

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
 Data File : BG055803.D
 Acq On : 28 Nov 2022 13:25
 Operator : CG/JU
 Sample : PB149281BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149281BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/29/2022
 Supervised By : Jagrut Upadhyay 11/29/2022

Quant Time: Nov 29 02:08:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 02:02:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	40980	20.000	ng	0.00
21) Naphthalene-d8	11.058	136	195478	20.000	ng	0.00
39) Acenaphthene-d10	14.854	164	153253	20.000	ng	0.00
64) Phenanthrene-d10	17.598	188	371084	20.000	ng	0.00
76) Chrysene-d12	21.893	240	353884	20.000	ng	0.00
86) Perylene-d12	25.283	264	364773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.765	112	328068	144.702	ng	0.00
7) Phenol-d6	7.380	99	437189	144.860	ng	0.00
23) Nitrobenzene-d5	9.407	82	268825	72.687	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	256417	118.822	ng	0.00
45) 2-Fluorobiphenyl	13.479	172	705282	68.945	ng	0.00
79) Terphenyl-d14	20.183	244	1324831	74.879	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.585	88	31148	32.148	ng	100
3) Pyridine	3.996	79	90123	30.321	ng	98
4) n-Nitrosodimethylamine	3.908	42	61913	39.343	ng	93
6) Aniline	7.545	93	166498	43.922	ng	99
8) 2-Chlorophenol	7.792	128	124288	47.954	ng	99
9) Benzaldehyde	7.357	77	70393	34.344	ng	99
10) Phenol	7.410	94	163095	48.264	ng	98
11) bis(2-Chloroethyl)ether	7.633	93	108926	42.061	ng	99
12) 1,3-Dichlorobenzene	8.121	146	122849	40.315	ng	99
13) 1,4-Dichlorobenzene	8.268	146	124554	40.450	ng	98
14) 1,2-Dichlorobenzene	8.591	146	123844	41.971	ng	98
15) Benzyl Alcohol	8.467	79	115565m	47.116	ng	
16) 2,2'-oxybis(1-Chloropr...	8.755	45	198620	42.367	ng	100
17) 2-Methylphenol	8.673	107	112508	46.895	ng	98
18) Hexachloroethane	9.325	117	43326	40.880	ng	98
19) n-Nitroso-di-n-propyla...	9.031	70	100015	43.131	ng	98
20) 3+4-Methylphenols	9.002	107	161001	48.040	ng	98
22) Acetophenone	9.055	105	192597	37.917	ng	# 99
24) Nitrobenzene	9.448	77	143943	37.261	ng	99
25) Isophorone	9.971	82	287438	41.019	ng	99
26) 2-Nitrophenol	10.159	139	74341	41.687	ng	96
27) 2,4-Dimethylphenol	10.212	122	131756m	48.544	ng	
28) bis(2-Chloroethoxy)met...	10.447	93	161820	43.015	ng	99
29) 2,4-Dichlorophenol	10.706	162	138096	42.509	ng	99
30) 1,2,4-Trichlorobenzene	10.917	180	135535	35.911	ng	98
31) Naphthalene	11.111	128	385506	36.481	ng	100
32) Benzoic acid	10.365	122	81933	36.692	ng	97
33) 4-Chloroaniline	11.211	127	135566	31.099	ng	98
34) Hexachlorobutadiene	11.387	225	87590	33.988	ng	96
35) Caprolactam	11.987	113	49284m	43.840	ng	
36) 4-Chloro-3-methylphenol	12.322	107	158358	44.351	ng	99
37) 2-Methylnaphthalene	12.698	142	299115	37.805	ng	99
38) 1-Methylnaphthalene	12.915	142	286116	37.250	ng	100
40) 1,2,4,5-Tetrachloroben...	13.062	216	172419	35.801	ng	99
41) Hexachlorocyclopentadiene	13.033	237	190820	78.614	ng	98
43) 2,4,6-Trichlorophenol	13.297	196	124408	37.869	ng	99

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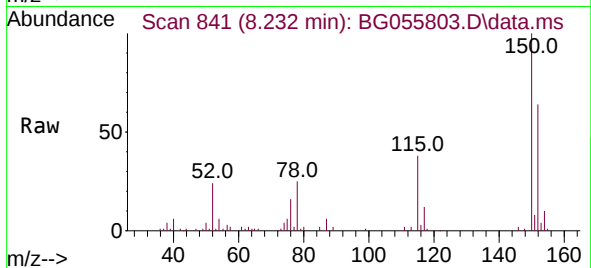
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.373	196	136895	37.919	ng	98
46) 1,1'-Biphenyl	13.691	154	418350	37.460	ng	99
47) 2-Chloronaphthalene	13.743	162	314840	36.270	ng	99
48) 2-Nitroaniline	13.937	65	114643	40.171	ng	97
49) Acenaphthylene	14.584	152	538502	37.673	ng	99
50) Dimethylphthalate	14.302	163	458833	37.558	ng	99
51) 2,6-Dinitrotoluene	14.425	165	99762	39.938	ng	99
52) Acenaphthene	14.919	154	395415m	42.326	ng	
53) 3-Nitroaniline	14.754	138	84255	30.726	ng	98
54) 2,4-Dinitrophenol	14.966	184	130852	91.109	ng	97
55) Dibenzofuran	15.253	168	536556	37.230	ng	99
56) 4-Nitrophenol	15.065	139	169680	78.841	ng	99
57) 2,4-Dinitrotoluene	15.212	165	146727	41.662	ng	93
58) Fluorene	15.900	166	427854	37.170	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.477	232	128456	36.721	ng	100
60) Diethylphthalate	15.653	149	470627	38.103	ng	100
61) 4-Chlorophenyl-phenyle...	15.882	204	235943	37.289	ng	98
62) 4-Nitroaniline	15.917	138	110392	38.512	ng	98
63) Azobenzene	16.176	77	409361	37.963	ng	99
65) 4,6-Dinitro-2-methylph...	15.976	198	88307	42.617	ng	95
66) n-Nitrosodiphenylamine	16.094	169	395963	38.718	ng	99
67) 4-Bromophenyl-phenylether	16.775	248	158256	37.430	ng	98
68) Hexachlorobenzene	16.899	284	176157	37.574	ng	100
69) Atrazine	17.034	200	168314	41.614	ng	99
70) Pentachlorophenol	17.245	266	208035	72.538	ng	99
71) Phenanthrene	17.639	178	741301	37.018	ng	100
72) Anthracene	17.727	178	748740	38.482	ng	99
73) Carbazole	17.997	167	690378	39.469	ng	98
74) Di-n-butylphthalate	18.526	149	833418	38.372	ng	100
75) Fluoranthene	19.637	202	887218	36.418	ng	99
77) Benzidine	19.807	184	448639	54.799	ng	99
78) Pyrene	19.995	202	900506	37.594	ng	99
80) Butylbenzylphthalate	20.859	149	364861	38.909	ng	99
81) Benzo(a)anthracene	21.869	228	904768	37.120	ng	99
82) 3,3'-Dichlorobenzidine	21.775	252	291587	34.045	ng	100
83) Chrysene	21.940	228	847144	36.509	ng	99
84) Bis(2-ethylhexyl)phtha...	21.734	149	532281	39.497	ng	100
85) Di-n-octyl phthalate	23.003	149	903159	39.161	ng	100
87) Indeno(1,2,3-cd)pyrene	29.190	276	1090729	36.500	ng	# 94
88) Benzo(b)fluoranthene	24.196	252	967543	40.728	ng	99
89) Benzo(k)fluoranthene	24.272	252	925552	39.086	ng	100
90) Benzo(a)pyrene	25.124	252	848372	41.616	ng	99
91) Dibenzo(a,h)anthracene	29.261	278	929561	38.066	ng	99
92) Benzo(g,h,i)perylene	30.424	276	907094	36.855	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.232 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

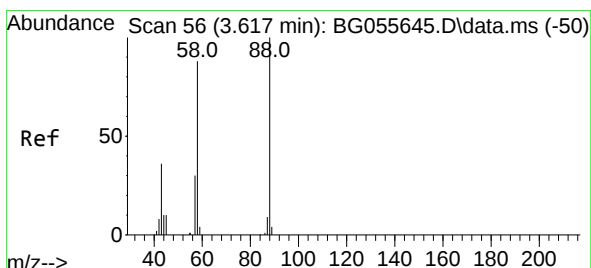
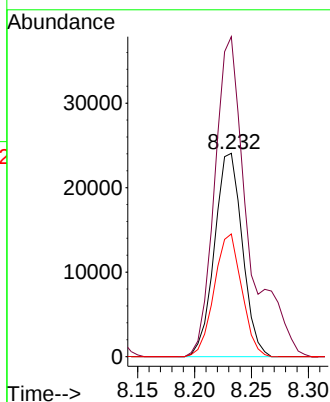
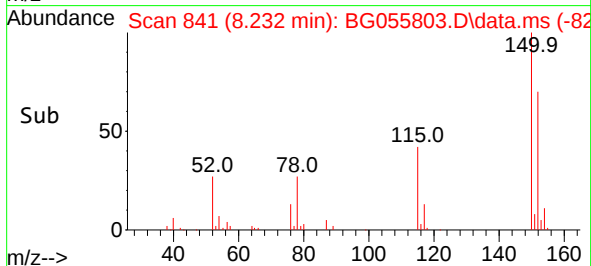
Instrument :
BNA_G
ClientSampleId :
PB149281BS



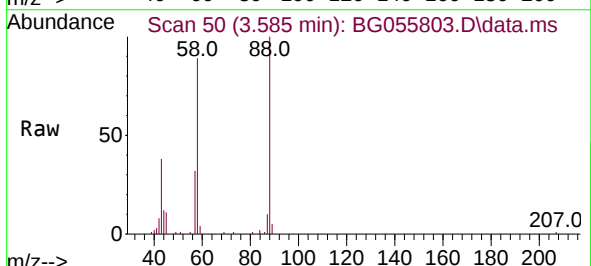
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Ion Ratio Lower Upper
152 100
150 157.4 123.0 184.6
115 60.3 47.0 70.4

Manual Integrations
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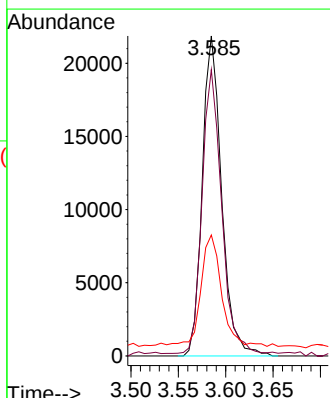
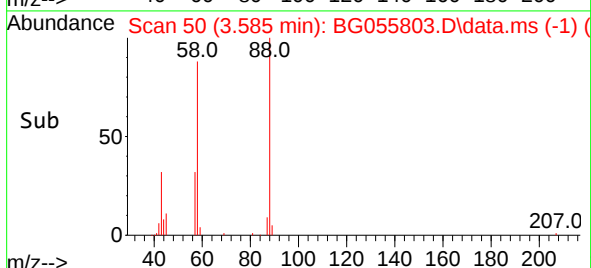
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

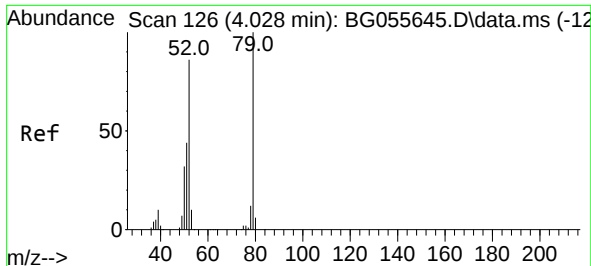


#2
1,4-Dioxane
Concen: 32.148 ng
RT: 3.585 min Scan# 50
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25



Tgt Ion: 88 Resp: 31148
Ion Ratio Lower Upper
88 100
58 89.0 71.3 106.9
43 36.4 28.6 43.0





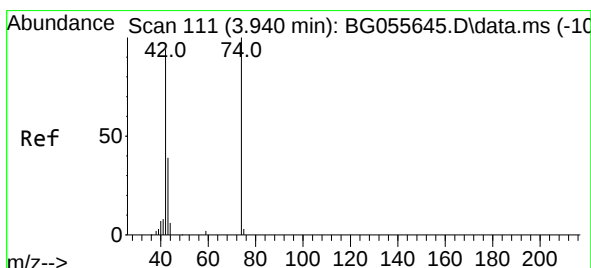
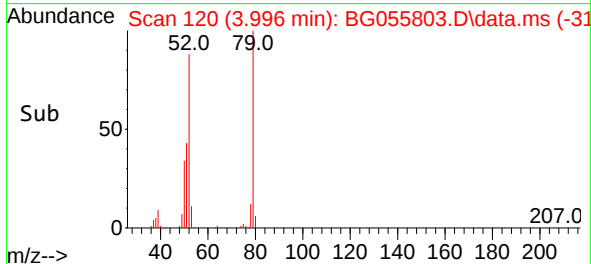
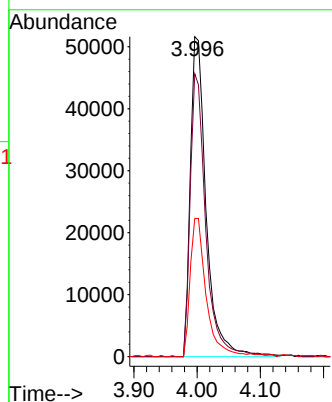
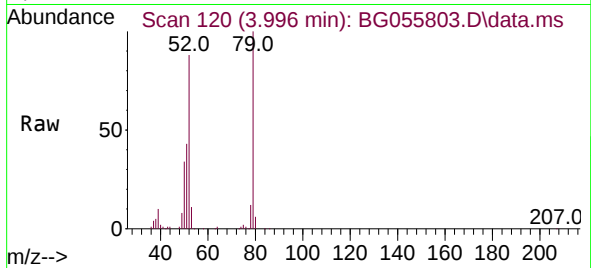
#3
Pyridine
Concen: 30.321 ng
RT: 3.996 min Scan# 110
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

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Tgt Ion: 79 Resp: 90123
Ion Ratio Lower Upper
79 100
52 88.4 68.9 103.3
51 43.2 34.8 52.2

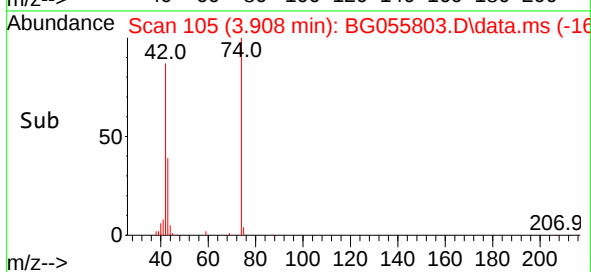
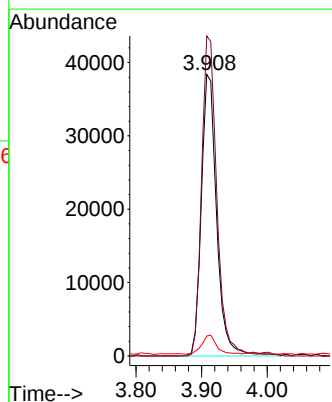
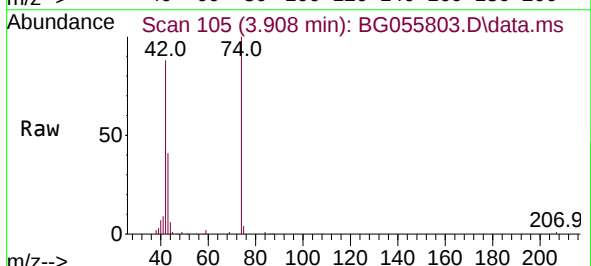
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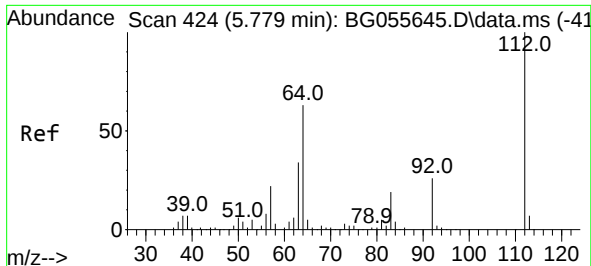
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#4
n-Nitrosodimethylamine
Concen: 39.343 ng
RT: 3.908 min Scan# 105
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Tgt Ion: 42 Resp: 61913
Ion Ratio Lower Upper
42 100
74 113.7 84.7 127.1
44 7.1 5.4 8.0





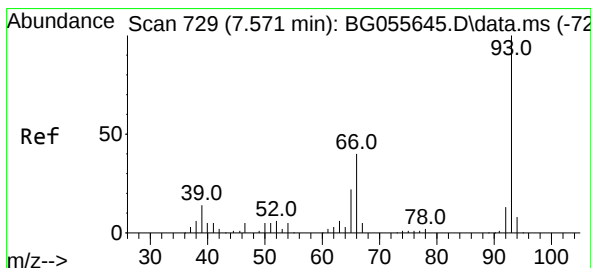
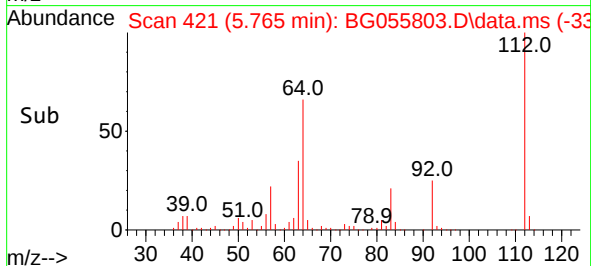
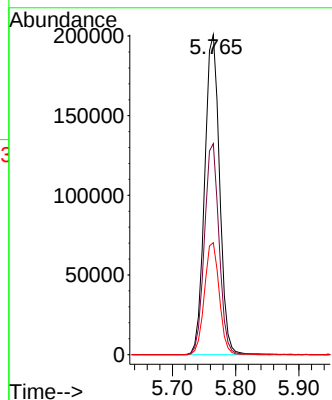
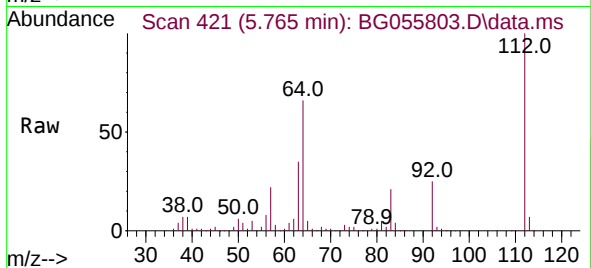
#5
2-Fluorophenol
Concen: 144.702 ng
RT: 5.765 min Scan# 41
Delta R.T. 0.007 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:112 Resp: 328068
Ion Ratio Lower Upper
112 100
64 65.9 50.6 76.0
63 35.0 27.5 41.3

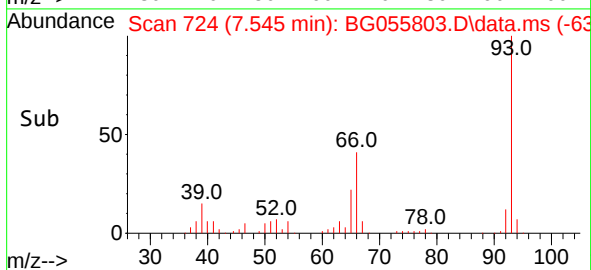
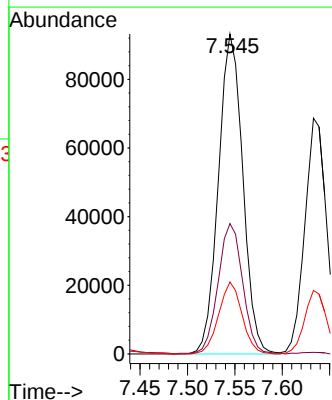
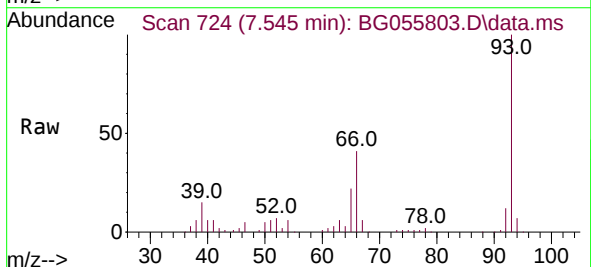
Manual Integrations
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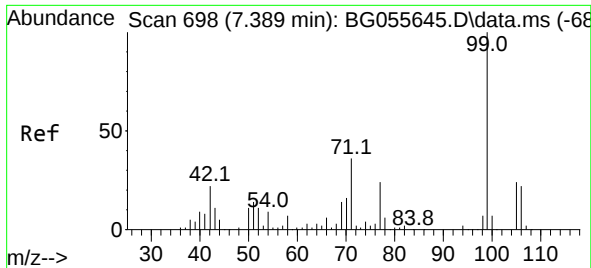
Reviewed By :Christian Giraldo 11/29/2022
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#6
Aniline
Concen: 43.922 ng
RT: 7.545 min Scan# 724
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Tgt Ion: 93 Resp: 166498
Ion Ratio Lower Upper
93 100
66 40.7 31.7 47.5
65 22.5 17.9 26.9





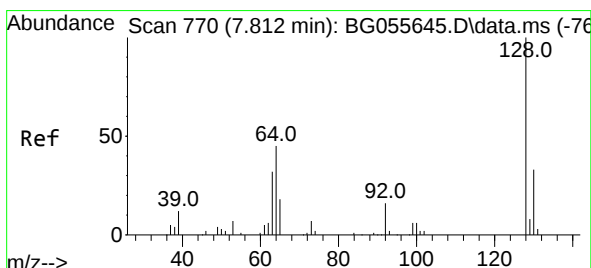
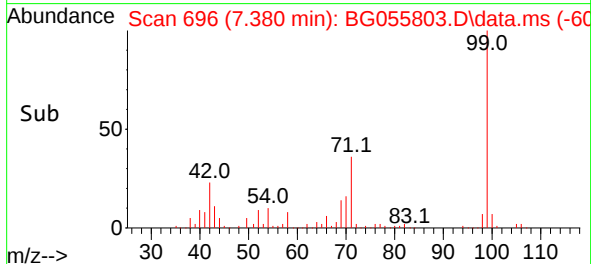
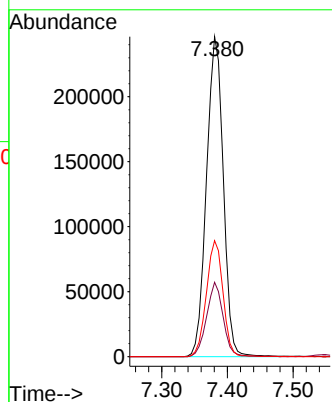
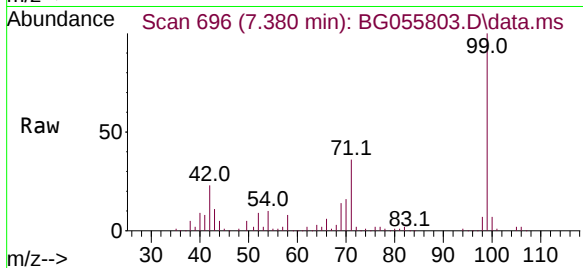
#7
Phenol-d6
Concen: 144.860 ng
RT: 7.380 min Scan# 698
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Instrument :
BNA_G
ClientSampleId :
PB149281BS

