

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052623\
 Data File : BG057582.D
 Acq On : 26 May 2023 12:30
 Operator : CG/JU
 Sample : PB153012BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153012BS

Manual Integrations
 APPROVED

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

Quant Time: May 26 15:05:06 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	8.354	152	16117	20.000	ng	0.00
21) Naphthalene-d8	11.192	136	69555	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	59066	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	149755	20.000	ng	0.00
76) Chrysene-d12	22.024	240	127157	20.000	ng	0.00
86) Perylene-d12	25.525	264	138045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	117892	125.127	ng	0.00
7) Phenol-d6	7.503	99	180069	125.858	ng	0.00
23) Nitrobenzene-d5	9.535	82	106513	64.272	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	96403	115.028	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	288888	65.871	ng	0.00
79) Terphenyl-d14	20.279	244	531770	68.247	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.661	88	16676	42.807	ng	95
3) Pyridine	4.084	79	45359	36.231	ng	96
4) n-Nitrosodimethylamine	3.995	42	21765	36.994	ng	# 76
6) Aniline	7.667	93	70905	39.066	ng	98
8) 2-Chlorophenol	7.920	128	54294	54.535	ng	98
9) Benzaldehyde	7.479	77	35099	47.581	ng	97
10) Phenol	7.532	94	77387	55.486	ng	95
11) bis(2-Chloroethyl)ether	7.755	93	47966	45.608	ng	98
12) 1,3-Dichlorobenzene	8.243	146	54410	49.517	ng	96
13) 1,4-Dichlorobenzene	8.390	146	55439	50.229	ng	93
14) 1,2-Dichlorobenzene	8.713	146	53930	50.615	ng	97
15) Benzyl Alcohol	8.595	79	59175	49.647	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.877	45	60066m	45.314	ng	
17) 2-Methylphenol	8.801	107	53354	53.069	ng	96
18) Hexachloroethane	9.447	117	19670	49.384	ng	93
19) n-Nitroso-di-n-propyla...	9.159	70	47460	43.503	ng	96
20) 3+4-Methylphenols	9.130	107	74499	54.116	ng	93
22) Acetophenone	9.188	105	86335	43.368	ng	# 94
24) Nitrobenzene	9.576	77	68734	41.092	ng	92
25) Isophorone	10.099	82	129612	40.333	ng	99
26) 2-Nitrophenol	10.299	139	32012	49.999	ng	94
27) 2,4-Dimethylphenol	10.340	122	60607	54.060	ng	99
28) bis(2-Chloroethoxy)met...	10.569	93	72688	45.151	ng	99
29) 2,4-Dichlorophenol	10.839	162	64366	54.131	ng	93
30) 1,2,4-Trichlorobenzene	11.051	180	62927	45.882	ng	97
31) Naphthalene	11.245	128	170012	45.721	ng	98
32) Benzoic acid	10.504	122	33509	51.456	ng	93
33) 4-Chloroaniline	11.350	127	55155	33.029	ng	96
34) Hexachlorobutadiene	11.515	225	42631	41.891	ng	94
35) Caprolactam	12.126	113	22247m	54.772	ng	
36) 4-Chloro-3-methylphenol	12.455	107	73330	54.267	ng	98
37) 2-Methylnaphthalene	12.825	142	130796	44.737	ng	98
38) 1-Methylnaphthalene	13.042	142	125699	45.614	ng	98
40) 1,2,4,5-Tetrachloroben...	13.183	216	89301	42.587	ng	98
41) Hexachlorocyclopentadiene	13.154	237	58548	59.813	ng	99
43) 2,4,6-Trichlorophenol	13.424	196	61922	48.471	ng	95

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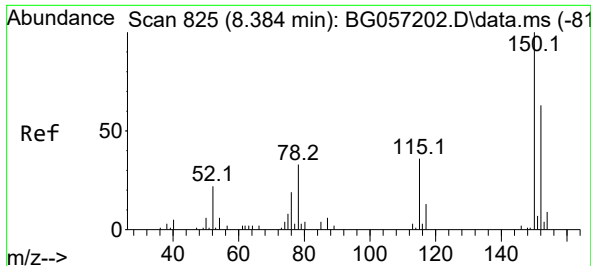
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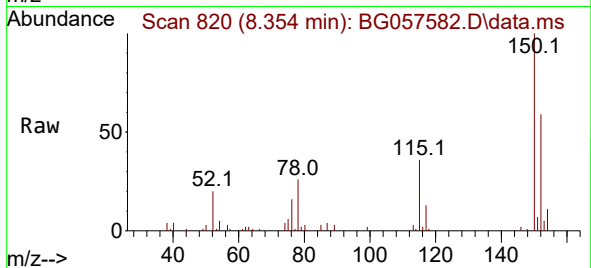
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.506	196	68183	45.373	ng	97
46) 1,1'-Biphenyl	13.812	154	194562	44.391	ng	98
47) 2-Chloronaphthalene	13.864	162	147664	45.306	ng	100
48) 2-Nitroaniline	14.064	65	49725	44.870	ng	87
49) Acenaphthylene	14.699	152	239851	45.297	ng	98
50) Dimethylphthalate	14.411	163	206083	42.458	ng	98
51) 2,6-Dinitrotoluene	14.546	165	47854	48.288	ng	# 80
52) Acenaphthene	15.039	154	147533	44.589	ng	99
53) 3-Nitroaniline	14.881	138	34264	34.512	ng	92
54) 2,4-Dinitrophenol	15.098	184	54568	88.365	ng	95
55) Dibenzofuran	15.368	168	248940	44.779	ng	100
56) 4-Nitrophenol	15.192	139	63508	96.178	ng	92
57) 2,4-Dinitrotoluene	15.333	165	66644	47.054	ng	96
58) Fluorene	16.015	166	206493	45.094	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.597	232	64504	47.346	ng	99
60) Diethylphthalate	15.756	149	212576	43.126	ng	98
61) 4-Chlorophenyl-phenyle...	15.991	204	116584	42.262	ng	97
62) 4-Nitroaniline	16.038	138	45408	45.336	ng	91
63) Azobenzene	16.285	77	195063	41.014	ng	96
65) 4,6-Dinitro-2-methylph...	16.103	198	43365	48.502	ng	96
66) n-Nitrosodiphenylamine	16.208	169	182913	44.971	ng	97
67) 4-Bromophenyl-phenylether	16.884	248	80097	43.814	ng	98
68) Hexachlorobenzene	17.019	284	84047	47.310	ng	98
69) Atrazine	17.142	200	81734	52.679	ng	95
70) Pentachlorophenol	17.366	266	79240	77.395	ng	97
71) Phenanthrene	17.759	178	348708	45.442	ng	100
72) Anthracene	17.847	178	354658	45.042	ng	98
73) Carbazole	18.118	167	311934	47.058	ng	98
74) Di-n-butylphthalate	18.629	149	351964	46.149	ng	# 97
75) Fluoranthene	19.745	202	414899	43.472	ng	99
77) Benzidine	19.909	184	221365	77.869	ng	99
78) Pyrene	20.109	202	419296	45.378	ng	99
80) Butylbenzylphthalate	20.955	149	147148	50.191	ng	96
81) Benzo(a)anthracene	22.001	228	397724	43.901	ng	100
82) 3,3'-Dichlorobenzidine	21.895	252	103446	35.649	ng	99
83) Chrysene	22.071	228	365679	42.900	ng	99
84) Bis(2-ethylhexyl)phtha...	21.836	149	205564	47.390	ng	100
85) Di-n-octyl phthalate	23.128	149	347487	48.051	ng	97
87) Indeno(1,2,3-cd)pyrene	29.596	276	443378	44.069	ng	# 95
88) Benzo(b)fluoranthene	24.403	252	396554	43.945	ng	98
89) Benzo(k)fluoranthene	24.480	252	392209m	42.771	ng	
90) Benzo(a)pyrene	25.361	252	352455	39.979	ng	98
91) Dibenzo(a,h)anthracene	29.643	278	368802	44.017	ng	98
92) Benzo(g,h,i)perylene	30.865	276	359516	43.945	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.354 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

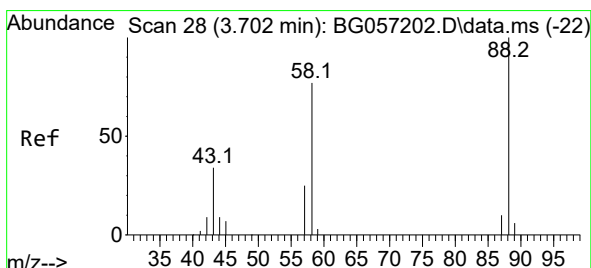
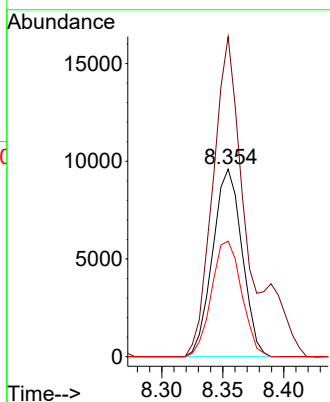
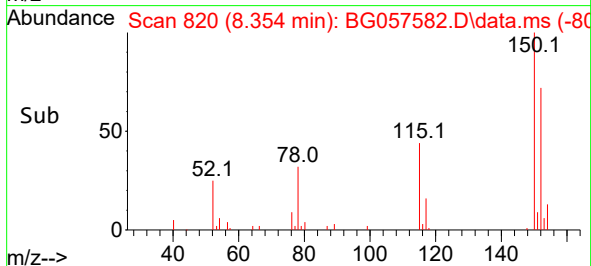
Instrument :
BNA_G
ClientSampleId :
PB153012BS



Tgt Ion:152 Resp: 1611
Ion Ratio Lower Upper
152 100
150 170.6 126.2 189.4
115 61.6 45.0 67.4

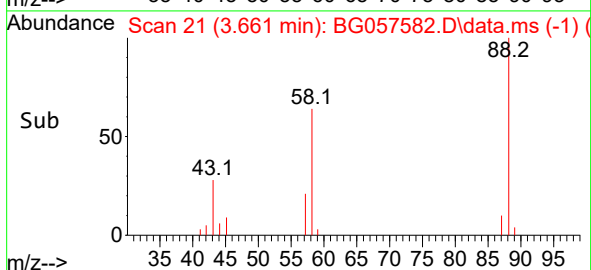
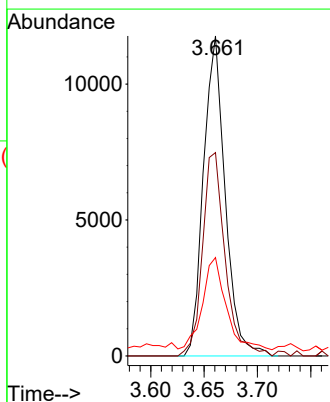
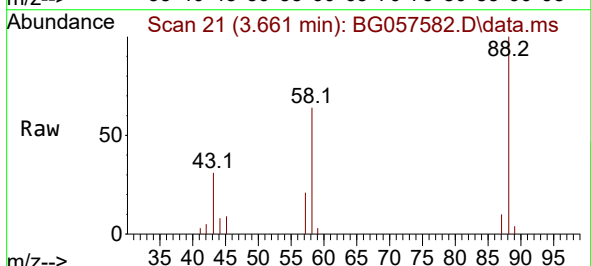
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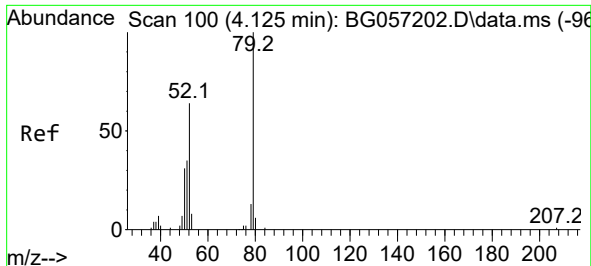
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#2
1,4-Dioxane
Concen: 42.807 ng
RT: 3.661 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

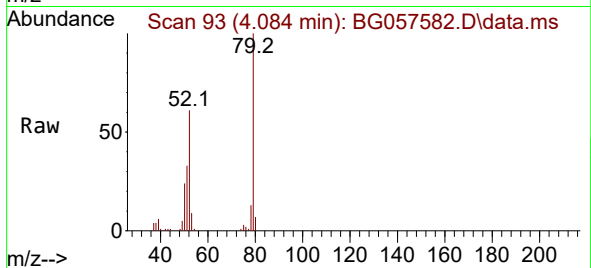
Tgt Ion: 88 Resp: 16676
Ion Ratio Lower Upper
88 100
58 66.3 57.1 85.7
43 31.6 24.4 36.6





#3
Pyridine
Concen: 36.231 ng
RT: 4.084 min Scan# 91
Delta R.T. -0.015 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

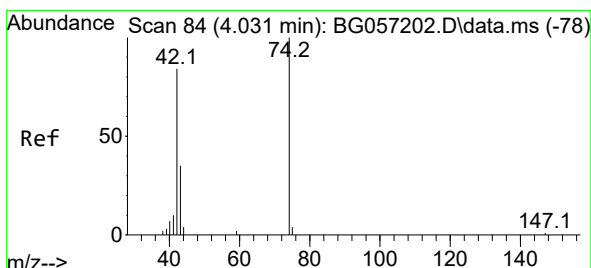
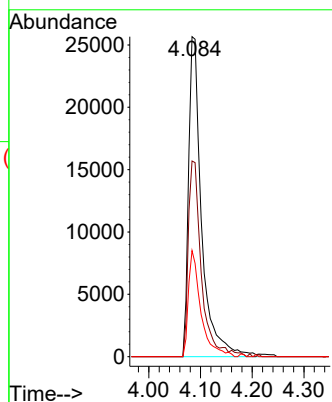
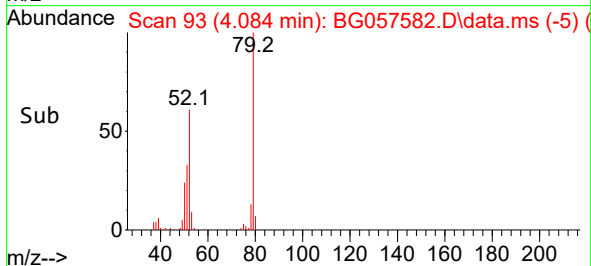
Instrument :
BNA_G
ClientSampleId :
PB153012BS



Tgt Ion: 79 Resp: 4535
Ion Ratio Lower Upper
79 100
52 61.2 51.4 77.0
51 33.1 28.0 42.0

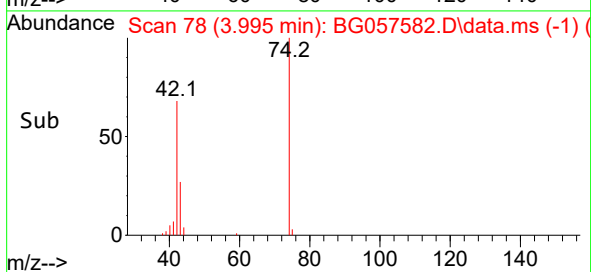
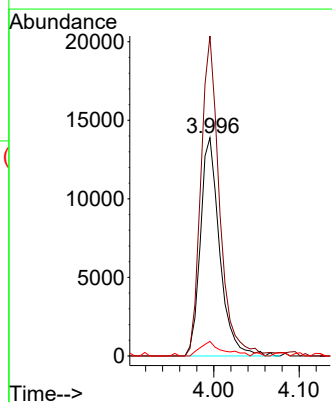
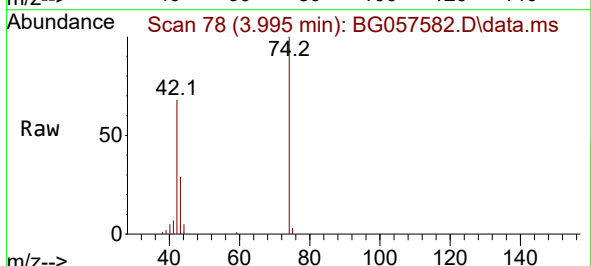
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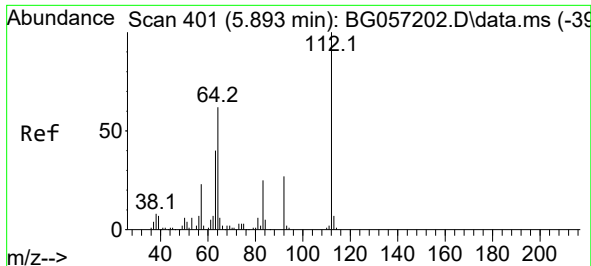
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#4
n-Nitrosodimethylamine
Concen: 36.994 ng
RT: 3.995 min Scan# 78
Delta R.T. -0.009 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

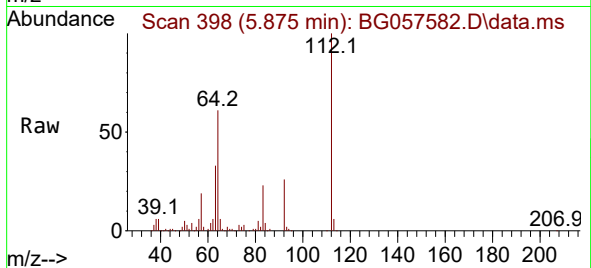
Tgt Ion: 42 Resp: 21765
Ion Ratio Lower Upper
42 100
74 146.6 95.1 142.7#
44 6.6 5.8 8.8





#5
2-Fluorophenol
Concen: 125.127 ng
RT: 5.875 min Scan# 398
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

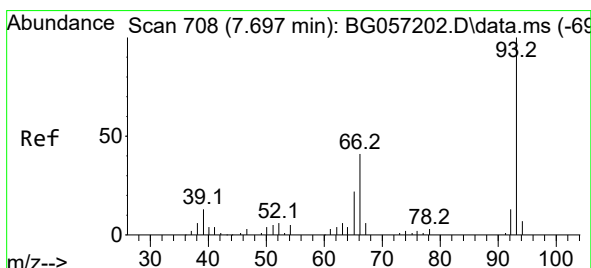
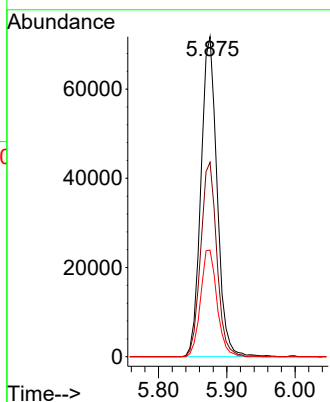
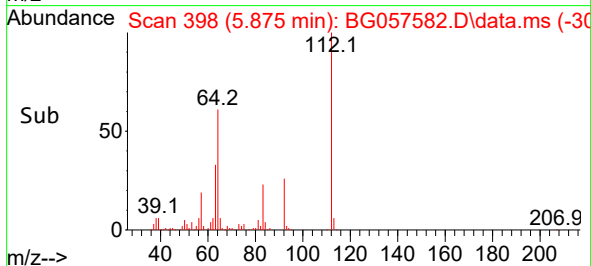
Instrument :
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Tgt Ion: 112 Resp: 117892
Ion Ratio Lower Upper
112 100
64 60.7 49.4 74.2
63 33.3 31.6 47.4

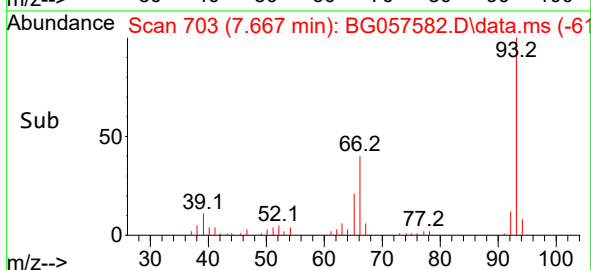
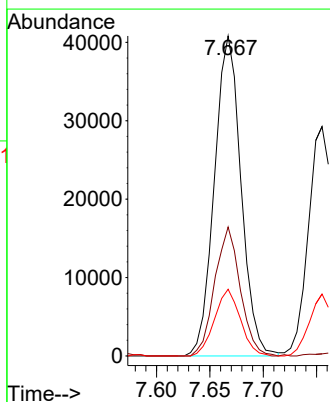
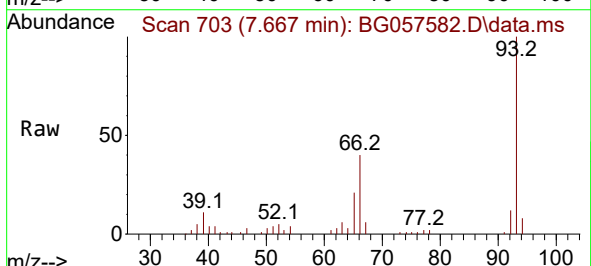
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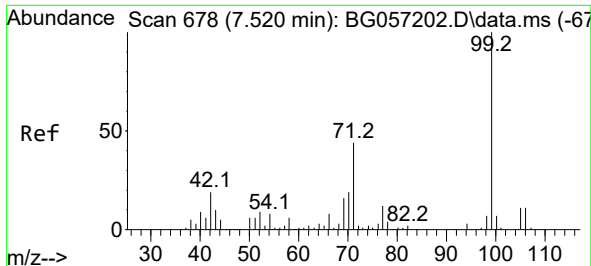
Reviewed By :Christian Giraldo 05/30/2023
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#6
Aniline
Concen: 39.066 ng
RT: 7.667 min Scan# 703
Delta R.T. -0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

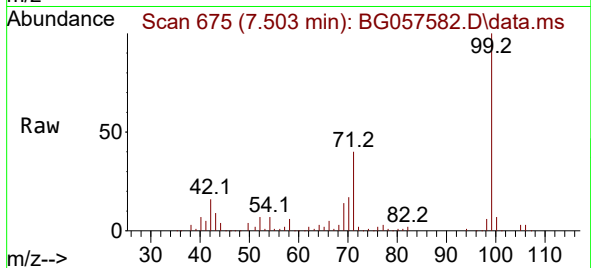
Tgt Ion: 93 Resp: 70905
Ion Ratio Lower Upper
93 100
66 40.3 33.0 49.6
65 20.9 18.0 27.0





#7
Phenol-d6
Concen: 125.858 ng
RT: 7.503 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

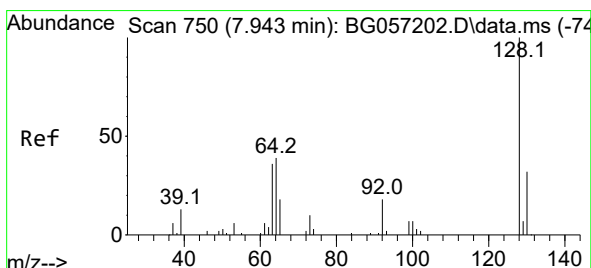
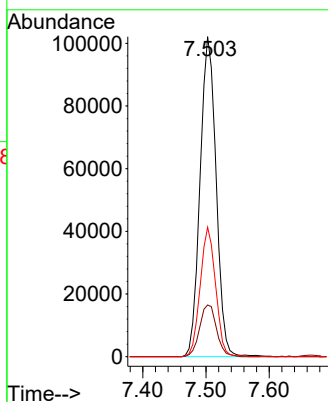
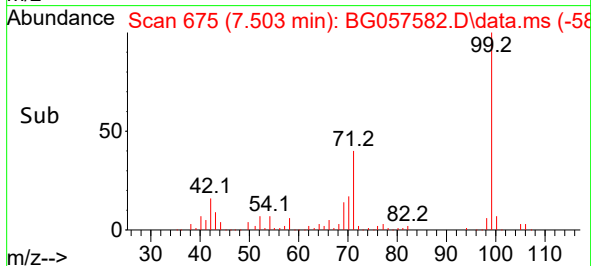
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ClientSampleId :
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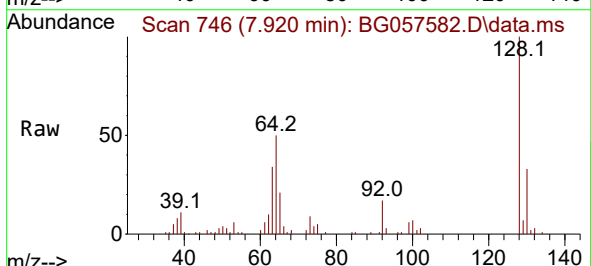
Tgt Ion: 99 Resp: 180069
Ion Ratio Lower Upper
99 100
42 16.2 15.1 22.7
71 40.4 35.2 52.8

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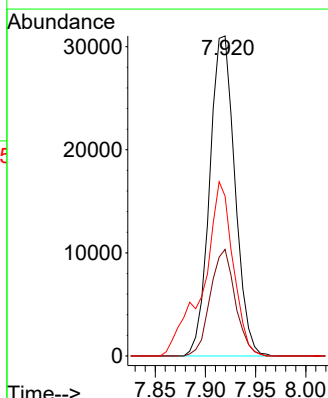
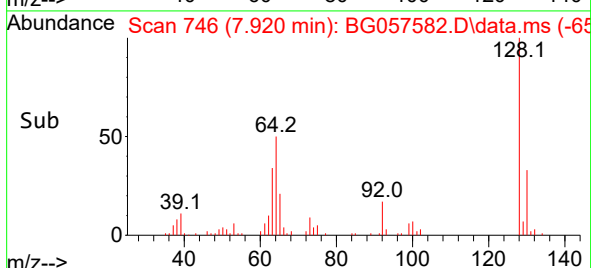
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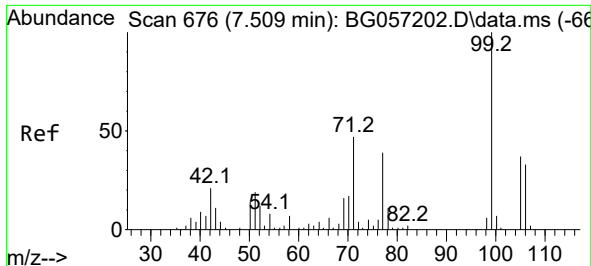


#8
2-Chlorophenol
Concen: 54.535 ng
RT: 7.920 min Scan# 746
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30



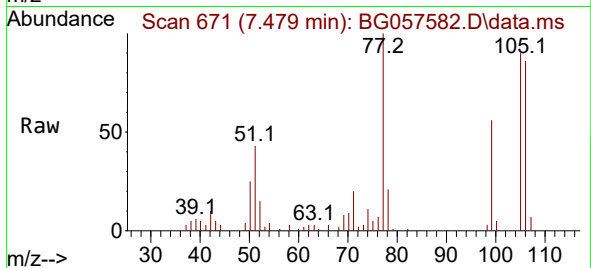
Tgt Ion:128 Resp: 54294
Ion Ratio Lower Upper
128 100
130 33.3 12.2 52.2
64 50.0 28.4 68.4





#9
Benzaldehyde
Concen: 47.581 ng
RT: 7.479 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

