.8 11.7 17.5





#25
Isophorone
Concen: 39.802 ng
RT: 10.100 min Scan# 1117
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

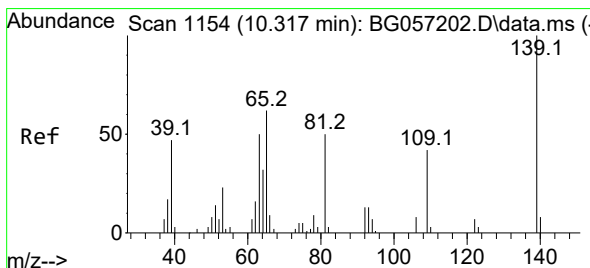
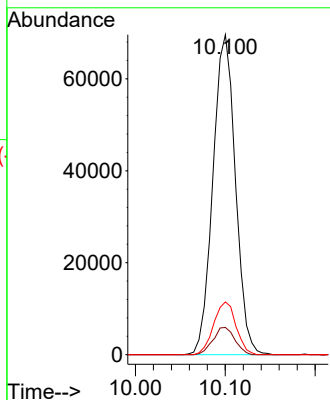
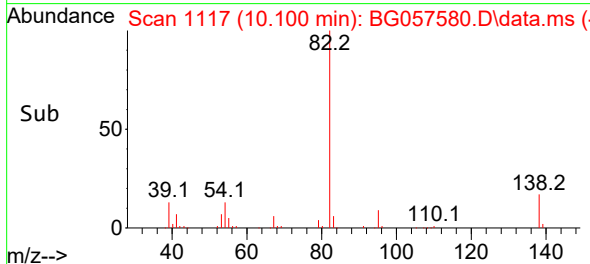
Instrument :
BNA_G
ClientSampleId :
PB153043BS



Tgt Ion: 82 Resp: 121040
Ion Ratio Lower Upper
82 100
95 8.5 6.4 9.6
138 16.5 12.3 18.5

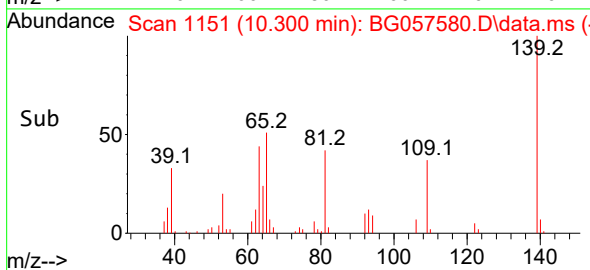
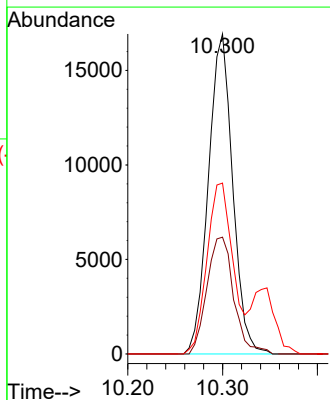
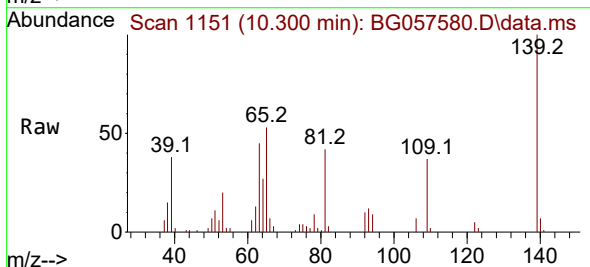
Manual Integrations
APPROVED

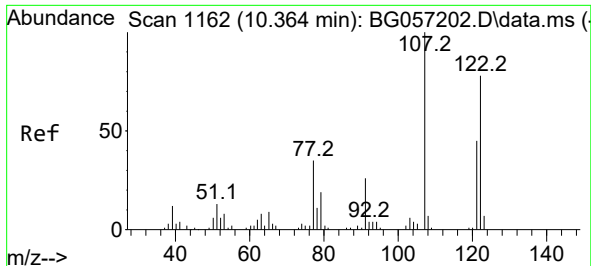
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#26
2-Nitrophenol
Concen: 49.563 ng
RT: 10.300 min Scan# 1151
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Tgt Ion:139 Resp: 30032
Ion Ratio Lower Upper
139 100
109 36.5 33.4 50.2
65 53.4 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 52.325 ng

RT: 10.341 min Scan# 1158

Delta R.T. -0.002 min

Lab File: BG057580.D

Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

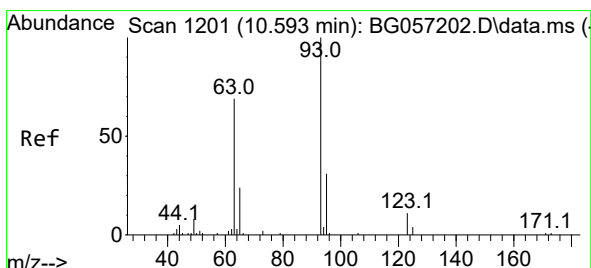
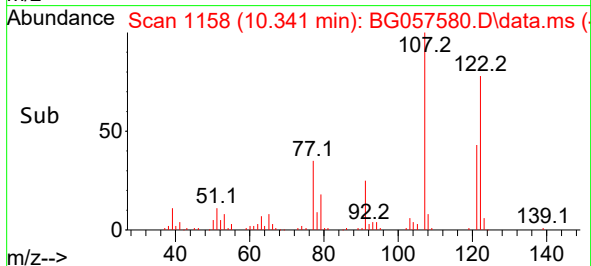
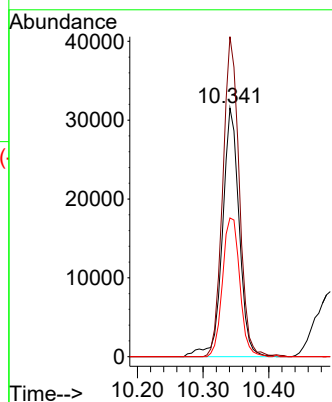
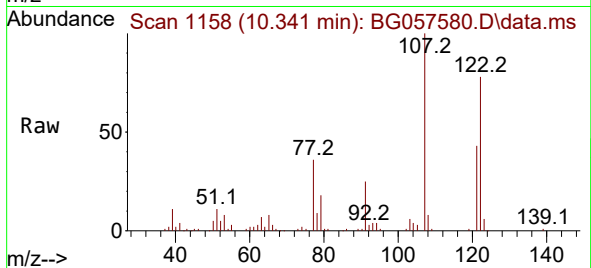
PB153043BS

Tgt Ion:	122	Resp:	5551
Ion	Ratio	Lower	Upper
122	100		
107	128.7	103.0	154.4
121	55.8	45.9	68.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.956 ng

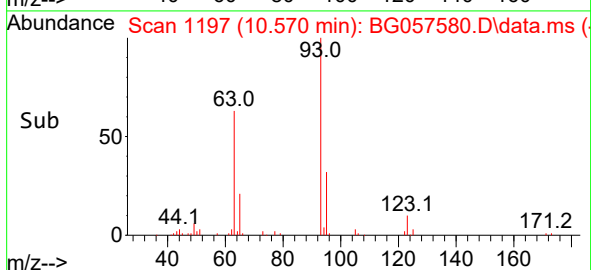
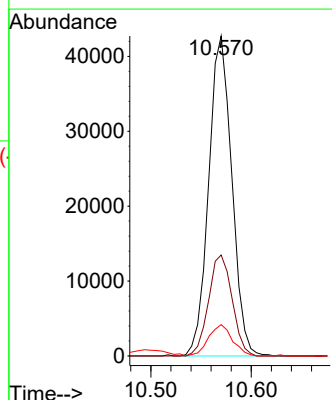
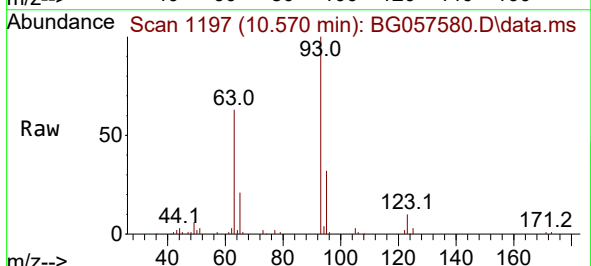
RT: 10.570 min Scan# 1197

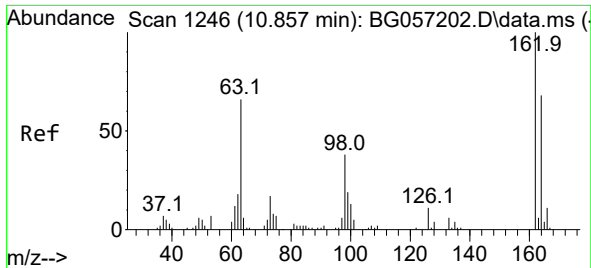
Delta R.T. -0.002 min

Lab File: BG057580.D

Acq: 26 May 2023 11:09

Tgt Ion:	93	Resp:	68495
Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.0	37.6
123	9.8	8.5	12.7





#29

2,4-Dichlorophenol

Concen: 53.142 ng

RT: 10.840 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG057580.D

Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

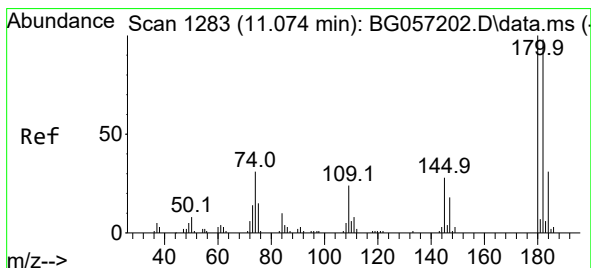
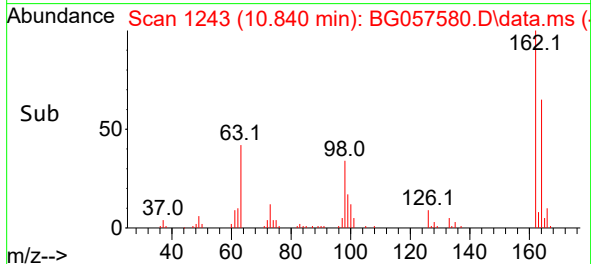
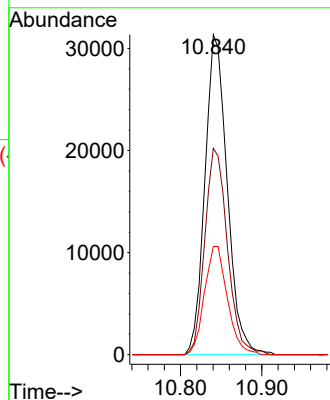
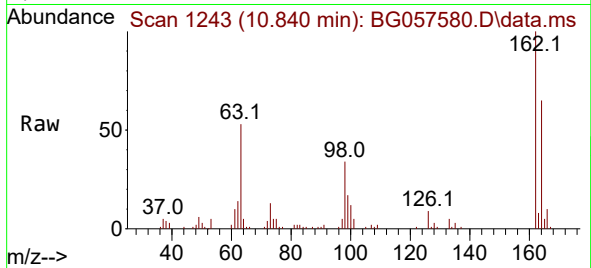
PB153043BS

Tgt Ion:162	Resp:	5980
Ion Ratio	Lower	Upper
162	100	
164	64.5	48.4 88.4
98	33.8	17.6 57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.866 ng

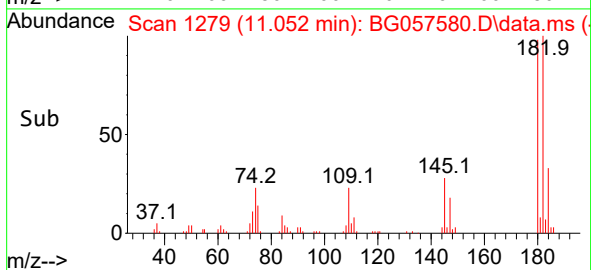
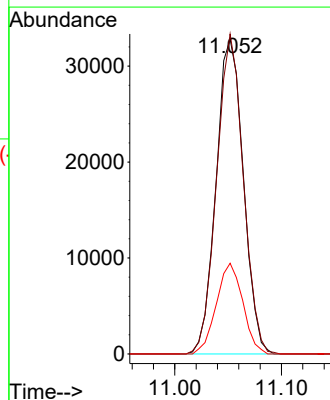
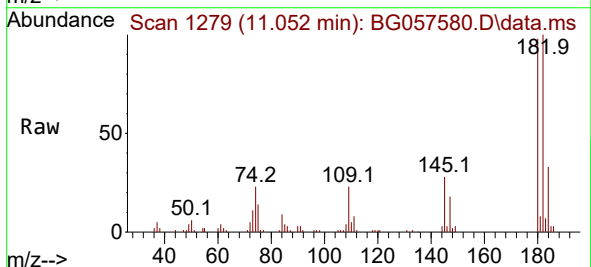
RT: 11.052 min Scan# 1279

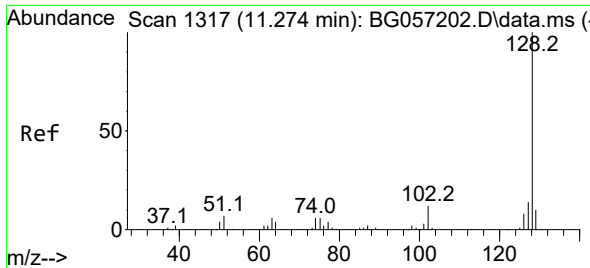
Delta R.T. -0.002 min

Lab File: BG057580.D

Acq: 26 May 2023 11:09

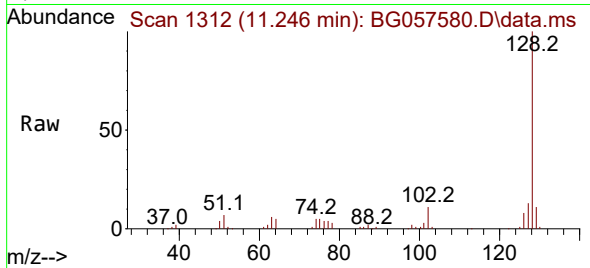
Tgt Ion:180	Resp:	58234
Ion Ratio	Lower	Upper
180	100	
182	101.7	78.0 117.0
145	28.8	22.4 33.6





#31
Naphthalene
Concen: 44.943 ng
RT: 11.246 min Scan# 1185
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

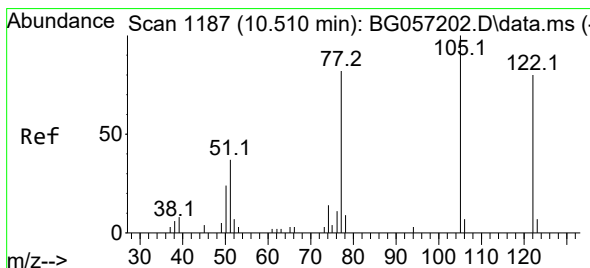
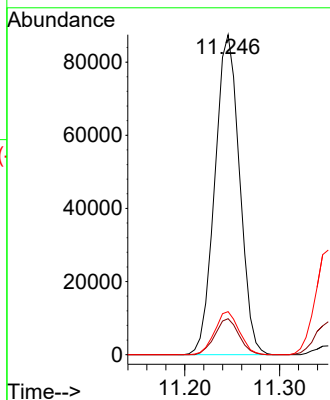
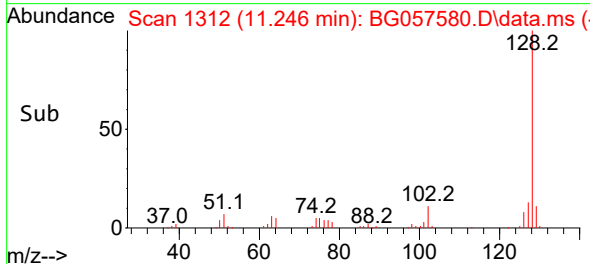
Instrument :
BNA_G
ClientSampleId :
PB153043BS



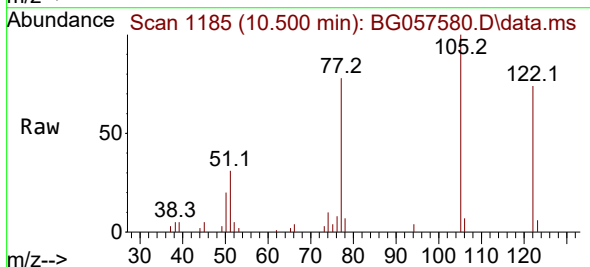
Tgt Ion:128 Resp: 15816
Ion Ratio Lower Upper
128 100
129 11.2 8.3 12.5
127 13.5 11.1 16.7

Manual Integrations
APPROVED

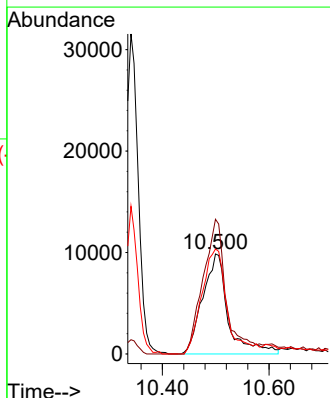
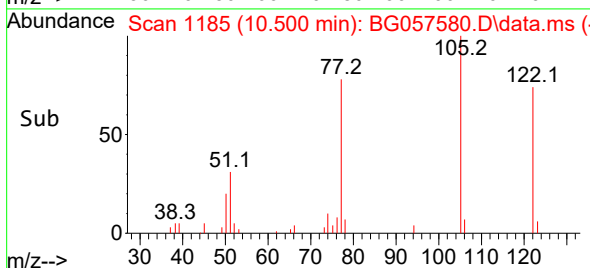
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

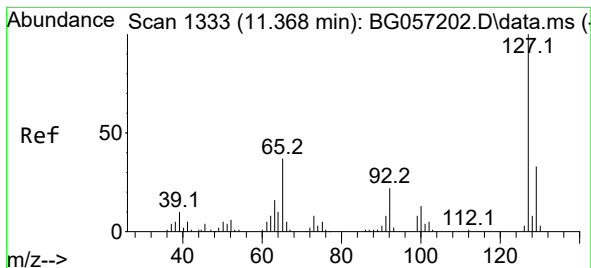


#32
Benzoic acid
Concen: 52.739 ng
RT: 10.500 min Scan# 1185
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09



Tgt Ion:122 Resp: 32583
Ion Ratio Lower Upper
122 100
105 134.7 105.2 145.2
77 104.9 83.1 123.1





#33
4-Chloroaniline
Concen: 38.104 ng
RT: 11.351 min Scan# 1133
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

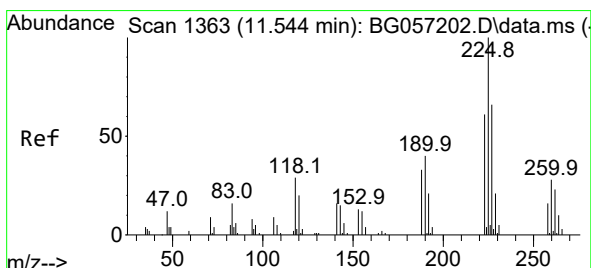
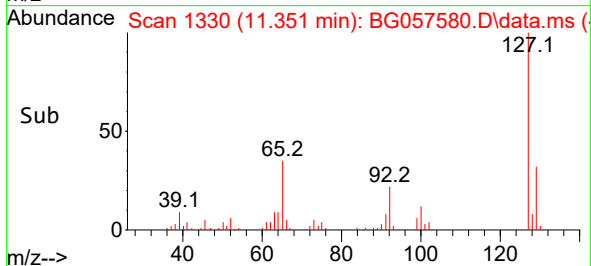
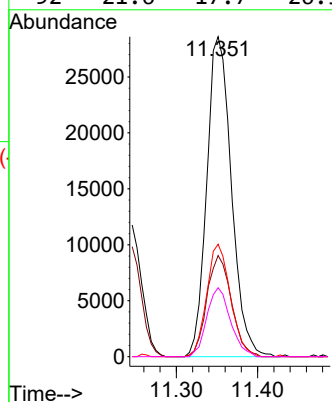
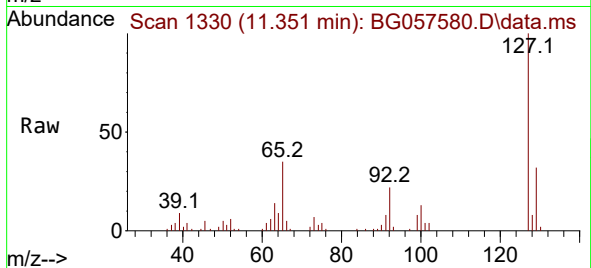
PB153043BS