Tgt Ion: 99 Resp: 437189
Ion Ratio Lower Upper
99 100
42 23.2 18.0 27.0
71 36.2 29.0 43.6

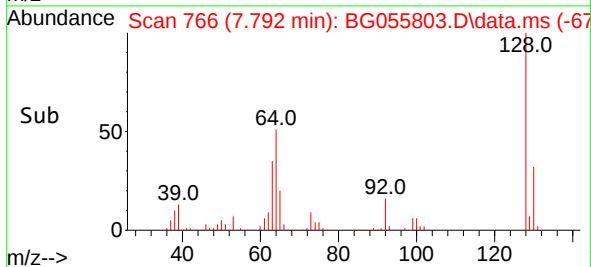
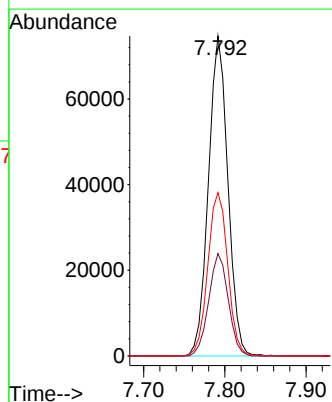
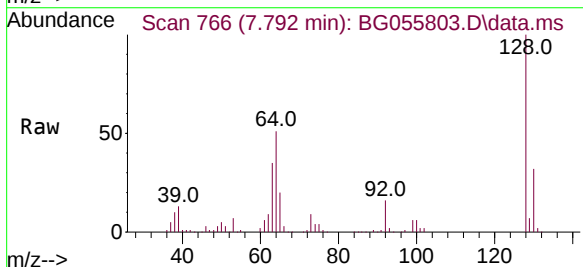
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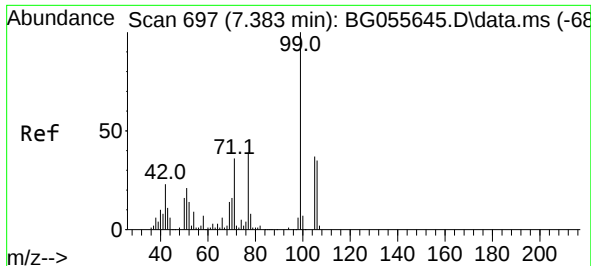
Reviewed By :Christian Giraldo 11/29/2022
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#8
2-Chlorophenol
Concen: 47.954 ng
RT: 7.792 min Scan# 766
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

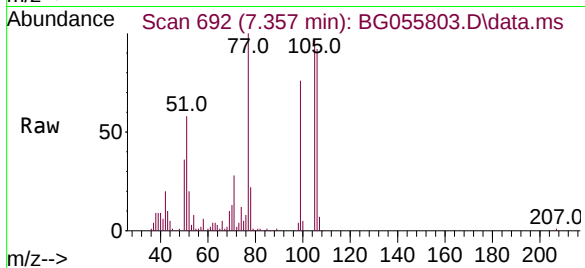
Tgt Ion:128 Resp: 124288
Ion Ratio Lower Upper
128 100
130 32.0 13.1 53.1
64 51.0 30.2 70.2





#9
Benzaldehyde
Concen: 34.344 ng
RT: 7.357 min Scan# 697
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

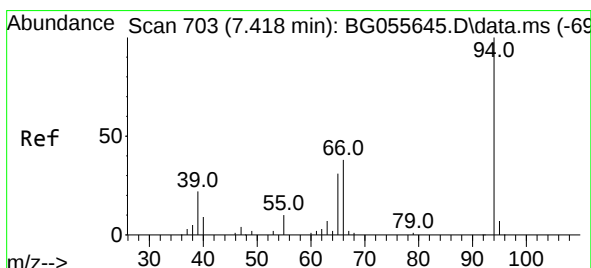
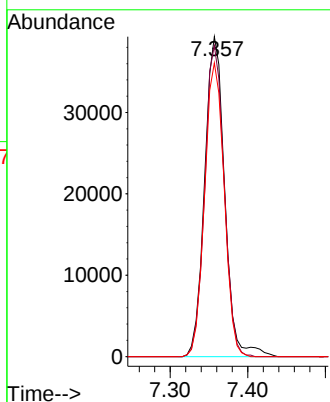
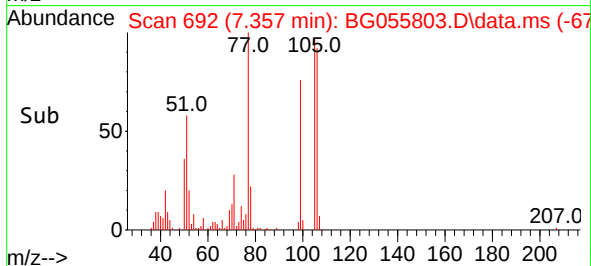
Instrument :
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ClientSampleId :
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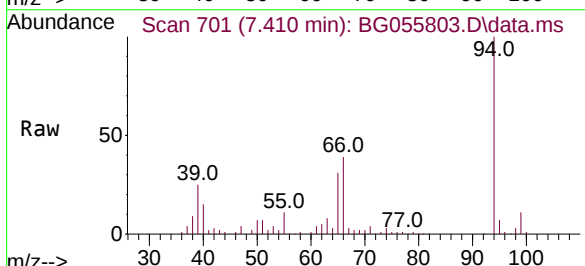
Tgt Ion: 77 Resp: 70393
Ion Ratio Lower Upper
77 100
105 97.2 76.3 116.3
106 91.8 69.8 109.8

Manual Integrations
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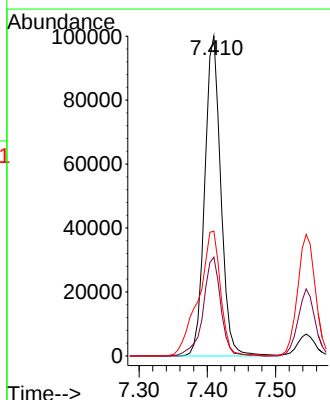
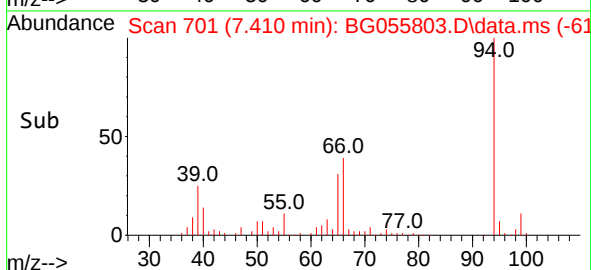
Reviewed By :Christian Giraldo 11/29/2022
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#10
Phenol
Concen: 48.264 ng
RT: 7.410 min Scan# 701
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25



Tgt Ion: 94 Resp: 163095
Ion Ratio Lower Upper
94 100
65 30.9 11.8 51.8
66 39.0 20.5 60.5





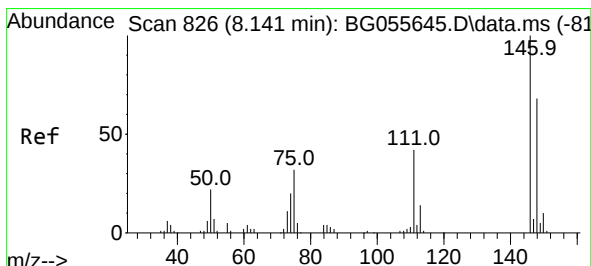
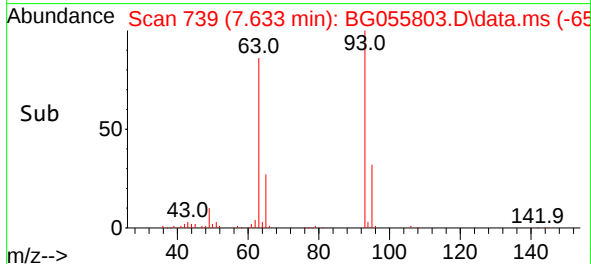
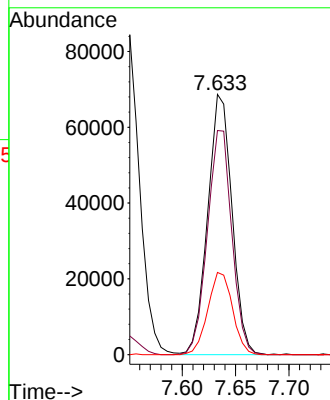
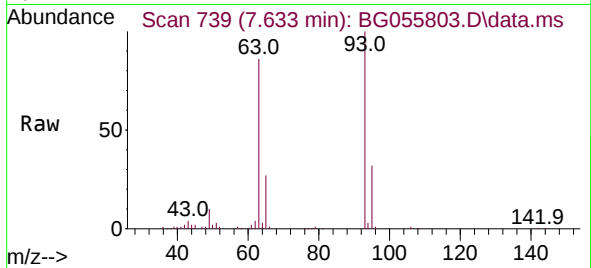
#11
bis(2-Chloroethyl)ether
Concen: 42.061 ng
RT: 7.633 min Scan# 744
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Instrument :
BNA_G
ClientSampleId :
PB149281BS

Tgt Ion: 93 Resp: 108926
Ion Ratio Lower Upper
93 100
63 86.1 67.6 107.6
95 31.6 11.8 51.8

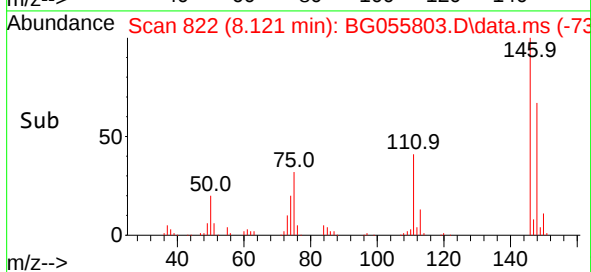
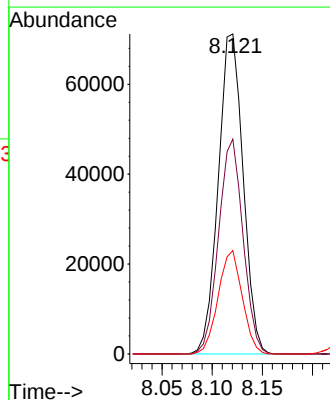
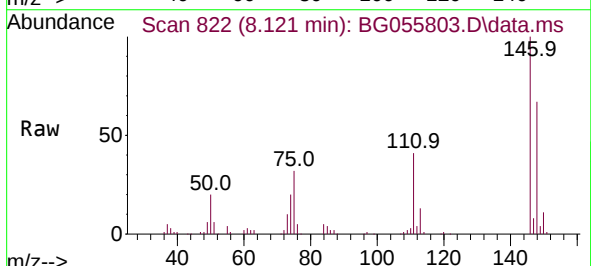
Manual Integrations
APPROVED

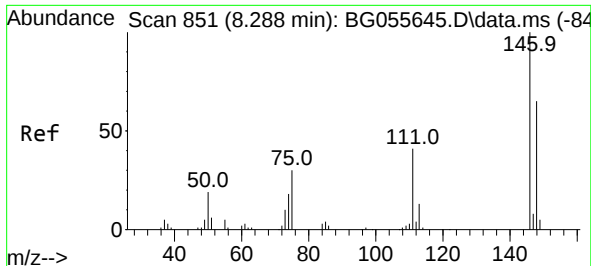
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#12
1,3-Dichlorobenzene
Concen: 40.315 ng
RT: 8.121 min Scan# 822
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

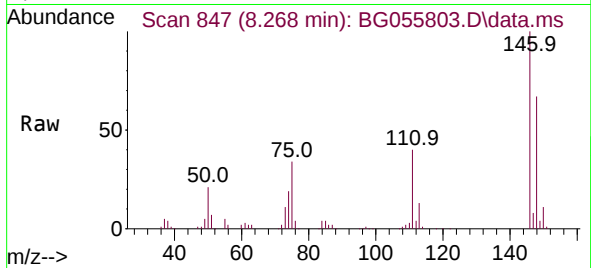
Tgt Ion:146 Resp: 122849
Ion Ratio Lower Upper
146 100
148 67.1 54.6 81.8
75 32.3 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 40.450 ng
RT: 8.268 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

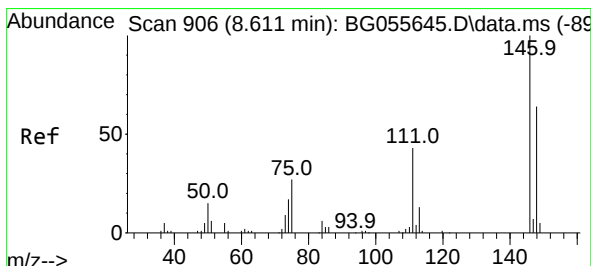
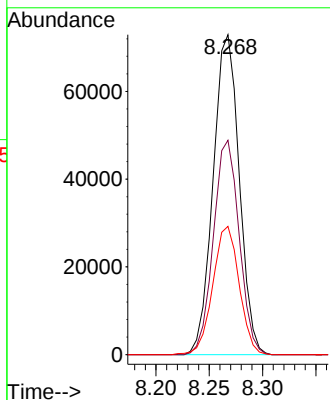
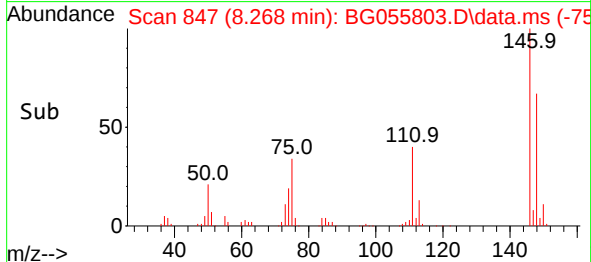
Instrument :
BNA_G
ClientSampleId :
PB149281BS



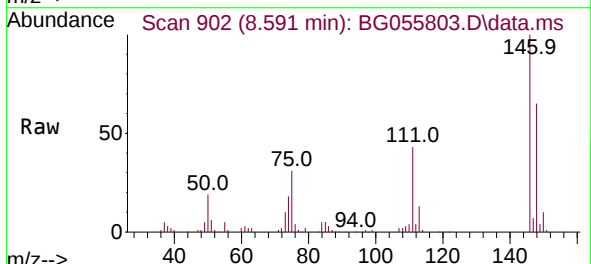
Tgt Ion:146 Resp: 124554
Ion Ratio Lower Upper
146 100
148 67.0 52.1 78.1
111 40.1 33.0 49.4

Manual Integrations
APPROVED

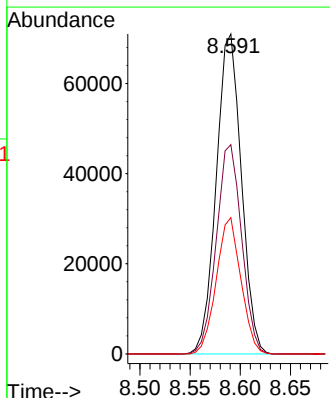
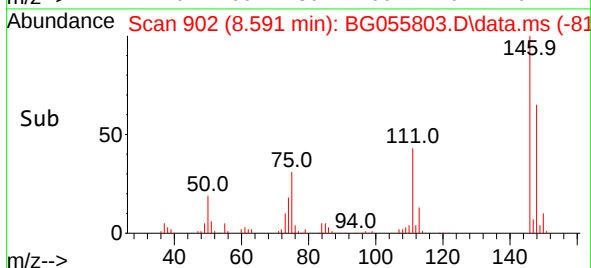
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

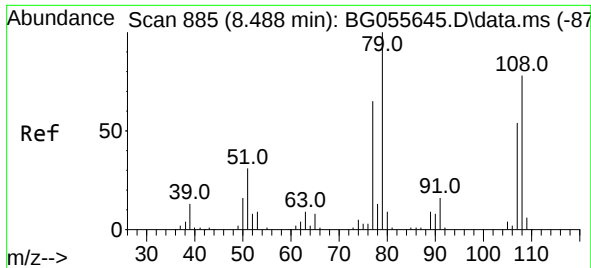


#14
1,2-Dichlorobenzene
Concen: 41.971 ng
RT: 8.591 min Scan# 902
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25



Tgt Ion:146 Resp: 123844
Ion Ratio Lower Upper
146 100
148 65.4 50.9 76.3
111 42.6 34.5 51.7





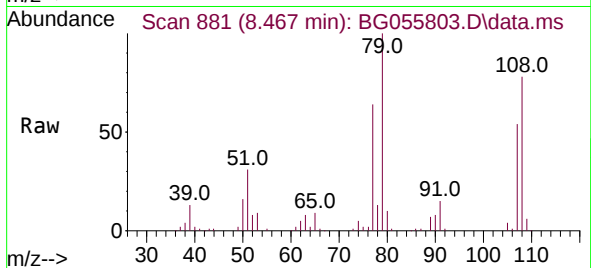
#15
Benzyl Alcohol
Concen: 47.116 ng m
RT: 8.467 min Scan# 881
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Instrument :

BNA_G

ClientSampleId :

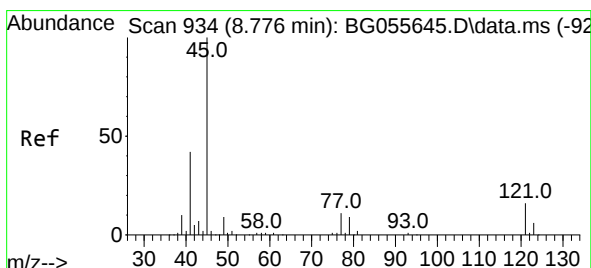
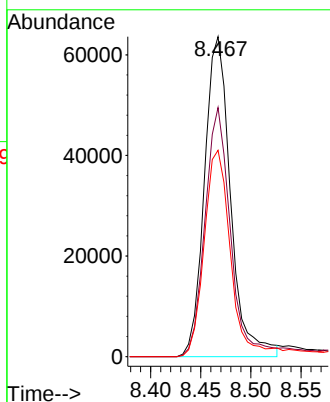
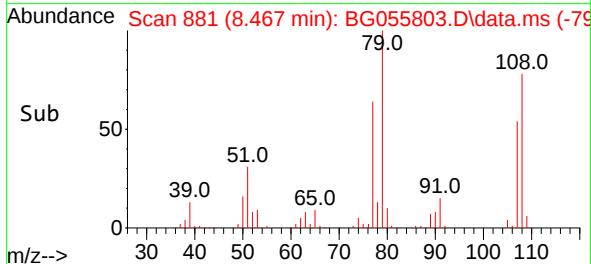
PB149281BS



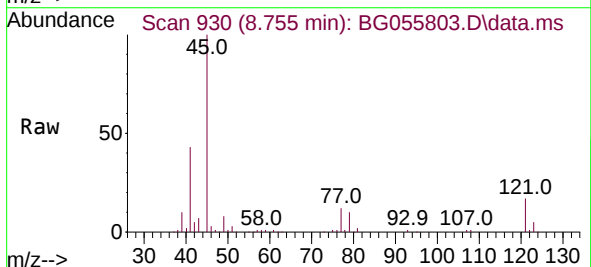
Tgt Ion: 79 Resp: 11556
Ion Ratio Lower Upper
79 100
108 77.8 62.6 93.8
77 64.5 52.4 78.6

Manual Integrations
APPROVED

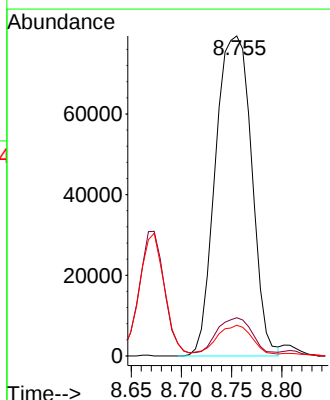
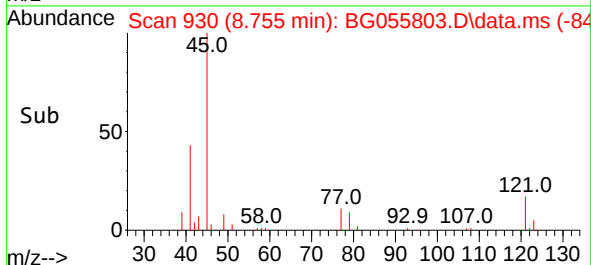
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

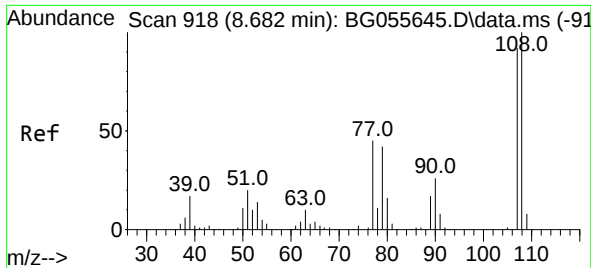


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.367 ng
RT: 8.755 min Scan# 930
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25



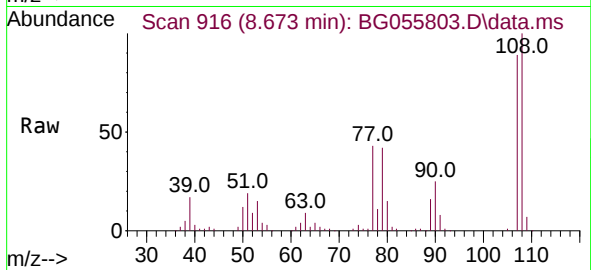
Tgt Ion: 45 Resp: 198620
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.7
79 9.6 0.0 29.5





#17
2-Methylphenol
Concen: 46.895 ng
RT: 8.673 min Scan# 918
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

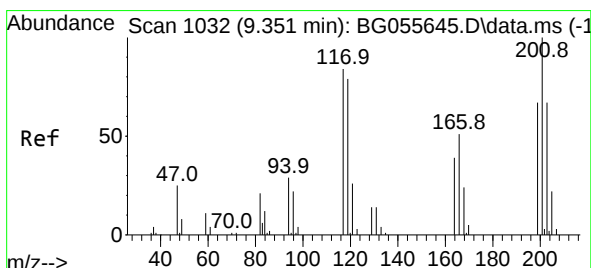
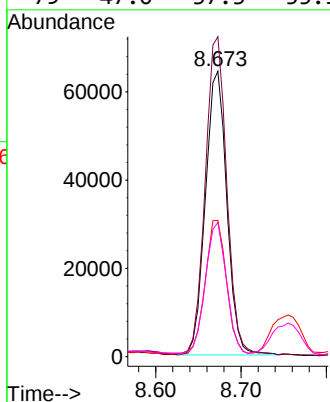
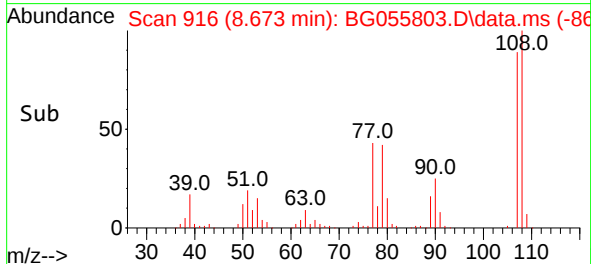
Instrument :
BNA_G
ClientSampleId :
PB149281BS