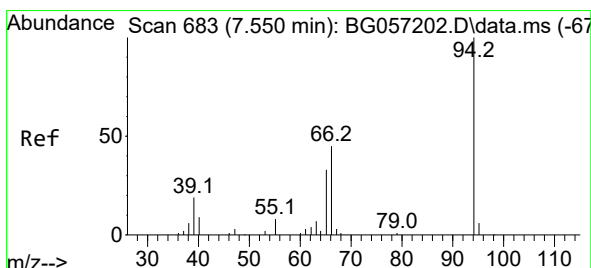
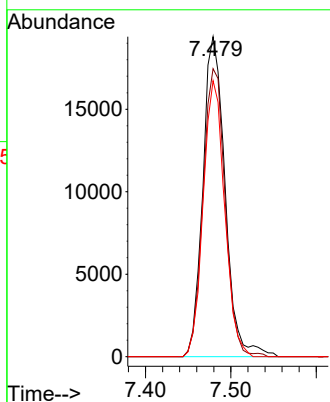
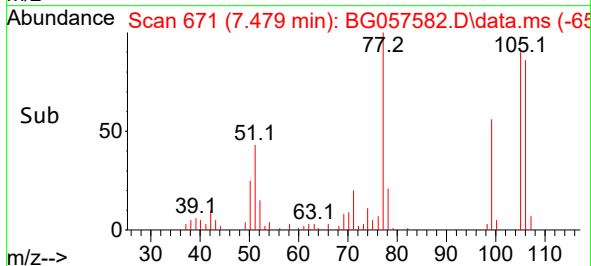
Instrument :
BNA_G
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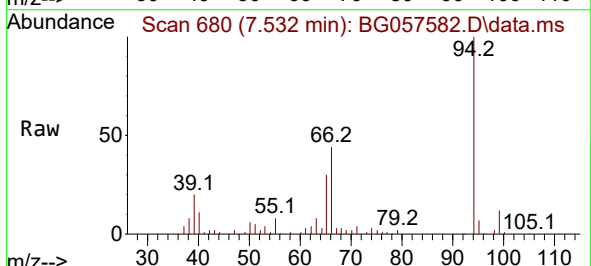
Tgt Ion: 77 Resp: 35099
Ion Ratio Lower Upper
77 100
105 90.0 74.6 114.6
106 86.3 66.3 106.3

Manual Integrations
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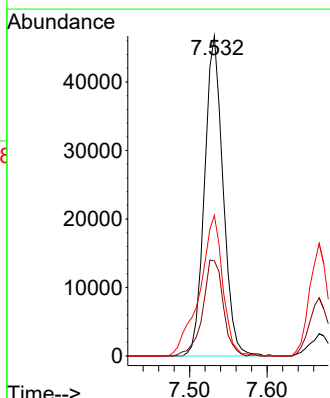
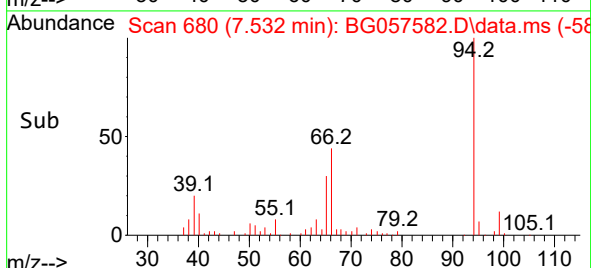
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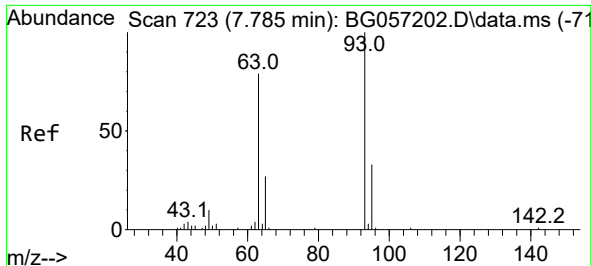


#10
Phenol
Concen: 55.486 ng
RT: 7.532 min Scan# 680
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30



Tgt Ion: 94 Resp: 77387
Ion Ratio Lower Upper
94 100
65 29.7 13.5 53.5
66 43.9 26.7 66.7





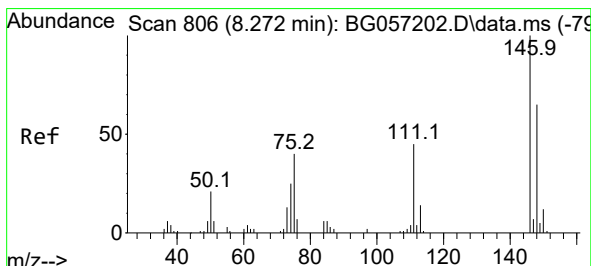
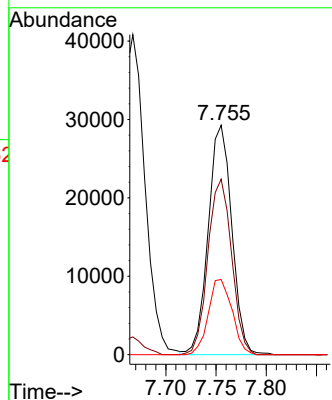
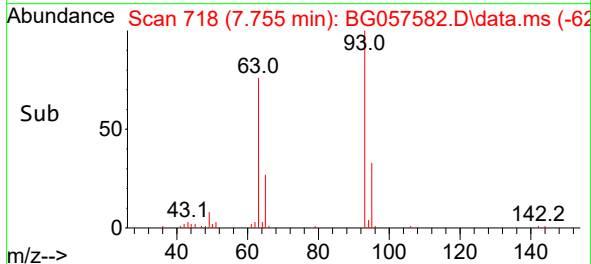
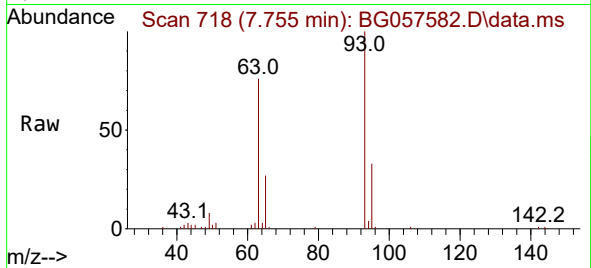
#11
bis(2-Chloroethyl)ether
Concen: 45.608 ng
RT: 7.755 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Instrument :
BNA_G
ClientSampleId :
PB153012BS

Tgt Ion: 93 Resp: 47960
Ion Ratio Lower Upper
93 100
63 76.5 58.6 98.6
95 32.8 12.2 52.2

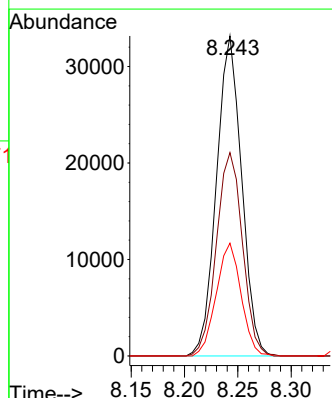
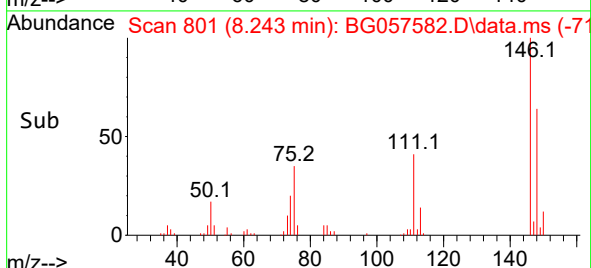
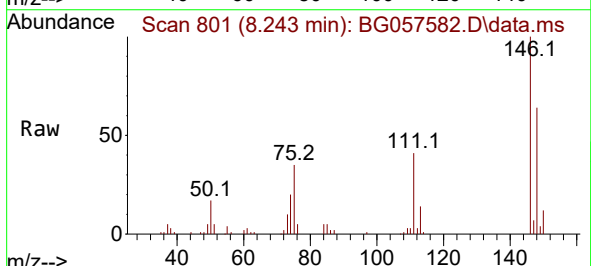
Manual Integrations
APPROVED

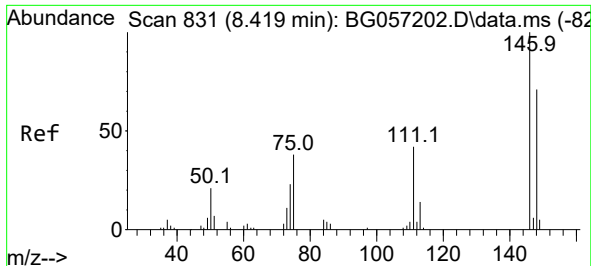
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#12
1,3-Dichlorobenzene
Concen: 49.517 ng
RT: 8.243 min Scan# 801
Delta R.T. -0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Tgt Ion:146 Resp: 54410
Ion Ratio Lower Upper
146 100
148 63.5 52.2 78.2
75 35.3 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 50.229 ng

RT: 8.390 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG057582.D

Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

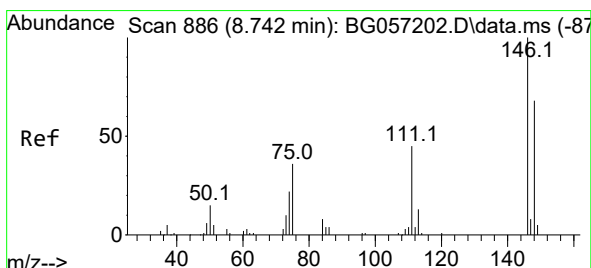
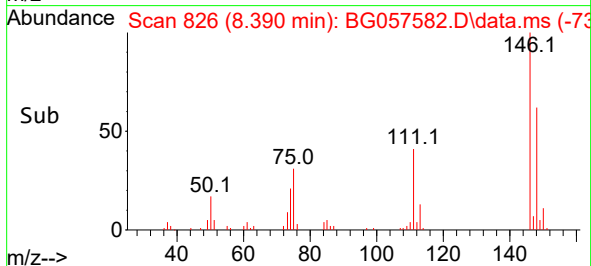
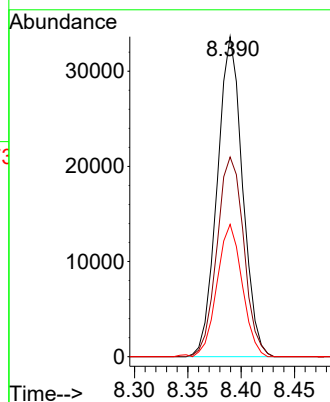
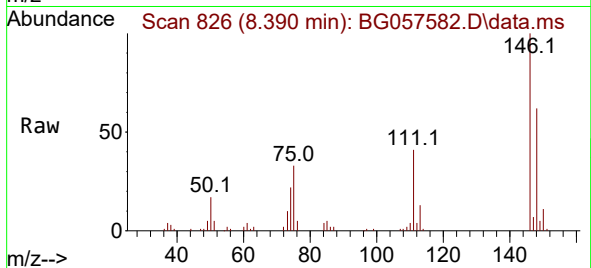
PB153012BS

Tgt Ion:146 Resp: 55439
 Ion Ratio Lower Upper
 146 100
 148 62.4 56.4 84.6
 111 41.3 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: 50.615 ng

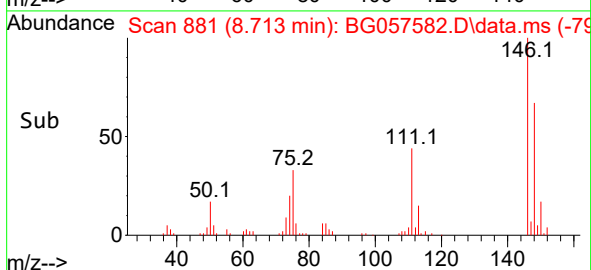
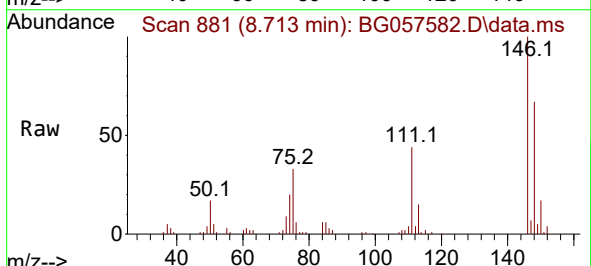
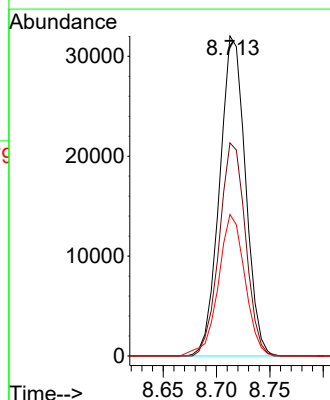
RT: 8.713 min Scan# 881

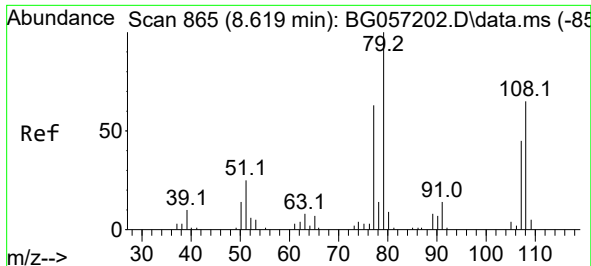
Delta R.T. -0.003 min

Lab File: BG057582.D

Acq: 26 May 2023 12:30

Tgt Ion:146 Resp: 53930
 Ion Ratio Lower Upper
 146 100
 148 66.6 54.6 82.0
 111 44.2 37.2 55.8





#15
Benzyl Alcohol
Concen: 49.647 ng
RT: 8.595 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

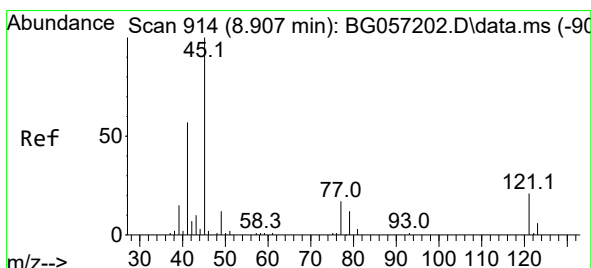
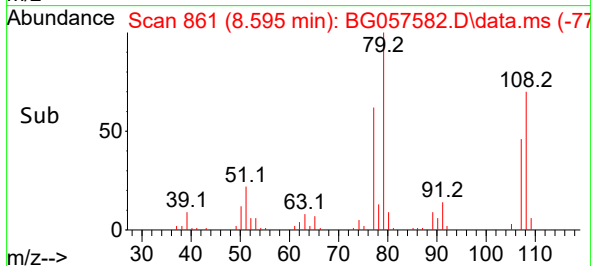
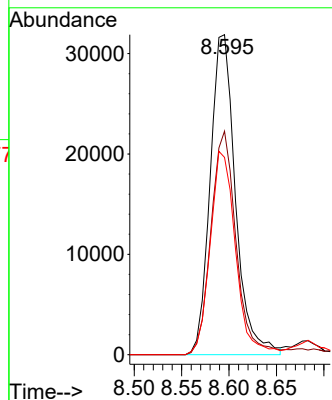
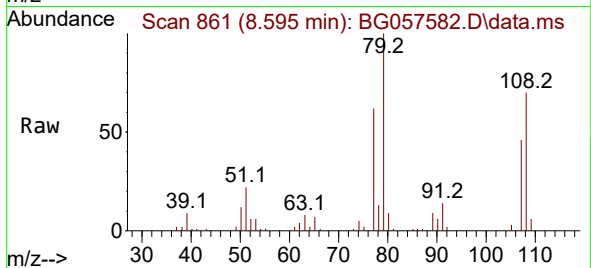
PB153012BS

Tgt Ion: 79 Resp: 5917
Ion Ratio Lower Upper
79 100
108 69.8 52.2 78.2
77 61.6 50.1 75.1

Manual Integrations

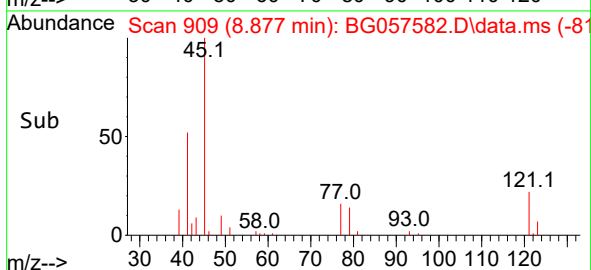
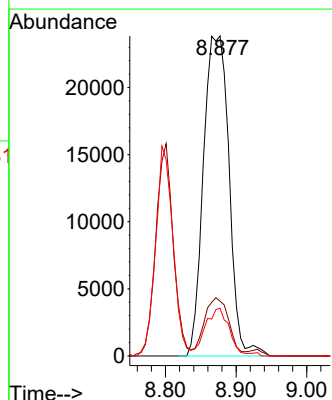
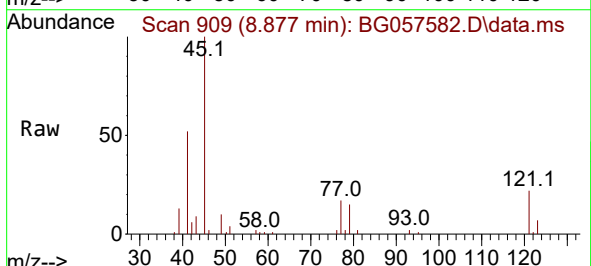
APPROVED

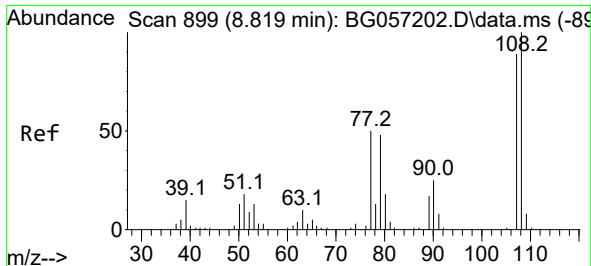
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.314 ng m
RT: 8.877 min Scan# 909
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Tgt Ion: 45 Resp: 60066
Ion Ratio Lower Upper
45 100
77 17.2 0.0 38.5
79 14.9 0.0 33.8





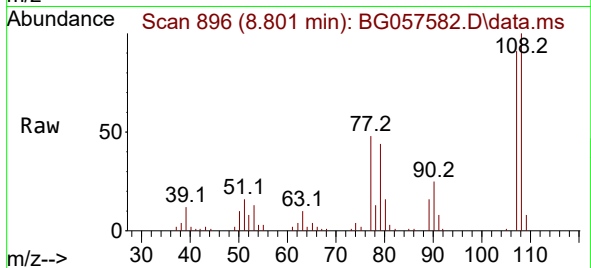
#17
2-Methylphenol
Concen: 53.069 ng
RT: 8.801 min Scan# 899
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

PB153012BS

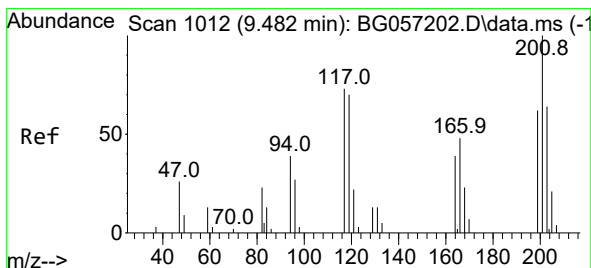
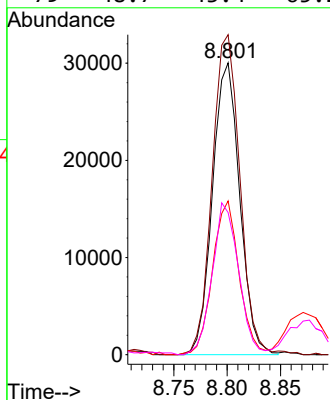
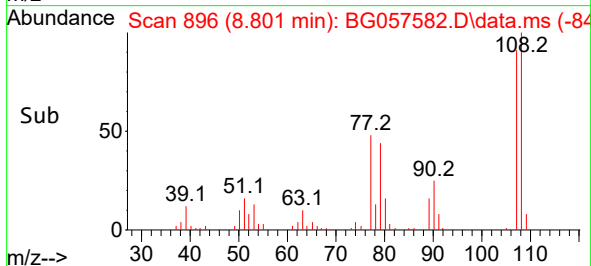


Tgt Ion:107 Resp: 53354
Ion Ratio Lower Upper
107 100
108 109.7 89.5 134.3
77 52.7 45.1 67.7
79 48.7 43.4 65.2

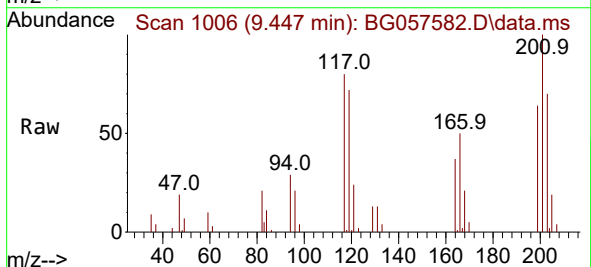
Manual Integrations

APPROVED

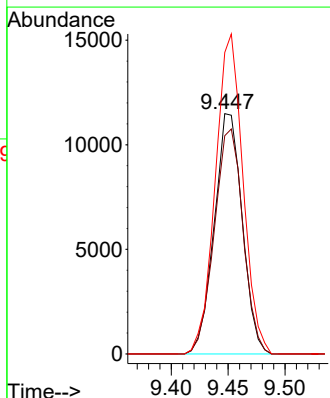
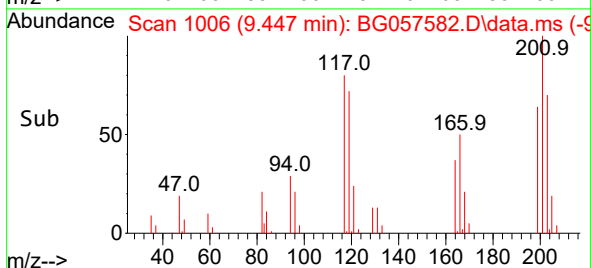
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

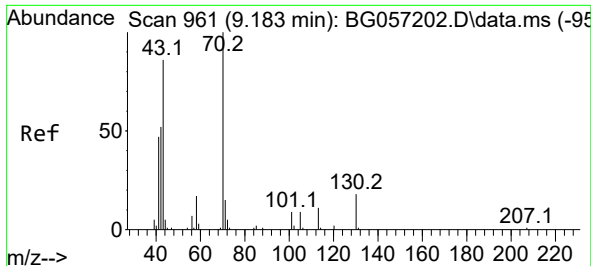


#18
Hexachloroethane
Concen: 49.384 ng
RT: 9.447 min Scan# 1006
Delta R.T. -0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30



Tgt Ion:117 Resp: 19670
Ion Ratio Lower Upper
117 100
119 90.8 76.7 115.1
201 125.4 109.0 163.4





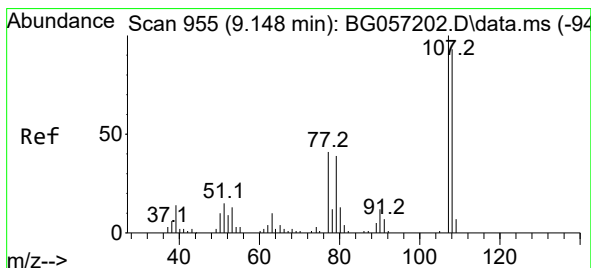
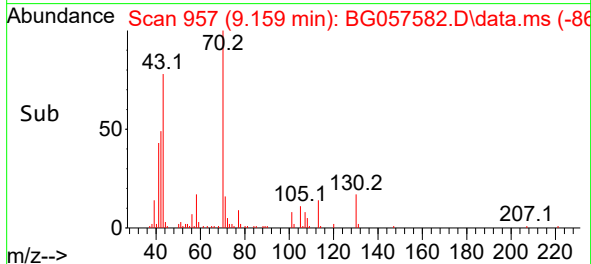
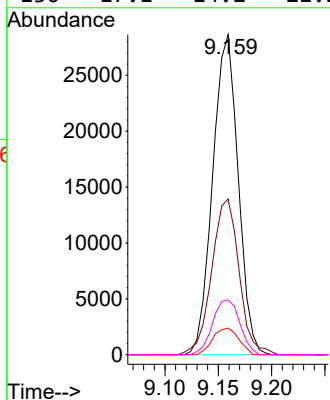
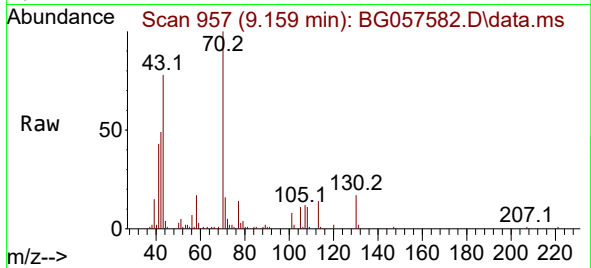
#19
n-Nitroso-di-n-propylamine
Concen: 43.503 ng
RT: 9.159 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Instrument :
BNA_G
ClientSampleId :
PB153012BS

Tgt Ion: 70 Resp: 47460
Ion Ratio Lower Upper
70 100
42 48.6 41.8 62.8
101 8.3 6.8 10.2
130 17.1 14.2 21.2

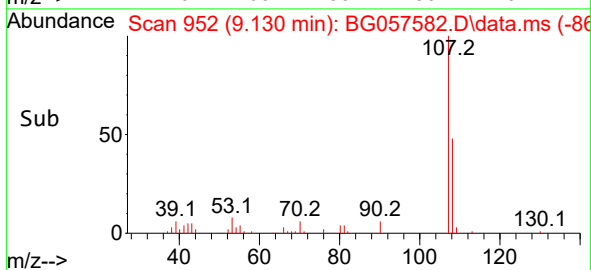
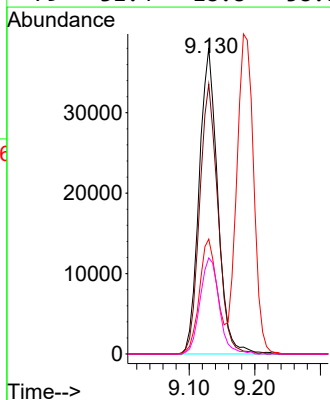
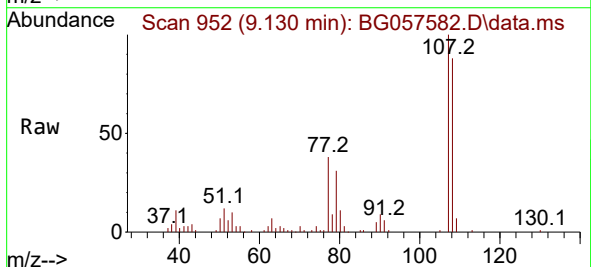
Manual Integrations
APPROVED

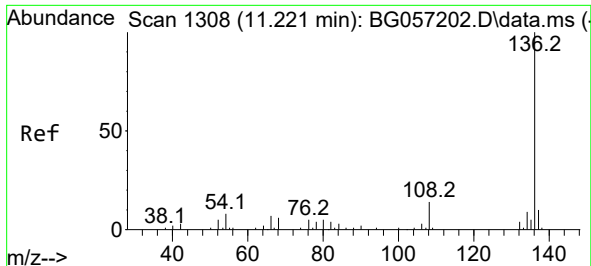
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#20
3+4-Methylphenols
Concen: 54.116 ng
RT: 9.130 min Scan# 952
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Tgt Ion:107 Resp: 74499
Ion Ratio Lower Upper
107 100
108 88.1 73.5 113.5
77 37.5 21.1 61.1
79 31.4 18.8 58.8





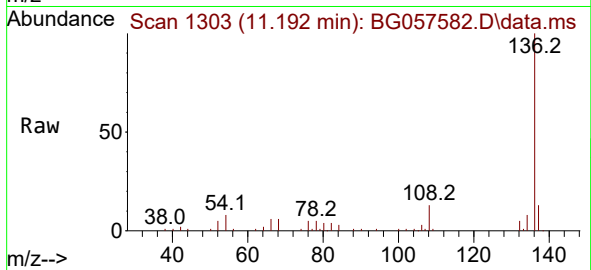
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.192 min Scan# 111
Delta R.T. -0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