Tgt Ion:127 Resp: 60219
Ion Ratio Lower Upper
127 100
129 31.6 26.7 40.1
65 35.1 29.7 44.5
92 21.6 17.7 26.5

Manual Integrations

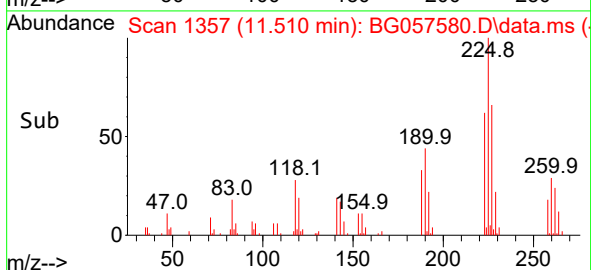
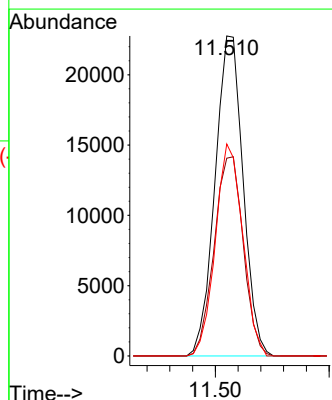
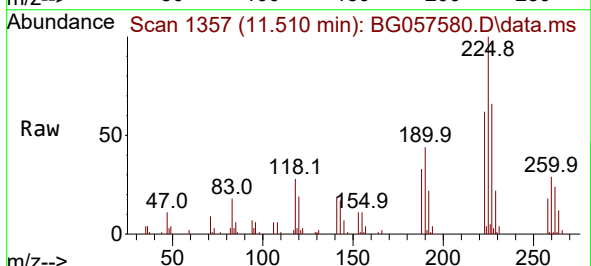
APPROVED

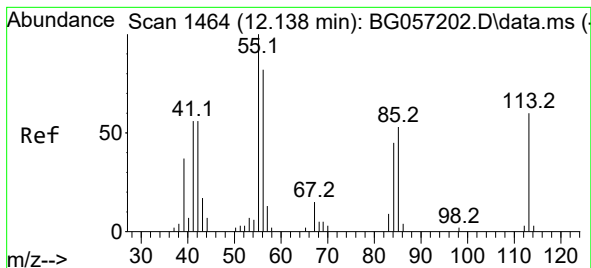
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#34
Hexachlorobutadiene
Concen: 40.482 ng
RT: 11.510 min Scan# 1357
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

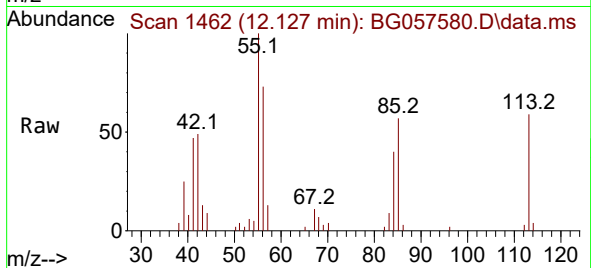
Tgt Ion:225 Resp: 38988
Ion Ratio Lower Upper
225 100
223 61.8 48.6 72.8
227 66.3 52.7 79.1





#35
 Caprolactam
 Concen: 54.586 ng m
 RT: 12.127 min Scan# 1462
 Delta R.T. -0.002 min
 Lab File: BG057580.D
 Acq: 26 May 2023 11:09

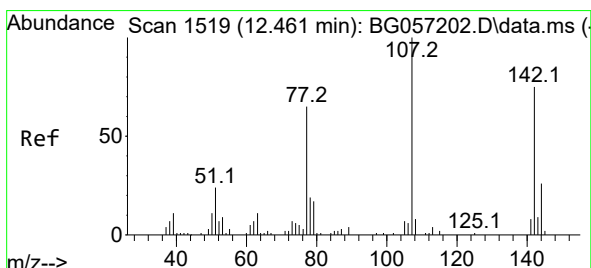
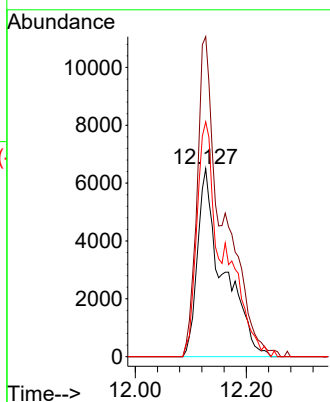
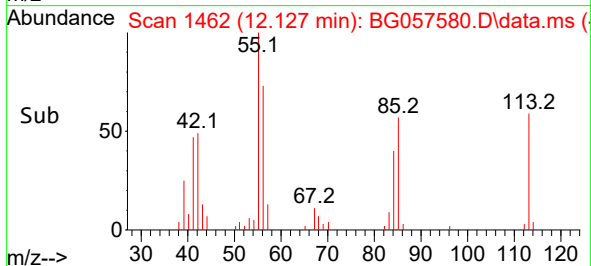
Instrument :
 BNA_G
 ClientSampleId :
 PB153043BS



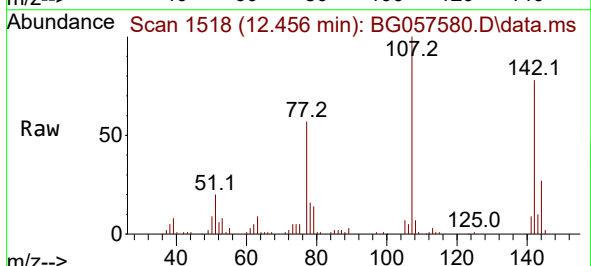
Tgt Ion:113 Resp: 2098
 Ion Ratio Lower Upper
 113 100
 55 170.3 145.5 185.5
 56 125.0 115.9 155.9

Manual Integrations
 APPROVED

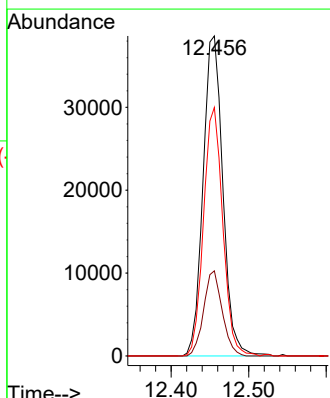
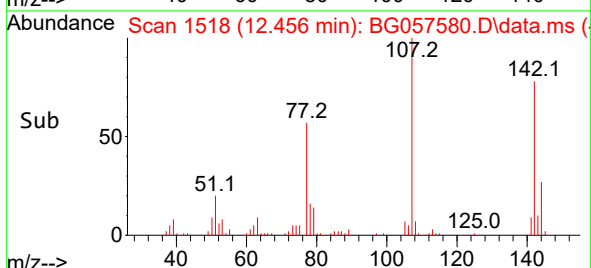
Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Jagrut Upadhyay 05/31/2023

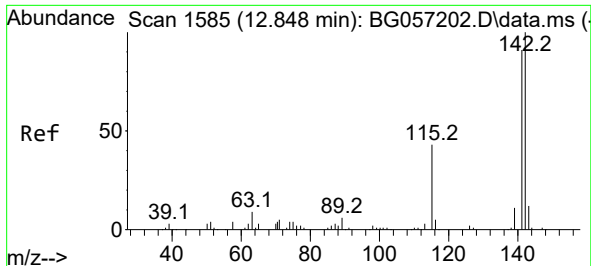


#36
 4-Chloro-3-methylphenol
 Concen: 53.512 ng
 RT: 12.456 min Scan# 1518
 Delta R.T. 0.004 min
 Lab File: BG057580.D
 Acq: 26 May 2023 11:09



Tgt Ion:107 Resp: 68433
 Ion Ratio Lower Upper
 107 100
 144 26.6 21.0 31.6
 142 77.7 60.0 90.0





#37

2-Methylnaphthalene

Concen: 44.603 ng

RT: 12.826 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG057580.D

Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

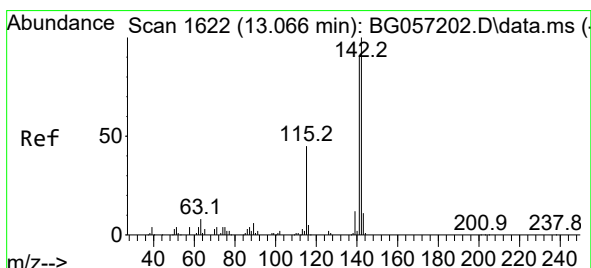
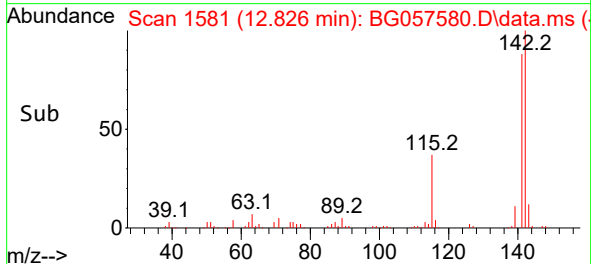
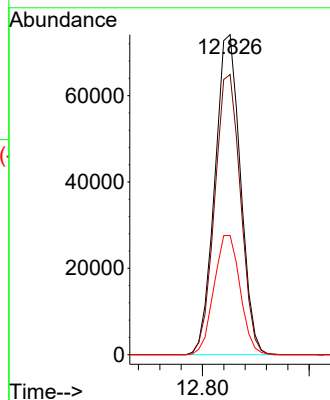
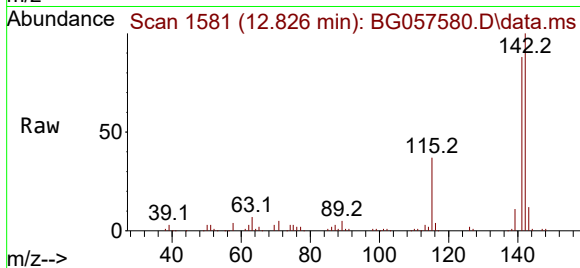
PB153043BS

Tgt Ion:	142	Resp:	12341
Ion Ratio	Lower	Upper	
142	100		
141	87.6	73.1	109.7
115	37.3	34.6	52.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#38

1-Methylnaphthalene

Concen: 44.827 ng

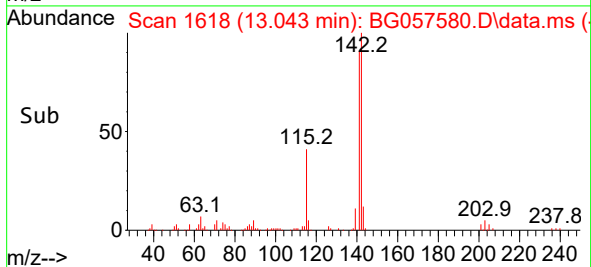
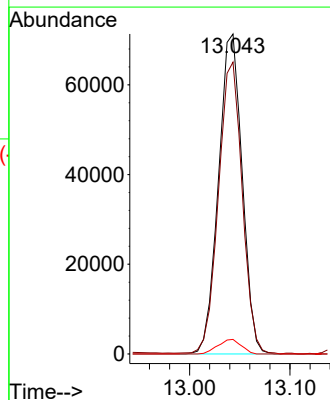
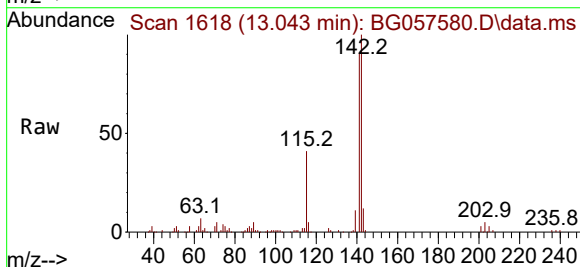
RT: 13.043 min Scan# 1618

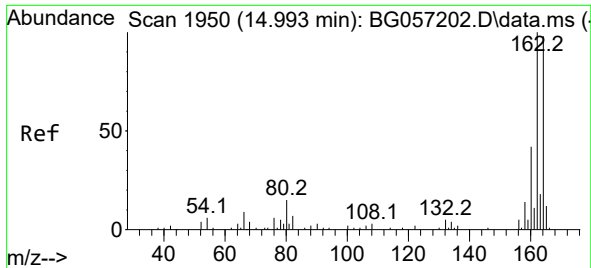
Delta R.T. 0.004 min

Lab File: BG057580.D

Acq: 26 May 2023 11:09

Tgt Ion:	142	Resp:	116907
Ion Ratio	Lower	Upper	
142	100		
141	91.2	72.5	108.7
116	4.5	3.7	5.5





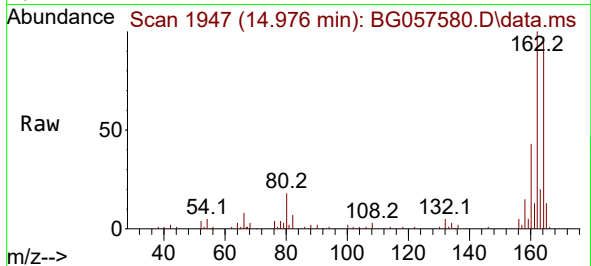
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.976 min Scan# 1947
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

PB153043BS

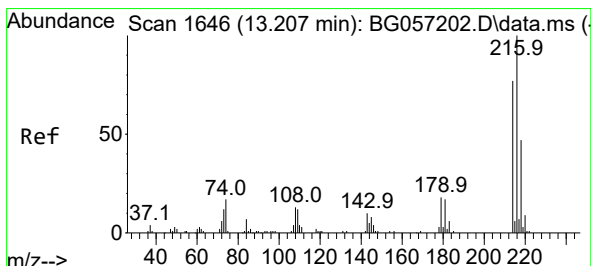
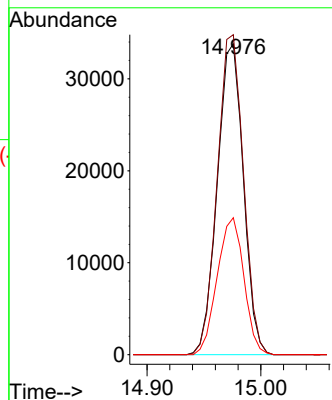
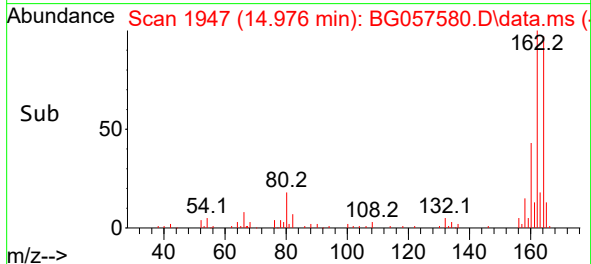


Tgt Ion:164 Resp: 5386
Ion Ratio Lower Upper
164 100
162 103.0 81.8 122.6
160 44.1 34.6 52.0

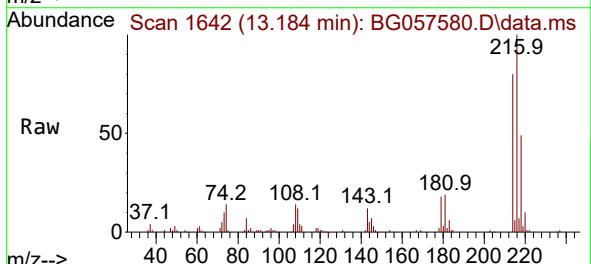
Manual Integrations

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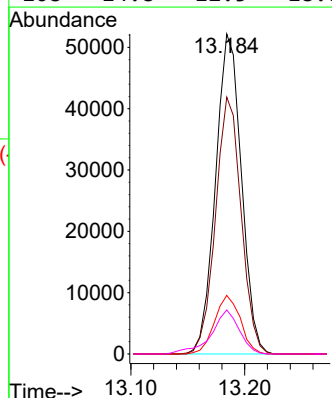
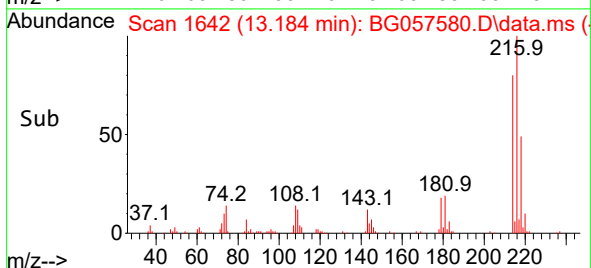
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

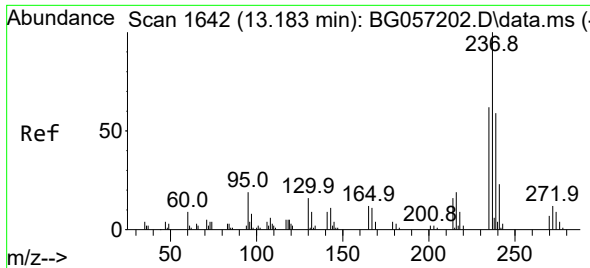


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.102 ng
RT: 13.184 min Scan# 1642
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09



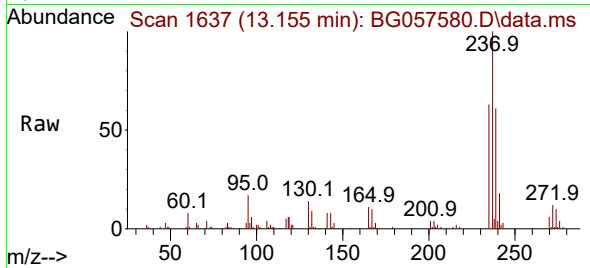
Tgt Ion:216 Resp: 82427
Ion Ratio Lower Upper
216 100
214 79.5 63.7 95.5
179 18.2 14.6 22.0
108 14.8 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 58.712 ng
RT: 13.155 min Scan# 10
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

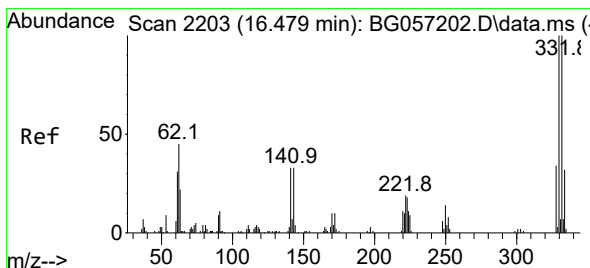
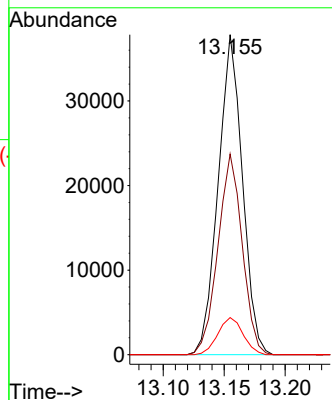
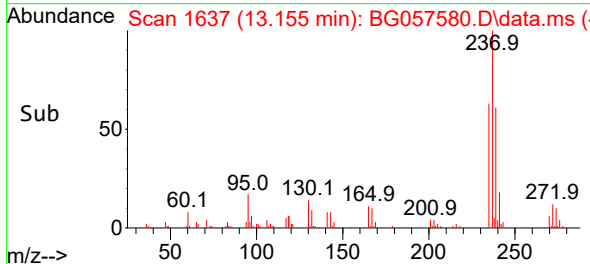
Instrument :
BNA_G
ClientSampleId :
PB153043BS