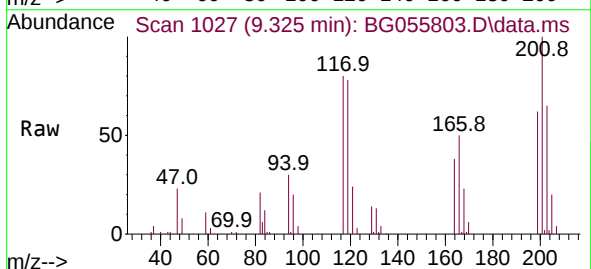
Tgt Ion:107 Resp: 112508
Ion Ratio Lower Upper
107 100
108 112.1 87.3 130.9
77 47.8 39.4 59.0
79 47.0 37.3 55.9

Manual Integrations
APPROVED

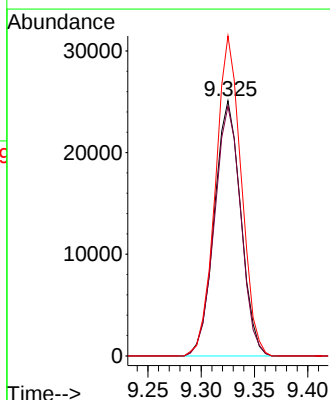
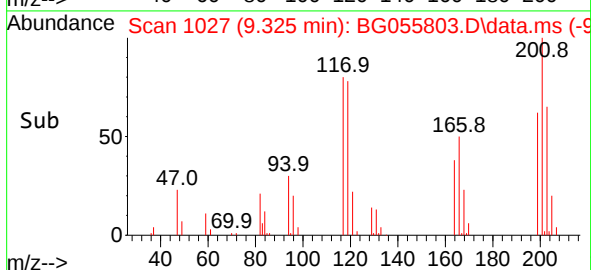
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

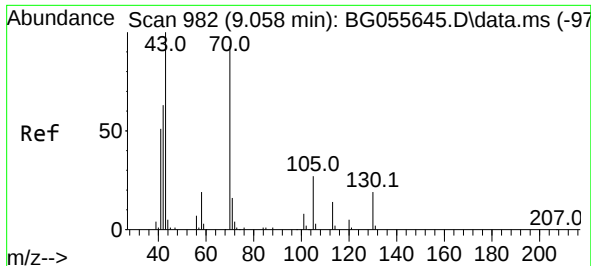


#18
Hexachloroethane
Concen: 40.880 ng
RT: 9.325 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25



Tgt Ion:117 Resp: 43326
Ion Ratio Lower Upper
117 100
119 97.8 76.0 114.0
201 125.4 98.6 148.0





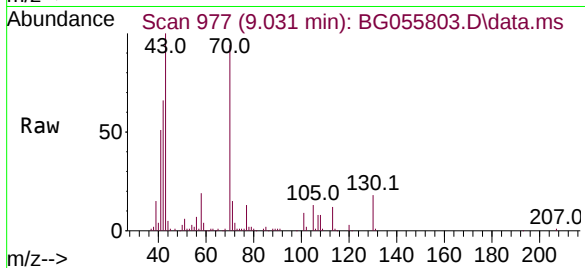
#19
n-Nitroso-di-n-propylamine
Concen: 43.131 ng
RT: 9.031 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Instrument :

BNA_G

ClientSampleId :

PB149281BS

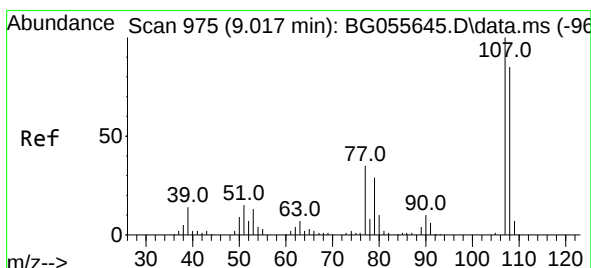
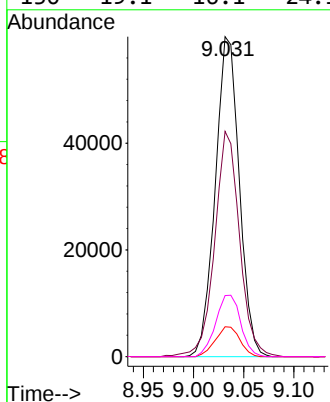
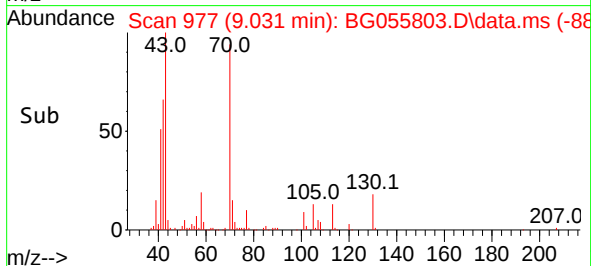


Tgt Ion: 70 Resp: 100015
Ion Ratio Lower Upper
70 100
42 70.4 55.2 82.8
101 9.3 7.1 10.7
130 19.1 16.1 24.1

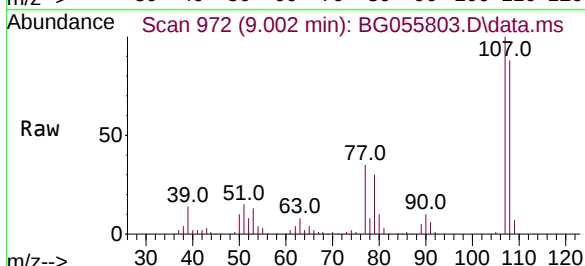
Manual Integrations

APPROVED

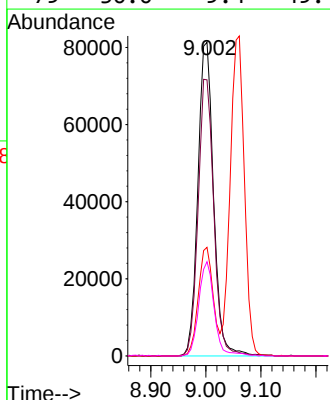
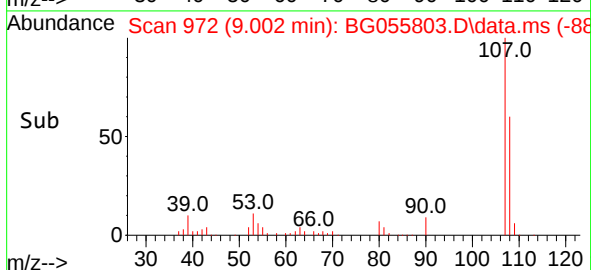
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

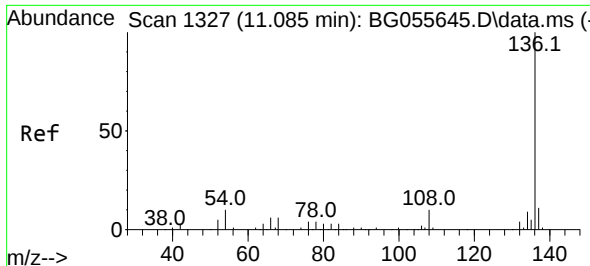


#20
3+4-Methylphenols
Concen: 48.040 ng
RT: 9.002 min Scan# 972
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25



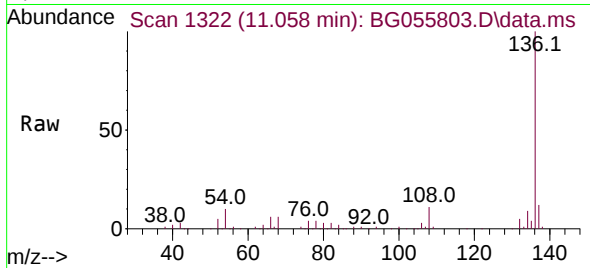
Tgt Ion:107 Resp: 161001
Ion Ratio Lower Upper
107 100
108 88.0 65.5 105.5
77 34.6 14.6 54.6
79 30.0 9.4 49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.058 min Scan# 1327
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

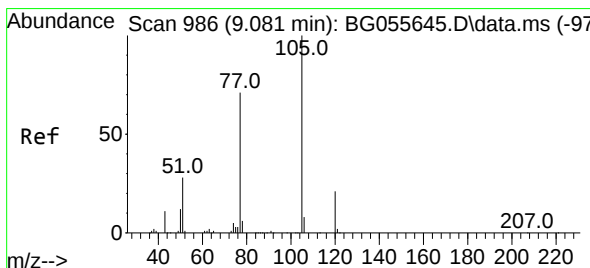
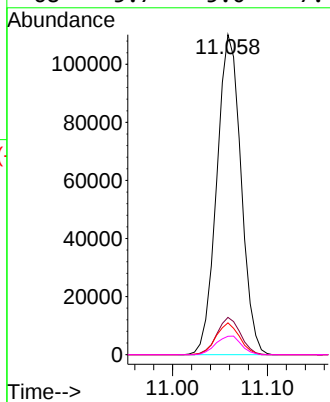
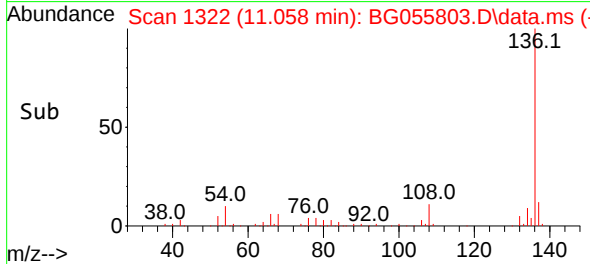
Instrument :
BNA_G
ClientSampleId :
PB149281BS



Tgt Ion:136 Resp: 195478
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 9.9 7.8 11.6
68 5.7 5.0 7.4

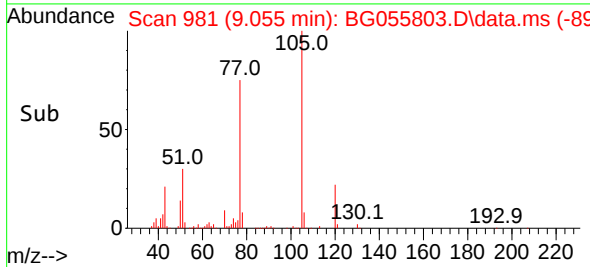
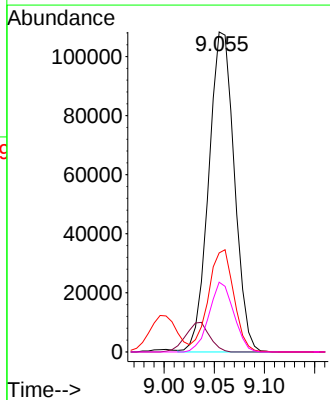
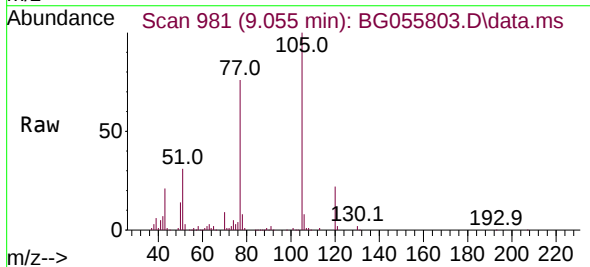
Manual Integrations
APPROVED

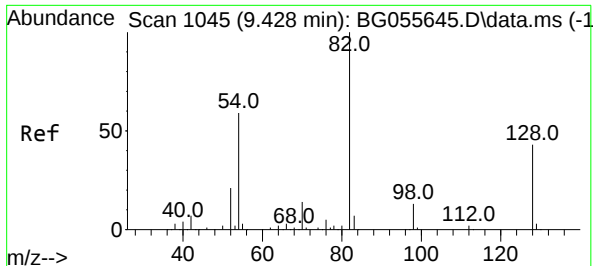
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#22
Acetophenone
Concen: 37.917 ng
RT: 9.055 min Scan# 981
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Tgt Ion:105 Resp: 192597
Ion Ratio Lower Upper
105 100
71 1.3 0.6 1.0#
51 30.9 24.5 36.7
120 21.8 16.6 25.0





#23

Nitrobenzene-d5

Concen: 72.687 ng

RT: 9.407 min Scan# 1045

Delta R.T. 0.001 min

Lab File: BG055803.D

Acq: 28 Nov 2022 13:25

Instrument :

BNA_G

ClientSampleId :

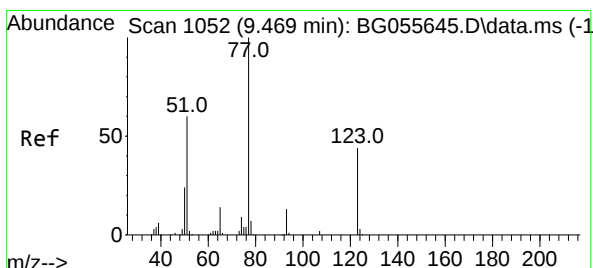
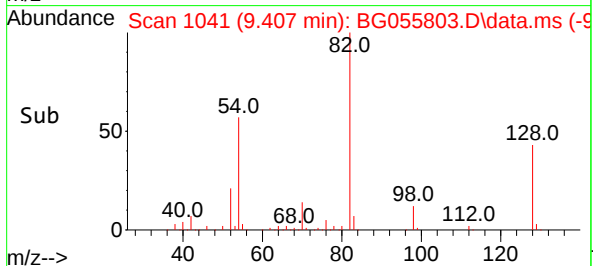
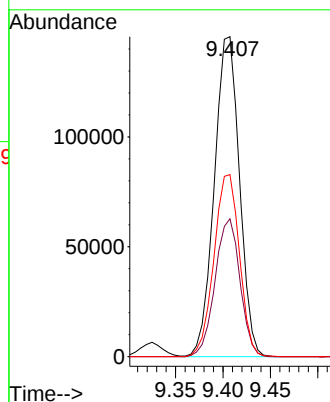
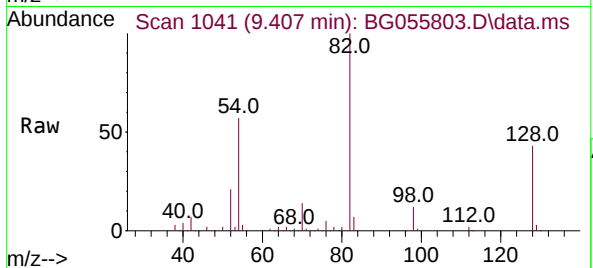
PB149281BS

Tgt Ion: 82 Resp: 268825
 Ion Ratio Lower Upper
 82 100
 128 43.1 34.1 51.1
 54 56.9 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/29/2022
 Supervised By :Jagrut Upadhyay 11/29/2022



#24

Nitrobenzene

Concen: 37.261 ng

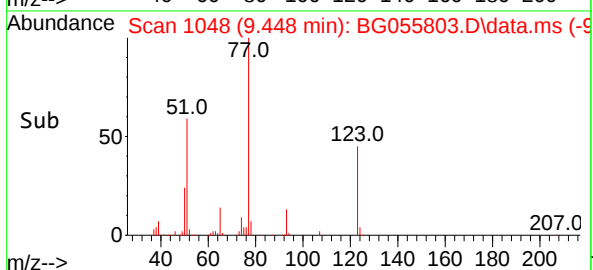
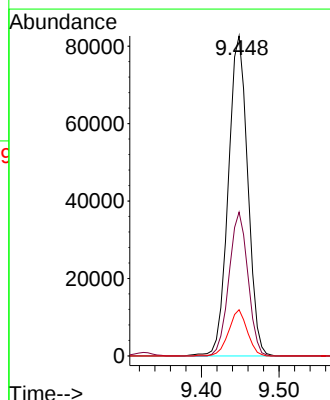
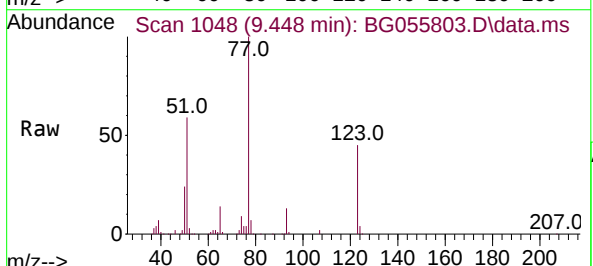
RT: 9.448 min Scan# 1048

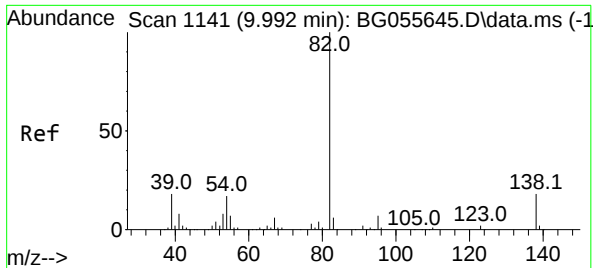
Delta R.T. 0.001 min

Lab File: BG055803.D

Acq: 28 Nov 2022 13:25

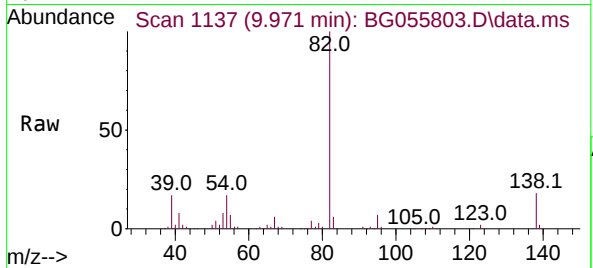
Tgt Ion: 77 Resp: 143943
 Ion Ratio Lower Upper
 77 100
 123 44.9 35.5 53.3
 65 14.4 11.5 17.3





#25
Isophorone
Concen: 41.019 ng
RT: 9.971 min Scan# 1141
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

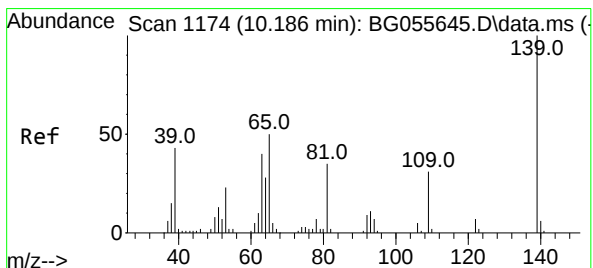
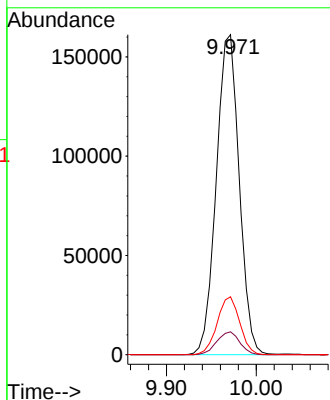
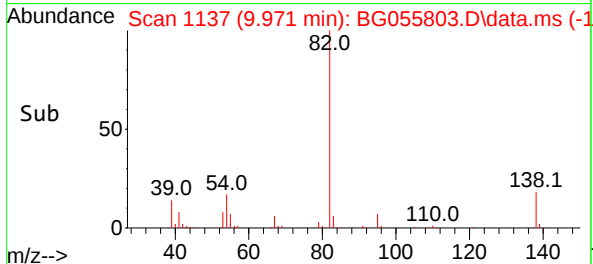
Instrument :
BNA_G
ClientSampleId :
PB149281BS



Tgt Ion: 82 Resp: 287438
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 18.1 14.2 21.4

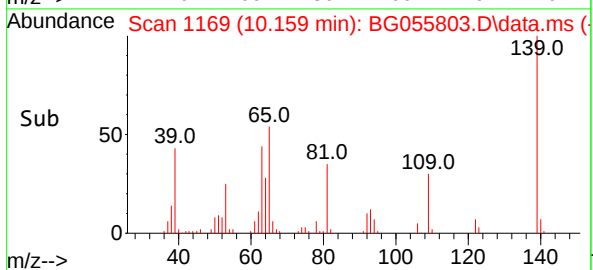
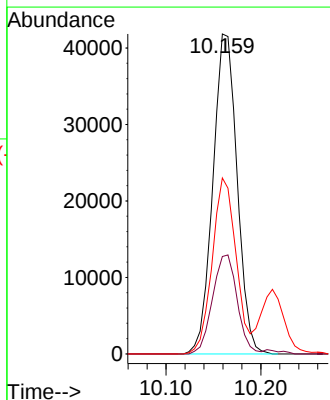
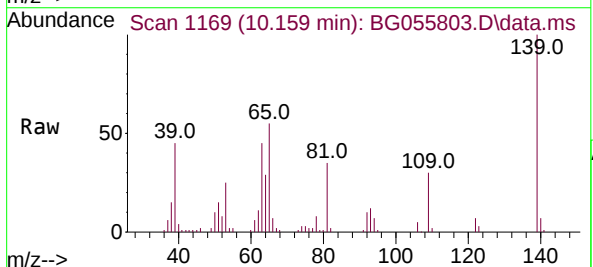
Manual Integrations
APPROVED

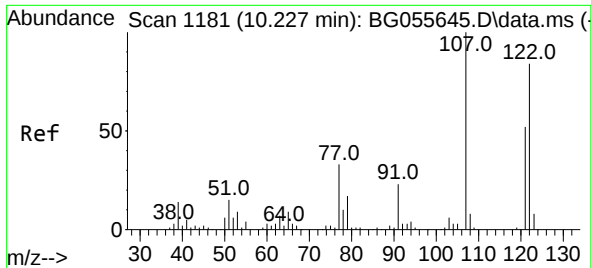
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#26
2-Nitrophenol
Concen: 41.687 ng
RT: 10.159 min Scan# 1169
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Tgt Ion:139 Resp: 74341
Ion Ratio Lower Upper
139 100
109 30.4 24.4 36.6
65 55.0 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 48.544 ng m

RT: 10.212 min Scan# 1181

Delta R.T. 0.001 min

Lab File: BG055803.D

Acq: 28 Nov 2022 13:25

Instrument :

BNA_G

ClientSampleId :

