

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
 Data File : BG055610.D
 Acq On : 14 Nov 2022 18:45
 Operator : CG/JU
 Sample : N5561-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SB-25MS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/15/2022
 Supervised By :Jagrut Upadhyay 11/15/2022

Quant Time: Nov 15 01:03:48 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 10 03:39:46 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	51459	20.000	ng	0.00
21) Naphthalene-d8	11.096	136	225164	20.000	ng	0.00
39) Acenaphthene-d10	14.891	164	157184	20.000	ng	0.00
64) Phenanthrene-d10	17.629	188	336666	20.000	ng	0.00
76) Chrysene-d12	21.936	240	299813	20.000	ng	0.00
86) Perylene-d12	25.362	264	325334	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	399292	147.796	ng	0.00
7) Phenol-d6	7.406	99	518494	138.937	ng	0.00
23) Nitrobenzene-d5	9.439	82	325970	98.142	ng	0.00
42) 2,4,6-Tribromophenol	16.372	330	260145	169.625	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	789467	75.760	ng	0.00
79) Terphenyl-d14	20.215	244	1169362	78.340	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.622	88	51205	37.315	ng	93
3) Pyridine	4.039	79	145442	38.119	ng	99
4) n-Nitrosodimethylamine	3.951	42	92036	44.317	ng	98
6) Aniline	7.577	93	118756	23.958	ng	99
8) 2-Chlorophenol	7.823	128	175566	58.046	ng	97
9) Benzaldehyde	7.388	77	106602	36.205	ng	97
10) Phenol	7.436	94	220329	51.285	ng	99
11) bis(2-Chloroethyl)ether	7.671	93	159763	46.189	ng	98
12) 1,3-Dichlorobenzene	8.152	146	190171	50.334	ng	97
13) 1,4-Dichlorobenzene	8.299	146	192061	50.229	ng	99
14) 1,2-Dichlorobenzene	8.622	146	188756	51.982	ng	100
15) Benzyl Alcohol	8.499	79	160261m	49.245	ng	
16) 2,2'-oxybis(1-Chloropr...	8.793	45	300347	45.190	ng	99
17) 2-Methylphenol	8.699	107	156325	51.708	ng	98
18) Hexachloroethane	9.363	117	68824	54.217	ng	96
19) n-Nitroso-di-n-propyla...	9.069	70	134479	43.603	ng	99
20) 3+4-Methylphenols	9.028	107	210880	50.070	ng	96
22) Acetophenone	9.092	105	263560	44.002	ng	100
24) Nitrobenzene	9.480	77	200399	52.445	ng	98
25) Isophorone	10.003	82	376969	44.425	ng	99
26) 2-Nitrophenol	10.197	139	96690	74.910	ng	# 92
27) 2,4-Dimethylphenol	10.244	122	176402	58.144	ng	99
28) bis(2-Chloroethoxy)met...	10.479	93	215625	47.129	ng	99
29) 2,4-Dichlorophenol	10.738	162	183230	54.956	ng	97
30) 1,2,4-Trichlorobenzene	10.955	180	201879	48.338	ng	99
31) Naphthalene	11.149	128	543890	44.678	ng	99
32) Benzoic acid	10.385	122	128344	61.820	ng	92
33) 4-Chloroaniline	11.243	127	106882	21.005	ng	98
34) Hexachlorobutadiene	11.425	225	136225	48.907	ng	99
35) Caprolactam	12.024	113	55023m	48.410	ng	
36) 4-Chloro-3-methylphenol	12.347	107	193347	49.197	ng	97
37) 2-Methylnaphthalene	12.735	142	405236	44.305	ng	100
38) 1-Methylnaphthalene	12.953	142	384957	43.028	ng	99
40) 1,2,4,5-Tetrachloroben...	13.094	216	240651	51.254	ng	99
41) Hexachlorocyclopentadiene	13.070	237	142423	70.855	ng	98
43) 2,4,6-Trichlorophenol	13.323	196	160593	58.170	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.399	196	172432	54.558	ng	100
46) 1,1'-Biphenyl	13.722	154	539862	46.947	ng	98
47) 2-Chloronaphthalene	13.775	162	414989	46.723	ng	99
48) 2-Nitroaniline	13.963	65	132355	57.074	ng	97
49) Acenaphthylene	14.615	152	662043	45.048	ng	100
50) Dimethylphthalate	14.333	163	522287	43.728	ng	100
51) 2,6-Dinitrotoluene	14.457	165	111911	52.954	ng	90
52) Acenaphthene	14.956	154	439836	47.940	ng	99
53) 3-Nitroaniline	14.780	138	87172	35.547	ng	# 97
54) 2,4-Dinitrophenol	14.985	184	77367	104.180	ng	# 75
55) Dibenzofuran	15.285	168	642030	43.771	ng	99
56) 4-Nitrophenol	15.079	139	189847	107.343	ng	98
57) 2,4-Dinitrotoluene	15.238	165	152635	54.506	ng	96
58) Fluorene	15.931	166	497695	42.650	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.503	232	154307	52.675	ng	97
60) Diethylphthalate	15.685	149	518746	42.693	ng	100
61) 4-Chlorophenyl-phenyle...	15.914	204	280736	45.229	ng	99
62) 4-Nitroaniline	15.943	138	105589	44.590	ng	100
63) Azobenzene	16.208	77	470006	39.907	ng	97
65) 4,6-Dinitro-2-methylph...	16.002	198	57739	51.801	ng	99
66) n-Nitrosodiphenylamine	16.131	169	444862	47.168	ng	100
67) 4-Bromophenyl-phenylether	16.807	248	180943	52.683	ng	99
68) Hexachlorobenzene	16.936	284	198248	48.552	ng	95
69) Atrazine	17.065	200	180718	52.947	ng	99
70) Pentachlorophenol	17.277	266	250217	111.854	ng	98
71) Phenanthrene	17.671	178	798516	44.132	ng	99
72) Anthracene	17.765	178	812192	45.804	ng	100
73) Carbazole	18.029	167	713029	44.494	ng	99
74) Di-n-butylphthalate	18.570	149	840489	45.744	ng	99
75) Fluoranthene	19.668	202	903305	41.865	ng	99
77) Benzidine	19.839	184	245727	30.295	ng	98
78) Pyrene	20.032	202	927842	45.727	ng	99
80) Butylbenzylphthalate	20.902	149	364574	47.232	ng	95
81) Benzo(a)anthracene	21.913	228	915474	44.579	ng	98
82) 3,3'-Dichlorobenzidine	21.813	252	254923	38.036	ng	99
83) Chrysene	21.983	228	862133	44.149	ng	99
84) Bis(2-ethylhexyl)phtha...	21.789	149	526647	51.427	ng	98
85) Di-n-octyl phthalate	23.076	149	895929	50.626	ng	99
87) Indeno(1,2,3-cd)pyrene	29.310	276	932793	37.645	ng	# 92
88) Benzo(b)fluoranthene	24.269	252	950970	46.134	ng	99
89) Benzo(k)fluoranthene	24.339	252	962317	45.664	ng	99
90) Benzo(a)pyrene	25.203	252	863710	48.642	ng	99
91) Dibenzo(a,h)anthracene	29.386	278	785000	38.272	ng	97
92) Benzo(g,h,i)perylene	30.550	276	630580	31.449	ng	99

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

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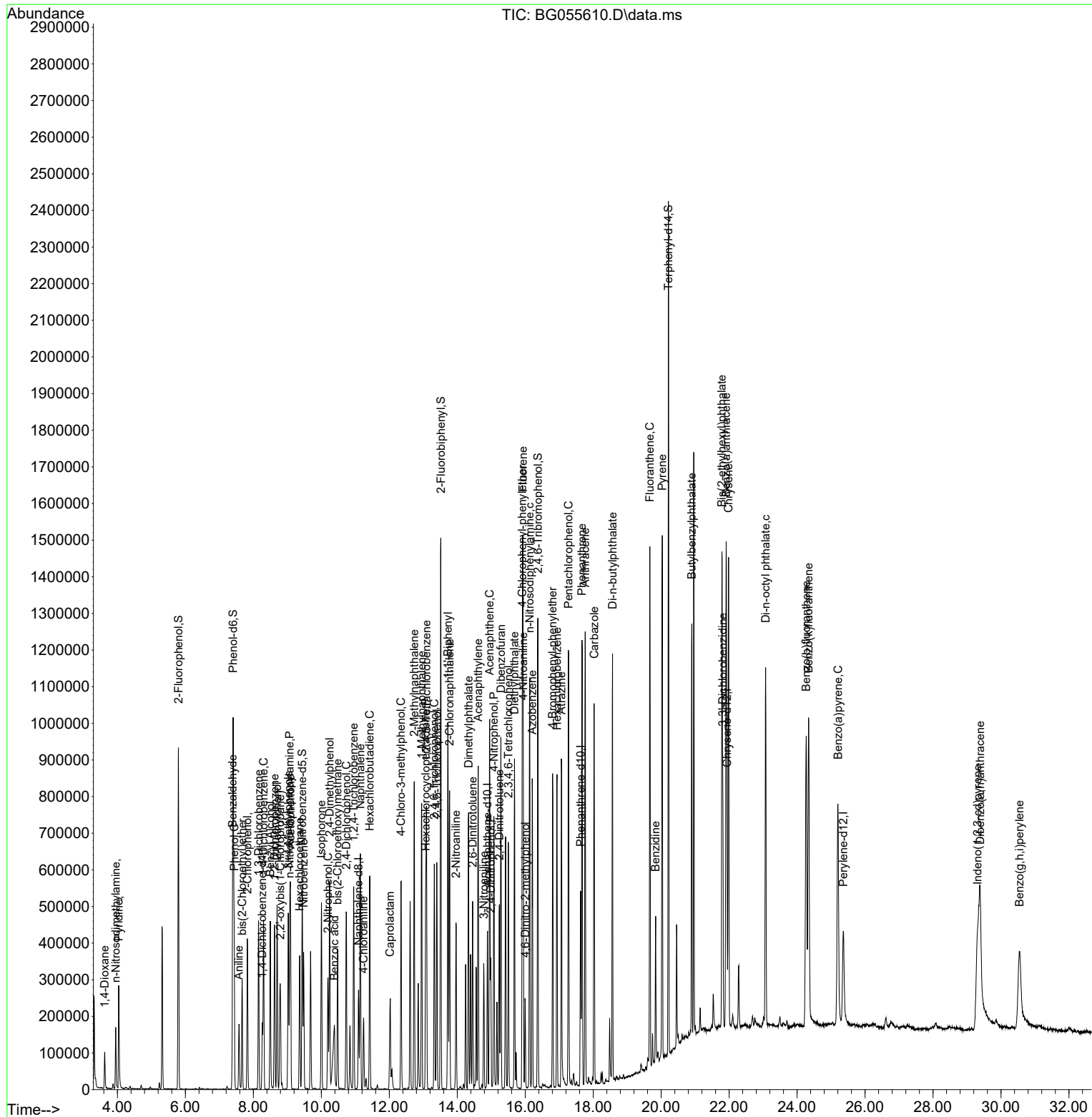
SB-25MS

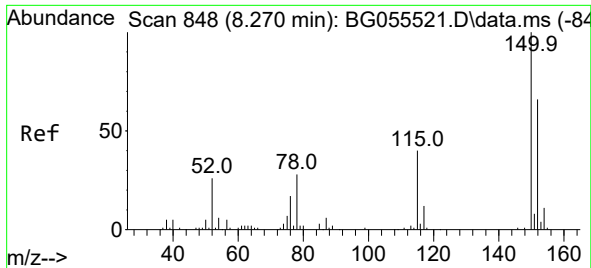
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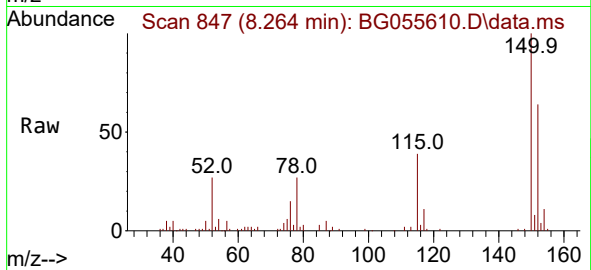
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.264 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: BG055610.D
 Acq: 14 Nov 2022 18:45

Instrument :

BNA_G

ClientSampleId :

SB-25MS

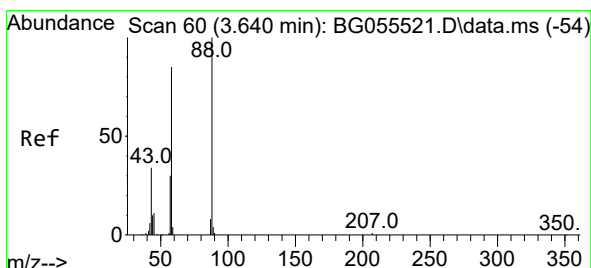
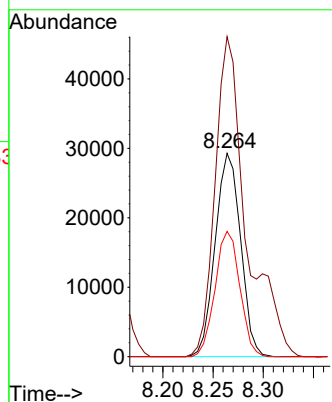
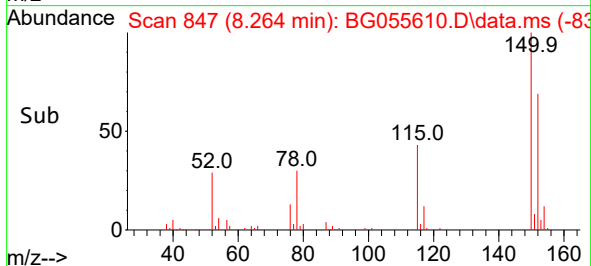


Tgt Ion:152 Resp: 5145
 Ion Ratio Lower Upper
 152 100
 150 157.3 121.0 181.4
 115 61.6 47.8 71.8

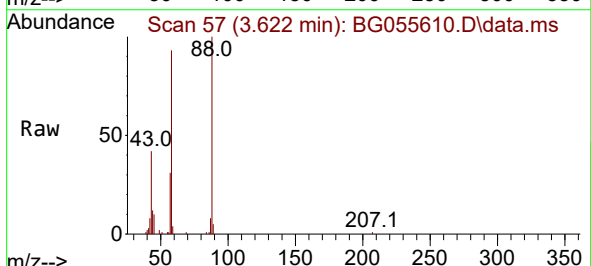
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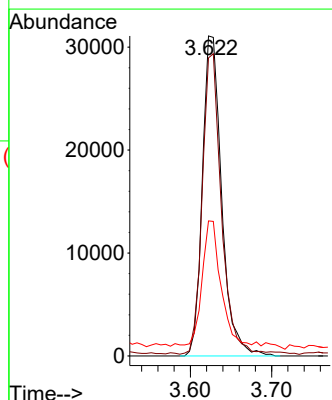
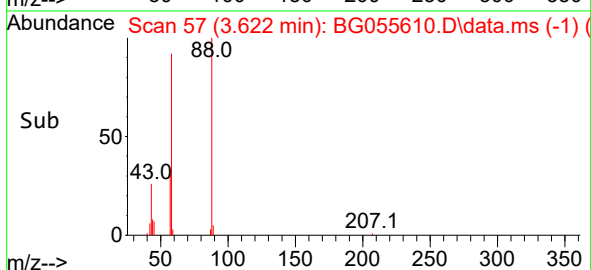
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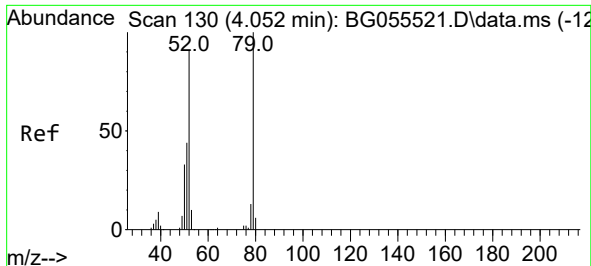


#2
 1,4-Dioxane
 Concen: 37.315 ng
 RT: 3.622 min Scan# 57
 Delta R.T. -0.018 min
 Lab File: BG055610.D
 Acq: 14 Nov 2022 18:45



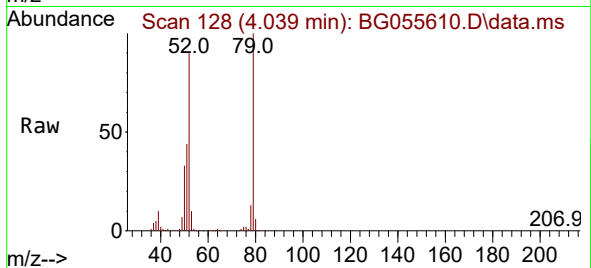
Tgt Ion: 88 Resp: 51205
 Ion Ratio Lower Upper
 88 100
 58 93.2 68.9 103.3
 43 36.8 27.1 40.7





#3
Pyridine
Concen: 38.119 ng
RT: 4.039 min Scan# 110
Delta R.T. -0.013 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

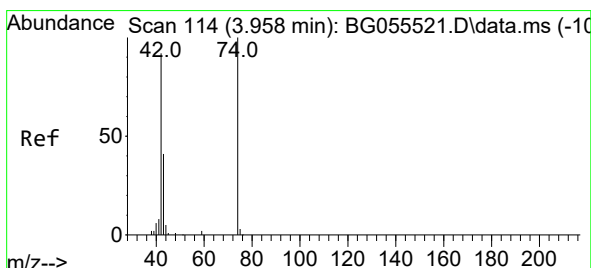
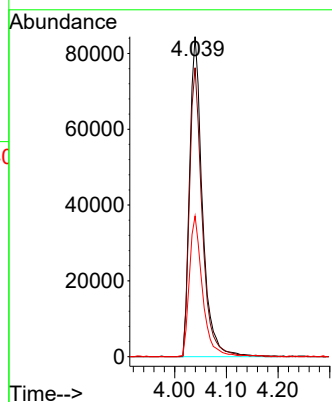
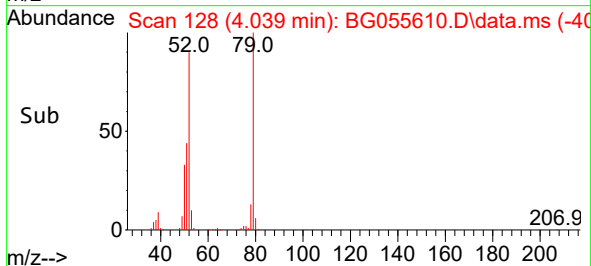
Instrument :
BNA_G
ClientSampleId :
SB-25MS



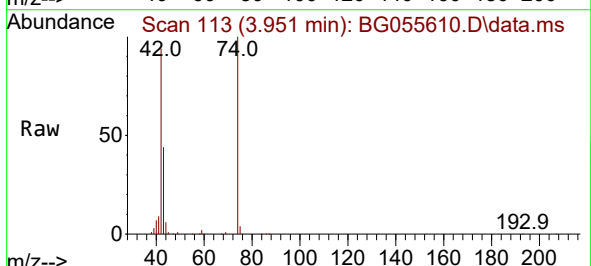
Tgt Ion: 79 Resp: 14544
Ion Ratio Lower Upper
79 100
52 90.3 72.7 109.1
51 43.9 36.0 54.0

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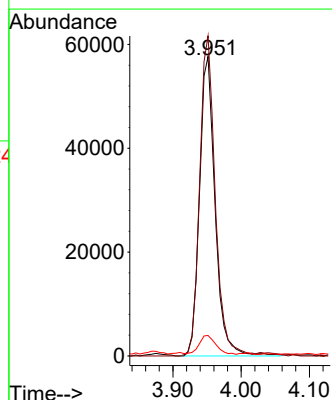
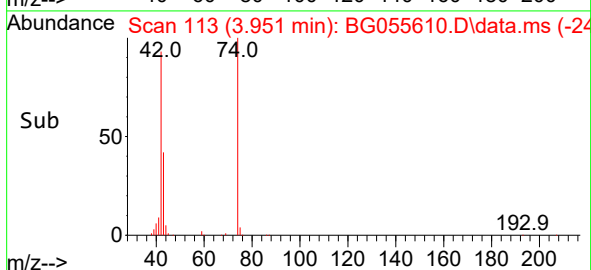
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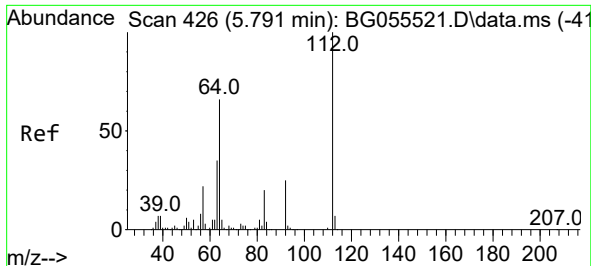


#4
n-Nitrosodimethylamine
Concen: 44.317 ng
RT: 3.951 min Scan# 113
Delta R.T. -0.007 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45



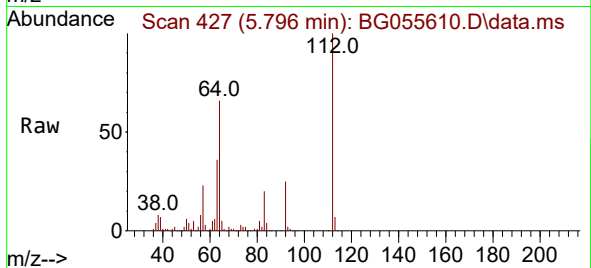
Tgt Ion: 42 Resp: 92036
Ion Ratio Lower Upper
42 100
74 106.8 87.1 130.7
44 6.8 5.6 8.4





#5
2-Fluorophenol
Concen: 147.796 ng
RT: 5.796 min Scan# 41
Delta R.T. 0.005 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

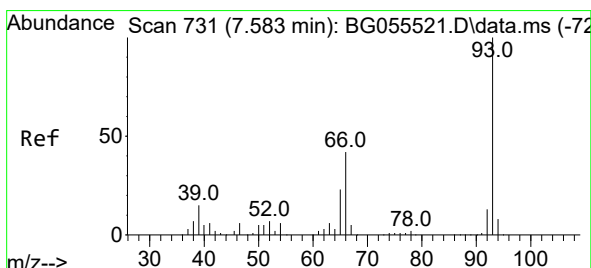
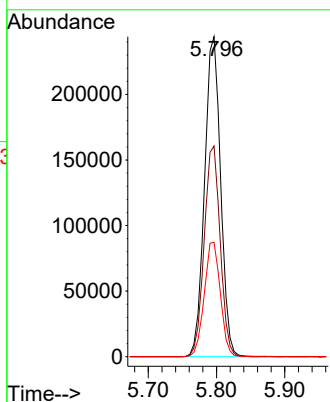
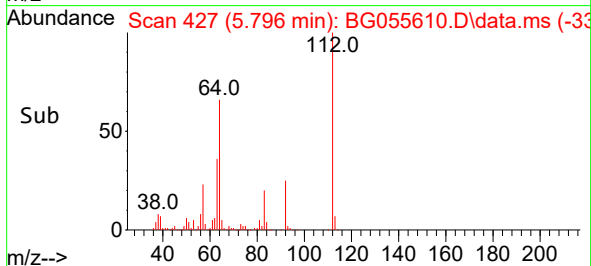
Instrument :
BNA_G
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Tgt Ion: 112 Resp: 399292
Ion Ratio Lower Upper
112 100
64 65.8 52.6 78.8
63 35.7 28.3 42.5

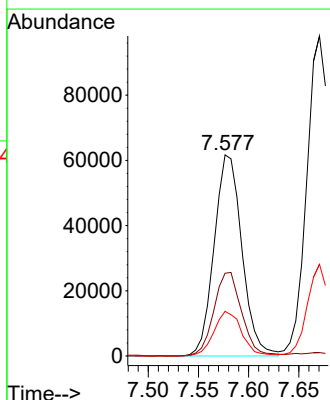
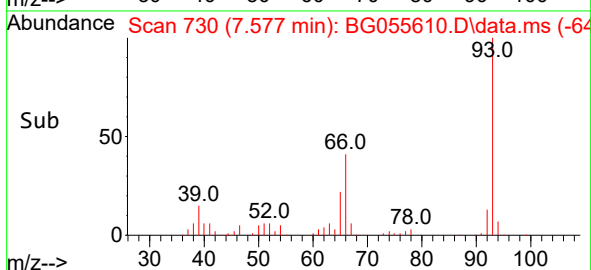
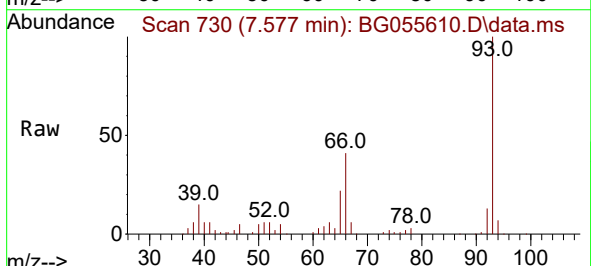
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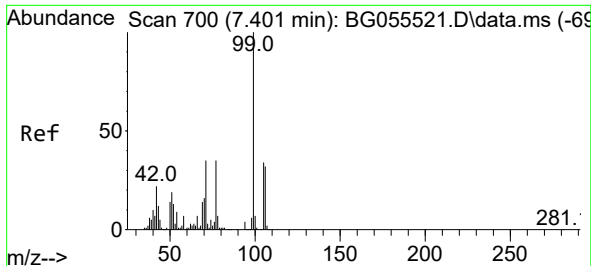
Reviewed By :Christian Giraldo 11/15/2022
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#6
Aniline
Concen: 23.958 ng
RT: 7.577 min Scan# 730
Delta R.T. -0.006 min
Lab File: BG055610.D
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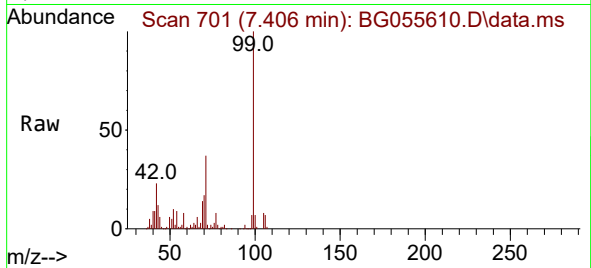
Tgt Ion: 93 Resp: 118756
Ion Ratio Lower Upper
93 100
66 41.2 33.2 49.8
65 22.2 18.1 27.1





#7
Phenol-d6
Concen: 138.937 ng
RT: 7.406 min Scan# 701
Delta R.T. 0.005 min
Lab File: BG055610.D
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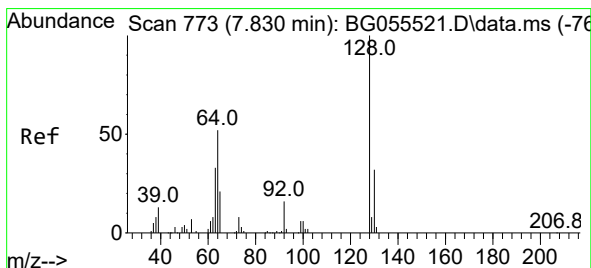
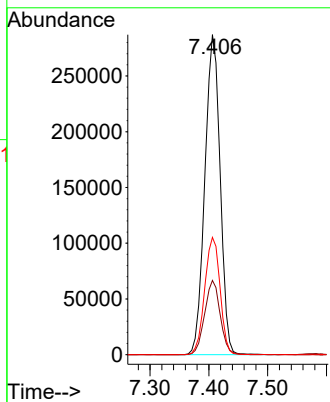
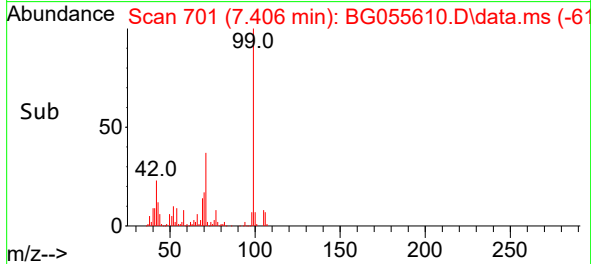
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Tgt Ion: 99 Resp: 518494
Ion Ratio Lower Upper
99 100
42 23.2 17.5 26.3
71 36.7 28.3 42.5