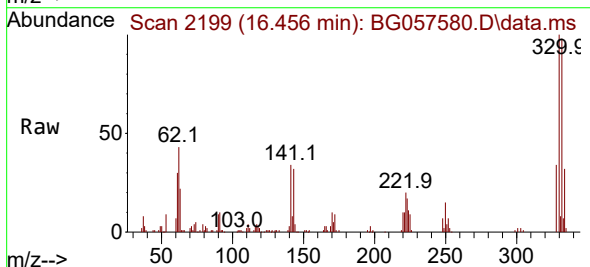
Tgt Ion:237 Resp: 52298
Ion Ratio Lower Upper
237 100
235 62.7 42.0 82.0
272 11.6 0.0 31.5

Manual Integrations
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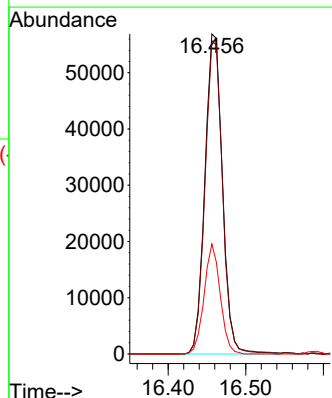
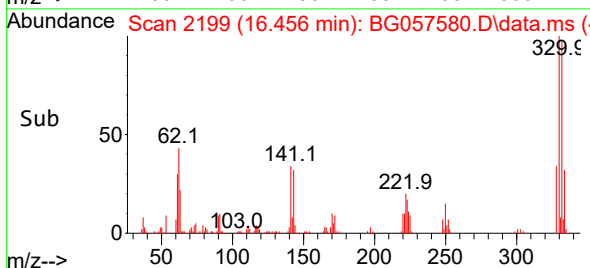
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

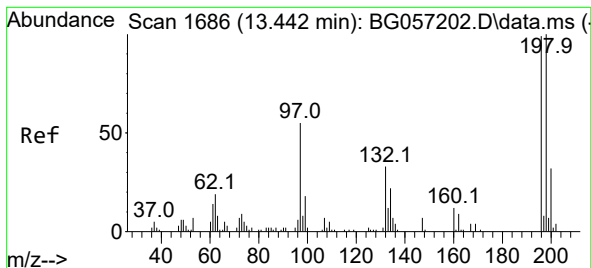


#42
2,4,6-Tribromophenol
Concen: 117.373 ng
RT: 16.456 min Scan# 2199
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09



Tgt Ion:330 Resp: 89712
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.2
141 31.3 27.8 41.8





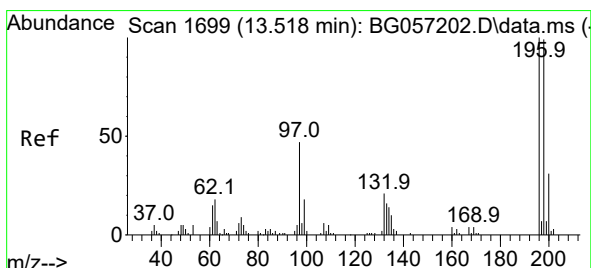
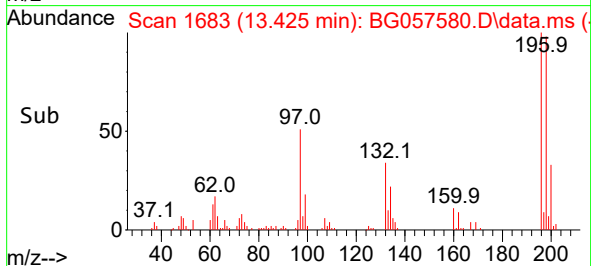
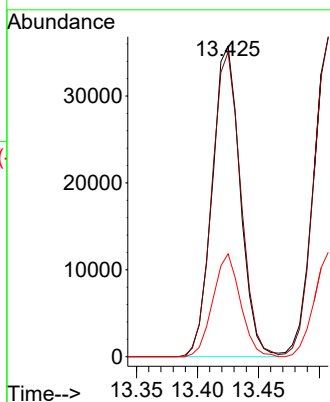
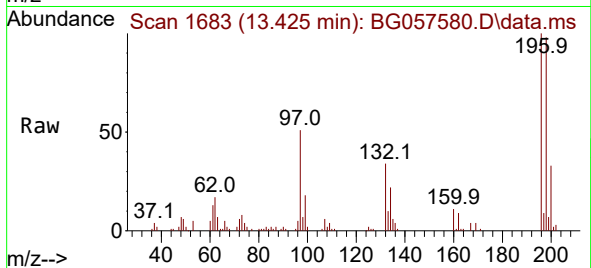
#43
2,4,6-Trichlorophenol
Concen: 49.052 ng
RT: 13.425 min Scan# 1683
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :
BNA_G
ClientSampleId :
PB153043BS

Tgt Ion:196 Resp: 57149
Ion Ratio Lower Upper
196 100
198 98.0 81.2 121.8
200 33.1 26.3 39.5

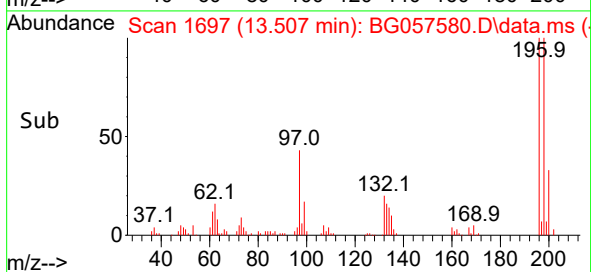
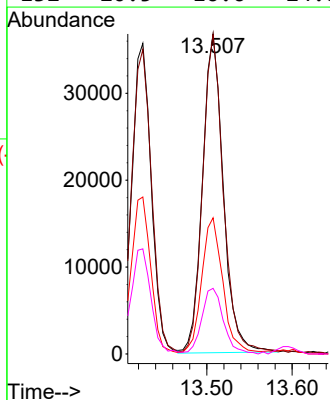
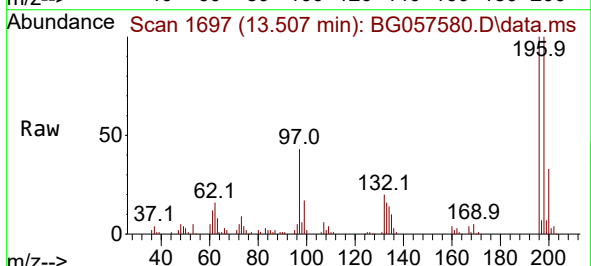
Manual Integrations
APPROVED

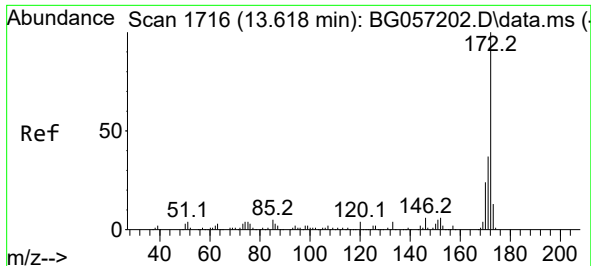
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#44
2,4,5-Trichlorophenol
Concen: 45.371 ng
RT: 13.507 min Scan# 1697
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Tgt Ion:196 Resp: 62179
Ion Ratio Lower Upper
196 100
198 99.8 79.4 119.2
97 42.5 37.0 55.4
132 20.5 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 67.000 ng
RT: 13.595 min Scan# 1716
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

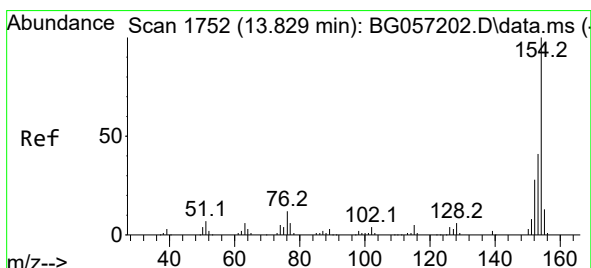
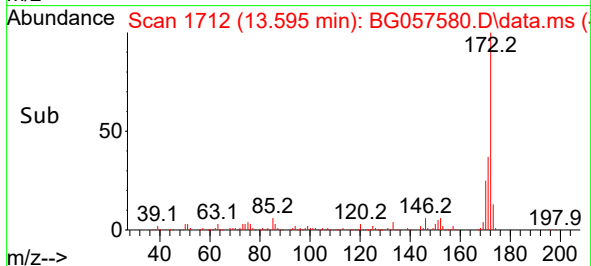
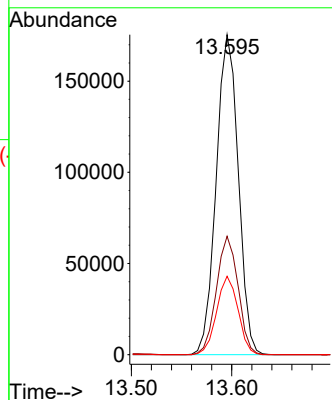
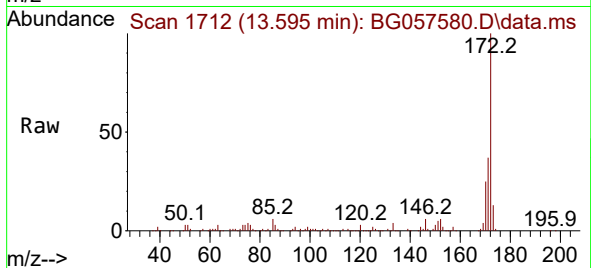
PB153043BS

Tgt Ion:172 Resp: 267980
Ion Ratio Lower Upper
172 100
171 37.0 29.4 44.0
170 24.5 19.0 28.6

Manual Integrations

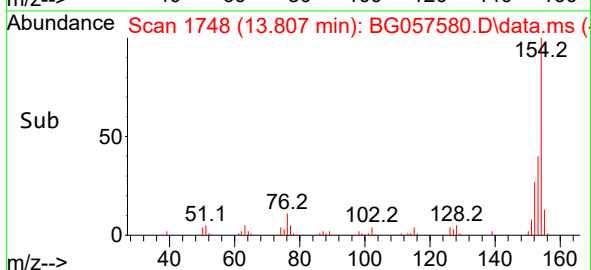
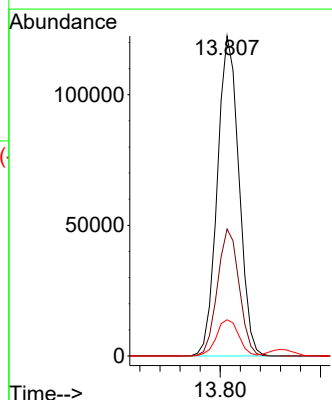
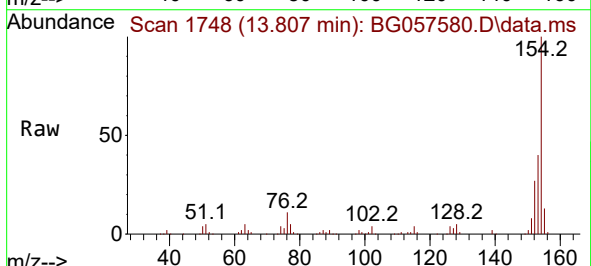
APPROVED

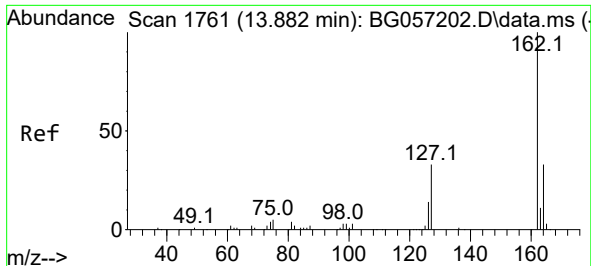
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#46
1,1'-Biphenyl
Concen: 45.693 ng
RT: 13.807 min Scan# 1748
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

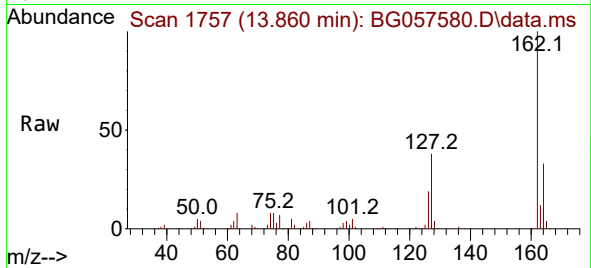
Tgt Ion:154 Resp: 182646
Ion Ratio Lower Upper
154 100
153 39.7 20.9 60.9
76 11.3 0.0 31.7





#47
2-Chloronaphthalene
Concen: 46.670 ng
RT: 13.860 min Scan# 1761
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

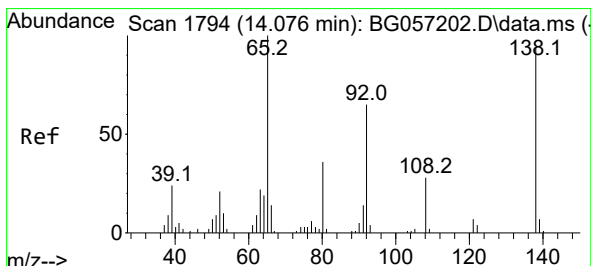
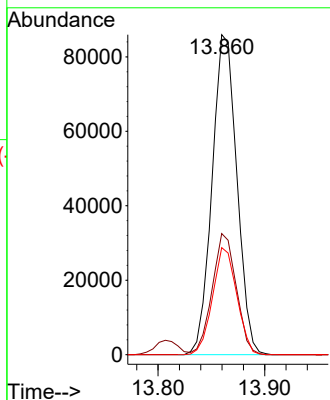
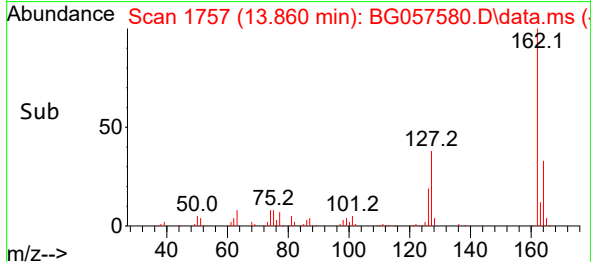
Instrument :
BNA_G
ClientSampleId :
PB153043BS



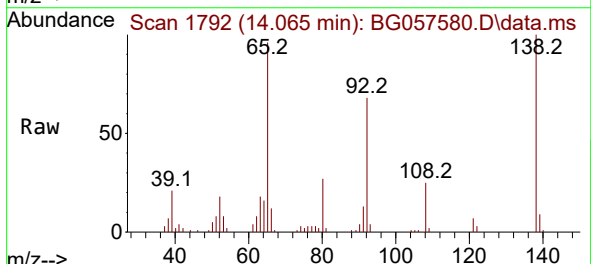
Tgt Ion:162 Resp: 13872
Ion Ratio Lower Upper
162 100
127 37.8 29.8 44.6
164 33.5 26.6 40.0

Manual Integrations
APPROVED

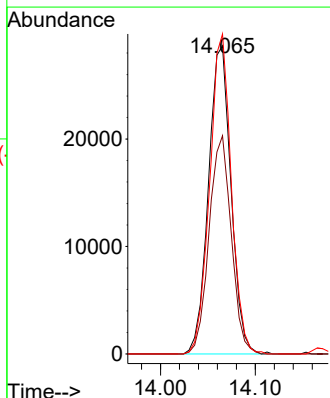
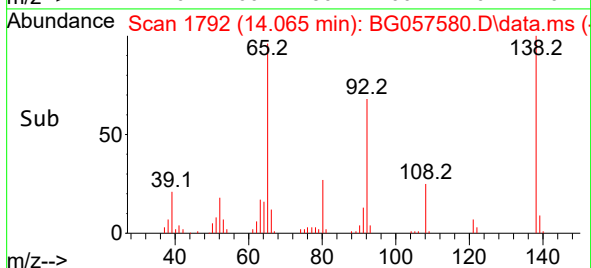
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

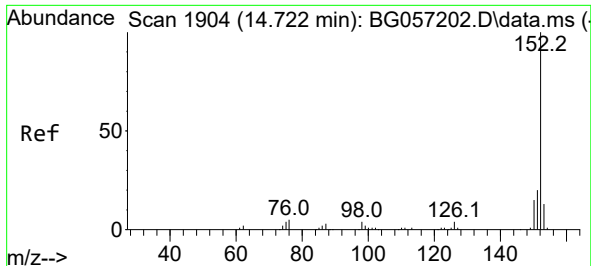


#48
2-Nitroaniline
Concen: 46.866 ng
RT: 14.065 min Scan# 1792
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09



Tgt Ion: 65 Resp: 47366
Ion Ratio Lower Upper
65 100
92 70.8 52.1 78.1
138 103.8 75.3 112.9





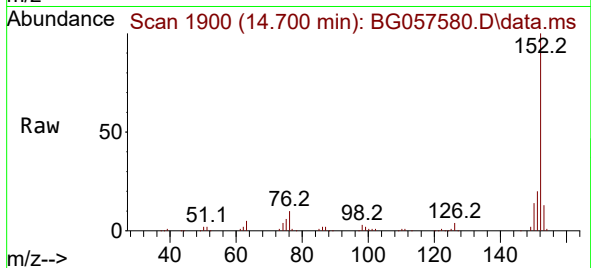
#49
Acenaphthylene
Concen: 47.010 ng
RT: 14.700 min Scan# 1904
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

PB153043BS

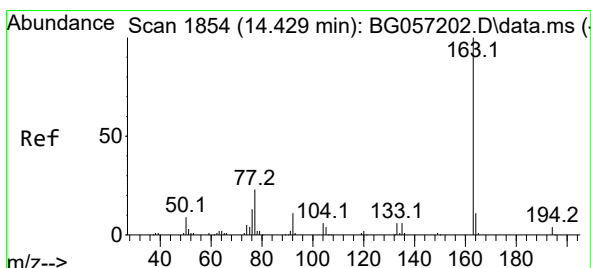
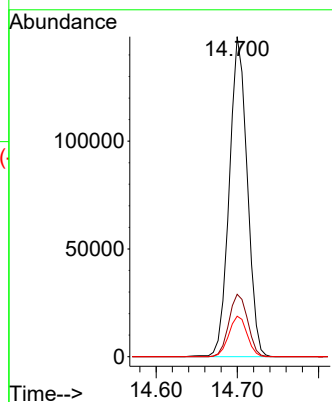
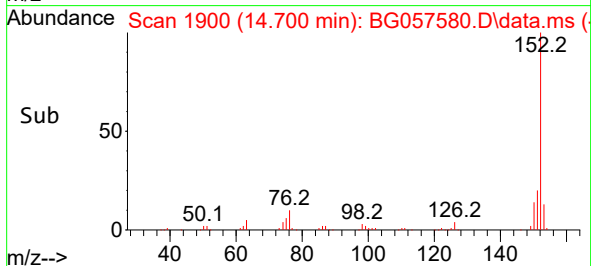


Tgt Ion:152 Resp: 227015
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 12.6 10.7 16.1