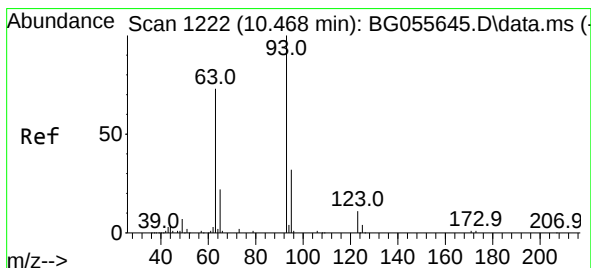
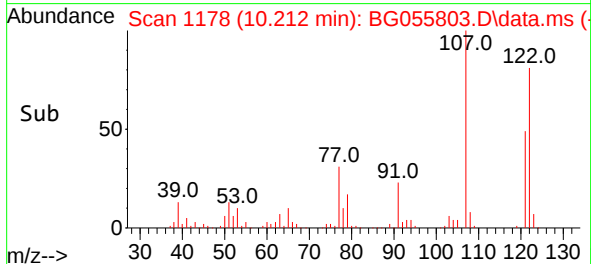
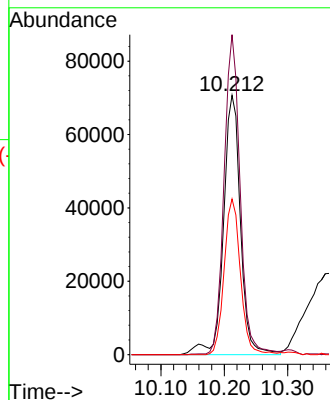
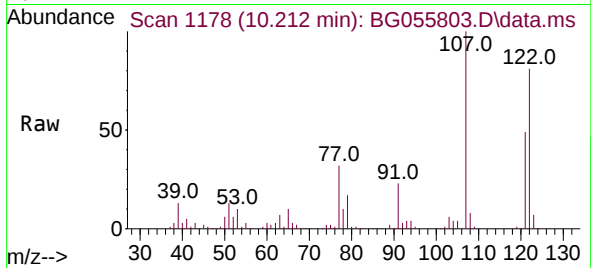
PB149281BS

Tgt Ion:122 Resp: 131756
 Ion Ratio Lower Upper
 122 100
 107 123.4 95.8 143.6
 121 60.1 49.6 74.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/29/2022
 Supervised By :Jagrut Upadhyay 11/29/2022



#28

bis(2-Chloroethoxy)methane

Concen: 43.015 ng

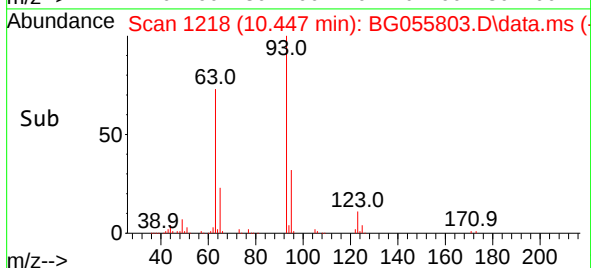
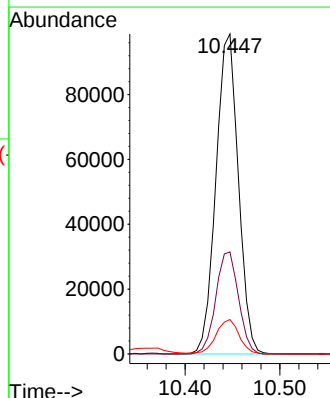
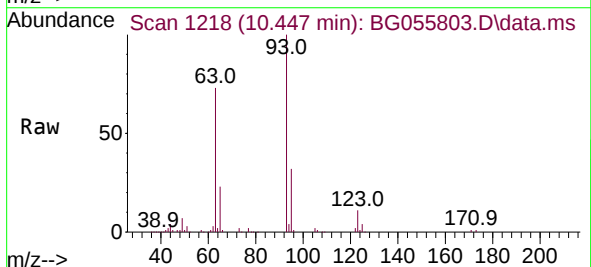
RT: 10.447 min Scan# 1218

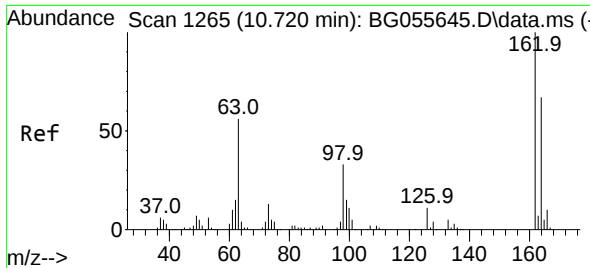
Delta R.T. 0.001 min

Lab File: BG055803.D

Acq: 28 Nov 2022 13:25

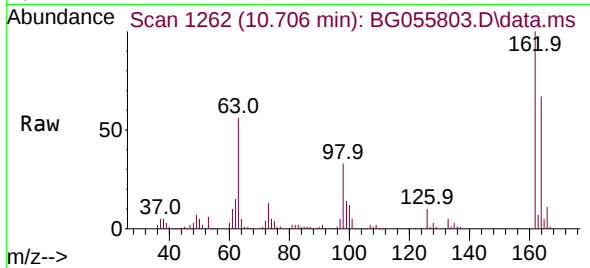
Tgt Ion: 93 Resp: 161820
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.7 38.5
 123 10.7 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 42.509 ng
RT: 10.706 min Scan# 1262
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

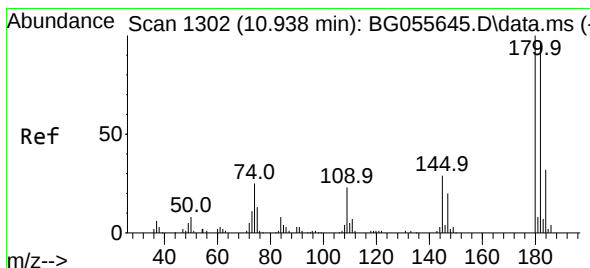
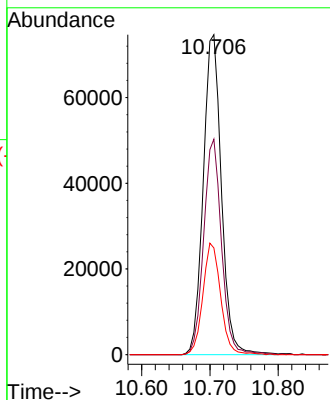
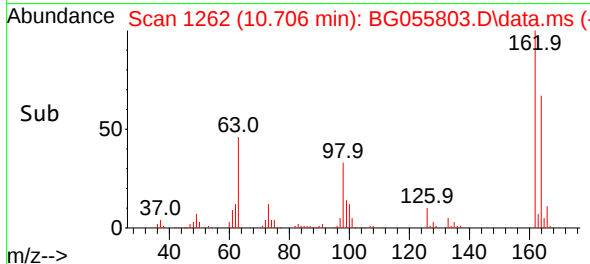
Instrument :
BNA_G
ClientSampleId :
PB149281BS



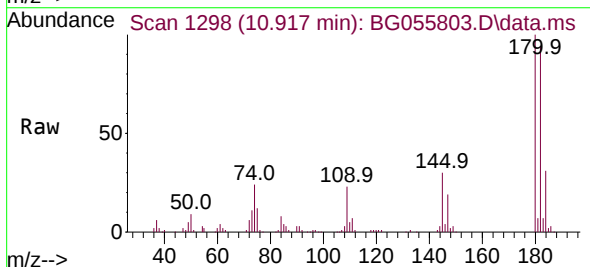
Tgt Ion:162 Resp: 138096
Ion Ratio Lower Upper
162 100
164 67.3 46.7 86.7
98 33.3 12.8 52.8

Manual Integrations
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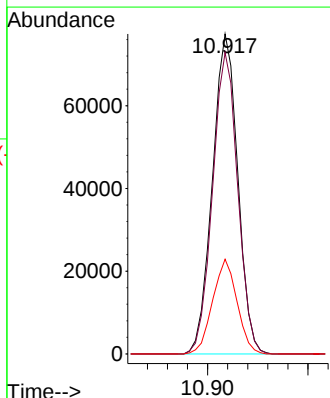
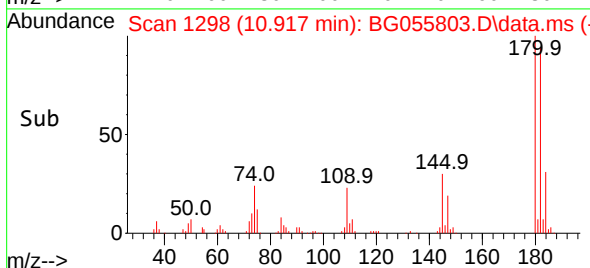
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

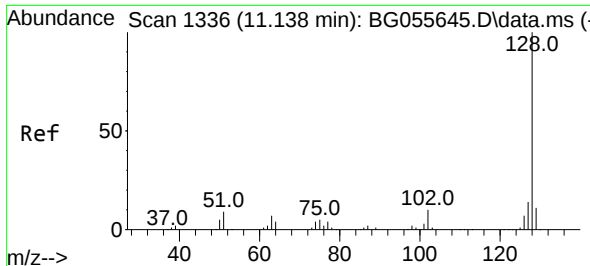


#30
1,2,4-Trichlorobenzene
Concen: 35.911 ng
RT: 10.917 min Scan# 1298
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25



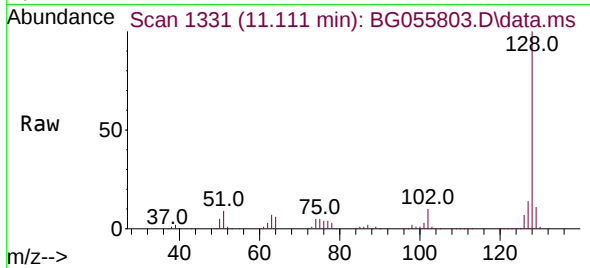
Tgt Ion:180 Resp: 135535
Ion Ratio Lower Upper
180 100
182 94.1 77.1 115.7
145 29.6 22.9 34.3





#31
Naphthalene
Concen: 36.481 ng
RT: 11.111 min Scan# 1336
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

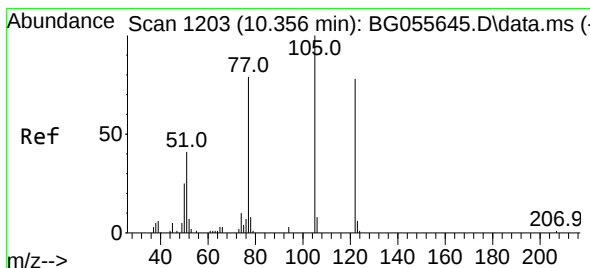
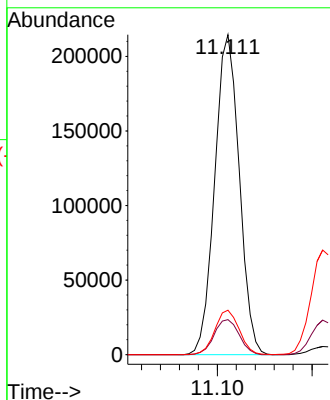
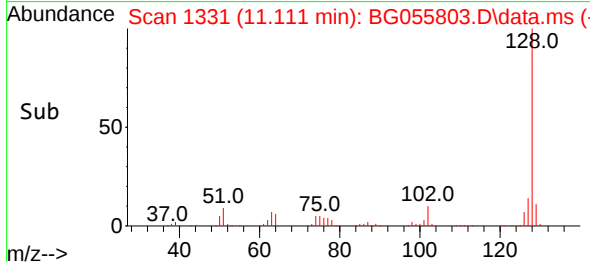
Instrument :
BNA_G
ClientSampleId :
PB149281BS



Tgt Ion:128 Resp: 385506
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.9 10.9 16.3

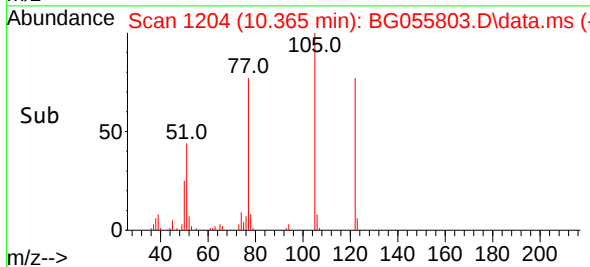
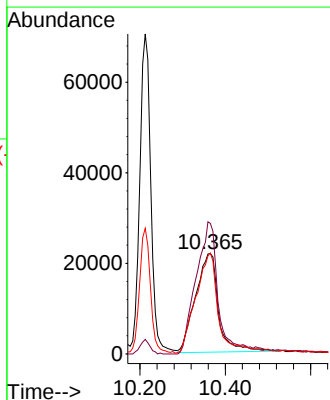
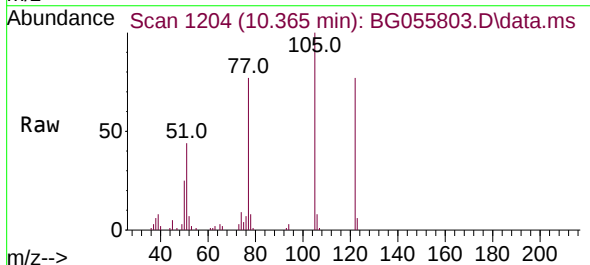
Manual Integrations
APPROVED

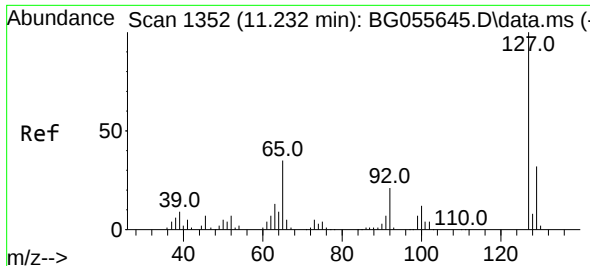
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#32
Benzoic acid
Concen: 36.692 ng
RT: 10.365 min Scan# 1204
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Tgt Ion:122 Resp: 81933
Ion Ratio Lower Upper
122 100
105 130.1 104.3 144.3
77 100.7 79.9 119.9





#33
4-Chloroaniline
Concen: 31.099 ng
RT: 11.211 min Scan# 1352
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Instrument :

BNA_G

ClientSampleId :

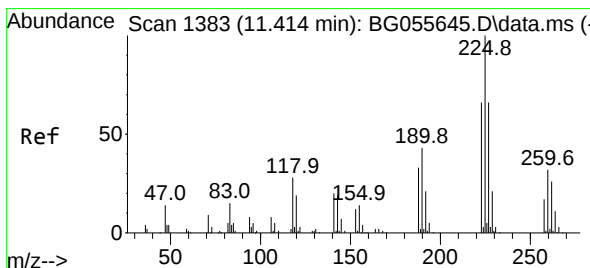
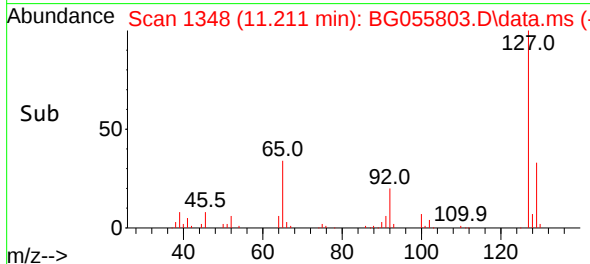
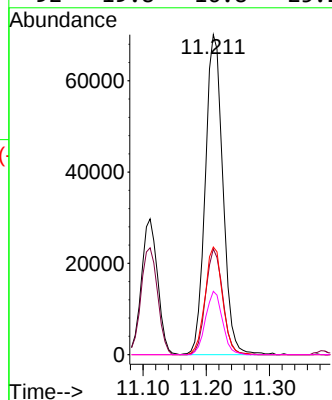
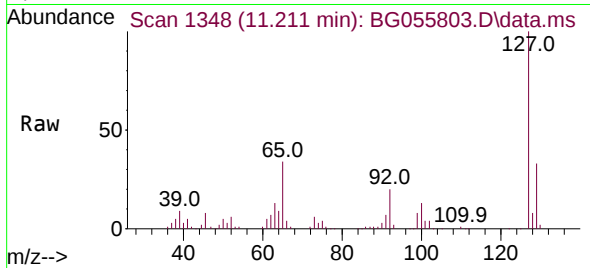
PB149281BS

Tgt Ion:127 Resp: 135566
Ion Ratio Lower Upper
127 100
129 33.0 25.9 38.9
65 33.6 27.9 41.9
92 19.8 16.8 25.2

Manual Integrations

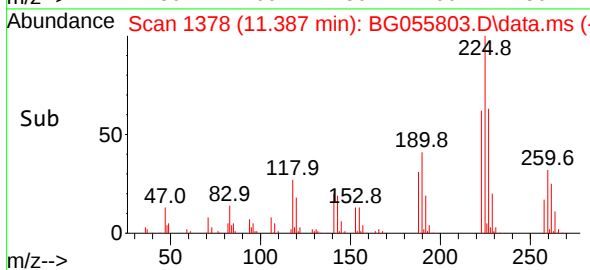
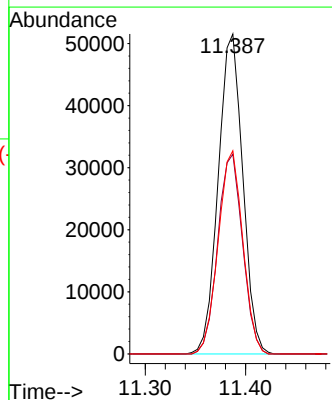
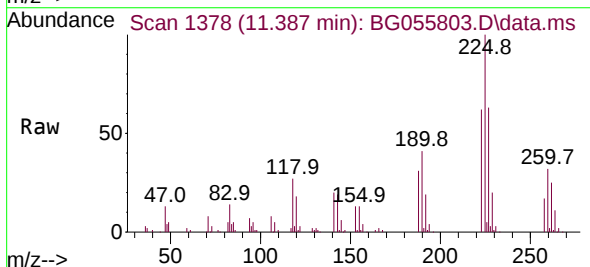
APPROVED

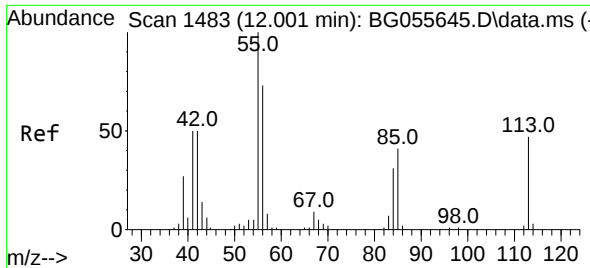
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#34
Hexachlorobutadiene
Concen: 33.988 ng
RT: 11.387 min Scan# 1378
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Tgt Ion:225 Resp: 87590
Ion Ratio Lower Upper
225 100
223 62.5 52.9 79.3
227 63.5 52.6 79.0





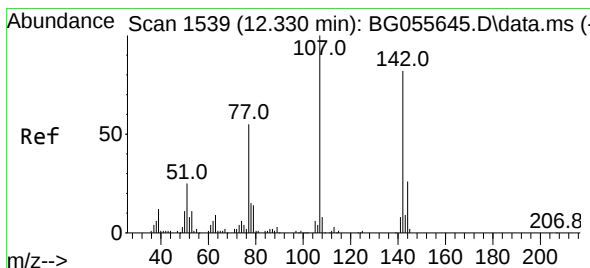
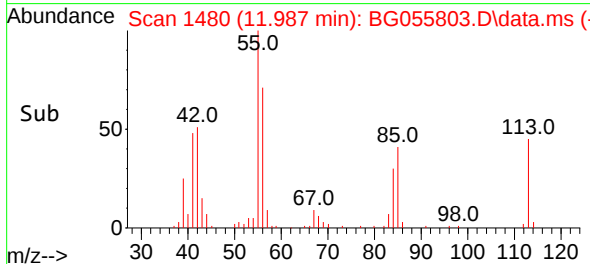
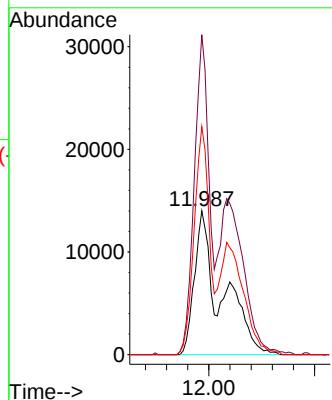
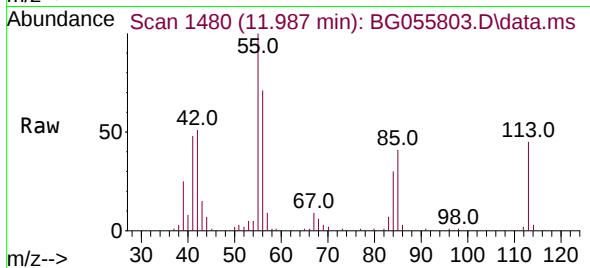
#35
Caprolactam
Concen: 43.840 ng m
RT: 11.987 min Scan# 14
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Instrument :
BNA_G
ClientSampleId :
PB149281BS

Tgt Ion:113 Resp: 49284
Ion Ratio Lower Upper
113 100
55 222.7 193.5 233.5
56 158.6 135.2 175.2

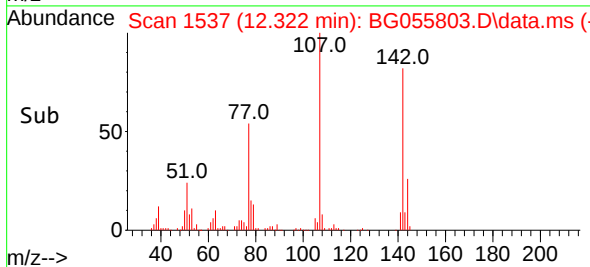
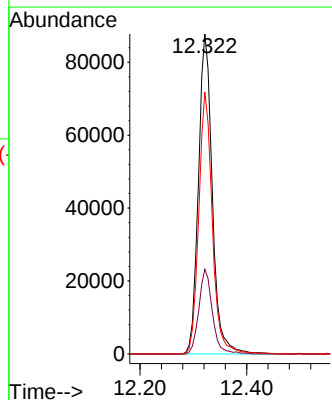
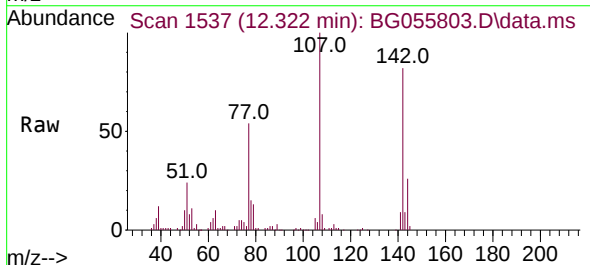
Manual Integrations
APPROVED

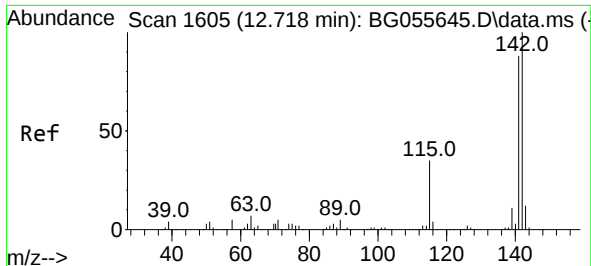
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#36
4-Chloro-3-methylphenol
Concen: 44.351 ng
RT: 12.322 min Scan# 1537
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