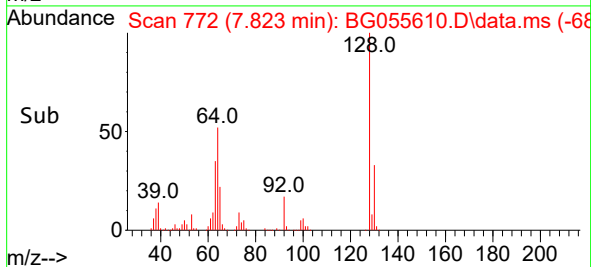
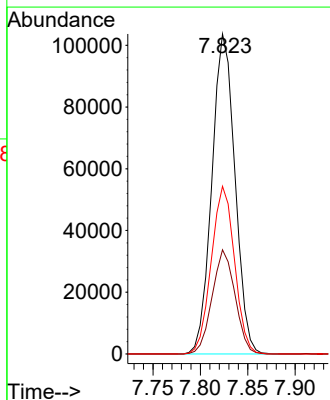
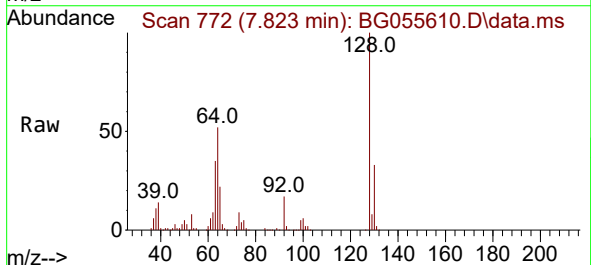
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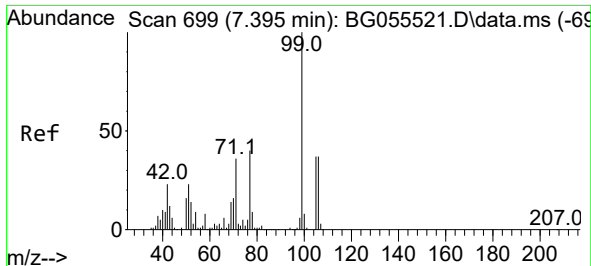
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#8
2-Chlorophenol
Concen: 58.046 ng
RT: 7.823 min Scan# 772
Delta R.T. -0.007 min
Lab File: BG055610.D
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Tgt Ion:128 Resp: 175566
Ion Ratio Lower Upper
128 100
130 32.6 12.2 52.2
64 52.4 35.5 75.5





#9
Benzaldehyde
Concen: 36.205 ng
RT: 7.388 min Scan# 699
Delta R.T. -0.006 min
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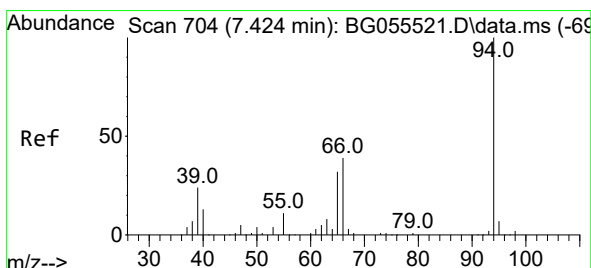
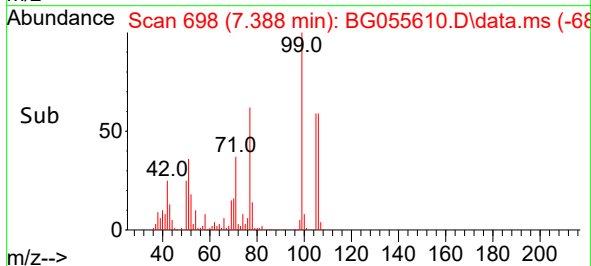
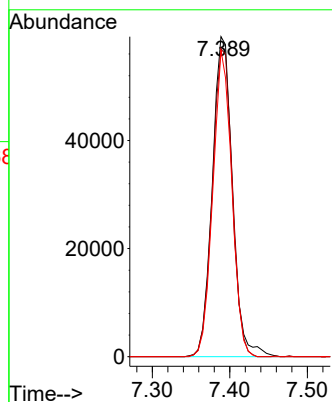
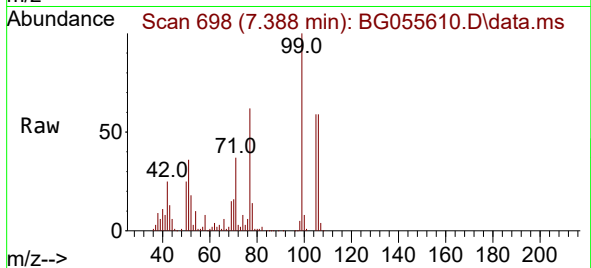
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Tgt Ion: 77 Resp: 106602
Ion Ratio Lower Upper
77 100
105 96.1 73.9 113.9
106 95.7 73.1 113.1

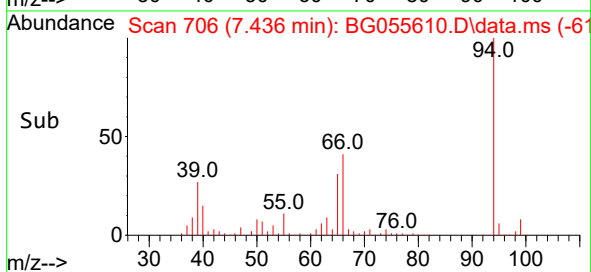
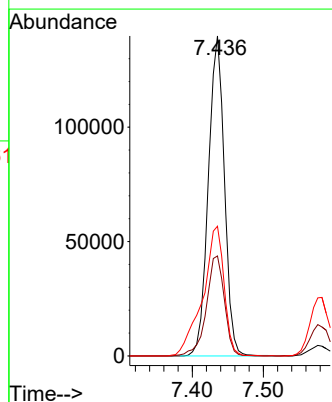
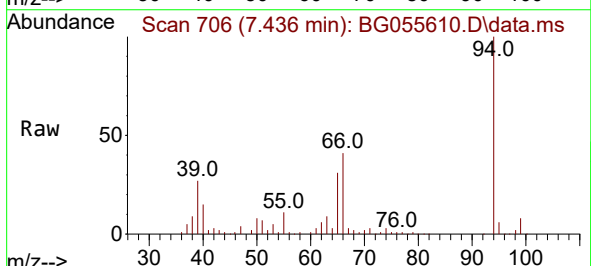
Manual Integrations
APPROVED

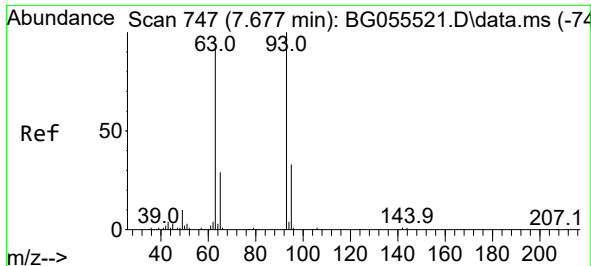
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#10
Phenol
Concen: 51.285 ng
RT: 7.436 min Scan# 706
Delta R.T. 0.011 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

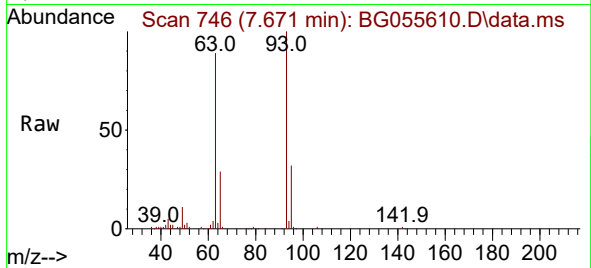
Tgt Ion: 94 Resp: 220329
Ion Ratio Lower Upper
94 100
65 31.3 11.9 51.9
66 40.5 20.3 60.3





#11
bis(2-Chloroethyl)ether
Concen: 46.189 ng
RT: 7.671 min Scan# 747
Delta R.T. -0.006 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

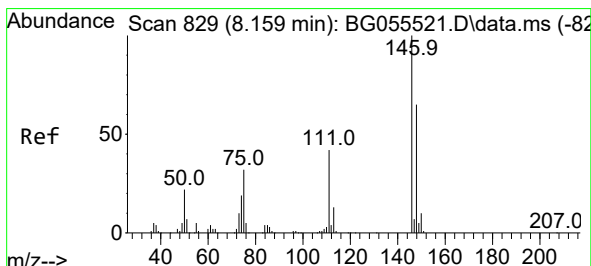
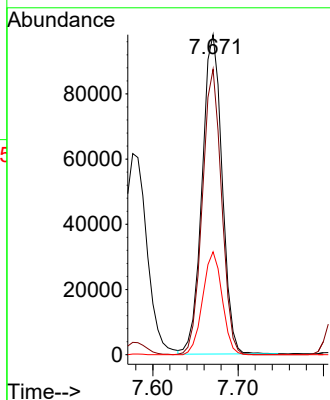
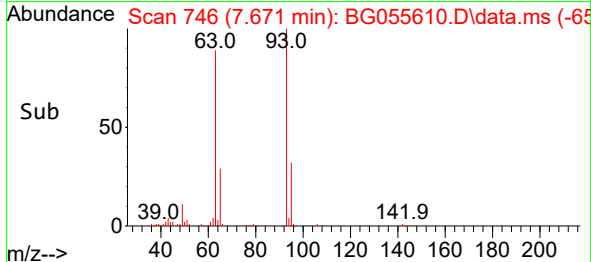
Instrument :
BNA_G
ClientSampleId :
SB-25MS



Tgt Ion: 93 Resp: 15976
Ion Ratio Lower Upper
93 100
63 89.2 71.2 111.2
95 32.1 12.4 52.4

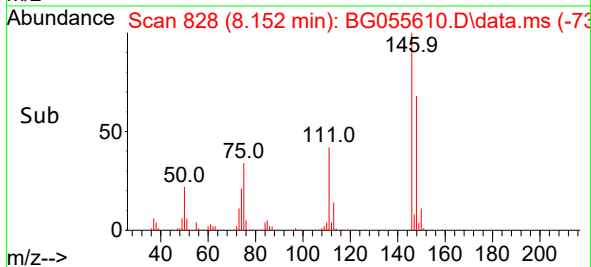
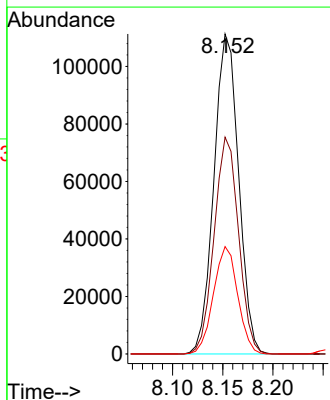
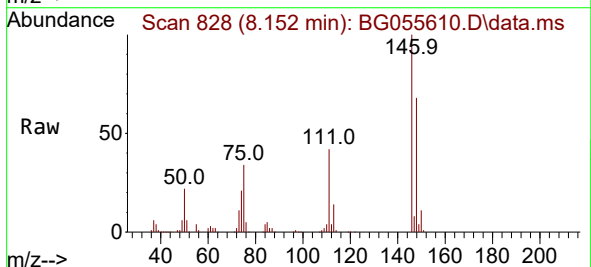
Manual Integrations
APPROVED

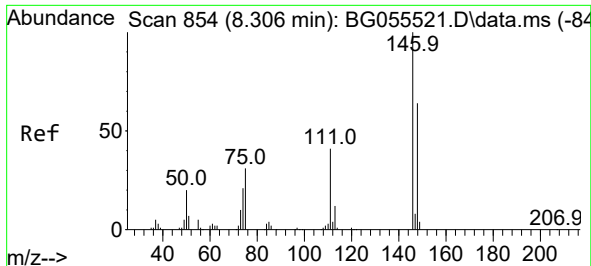
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#12
1,3-Dichlorobenzene
Concen: 50.334 ng
RT: 8.152 min Scan# 828
Delta R.T. -0.007 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

Tgt Ion:146 Resp: 190171
Ion Ratio Lower Upper
146 100
148 67.7 52.2 78.4
75 33.5 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 50.229 ng

RT: 8.299 min Scan# 81

Delta R.T. -0.007 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

Instrument :

BNA_G

ClientSampleId :

SB-25MS

Tgt Ion:146 Resp: 19206

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

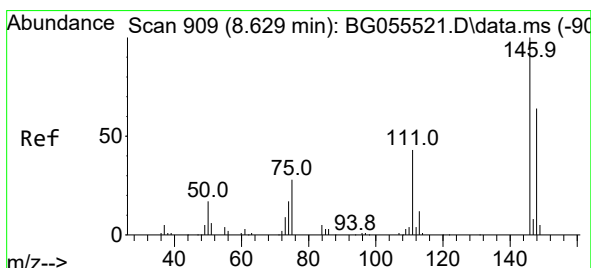
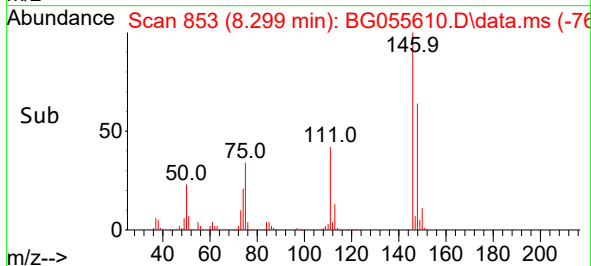
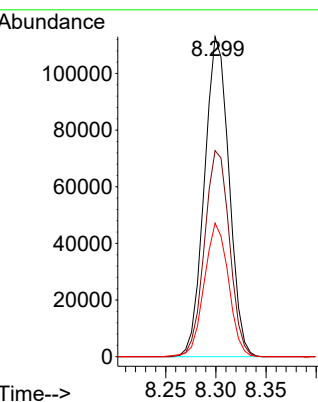
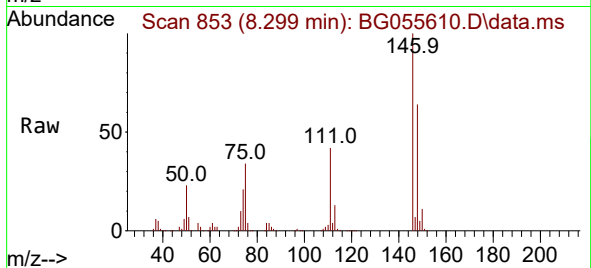
111 41.7 33.0 49.6

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Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#14

1,2-Dichlorobenzene

Concen: 51.982 ng

RT: 8.622 min Scan# 908

Delta R.T. -0.007 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

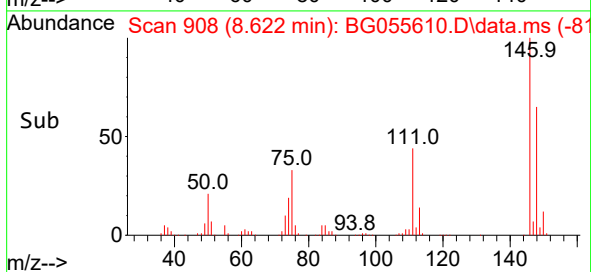
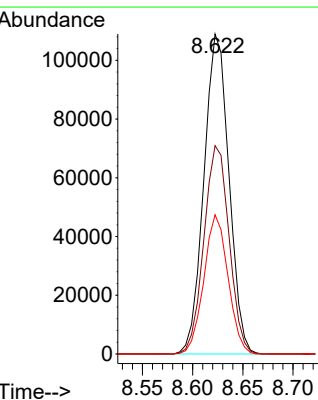
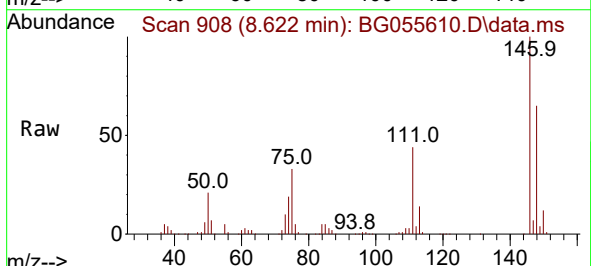
Tgt Ion:146 Resp: 188756

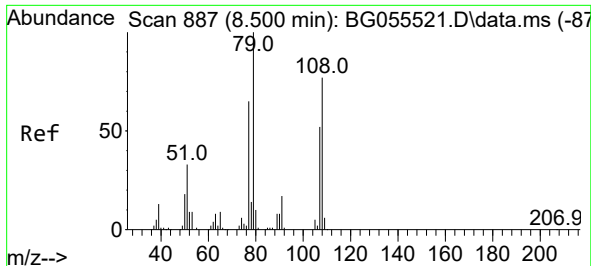
Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.6

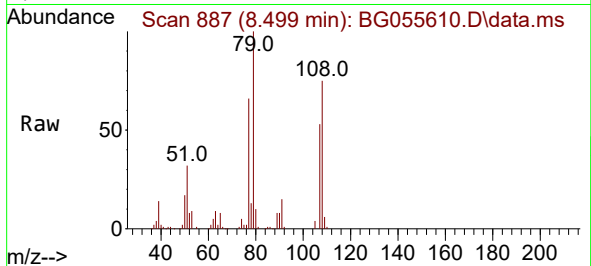
111 43.5 34.6 52.0





#15
Benzyl Alcohol
Concen: 49.245 ng m
RT: 8.499 min Scan# 887
Delta R.T. -0.001 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

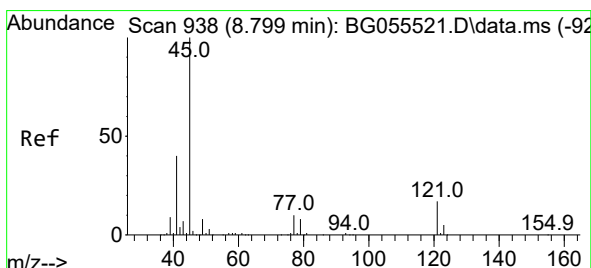
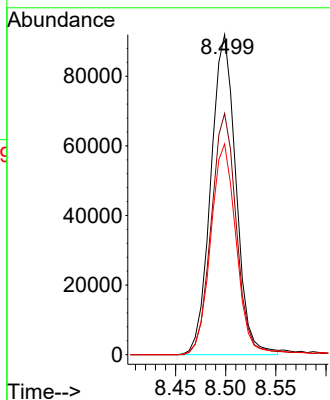
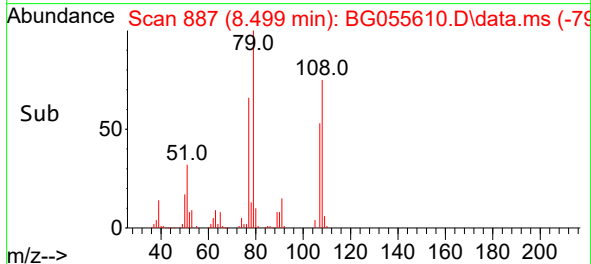
Instrument :
BNA_G
ClientSampleId :
SB-25MS



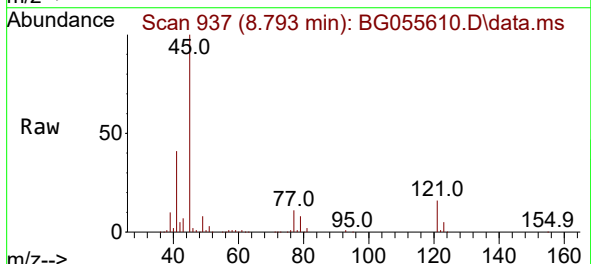
Tgt Ion: 79 Resp: 16026
Ion Ratio Lower Upper
79 100
108 75.3 61.8 92.6
77 65.8 52.4 78.6

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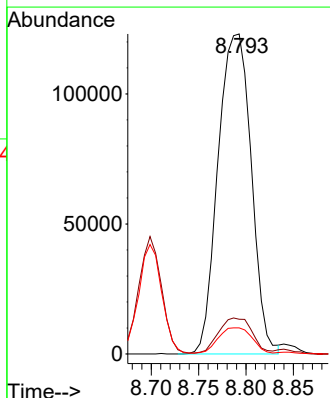
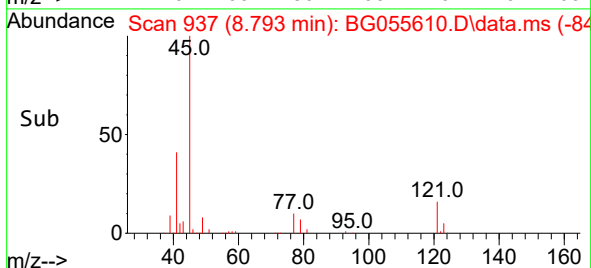
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

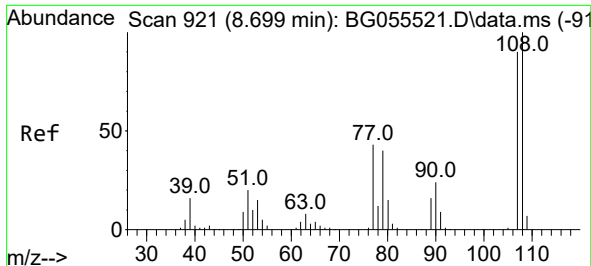


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.190 ng
RT: 8.793 min Scan# 937
Delta R.T. -0.006 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45



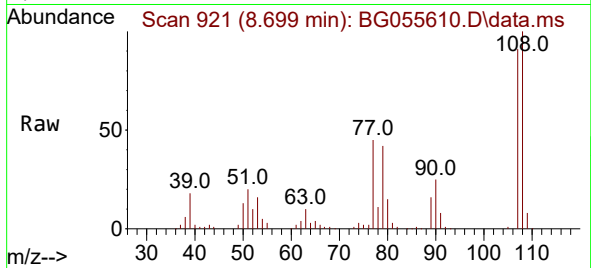
Tgt Ion: 45 Resp: 300347
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.4
79 8.1 0.0 28.3





#17
2-Methylphenol
Concen: 51.708 ng
RT: 8.699 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

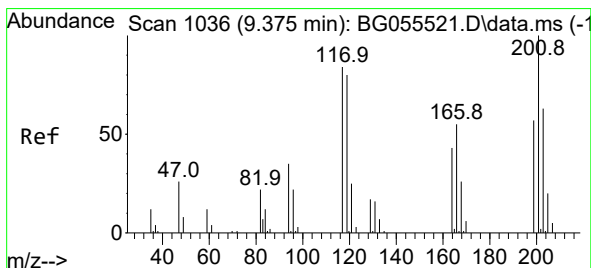
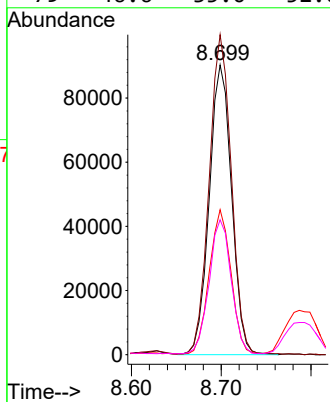
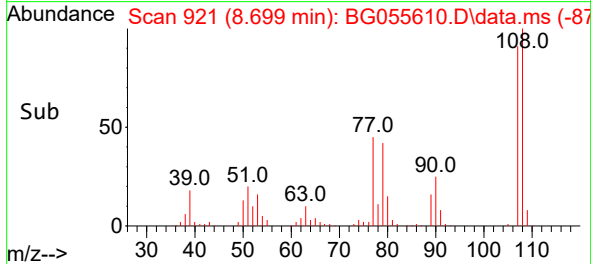
Instrument :
BNA_G
ClientSampleId :
SB-25MS



Tgt Ion:107 Resp: 15632
Ion Ratio Lower Upper
107 100
108 110.4 88.6 132.8
77 50.0 38.2 57.2
79 46.6 35.0 52.6

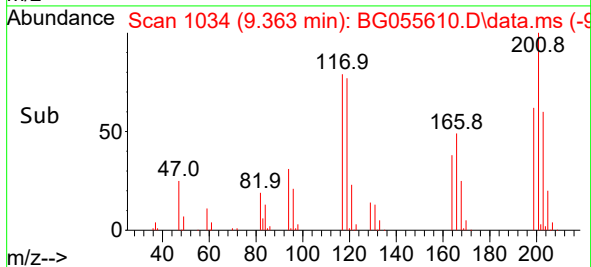
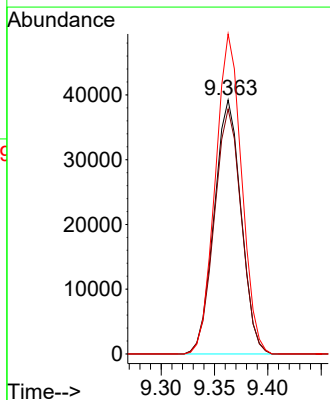
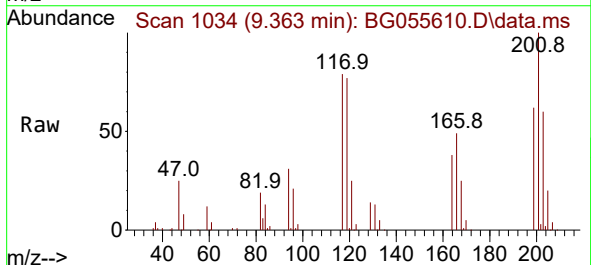
Manual Integrations
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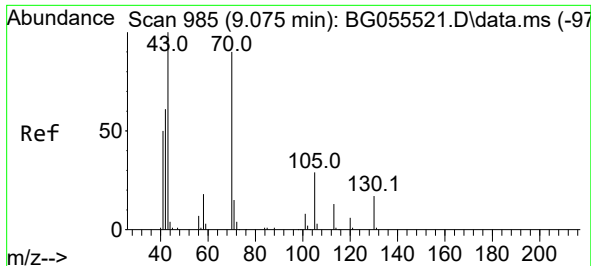
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#18
Hexachloroethane
Concen: 54.217 ng
RT: 9.363 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

Tgt Ion:117 Resp: 68824
Ion Ratio Lower Upper
117 100
119 96.4 77.3 115.9
201 125.9 94.8 142.2





#19

n-Nitroso-di-n-propylamine

Concen: 43.603 ng

RT: 9.069 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG055610.D

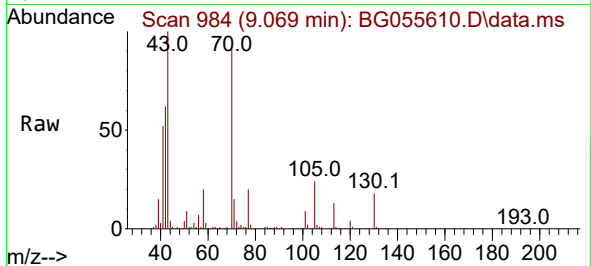
Acq: 14 Nov 2022 18:45

Instrument :

BNA_G

ClientSampleId :

SB-25MS



Tgt Ion: 70 Resp: 134479

Ion Ratio Lower Upper

70 100

42 68.2 54.8 82.2

101 9.7 6.8 10.2

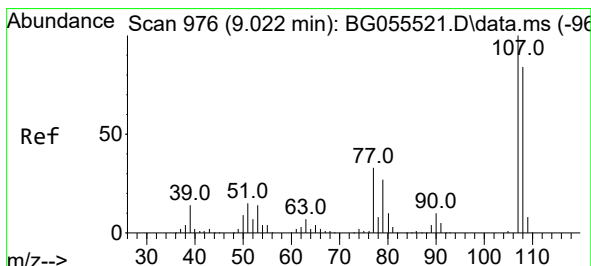
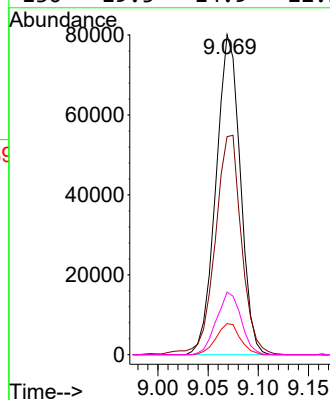
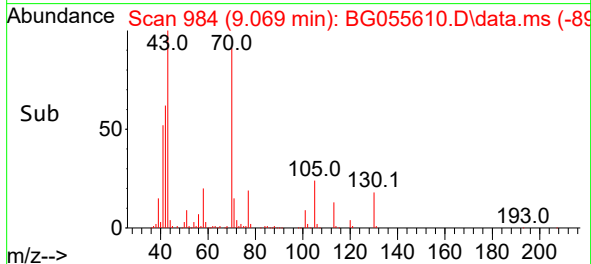
130 19.5 14.9 22.3