PB153012BS

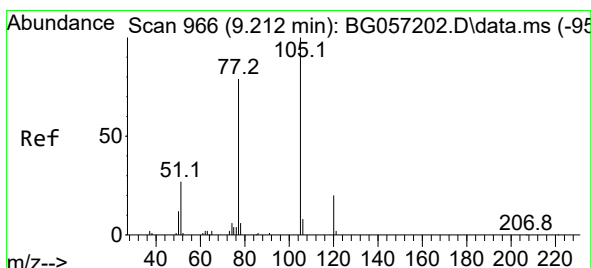
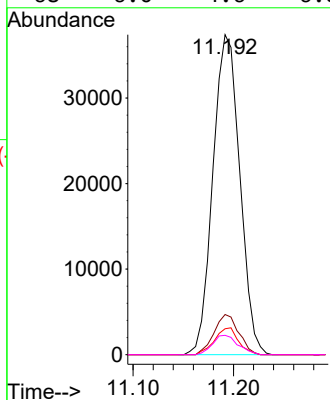
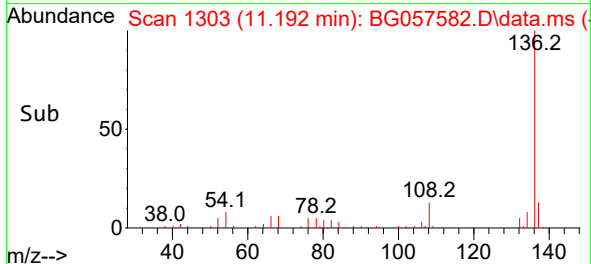


Tgt Ion:136 Resp: 6955
Ion Ratio Lower Upper
136 100
137 12.6 8.3 12.5
54 8.1 6.7 10.1
68 6.0 4.6 6.8

Manual Integrations

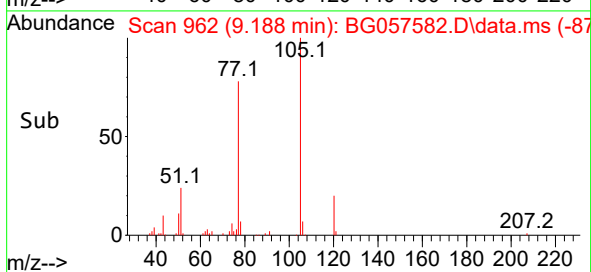
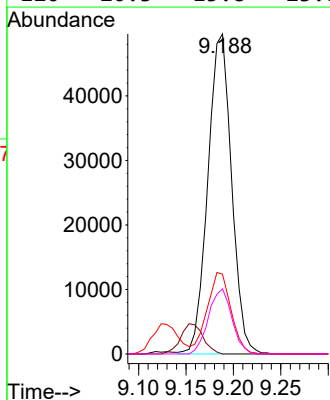
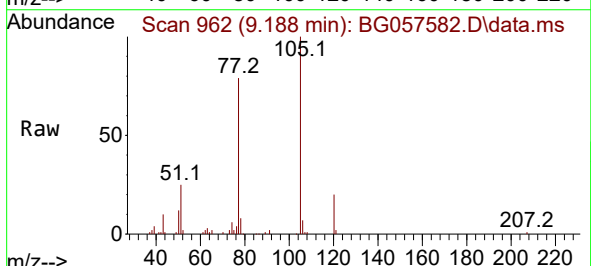
APPROVED

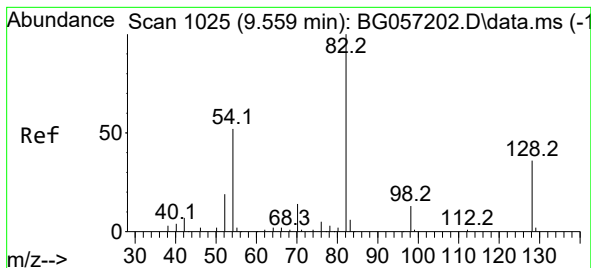
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#22
Acetophenone
Concen: 43.368 ng
RT: 9.188 min Scan# 962
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Tgt Ion:105 Resp: 86335
Ion Ratio Lower Upper
105 100
71 0.0 0.4 0.6
51 24.9 24.0 36.0
120 20.3 15.8 23.8





#23

Nitrobenzene-d5

Concen: 64.272 ng

RT: 9.535 min Scan# 1021

Delta R.T. -0.003 min

Lab File: BG057582.D

Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

PB153012BS

Tgt Ion: 82 Resp: 10651

Ion Ratio Lower Upper

82 100

128 38.6 29.0 43.4

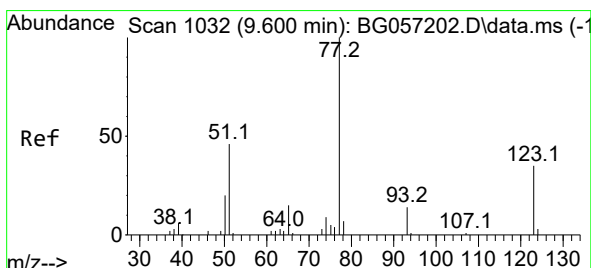
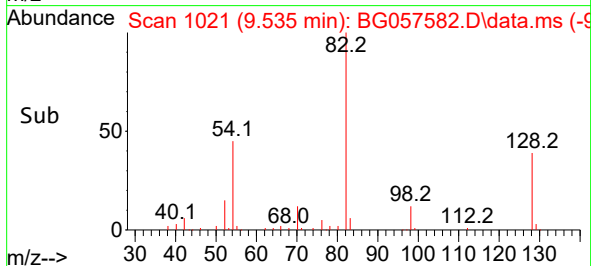
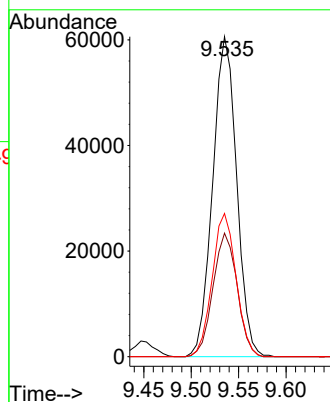
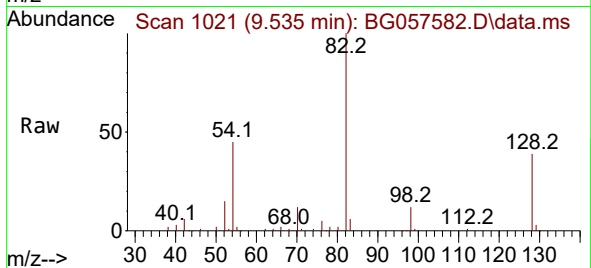
54 44.8 41.4 62.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#24

Nitrobenzene

Concen: 41.092 ng

RT: 9.576 min Scan# 1028

Delta R.T. -0.003 min

Lab File: BG057582.D

Acq: 26 May 2023 12:30

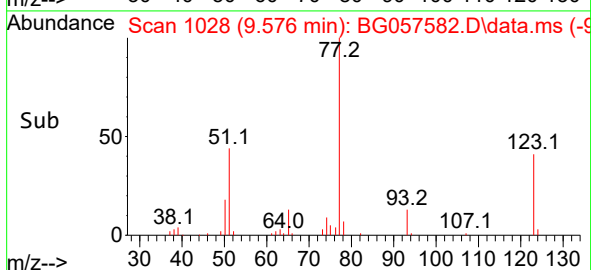
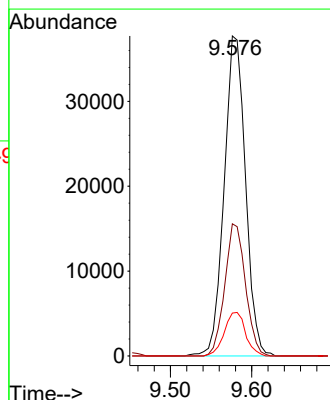
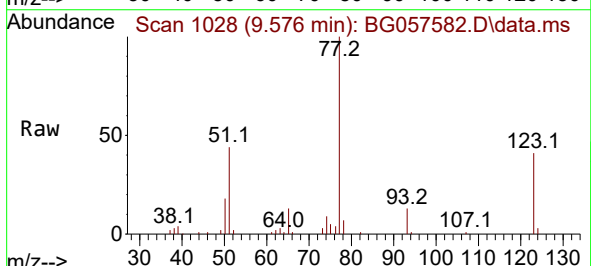
Tgt Ion: 77 Resp: 68734

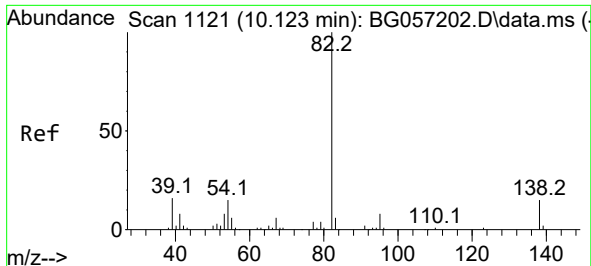
Ion Ratio Lower Upper

77 100

123 41.3 28.2 42.2

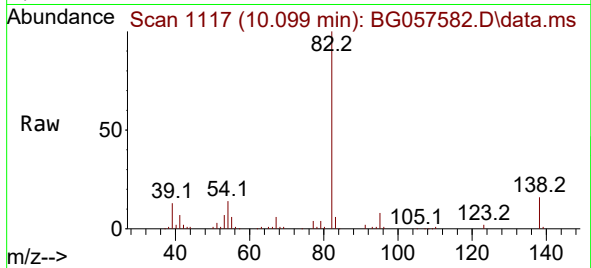
65 13.4 11.7 17.5





#25
Isophorone
Concen: 40.333 ng
RT: 10.099 min Scan# 1117
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

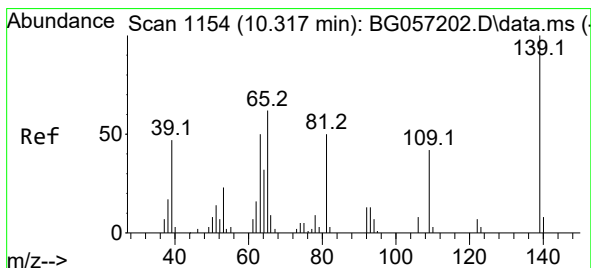
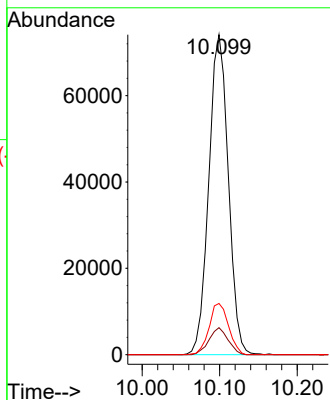
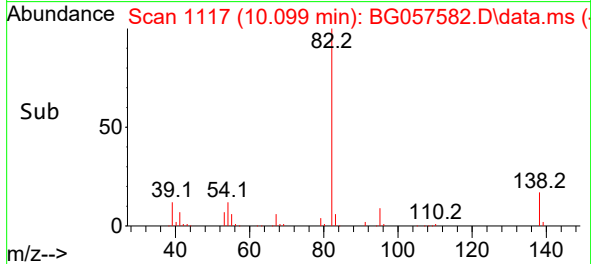
Instrument :
BNA_G
ClientSampleId :
PB153012BS



Tgt Ion: 82 Resp: 129612
Ion Ratio Lower Upper
82 100
95 8.5 6.4 9.6
138 16.0 12.3 18.5

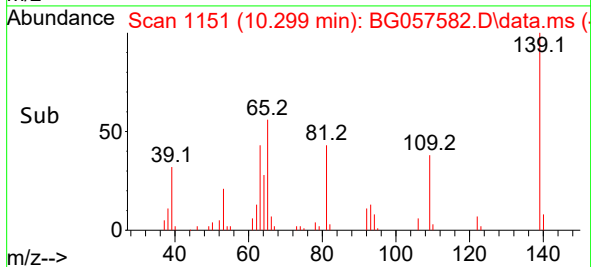
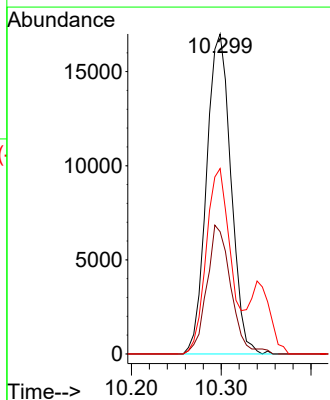
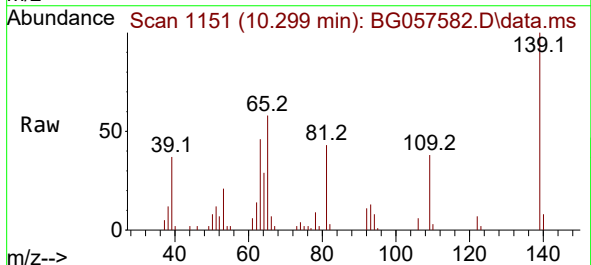
Manual Integrations
APPROVED

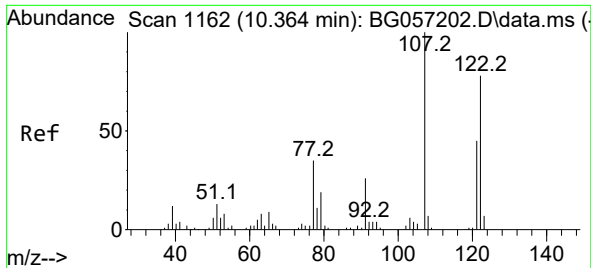
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#26
2-Nitrophenol
Concen: 49.999 ng
RT: 10.299 min Scan# 1151
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Tgt Ion:139 Resp: 32012
Ion Ratio Lower Upper
139 100
109 38.2 33.4 50.2
65 58.0 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 54.060 ng

RT: 10.340 min Scan# 1158

Delta R.T. -0.003 min

Lab File: BG057582.D

Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

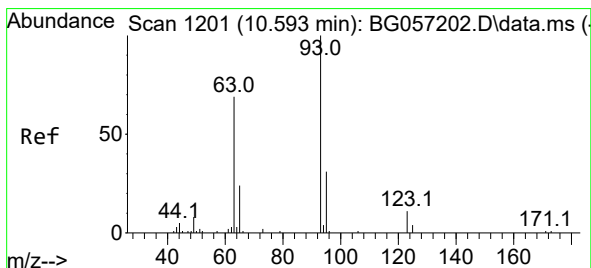
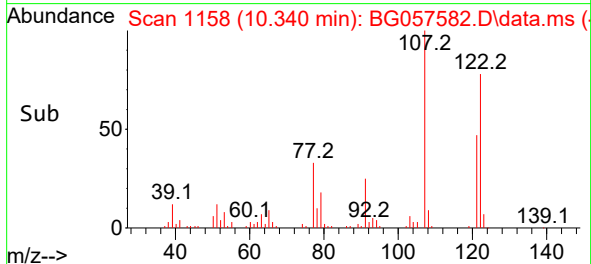
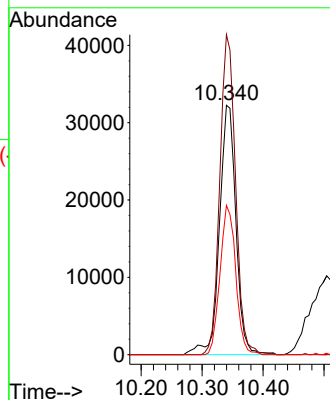
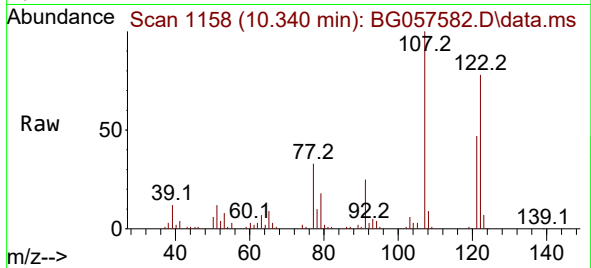
PB153012BS

Tgt Ion:	122	Resp:	6060
Ion Ratio	Lower	Upper	
122	100		
107	128.3	103.0	154.4
121	59.9	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: 45.151 ng

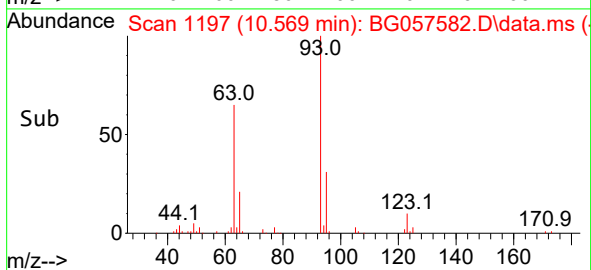
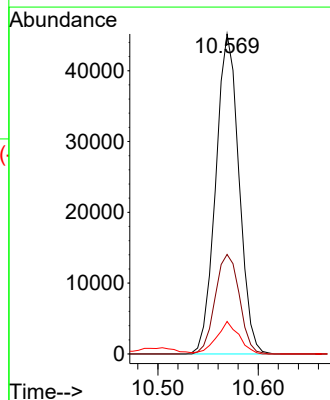
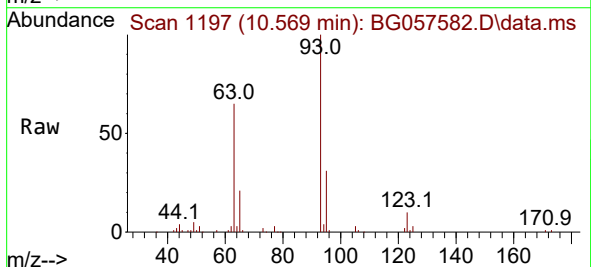
RT: 10.569 min Scan# 1197

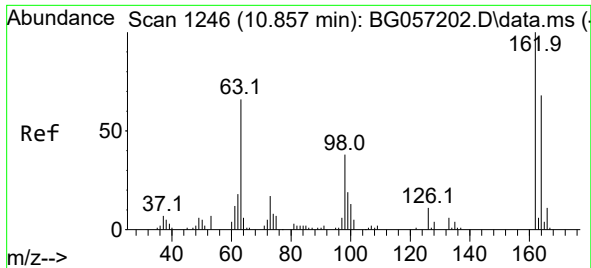
Delta R.T. -0.003 min

Lab File: BG057582.D

Acq: 26 May 2023 12:30

Tgt Ion:	93	Resp:	72688
Ion Ratio	Lower	Upper	
93	100		
95	31.1	25.0	37.6
123	10.1	8.5	12.7





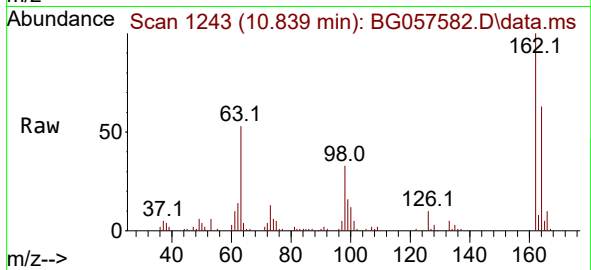
#29
2,4-Dichlorophenol
Concen: 54.131 ng
RT: 10.839 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

PB153012BS

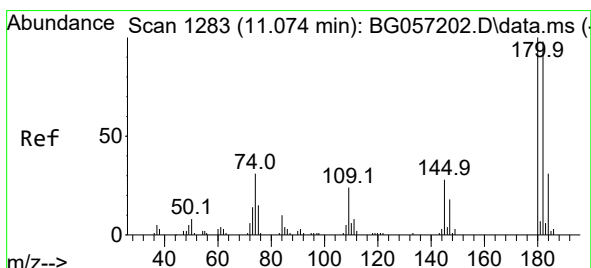
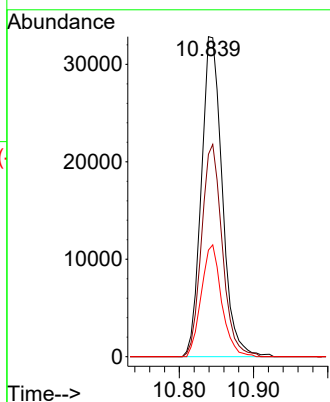
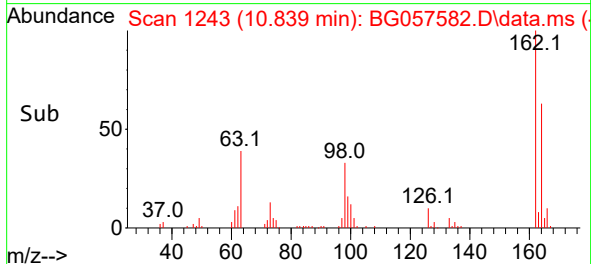


Tgt Ion:162 Resp: 64360
Ion Ratio Lower Upper
162 100
164 63.2 48.4 88.4
98 33.3 17.6 57.6

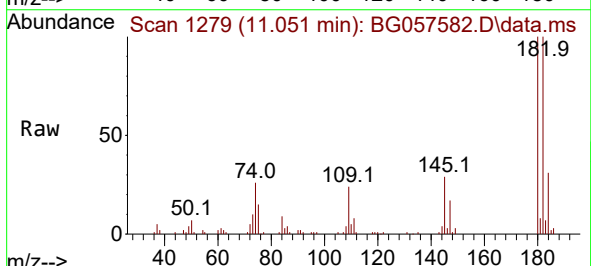
Manual Integrations

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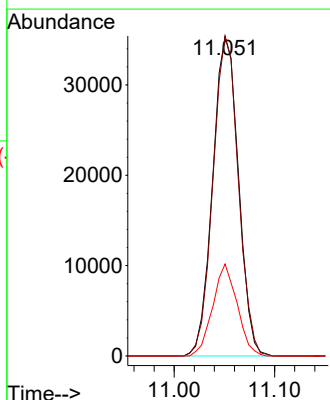
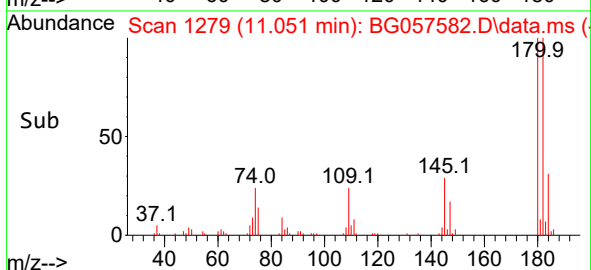
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

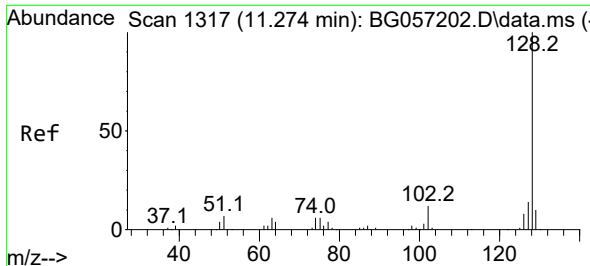


#30
1,2,4-Trichlorobenzene
Concen: 45.882 ng
RT: 11.051 min Scan# 1279
Delta R.T. -0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30



Tgt Ion:180 Resp: 62927
Ion Ratio Lower Upper
180 100
182 100.2 78.0 117.0
145 28.8 22.4 33.6





#31
Naphthalene
Concen: 45.721 ng
RT: 11.245 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

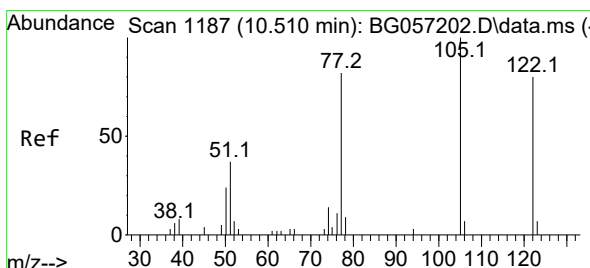
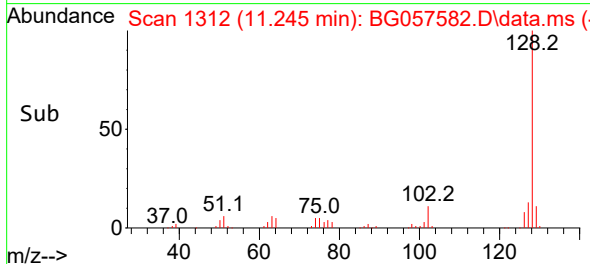
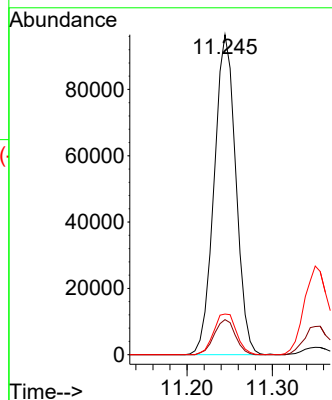
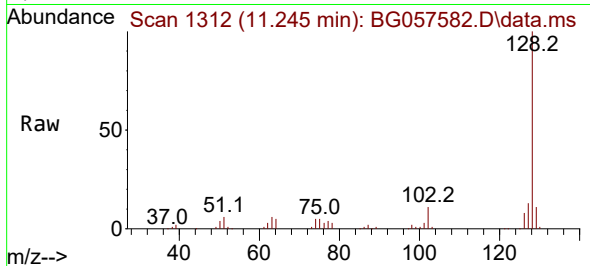
PB153012BS

Tgt Ion:128 Resp: 17001
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 12.7 11.1 16.7

Manual Integrations

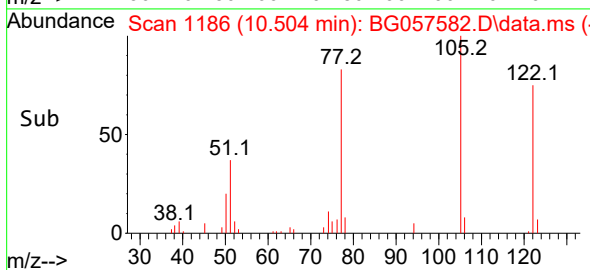
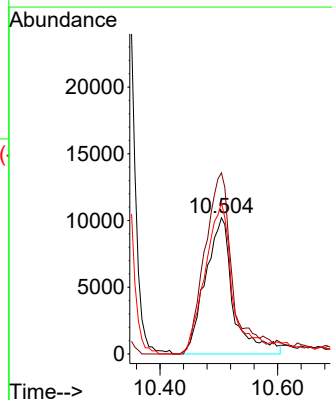
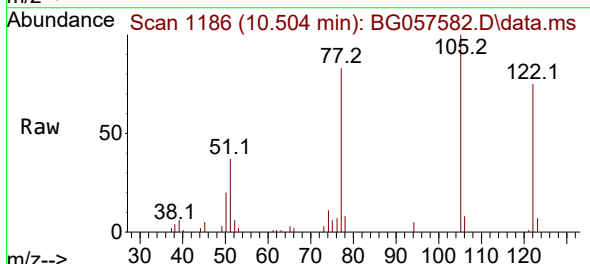
APPROVED

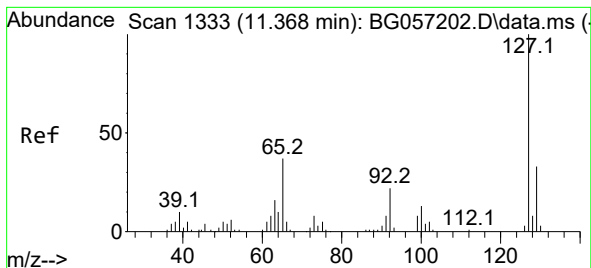
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#32
Benzoic acid
Concen: 51.456 ng
RT: 10.504 min Scan# 1186
Delta R.T. 0.009 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Tgt Ion:122 Resp: 33509
Ion Ratio Lower Upper
122 100
105 132.9 105.2 145.2
77 110.9 83.1 123.1