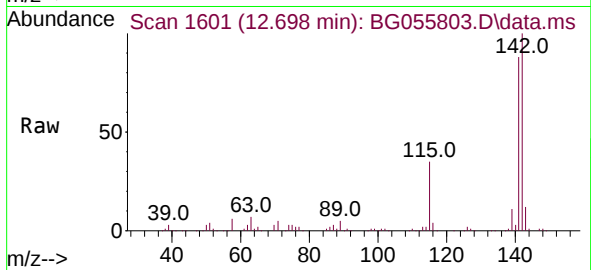
Tgt Ion:107 Resp: 158358
Ion Ratio Lower Upper
107 100
144 26.4 21.0 31.4
142 81.8 65.9 98.9





#37
2-Methylnaphthalene
Concen: 37.805 ng
RT: 12.698 min Scan# 1601
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

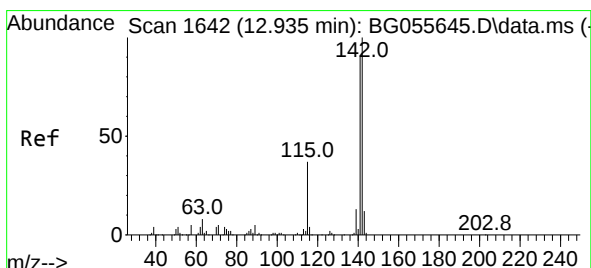
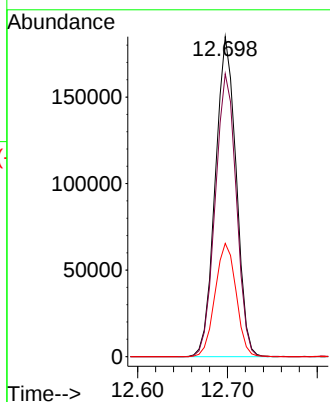
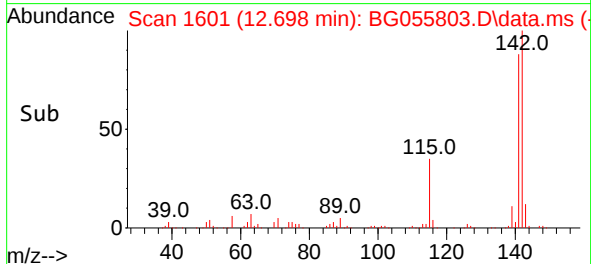
Instrument :
BNA_G
ClientSampleId :
PB149281BS



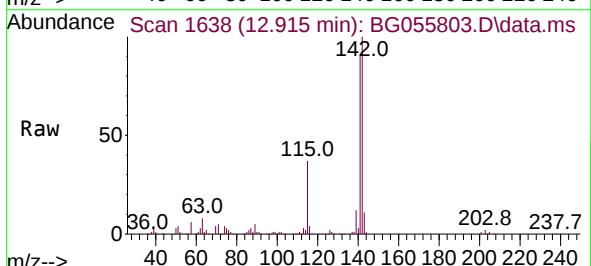
Tgt Ion:142 Resp: 299115
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5
115 35.4 27.9 41.9

Manual Integrations
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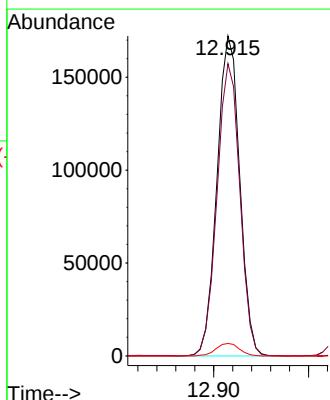
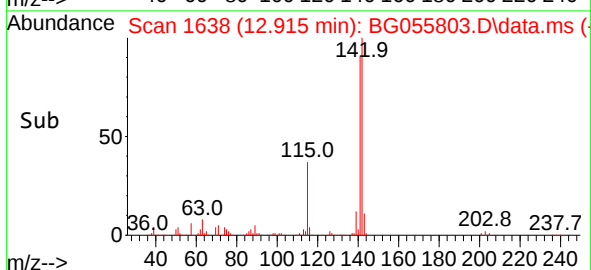
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

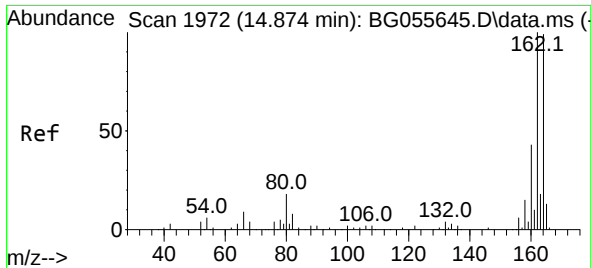


#38
1-Methylnaphthalene
Concen: 37.250 ng
RT: 12.915 min Scan# 1638
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25



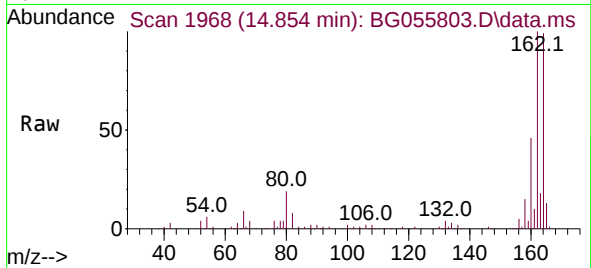
Tgt Ion:142 Resp: 286116
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.4
116 3.9 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.854 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

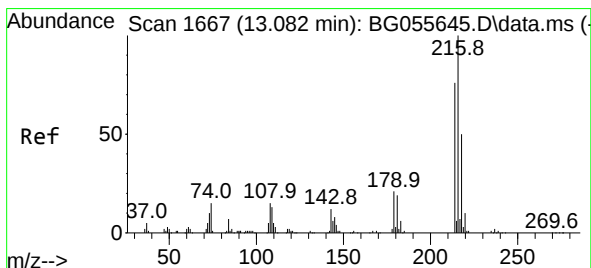
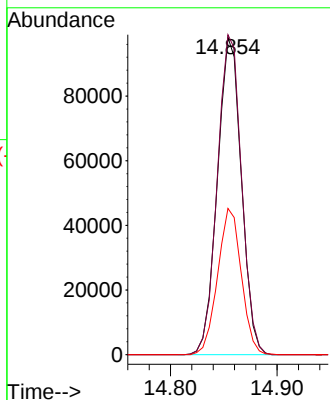
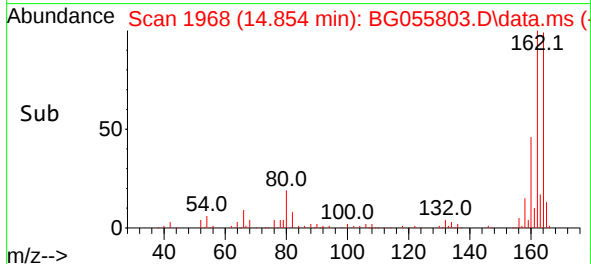
Instrument :
BNA_G
ClientSampleId :
PB149281BS



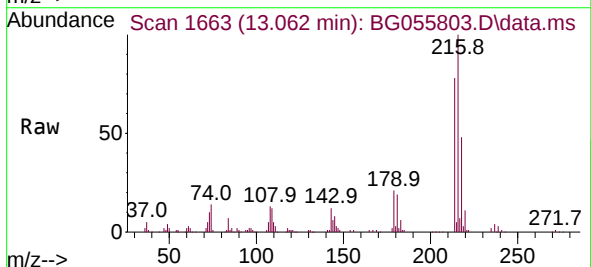
Tgt Ion:164 Resp: 153253
Ion Ratio Lower Upper
164 100
162 100.9 81.1 121.7
160 46.1 34.8 52.2

Manual Integrations
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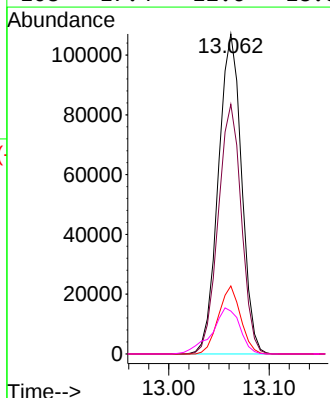
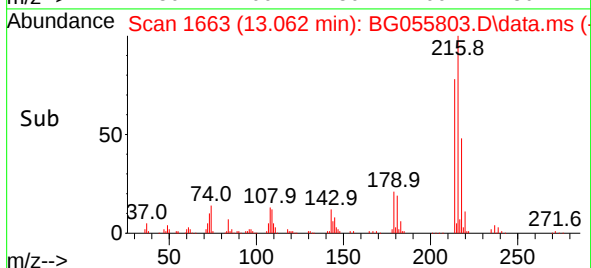
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

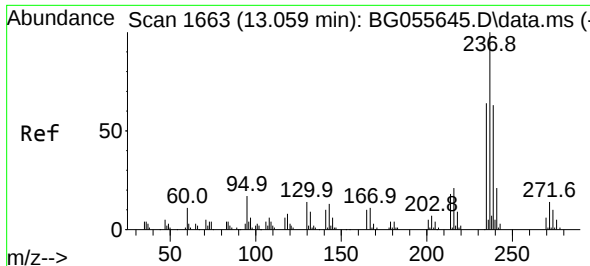


#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.801 ng
RT: 13.062 min Scan# 1663
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25



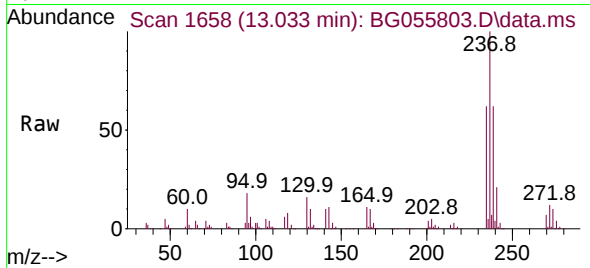
Tgt Ion:216 Resp: 172419
Ion Ratio Lower Upper
216 100
214 77.5 62.1 93.1
179 20.2 16.5 24.7
108 17.4 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 78.614 ng
RT: 13.033 min Scan# 1663
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

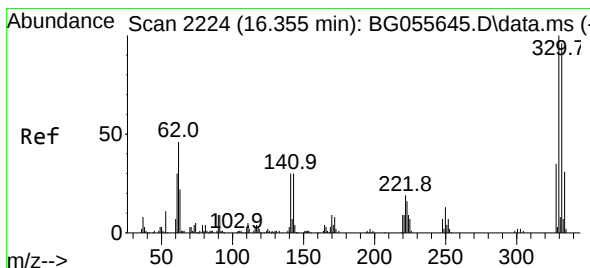
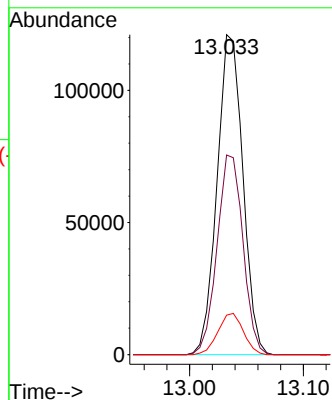
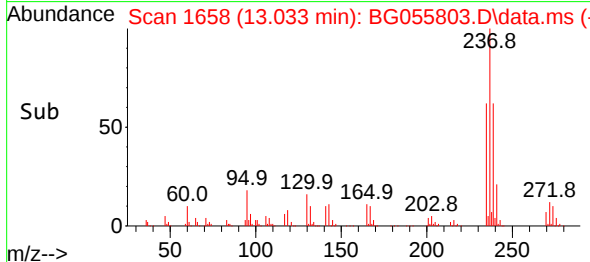
Instrument :
BNA_G
ClientSampleId :
PB149281BS



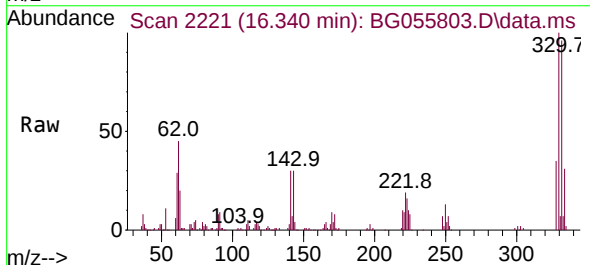
Tgt Ion:237 Resp: 190820
Ion Ratio Lower Upper
237 100
235 62.4 43.7 83.7
272 12.3 0.0 33.6

Manual Integrations
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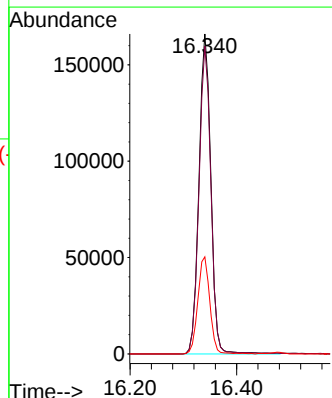
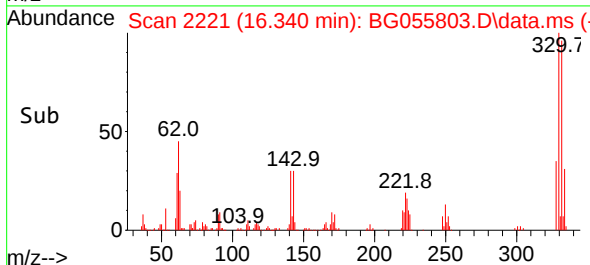
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

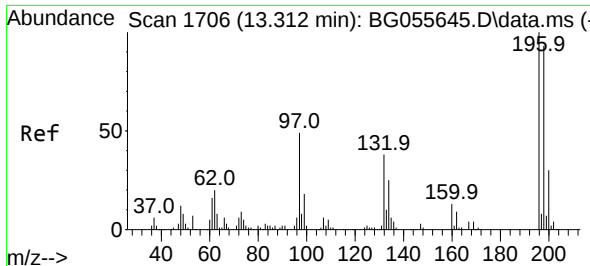


#42
2,4,6-Tribromophenol
Concen: 118.822 ng
RT: 16.340 min Scan# 2221
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25



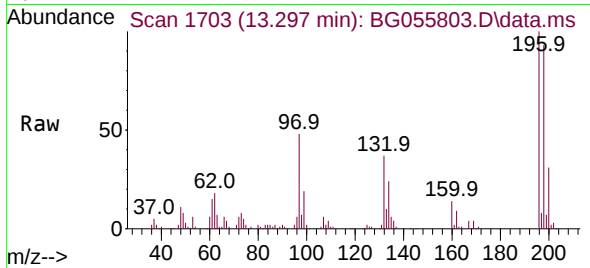
Tgt Ion:330 Resp: 256417
Ion Ratio Lower Upper
330 100
332 95.9 77.8 116.8
141 30.6 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 37.869 ng
RT: 13.297 min Scan# 1715
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

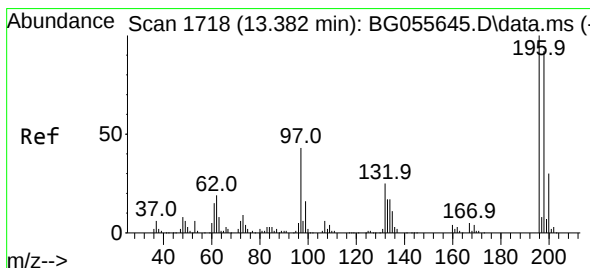
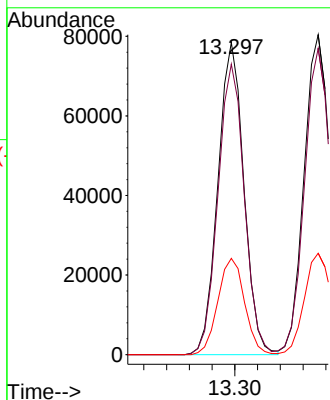
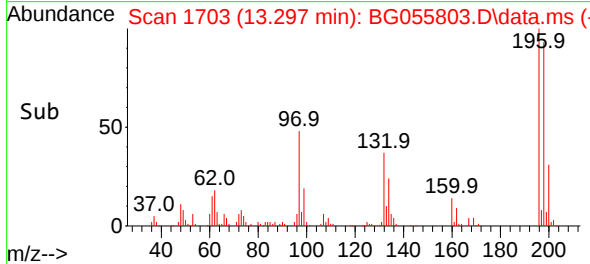
Instrument :
BNA_G
ClientSampleId :
PB149281BS



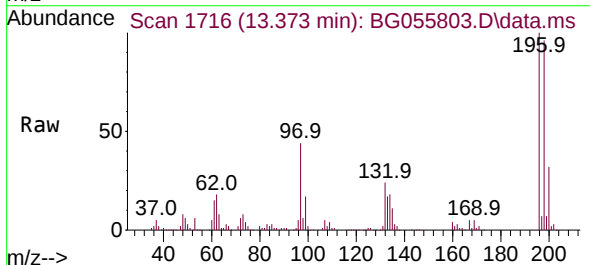
Tgt Ion:196 Resp: 124408
Ion Ratio Lower Upper
196 100
198 93.0 74.6 112.0
200 30.8 23.7 35.5

Manual Integrations
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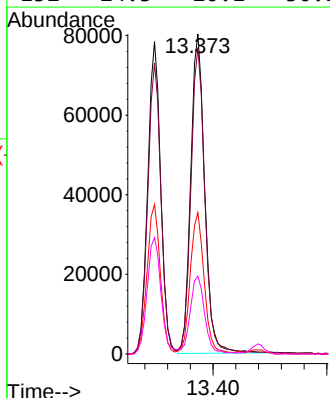
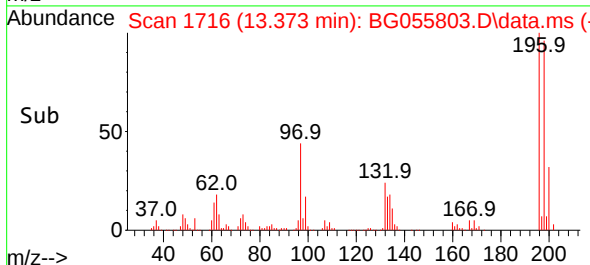
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

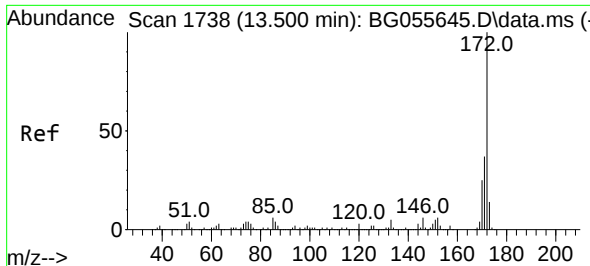


#44
2,4,5-Trichlorophenol
Concen: 37.919 ng
RT: 13.373 min Scan# 1716
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25



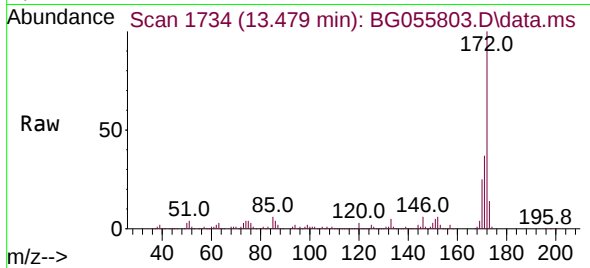
Tgt Ion:196 Resp: 136895
Ion Ratio Lower Upper
196 100
198 95.7 74.1 111.1
97 44.1 34.8 52.2
132 24.3 20.1 30.1





#45
2-Fluorobiphenyl
Concen: 68.945 ng
RT: 13.479 min Scan# 1734
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

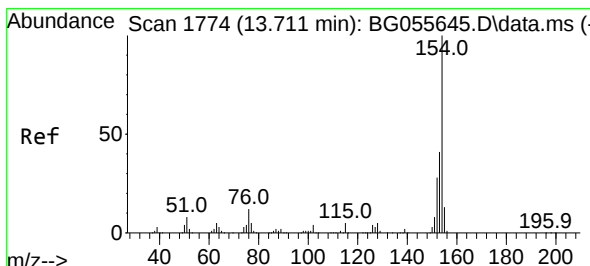
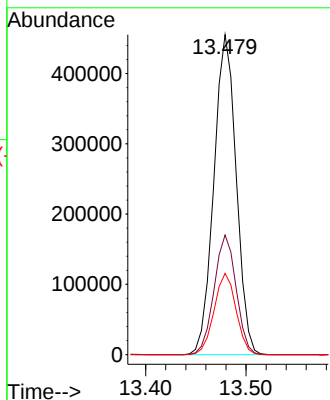
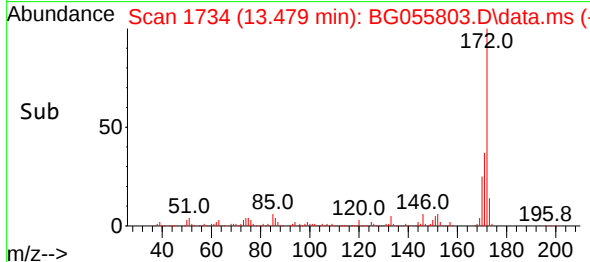
Instrument :
BNA_G
ClientSampleId :
PB149281BS



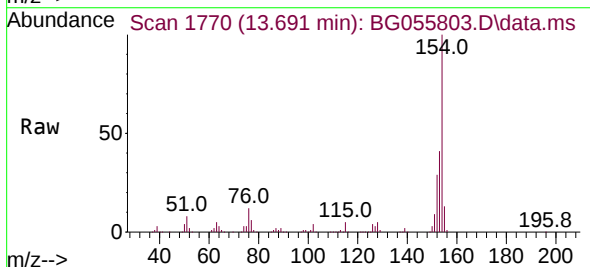
Tgt Ion:172 Resp: 705282
Ion Ratio Lower Upper
172 100
171 37.4 29.8 44.6
170 25.4 20.2 30.4

Manual Integrations
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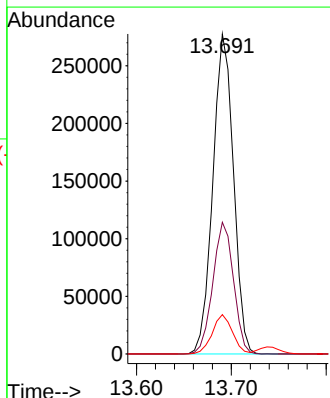
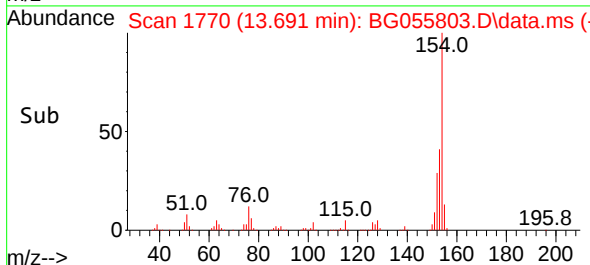
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