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#20

3+4-Methylphenols

Concen: 50.070 ng

RT: 9.028 min Scan# 977

Delta R.T. 0.006 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

Tgt Ion:107 Resp: 210880

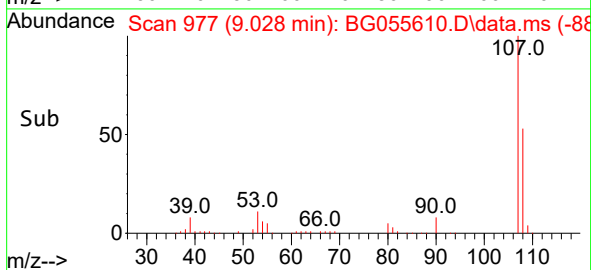
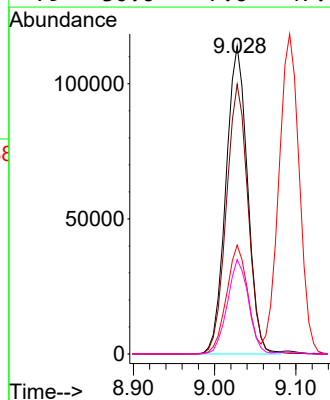
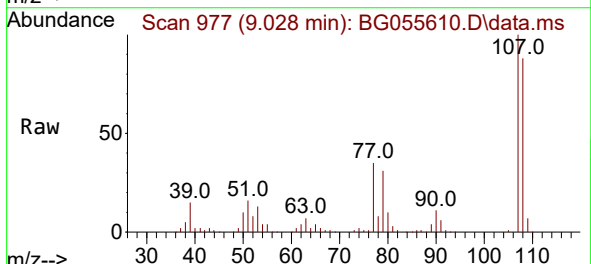
Ion Ratio Lower Upper

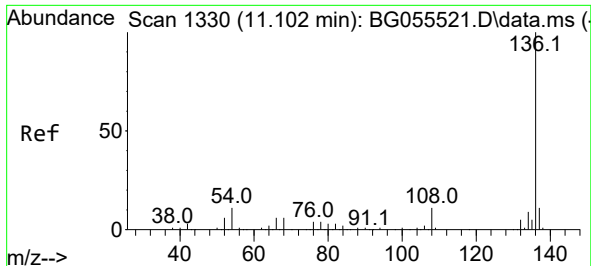
107 100

108 87.6 63.9 103.9

77 35.3 13.2 53.2

79 30.6 7.6 47.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

Instrument :

BNA_G

ClientSampleId :

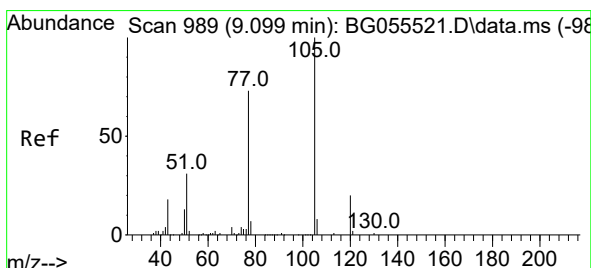
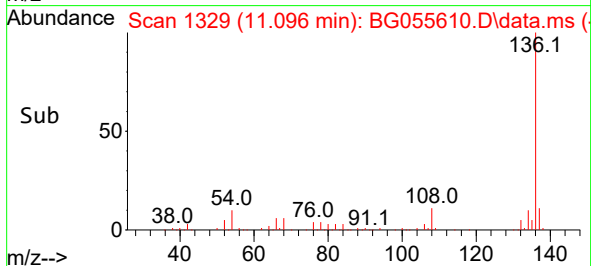
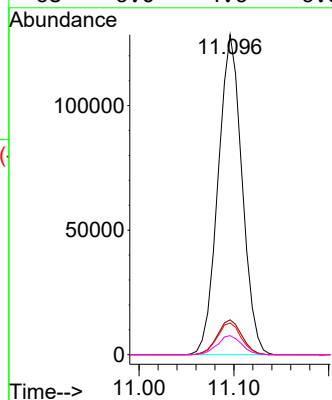
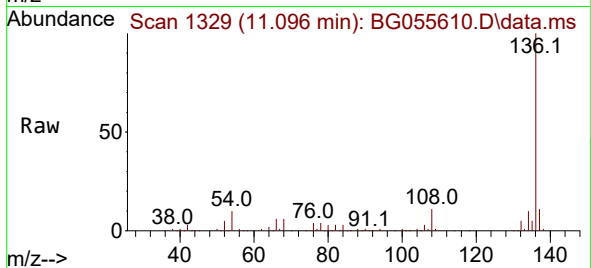
SB-25MS

Tgt Ion:136 Resp: 225164
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.9 8.6 12.8
68 6.0 4.6 6.8

Manual Integrations

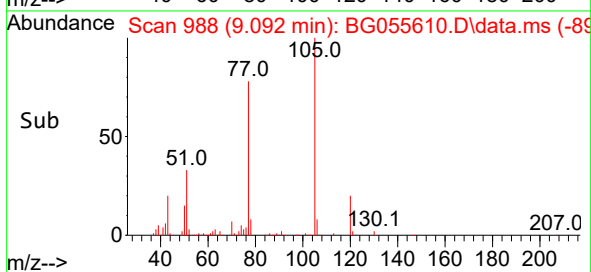
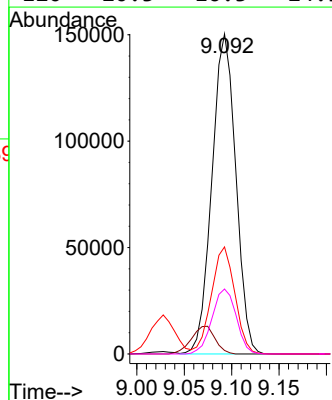
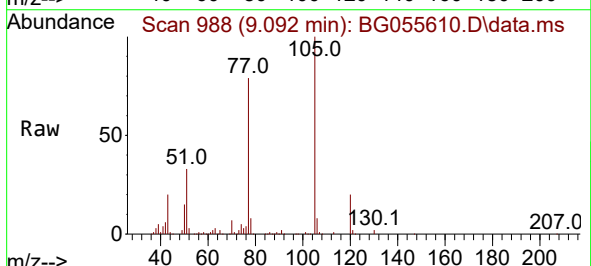
APPROVED

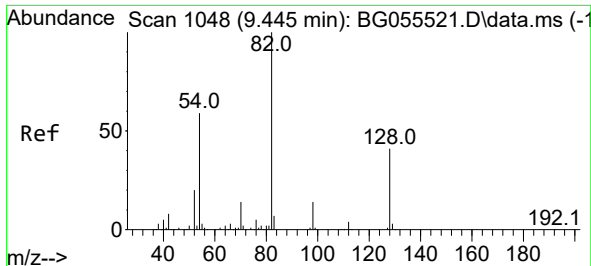
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#22
Acetophenone
Concen: 44.002 ng
RT: 9.092 min Scan# 988
Delta R.T. -0.007 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

Tgt Ion:105 Resp: 263560
Ion Ratio Lower Upper
105 100
71 1.1 0.8 1.2
51 33.5 26.5 39.7
120 20.3 16.3 24.5





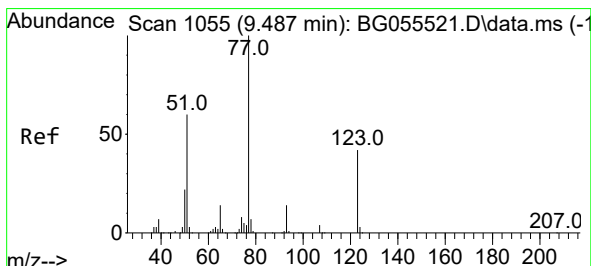
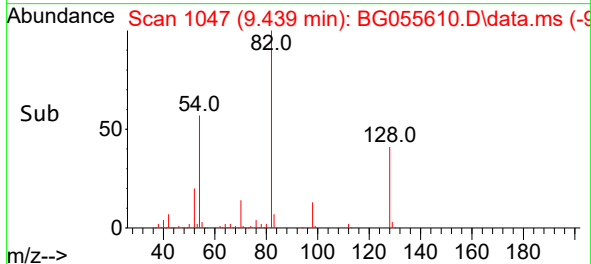
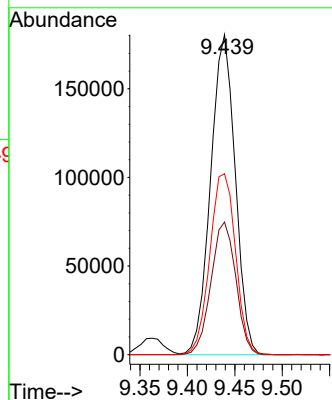
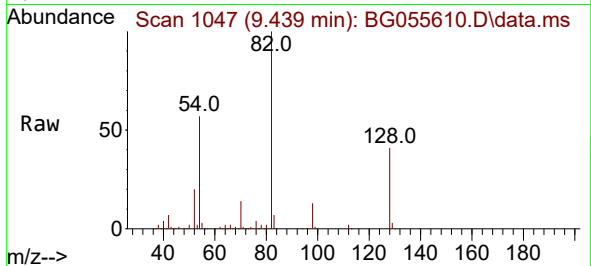
#23
Nitrobenzene-d5
Concen: 98.142 ng
RT: 9.439 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

Instrument :
BNA_G
ClientSampleId :
SB-25MS

Tgt Ion: 82 Resp: 325970
Ion Ratio Lower Upper
82 100
128 41.4 32.6 49.0
54 56.6 47.3 70.9

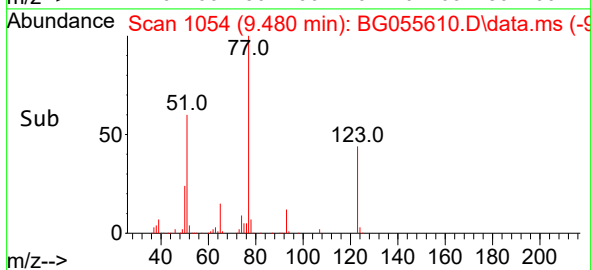
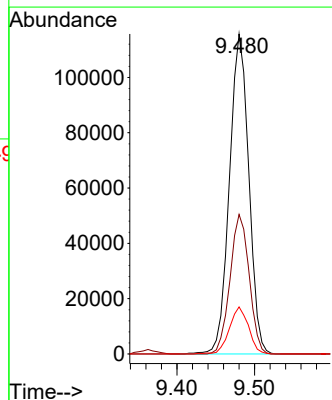
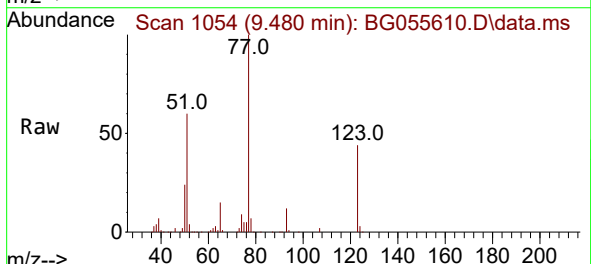
Manual Integrations
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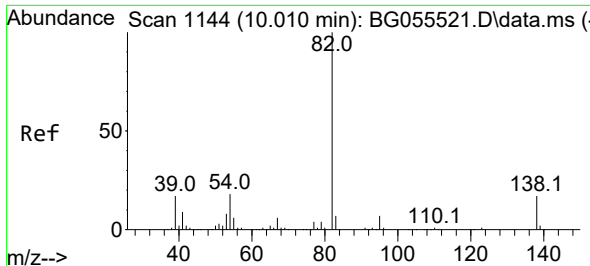
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#24
Nitrobenzene
Concen: 52.445 ng
RT: 9.480 min Scan# 1054
Delta R.T. -0.007 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

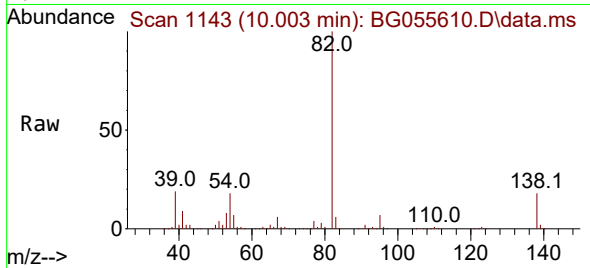
Tgt Ion: 77 Resp: 200399
Ion Ratio Lower Upper
77 100
123 43.6 33.4 50.2
65 14.7 11.5 17.3





#25
Isophorone
Concen: 44.425 ng
RT: 10.003 min Scan# 1143
Delta R.T. -0.007 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

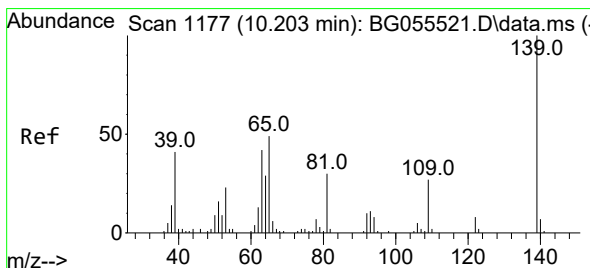
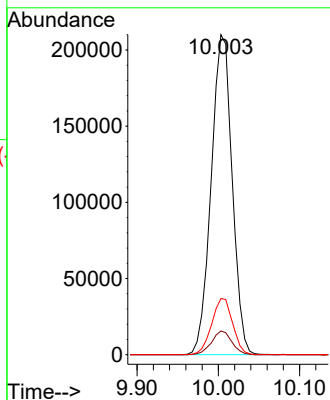
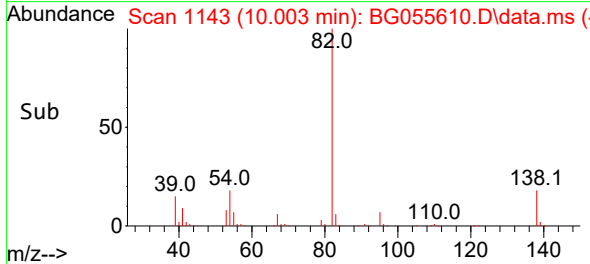
Instrument :
BNA_G
ClientSampleId :
SB-25MS



Tgt Ion: 82 Resp: 376969
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 17.6 13.8 20.6

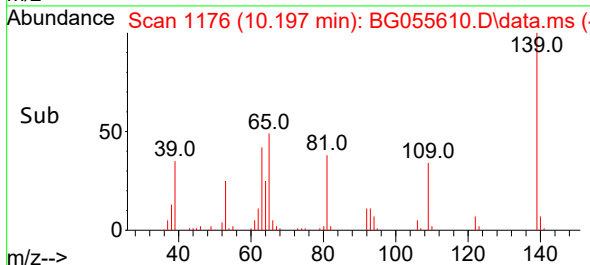
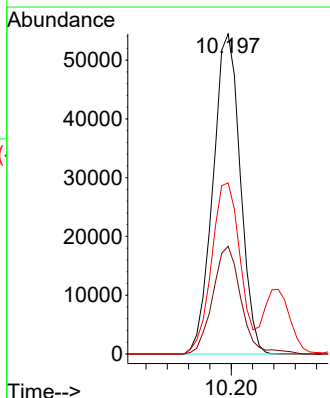
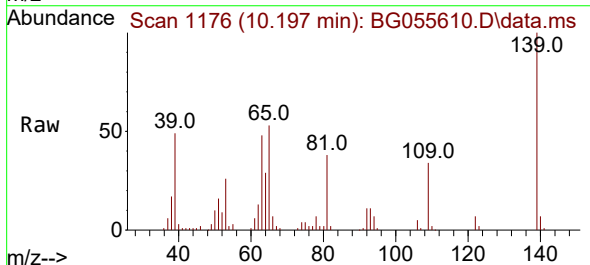
Manual Integrations
APPROVED

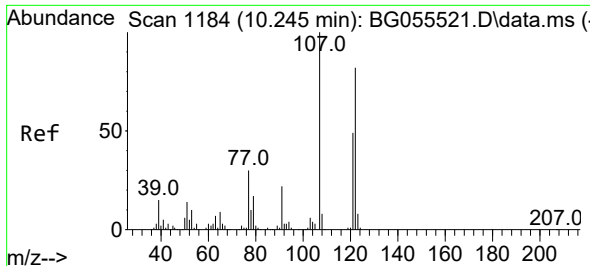
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#26
2-Nitrophenol
Concen: 74.910 ng
RT: 10.197 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

Tgt Ion:139 Resp: 96690
Ion Ratio Lower Upper
139 100
109 33.6 21.5 32.3#
65 53.4 39.6 59.4





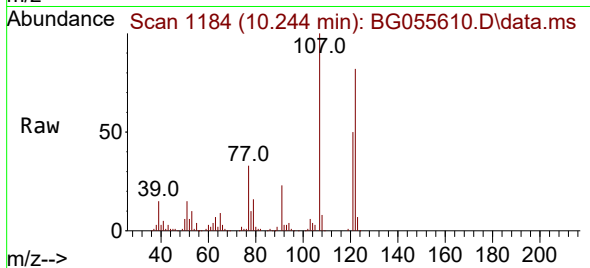
#27
2,4-Dimethylphenol
Concen: 58.144 ng
RT: 10.244 min Scan# 1184
Delta R.T. -0.001 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

Instrument :

BNA_G

ClientSampleId :

SB-25MS

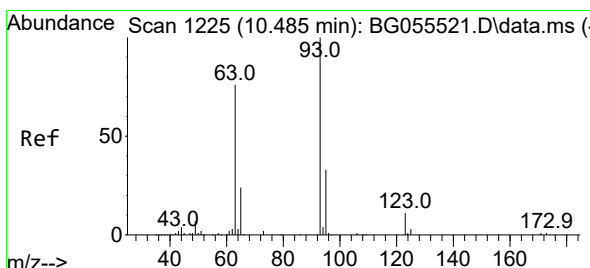
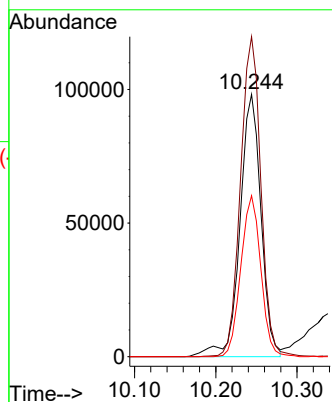
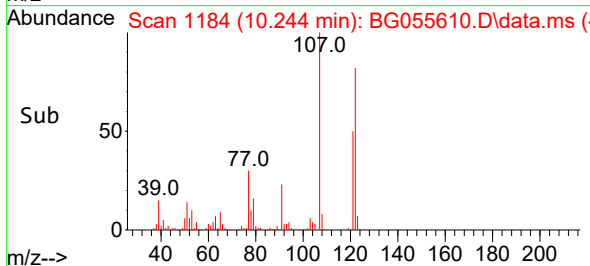


Tgt Ion:122 Resp: 176402
Ion Ratio Lower Upper
122 100
107 122.0 97.8 146.6
121 61.3 47.9 71.9

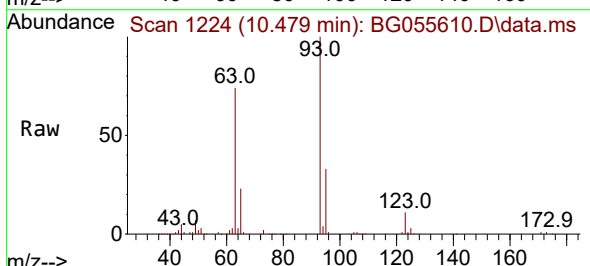
Manual Integrations

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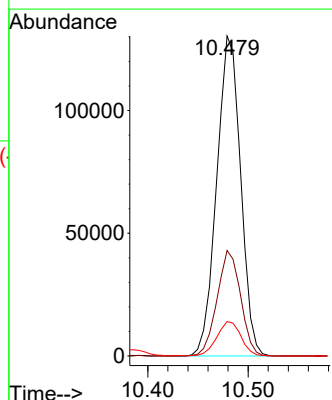
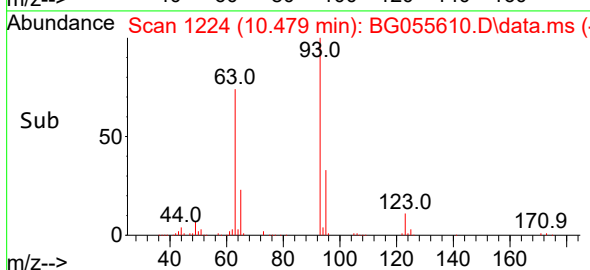
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

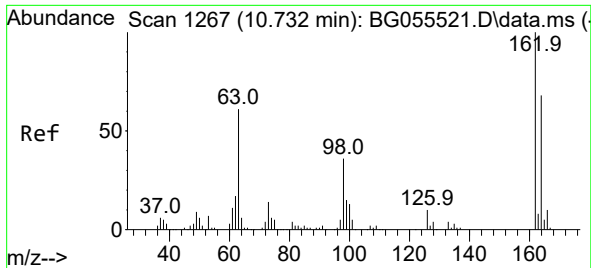


#28
bis(2-Chloroethoxy)methane
Concen: 47.129 ng
RT: 10.479 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45



Tgt Ion: 93 Resp: 215625
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 10.7 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 54.956 ng

RT: 10.738 min Scan# 1267

Delta R.T. 0.006 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

Instrument :

BNA_G

ClientSampleId :

SB-25MS

Tgt Ion:162 Resp: 183230

Ion Ratio Lower Upper

162 100

164 66.1 48.3 88.3

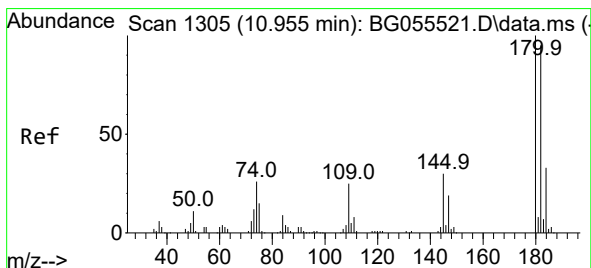
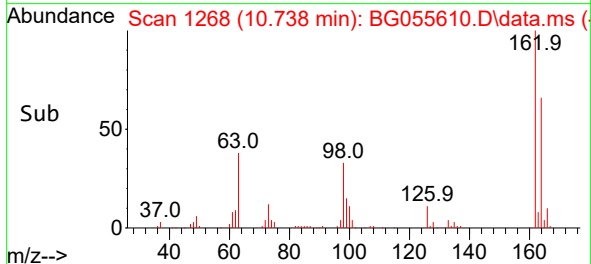
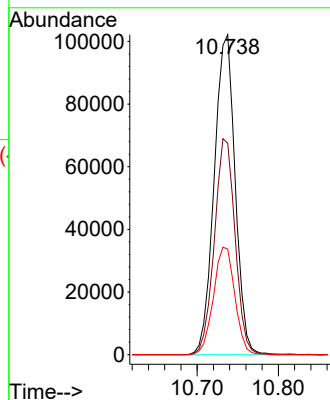
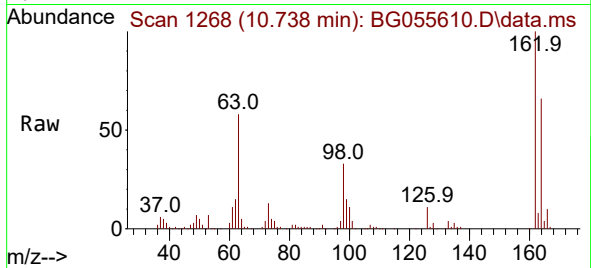
98 33.0 15.6 55.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#30

1,2,4-Trichlorobenzene

Concen: 48.338 ng

RT: 10.955 min Scan# 1305

Delta R.T. -0.000 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

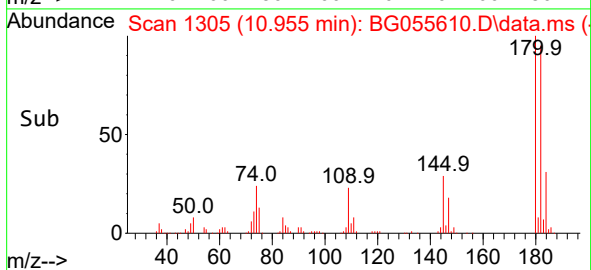
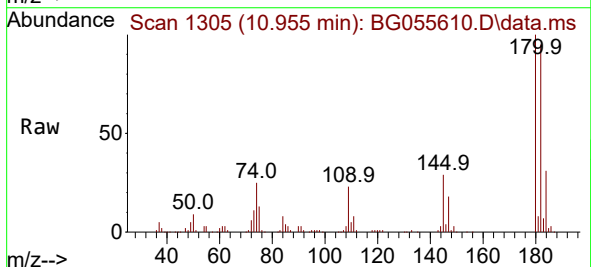
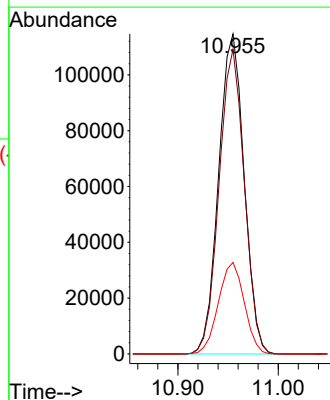
Tgt Ion:180 Resp: 201879

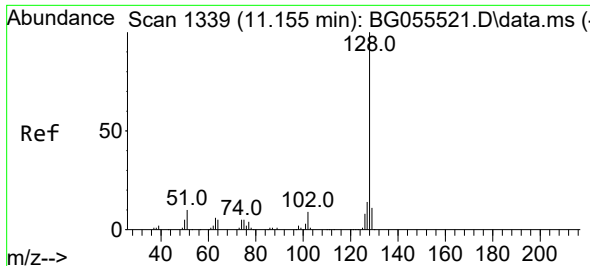
Ion Ratio Lower Upper

180 100

182 95.2 75.9 113.9

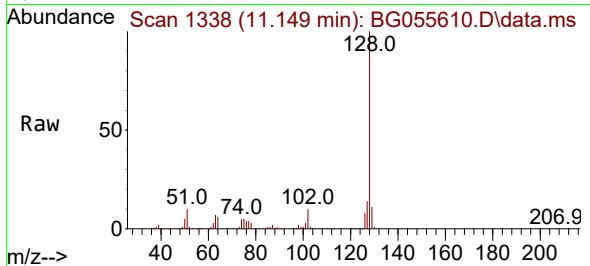
145 28.6 23.8 35.6





#31
Naphthalene
Concen: 44.678 ng
RT: 11.149 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

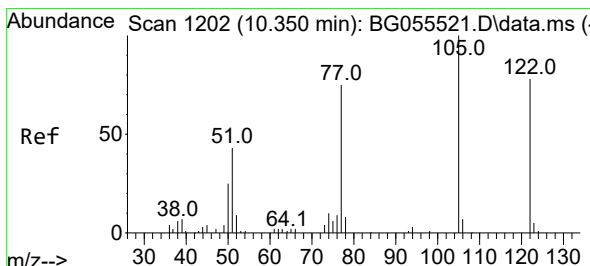
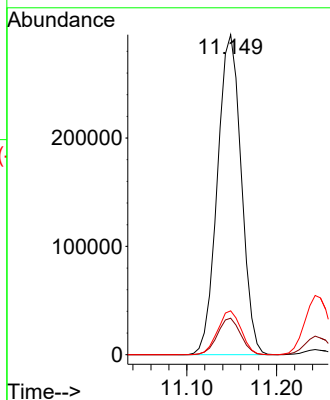
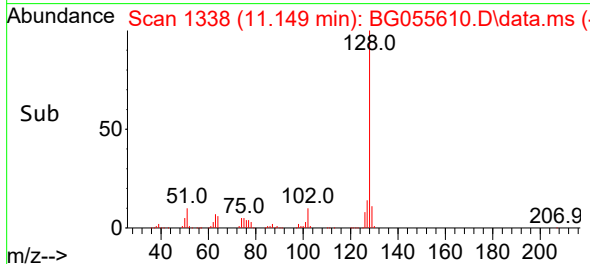
Instrument :
BNA_G
ClientSampleId :
SB-25MS



Tgt Ion:128 Resp: 543890
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.7 11.1 16.7