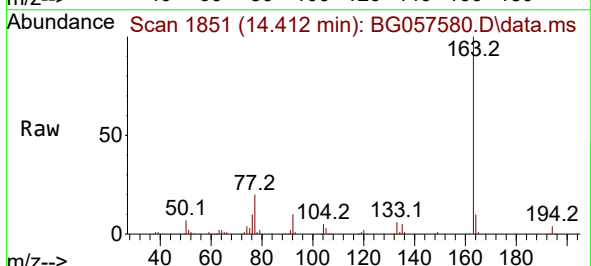
Manual Integrations

APPROVED

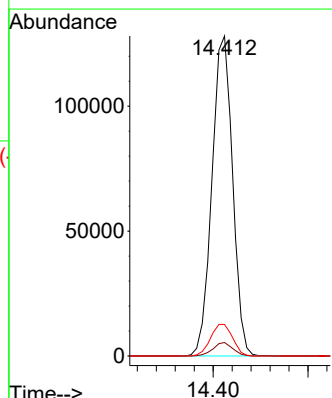
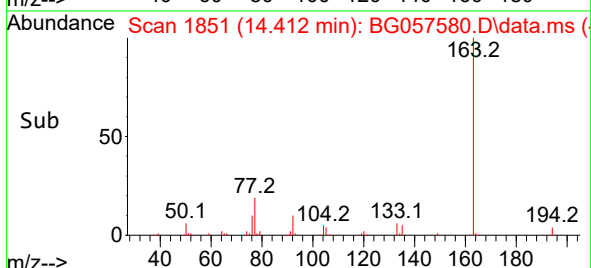
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

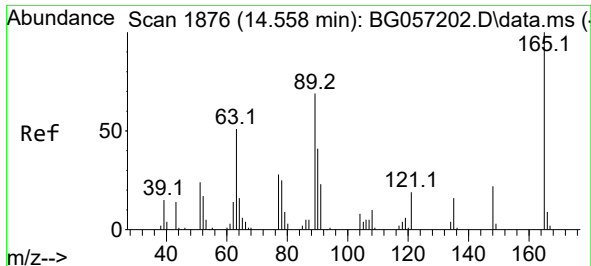


#50
Dimethylphthalate
Concen: 43.686 ng
RT: 14.412 min Scan# 1851
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09



Tgt Ion:163 Resp: 193382
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.9 8.8 13.2





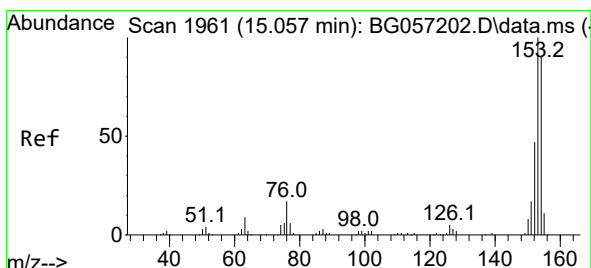
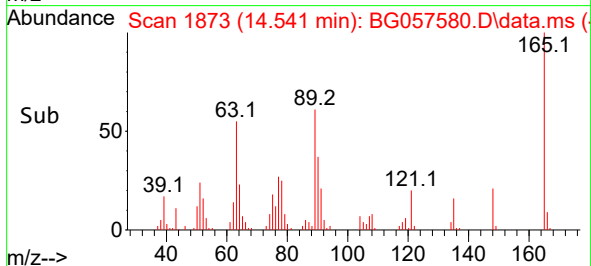
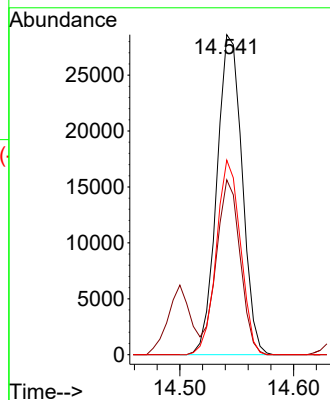
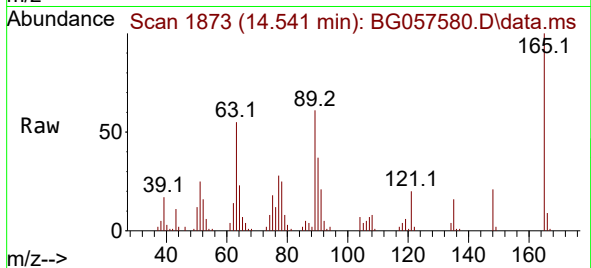
#51
2,6-Dinitrotoluene
Concen: 48.933 ng
RT: 14.541 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :
BNA_G
ClientSampleId :
PB153043BS

Tgt Ion:165 Resp: 44220
Ion Ratio Lower Upper
165 100
63 54.7 50.9 76.3
89 60.8 55.2 82.8

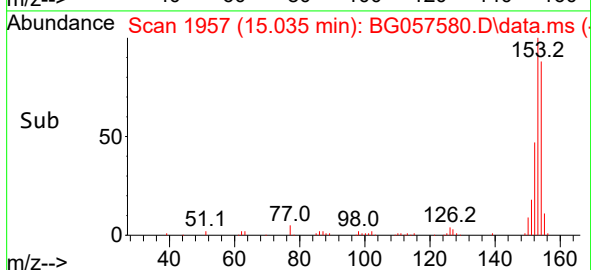
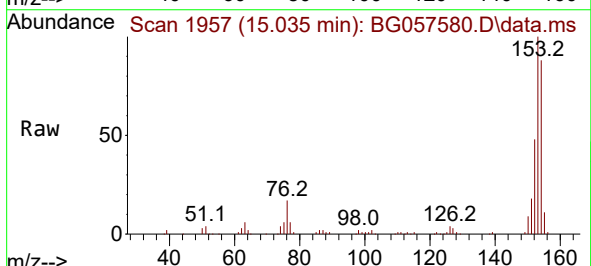
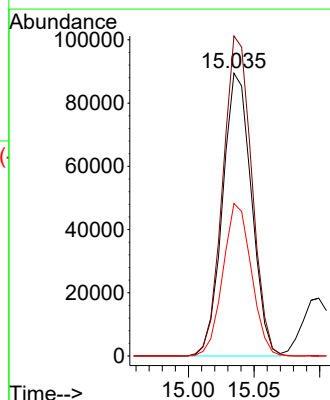
Manual Integrations
APPROVED

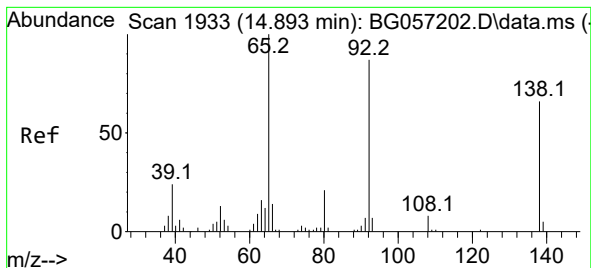
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#52
Acenaphthene
Concen: 45.429 ng
RT: 15.035 min Scan# 1957
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Tgt Ion:154 Resp: 137084
Ion Ratio Lower Upper
154 100
153 113.2 89.3 133.9
152 53.9 41.7 62.5





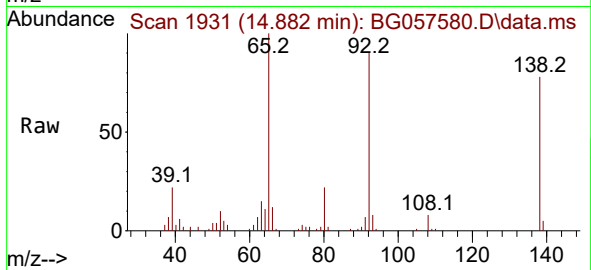
#53
3-Nitroaniline
Concen: 38.914 ng
RT: 14.882 min Scan# 1933
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

PB153043BS

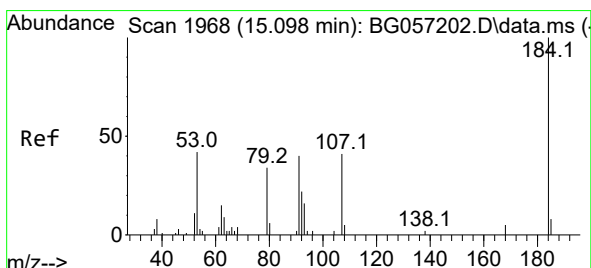
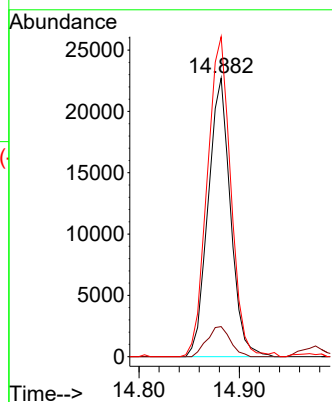
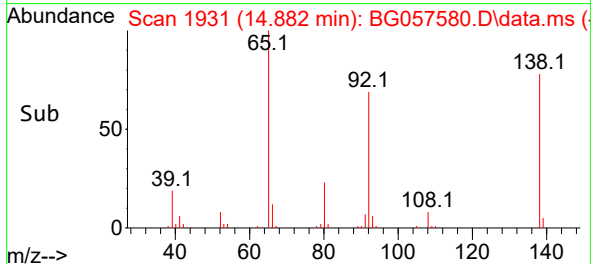


Tgt Ion:138 Resp: 3523
Ion Ratio Lower Upper
138 100
108 10.8 9.5 14.3
92 114.9 106.2 159.4

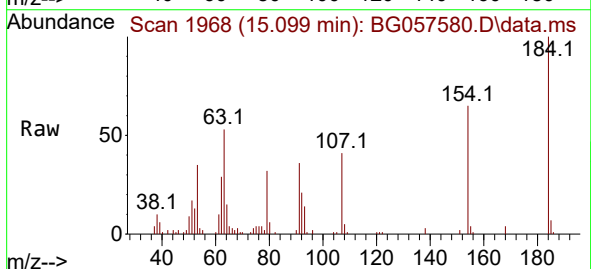
Manual Integrations

APPROVED

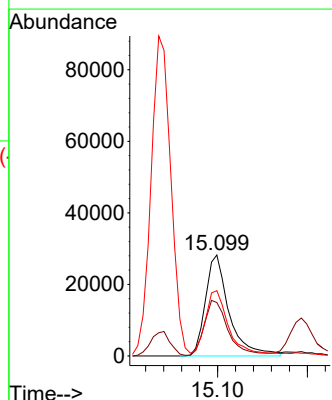
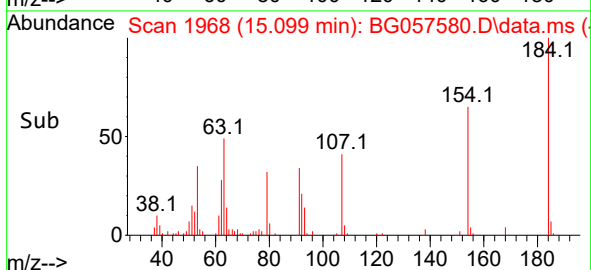
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

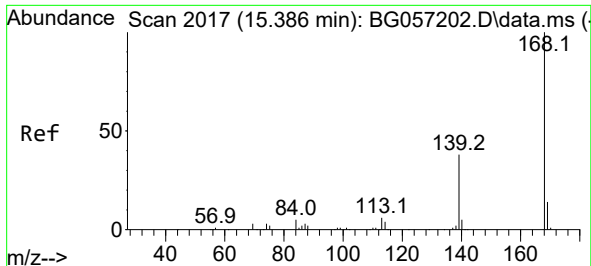


#54
2,4-Dinitrophenol
Concen: 91.404 ng
RT: 15.099 min Scan# 1968
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09



Tgt Ion:184 Resp: 51578
Ion Ratio Lower Upper
184 100
63 53.0 48.2 72.4
154 64.8 55.4 83.2





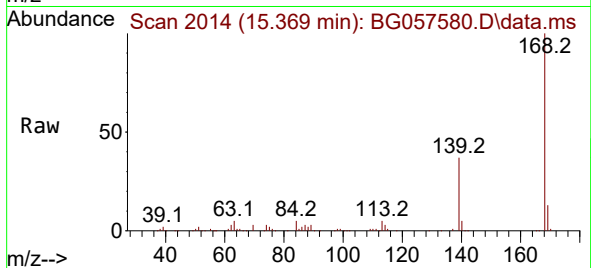
#55
Dibenzenofuran
Concen: 45.884 ng
RT: 15.369 min Scan# 2017
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

PB153043BS

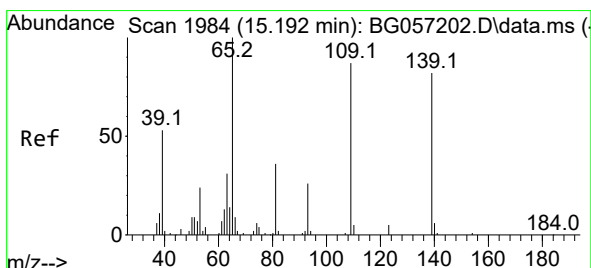
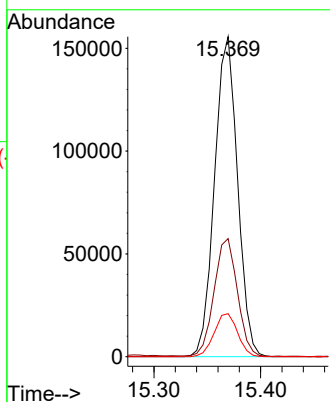
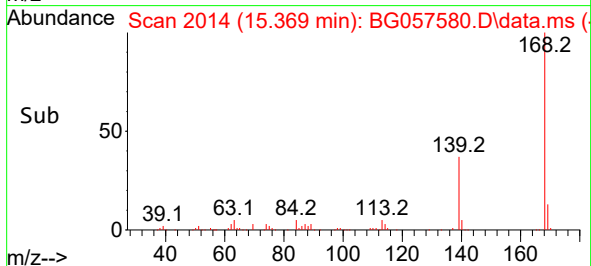


Tgt Ion:168 Resp: 23263
Ion Ratio Lower Upper
168 100
139 36.9 30.7 46.1
169 13.5 10.9 16.3

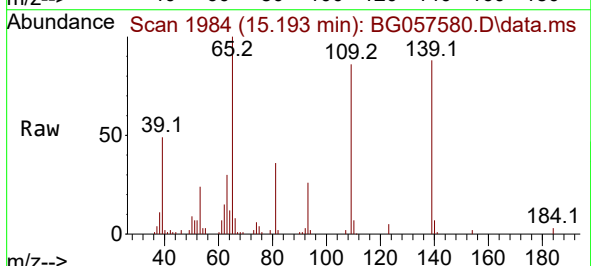
Manual Integrations

APPROVED

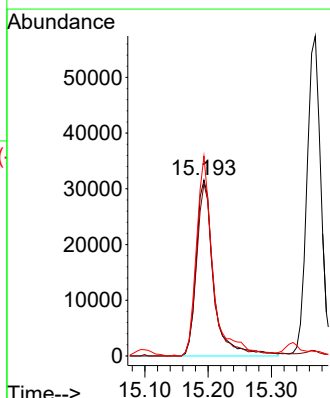
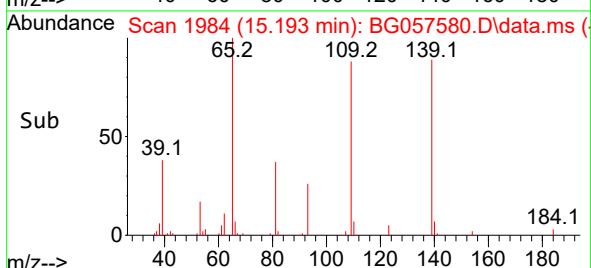
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

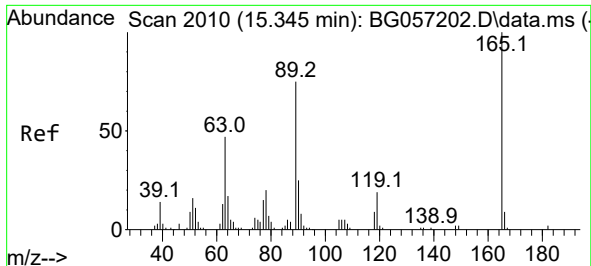


#56
4-Nitrophenol
Concen: 100.234 ng
RT: 15.193 min Scan# 1984
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09



Tgt Ion:139 Resp: 60362
Ion Ratio Lower Upper
139 100
109 97.9 86.6 126.6
65 113.7 102.6 142.6





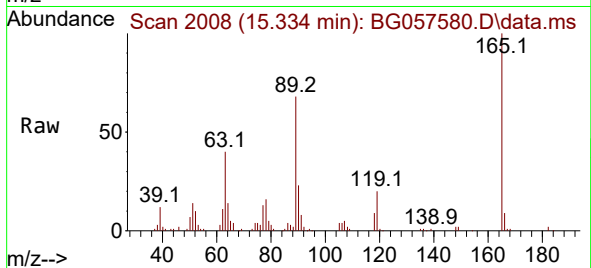
#57
2,4-Dinitrotoluene
Concen: 48.771 ng
RT: 15.334 min Scan# 2010
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

PB153043BS

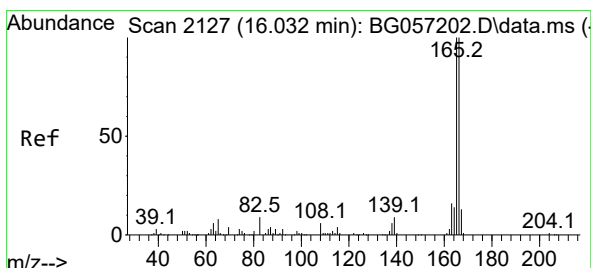
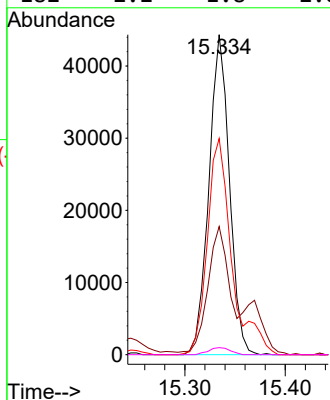
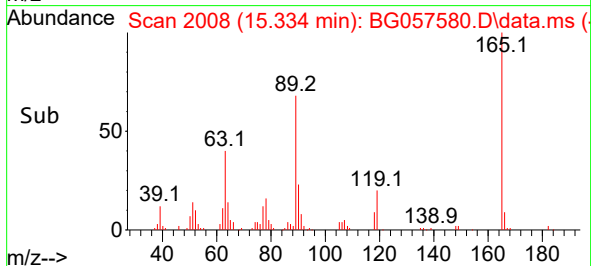


Tgt Ion:165 Resp: 62997
Ion Ratio Lower Upper
165 100
63 40.1 37.5 56.3
89 67.5 60.2 90.4
182 2.2 1.8 2.8

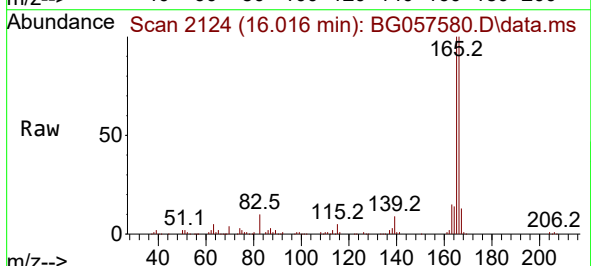
Manual Integrations

APPROVED

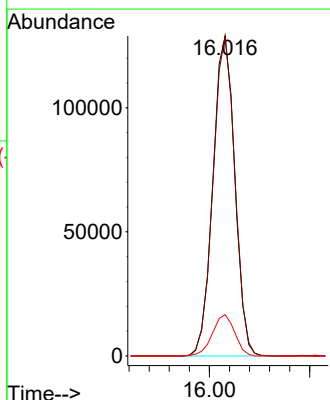
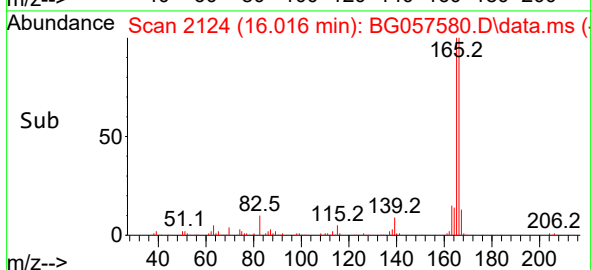
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