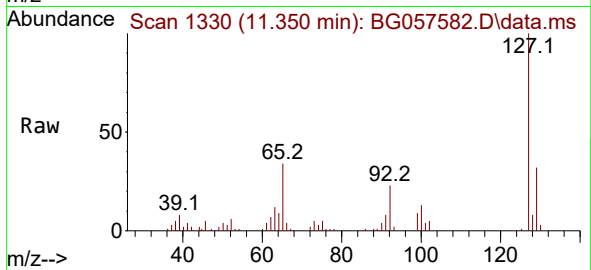
#33
4-Chloroaniline
Concen: 33.029 ng
RT: 11.350 min Scan# 1133
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

PB153012BS

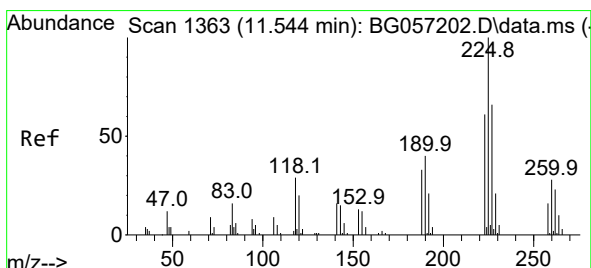
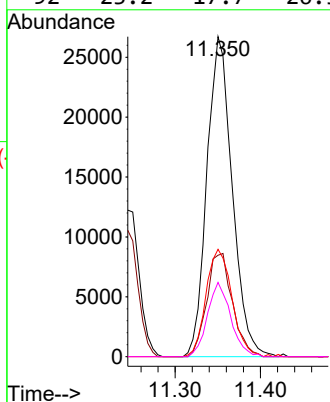
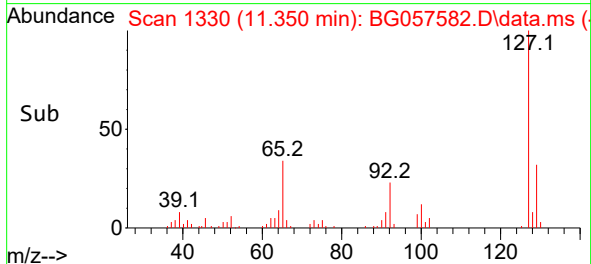


Tgt Ion:127 Resp: 5515
Ion Ratio Lower Upper
127 100
129 31.7 26.7 40.1
65 33.6 29.7 44.5
92 23.2 17.7 26.5

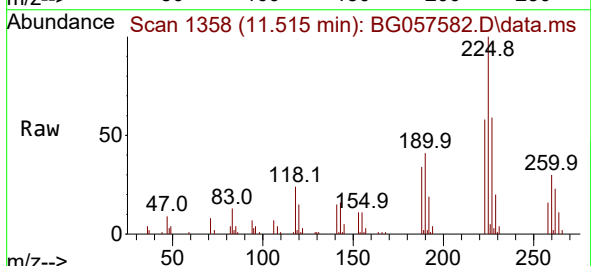
Manual Integrations

APPROVED

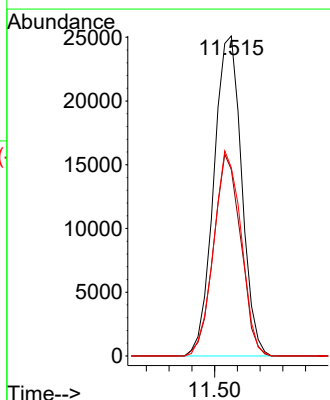
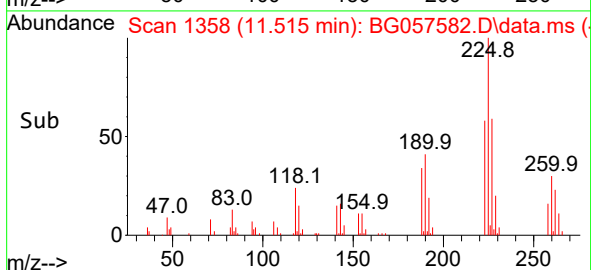
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

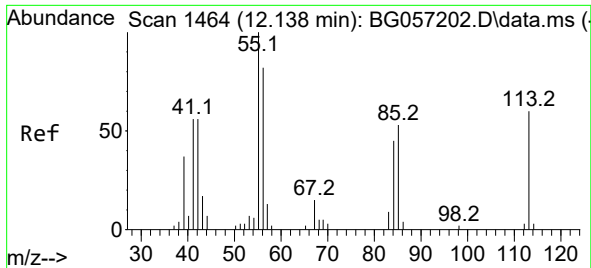


#34
Hexachlorobutadiene
Concen: 41.891 ng
RT: 11.515 min Scan# 1358
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30



Tgt Ion:225 Resp: 42631
Ion Ratio Lower Upper
225 100
223 58.3 48.6 72.8
227 58.9 52.7 79.1





#35
 Caprolactam
 Concen: 54.772 ng m
 RT: 12.126 min Scan# 1462
 Delta R.T. -0.003 min
 Lab File: BG057582.D
 Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

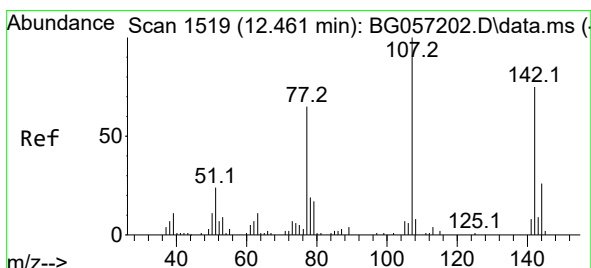
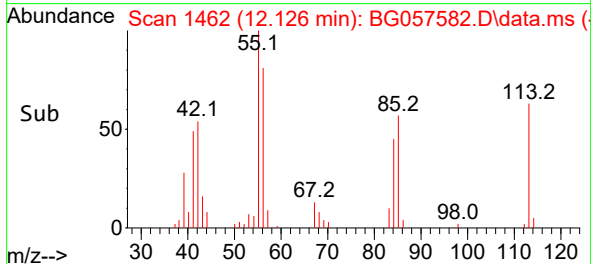
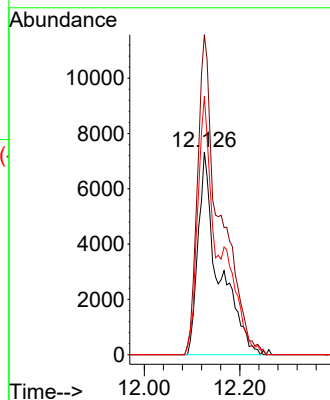
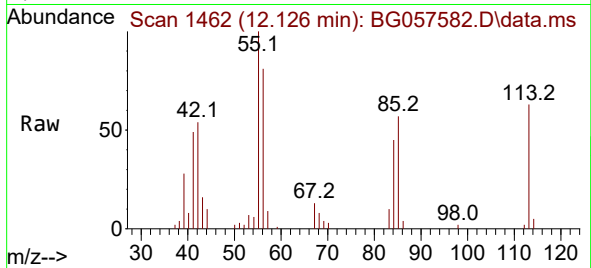
PB153012BS

Tgt Ion:113 Resp: 2224
 Ion Ratio Lower Upper
 113 100
 55 157.9 145.5 185.5
 56 127.4 115.9 155.9

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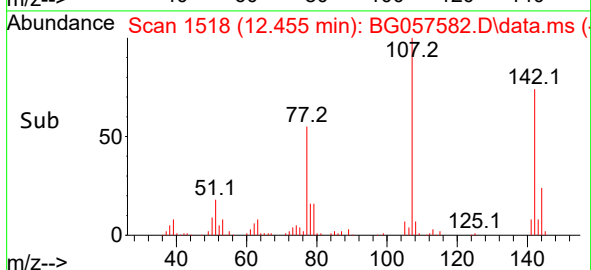
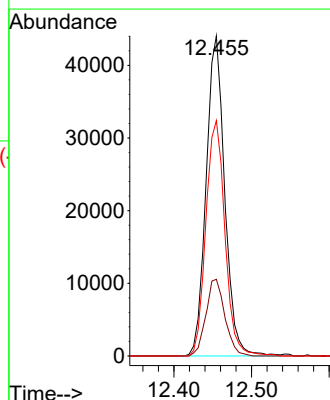
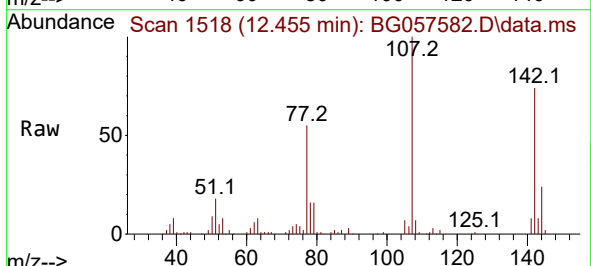
APPROVED

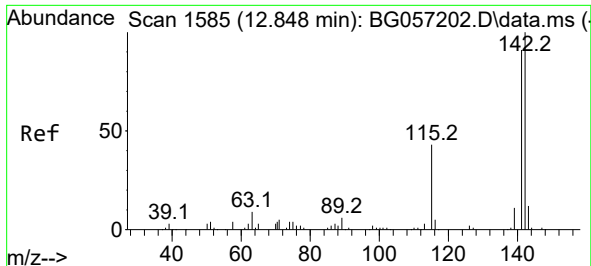
Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Jagrut Upadhyay 05/31/2023



#36
 4-Chloro-3-methylphenol
 Concen: 54.267 ng
 RT: 12.455 min Scan# 1518
 Delta R.T. 0.003 min
 Lab File: BG057582.D
 Acq: 26 May 2023 12:30

Tgt Ion:107 Resp: 73330
 Ion Ratio Lower Upper
 107 100
 144 23.9 21.0 31.6
 142 73.6 60.0 90.0





#37

2-Methylnaphthalene

Concen: 44.737 ng

RT: 12.825 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG057582.D

Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

PB153012BS

Tgt Ion:142 Resp: 130790

Ion Ratio Lower Upper

142 100

141 90.8 73.1 109.7

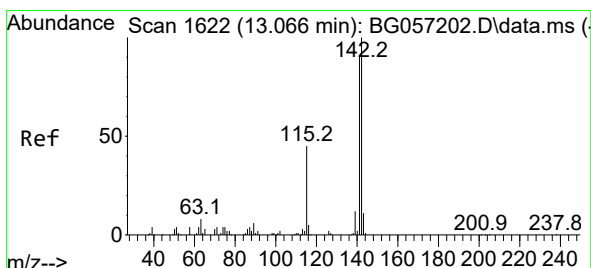
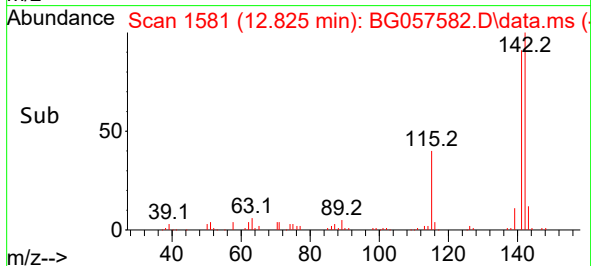
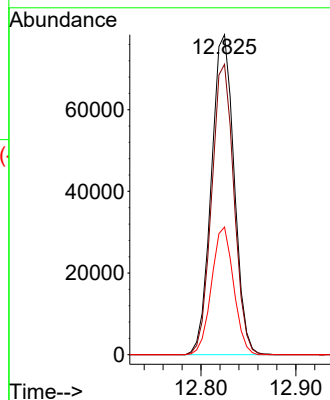
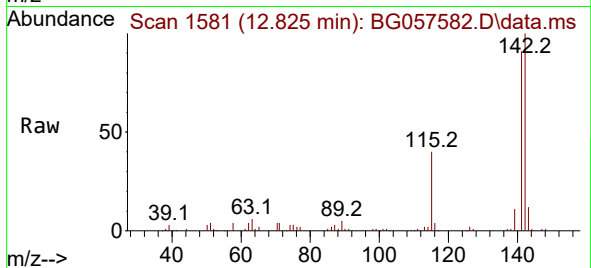
115 39.9 34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#38

1-Methylnaphthalene

Concen: 45.614 ng

RT: 13.042 min Scan# 1618

Delta R.T. 0.003 min

Lab File: BG057582.D

Acq: 26 May 2023 12:30

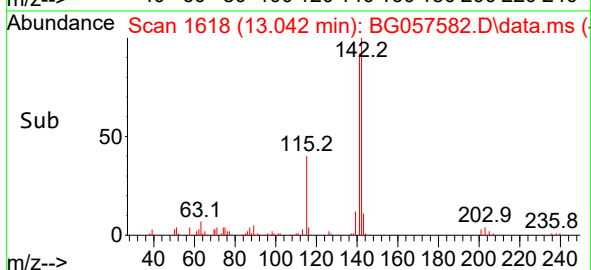
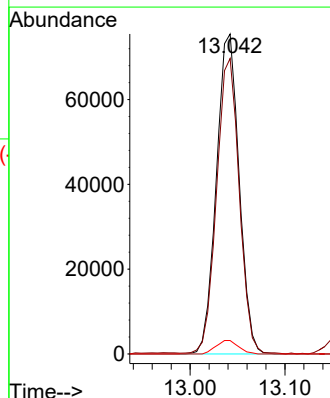
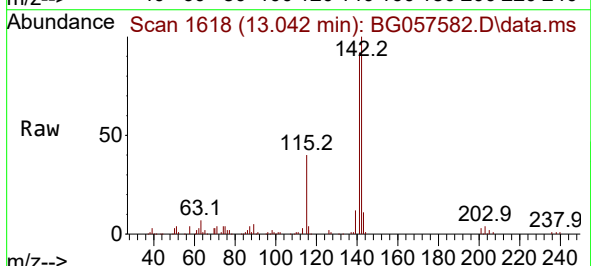
Tgt Ion:142 Resp: 125699

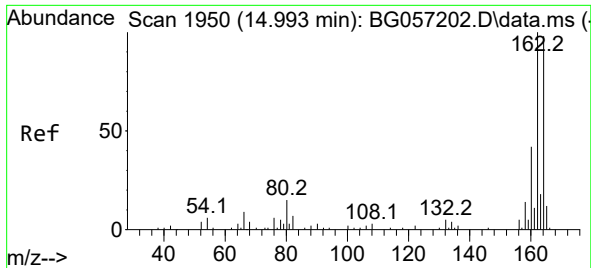
Ion Ratio Lower Upper

142 100

141 92.4 72.5 108.7

116 4.2 3.7 5.5





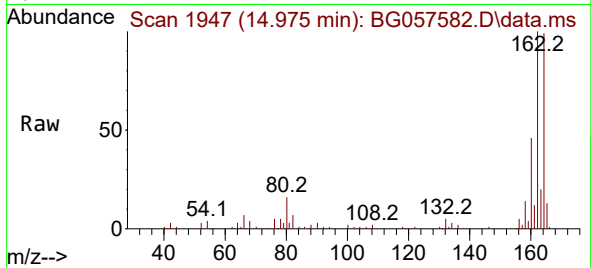
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1947
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

PB153012BS

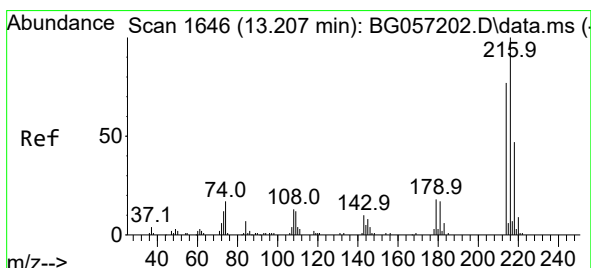
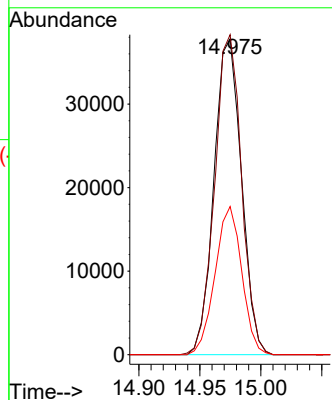
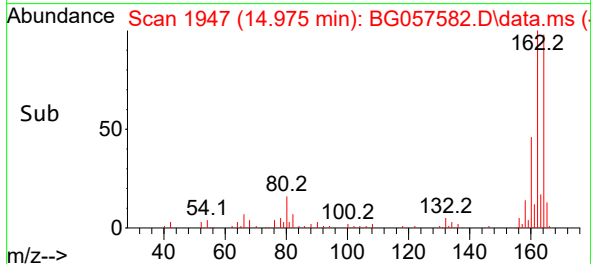


Tgt Ion:164 Resp: 59060
Ion Ratio Lower Upper
164 100
162 101.3 81.8 122.6
160 46.9 34.6 52.0

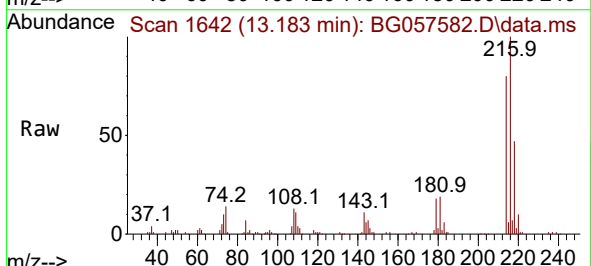
Manual Integrations

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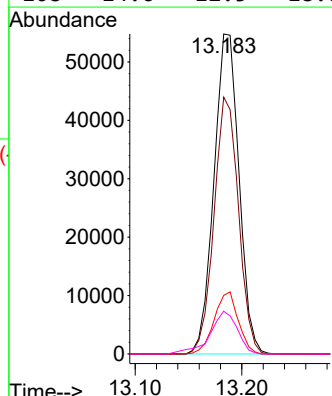
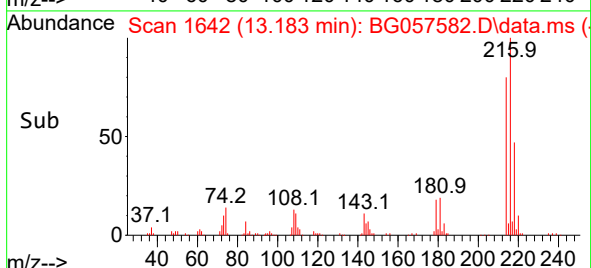
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

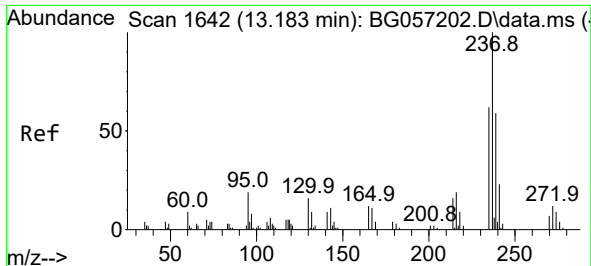


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.587 ng
RT: 13.183 min Scan# 1642
Delta R.T. -0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30



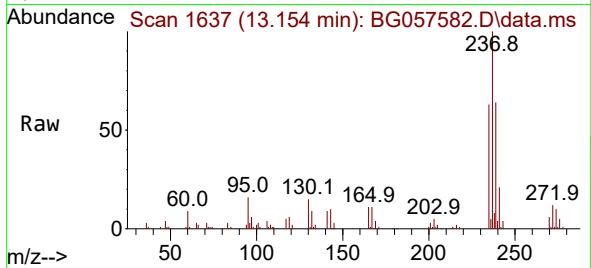
Tgt Ion:216 Resp: 89301
Ion Ratio Lower Upper
216 100
214 78.2 63.7 95.5
179 18.6 14.6 22.0
108 14.6 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 59.813 ng
RT: 13.154 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

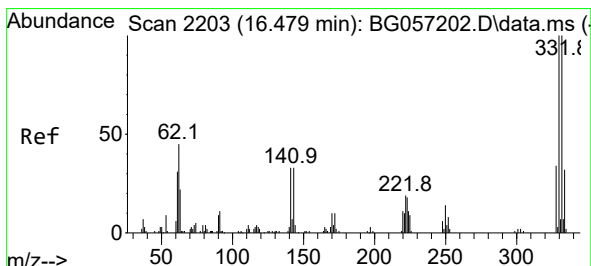
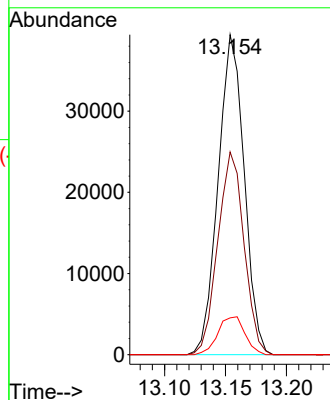
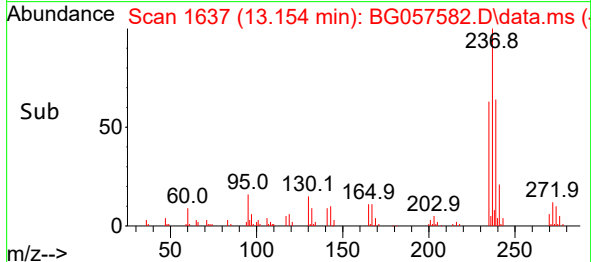
Instrument :
BNA_G
ClientSampleId :
PB153012BS



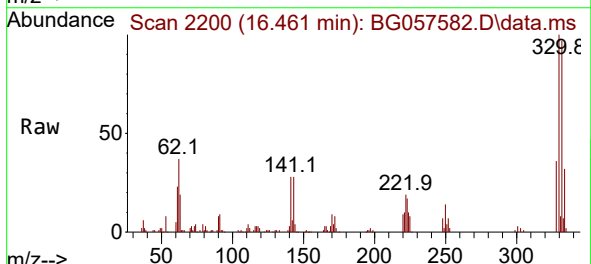
Tgt Ion:237 Resp: 5854
Ion Ratio Lower Upper
237 100
235 63.4 42.0 82.0
272 11.5 0.0 31.5

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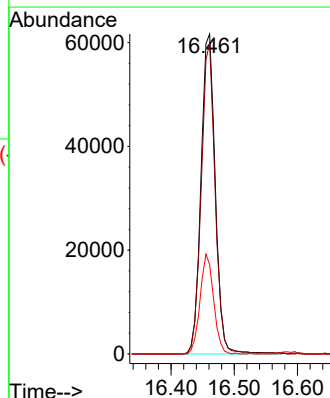
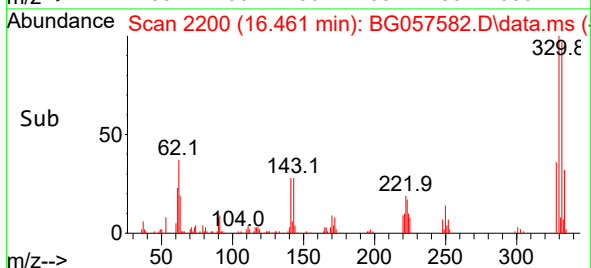
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

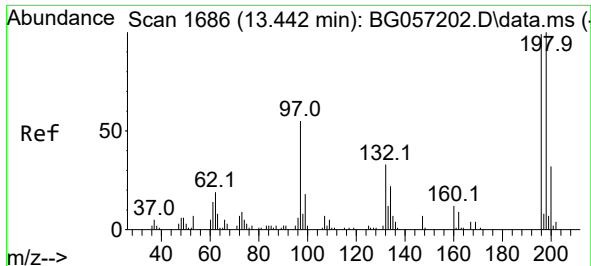


#42
2,4,6-Tribromophenol
Concen: 115.028 ng
RT: 16.461 min Scan# 2200
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30



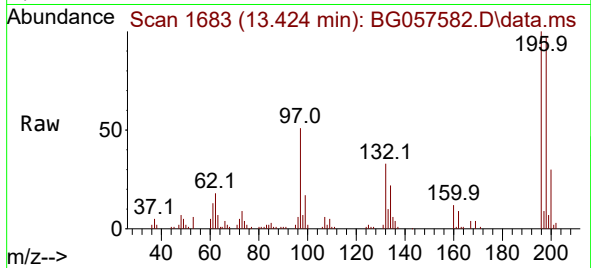
Tgt Ion:330 Resp: 96403
Ion Ratio Lower Upper
330 100
332 94.6 78.2 117.2
141 29.6 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 48.471 ng
RT: 13.424 min Scan# 1683
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

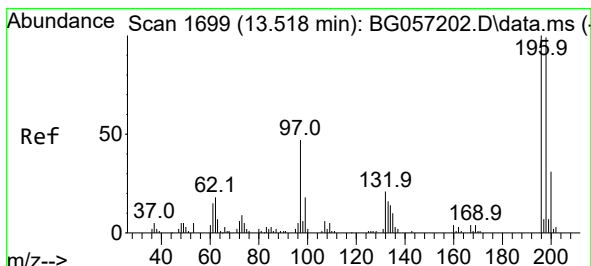
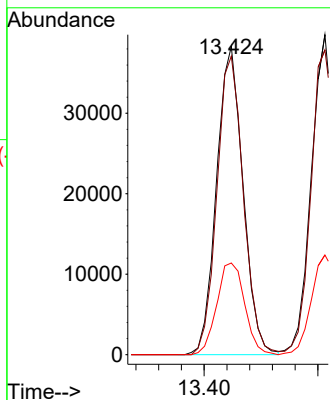
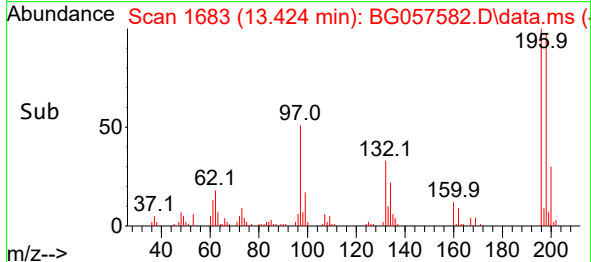
Instrument :
BNA_G
ClientSampleId :
PB153012BS



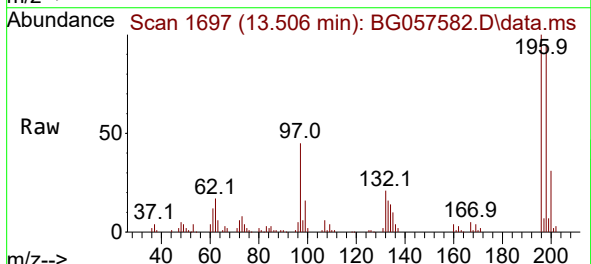
Tgt Ion:196 Resp: 6192
Ion Ratio Lower Upper
196 100
198 96.8 81.2 121.8
200 29.8 26.3 39.5

Manual Integrations
APPROVED

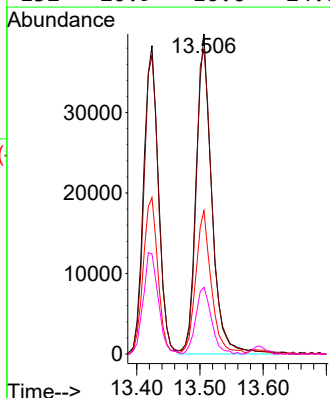
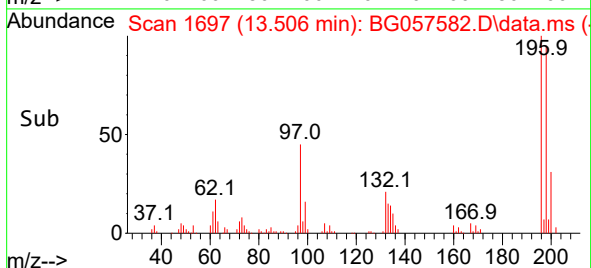
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