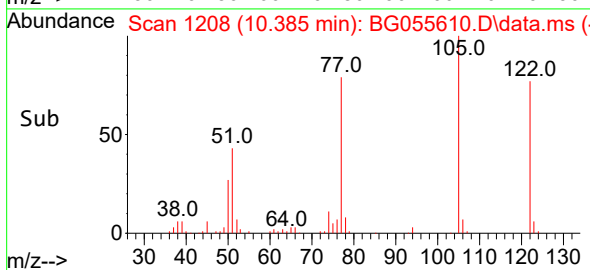
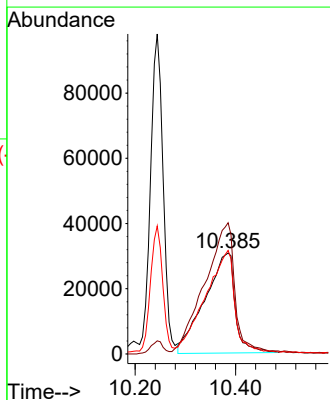
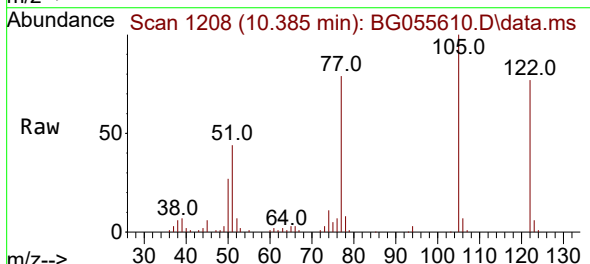
Manual Integrations
APPROVED

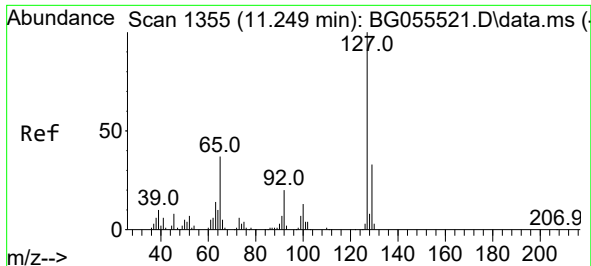
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#32
Benzoic acid
Concen: 61.820 ng
RT: 10.385 min Scan# 1208
Delta R.T. 0.035 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

Tgt Ion:122 Resp: 128344
Ion Ratio Lower Upper
122 100
105 129.8 101.2 141.2
77 102.4 74.4 114.4





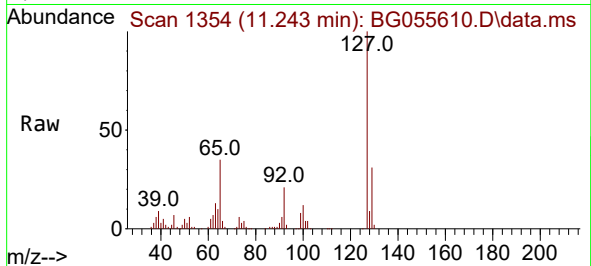
#33
4-Chloroaniline
Concen: 21.005 ng
RT: 11.243 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

Instrument :

BNA_G

ClientSampleId :

SB-25MS

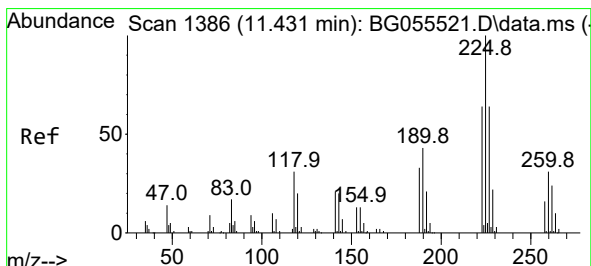
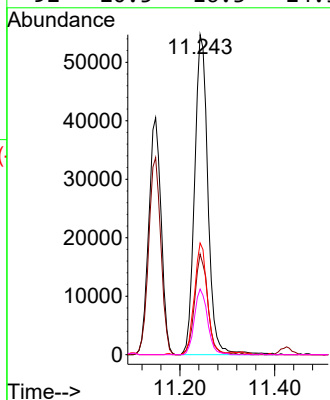
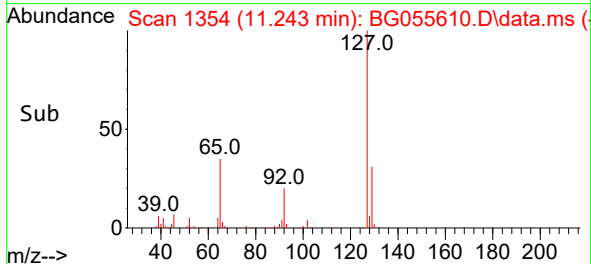


Tgt Ion:127 Resp: 10688
Ion Ratio Lower Upper
127 100
129 31.4 26.5 39.7
65 34.9 29.3 43.9
92 20.5 16.3 24.5

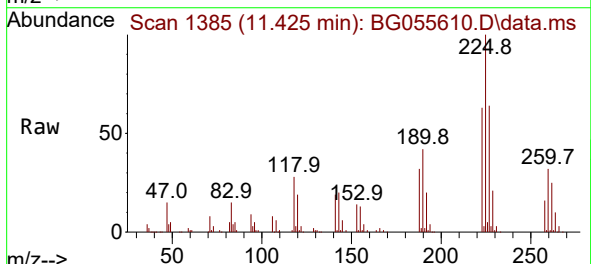
Manual Integrations

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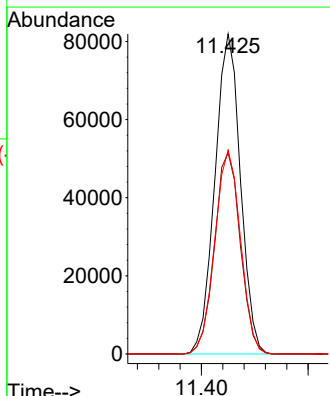
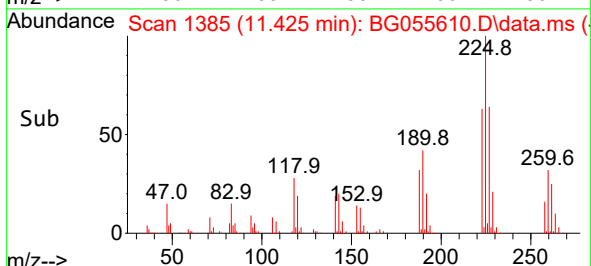
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

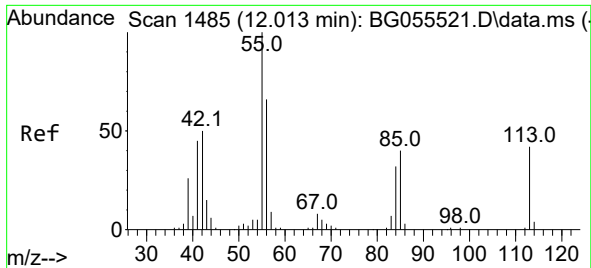


#34
Hexachlorobutadiene
Concen: 48.907 ng
RT: 11.425 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45



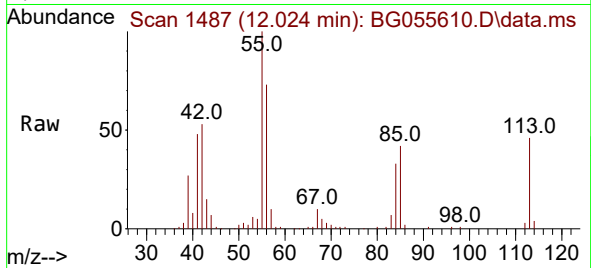
Tgt Ion:225 Resp: 136225
Ion Ratio Lower Upper
225 100
223 62.9 51.5 77.3
227 63.7 51.6 77.4





#35
Caprolactam
Concen: 48.410 ng m
RT: 12.024 min Scan# 1485
Delta R.T. 0.011 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

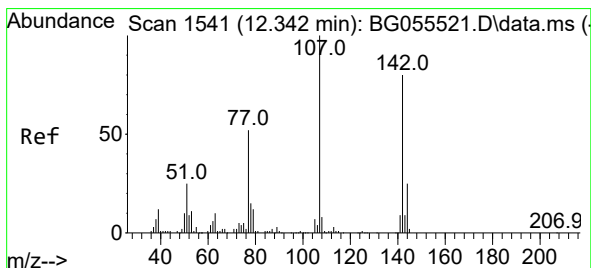
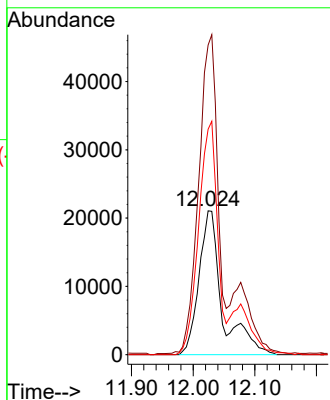
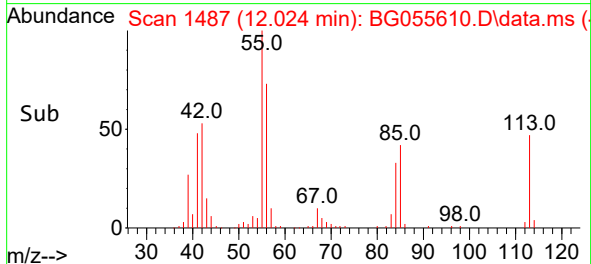
Instrument :
BNA_G
ClientSampleId :
SB-25MS



Tgt Ion:113 Resp: 55023
Ion Ratio Lower Upper
113 100
55 215.1 215.6 255.6
56 156.7 136.5 176.5

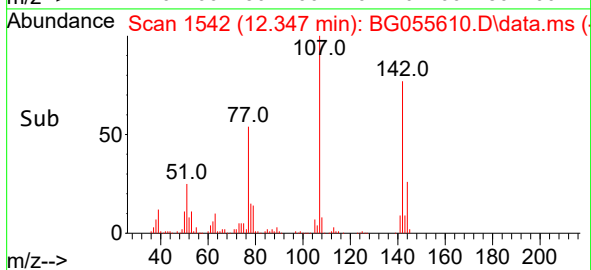
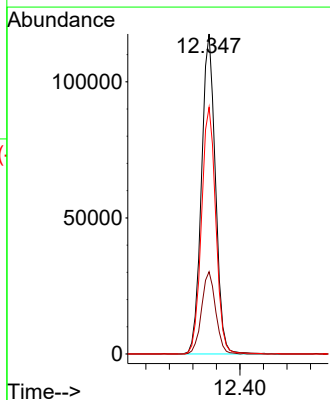
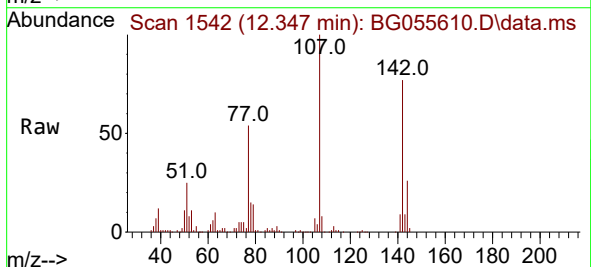
Manual Integrations
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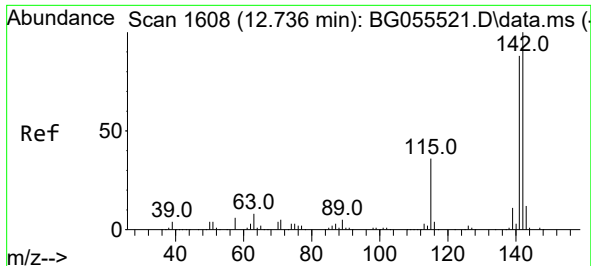
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#36
4-Chloro-3-methylphenol
Concen: 49.197 ng
RT: 12.347 min Scan# 1542
Delta R.T. 0.005 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

Tgt Ion:107 Resp: 193347
Ion Ratio Lower Upper
107 100
144 25.7 20.3 30.5
142 77.1 64.1 96.1





#37

2-Methylnaphthalene

Concen: 44.305 ng

RT: 12.735 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

Instrument :

BNA_G

ClientSampleId :

SB-25MS

Tgt Ion:142 Resp: 405230

Ion Ratio Lower Upper

142 100

141 88.3 70.3 105.5

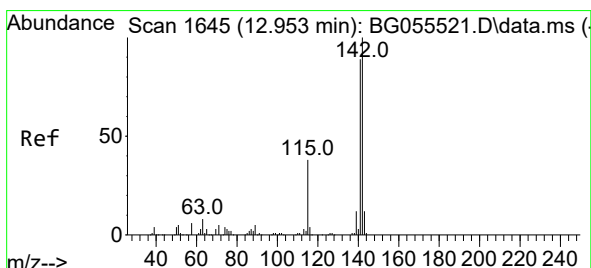
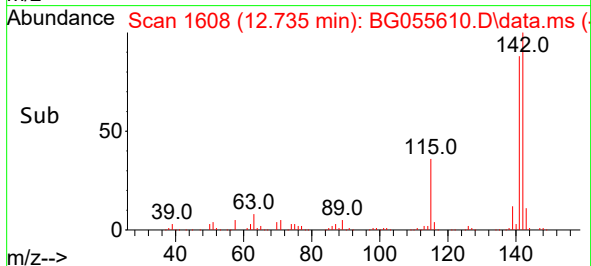
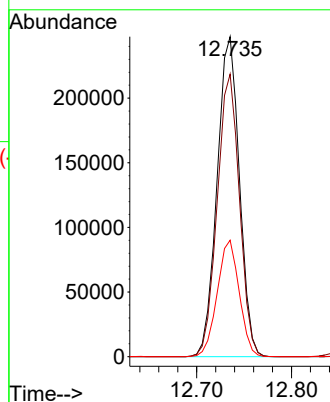
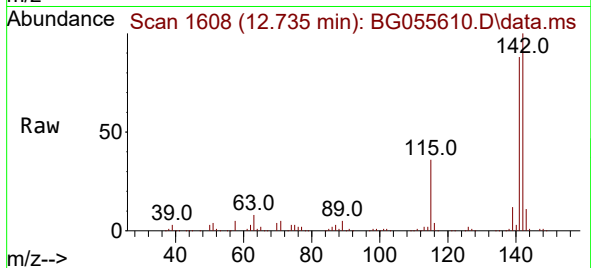
115 36.4 28.9 43.3

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#38

1-Methylnaphthalene

Concen: 43.028 ng

RT: 12.953 min Scan# 1645

Delta R.T. -0.000 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

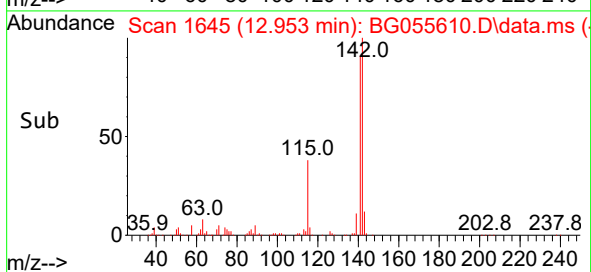
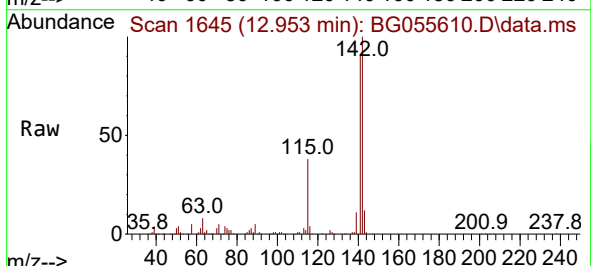
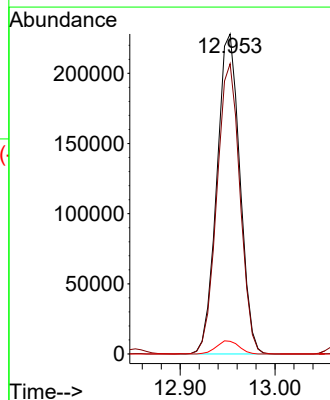
Tgt Ion:142 Resp: 384957

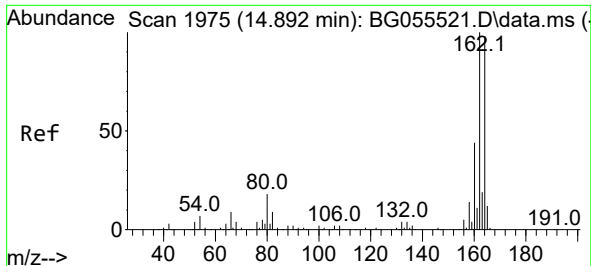
Ion Ratio Lower Upper

142 100

141 90.7 71.6 107.4

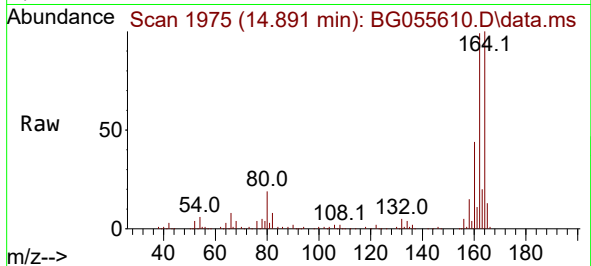
116 4.0 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.891 min Scan# 1975
Delta R.T. -0.001 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

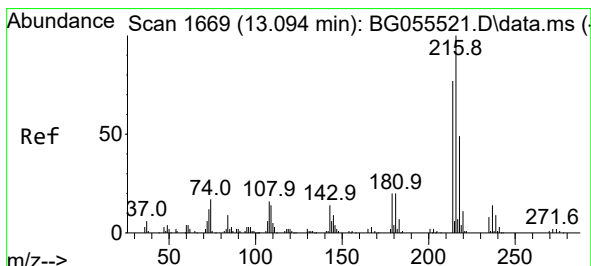
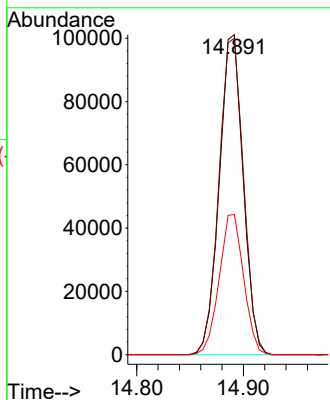
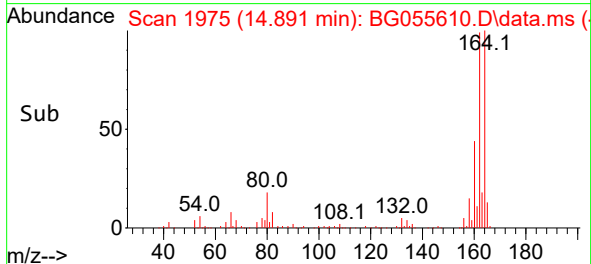
Instrument :
BNA_G
ClientSampleId :
SB-25MS



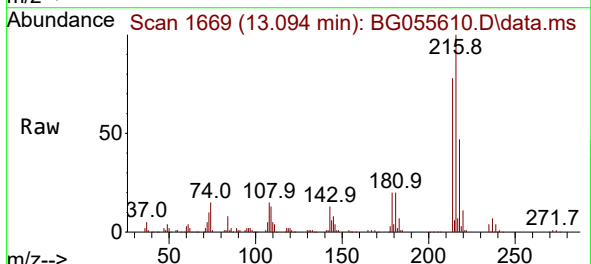
Tgt Ion:164 Resp: 157184
Ion Ratio Lower Upper
164 100
162 98.9 81.3 121.9
160 43.8 35.9 53.9

Manual Integrations
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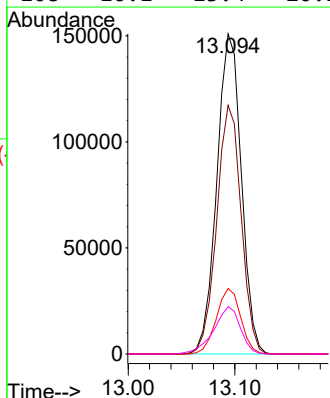
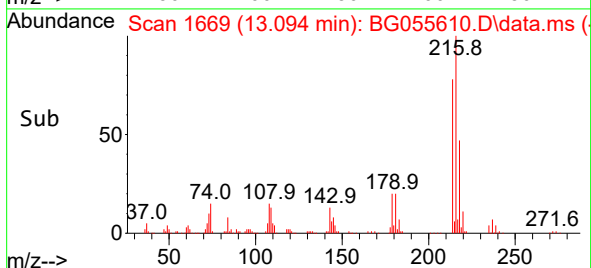
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

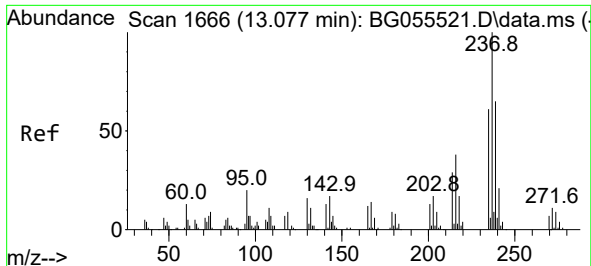


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.254 ng
RT: 13.094 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45



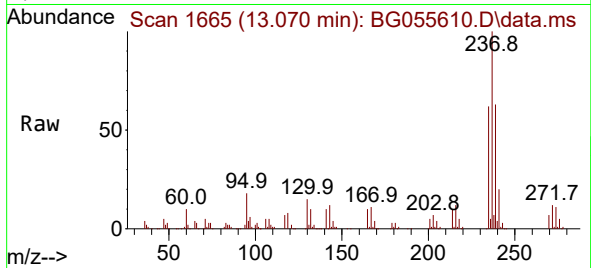
Tgt Ion:216 Resp: 240651
Ion Ratio Lower Upper
216 100
214 77.4 61.3 91.9
179 20.3 16.3 24.5
108 16.1 13.4 20.2





#41
Hexachlorocyclopentadiene
Concen: 70.855 ng
RT: 13.070 min Scan# 1665
Delta R.T. -0.007 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

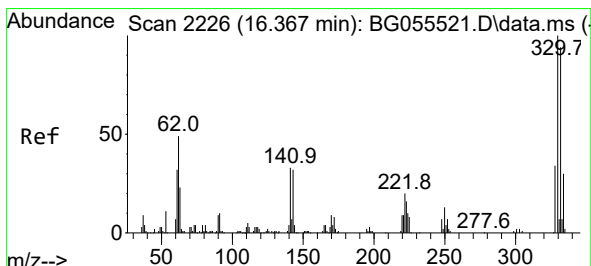
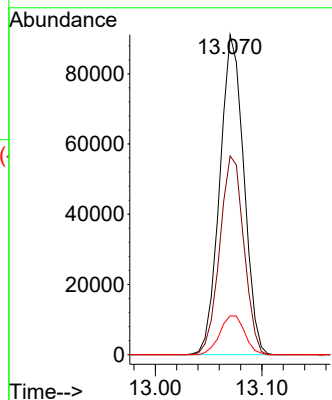
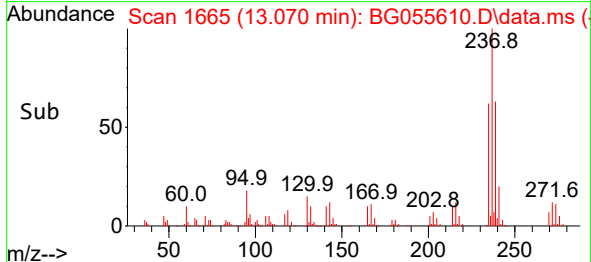
Instrument :
BNA_G
ClientSampleId :
SB-25MS



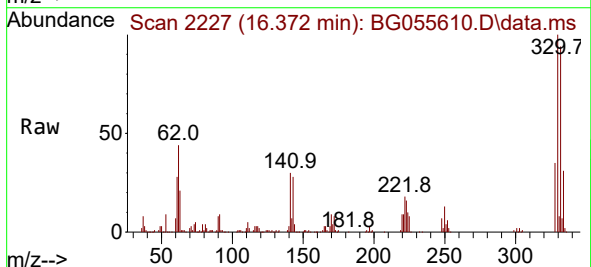
Tgt Ion:237 Resp: 14242
Ion Ratio Lower Upper
237 100
235 62.1 40.6 80.6
272 12.2 0.0 31.4

Manual Integrations
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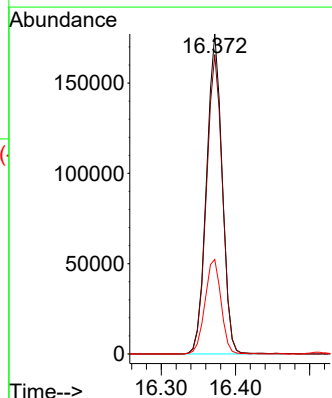
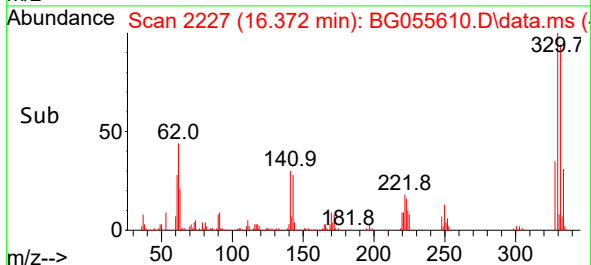
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

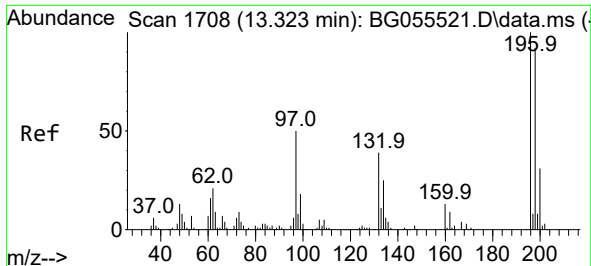


#42
2,4,6-Tribromophenol
Concen: 169.625 ng
RT: 16.372 min Scan# 2227
Delta R.T. 0.005 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45



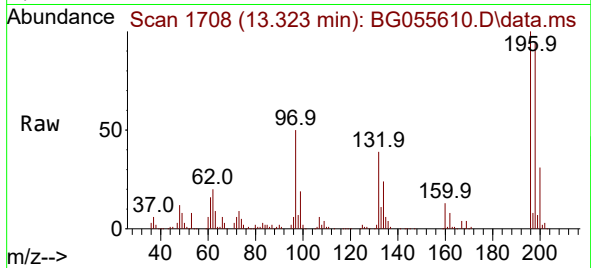
Tgt Ion:330 Resp: 260145
Ion Ratio Lower Upper
330 100
332 95.3 77.4 116.2
141 30.4 25.4 38.2





#43
2,4,6-Trichlorophenol
Concen: 58.170 ng
RT: 13.323 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

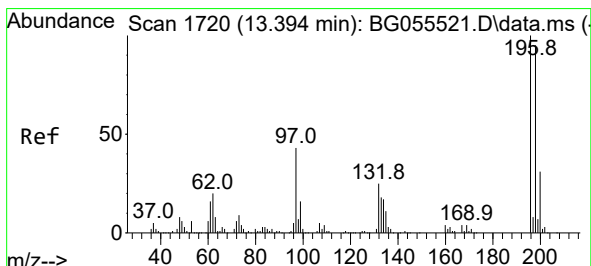
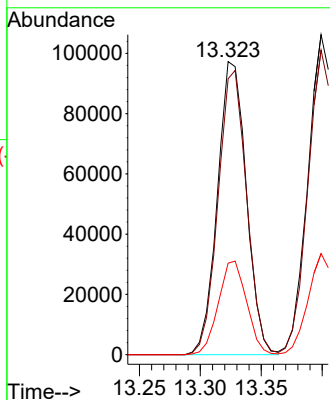
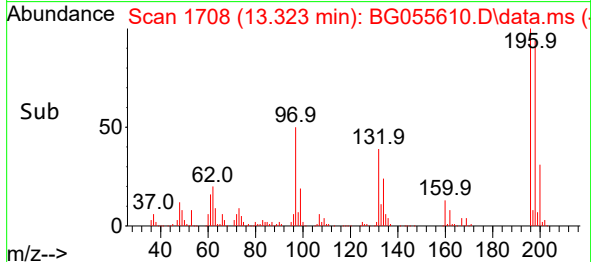
Instrument :
BNA_G
ClientSampleId :
SB-25MS



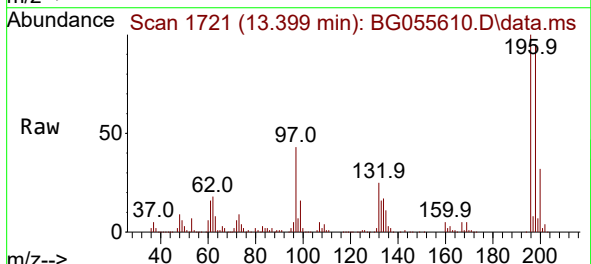
Tgt Ion:196 Resp: 16059
Ion Ratio Lower Upper
196 100
198 94.1 73.9 110.9
200 31.2 24.6 37.0