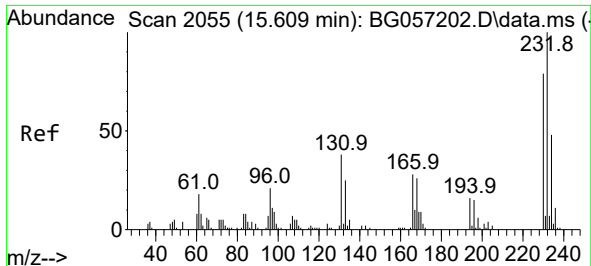


#58
Fluorene
Concen: 46.546 ng
RT: 16.016 min Scan# 2124
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09



Tgt Ion:166 Resp: 194388
Ion Ratio Lower Upper
166 100
165 100.2 80.1 120.1
167 12.9 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.199 ng m
RT: 15.599 min Scan# 2053
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

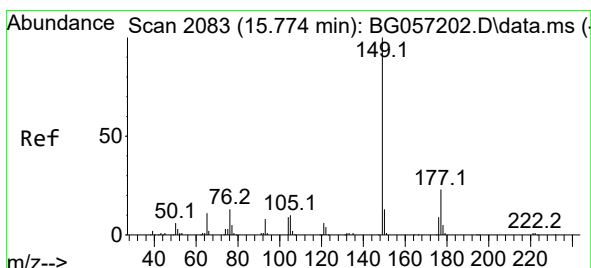
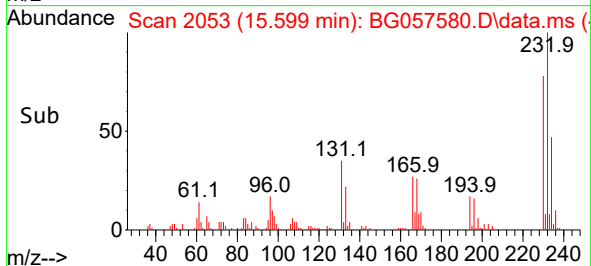
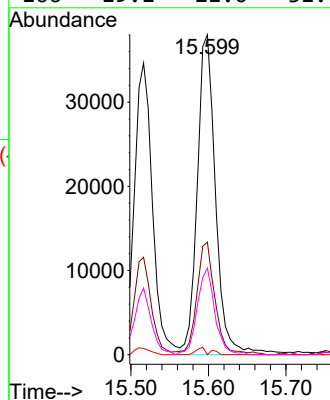
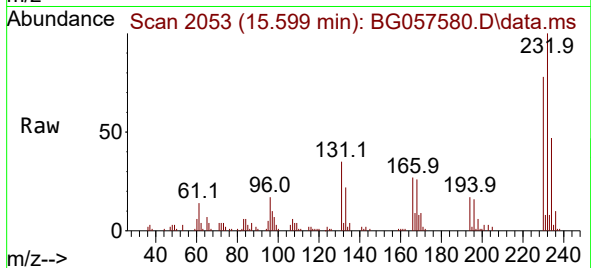
PB153043BS

Tgt Ion:232 Resp: 62372
Ion Ratio Lower Upper
232 100
131 28.9 28.6 42.8
130 1.7 1.6 2.4
166 19.1 21.0 31.6#

Manual Integrations

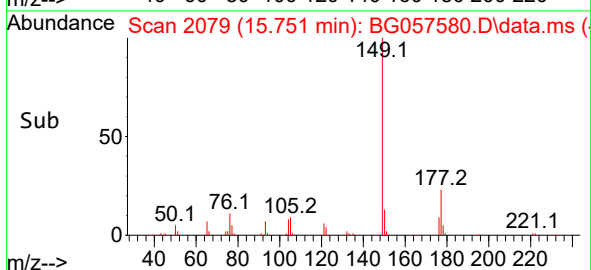
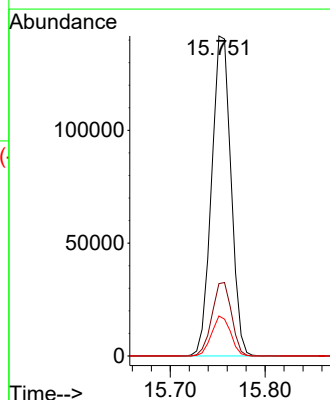
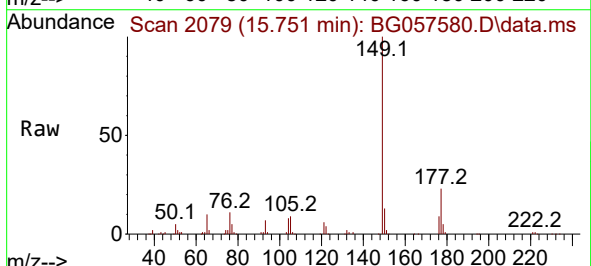
APPROVED

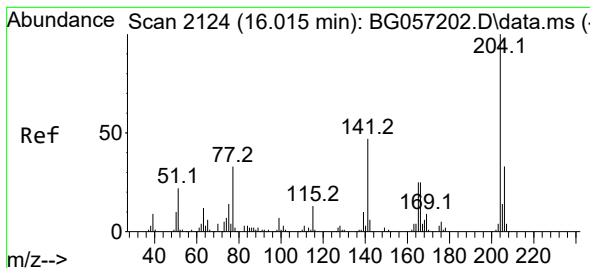
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#60
Diethylphthalate
Concen: 44.742 ng
RT: 15.751 min Scan# 2079
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Tgt Ion:149 Resp: 201135
Ion Ratio Lower Upper
149 100
177 22.6 18.3 27.5
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.715 ng
RT: 15.992 min Scan# 2120
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

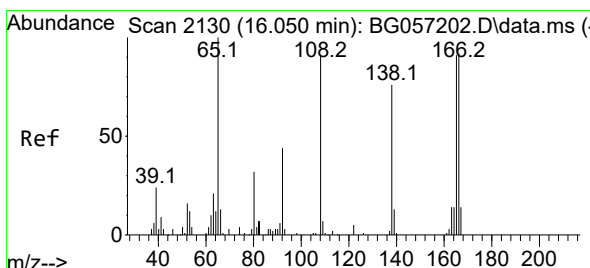
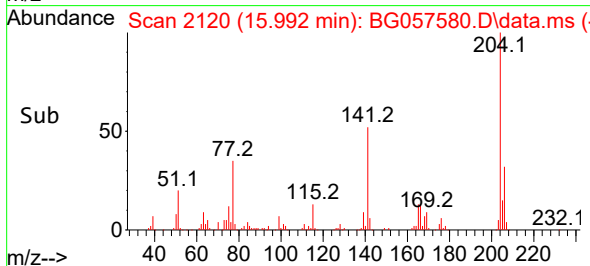
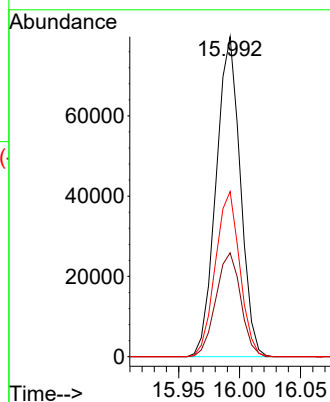
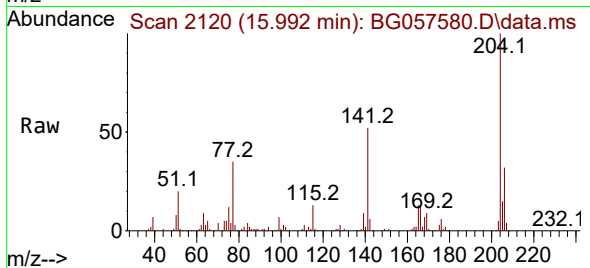
PB153043BS

Tgt Ion:204 Resp: 10998
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 51.6 37.4 56.0

Manual Integrations

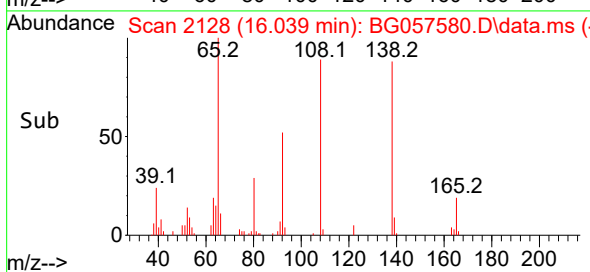
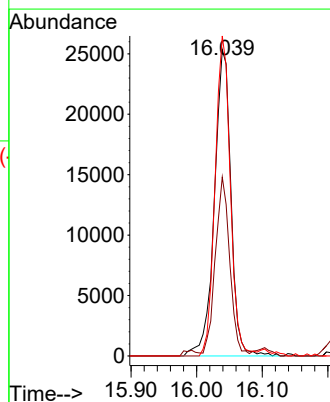
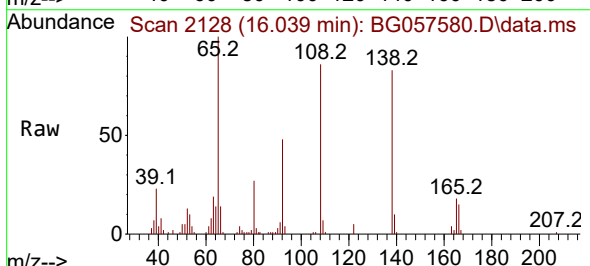
APPROVED

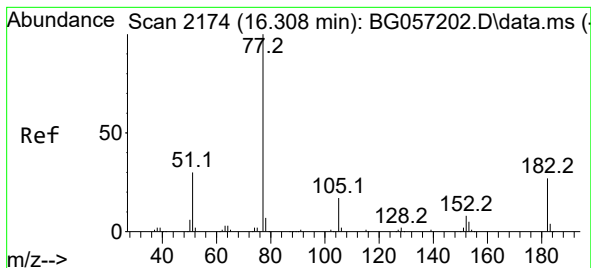
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#62
4-Nitroaniline
Concen: 48.601 ng
RT: 16.039 min Scan# 2128
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Tgt Ion:138 Resp: 44394
Ion Ratio Lower Upper
138 100
92 58.4 38.2 78.2
108 104.5 99.6 139.6





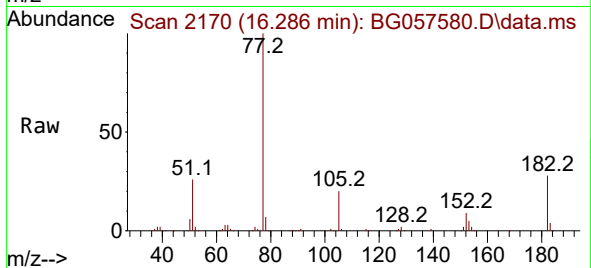
#63
Azobenzene
Concen: 42.299 ng
RT: 16.286 min Scan# 2174
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

PB153043BS

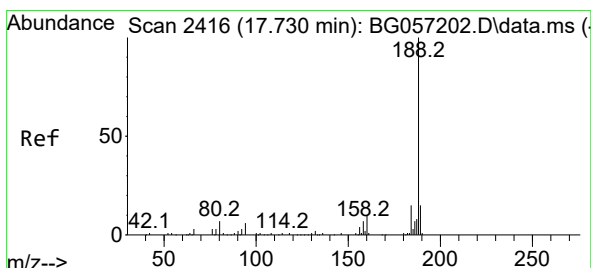
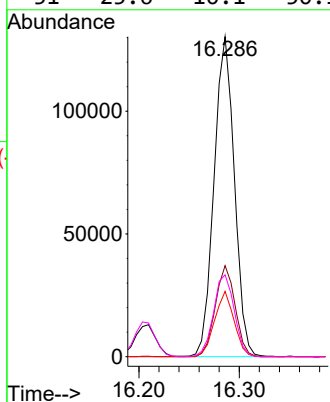
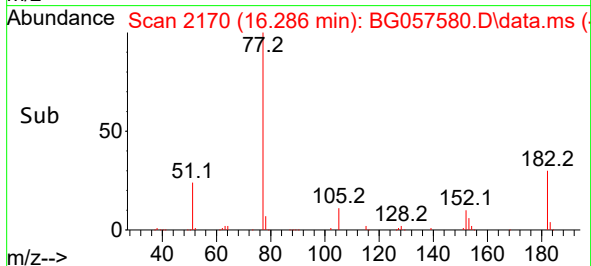


Tgt Ion: 77 Resp: 183469
Ion Ratio Lower Upper
77 100
182 28.4 7.4 47.4
105 20.4 0.0 37.2
51 25.6 10.1 50.1

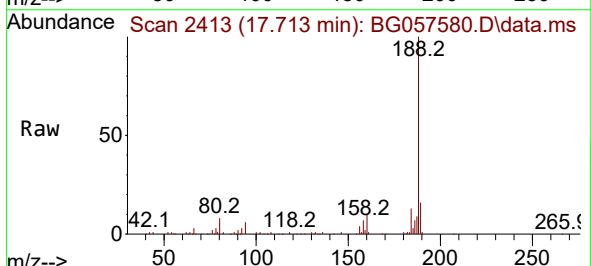
Manual Integrations

APPROVED

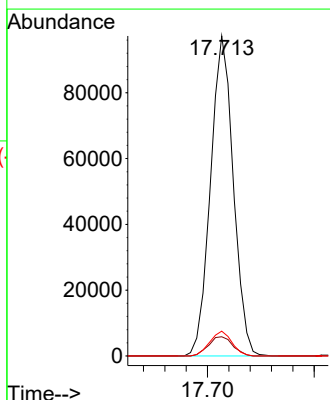
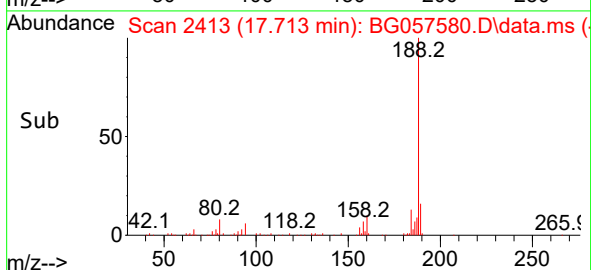
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

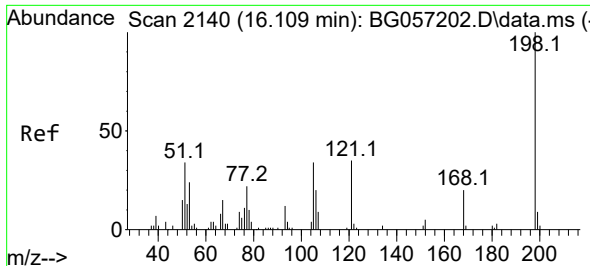


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2413
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09



Tgt Ion:188 Resp: 144356
Ion Ratio Lower Upper
188 100
94 6.0 5.1 7.7
80 7.8 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 48.829 ng
RT: 16.104 min Scan# 2140
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

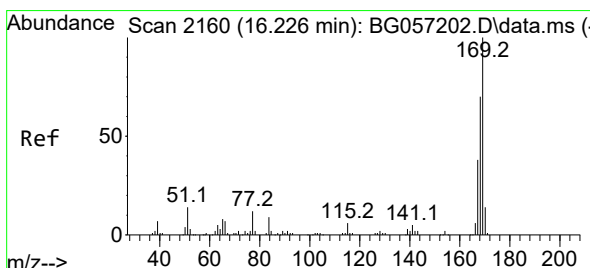
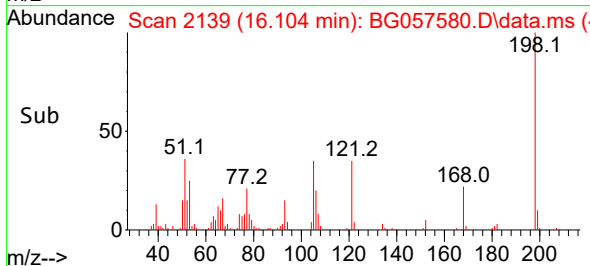
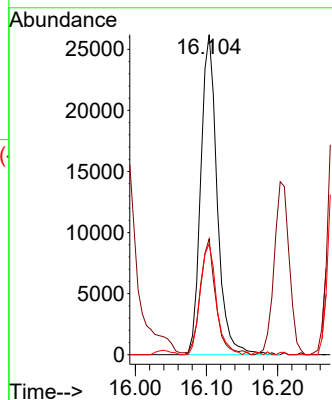
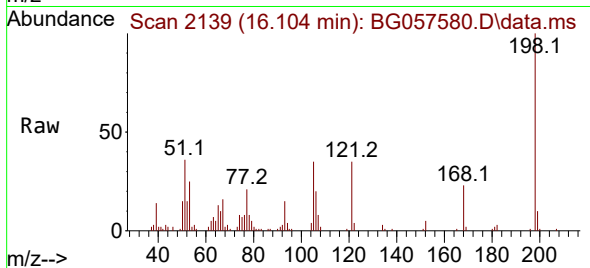
PB153043BS

Tgt Ion:198 Resp: 42084
Ion Ratio Lower Upper
198 100
51 36.2 16.1 56.1
105 34.6 14.0 54.0

Manual Integrations

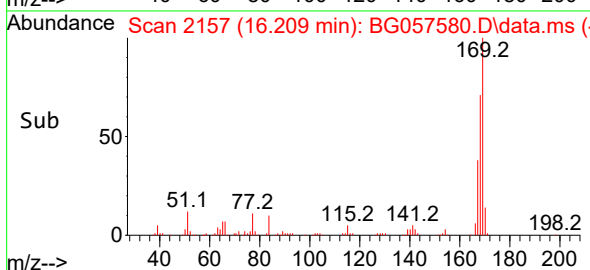
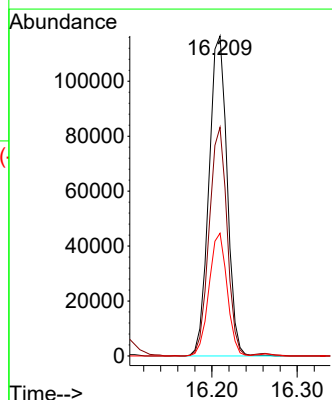
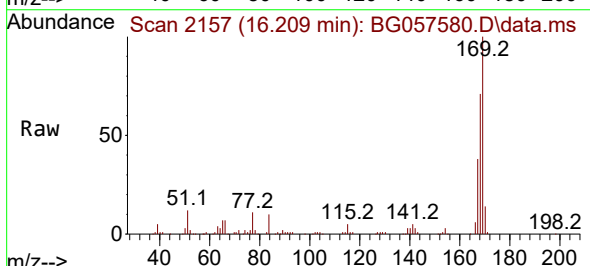
APPROVED

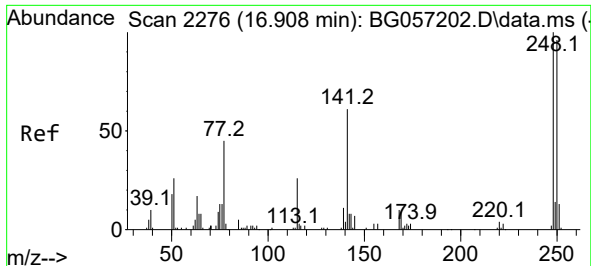
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#66
n-Nitrosodiphenylamine
Concen: 43.933 ng
RT: 16.209 min Scan# 2157
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Tgt Ion:169 Resp: 172247
Ion Ratio Lower Upper
169 100
168 71.5 56.2 84.4
167 38.4 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 43.264 ng
RT: 16.885 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