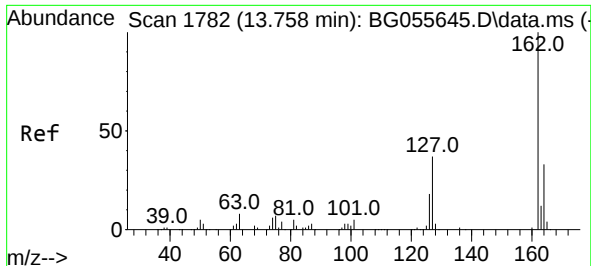


#46
1,1'-Biphenyl
Concen: 37.460 ng
RT: 13.691 min Scan# 1770
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25



Tgt Ion:154 Resp: 418350
Ion Ratio Lower Upper
154 100
153 41.2 20.6 60.6
76 12.3 0.0 32.4





#47
2-Chloronaphthalene
Concen: 36.270 ng
RT: 13.743 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Instrument :

BNA_G

ClientSampleId :

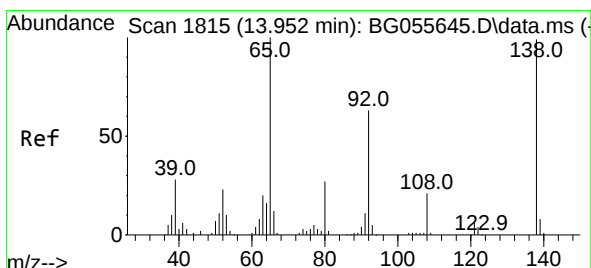
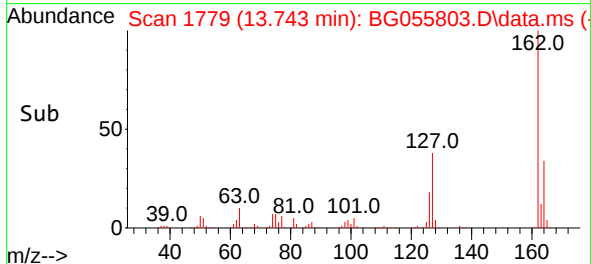
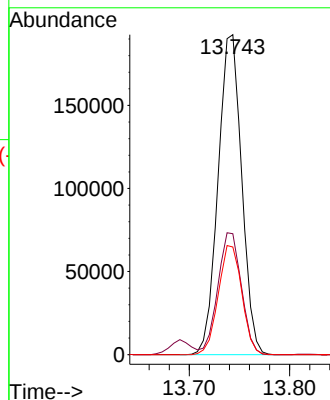
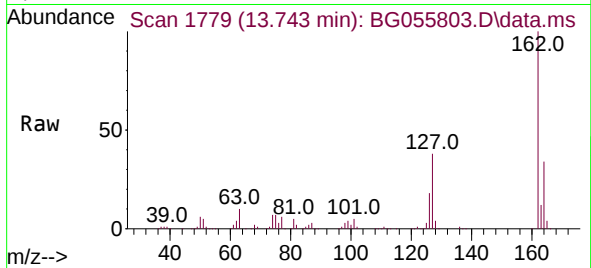
PB149281BS

Tgt Ion:162 Resp: 314840
Ion Ratio Lower Upper
162 100
127 37.8 29.9 44.9
164 33.6 26.4 39.6

Manual Integrations

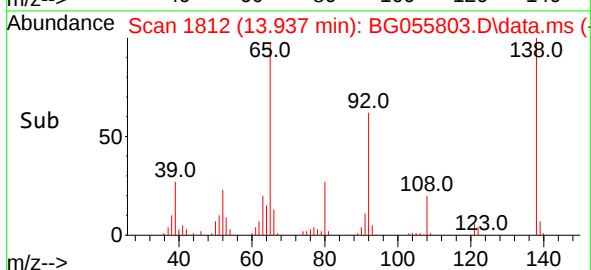
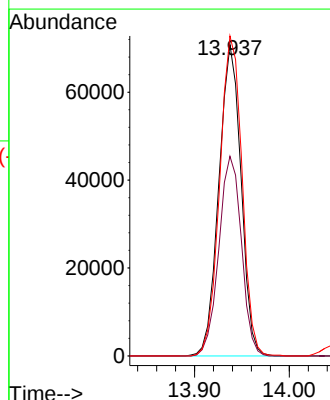
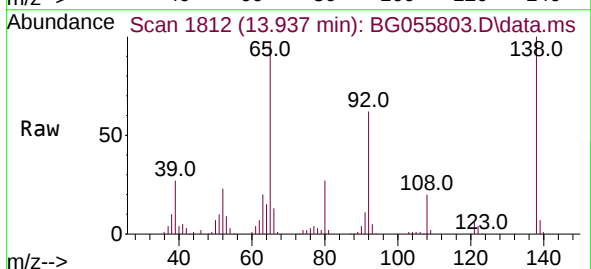
APPROVED

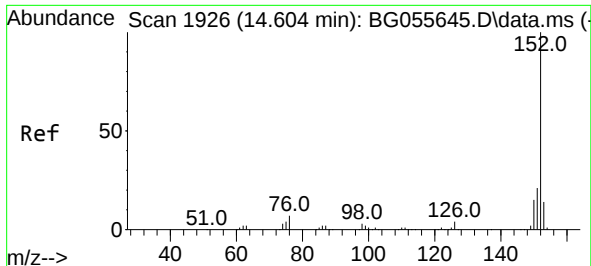
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#48
2-Nitroaniline
Concen: 40.171 ng
RT: 13.937 min Scan# 1812
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

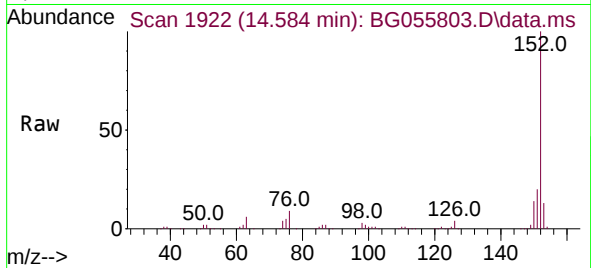
Tgt Ion: 65 Resp: 114643
Ion Ratio Lower Upper
65 100
92 64.1 50.1 75.1
138 102.8 79.4 119.0





#49
Acenaphthylene
Concen: 37.673 ng
RT: 14.584 min Scan# 1922
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

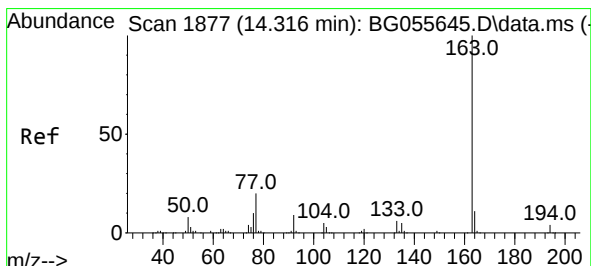
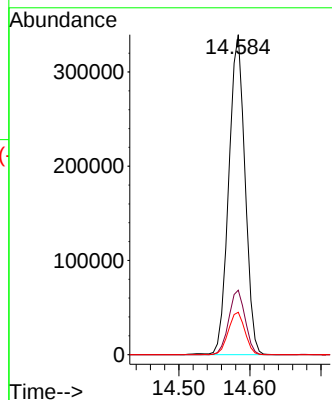
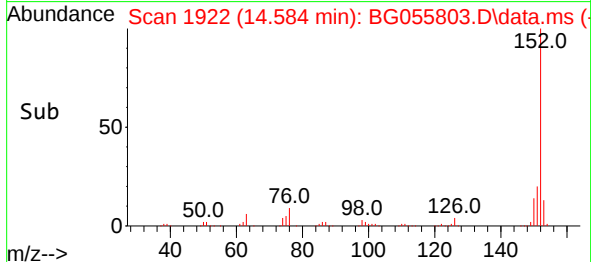
Instrument :
BNA_G
ClientSampleId :
PB149281BS



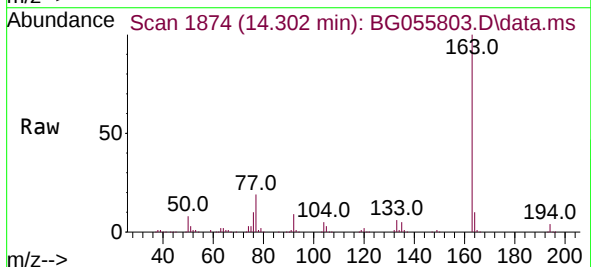
Tgt Ion:152 Resp: 538502
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.2 11.0 16.4

Manual Integrations
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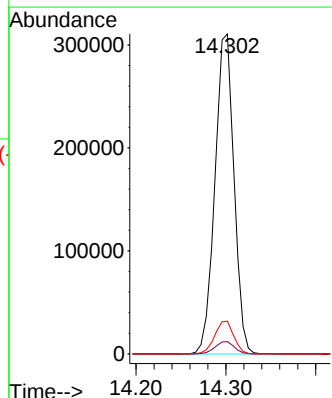
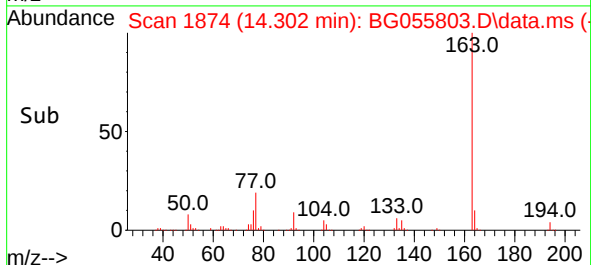
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

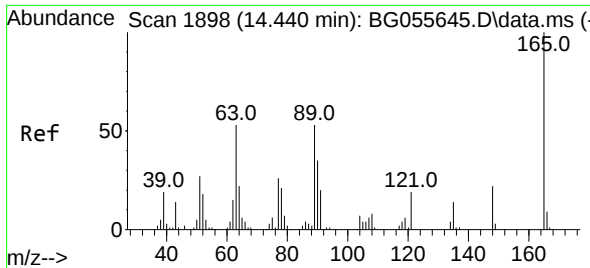


#50
Dimethylphthalate
Concen: 37.558 ng
RT: 14.302 min Scan# 1874
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25



Tgt Ion:163 Resp: 458833
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.2 8.6 12.8





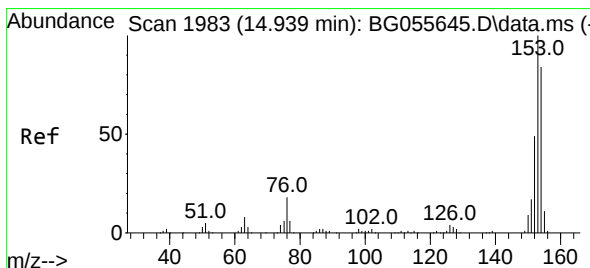
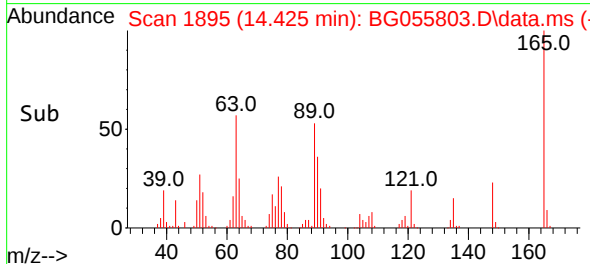
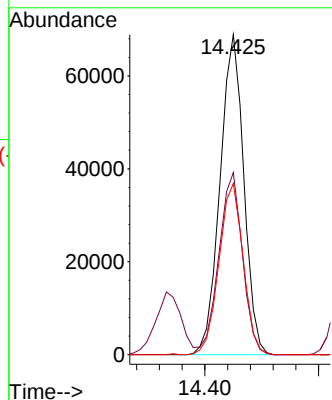
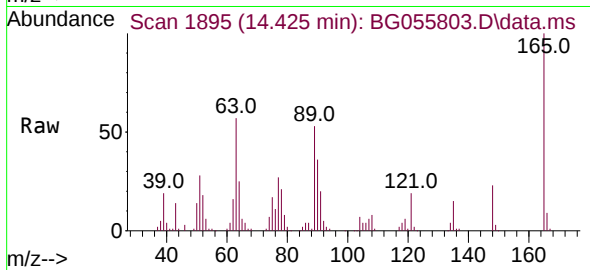
#51
2,6-Dinitrotoluene
Concen: 39.938 ng
RT: 14.425 min Scan# 1898
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Instrument :
BNA_G
ClientSampleId :
PB149281BS

Tgt Ion:165 Resp: 99762
Ion Ratio Lower Upper
165 100
63 56.9 44.6 66.8
89 53.5 42.2 63.4

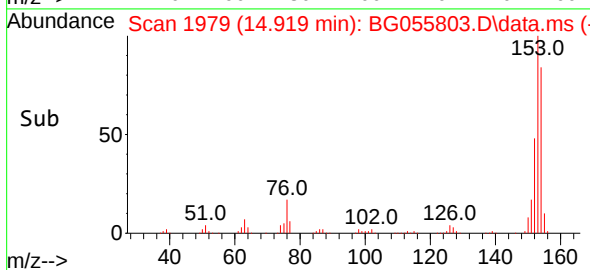
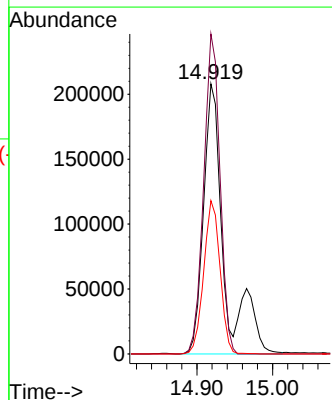
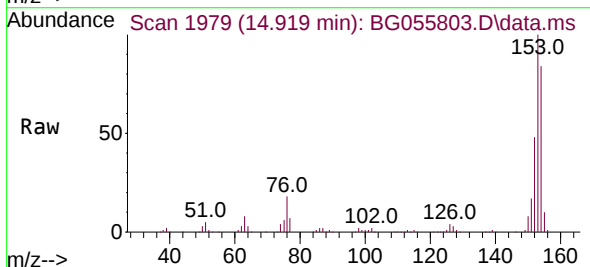
Manual Integrations
APPROVED

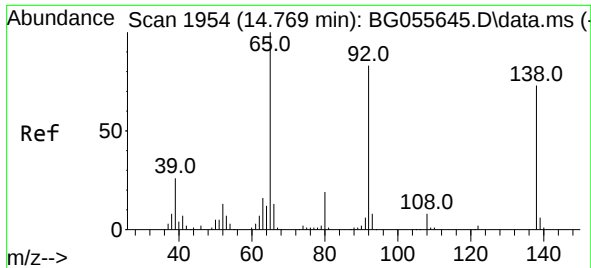
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#52
Acenaphthene
Concen: 42.326 ng m
RT: 14.919 min Scan# 1979
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Tgt Ion:154 Resp: 395415
Ion Ratio Lower Upper
154 100
153 118.5 95.0 142.4
152 56.7 46.1 69.1





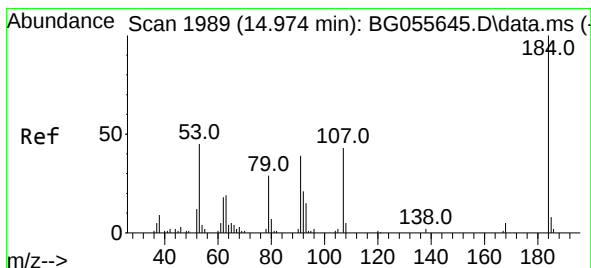
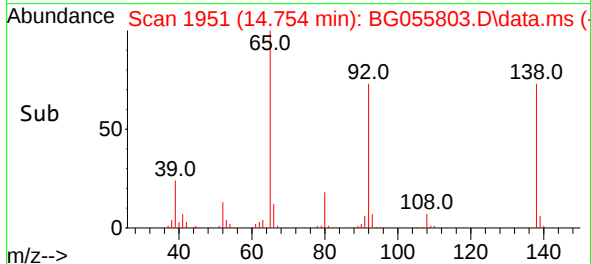
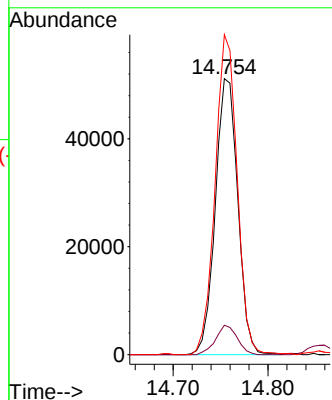
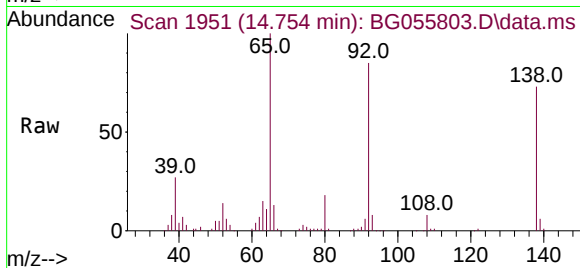
#53
3-Nitroaniline
Concen: 30.726 ng
RT: 14.754 min Scan# 1951
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Instrument :
BNA_G
ClientSampleId :
PB149281BS

Tgt Ion:138 Resp: 8425
Ion Ratio Lower Upper
138 100
108 10.6 8.5 12.7
92 116.0 91.0 136.6

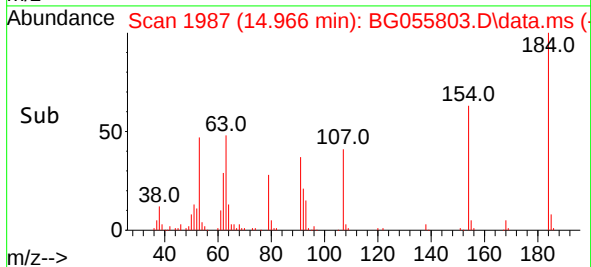
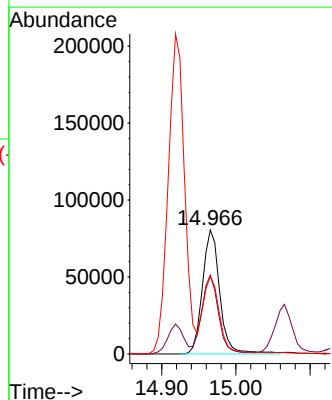
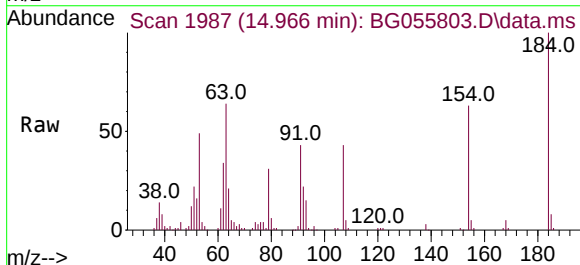
Manual Integrations
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Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#54
2,4-Dinitrophenol
Concen: 91.109 ng
RT: 14.966 min Scan# 1987
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Tgt Ion:184 Resp: 130852
Ion Ratio Lower Upper
184 100
63 63.5 49.5 74.3
154 62.6 52.0 78.0





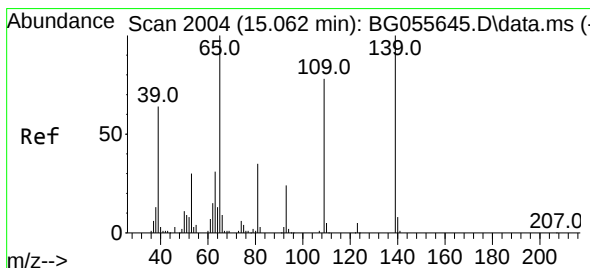
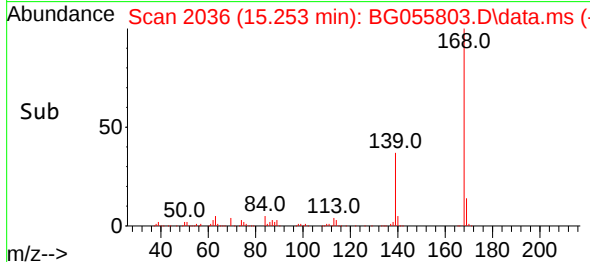
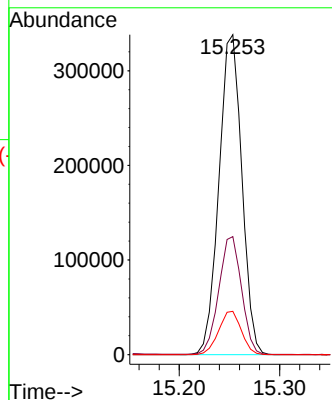
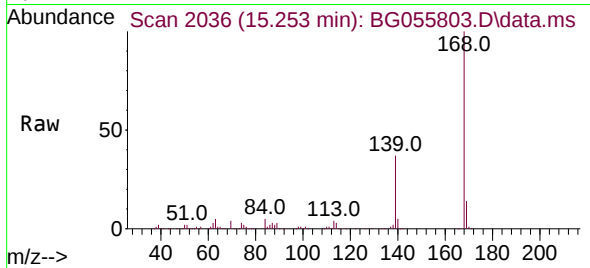
#55
Dibenzenofuran
Concen: 37.230 ng
RT: 15.253 min Scan# 2040
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Instrument :
BNA_G
ClientSampleId :
PB149281BS

Tgt Ion:168 Resp: 536556
Ion Ratio Lower Upper
168 100
139 36.9 28.8 43.2
169 13.5 11.0 16.4

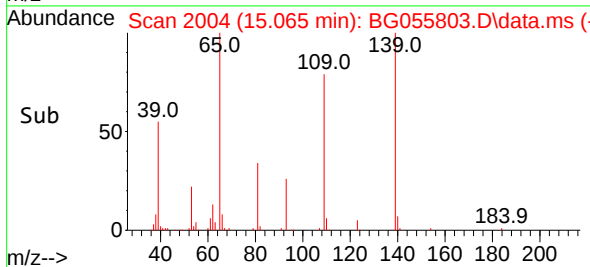
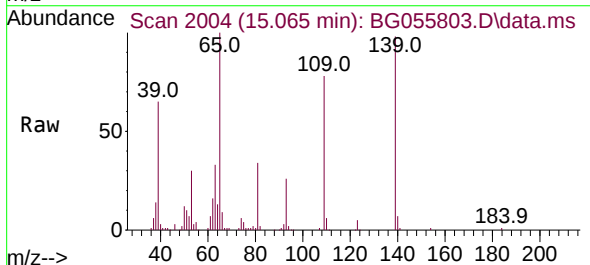
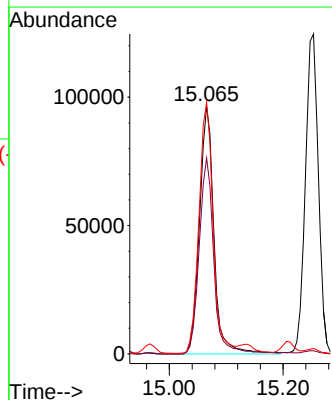
Manual Integrations
APPROVED