Manual Integrations
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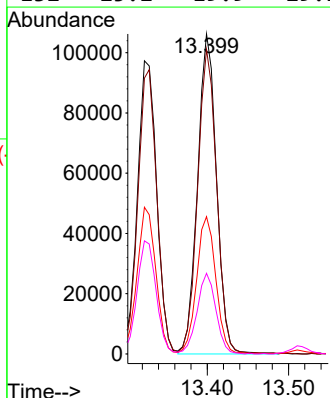
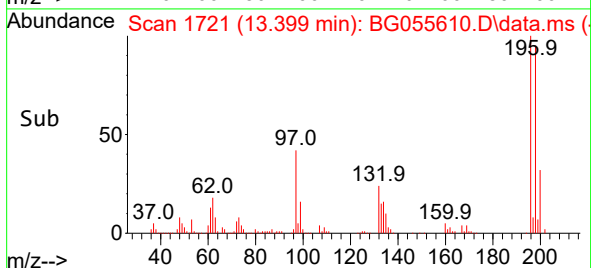
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

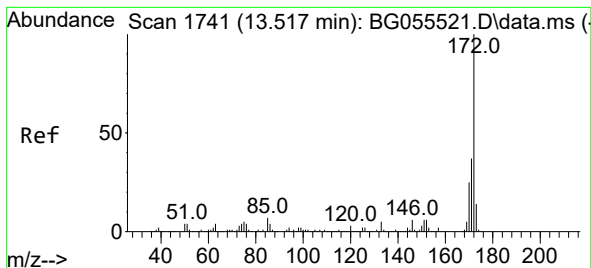


#44
2,4,5-Trichlorophenol
Concen: 54.558 ng
RT: 13.399 min Scan# 1721
Delta R.T. 0.005 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45



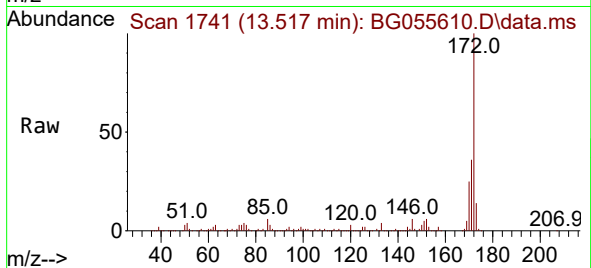
Tgt Ion:196 Resp: 172432
Ion Ratio Lower Upper
196 100
198 95.2 76.1 114.1
97 42.9 34.2 51.4
132 25.2 19.9 29.9





#45
2-Fluorobiphenyl
Concen: 75.760 ng
RT: 13.517 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

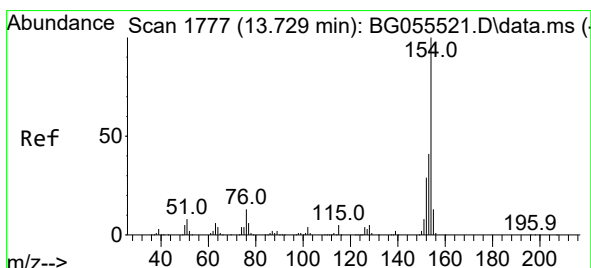
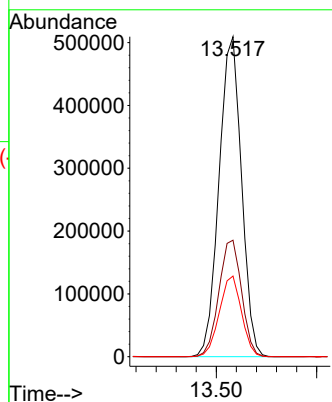
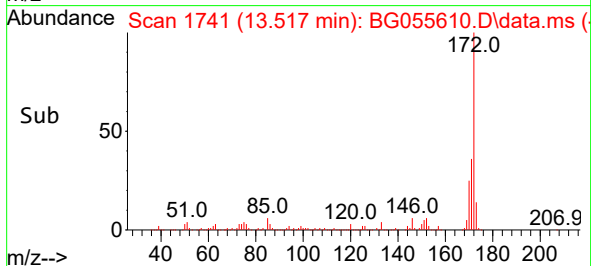
Instrument :
BNA_G
ClientSampleId :
SB-25MS



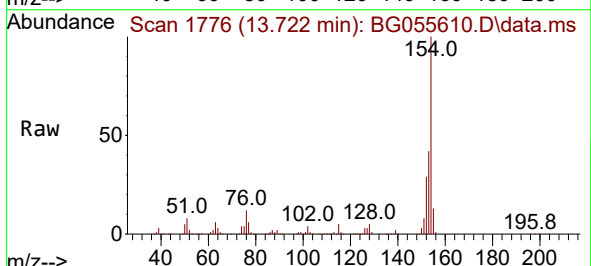
Tgt Ion:172 Resp: 78946
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 25.2 19.8 29.6

Manual Integrations
APPROVED

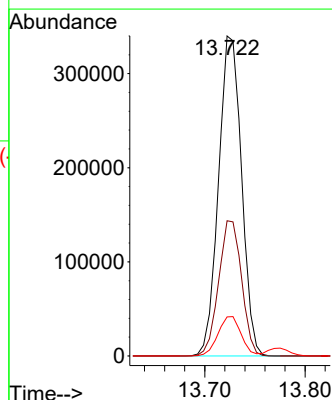
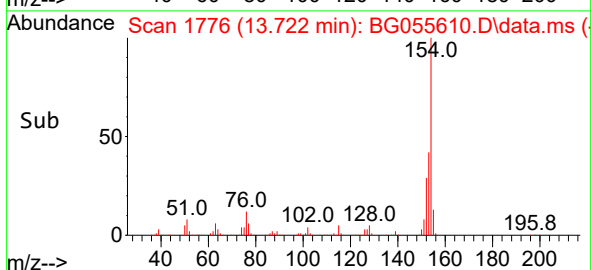
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

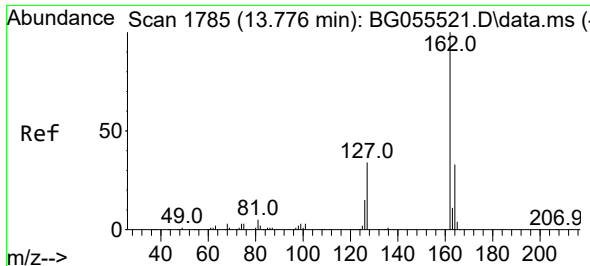


#46
1,1'-Biphenyl
Concen: 46.947 ng
RT: 13.722 min Scan# 1776
Delta R.T. -0.007 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45



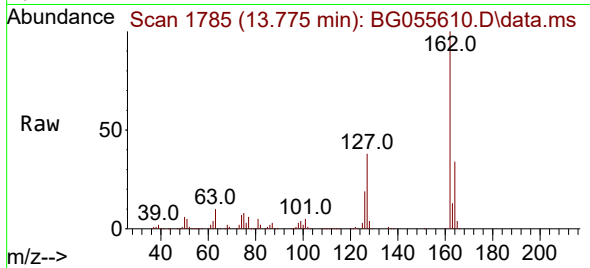
Tgt Ion:154 Resp: 539862
Ion Ratio Lower Upper
154 100
153 42.3 20.9 60.9
76 12.2 0.0 32.7





#47
2-Chloronaphthalene
Concen: 46.723 ng
RT: 13.775 min Scan# 1785
Delta R.T. -0.001 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

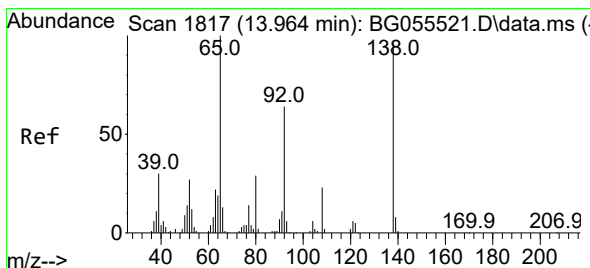
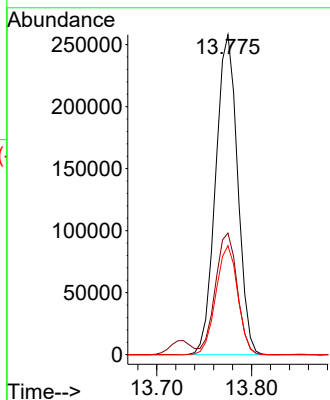
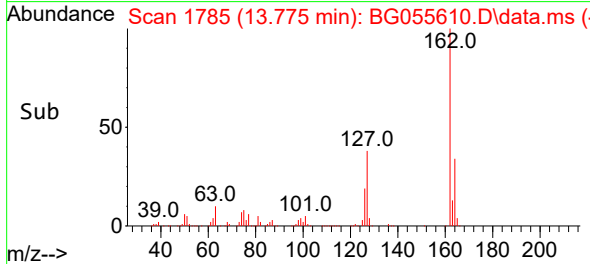
Instrument :
BNA_G
ClientSampleId :
SB-25MS



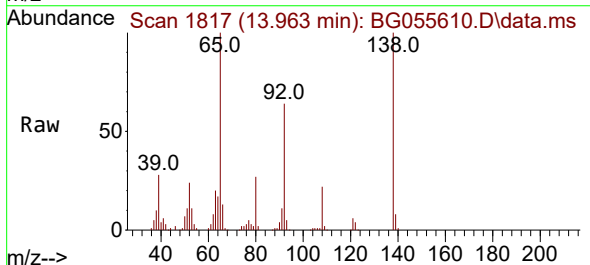
Tgt Ion:162 Resp: 414985
Ion Ratio Lower Upper
162 100
127 38.0 30.9 46.3
164 34.1 26.8 40.2

Manual Integrations
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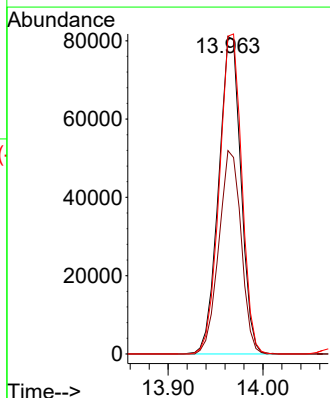
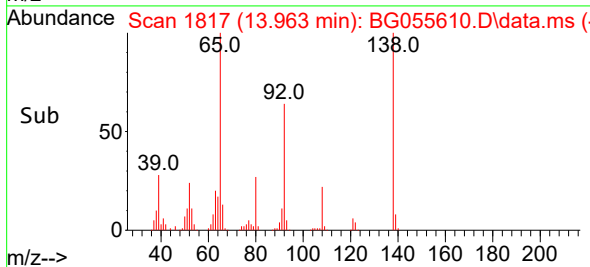
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

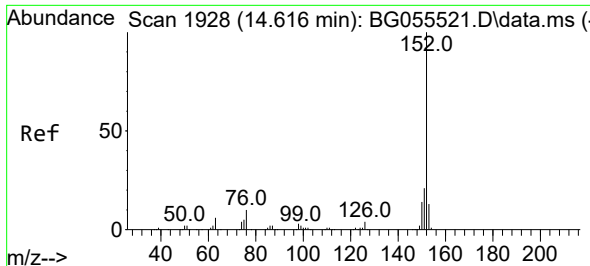


#48
2-Nitroaniline
Concen: 57.074 ng
RT: 13.963 min Scan# 1817
Delta R.T. -0.001 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45



Tgt Ion: 65 Resp: 132355
Ion Ratio Lower Upper
65 100
92 64.0 51.6 77.4
138 100.0 77.0 115.4





#49

Acenaphthylene

Concen: 45.048 ng

RT: 14.615 min Scan# 1928

Delta R.T. -0.001 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

Instrument :

BNA_G

ClientSampleId :

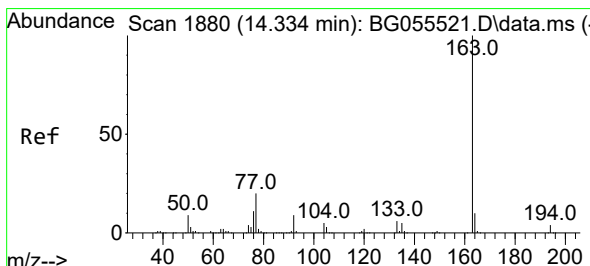
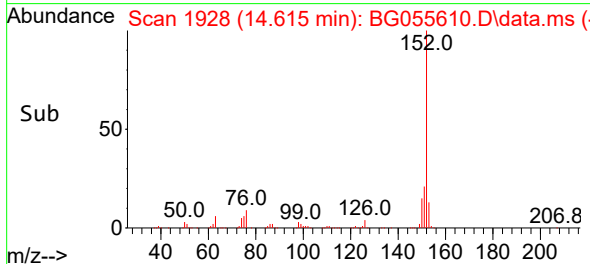
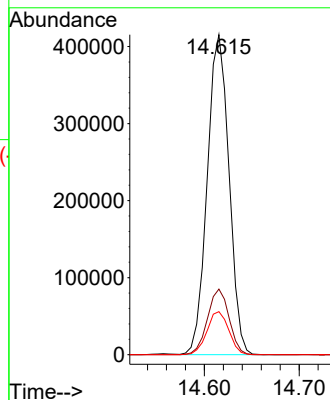
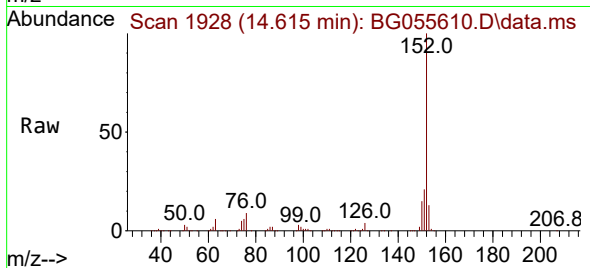
SB-25MS

Tgt Ion:152 Resp: 66204
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.4 24.6
 153 13.4 10.6 16.0

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022
 Supervised By :Jagrut Upadhyay 11/15/2022



#50

Dimethylphthalate

Concen: 43.728 ng

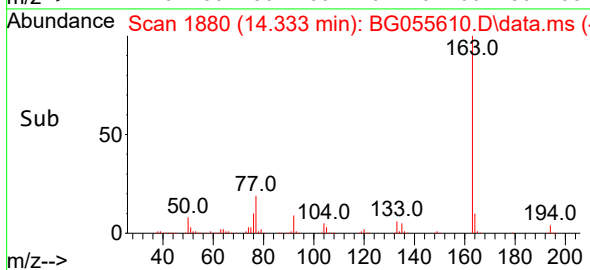
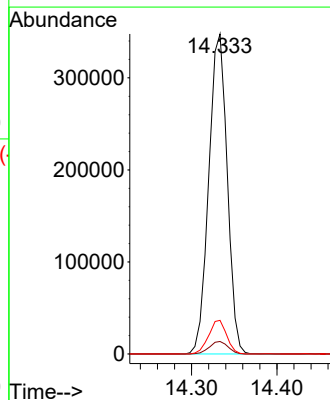
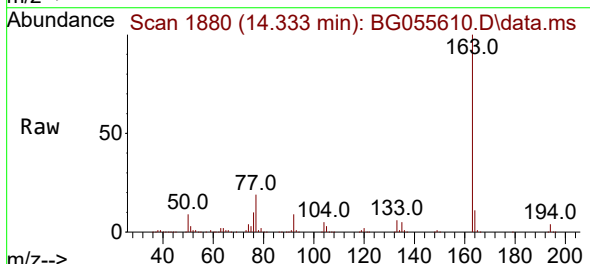
RT: 14.333 min Scan# 1880

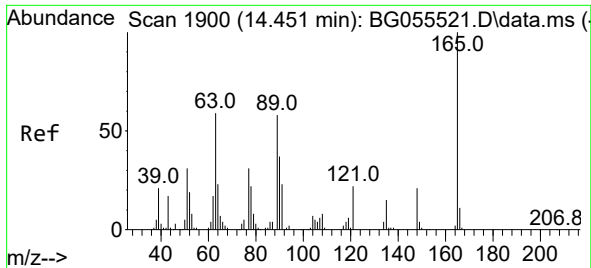
Delta R.T. -0.001 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

Tgt Ion:163 Resp: 522287
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.1 4.7
 164 10.5 8.2 12.4





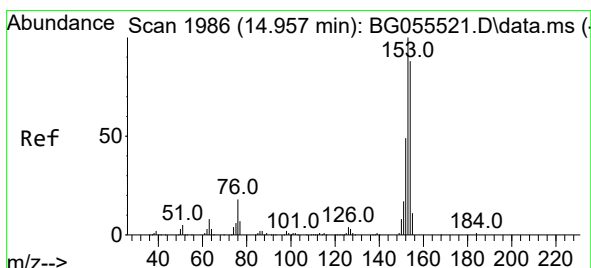
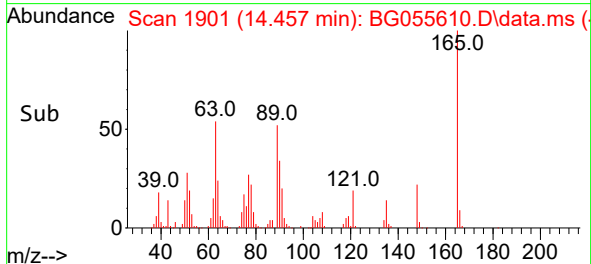
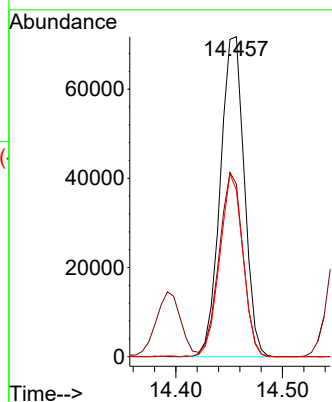
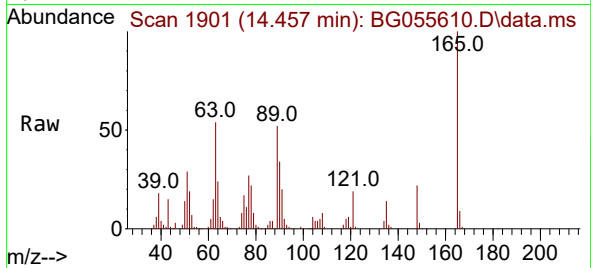
#51
2,6-Dinitrotoluene
Concen: 52.954 ng
RT: 14.457 min Scan# 1900
Delta R.T. 0.006 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

Instrument :
BNA_G
ClientSampleId :
SB-25MS

Tgt Ion:165 Resp: 11191
Ion Ratio Lower Upper
165 100
63 54.0 50.1 75.1
89 52.1 46.5 69.7

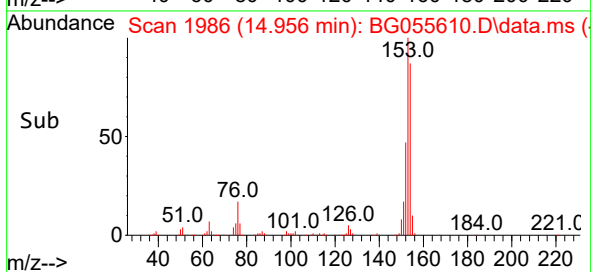
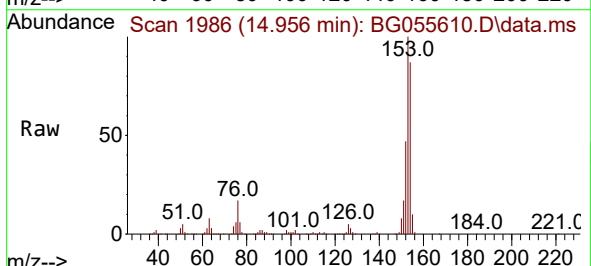
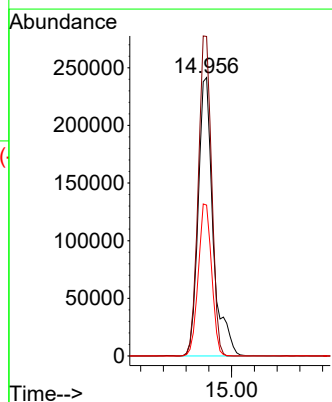
Manual Integrations
APPROVED

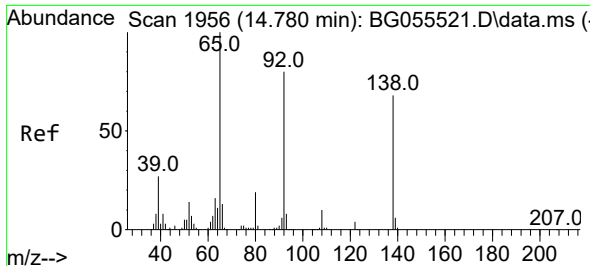
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#52
Acenaphthene
Concen: 47.940 ng
RT: 14.956 min Scan# 1986
Delta R.T. -0.001 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

Tgt Ion:154 Resp: 439836
Ion Ratio Lower Upper
154 100
153 114.8 91.4 137.0
152 54.2 44.5 66.7





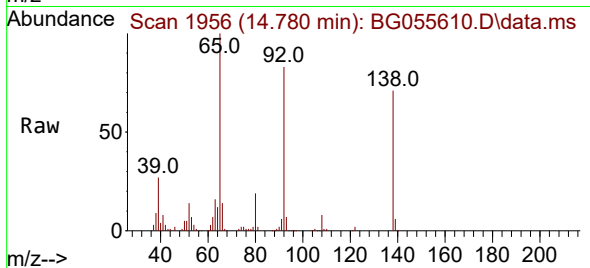
#53
3-Nitroaniline
Concen: 35.547 ng
RT: 14.780 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

Instrument :

BNA_G

ClientSampleId :

SB-25MS

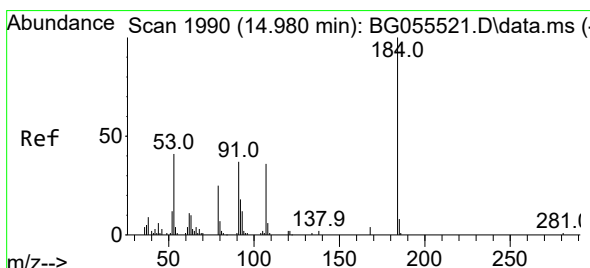
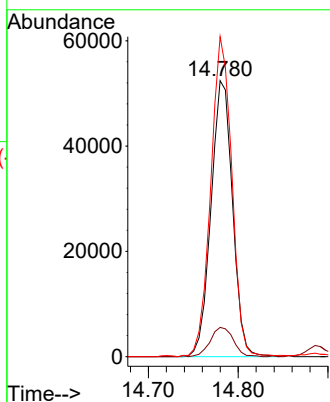
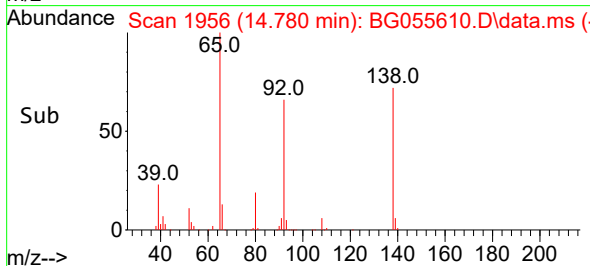


Tgt Ion:138 Resp: 87172
Ion Ratio Lower Upper
138 100
108 10.6 11.7 17.5
92 116.0 94.3 141.5

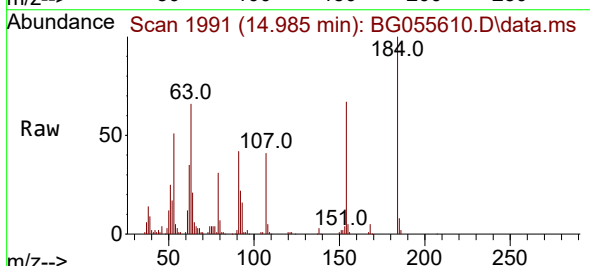
Manual Integrations

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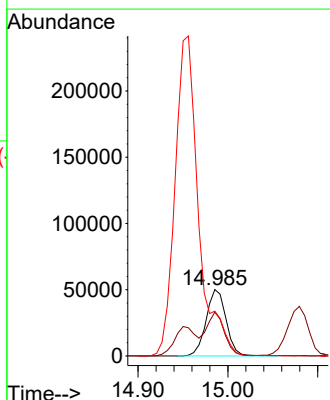
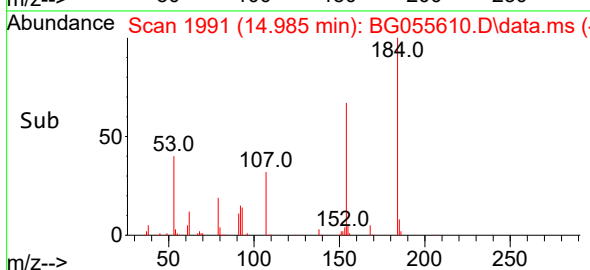
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

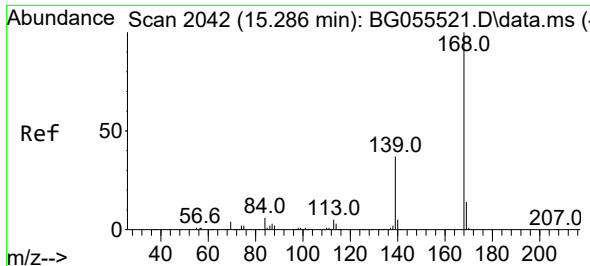


#54
2,4-Dinitrophenol
Concen: 104.180 ng
RT: 14.985 min Scan# 1991
Delta R.T. 0.005 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45



Tgt Ion:184 Resp: 77367
Ion Ratio Lower Upper
184 100
63 66.1 43.8 65.8#
154 67.5 77.2 115.8#





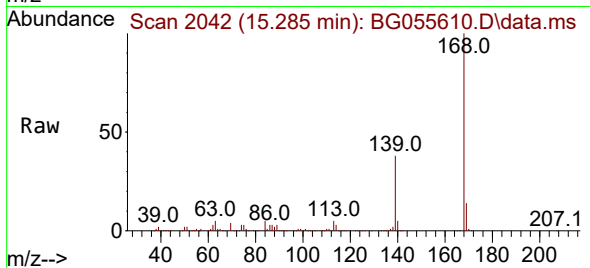
#55
Dibenzenofuran
Concen: 43.771 ng
RT: 15.285 min Scan# 2042
Delta R.T. -0.001 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

Instrument :

BNA_G

ClientSampleId :

SB-25MS

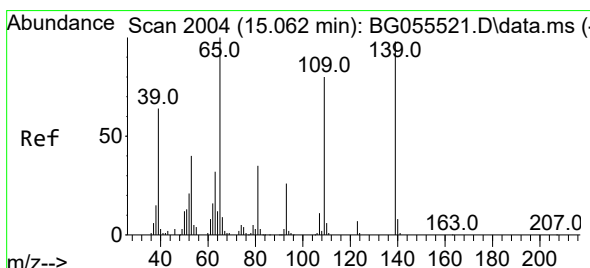
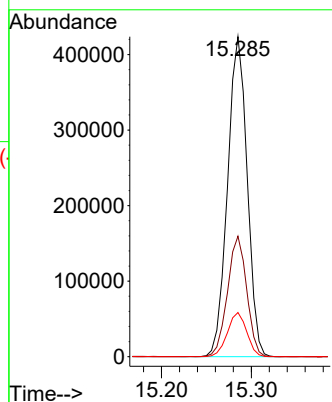
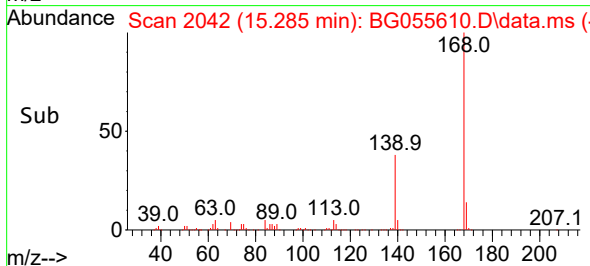


Tgt Ion:168 Resp: 642030
Ion Ratio Lower Upper
168 100
139 37.7 29.4 44.2
169 13.8 11.1 16.7