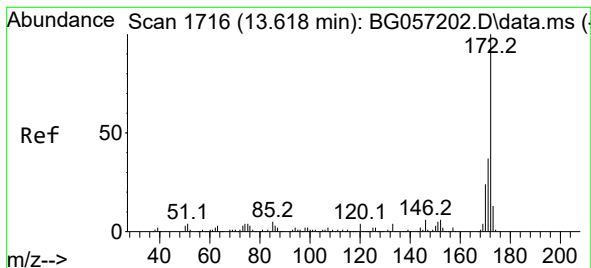


#44
2,4,5-Trichlorophenol
Concen: 45.373 ng
RT: 13.506 min Scan# 1697
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30



Tgt Ion:196 Resp: 68183
Ion Ratio Lower Upper
196 100
198 95.2 79.4 119.2
97 44.8 37.0 55.4
132 20.9 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 65.871 ng
RT: 13.594 min Scan# 1716
Delta R.T. -0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

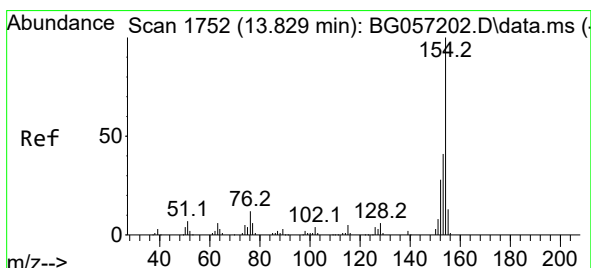
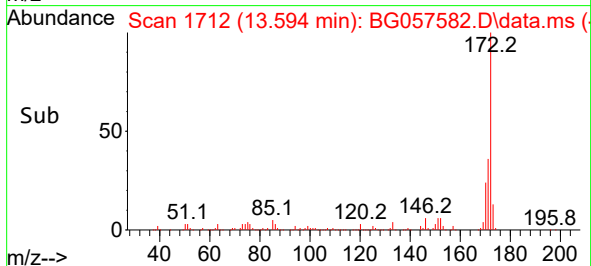
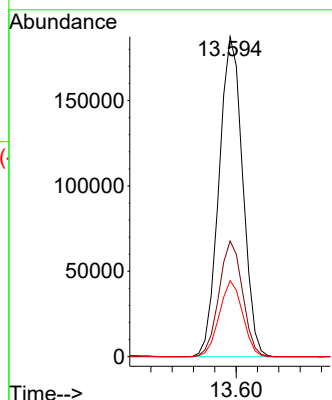
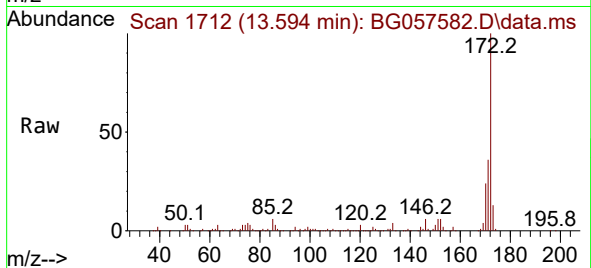
PB153012BS

Tgt Ion:172 Resp: 28888
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 23.7 19.0 28.6

Manual Integrations

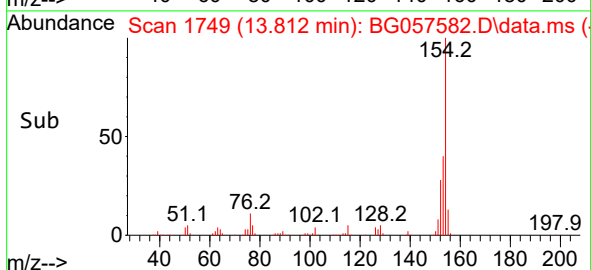
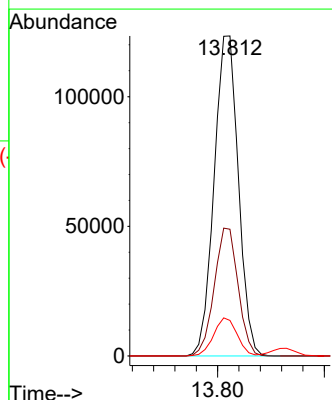
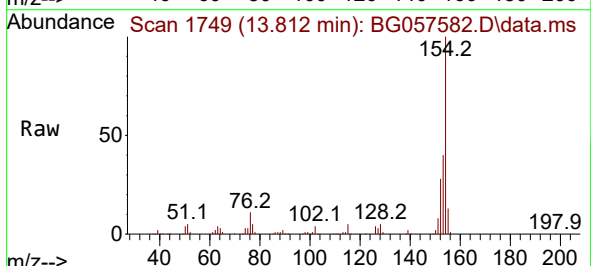
APPROVED

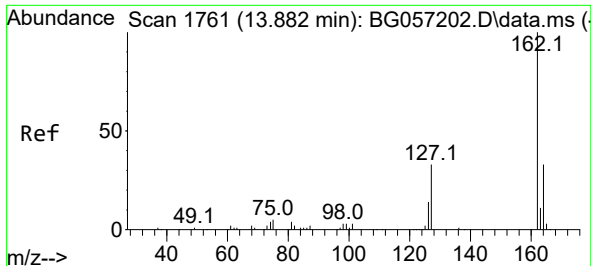
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#46
1,1'-Biphenyl
Concen: 44.391 ng
RT: 13.812 min Scan# 1749
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

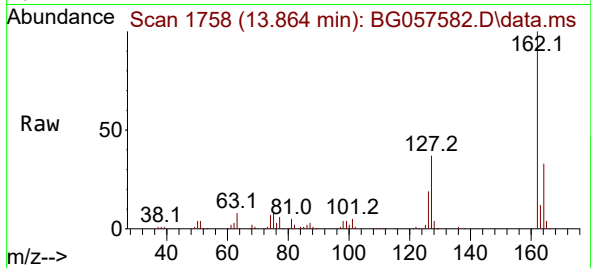
Tgt Ion:154 Resp: 194562
Ion Ratio Lower Upper
154 100
153 39.6 20.9 60.9
76 11.1 0.0 31.7





#47
2-Chloronaphthalene
Concen: 45.306 ng
RT: 13.864 min Scan# 1761
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

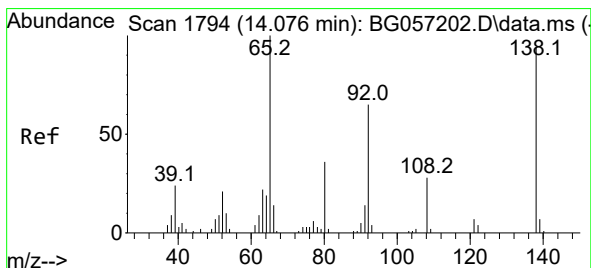
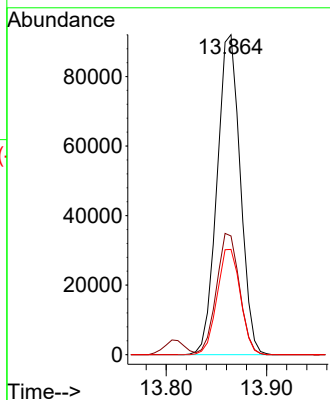
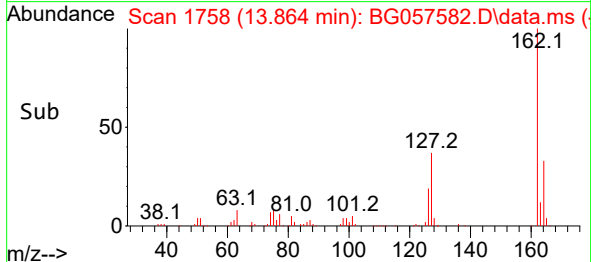
Instrument :
BNA_G
ClientSampleId :
PB153012BS



Tgt Ion:162 Resp: 147664
Ion Ratio Lower Upper
162 100
127 37.1 29.8 44.6
164 32.9 26.6 40.0

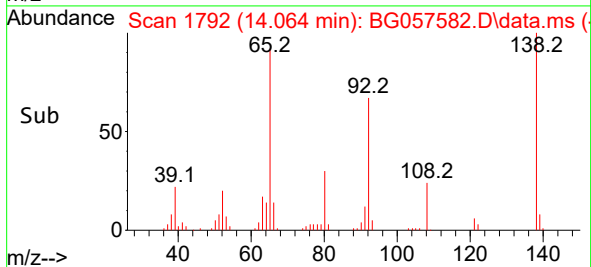
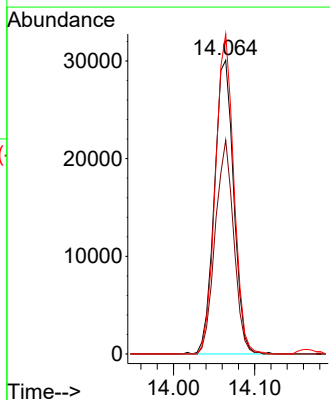
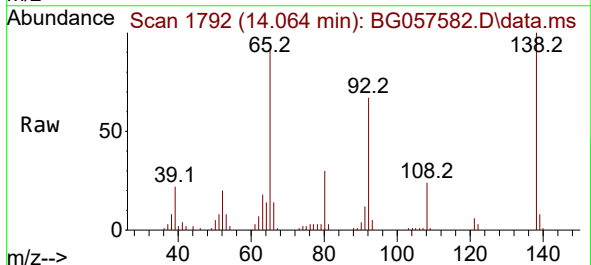
Manual Integrations
APPROVED

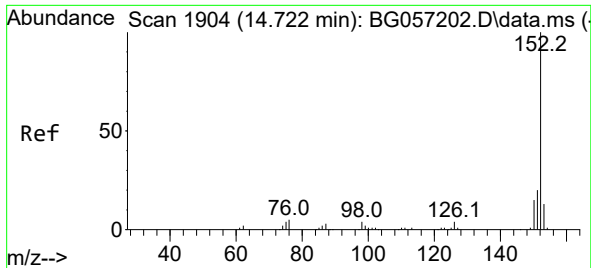
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#48
2-Nitroaniline
Concen: 44.870 ng
RT: 14.064 min Scan# 1792
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Tgt Ion: 65 Resp: 49725
Ion Ratio Lower Upper
65 100
92 72.8 52.1 78.1
138 108.9 75.3 112.9





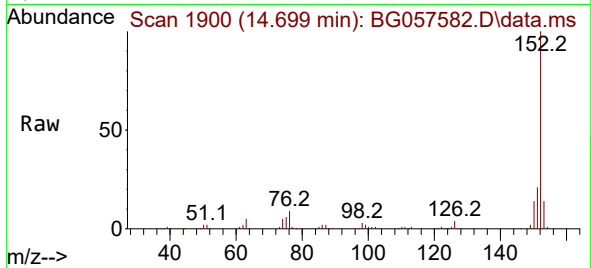
#49
Acenaphthylene
Concen: 45.297 ng
RT: 14.699 min Scan# 1900
Delta R.T. -0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

PB153012BS

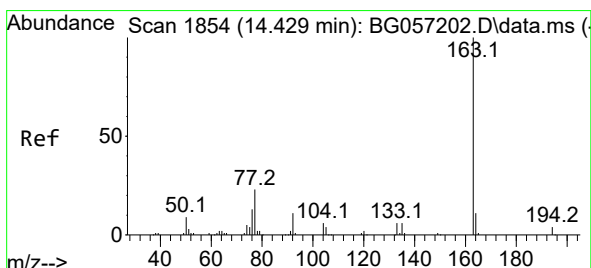
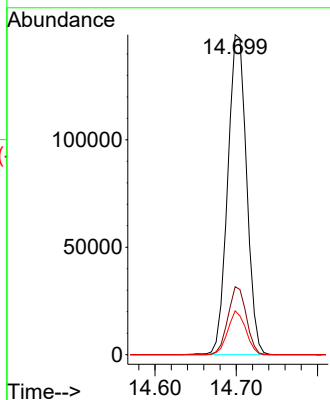
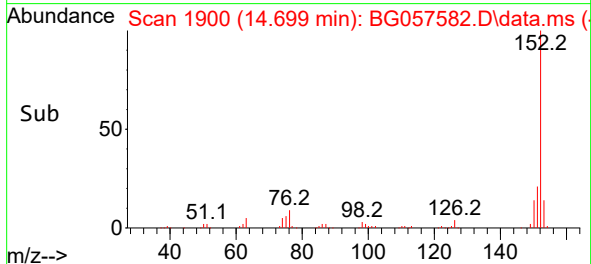


Tgt Ion:152 Resp: 23985
Ion Ratio Lower Upper
152 100
151 21.3 16.0 24.0
153 13.7 10.7 16.1

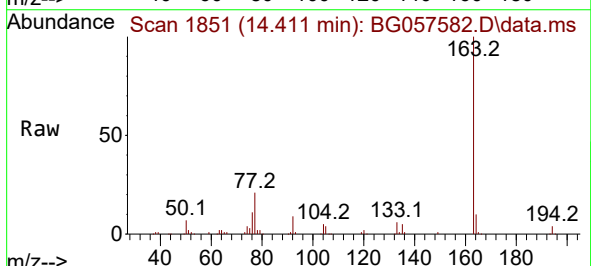
Manual Integrations

APPROVED

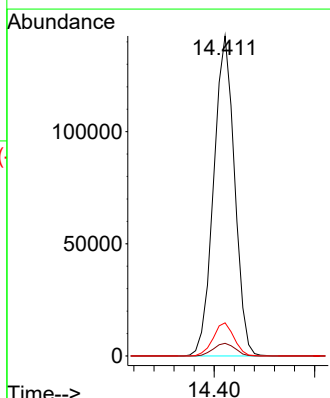
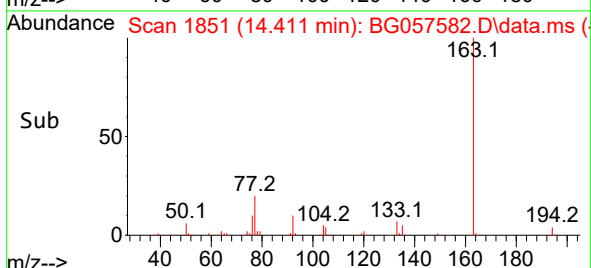
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

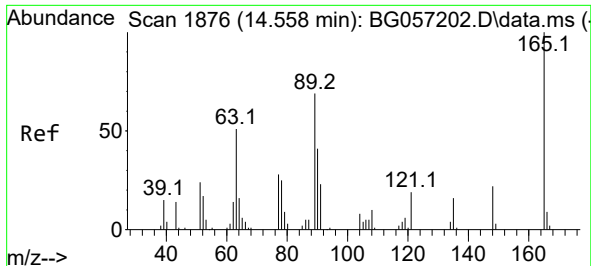


#50
Dimethylphthalate
Concen: 42.458 ng
RT: 14.411 min Scan# 1851
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30



Tgt Ion:163 Resp: 206083
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.3 8.8 13.2





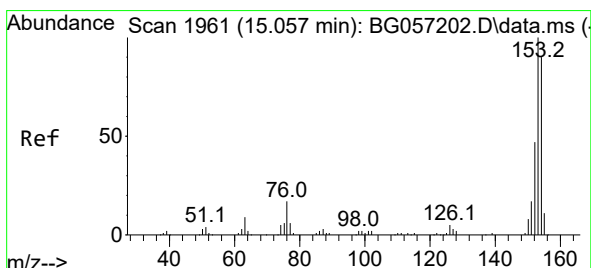
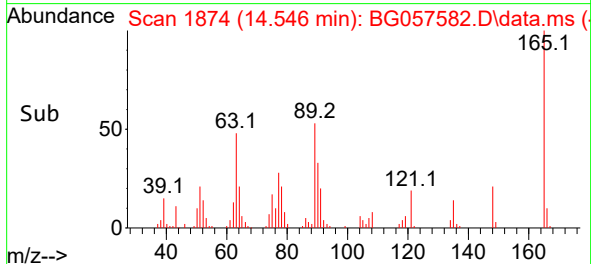
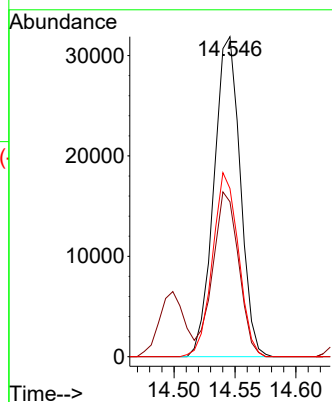
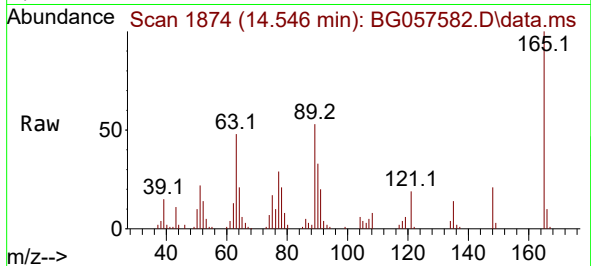
#51
2,6-Dinitrotoluene
Concen: 48.288 ng
RT: 14.546 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Instrument :
BNA_G
ClientSampleId :
PB153012BS

Tgt Ion:165 Resp: 47854
Ion Ratio Lower Upper
165 100
63 48.4 50.9 76.3
89 52.5 55.2 82.8

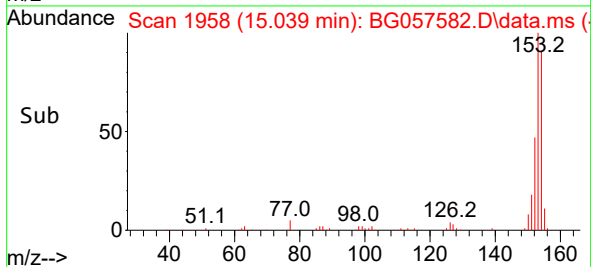
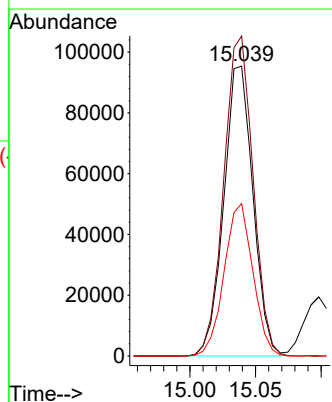
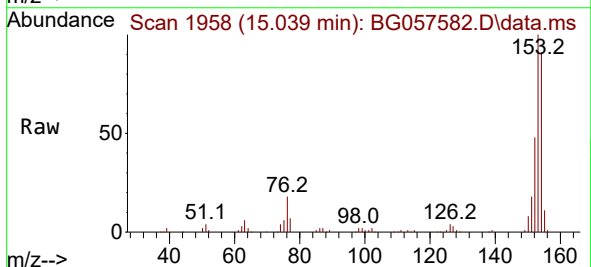
Manual Integrations
APPROVED

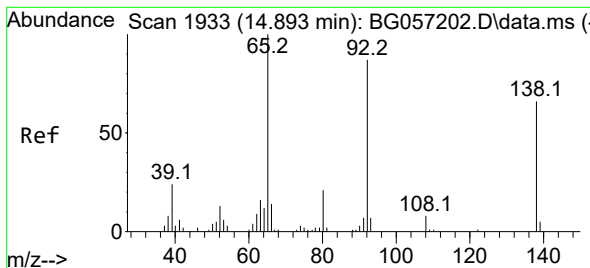
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#52
Acenaphthene
Concen: 44.589 ng
RT: 15.039 min Scan# 1958
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Tgt Ion:154 Resp: 147533
Ion Ratio Lower Upper
154 100
153 110.4 89.3 133.9
152 52.6 41.7 62.5





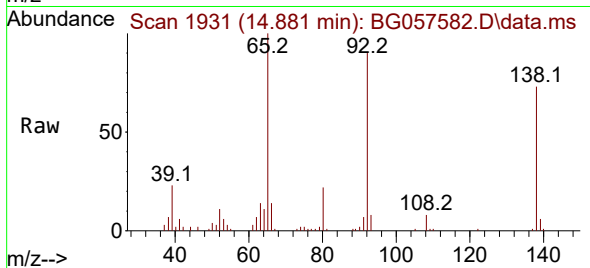
#53
3-Nitroaniline
Concen: 34.512 ng
RT: 14.881 min Scan# 1931
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

PB153012BS

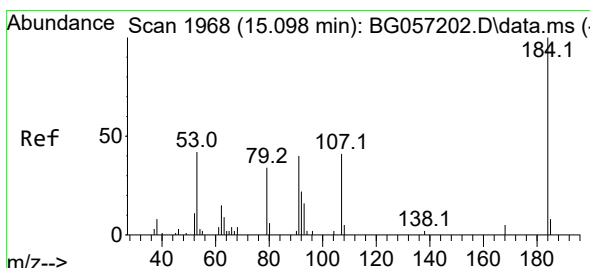
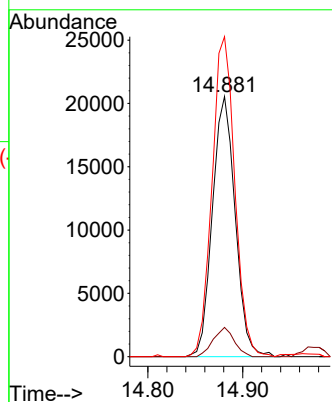
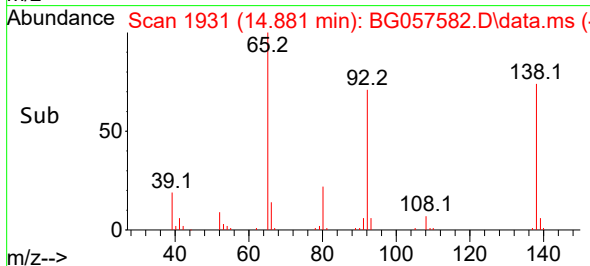


Tgt Ion:138 Resp: 34264
Ion Ratio Lower Upper
138 100
108 11.2 9.5 14.3
92 123.0 106.2 159.4

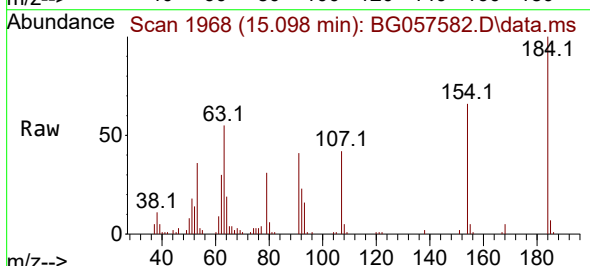
Manual Integrations

APPROVED

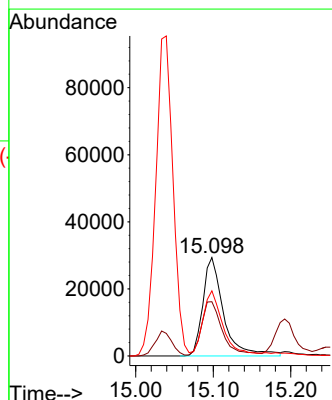
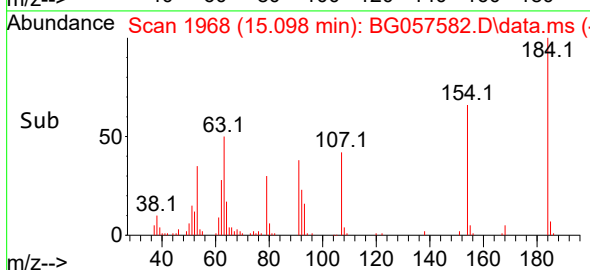
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

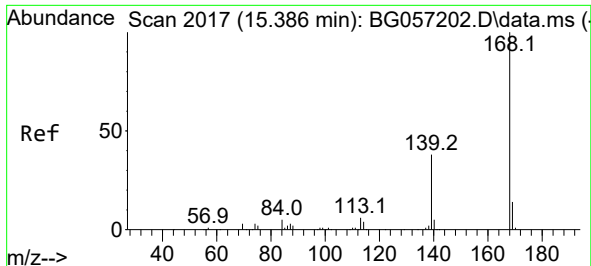


#54
2,4-Dinitrophenol
Concen: 88.365 ng
RT: 15.098 min Scan# 1968
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30



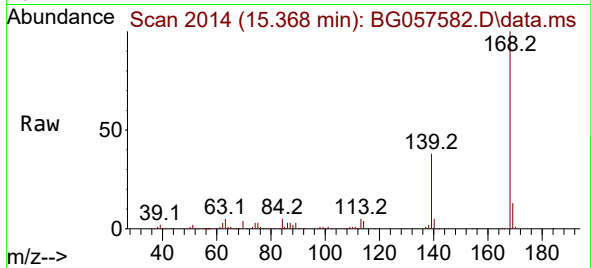
Tgt Ion:184 Resp: 54568
Ion Ratio Lower Upper
184 100
63 55.1 48.2 72.4
154 66.2 55.4 83.2





#55
Dibenzenofuran
Concen: 44.779 ng
RT: 15.368 min Scan# 2014
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

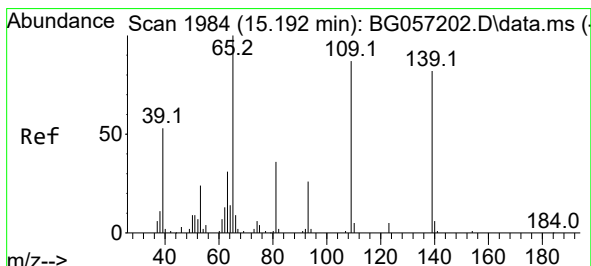
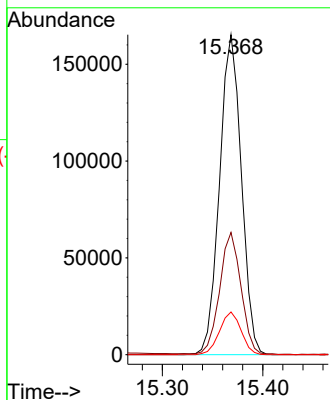
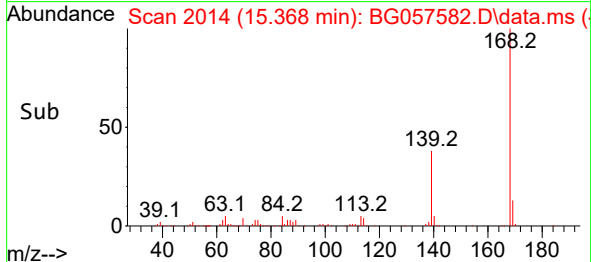
Instrument :
BNA_G
ClientSampleId :
PB153012BS



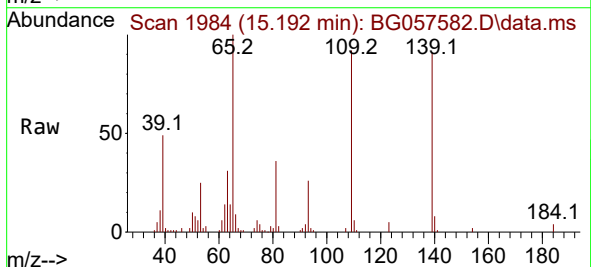
Tgt Ion:168 Resp: 248940
Ion Ratio Lower Upper
168 100
139 38.2 30.7 46.1
169 13.4 10.9 16.3

Manual Integrations
APPROVED

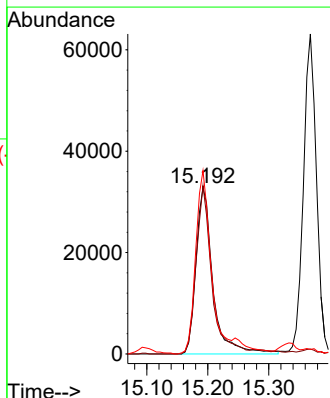
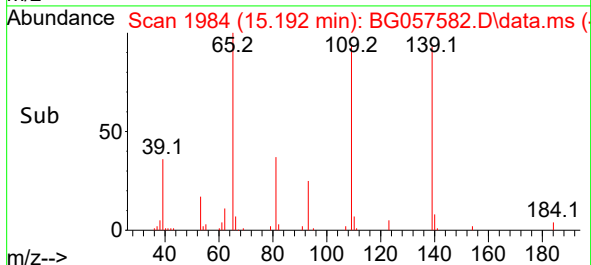
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