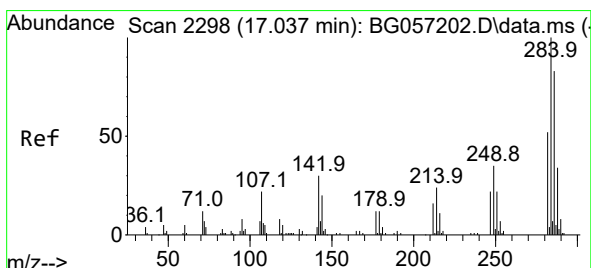
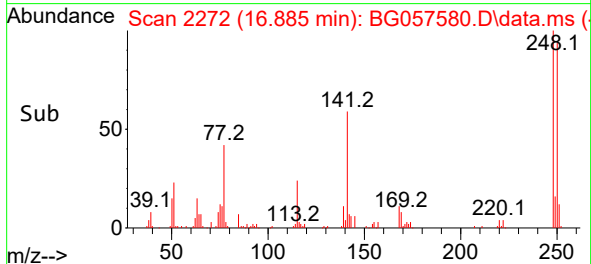
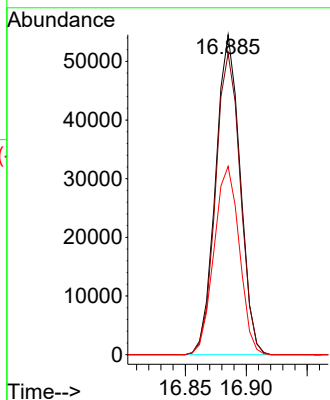
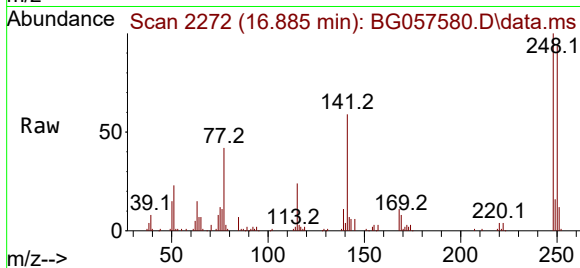
PB153043BS

Tgt Ion:248 Resp: 76240
Ion Ratio Lower Upper
248 100
250 94.2 77.0 115.6
141 58.8 48.6 72.8

Manual Integrations

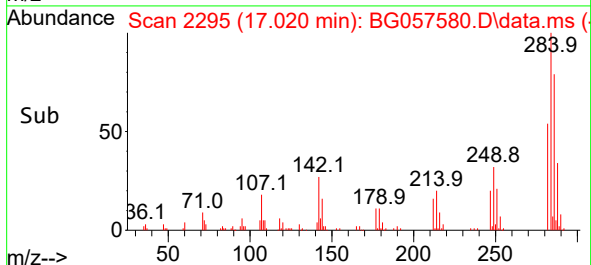
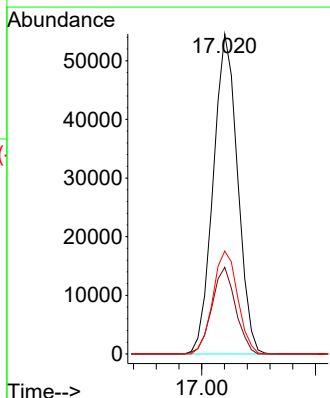
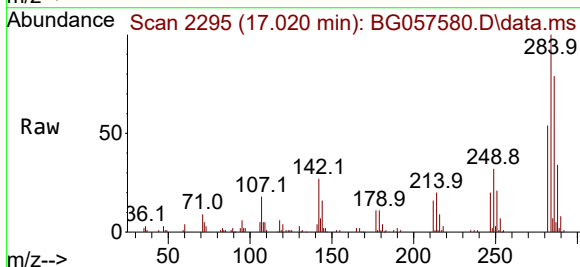
APPROVED

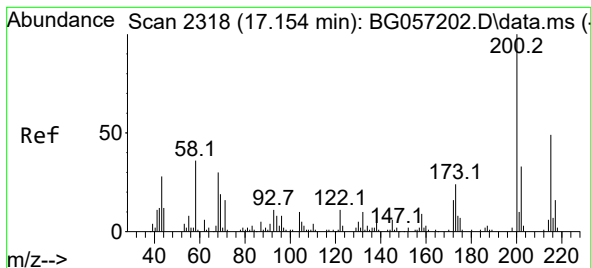
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#68
Hexachlorobenzene
Concen: 47.352 ng
RT: 17.020 min Scan# 2295
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Tgt Ion:284 Resp: 81090
Ion Ratio Lower Upper
284 100
142 27.1 23.9 35.9
249 32.1 27.7 41.5





#69

Atrazine

Concen: 52.256 ng

RT: 17.144 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG057580.D

Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

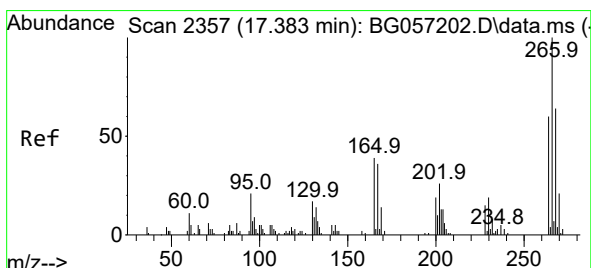
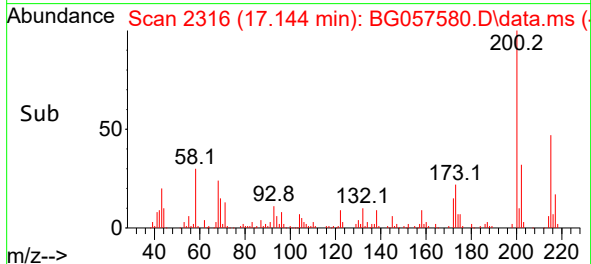
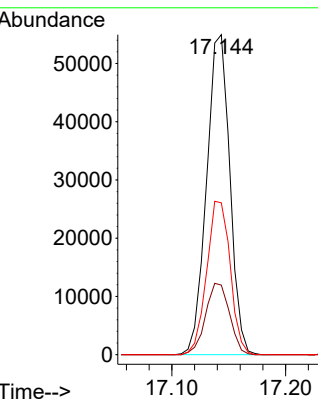
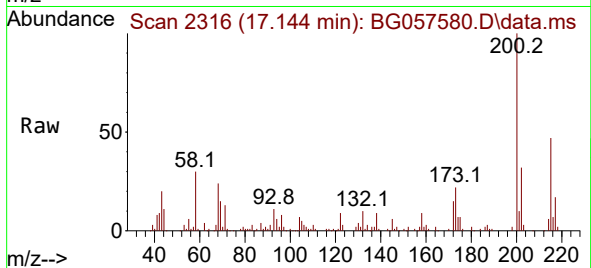
PB153043BS

Tgt Ion:200 Resp: 78150
 Ion Ratio Lower Upper
 200 100
 173 21.8 4.3 44.3
 215 47.5 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Jagrut Upadhyay 05/31/2023



#70

Pentachlorophenol

Concen: 77.968 ng

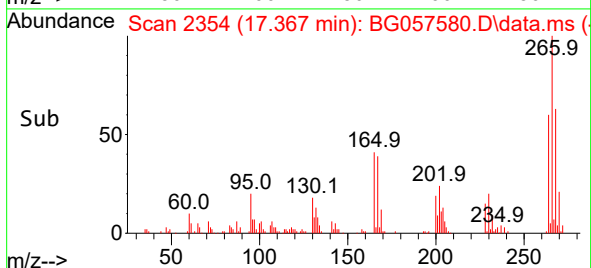
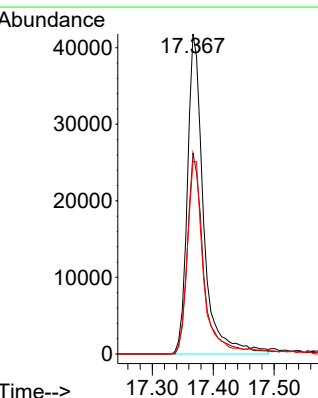
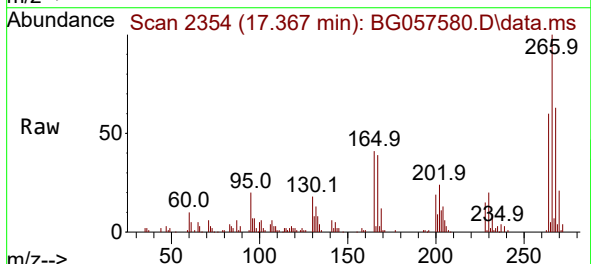
RT: 17.367 min Scan# 2354

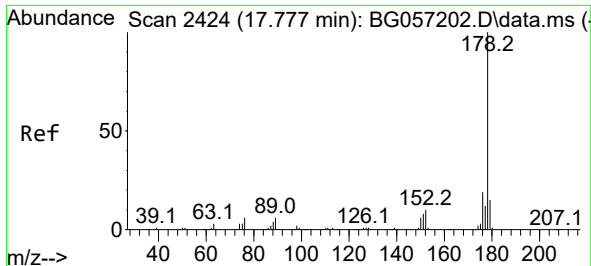
Delta R.T. -0.002 min

Lab File: BG057580.D

Acq: 26 May 2023 11:09

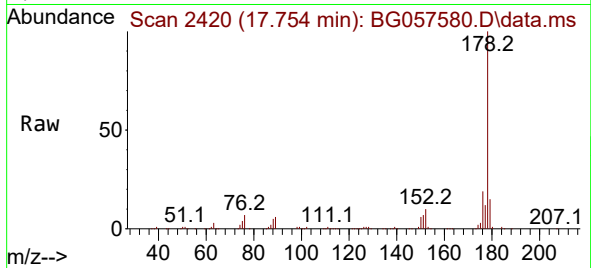
Tgt Ion:266 Resp: 76949
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.0 76.6
 264 60.2 47.8 71.6





#71
Phenanthrene
Concen: 45.103 ng
RT: 17.754 min Scan# 2420
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

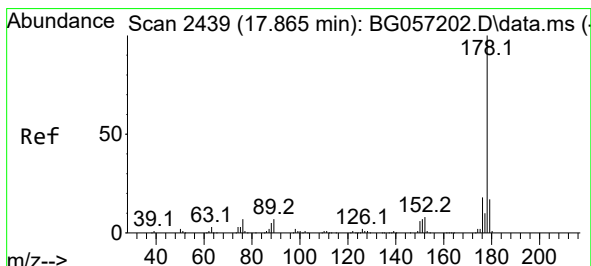
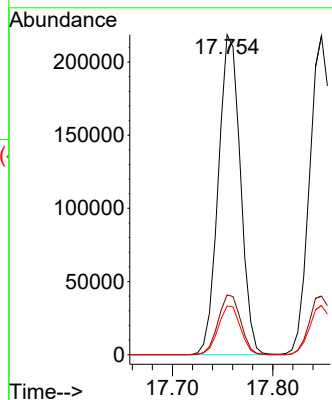
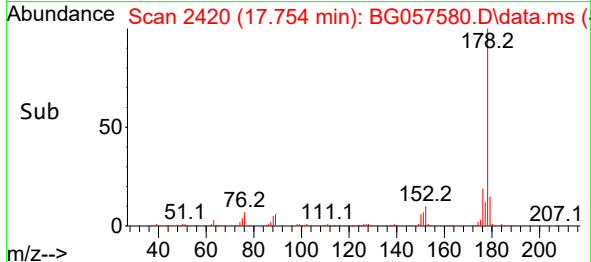
Instrument :
BNA_G
ClientSampleId :
PB153043BS



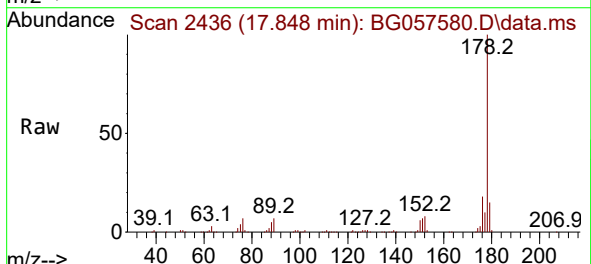
Tgt Ion:178 Resp: 33363
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.2 12.3 18.5

Manual Integrations
APPROVED

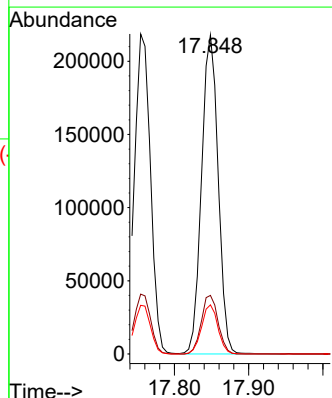
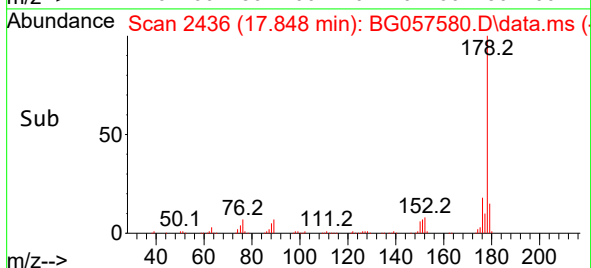
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

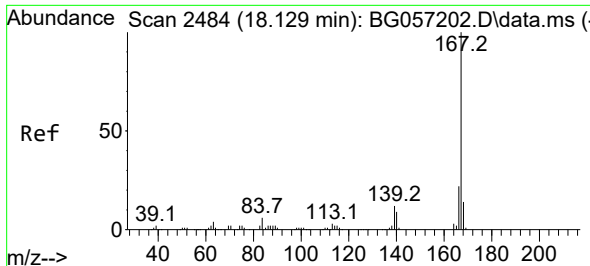


#72
Anthracene
Concen: 44.585 ng
RT: 17.848 min Scan# 2436
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09



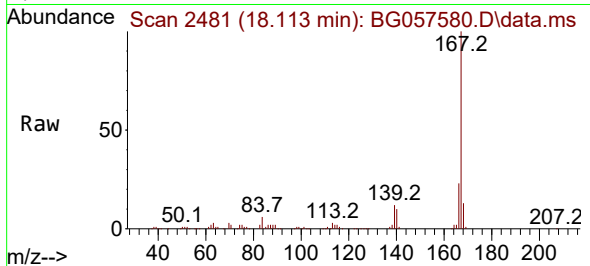
Tgt Ion:178 Resp: 338401
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.4 13.2 19.8





#73
Carbazole
Concen: 46.776 ng
RT: 18.113 min Scan# 2481
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

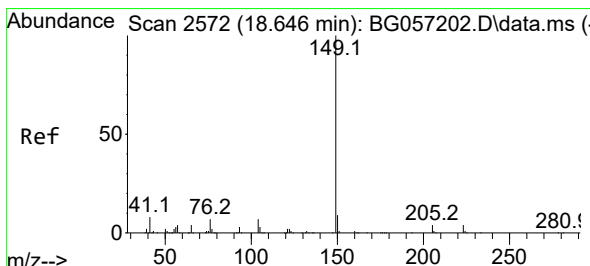
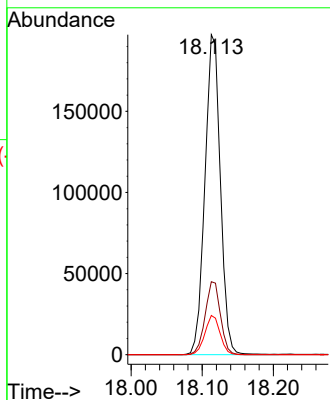
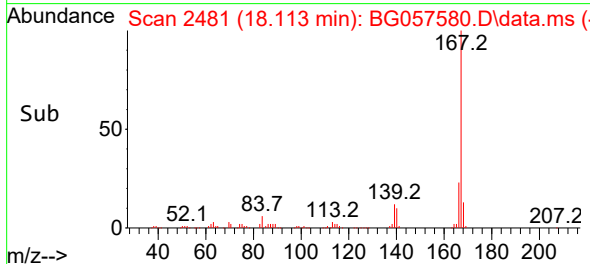
Instrument :
BNA_G
ClientSampleId :
PB153043BS



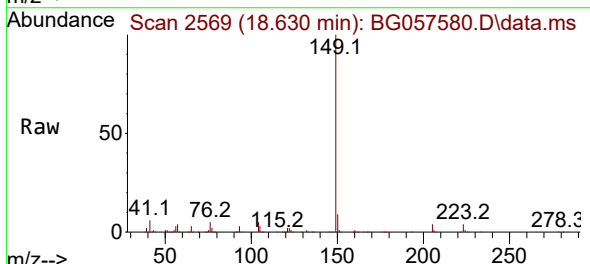
Tgt Ion:167 Resp: 29889
Ion Ratio Lower Upper
167 100
166 22.8 17.4 26.0
139 12.2 9.6 14.4

Manual Integrations
APPROVED

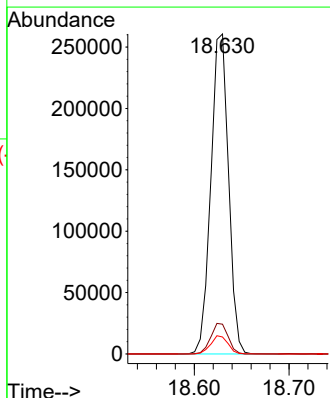
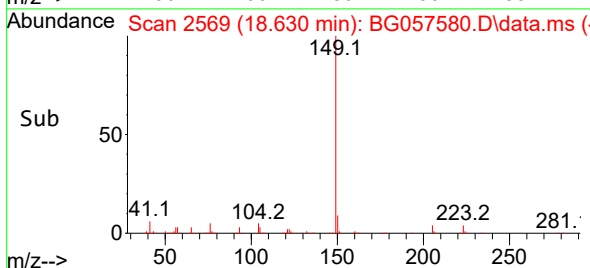
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

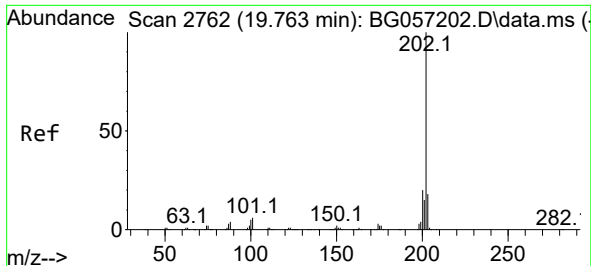


#74
Di-n-butylphthalate
Concen: 45.888 ng
RT: 18.630 min Scan# 2569
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09



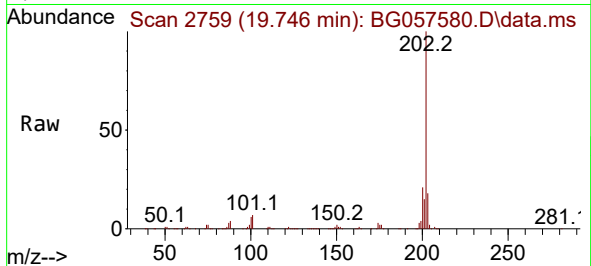
Tgt Ion:149 Resp: 337360
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 5.3 5.4 8.2#





#75
Fluoranthene
Concen: 42.938 ng
RT: 19.746 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