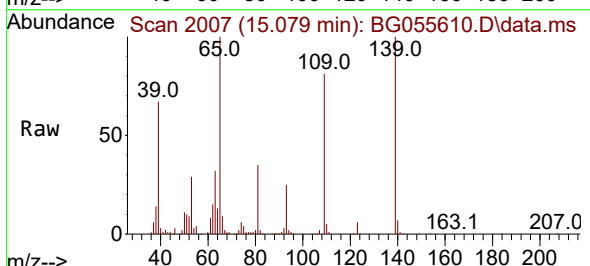
Manual Integrations

APPROVED

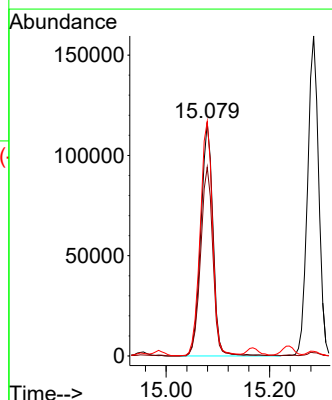
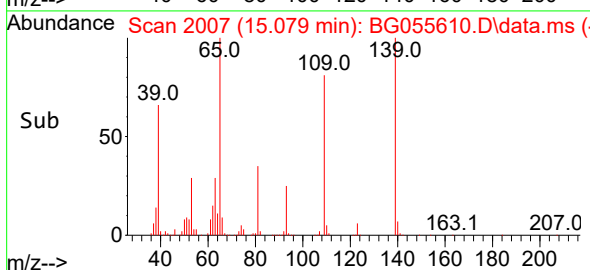
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

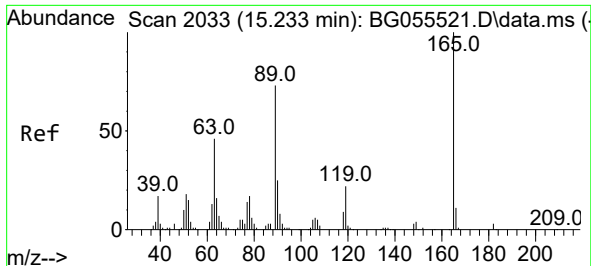


#56
4-Nitrophenol
Concen: 107.343 ng
RT: 15.079 min Scan# 2007
Delta R.T. 0.017 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45



Tgt Ion:139 Resp: 189847
Ion Ratio Lower Upper
139 100
109 80.9 61.8 101.8
65 100.4 82.9 122.9





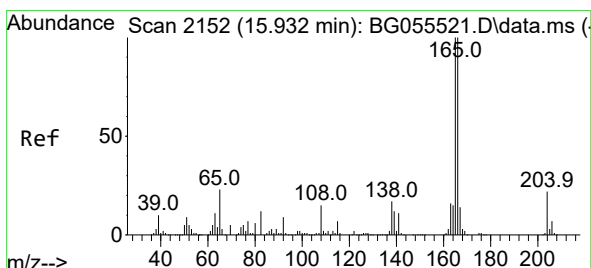
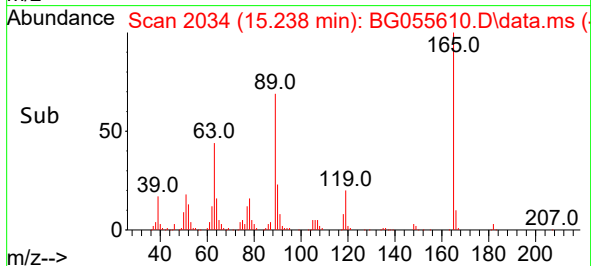
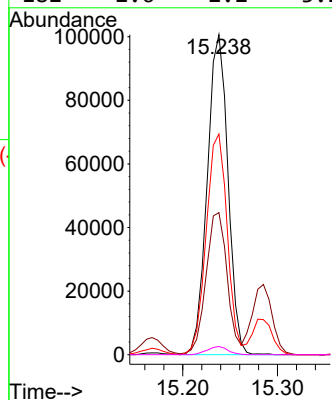
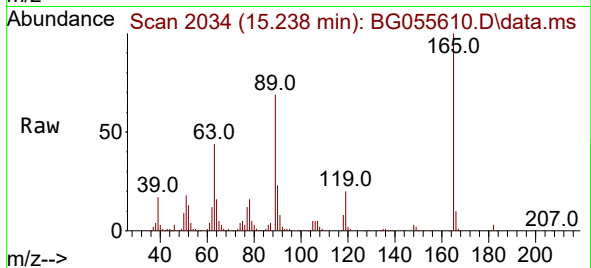
#57
2,4-Dinitrotoluene
Concen: 54.506 ng
RT: 15.238 min Scan# 2033
Delta R.T. 0.005 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

Instrument :
BNA_G
ClientSampleId :
SB-25MS

Tgt Ion:165 Resp: 15263
Ion Ratio Lower Upper
165 100
63 44.4 37.0 55.4
89 69.0 58.6 87.8
182 2.6 2.2 3.2

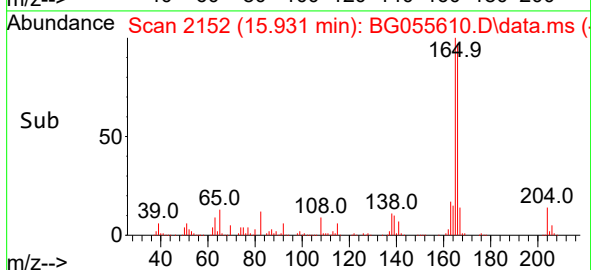
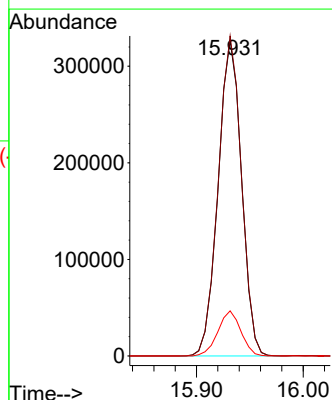
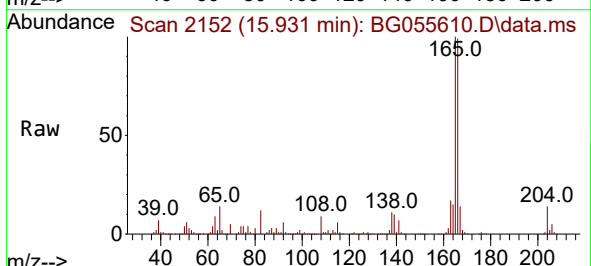
Manual Integrations
APPROVED

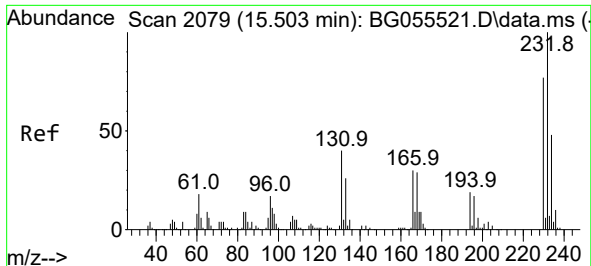
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#58
Fluorene
Concen: 42.650 ng
RT: 15.931 min Scan# 2152
Delta R.T. -0.001 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

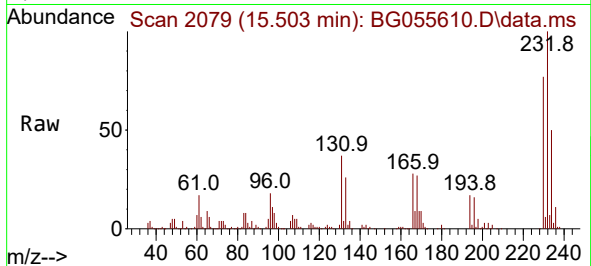
Tgt Ion:166 Resp: 497695
Ion Ratio Lower Upper
166 100
165 101.4 80.2 120.2
167 14.3 11.2 16.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.675 ng
RT: 15.503 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

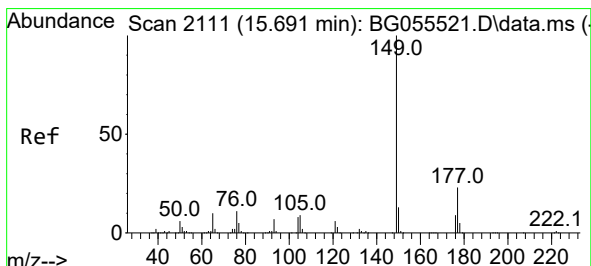
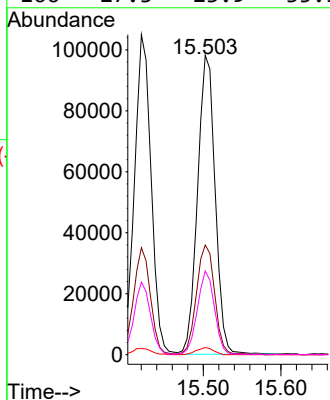
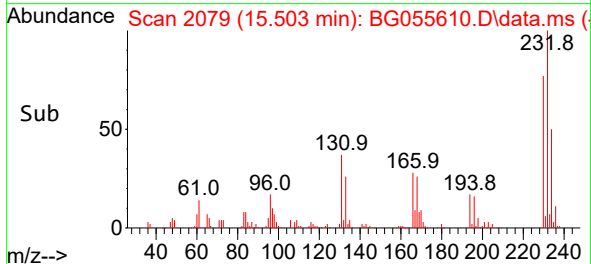
Instrument :
BNA_G
ClientSampleId :
SB-25MS



Tgt Ion:232 Resp: 15430
Ion Ratio Lower Upper
232 100
131 38.2 31.8 47.8
130 2.3 1.7 2.5
166 27.3 23.9 35.9

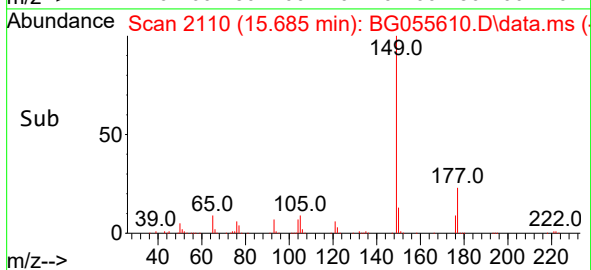
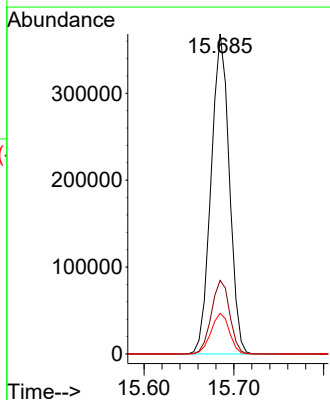
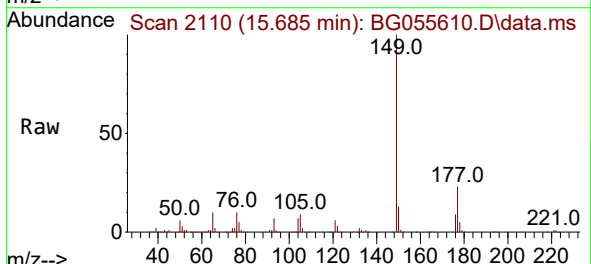
Manual Integrations
APPROVED

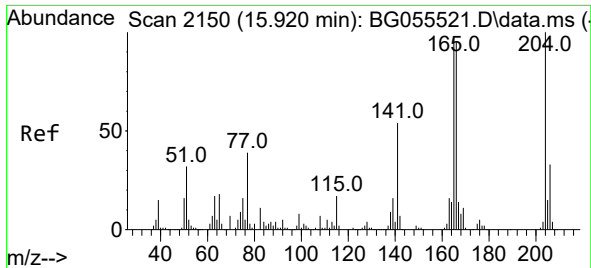
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#60
Diethylphthalate
Concen: 42.693 ng
RT: 15.685 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

Tgt Ion:149 Resp: 518746
Ion Ratio Lower Upper
149 100
177 23.0 18.6 27.8
150 12.7 10.2 15.2





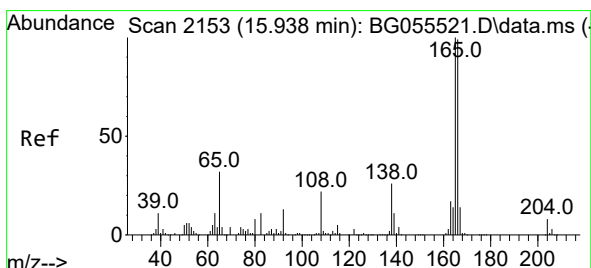
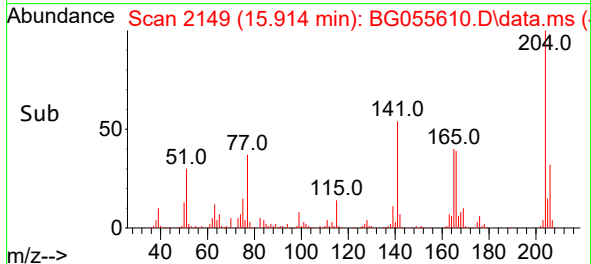
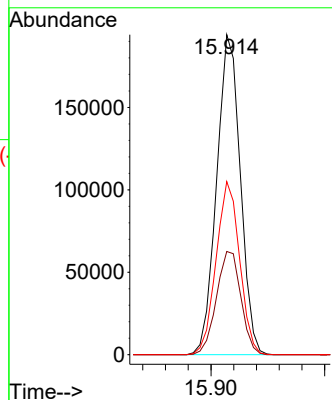
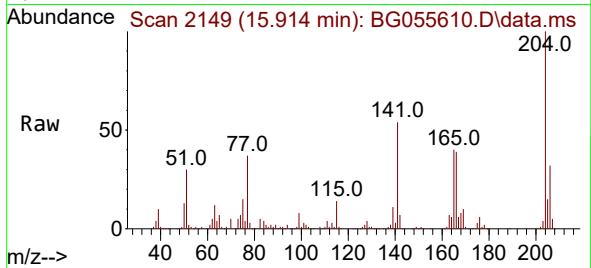
#61
4-Chlorophenyl-phenylether
Concen: 45.229 ng
RT: 15.914 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

Instrument :
BNA_G
ClientSampleId :
SB-25MS

Tgt Ion:204 Resp: 280730
Ion Ratio Lower Upper
204 100
206 32.3 26.8 40.2
141 54.1 43.1 64.7

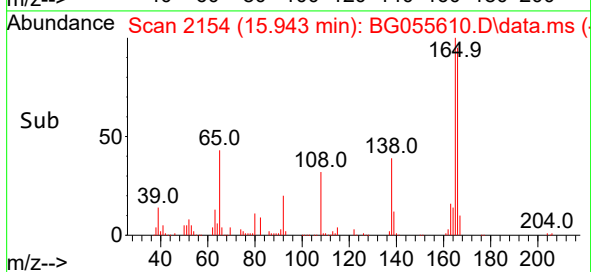
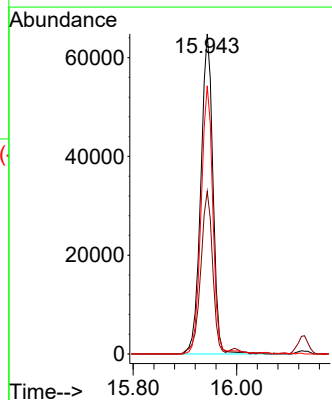
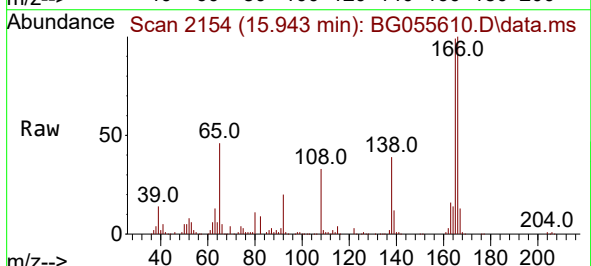
Manual Integrations
APPROVED

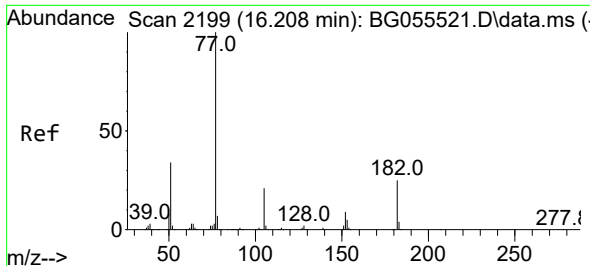
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#62
4-Nitroaniline
Concen: 44.590 ng
RT: 15.943 min Scan# 2154
Delta R.T. 0.005 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

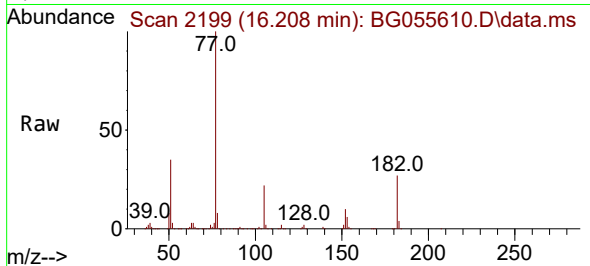
Tgt Ion:138 Resp: 105589
Ion Ratio Lower Upper
138 100
92 50.9 30.6 70.6
108 83.8 64.0 104.0





#63
Azobenzene
Concen: 39.907 ng
RT: 16.208 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

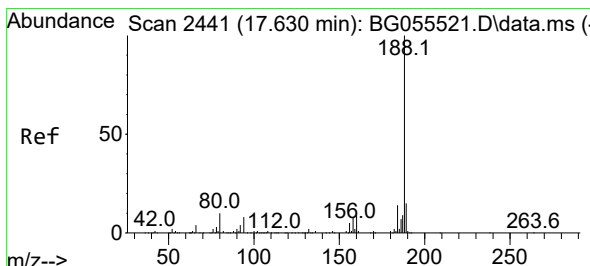
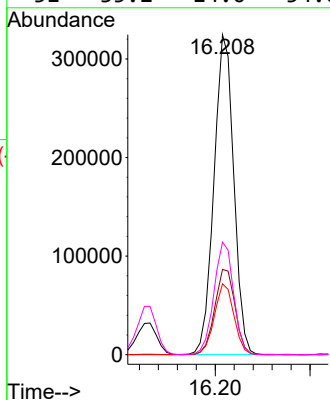
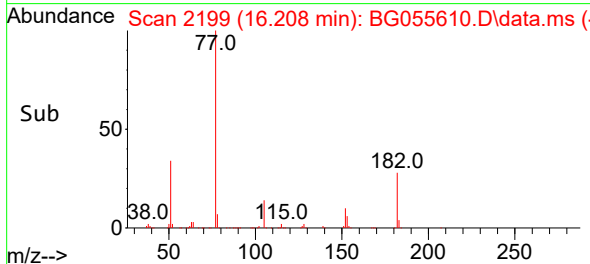
Instrument :
BNA_G
ClientSampleId :
SB-25MS



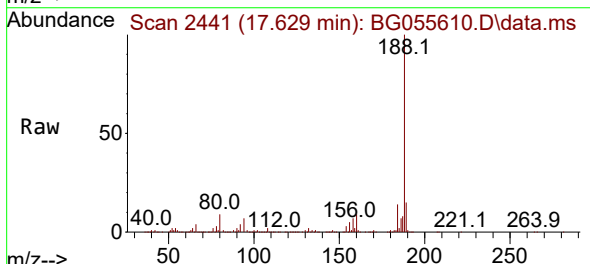
Tgt Ion: 77 Resp: 470000
Ion Ratio Lower Upper
77 100
182 26.6 4.6 44.6
105 22.1 1.2 41.2
51 35.2 14.0 54.0

Manual Integrations
APPROVED

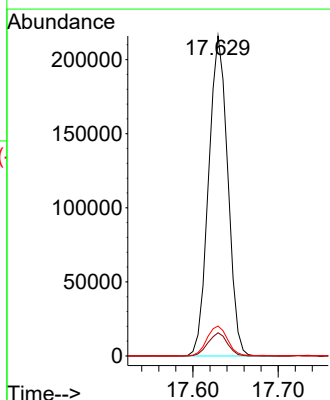
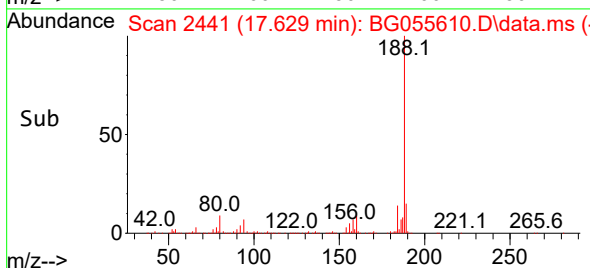
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

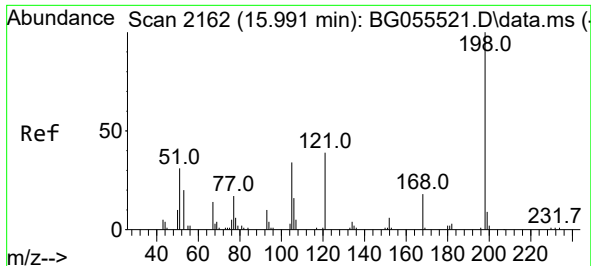


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.629 min Scan# 2441
Delta R.T. -0.001 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45



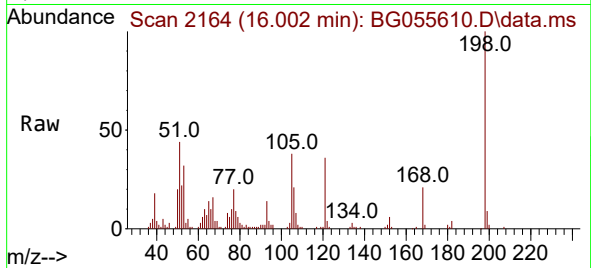
Tgt Ion:188 Resp: 336666
Ion Ratio Lower Upper
188 100
94 7.2 6.4 9.6
80 9.4 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 51.801 ng
RT: 16.002 min Scan# 2164
Delta R.T. 0.011 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

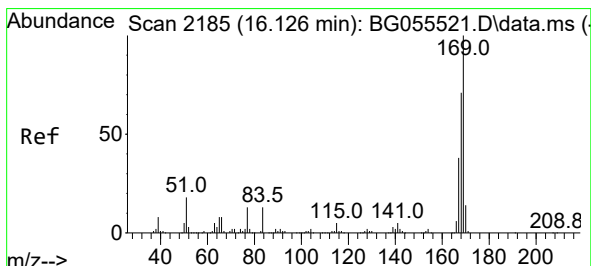
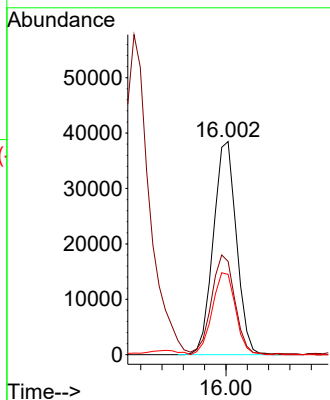
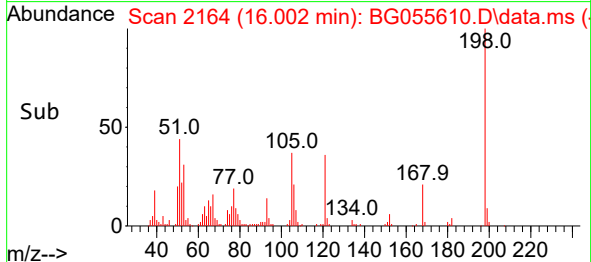
Instrument :
BNA_G
ClientSampleId :
SB-25MS



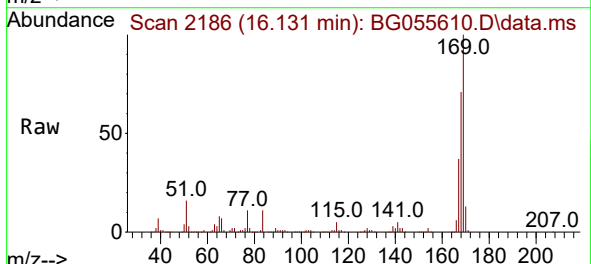
Tgt Ion:198 Resp: 57739
Ion Ratio Lower Upper
198 100
51 43.7 24.7 64.7
105 37.7 17.6 57.6

Manual Integrations
APPROVED

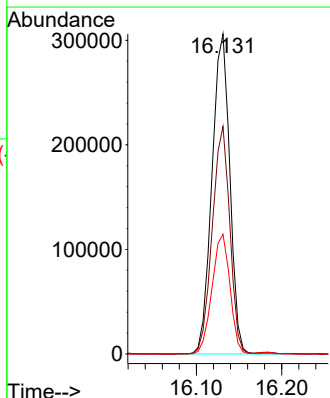
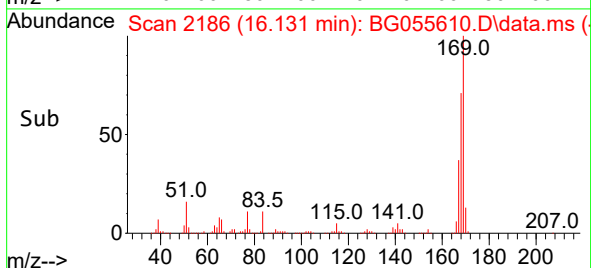
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

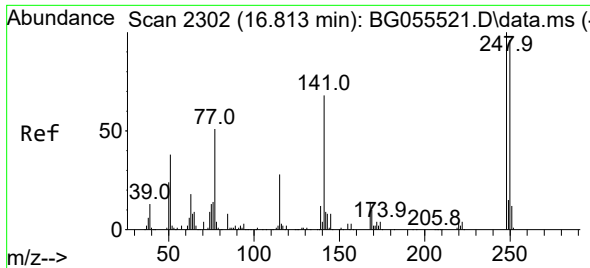


#66
n-Nitrosodiphenylamine
Concen: 47.168 ng
RT: 16.131 min Scan# 2186
Delta R.T. 0.005 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45



Tgt Ion:169 Resp: 444862
Ion Ratio Lower Upper
169 100
168 71.1 57.0 85.4
167 37.4 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 52.683 ng
RT: 16.807 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

Instrument :

BNA_G

ClientSampleId :

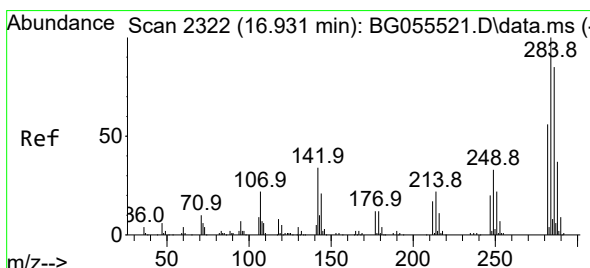
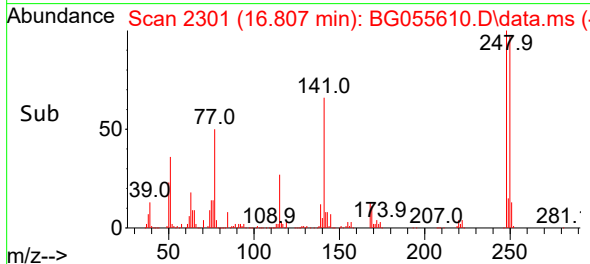
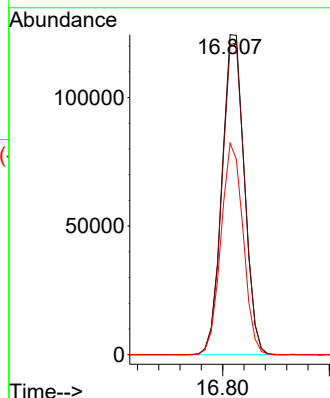
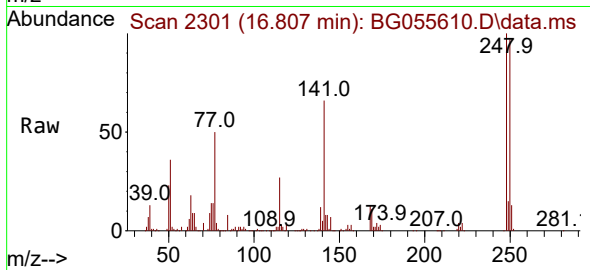
SB-25MS

Tgt Ion:248 Resp: 18094
Ion Ratio Lower Upper
248 100
250 97.0 76.9 115.3
141 66.0 54.3 81.5