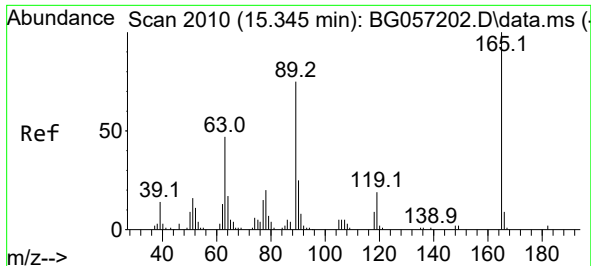


#56
4-Nitrophenol
Concen: 96.178 ng
RT: 15.192 min Scan# 1984
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30



Tgt Ion:139 Resp: 63508
Ion Ratio Lower Upper
139 100
109 101.1 86.6 126.6
65 110.2 102.6 142.6





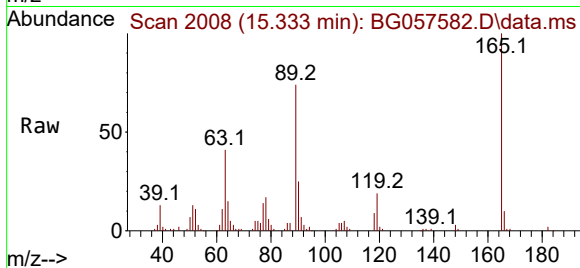
#57
2,4-Dinitrotoluene
Concen: 47.054 ng
RT: 15.333 min Scan# 2010
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

PB153012BS

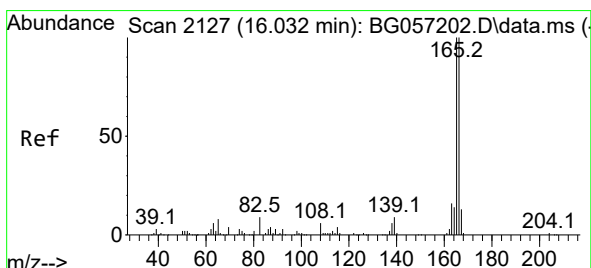
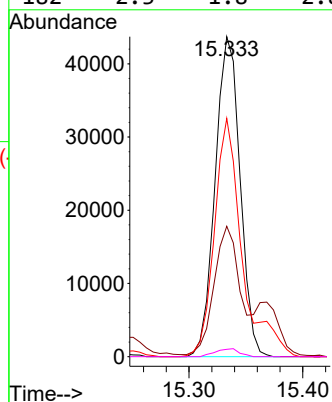
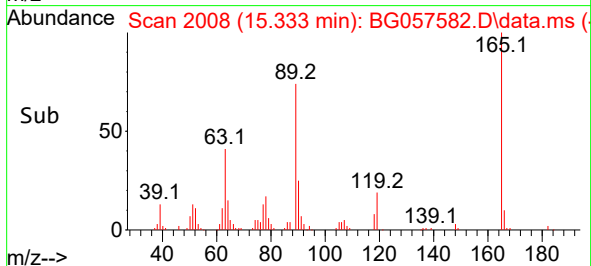


Tgt Ion:165 Resp: 66644
Ion Ratio Lower Upper
165 100
63 40.7 37.5 56.3
89 74.5 60.2 90.4
182 2.3 1.8 2.8

Manual Integrations

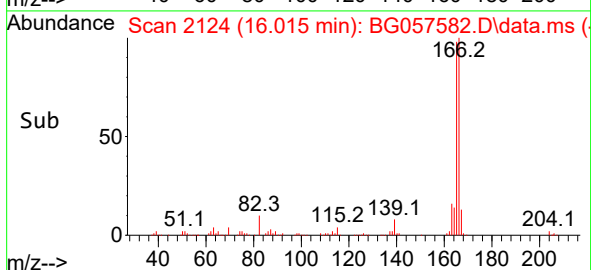
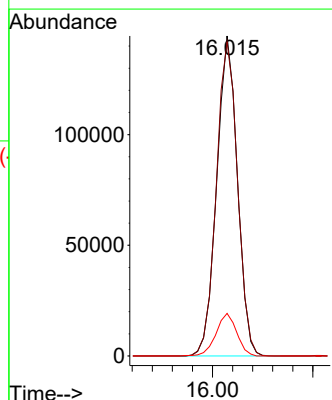
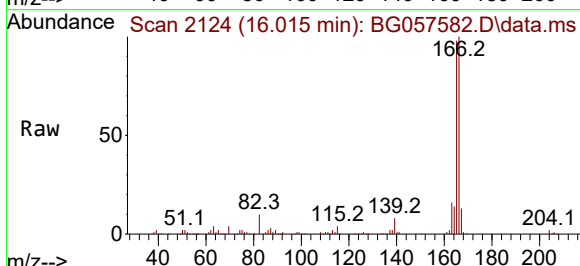
APPROVED

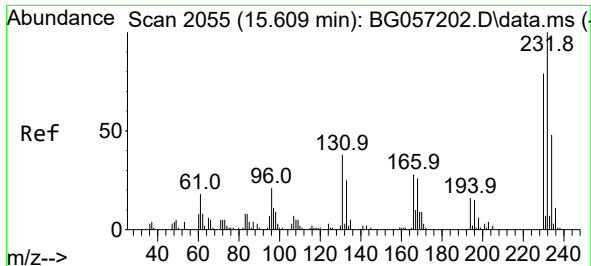
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#58
Fluorene
Concen: 45.094 ng
RT: 16.015 min Scan# 2124
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Tgt Ion:166 Resp: 206493
Ion Ratio Lower Upper
166 100
165 98.1 80.1 120.1
167 13.3 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.346 ng
RT: 15.597 min Scan# 2053
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

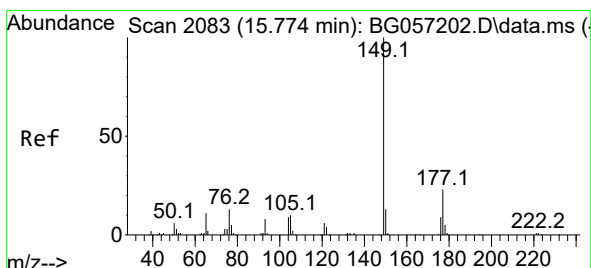
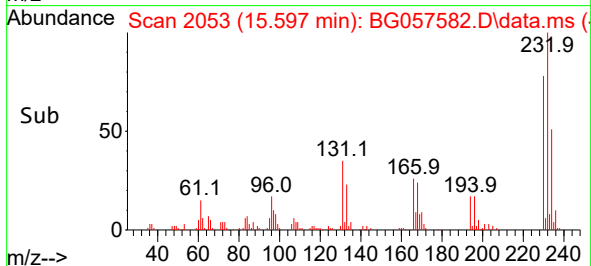
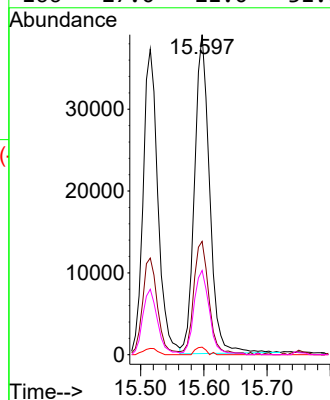
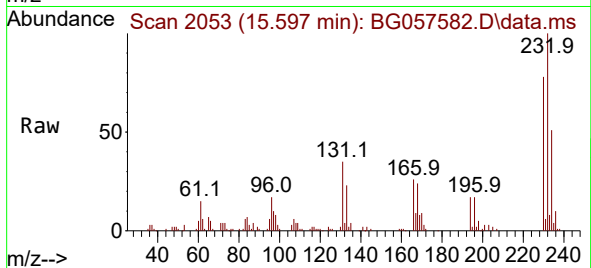
PB153012BS

Tgt Ion:232 Resp: 64504
Ion Ratio Lower Upper
232 100
131 35.9 28.6 42.8
130 1.8 1.6 2.4
166 27.0 21.0 31.6

Manual Integrations

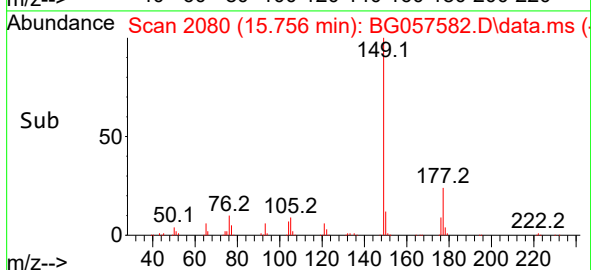
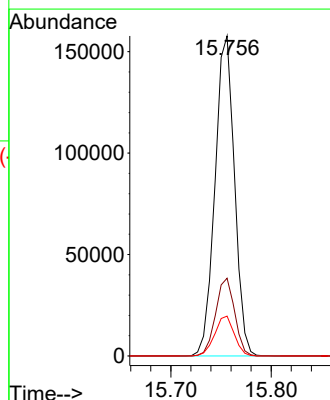
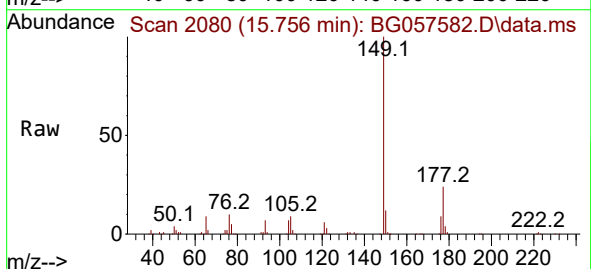
APPROVED

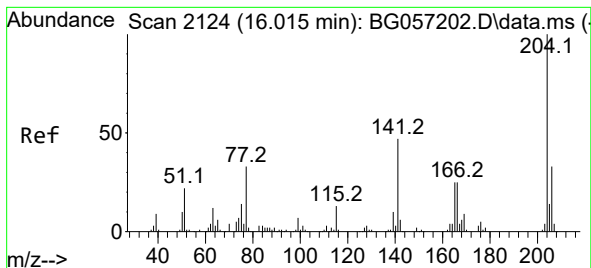
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#60
Diethylphthalate
Concen: 43.126 ng
RT: 15.756 min Scan# 2080
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Tgt Ion:149 Resp: 212576
Ion Ratio Lower Upper
149 100
177 24.3 18.3 27.5
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.262 ng
RT: 15.991 min Scan# 2118
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Instrument :

BNA_G

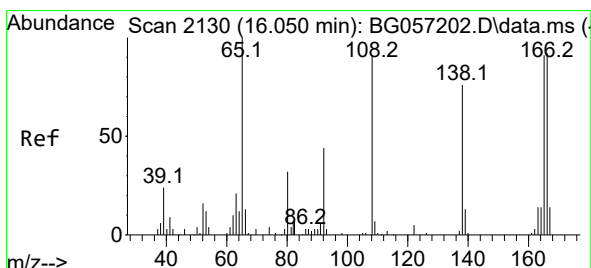
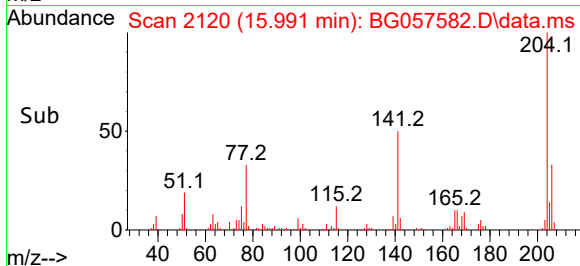
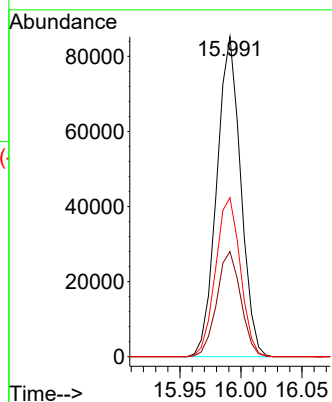
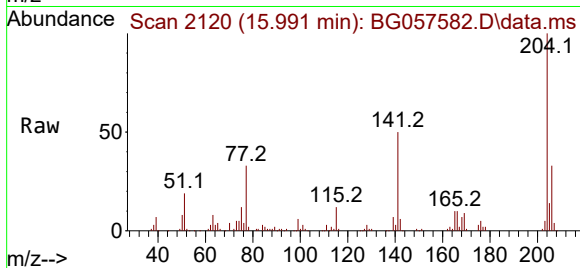
ClientSampleId :

PB153012BS

Tgt Ion:204 Resp: 116584
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 49.7 37.4 56.0

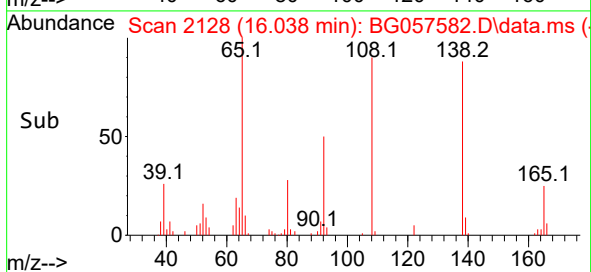
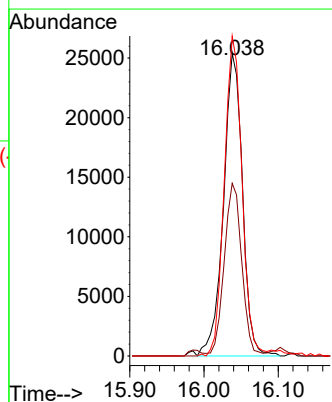
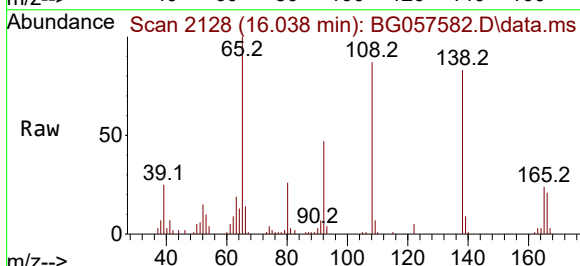
Manual Integrations
APPROVED

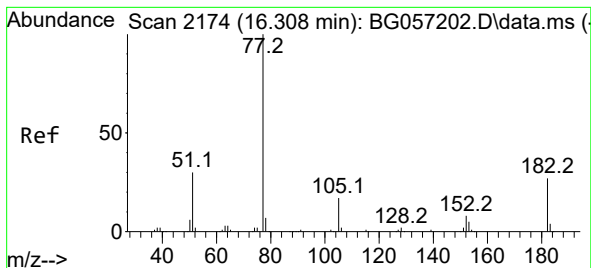
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#62
4-Nitroaniline
Concen: 45.336 ng
RT: 16.038 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Tgt Ion:138 Resp: 45408
Ion Ratio Lower Upper
138 100
92 57.1 38.2 78.2
108 105.8 99.6 139.6





#63

Azobenzene

Concen: 41.014 ng

RT: 16.285 min Scan# 2174

Delta R.T. 0.003 min

Lab File: BG057582.D

Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

PB153012BS

Tgt Ion: 77 Resp: 19506

Ion Ratio Lower Upper

77 100

182 28.1 7.4 47.4

105 19.3 0.0 37.2

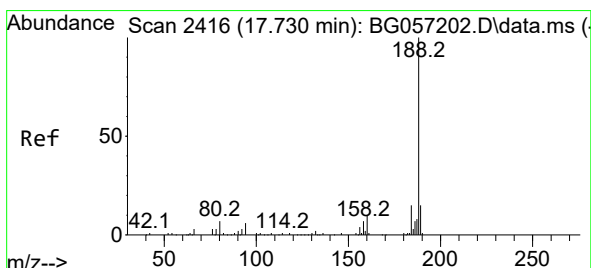
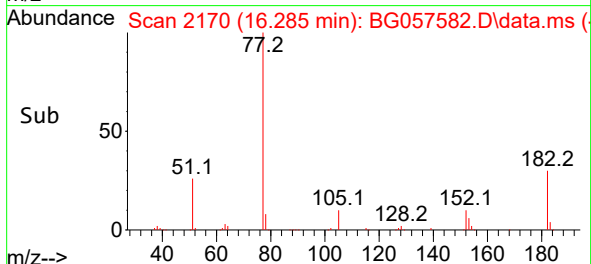
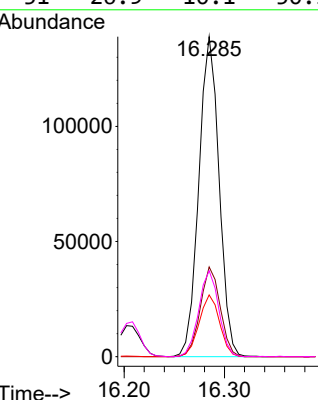
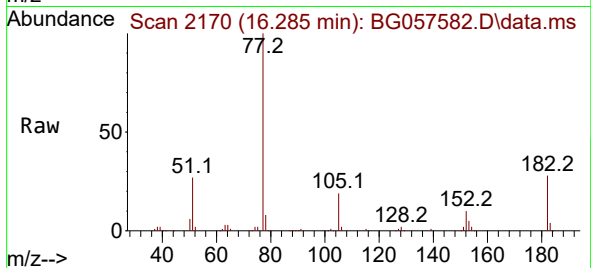
51 26.9 10.1 50.1

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: 17.712 min Scan# 2413

Delta R.T. 0.003 min

Lab File: BG057582.D

Acq: 26 May 2023 12:30

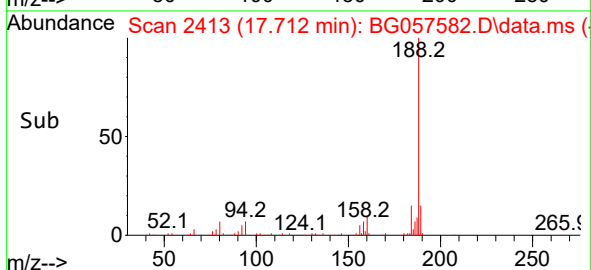
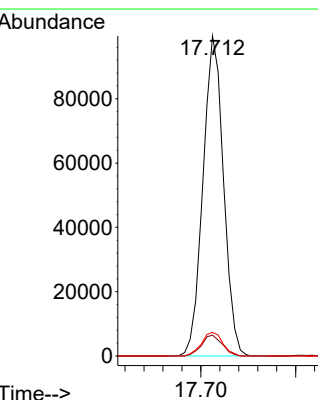
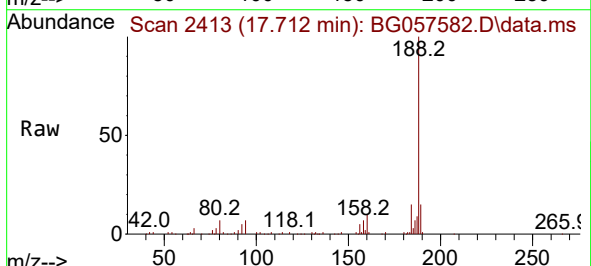
Tgt Ion:188 Resp: 149755

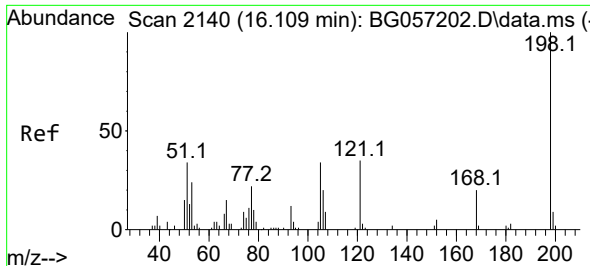
Ion Ratio Lower Upper

188 100

94 6.5 5.1 7.7

80 7.4 5.7 8.5





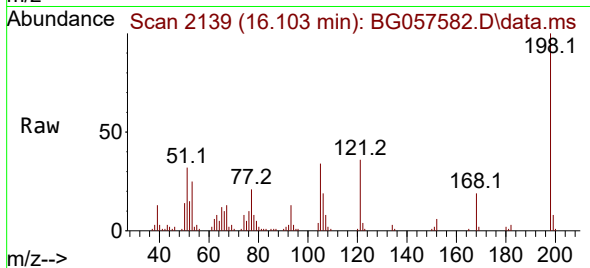
#65
4,6-Dinitro-2-methylphenol
Concen: 48.502 ng
RT: 16.103 min Scan# 2140
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

PB153012BS

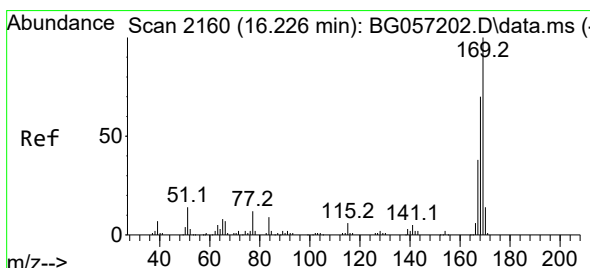
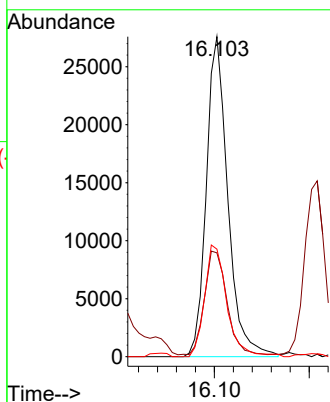
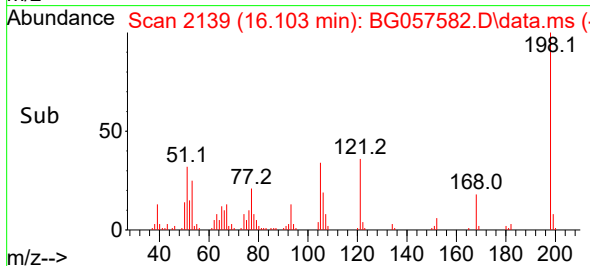


Tgt Ion:198 Resp: 4336
Ion Ratio Lower Upper
198 100
51 32.4 16.1 56.1
105 33.6 14.0 54.0

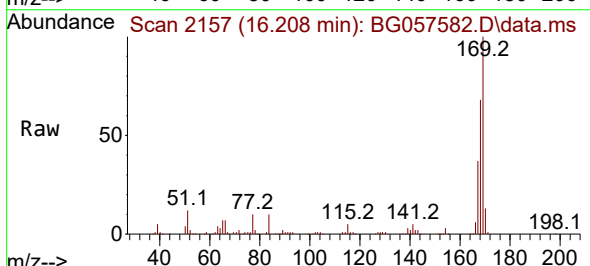
Manual Integrations

APPROVED

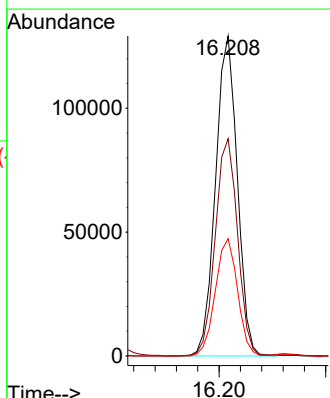
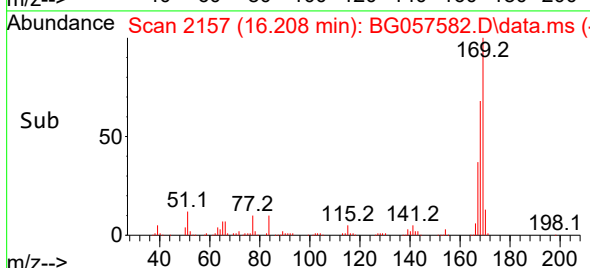
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

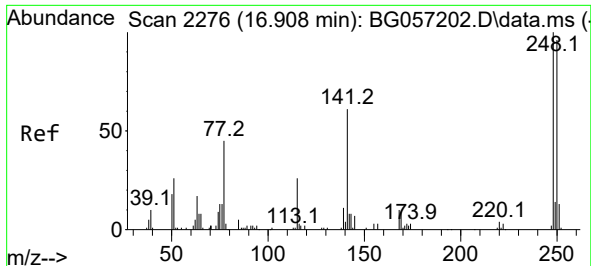


#66
n-Nitrosodiphenylamine
Concen: 44.971 ng
RT: 16.208 min Scan# 2157
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30



Tgt Ion:169 Resp: 182913
Ion Ratio Lower Upper
169 100
168 67.9 56.2 84.4
167 36.7 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 43.814 ng
RT: 16.884 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

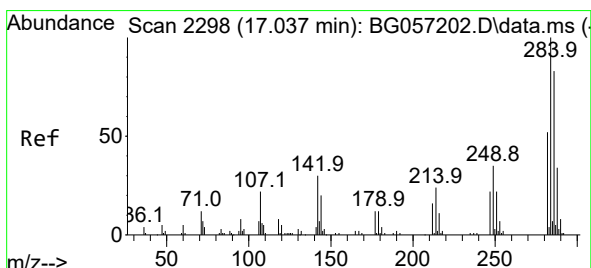
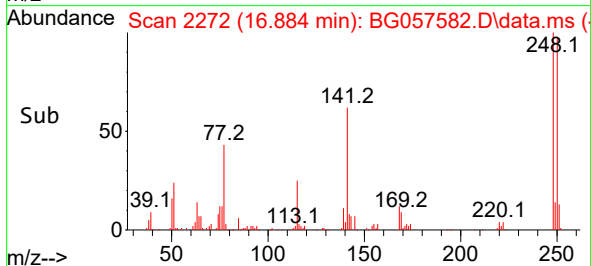
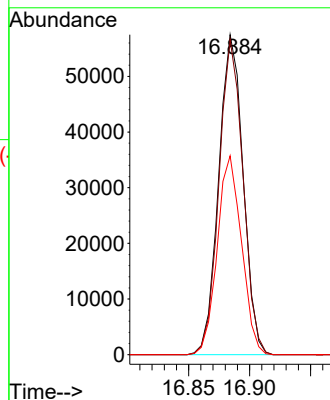
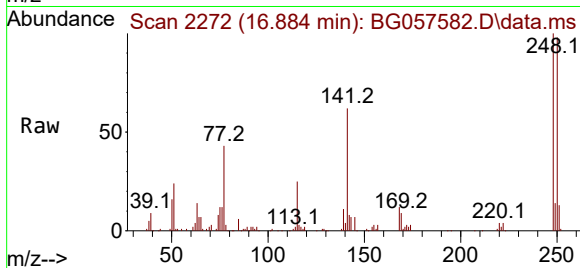
PB153012BS

Tgt Ion:248 Resp: 8009
Ion Ratio Lower Upper
248 100
250 98.5 77.0 115.6
141 62.2 48.6 72.8

Manual Integrations

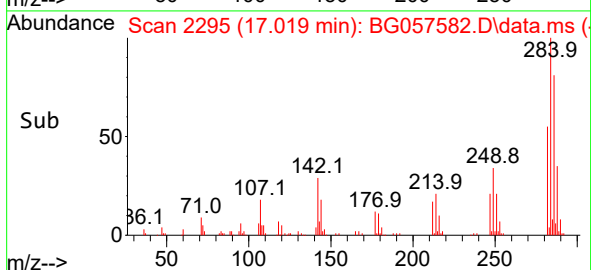
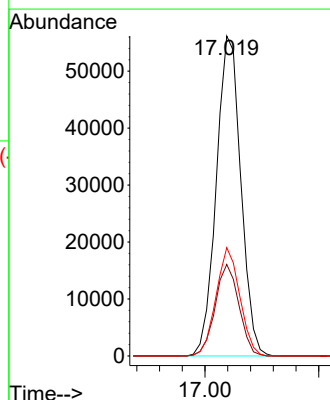
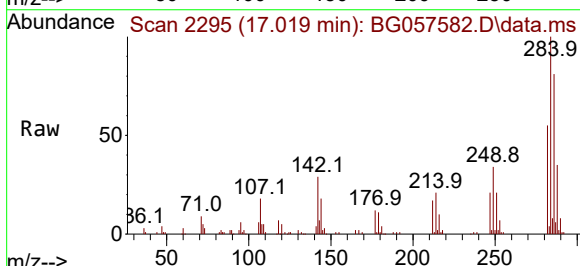
APPROVED