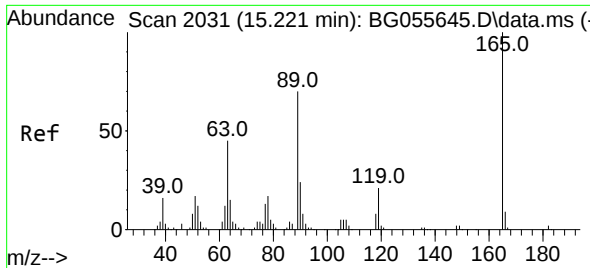
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#56
4-Nitrophenol
Concen: 78.841 ng
RT: 15.065 min Scan# 2004
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

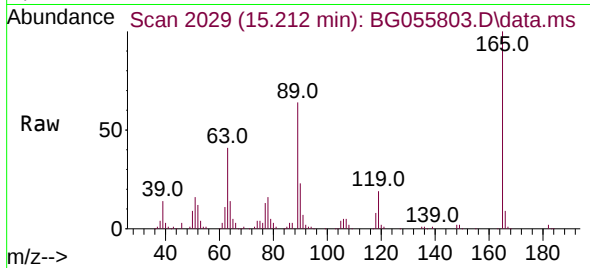
Tgt Ion:139 Resp: 169680
Ion Ratio Lower Upper
139 100
109 79.1 58.6 98.6
65 101.7 80.5 120.5





#57
2,4-Dinitrotoluene
Concen: 41.662 ng
RT: 15.212 min Scan# 2031
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

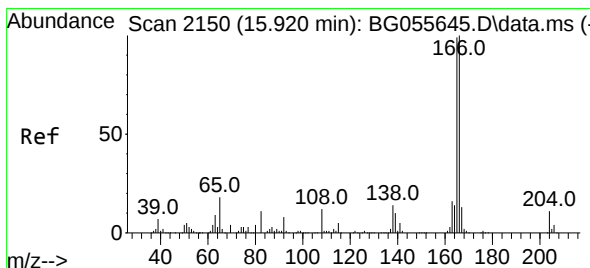
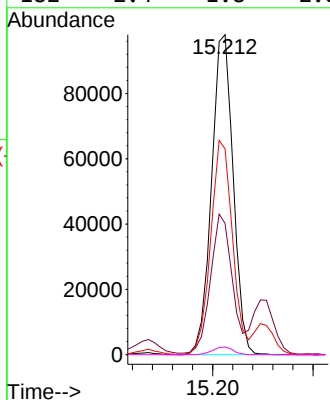
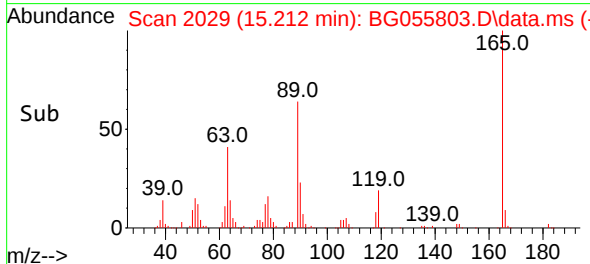
Instrument :
BNA_G
ClientSampleId :
PB149281BS



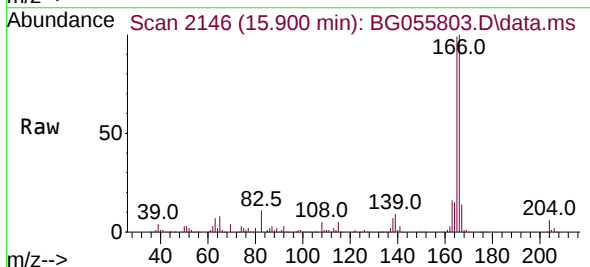
Tgt Ion:165 Resp: 146727
Ion Ratio Lower Upper
165 100
63 41.0 35.8 53.8
89 64.3 56.2 84.4
182 2.4 1.8 2.8

Manual Integrations
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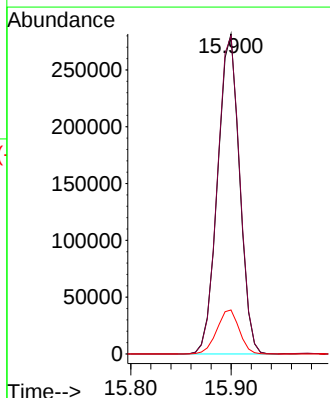
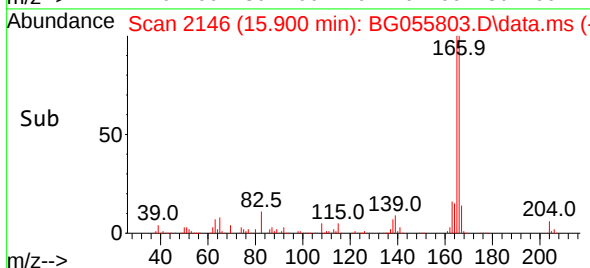
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

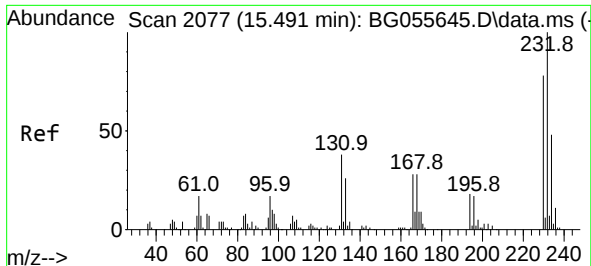


#58
Fluorene
Concen: 37.170 ng
RT: 15.900 min Scan# 2146
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25



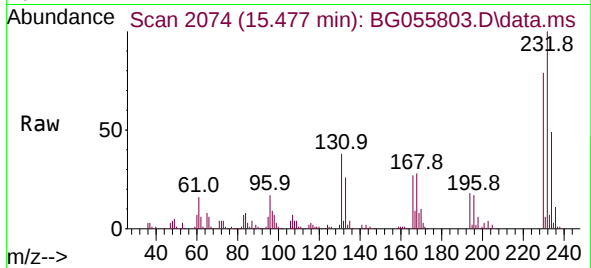
Tgt Ion:166 Resp: 427854
Ion Ratio Lower Upper
166 100
165 99.3 79.3 118.9
167 13.7 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.721 ng
RT: 15.477 min Scan# 2077
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

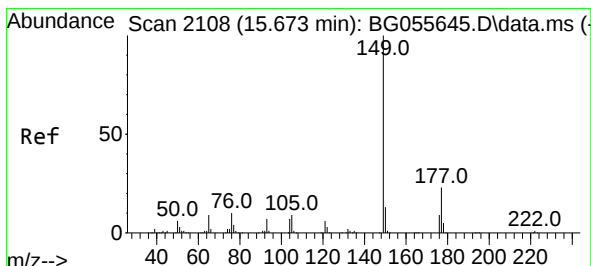
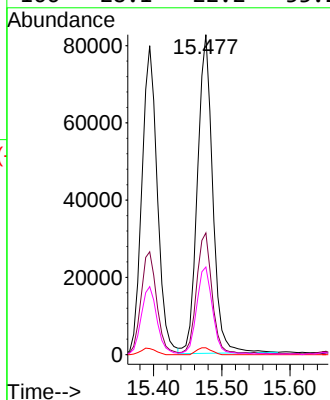
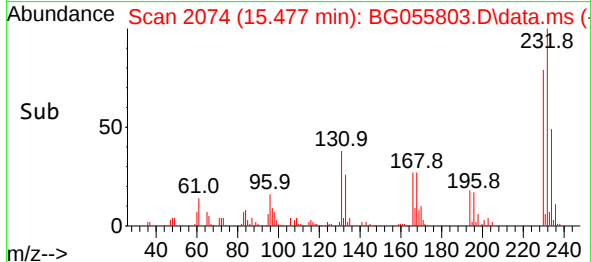
Instrument :
BNA_G
ClientSampleId :
PB149281BS



Tgt Ion:232 Resp: 128456
Ion Ratio Lower Upper
232 100
131 37.4 29.8 44.8
130 2.1 1.7 2.5
166 28.1 22.2 33.2

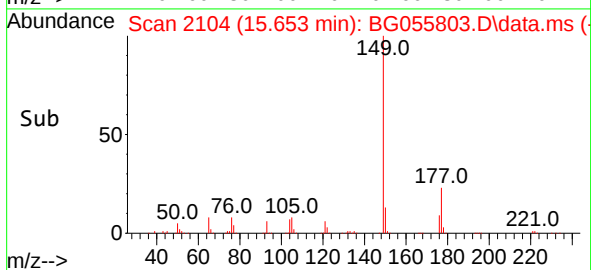
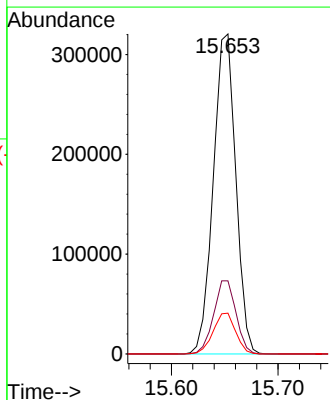
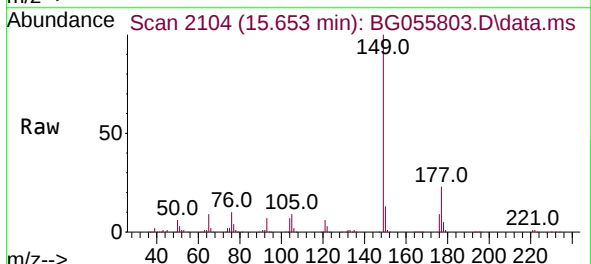
Manual Integrations
APPROVED

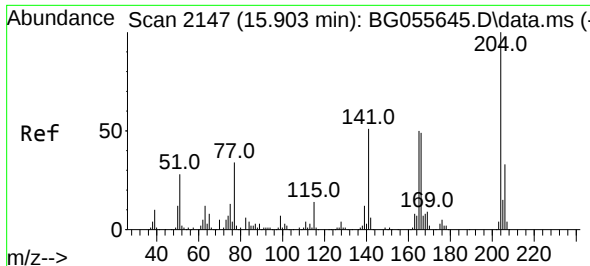
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#60
Diethylphthalate
Concen: 38.103 ng
RT: 15.653 min Scan# 2104
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

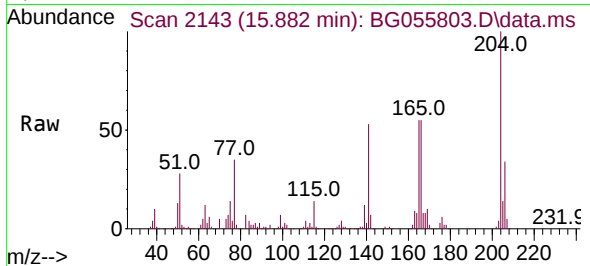
Tgt Ion:149 Resp: 470627
Ion Ratio Lower Upper
149 100
177 22.8 18.3 27.5
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 37.289 ng
RT: 15.882 min Scan# 2143
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

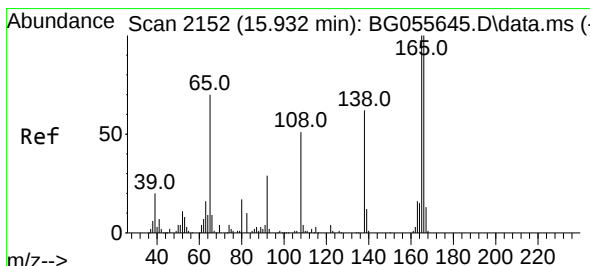
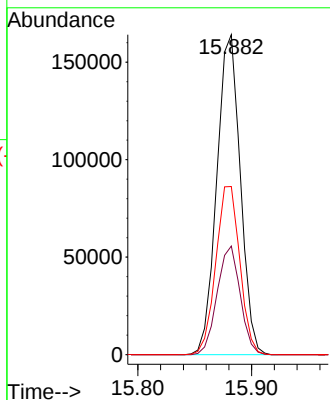
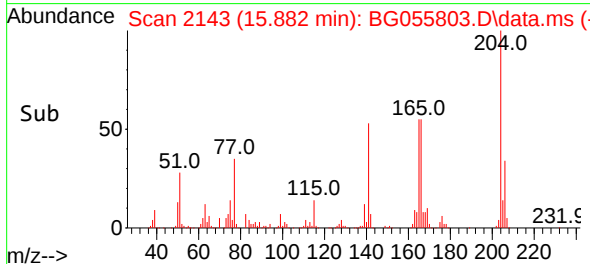
Instrument :
BNA_G
ClientSampleId :
PB149281BS



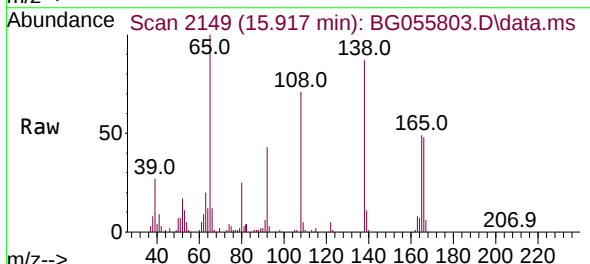
Tgt Ion:204 Resp: 235943
Ion Ratio Lower Upper
204 100
206 34.0 26.6 40.0
141 52.5 40.6 61.0

Manual Integrations
APPROVED

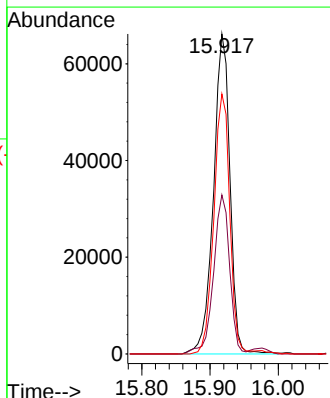
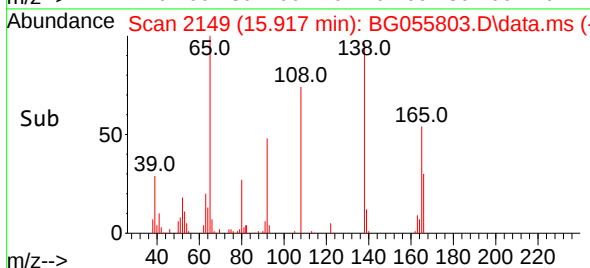
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

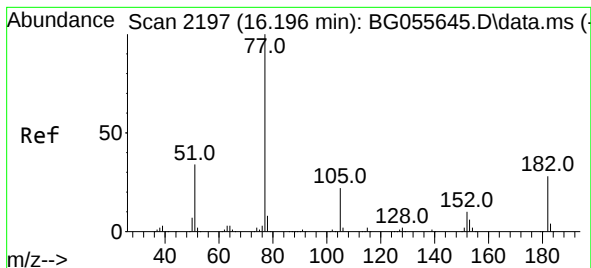


#62
4-Nitroaniline
Concen: 38.512 ng
RT: 15.917 min Scan# 2149
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25



Tgt Ion:138 Resp: 110392
Ion Ratio Lower Upper
138 100
92 49.7 27.3 67.3
108 81.2 62.8 102.8





#63

Azobenzene

Concen: 37.963 ng

RT: 16.176 min Scan# 2197

Delta R.T. 0.001 min

Lab File: BG055803.D

Acq: 28 Nov 2022 13:25

Instrument :

BNA_G

ClientSampleId :

PB149281BS

Tgt Ion: 77 Resp: 40936

Ion Ratio Lower Upper

77 100

182 28.5 8.1 48.1

105 22.7 1.8 41.8

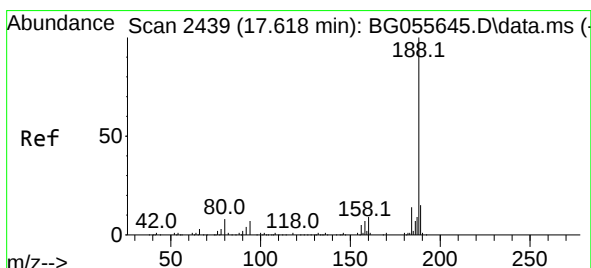
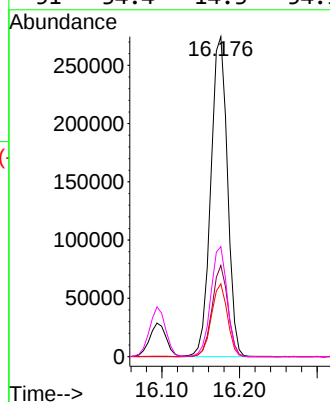
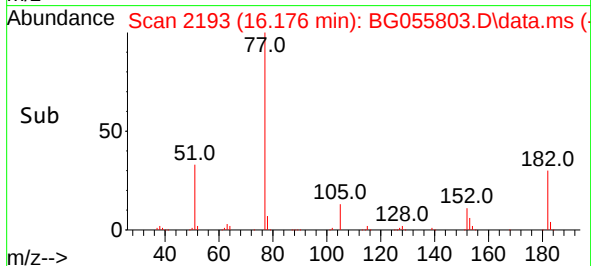
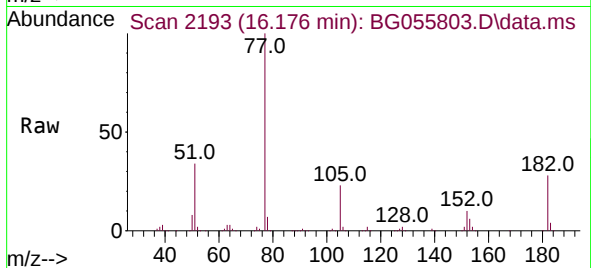
51 34.4 14.3 54.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/29/2022

Supervised By :Jagrut Upadhyay 11/29/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.598 min Scan# 2435

Delta R.T. 0.001 min

Lab File: BG055803.D

Acq: 28 Nov 2022 13:25

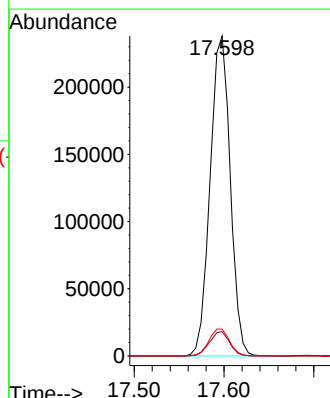
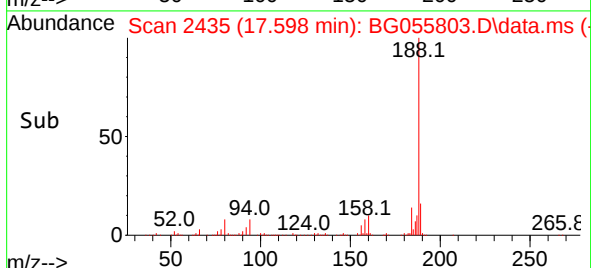
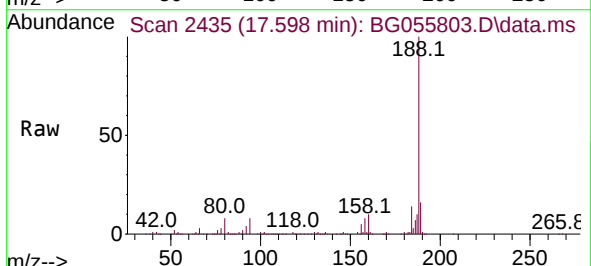
Tgt Ion:188 Resp: 371084

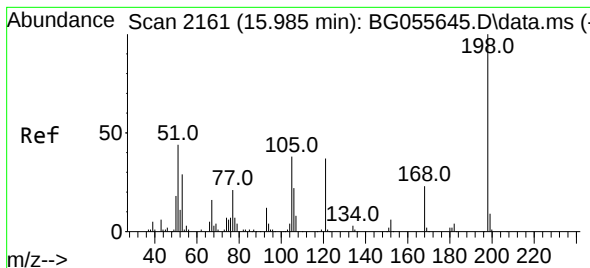
Ion Ratio Lower Upper

188 100

94 7.6 5.4 8.2

80 8.4 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 42.617 ng
RT: 15.976 min Scan# 2161
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Instrument :

BNA_G

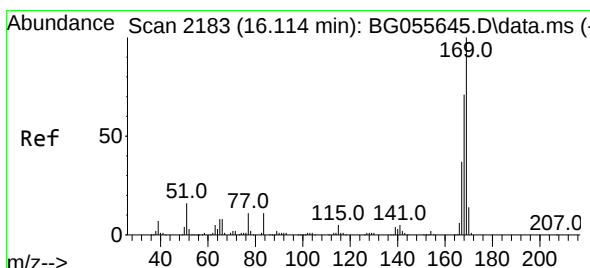
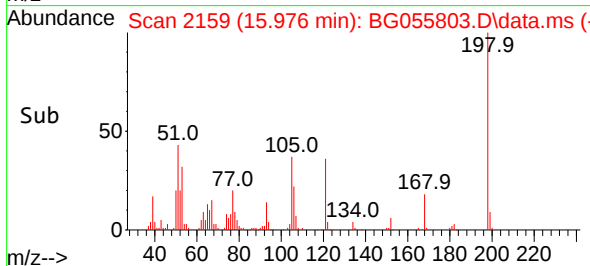
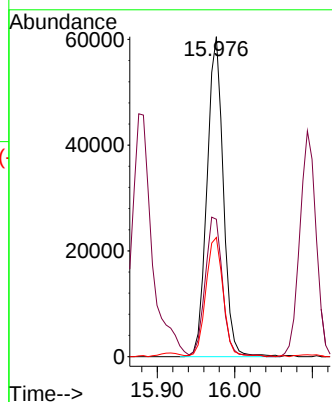
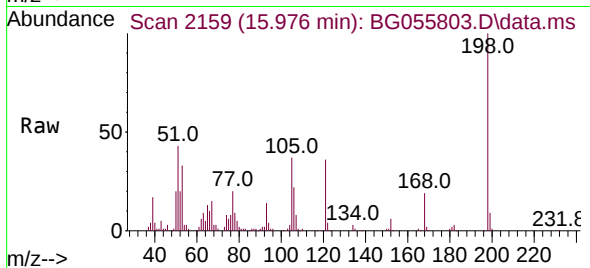
ClientSampleId :

PB149281BS

Tgt Ion:198 Resp: 88307
Ion Ratio Lower Upper
198 100
51 42.9 27.7 67.7
105 37.2 19.3 59.3