Manual Integrations

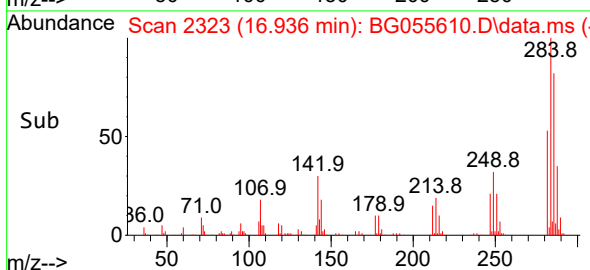
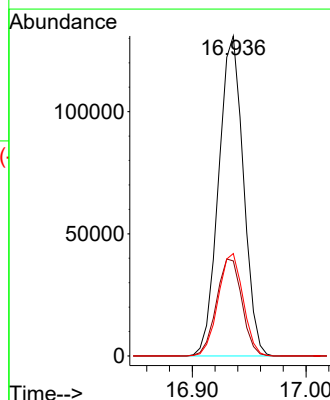
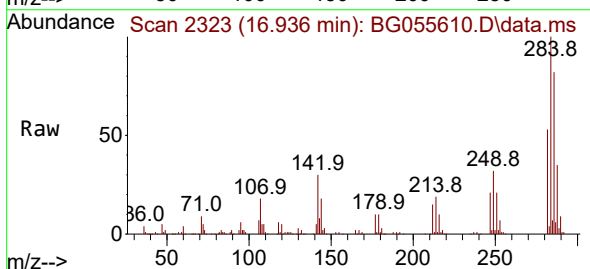
APPROVED

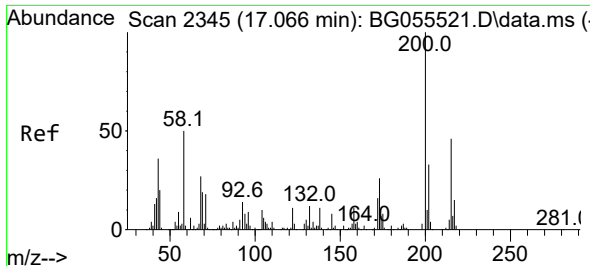
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#68
Hexachlorobenzene
Concen: 48.552 ng
RT: 16.936 min Scan# 2323
Delta R.T. 0.005 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

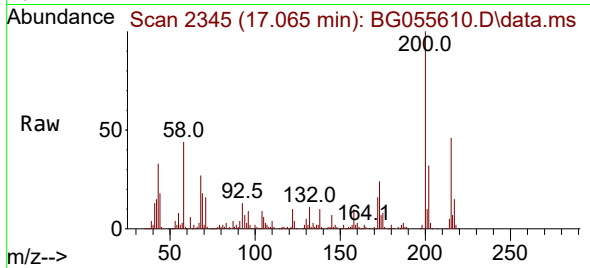
Tgt Ion:284 Resp: 198248
Ion Ratio Lower Upper
284 100
142 29.7 27.2 40.8
249 32.0 26.6 39.8





#69
 Atrazine
 Concen: 52.947 ng
 RT: 17.065 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG055610.D
 Acq: 14 Nov 2022 18:45

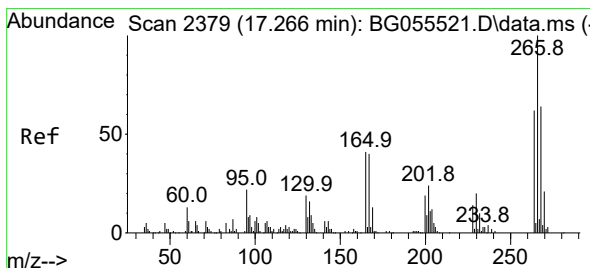
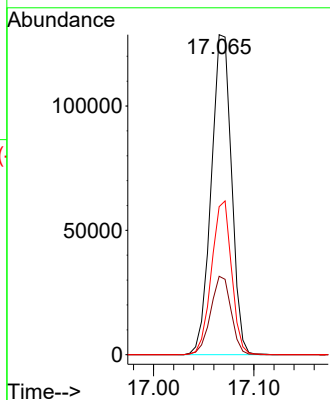
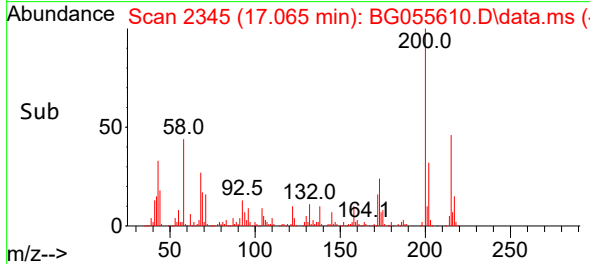
Instrument :
 BNA_G
 ClientSampleId :
 SB-25MS



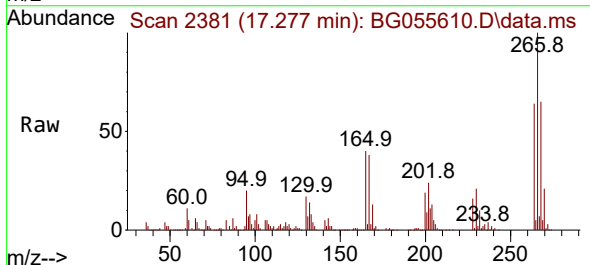
Tgt Ion:200 Resp: 180718
 Ion Ratio Lower Upper
 200 100
 173 24.5 6.3 46.3
 215 46.2 26.4 66.4

Manual Integrations
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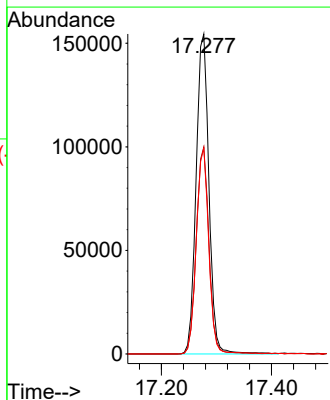
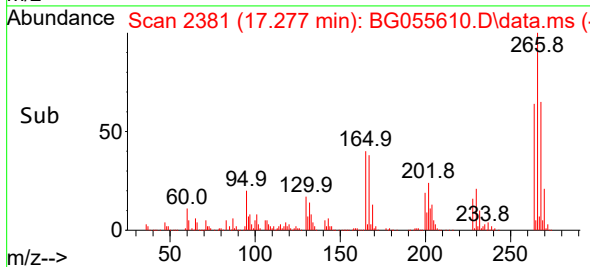
Reviewed By :Christian Giraldo 11/15/2022
 Supervised By :Jagrut Upadhyay 11/15/2022

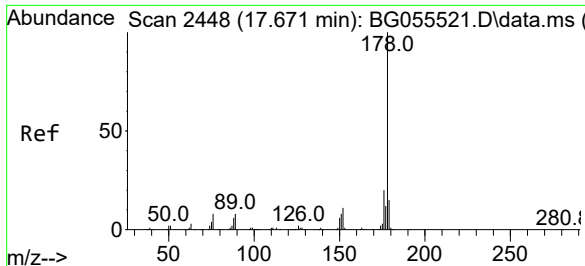


#70
 Pentachlorophenol
 Concen: 111.854 ng
 RT: 17.277 min Scan# 2381
 Delta R.T. 0.011 min
 Lab File: BG055610.D
 Acq: 14 Nov 2022 18:45



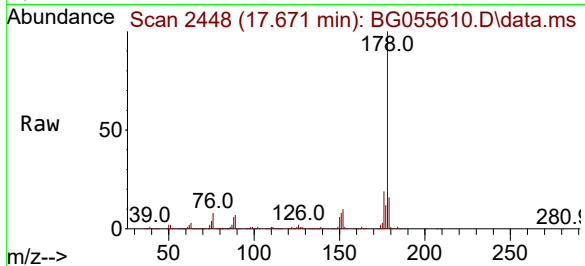
Tgt Ion:266 Resp: 250217
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.4 77.0
 264 64.4 49.5 74.3





#71
Phenanthrene
Concen: 44.132 ng
RT: 17.671 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

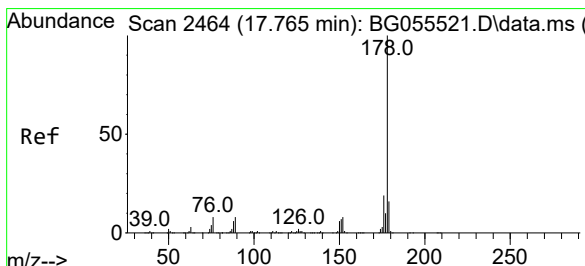
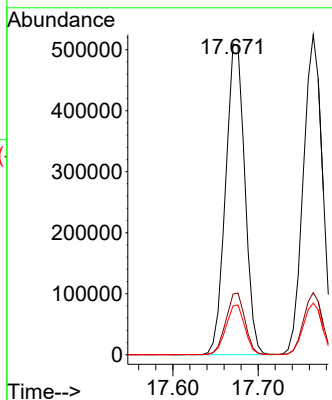
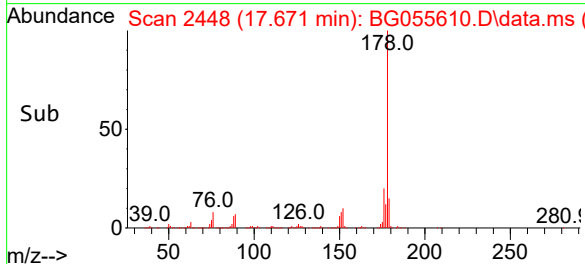
Instrument :
BNA_G
ClientSampleId :
SB-25MS



Tgt Ion:178 Resp: 798510
Ion Ratio Lower Upper
178 100
176 19.5 16.1 24.1
179 15.7 12.2 18.4

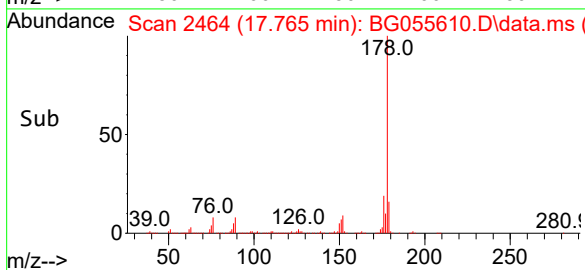
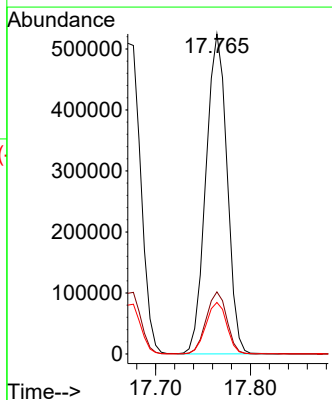
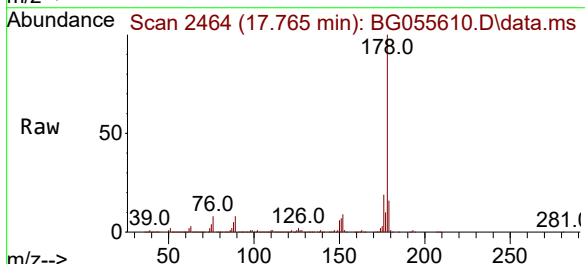
Manual Integrations
APPROVED

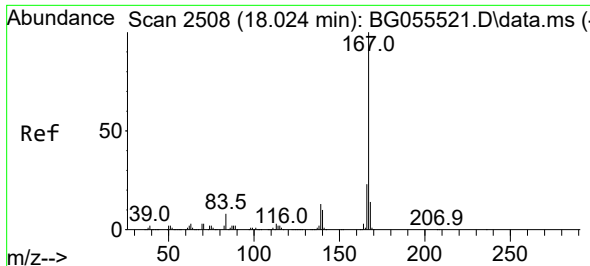
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#72
Anthracene
Concen: 45.804 ng
RT: 17.765 min Scan# 2464
Delta R.T. -0.000 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

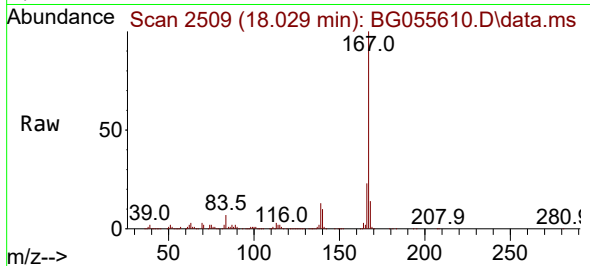
Tgt Ion:178 Resp: 812192
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.1 13.0 19.4





#73
Carbazole
Concen: 44.494 ng
RT: 18.029 min Scan# 2508
Delta R.T. 0.005 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

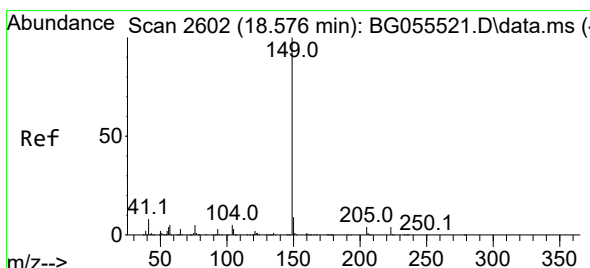
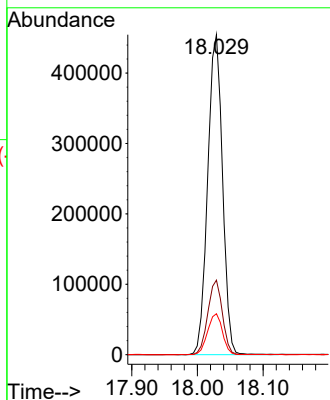
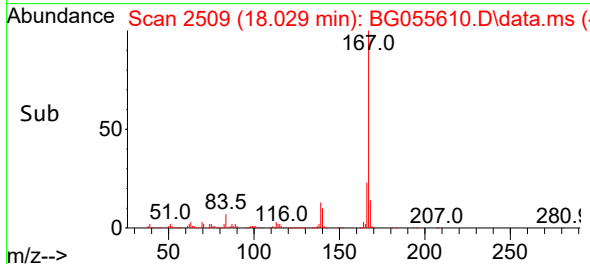
Instrument :
BNA_G
ClientSampleId :
SB-25MS



Tgt Ion:167 Resp: 713029
Ion Ratio Lower Upper
167 100
166 23.3 18.2 27.4
139 12.8 10.4 15.6

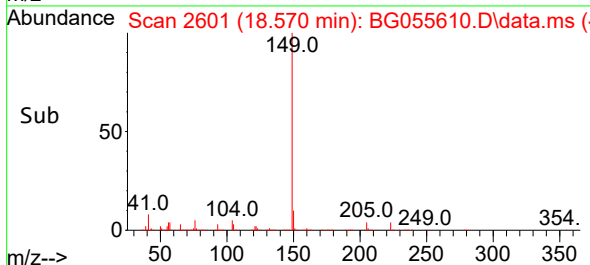
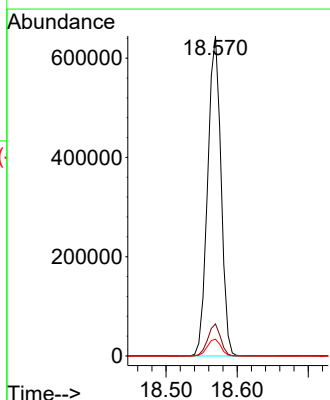
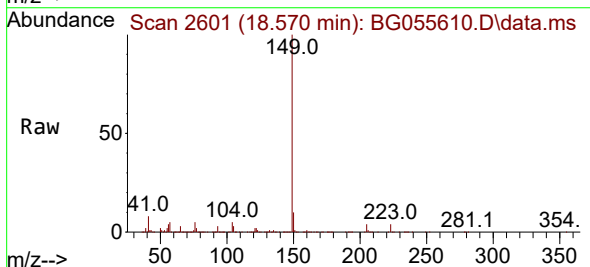
Manual Integrations
APPROVED

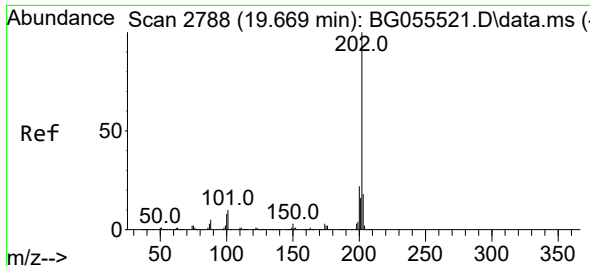
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#74
Di-n-butylphthalate
Concen: 45.744 ng
RT: 18.570 min Scan# 2601
Delta R.T. -0.006 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

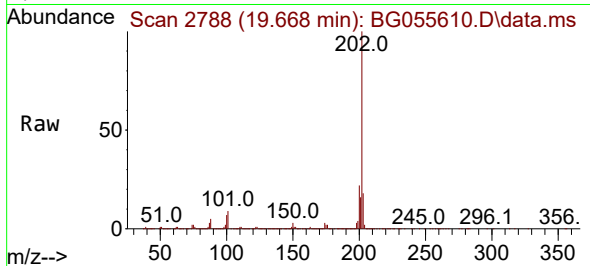
Tgt Ion:149 Resp: 840489
Ion Ratio Lower Upper
149 100
150 10.0 7.5 11.3
104 5.2 4.2 6.4





#75
Fluoranthene
Concen: 41.865 ng
RT: 19.668 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

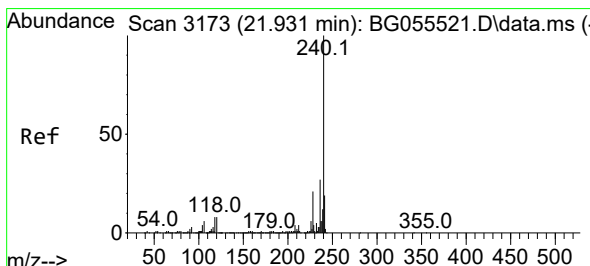
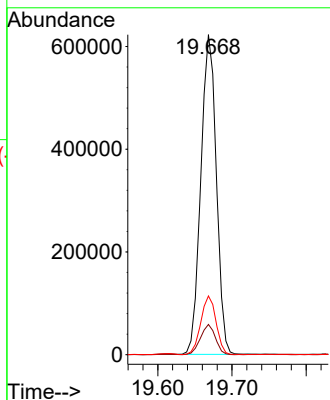
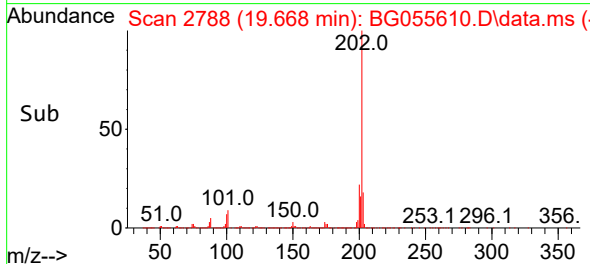
Instrument :
BNA_G
ClientSampleId :
SB-25MS



Tgt Ion:202 Resp: 90330
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.8
203 18.4 0.0 38.2

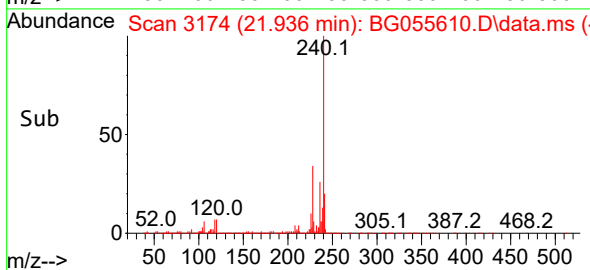
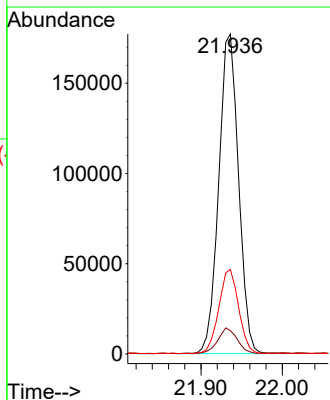
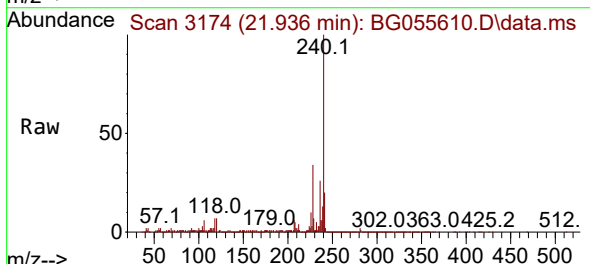
Manual Integrations
APPROVED

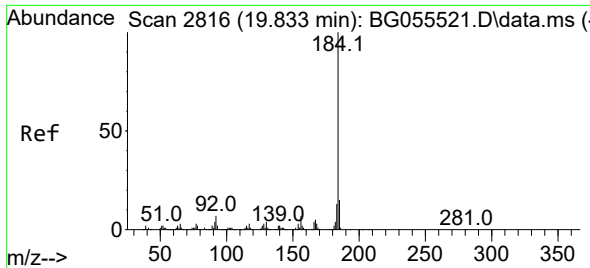
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3174
Delta R.T. 0.005 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

Tgt Ion:240 Resp: 299813
Ion Ratio Lower Upper
240 100
120 7.3 6.1 9.1
236 26.4 21.4 32.0





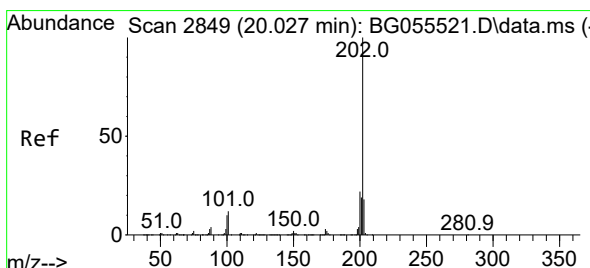
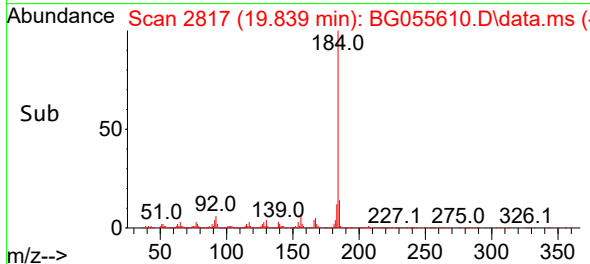
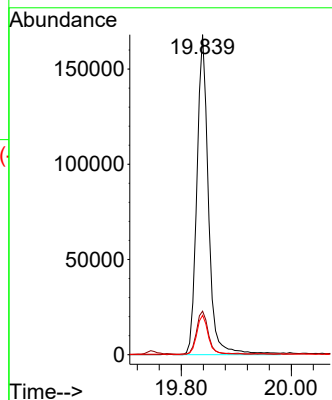
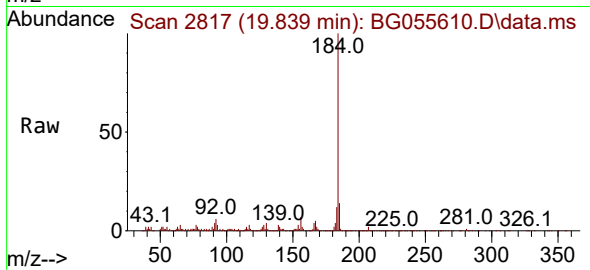
#77
Benzidine
Concen: 30.295 ng
RT: 19.839 min Scan# 2817
Delta R.T. 0.006 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

Instrument :
BNA_G
ClientSampleId :
SB-25MS

Tgt Ion:184 Resp: 24572
Ion Ratio Lower Upper
184 100
185 13.6 12.0 18.0
183 12.3 10.2 15.2

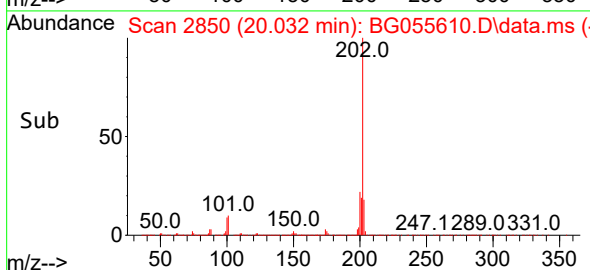
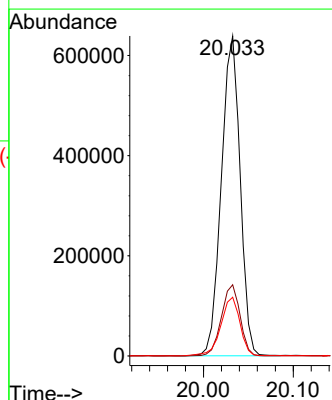
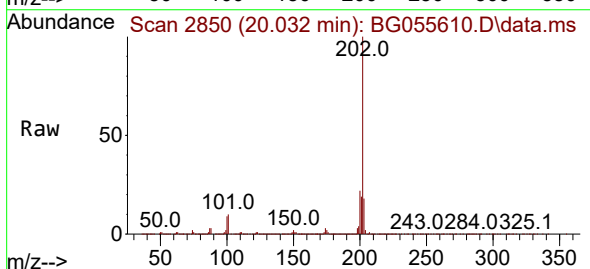
Manual Integrations
APPROVED

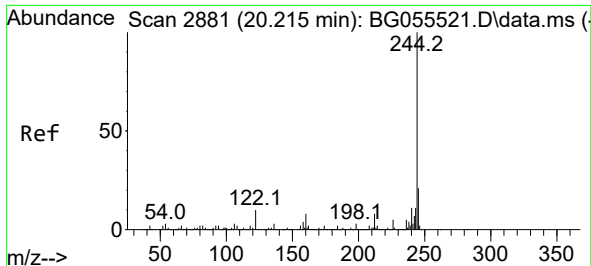
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#78
Pyrene
Concen: 45.727 ng
RT: 20.032 min Scan# 2850
Delta R.T. 0.005 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

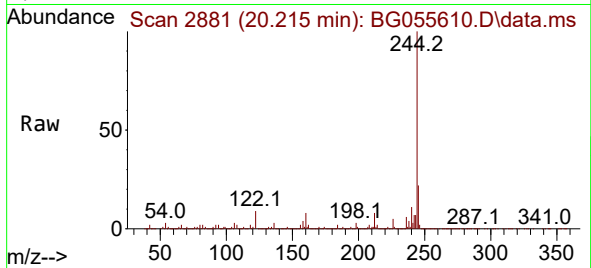
Tgt Ion:202 Resp: 927842
Ion Ratio Lower Upper
202 100
200 22.2 18.0 27.0
203 18.4 14.2 21.2





#79
 Terphenyl-d14
 Concen: 78.340 ng
 RT: 20.215 min Scan# 2881
 Delta R.T. -0.000 min
 Lab File: BG055610.D
 Acq: 14 Nov 2022 18:45

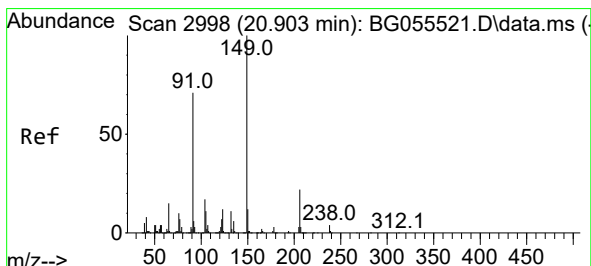
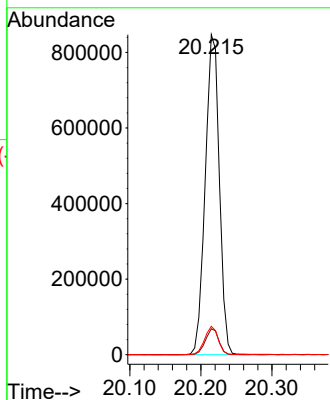
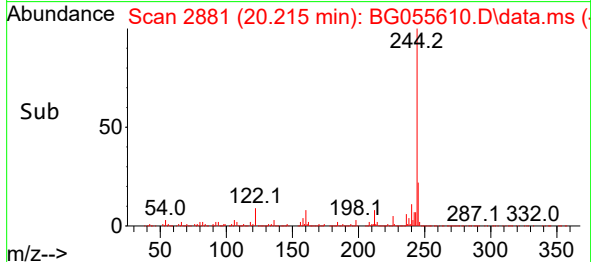
Instrument :
 BNA_G
 ClientSampleId :
 SB-25MS



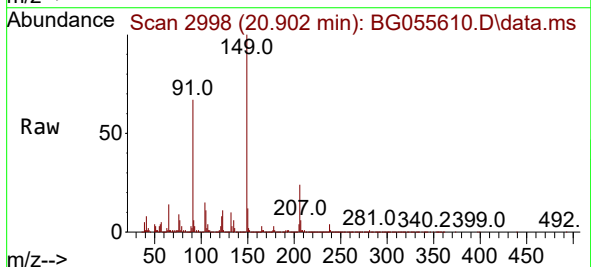
Tgt Ion:244 Resp: 116936
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 8.9 7.7 11.5