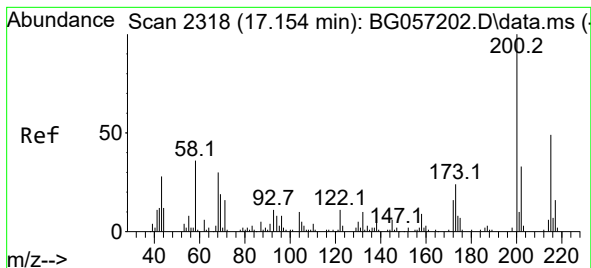
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#68
Hexachlorobenzene
Concen: 47.310 ng
RT: 17.019 min Scan# 2295
Delta R.T. -0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Tgt Ion:284 Resp: 84047
Ion Ratio Lower Upper
284 100
142 28.6 23.9 35.9
249 33.9 27.7 41.5





#69

Atrazine

Concen: 52.679 ng

RT: 17.142 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057582.D

Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

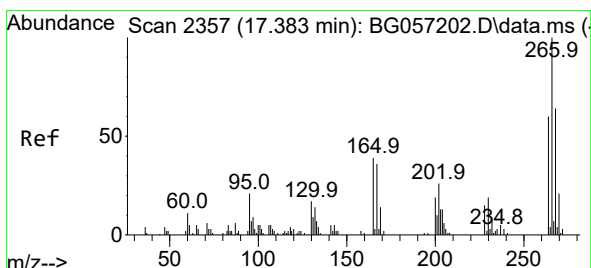
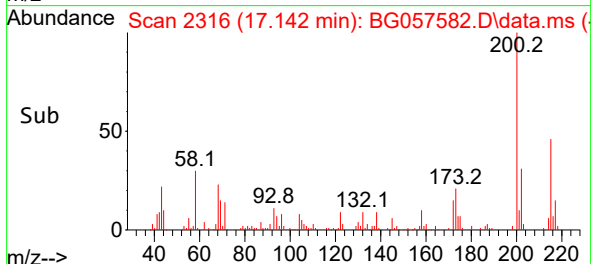
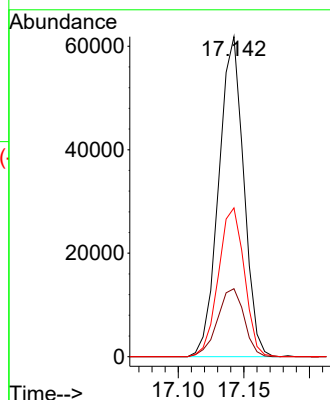
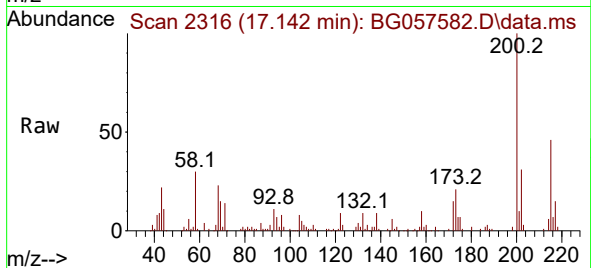
PB153012BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	21.2	4.3	44.3
215	46.5	29.3	69.3

Manual Integrations

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



#70

Pentachlorophenol

Concen: 77.395 ng

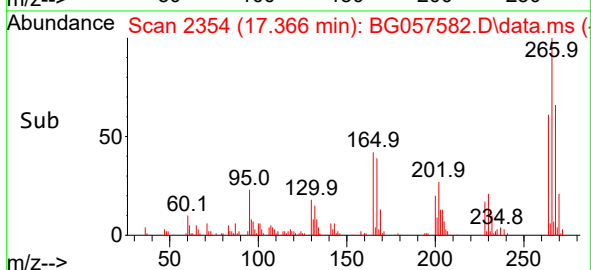
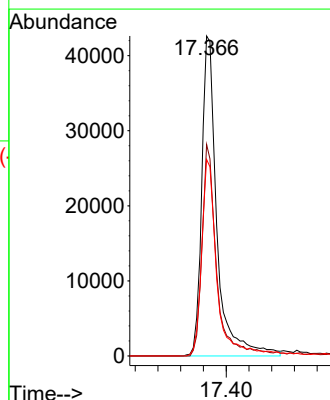
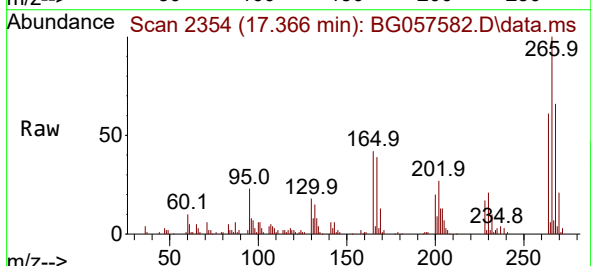
RT: 17.366 min Scan# 2354

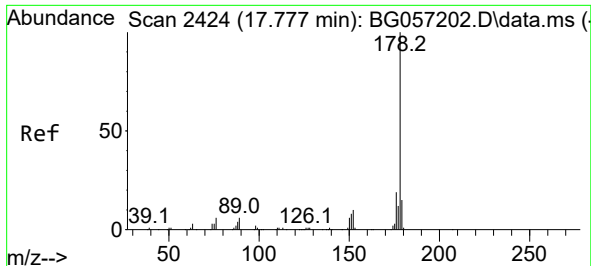
Delta R.T. -0.003 min

Lab File: BG057582.D

Acq: 26 May 2023 12:30

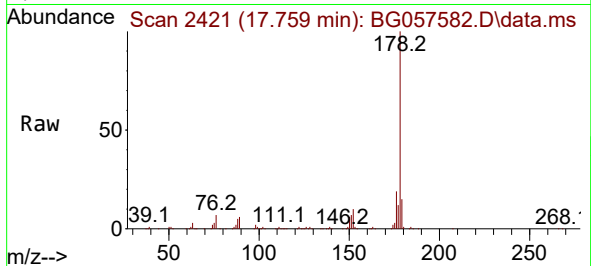
Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.1	51.0	76.6
264	61.4	47.8	71.6





#71
Phenanthrene
Concen: 45.442 ng
RT: 17.759 min Scan# 2421
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

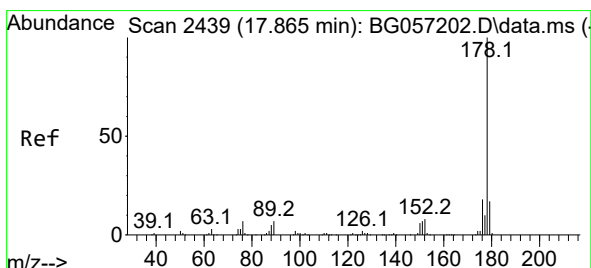
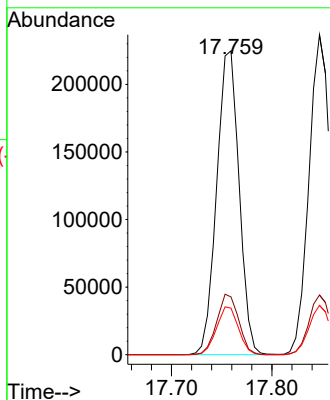
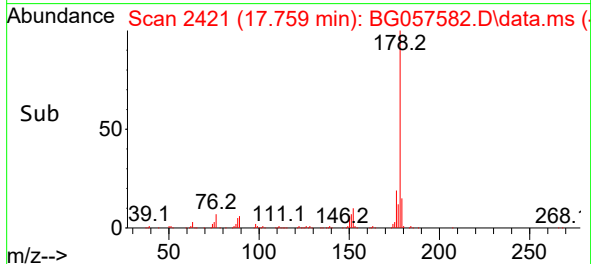
Instrument :
BNA_G
ClientSampleId :
PB153012BS



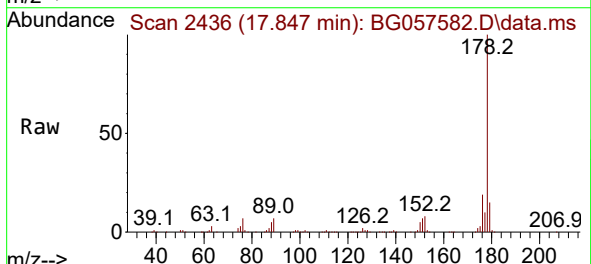
Tgt Ion:178 Resp: 348708
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.3 12.3 18.5

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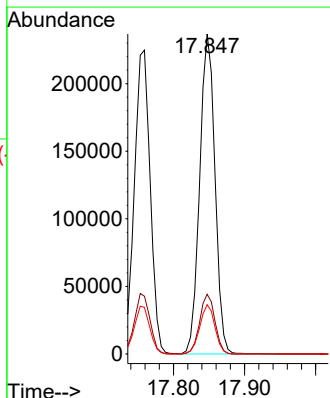
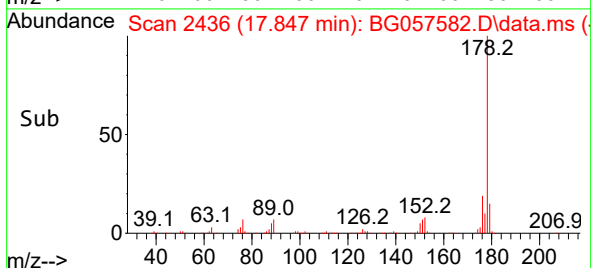
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

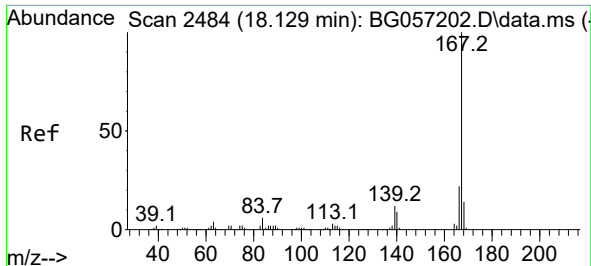


#72
Anthracene
Concen: 45.042 ng
RT: 17.847 min Scan# 2436
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30



Tgt Ion:178 Resp: 354658
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.4 13.2 19.8





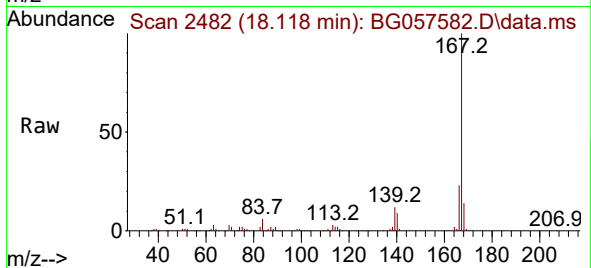
#73
Carbazole
Concen: 47.058 ng
RT: 18.118 min Scan# 2482
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

PB153012BS

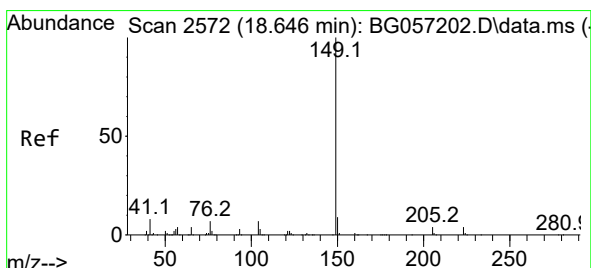
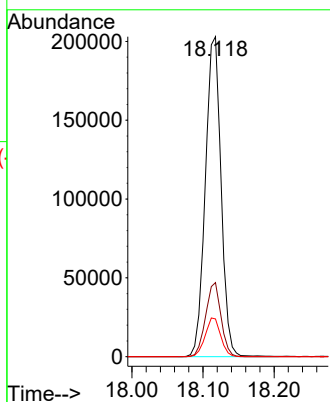
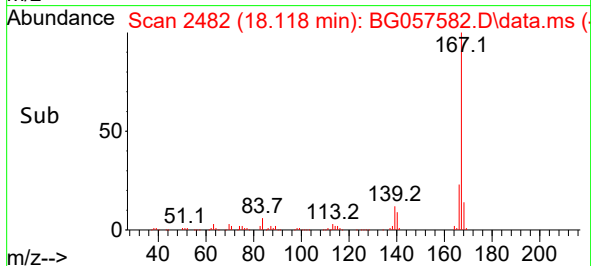


Tgt Ion:167 Resp: 311934
Ion Ratio Lower Upper
167 100
166 23.2 17.4 26.0
139 11.8 9.6 14.4

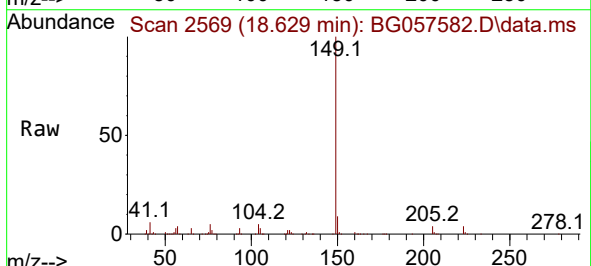
Manual Integrations

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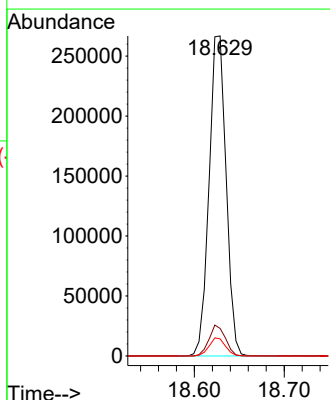
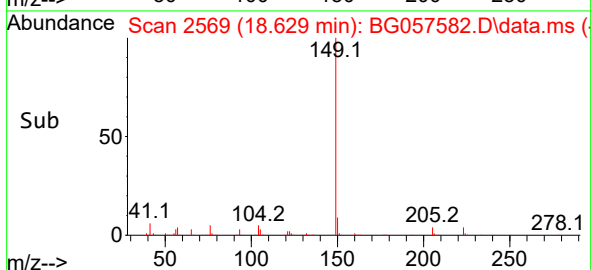
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

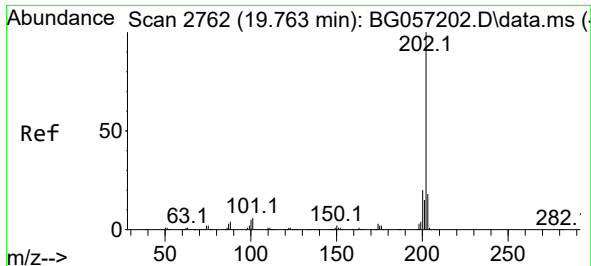


#74
Di-n-butylphthalate
Concen: 46.149 ng
RT: 18.629 min Scan# 2569
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30



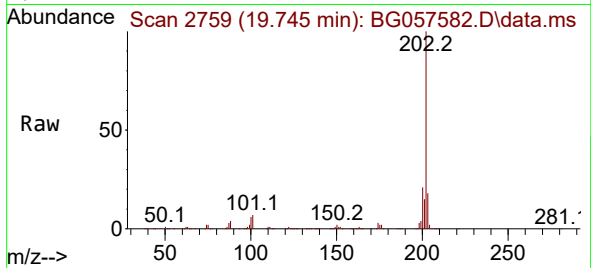
Tgt Ion:149 Resp: 351964
Ion Ratio Lower Upper
149 100
150 8.6 7.3 10.9
104 5.3 5.4 8.2#





#75
Fluoranthene
Concen: 43.472 ng
RT: 19.745 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

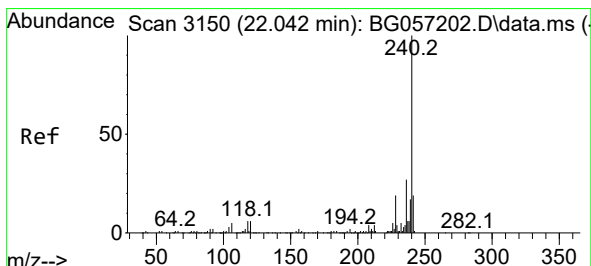
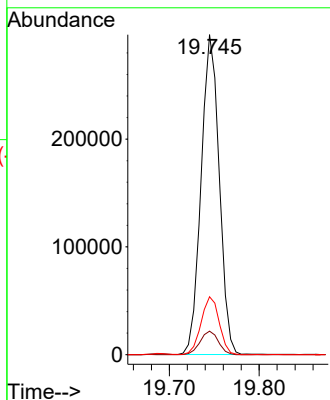
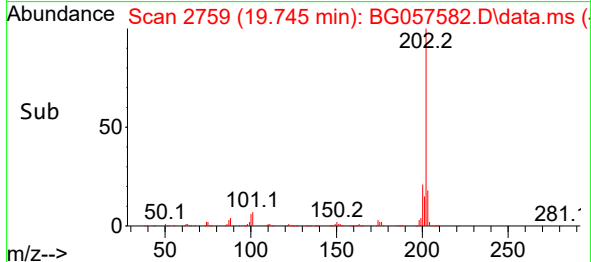
Instrument :
BNA_G
ClientSampleId :
PB153012BS



Tgt Ion:202 Resp: 41489
Ion Ratio Lower Upper
202 100
101 7.3 0.0 26.2
203 18.1 0.0 37.9

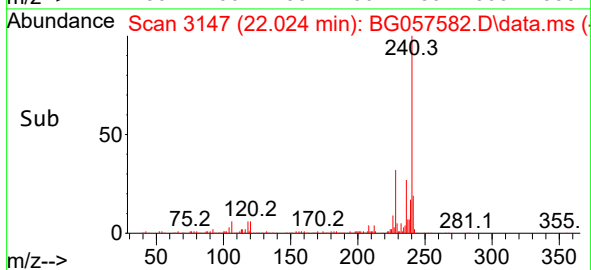
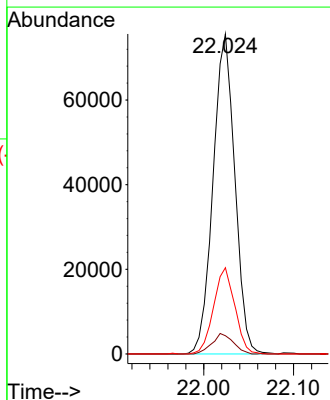
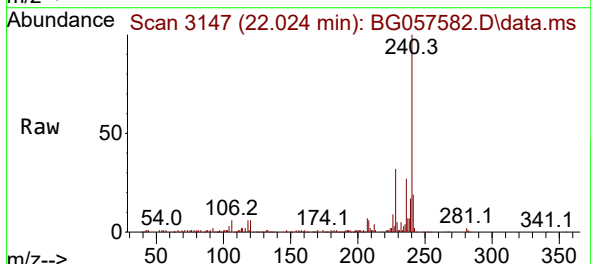
Manual Integrations
APPROVED

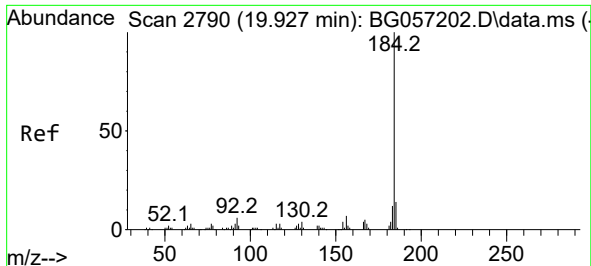
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.024 min Scan# 3147
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Tgt Ion:240 Resp: 127157
Ion Ratio Lower Upper
240 100
120 5.7 4.9 7.3
236 27.0 21.4 32.2





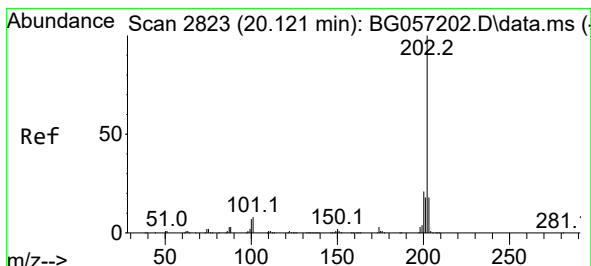
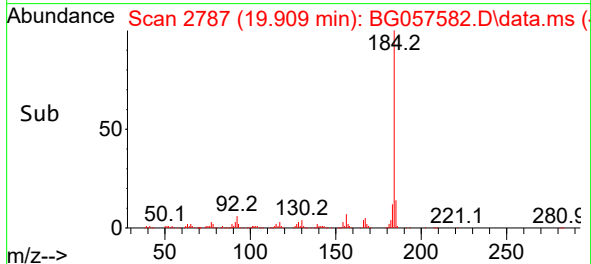
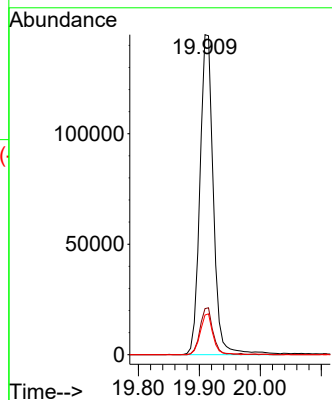
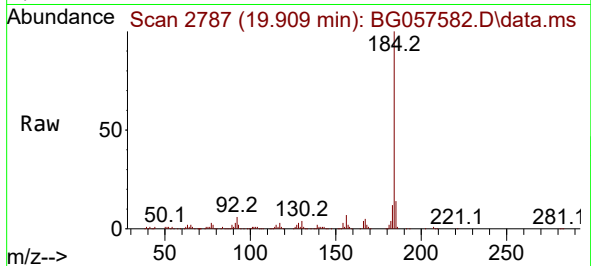
#77
Benzidine
Concen: 77.869 ng
RT: 19.909 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Instrument :
BNA_G
ClientSampleId :
PB153012BS

Tgt Ion:184 Resp: 22136
Ion Ratio Lower Upper
184 100
185 14.4 11.1 16.7
183 12.4 9.9 14.9

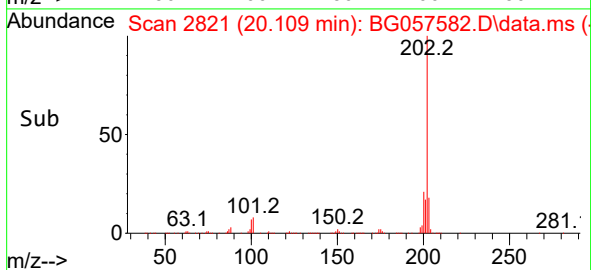
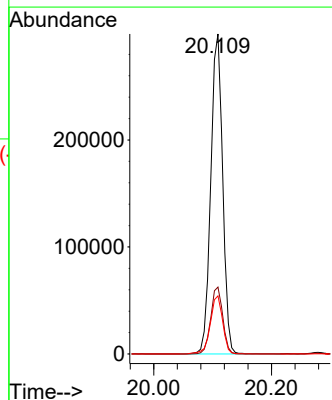
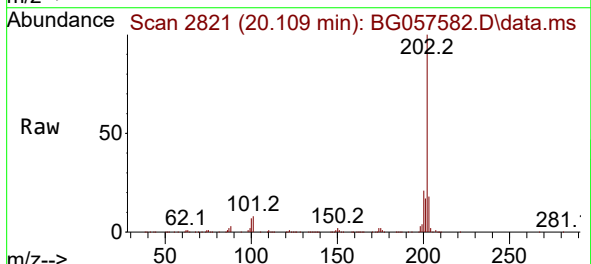
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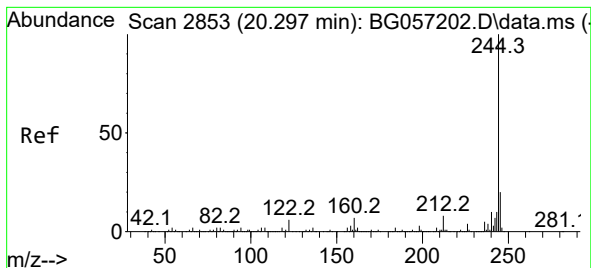
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#78
Pyrene
Concen: 45.378 ng
RT: 20.109 min Scan# 2821
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Tgt Ion:202 Resp: 419296
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 18.2 14.2 21.4





#79

Terphenyl-d14

Concen: 68.247 ng

RT: 20.279 min Scan# 2853

Delta R.T. 0.003 min

Lab File: BG057582.D

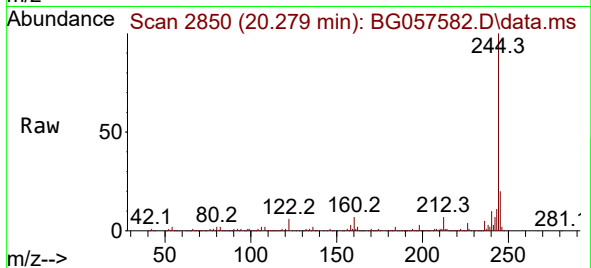
Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

PB153012BS



Tgt Ion:244 Resp: 531770

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

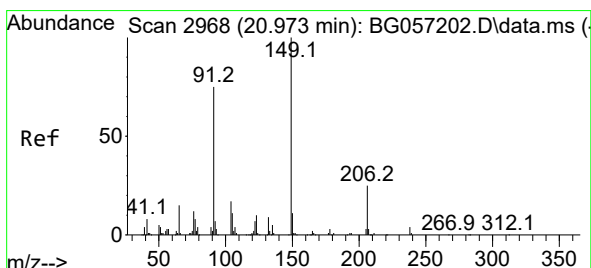
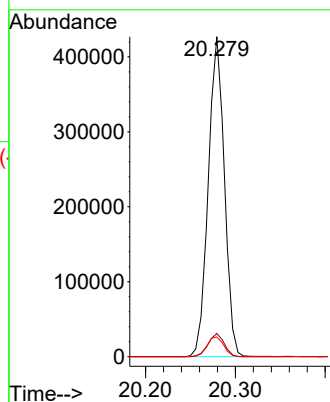
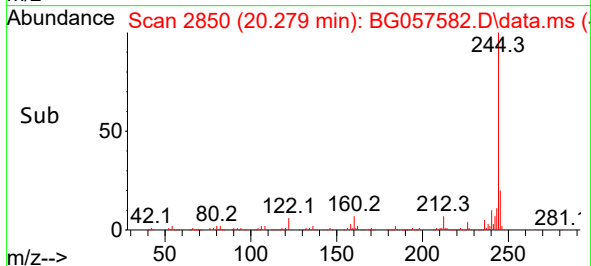
122 6.2 5.1 7.7

Manual Integrations

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Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#80