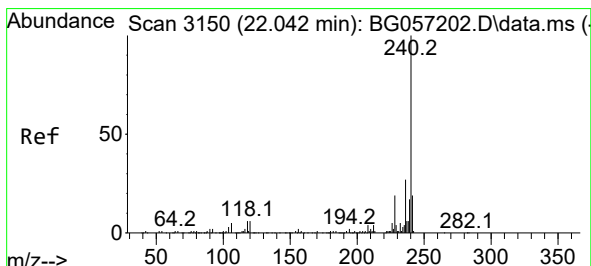
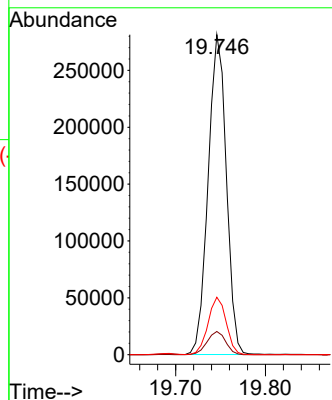
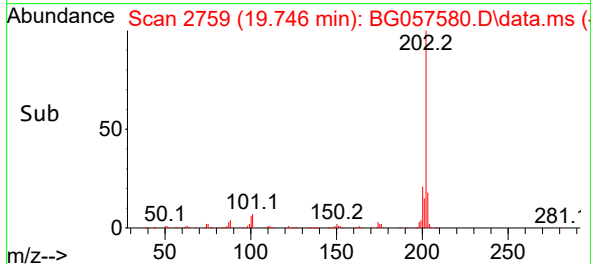
Instrument :
BNA_G
ClientSampleId :
PB153043BS



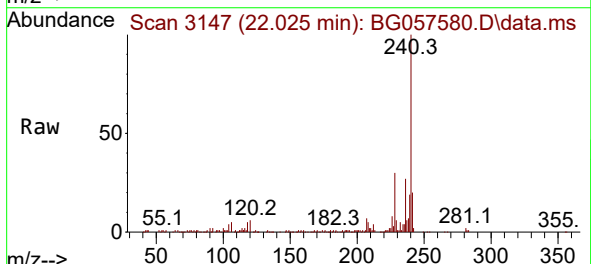
Tgt Ion:202 Resp: 395035
Ion Ratio Lower Upper
202 100
101 7.3 0.0 26.2
203 18.0 0.0 37.9

Manual Integrations
APPROVED

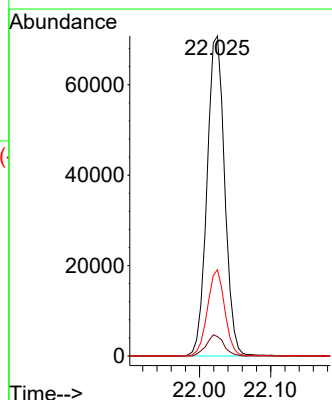
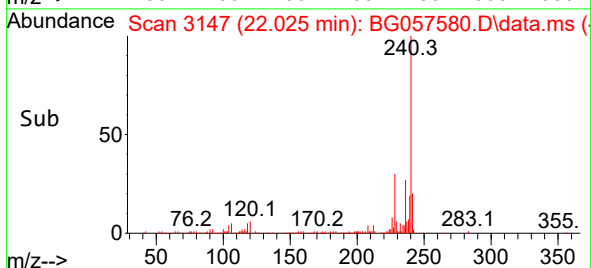
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

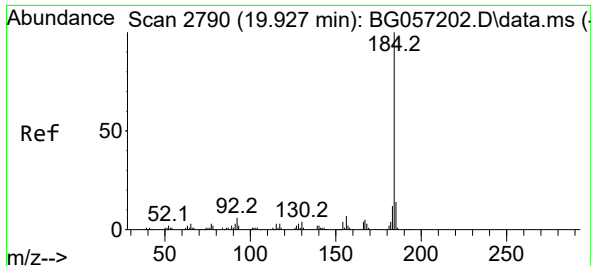


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.025 min Scan# 3147
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09



Tgt Ion:240 Resp: 122213
Ion Ratio Lower Upper
240 100
120 6.1 4.9 7.3
236 26.9 21.4 32.2





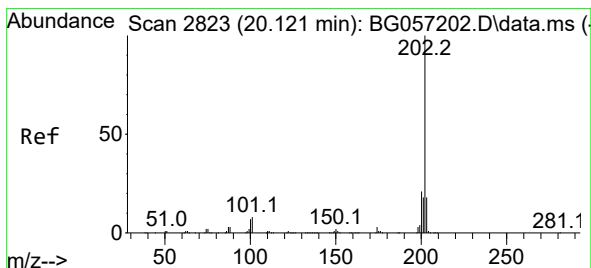
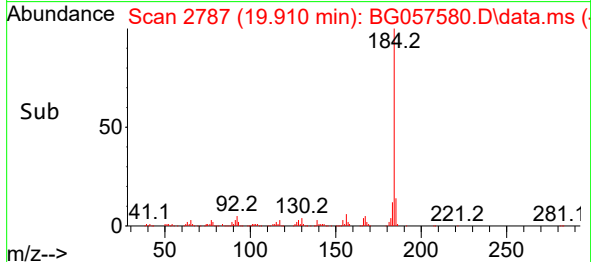
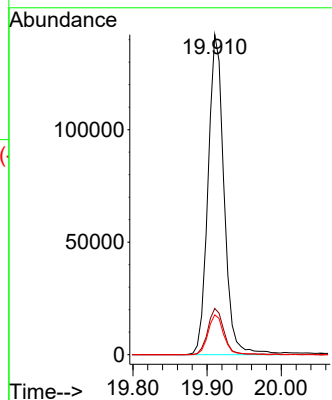
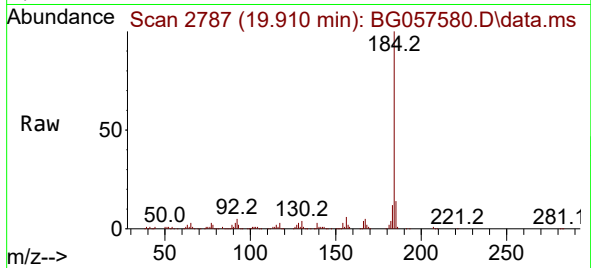
#77
Benzidine
Concen: 77.866 ng
RT: 19.910 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :
BNA_G
ClientSampleId :
PB153043BS

Tgt Ion:184 Resp: 212749
Ion Ratio Lower Upper
184 100
185 14.4 11.1 16.7
183 12.4 9.9 14.9

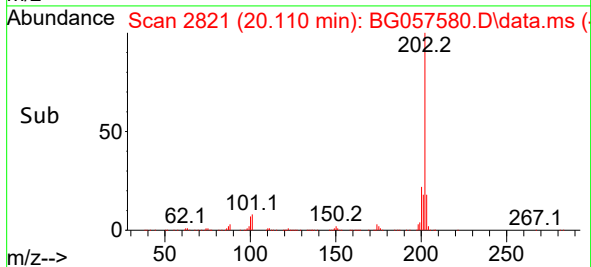
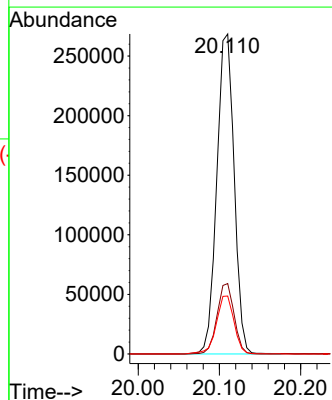
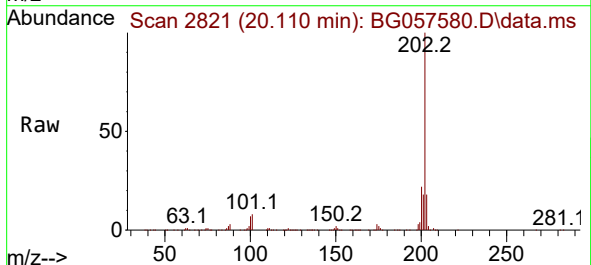
Manual Integrations
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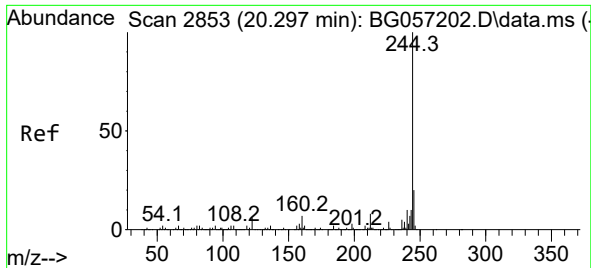
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#78
Pyrene
Concen: 44.852 ng
RT: 20.110 min Scan# 2821
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Tgt Ion:202 Resp: 398320
Ion Ratio Lower Upper
202 100
200 22.0 17.0 25.4
203 18.1 14.2 21.4





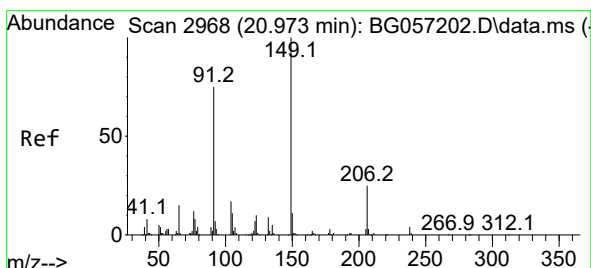
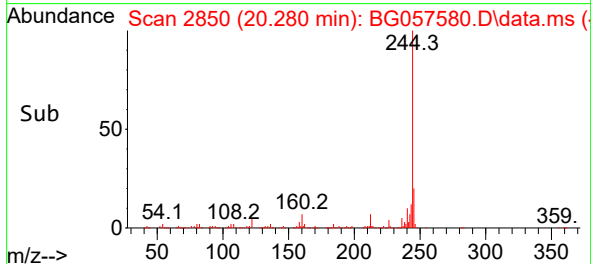
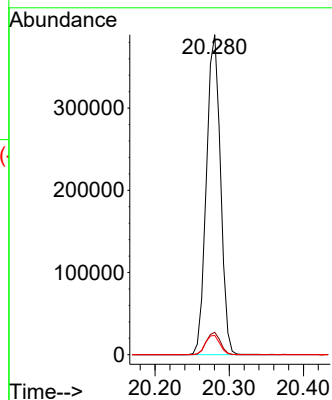
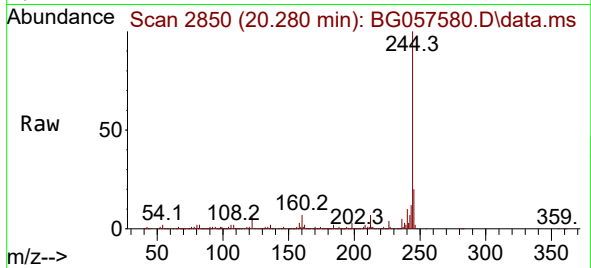
#79
Terphenyl-d14
Concen: 68.494 ng
RT: 20.280 min Scan# 244
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :
BNA_G
ClientSampleId :
PB153043BS

Tgt Ion:244 Resp: 512940
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 6.0 5.1 7.7

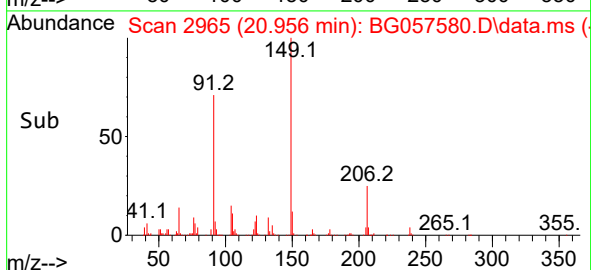
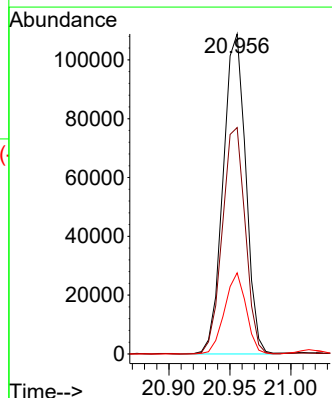
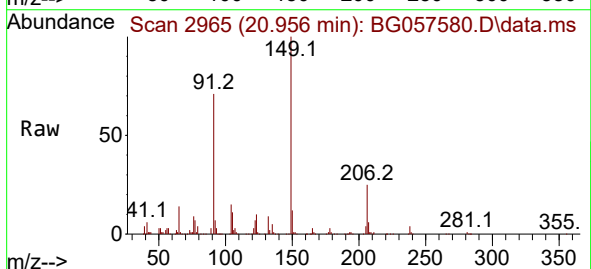
Manual Integrations
APPROVED

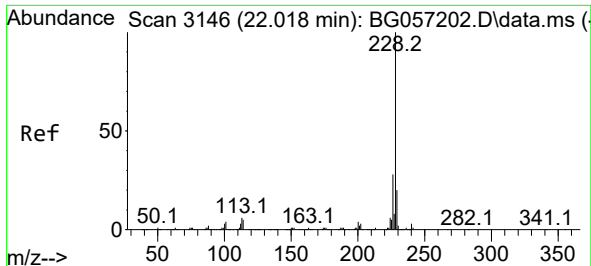
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#80
Butylbenzylphthalate
Concen: 49.913 ng
RT: 20.956 min Scan# 2965
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

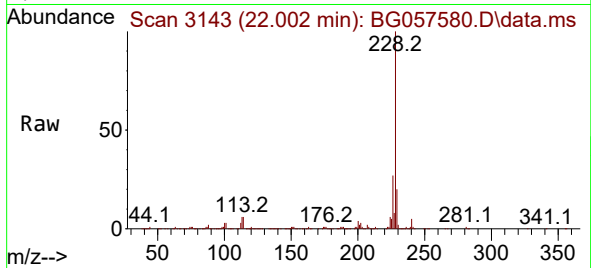
Tgt Ion:149 Resp: 140645
Ion Ratio Lower Upper
149 100
91 70.7 59.7 89.5
206 25.3 19.7 29.5





#81
Benzo(a)anthracene
Concen: 43.841 ng
RT: 22.002 min Scan# 3146
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

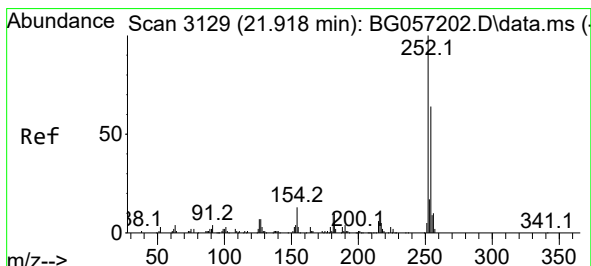
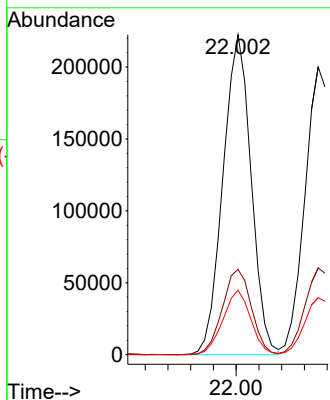
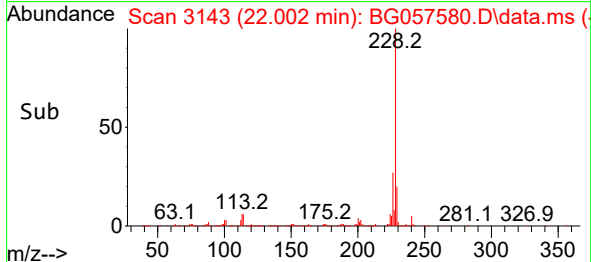
Instrument :
BNA_G
ClientSampleId :
PB153043BS



Tgt Ion:228 Resp: 381730
Ion Ratio Lower Upper
228 100
226 26.6 22.0 33.0
229 20.1 15.8 23.8

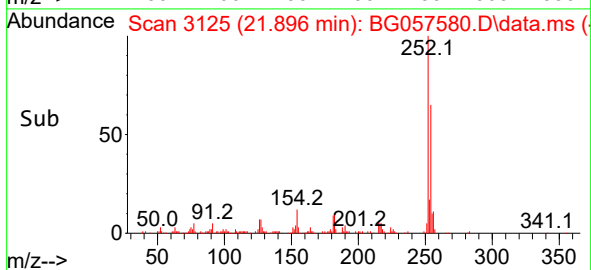
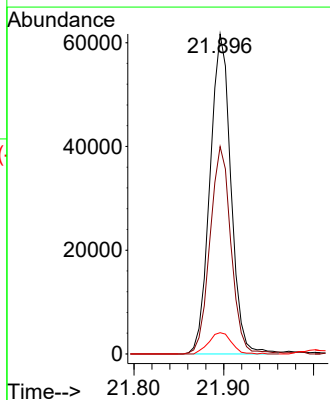
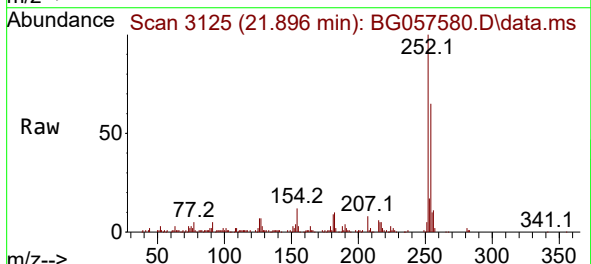
Manual Integrations
APPROVED

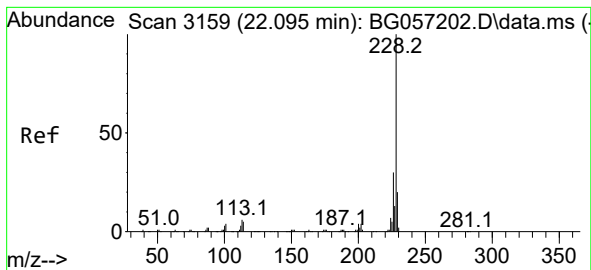
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#82
3,3'-Dichlorobenzidine
Concen: 35.774 ng
RT: 21.896 min Scan# 3125
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Tgt Ion:252 Resp: 99773
Ion Ratio Lower Upper
252 100
254 64.8 51.4 77.0
126 6.6 5.9 8.9





#83

Chrysene

Concen: 42.380 ng

RT: 22.072 min Scan# 3115

Delta R.T. 0.004 min

Lab File: BG057580.D

Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

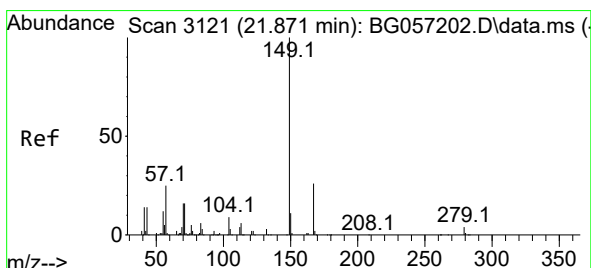
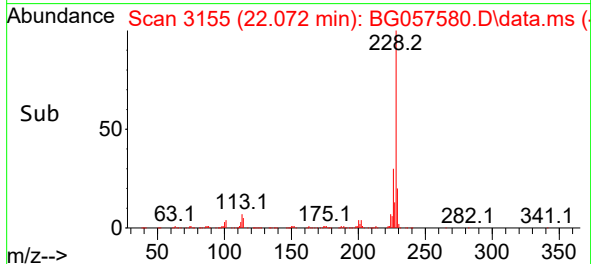
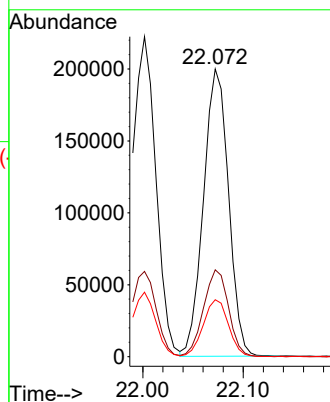
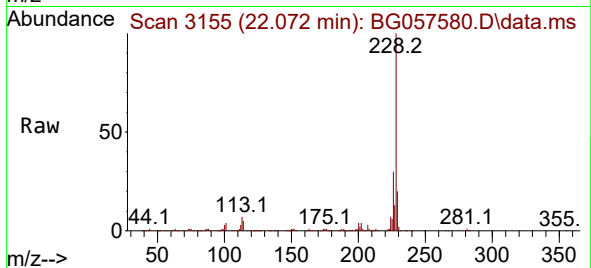
PB153043BS