Manual Integrations
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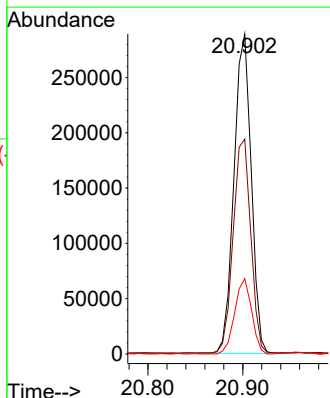
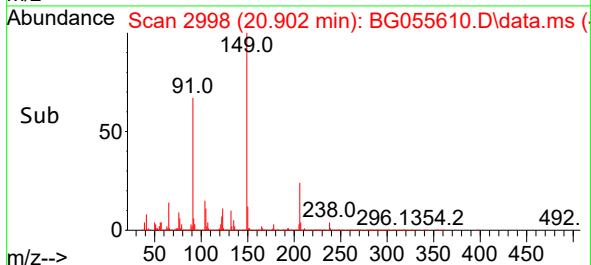
Reviewed By :Christian Giraldo 11/15/2022
 Supervised By :Jagrut Upadhyay 11/15/2022

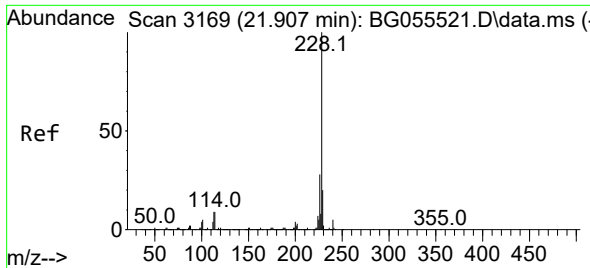


#80
 Butylbenzylphthalate
 Concen: 47.232 ng
 RT: 20.902 min Scan# 2998
 Delta R.T. -0.001 min
 Lab File: BG055610.D
 Acq: 14 Nov 2022 18:45



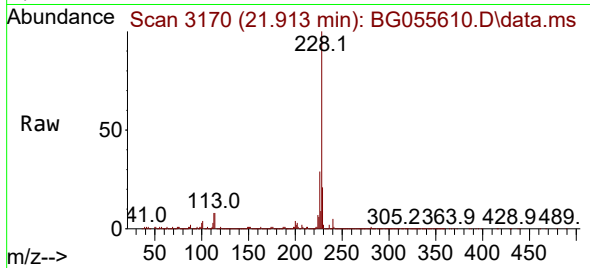
Tgt Ion:149 Resp: 364574
 Ion Ratio Lower Upper
 149 100
 91 67.1 56.8 85.2
 206 23.5 17.3 25.9





#81
Benzo(a)anthracene
Concen: 44.579 ng
RT: 21.913 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

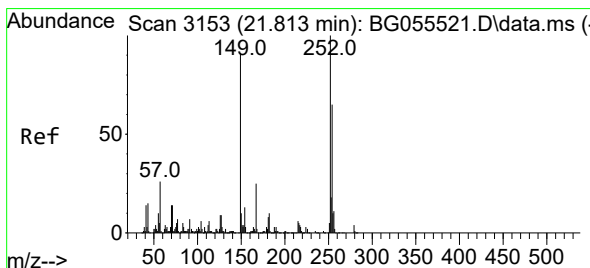
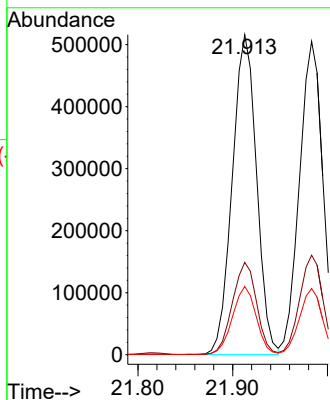
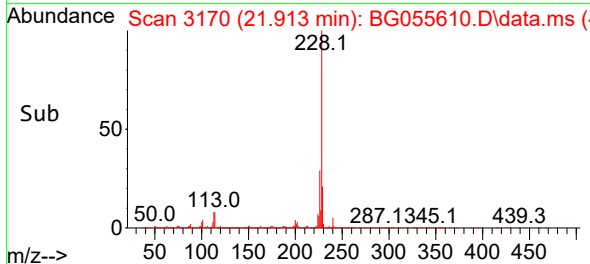
Instrument :
BNA_G
ClientSampleId :
SB-25MS



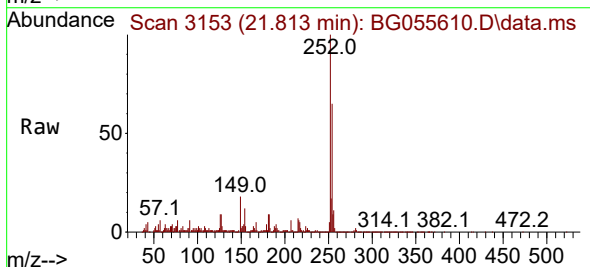
Tgt Ion:228 Resp: 915474
Ion Ratio Lower Upper
228 100
226 28.8 22.6 34.0
229 21.3 16.1 24.1

Manual Integrations
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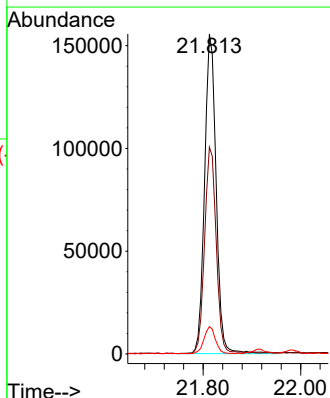
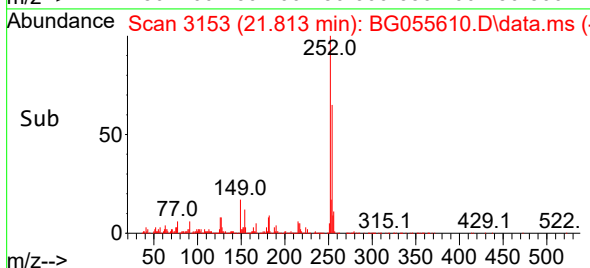
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

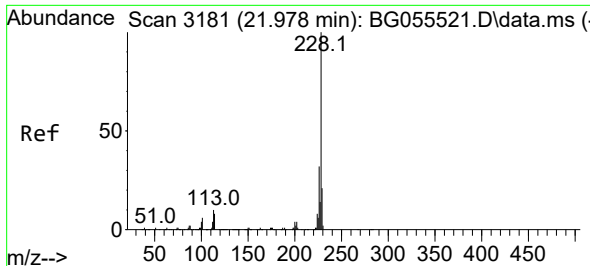


#82
3,3'-Dichlorobenzidine
Concen: 38.036 ng
RT: 21.813 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45



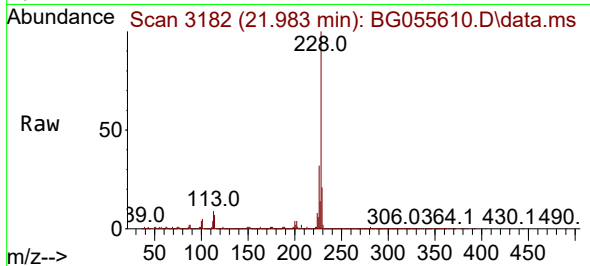
Tgt Ion:252 Resp: 254923
Ion Ratio Lower Upper
252 100
254 64.7 52.2 78.2
126 8.5 6.9 10.3





#83
Chrysene
Concen: 44.149 ng
RT: 21.983 min Scan# 3181
Delta R.T. 0.005 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

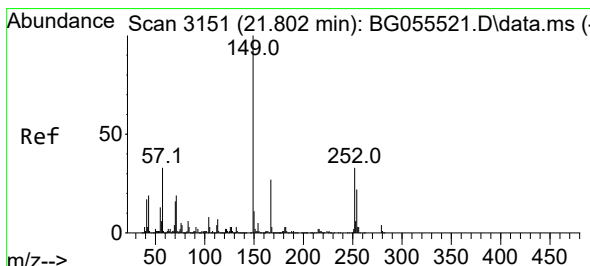
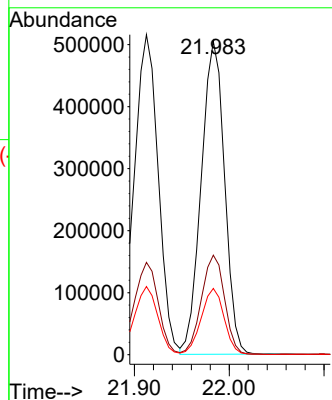
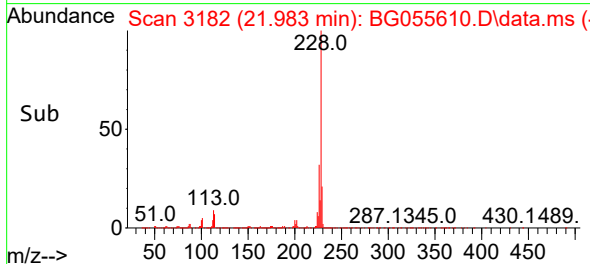
Instrument :
BNA_G
ClientSampleId :
SB-25MS



Tgt Ion:228 Resp: 862133
Ion Ratio Lower Upper
228 100
226 31.8 25.7 38.5
229 21.1 16.6 25.0

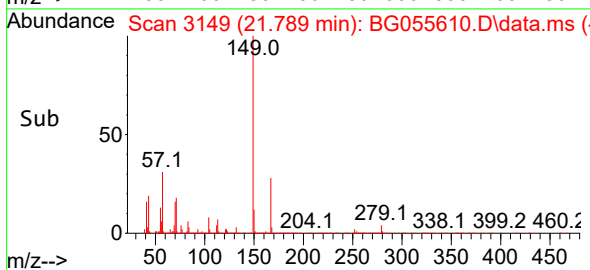
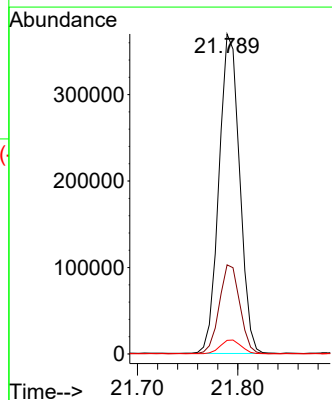
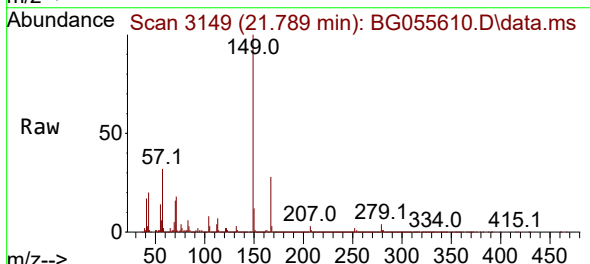
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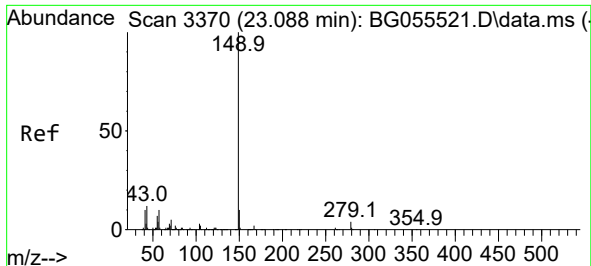
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.427 ng
RT: 21.789 min Scan# 3149
Delta R.T. -0.013 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

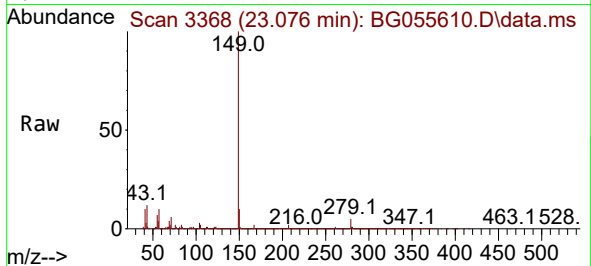
Tgt Ion:149 Resp: 526647
Ion Ratio Lower Upper
149 100
167 27.9 21.4 32.2
279 4.3 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 50.626 ng
RT: 23.076 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

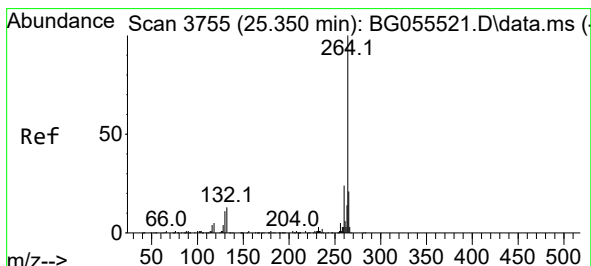
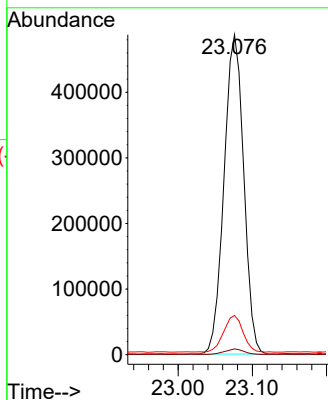
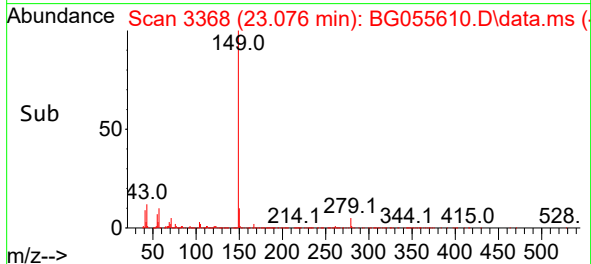
Instrument :
BNA_G
ClientSampleId :
SB-25MS



Tgt Ion:149 Resp: 895929
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.3 9.3 13.9

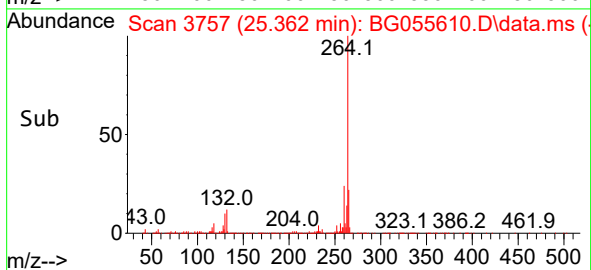
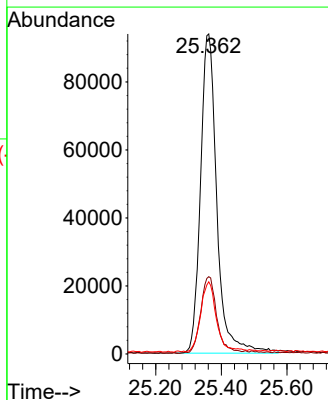
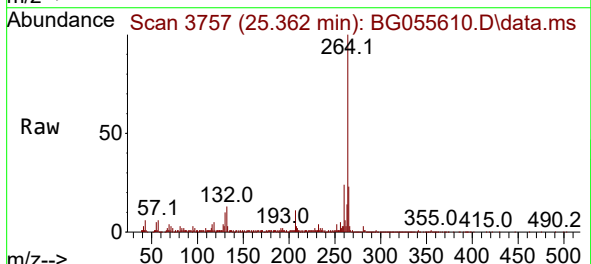
Manual Integrations
APPROVED

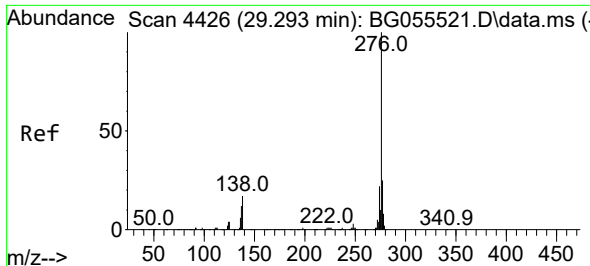
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.362 min Scan# 3757
Delta R.T. 0.012 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

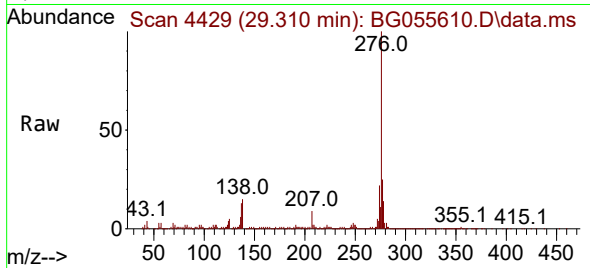
Tgt Ion:264 Resp: 325334
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 22.5 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.645 ng
RT: 29.310 min Scan# 4426
Delta R.T. 0.017 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

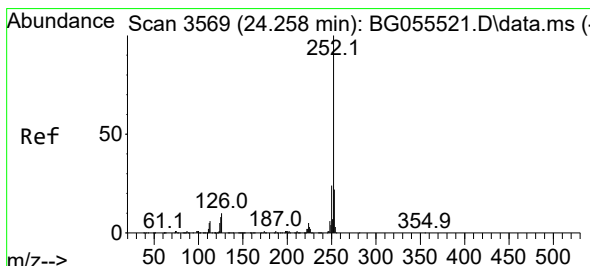
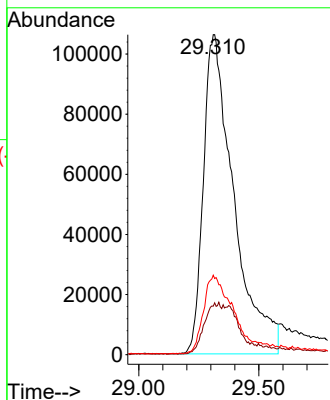
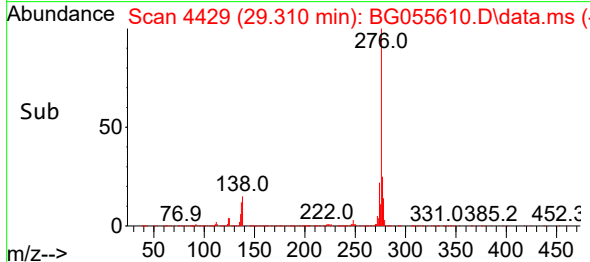
Instrument :
BNA_G
ClientSampleId :
SB-25MS



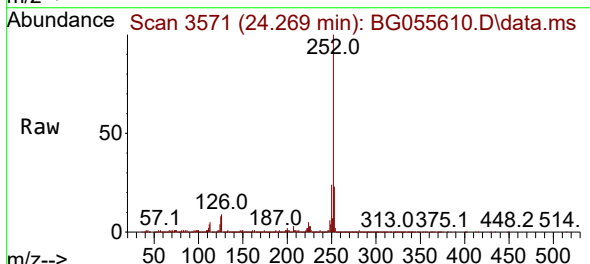
Tgt Ion:276 Resp: 93279
Ion Ratio Lower Upper
276 100
138 6.5 11.5 17.3
277 24.8 20.4 30.6

Manual Integrations
APPROVED

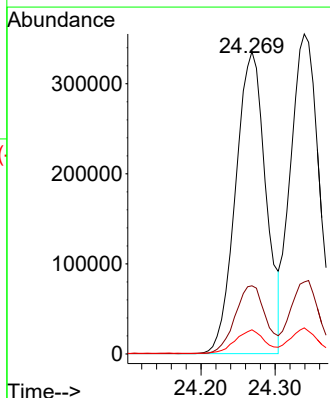
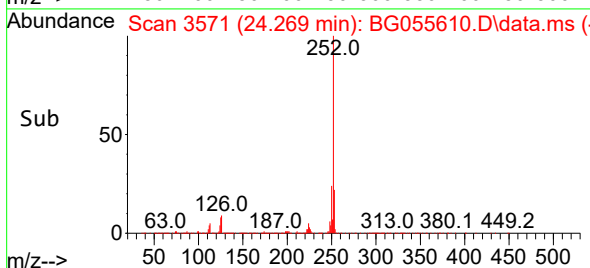
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

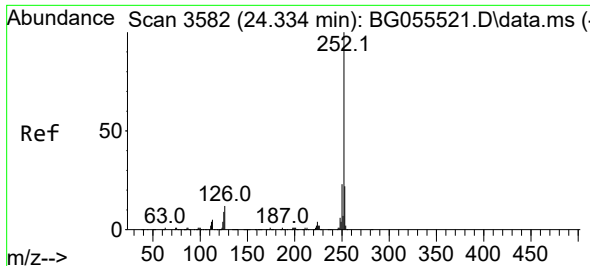


#88
Benzo(b)fluoranthene
Concen: 46.134 ng
RT: 24.269 min Scan# 3571
Delta R.T. 0.011 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45



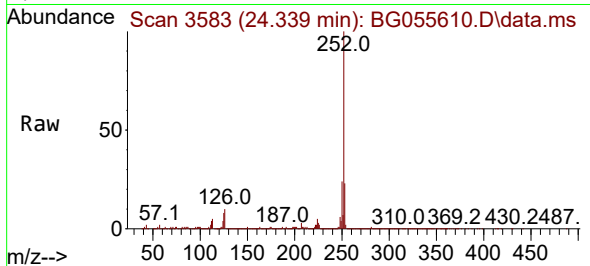
Tgt Ion:252 Resp: 950970
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 8.0 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 45.664 ng
RT: 24.339 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

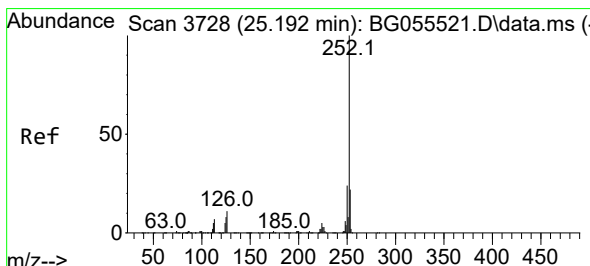
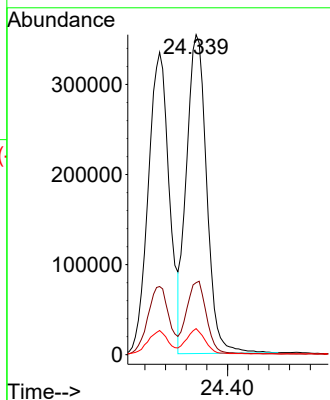
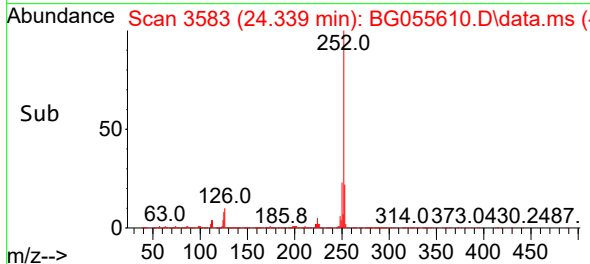
Instrument :
BNA_G
ClientSampleId :
SB-25MS



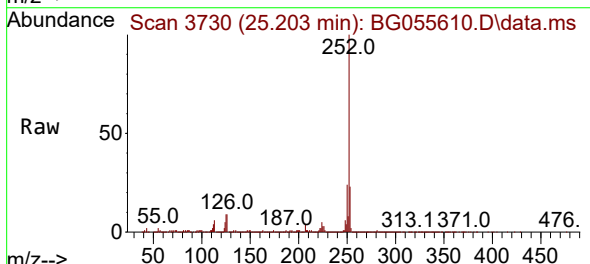
Tgt Ion:252 Resp: 96231
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 8.1 6.9 10.3

Manual Integrations
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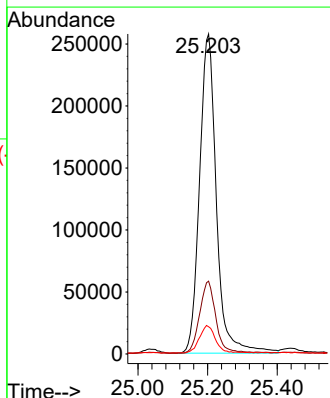
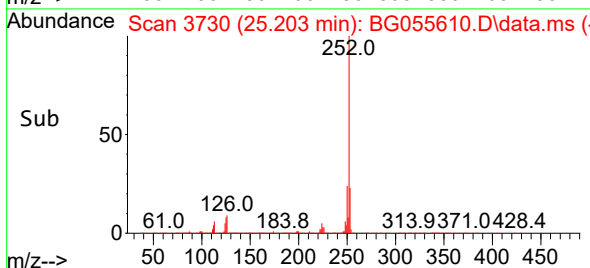
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

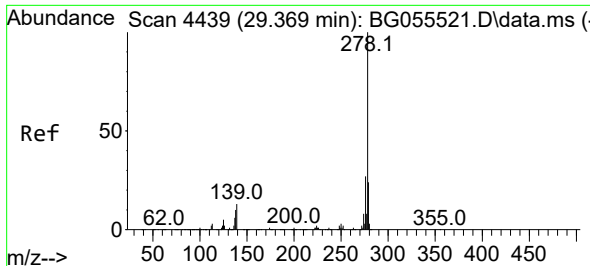


#90
Benzo(a)pyrene
Concen: 48.642 ng
RT: 25.203 min Scan# 3730
Delta R.T. 0.011 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45



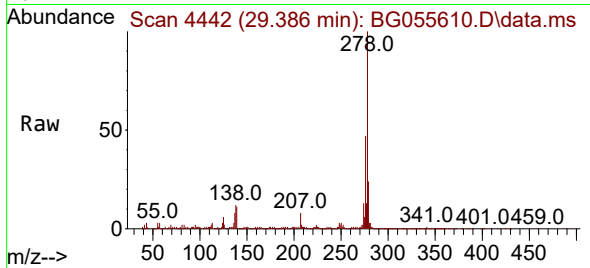
Tgt Ion:252 Resp: 863710
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 8.5 6.7 10.1





#91
Dibenzo(a,h)anthracene
Concen: 38.272 ng
RT: 29.386 min Scan# 4439
Delta R.T. 0.017 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45

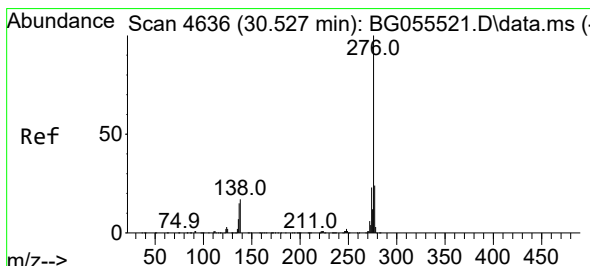
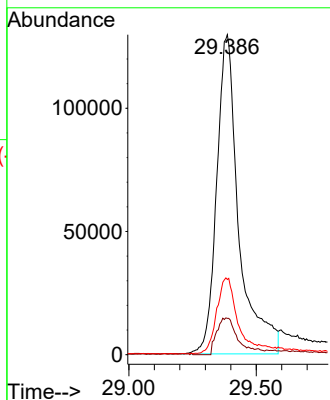
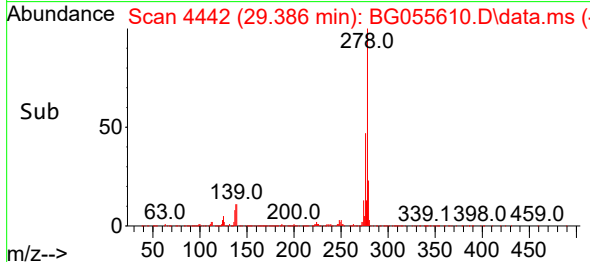
Instrument :
BNA_G
ClientSampleId :
SB-25MS



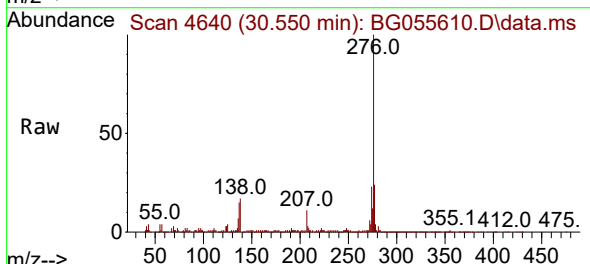
Tgt Ion:278 Resp: 785000
Ion Ratio Lower Upper
278 100
139 11.3 10.6 15.8
279 23.5 19.4 29.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#92
Benzo(g,h,i)perylene
Concen: 31.449 ng
RT: 30.550 min Scan# 4640
Delta R.T. 0.023 min
Lab File: BG055610.D
Acq: 14 Nov 2022 18:45



Tgt Ion:276 Resp: 630580
Ion Ratio Lower Upper
276 100
277 23.9 19.3 28.9
138 16.6 13.9 20.9