Butylbenzylphthalate

Concen: 50.191 ng

RT: 20.955 min Scan# 2965

Delta R.T. 0.003 min

Lab File: BG057582.D

Acq: 26 May 2023 12:30

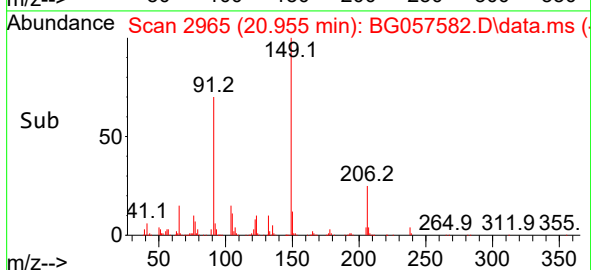
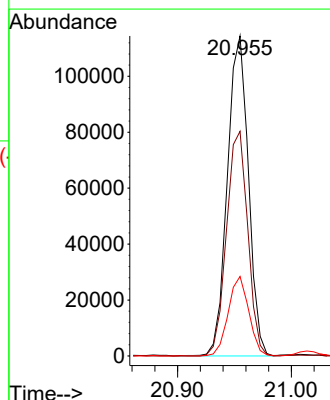
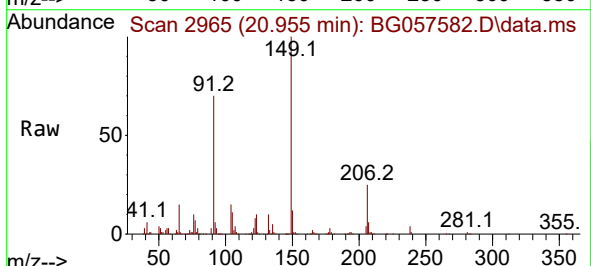
Tgt Ion:149 Resp: 147148

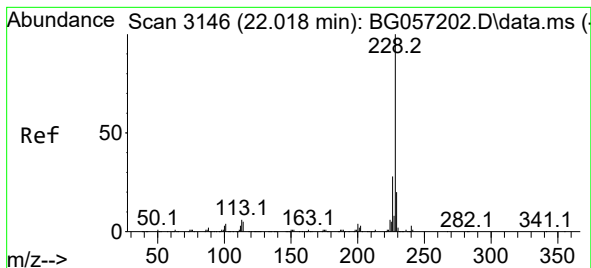
Ion Ratio Lower Upper

149 100

91 70.2 59.7 89.5

206 24.9 19.7 29.5





#81

Benzo(a)anthracene

Concen: 43.901 ng

RT: 22.001 min Scan# 3146

Delta R.T. 0.003 min

Lab File: BG057582.D

Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

PB153012BS

Tgt Ion:228 Resp: 397724

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

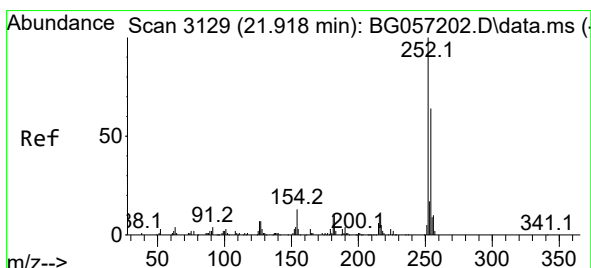
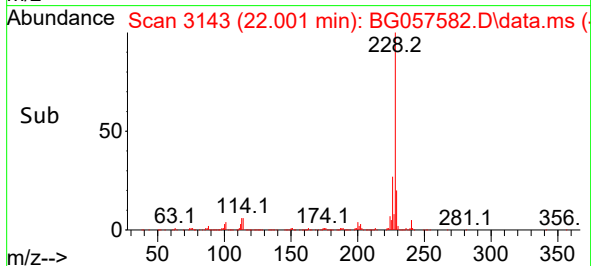
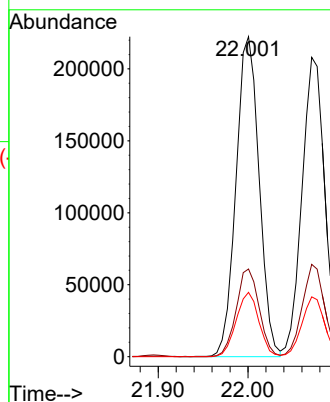
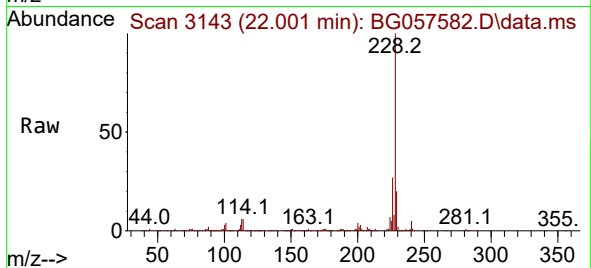
229 20.1 15.8 23.8

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Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#82

3,3'-Dichlorobenzidine

Concen: 35.649 ng

RT: 21.895 min Scan# 3125

Delta R.T. -0.003 min

Lab File: BG057582.D

Acq: 26 May 2023 12:30

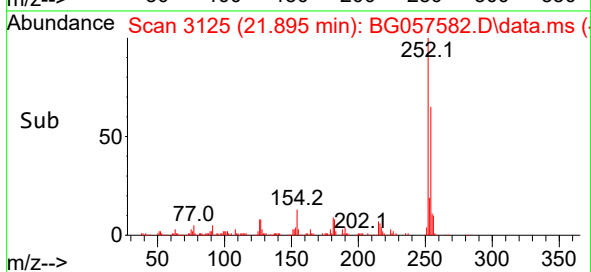
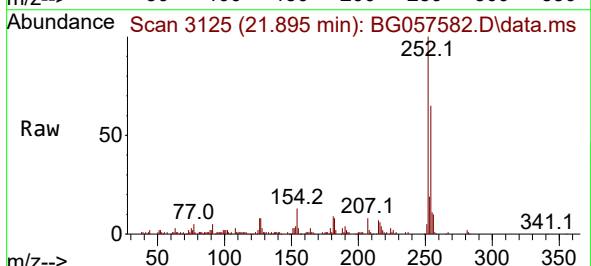
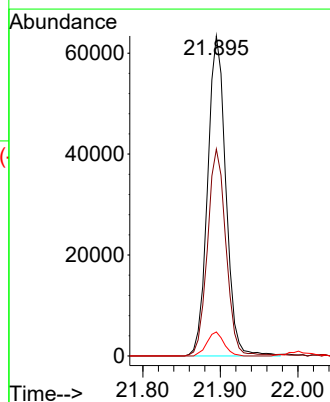
Tgt Ion:252 Resp: 103446

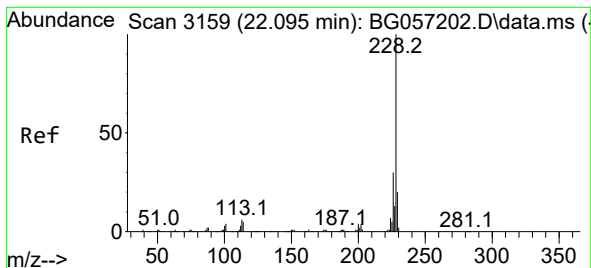
Ion Ratio Lower Upper

252 100

254 64.7 51.4 77.0

126 7.5 5.9 8.9





#83

Chrysene

Concen: 42.900 ng

RT: 22.071 min Scan# 3115

Delta R.T. 0.003 min

Lab File: BG057582.D

Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

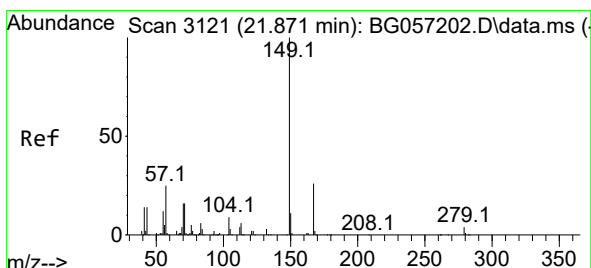
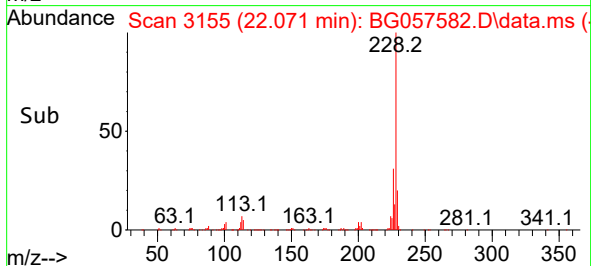
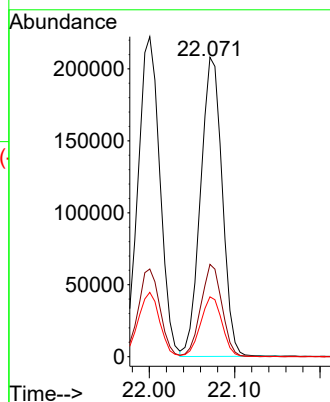
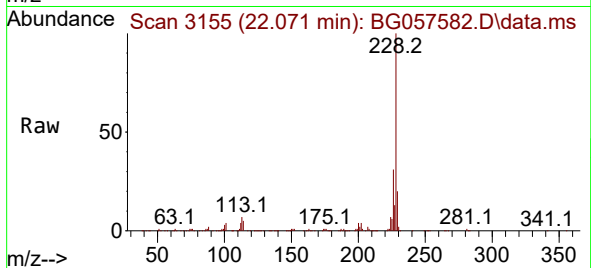
PB153012BS

Tgt Ion:228 Resp: 365679
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.3 36.5
 229 20.0 15.9 23.9

Manual Integrations

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.390 ng

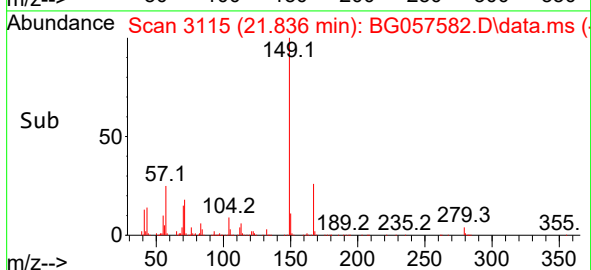
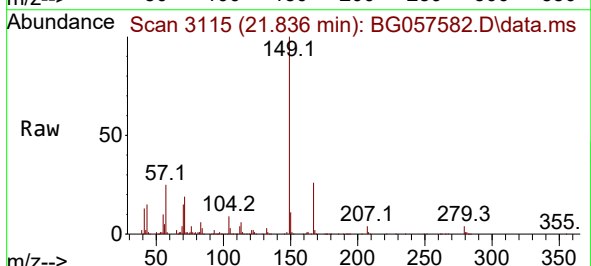
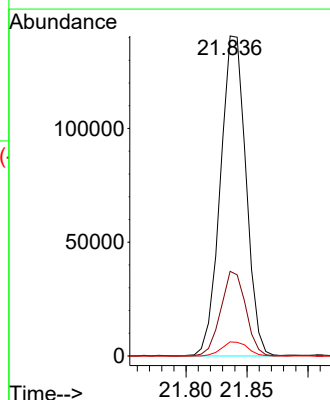
RT: 21.836 min Scan# 3115

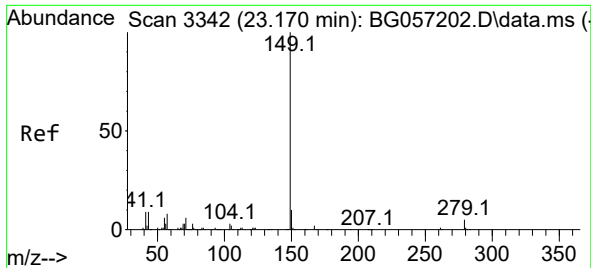
Delta R.T. -0.003 min

Lab File: BG057582.D

Acq: 26 May 2023 12:30

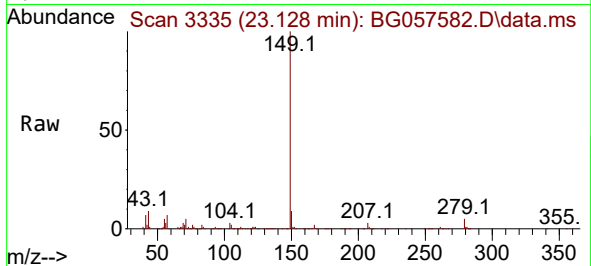
Tgt Ion:149 Resp: 205564
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.2 31.8
 279 4.4 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 48.051 ng
RT: 23.128 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

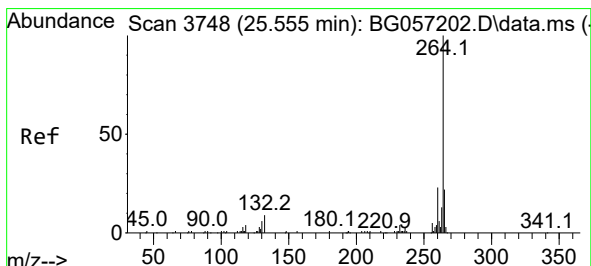
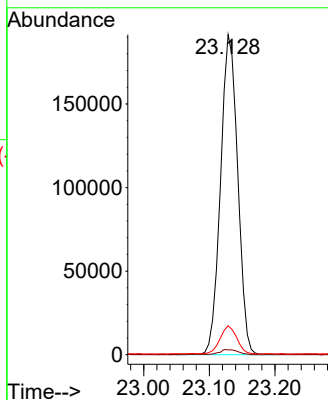
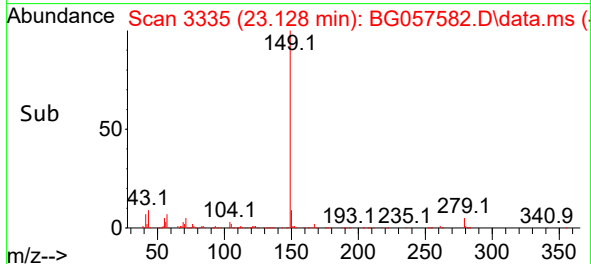
Instrument :
BNA_G
ClientSampleId :
PB153012BS



Tgt Ion:149 Resp: 34748
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 8.6 7.8 11.8

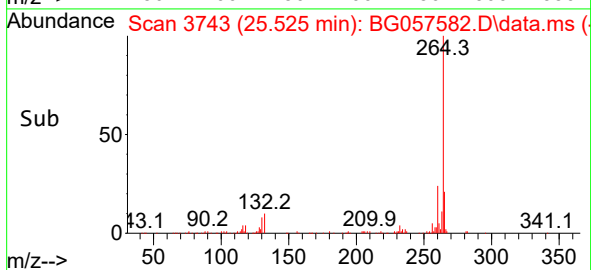
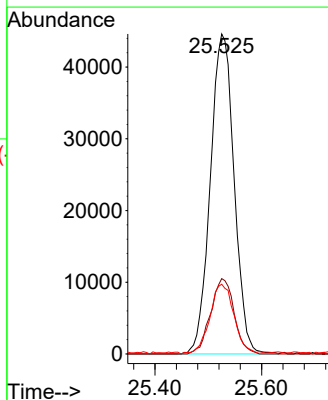
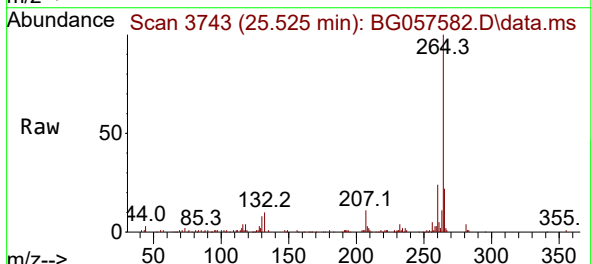
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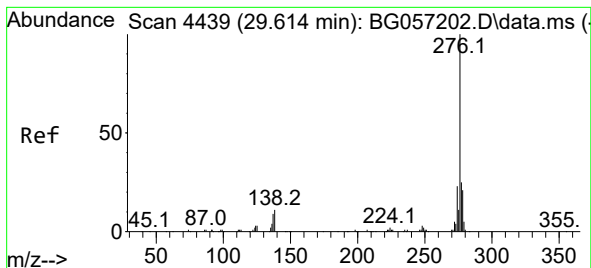
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.525 min Scan# 3743
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Tgt Ion:264 Resp: 138045
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 21.8 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.069 ng

RT: 29.596 min Scan# 443378

Delta R.T. 0.015 min

Lab File: BG057582.D

Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

PB153012BS

Tgt Ion:276 Resp: 443378

Ion Ratio Lower Upper

276 100

138 15.1 5.4 8.0

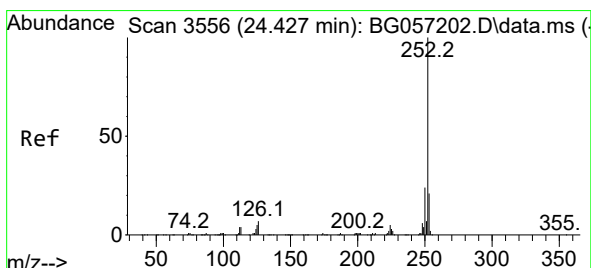
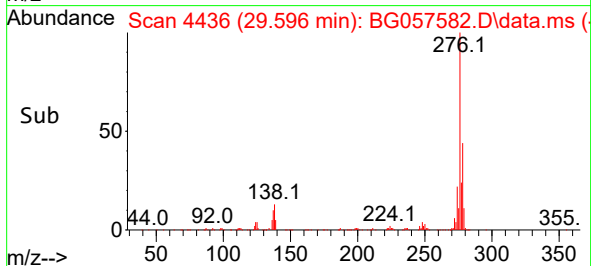
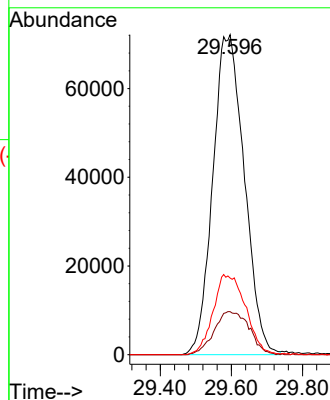
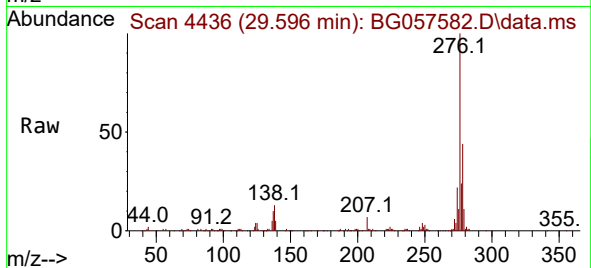
277 25.8 20.6 30.8

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: 43.945 ng

RT: 24.403 min Scan# 3552

Delta R.T. 0.003 min

Lab File: BG057582.D

Acq: 26 May 2023 12:30

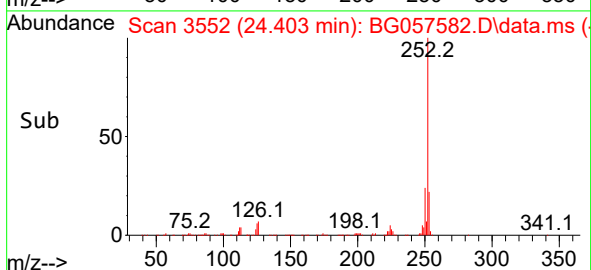
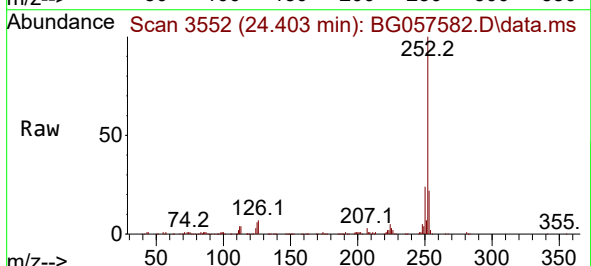
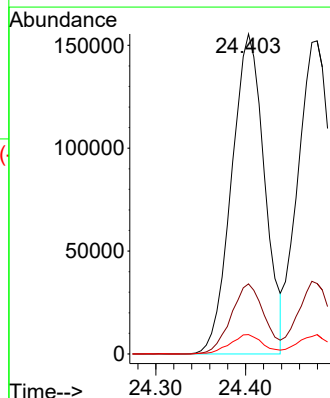
Tgt Ion:252 Resp: 396554

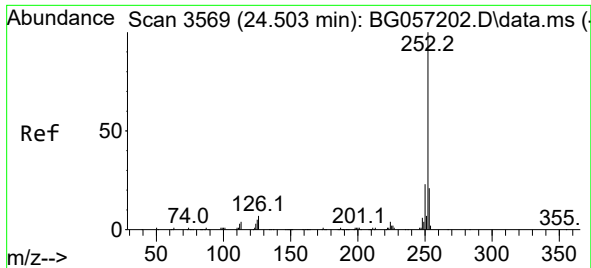
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

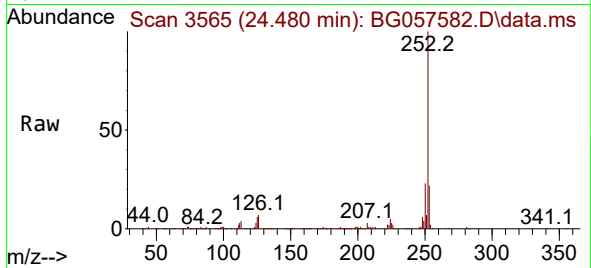
125 6.1 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 42.771 ng m
RT: 24.480 min Scan# 31
Delta R.T. 0.009 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

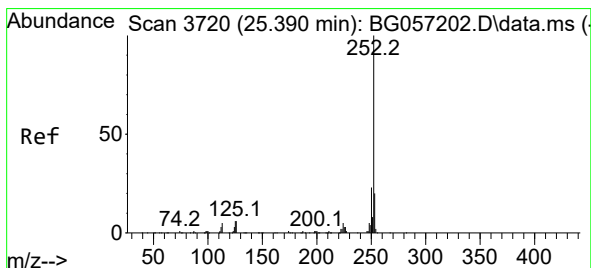
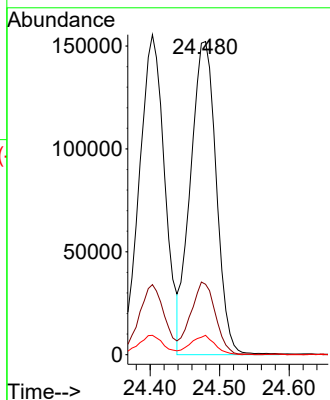
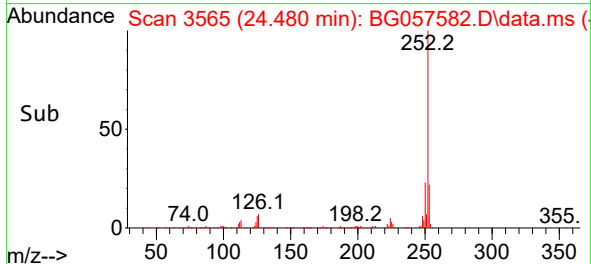
Instrument :
BNA_G
ClientSampleId :
PB153012BS



Tgt Ion:252 Resp: 392209
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 6.2 4.1 6.1

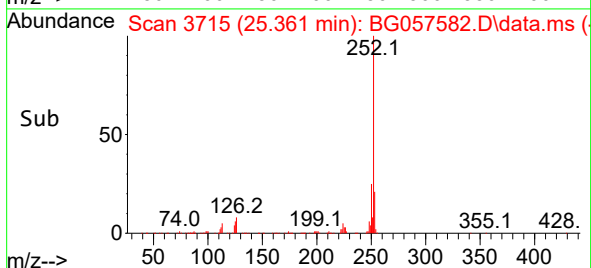
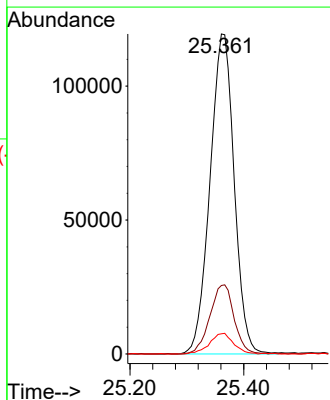
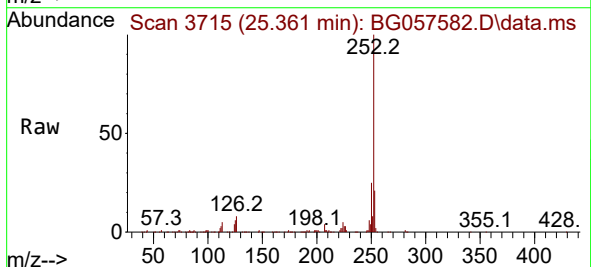
Manual Integrations
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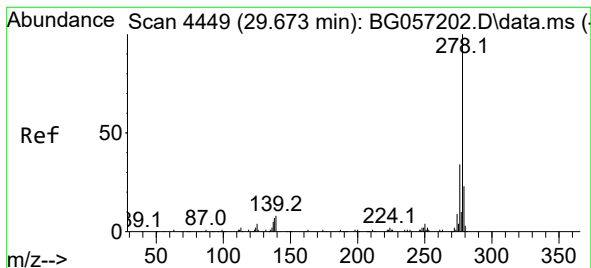
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#90
Benzo(a)pyrene
Concen: 39.979 ng
RT: 25.361 min Scan# 3715
Delta R.T. 0.003 min
Lab File: BG057582.D
Acq: 26 May 2023 12:30

Tgt Ion:252 Resp: 352455
Ion Ratio Lower Upper
252 100
253 21.4 16.3 24.5
125 6.3 5.0 7.4





#91

Dibenzo(a,h)anthracene

Concen: 44.017 ng

RT: 29.643 min Scan# 4444

Delta R.T. 0.009 min

Lab File: BG057582.D

Acq: 26 May 2023 12:30

Instrument :

BNA_G

ClientSampleId :

PB153012BS

Tgt Ion:278 Resp: 36880

Ion Ratio Lower Upper

278 100

139 8.0 6.2 9.2

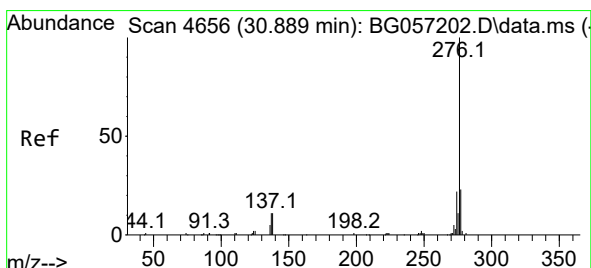
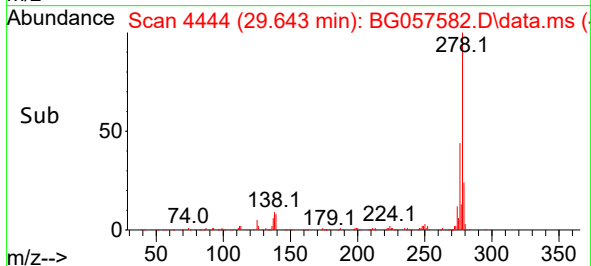
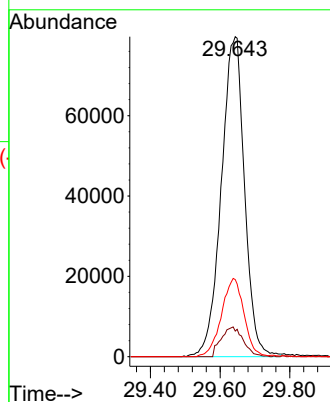
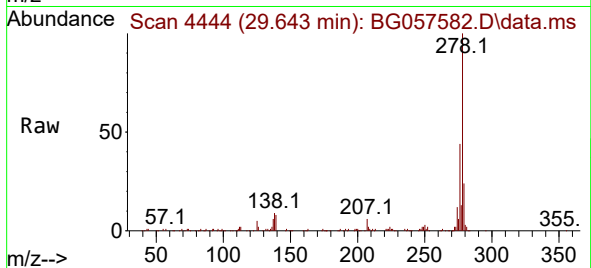
279 24.1 18.6 27.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#92

Benzo(g,h,i)perylene

Concen: 43.945 ng

RT: 30.865 min Scan# 4652

Delta R.T. 0.009 min

Lab File: BG057582.D

Acq: 26 May 2023 12:30

Tgt Ion:276 Resp: 359516

Ion Ratio Lower Upper

276 100

277 24.2 18.4 27.6

138 12.7 9.0 13.4