Tgt Ion:228 Resp: 347190
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.3 36.5
 229 19.8 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Jagrut Upadhyay 05/31/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.008 ng

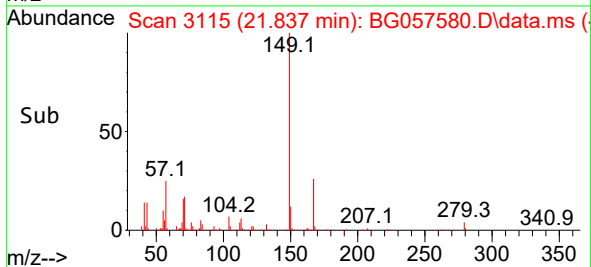
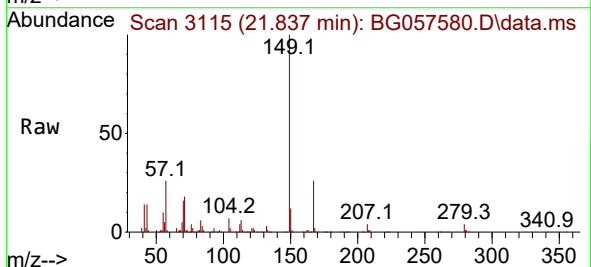
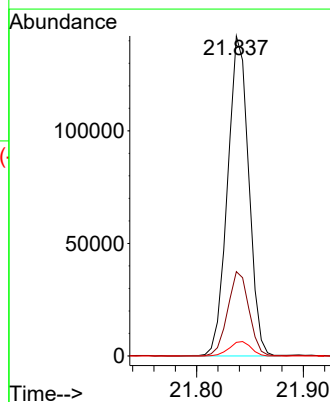
RT: 21.837 min Scan# 3115

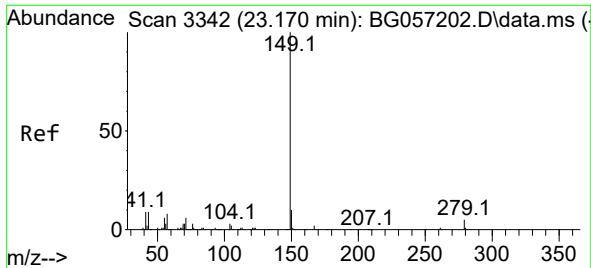
Delta R.T. -0.002 min

Lab File: BG057580.D

Acq: 26 May 2023 11:09

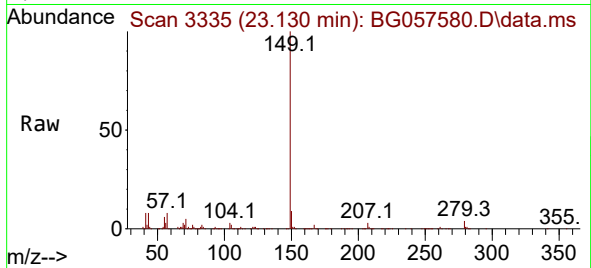
Tgt Ion:149 Resp: 195982
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.2 31.8
 279 4.3 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 47.455 ng
RT: 23.130 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

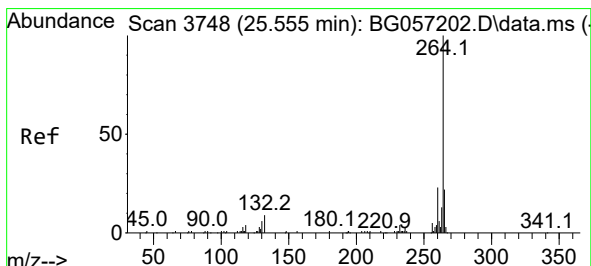
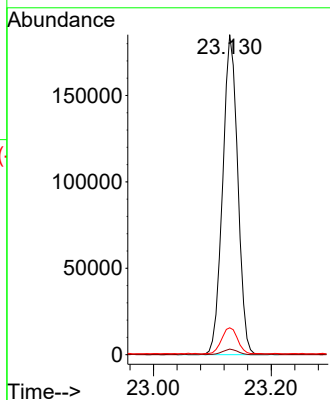
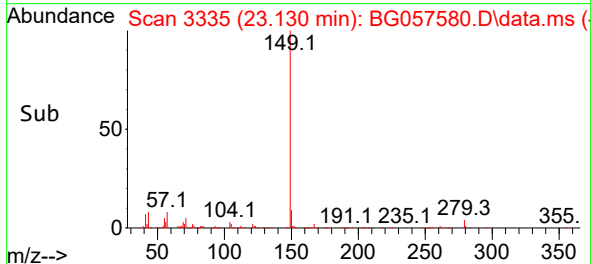
Instrument :
BNA_G
ClientSampleId :
PB153043BS



Tgt Ion:149 Resp: 329830
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 8.7 7.8 11.8

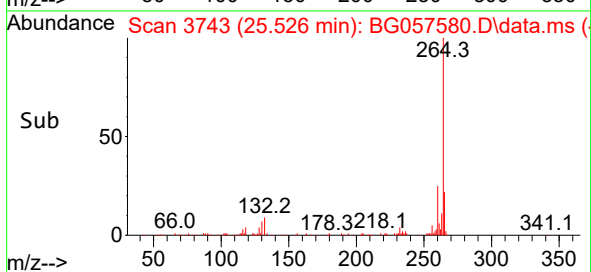
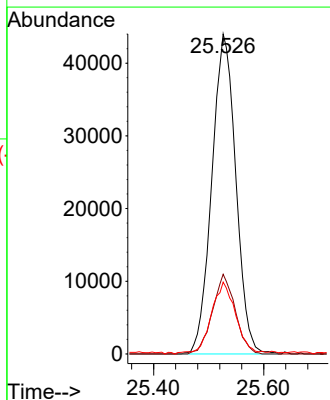
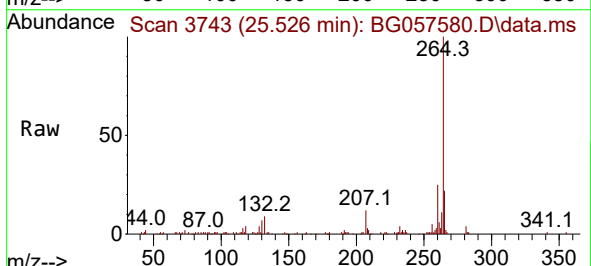
Manual Integrations
APPROVED

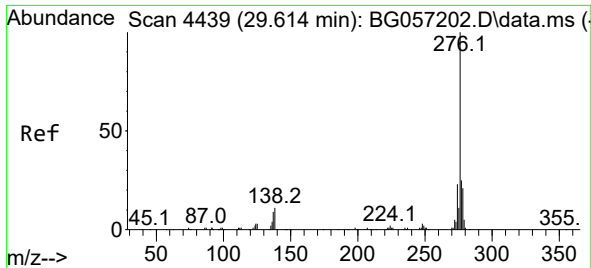
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.526 min Scan# 3743
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

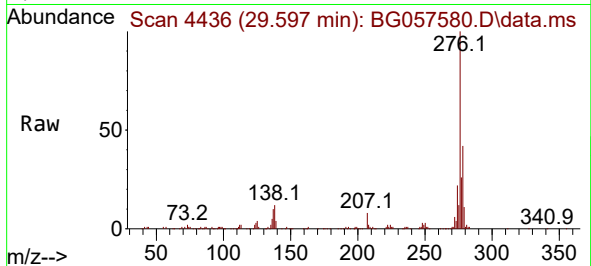
Tgt Ion:264 Resp: 133308
Ion Ratio Lower Upper
264 100
260 24.9 18.8 28.2
265 22.4 17.9 26.9





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.034 ng
 RT: 29.597 min Scan# 4439
 Delta R.T. 0.016 min
 Lab File: BG057580.D
 Acq: 26 May 2023 11:09

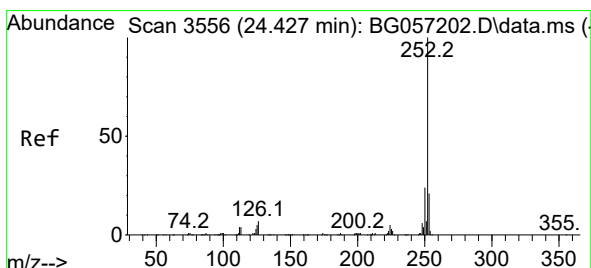
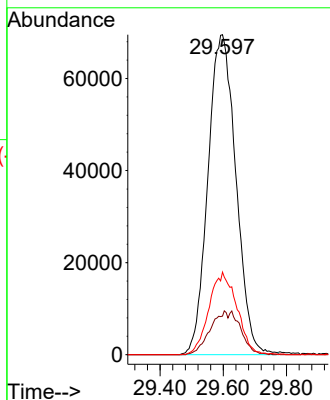
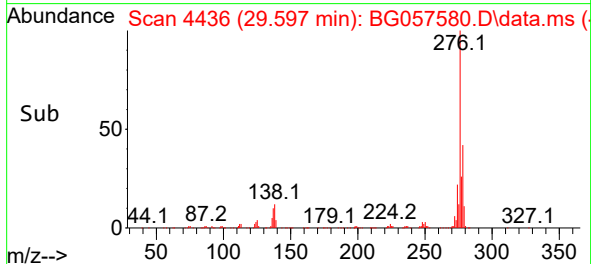
Instrument :
 BNA_G
 ClientSampleId :
 PB153043BS



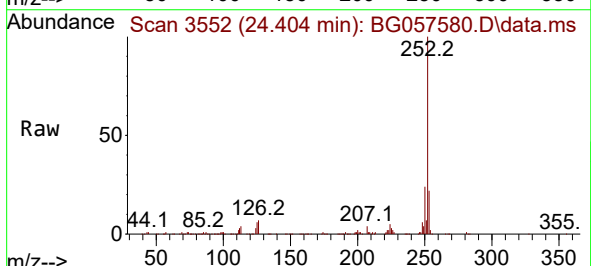
Tgt Ion:276 Resp: 42782
 Ion Ratio Lower Upper
 276 100
 138 8.7 5.4 8.0
 277 25.7 20.6 30.8

Manual Integrations
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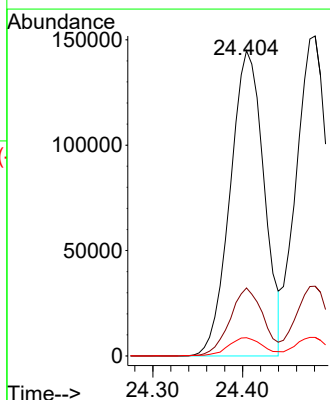
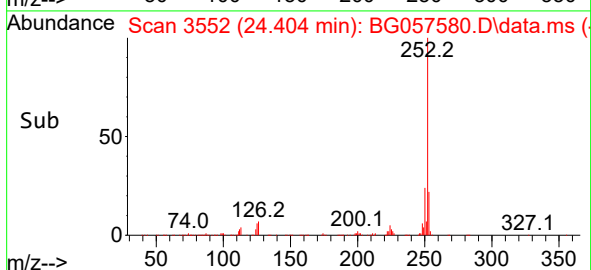
Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Jagrut Upadhyay 05/31/2023

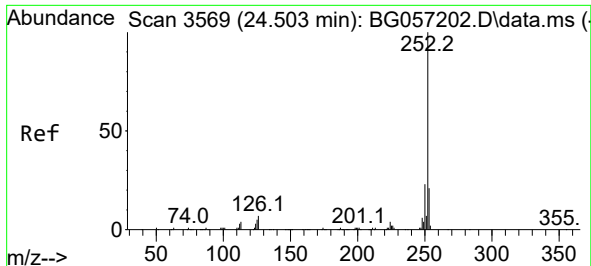


#88
 Benzo(b)fluoranthene
 Concen: 43.579 ng
 RT: 24.404 min Scan# 3552
 Delta R.T. 0.004 min
 Lab File: BG057580.D
 Acq: 26 May 2023 11:09



Tgt Ion:252 Resp: 379756
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.0 25.6
 125 6.0 4.2 6.2





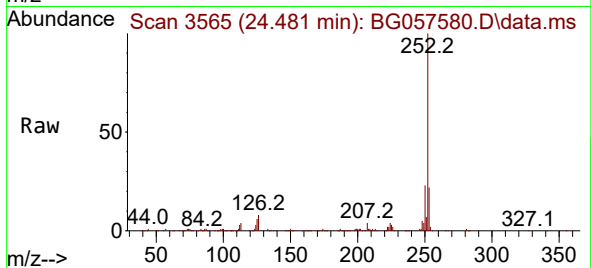
#89
Benzo(k)fluoranthene
Concen: 42.398 ng
RT: 24.481 min Scan# 3015
Delta R.T. 0.010 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

PB153043BS

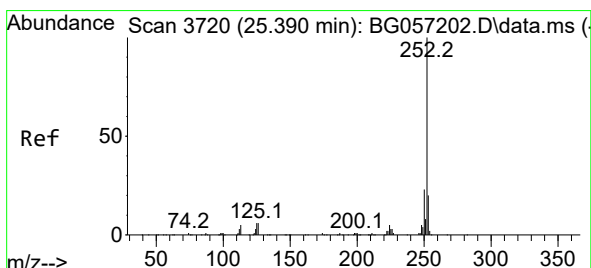
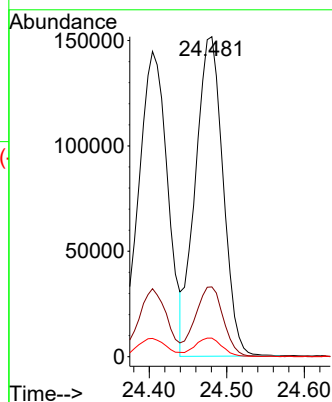
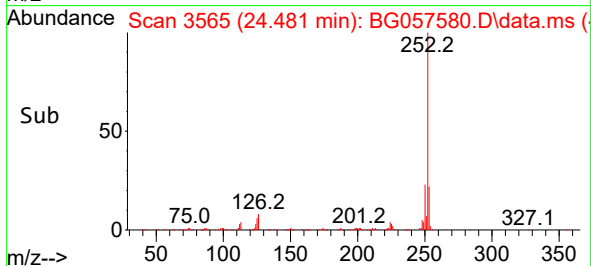


Tgt Ion:252 Resp: 375440
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 5.8 4.1 6.1

Manual Integrations

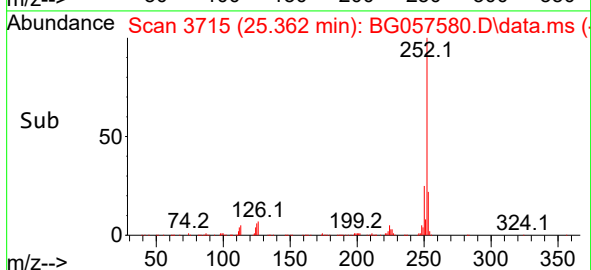
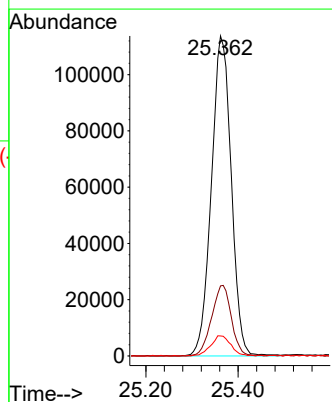
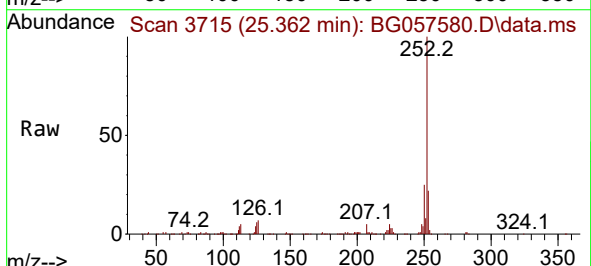
APPROVED

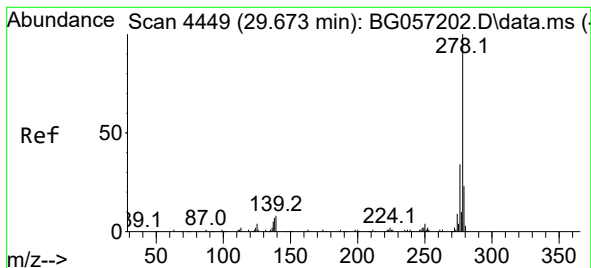
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#90
Benzo(a)pyrene
Concen: 39.891 ng
RT: 25.362 min Scan# 3715
Delta R.T. 0.004 min
Lab File: BG057580.D
Acq: 26 May 2023 11:09

Tgt Ion:252 Resp: 339611
Ion Ratio Lower Upper
252 100
253 21.9 16.3 24.5
125 6.3 5.0 7.4





#91

Dibenzo(a,h)anthracene

Concen: 44.758 ng

RT: 29.644 min Scan# 4444

Delta R.T. 0.010 min

Lab File: BG057580.D

Acq: 26 May 2023 11:09

Instrument :

BNA_G

ClientSampleId :

PB153043BS

Tgt Ion:278 Resp: 362140

Ion Ratio Lower Upper

278 100

139 8.7 6.2 9.2

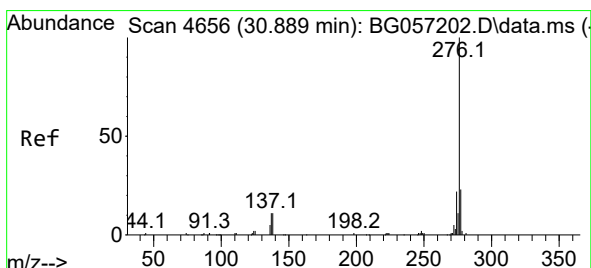
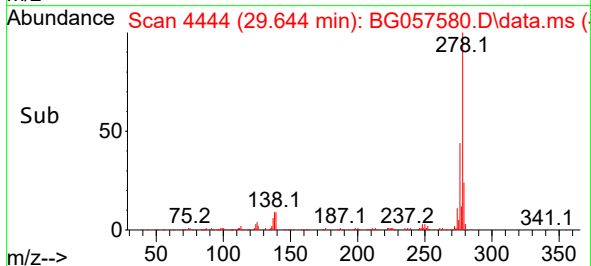
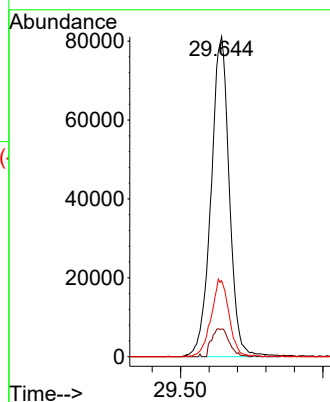
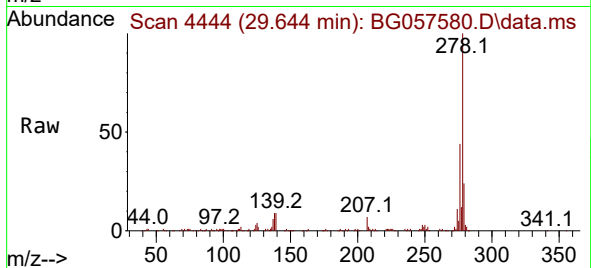
279 23.8 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#92

Benzo(g,h,i)perylene

Concen: 43.941 ng

RT: 30.872 min Scan# 4653

Delta R.T. 0.016 min

Lab File: BG057580.D

Acq: 26 May 2023 11:09

Tgt Ion:276 Resp: 347153

Ion Ratio Lower Upper

276 100

277 24.2 18.4 27.6

138 13.0 9.0 13.4