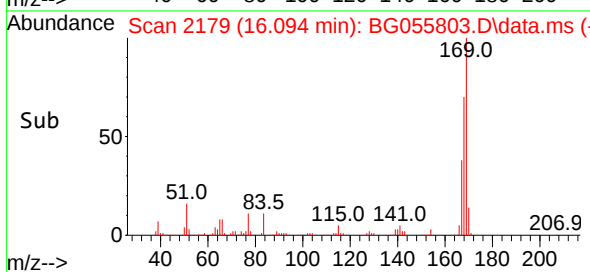
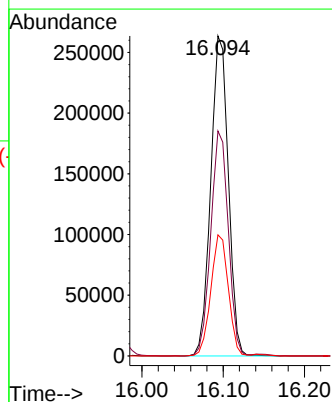
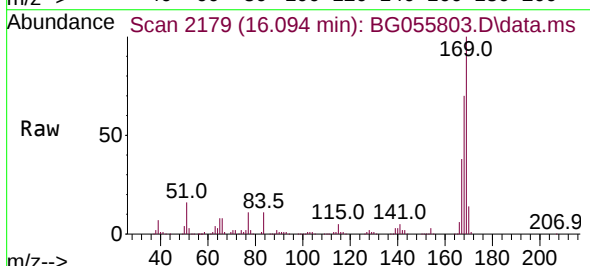
Manual Integrations
APPROVED

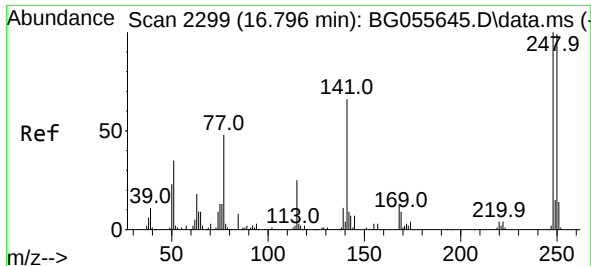
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#66
n-Nitrosodiphenylamine
Concen: 38.718 ng
RT: 16.094 min Scan# 2179
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

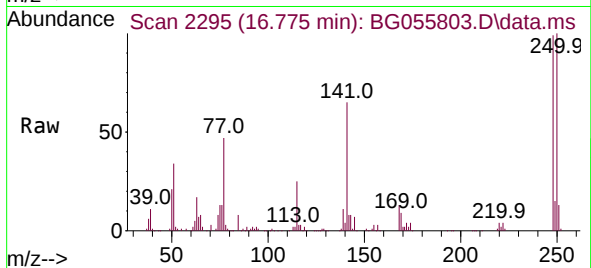
Tgt Ion:169 Resp: 395963
Ion Ratio Lower Upper
169 100
168 70.3 56.6 85.0
167 37.8 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 37.430 ng
RT: 16.775 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

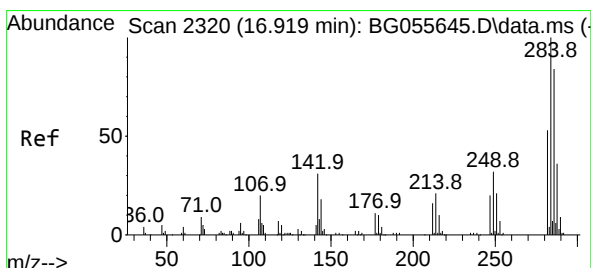
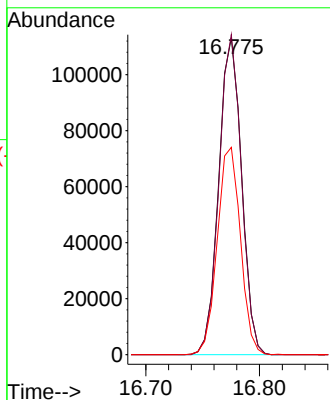
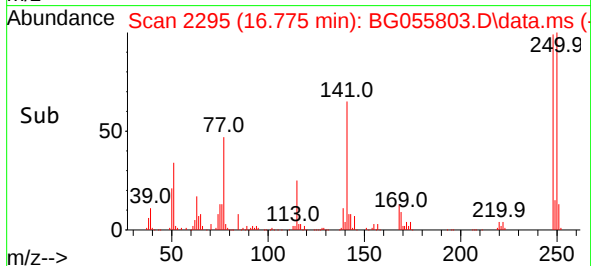
Instrument :
BNA_G
ClientSampleId :
PB149281BS



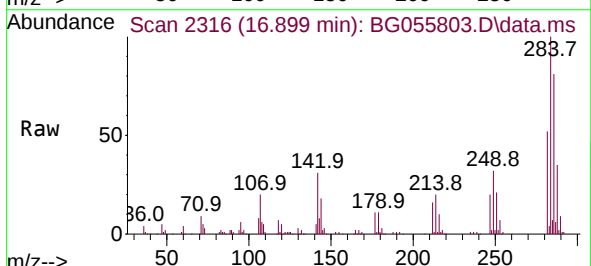
Tgt Ion:248 Resp: 158256
Ion Ratio Lower Upper
248 100
250 101.1 79.0 118.4
141 65.5 52.9 79.3

Manual Integrations
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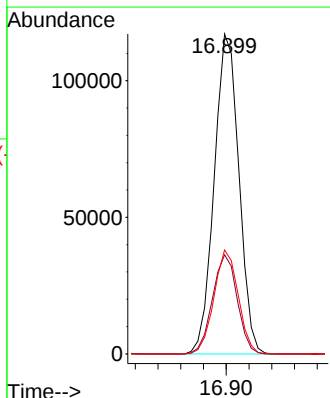
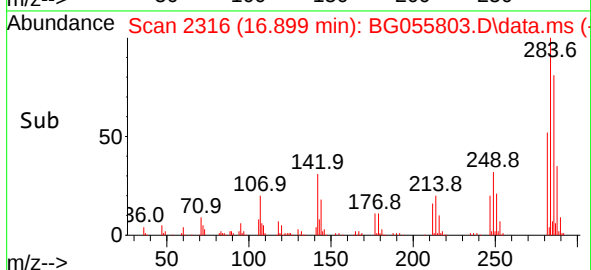
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

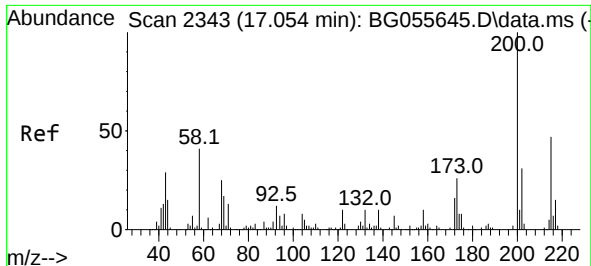


#68
Hexachlorobenzene
Concen: 37.574 ng
RT: 16.899 min Scan# 2316
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25



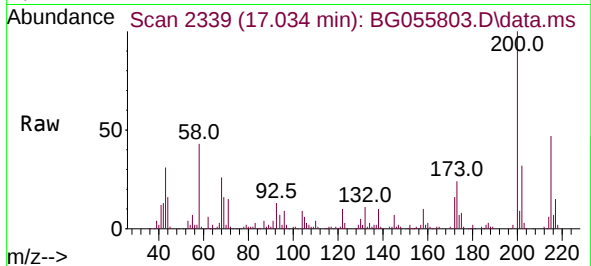
Tgt Ion:284 Resp: 176157
Ion Ratio Lower Upper
284 100
142 31.0 24.8 37.2
249 32.5 25.7 38.5





#69
 Atrazine
 Concen: 41.614 ng
 RT: 17.034 min Scan# 2339
 Delta R.T. 0.001 min
 Lab File: BG055803.D
 Acq: 28 Nov 2022 13:25

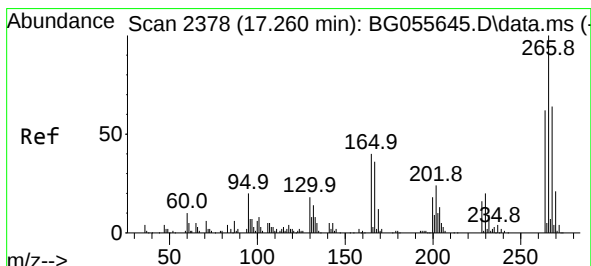
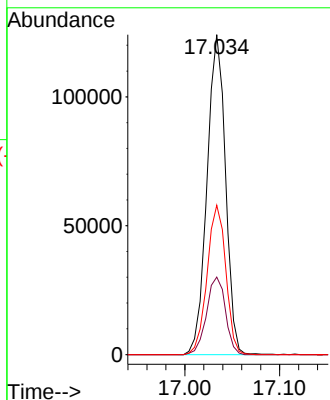
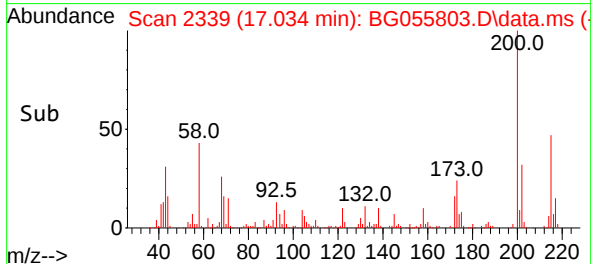
Instrument :
 BNA_G
 ClientSampleId :
 PB149281BS



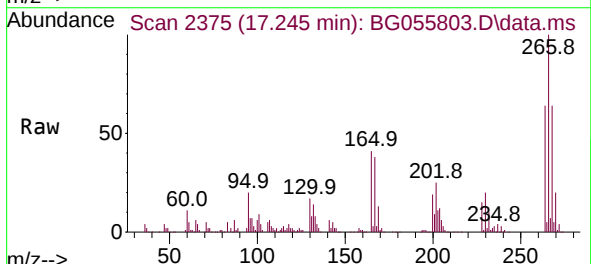
Tgt Ion:200 Resp: 168314
 Ion Ratio Lower Upper
 200 100
 173 24.2 5.6 45.6
 215 46.7 27.2 67.2

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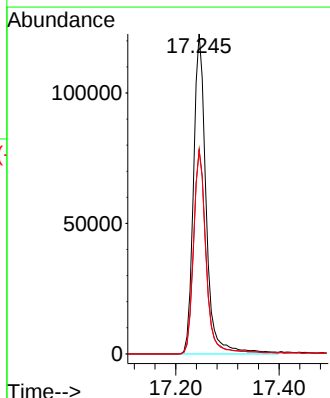
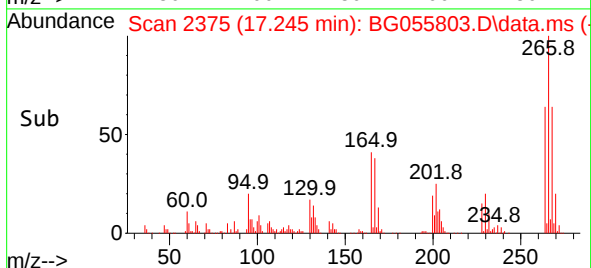
Reviewed By :Christian Giraldo 11/29/2022
 Supervised By :Jagrut Upadhyay 11/29/2022

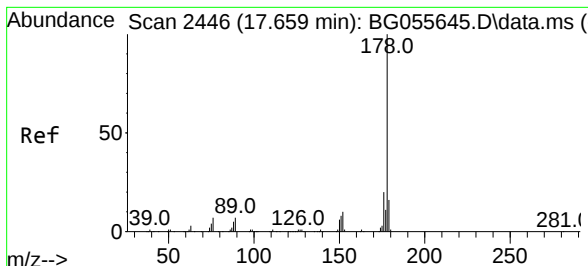


#70
 Pentachlorophenol
 Concen: 72.538 ng
 RT: 17.245 min Scan# 2375
 Delta R.T. -0.005 min
 Lab File: BG055803.D
 Acq: 28 Nov 2022 13:25



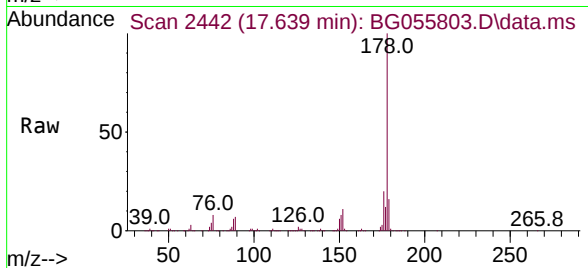
Tgt Ion:266 Resp: 208035
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.2 76.8
 264 63.5 49.5 74.3





#71
Phenanthrene
Concen: 37.018 ng
RT: 17.639 min Scan# 2446
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

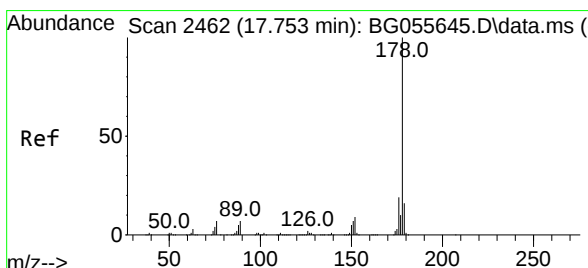
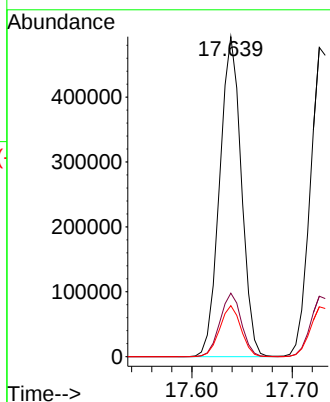
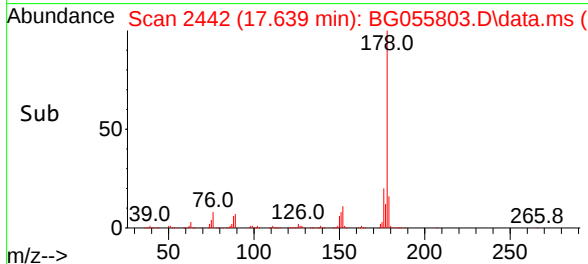
Instrument :
BNA_G
ClientSampleId :
PB149281BS



Tgt Ion:178 Resp: 741301
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.9 12.7 19.1

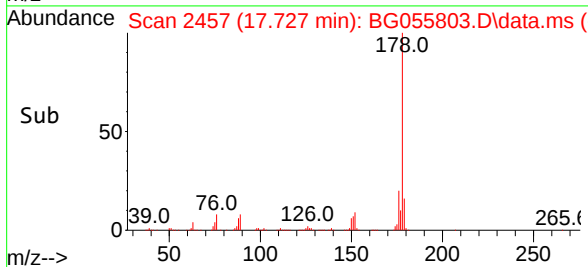
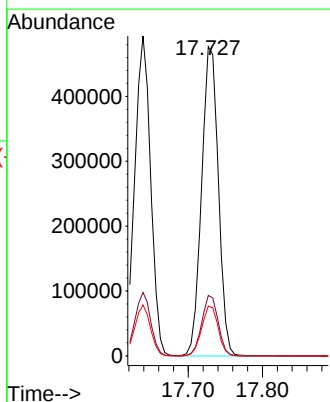
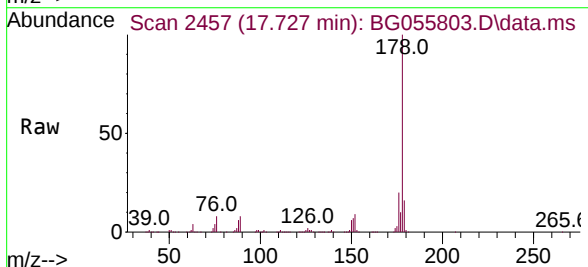
Manual Integrations
APPROVED

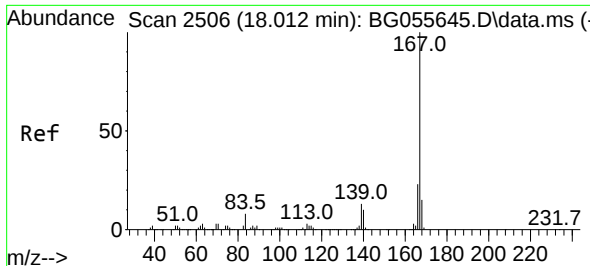
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#72
Anthracene
Concen: 38.482 ng
RT: 17.727 min Scan# 2457
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Tgt Ion:178 Resp: 748740
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 16.1 12.5 18.7





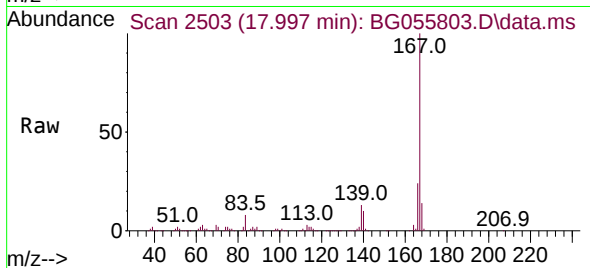
#73
 Carbazole
 Concen: 39.469 ng
 RT: 17.997 min Scan# 2503
 Delta R.T. 0.001 min
 Lab File: BG055803.D
 Acq: 28 Nov 2022 13:25

Instrument :

BNA_G

ClientSampleId :

PB149281BS

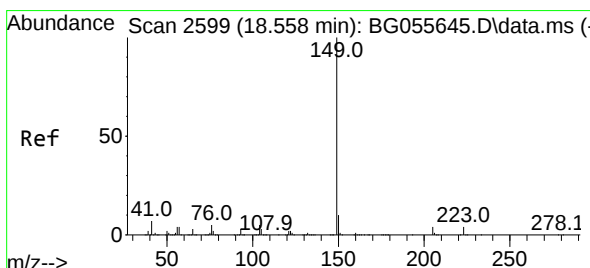
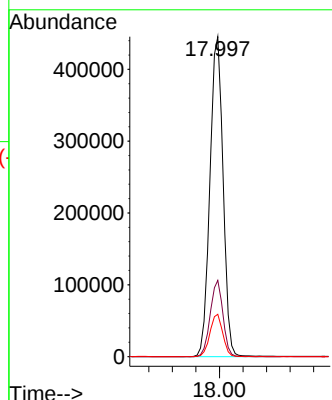
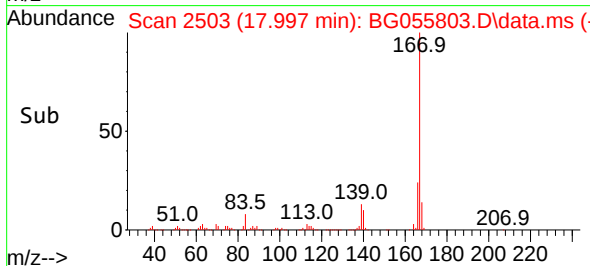


Tgt Ion:167 Resp: 690378
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.2 27.2
 139 13.2 10.2 15.4

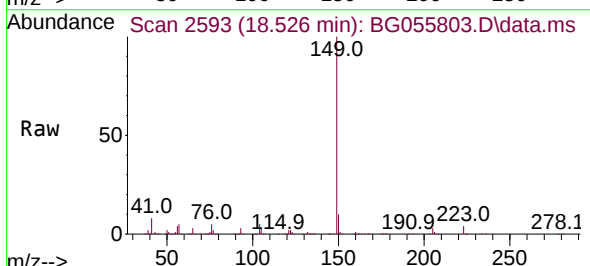
Manual Integrations

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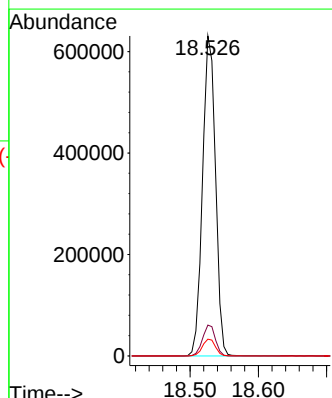
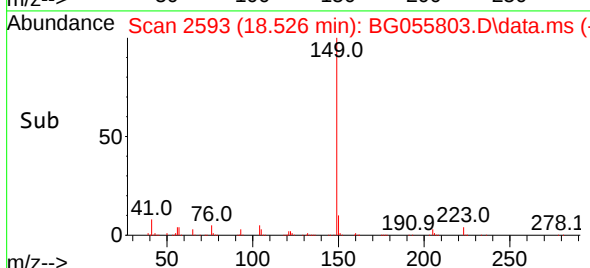
Reviewed By :Christian Giraldo 11/29/2022
 Supervised By :Jagrut Upadhyay 11/29/2022

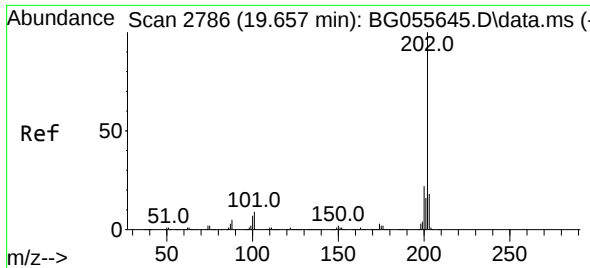


#74
 Di-n-butylphthalate
 Concen: 38.372 ng
 RT: 18.526 min Scan# 2593
 Delta R.T. -0.005 min
 Lab File: BG055803.D
 Acq: 28 Nov 2022 13:25



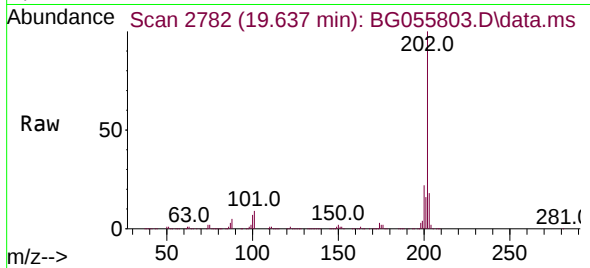
Tgt Ion:149 Resp: 833418
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 5.2 4.0 6.0





#75
Fluoranthene
Concen: 36.418 ng
RT: 19.637 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

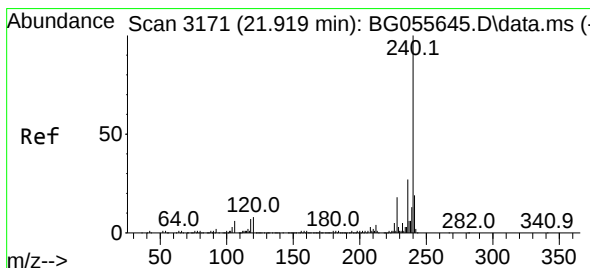
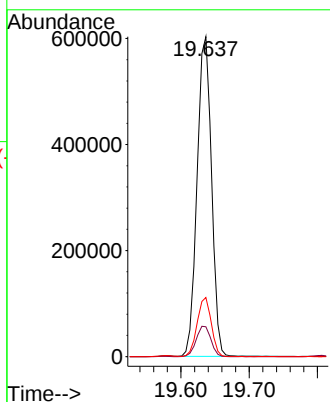
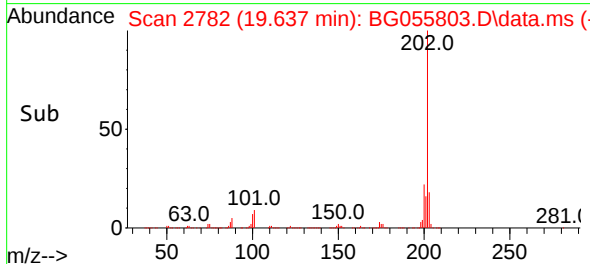
Instrument :
BNA_G
ClientSampleId :
PB149281BS



Tgt Ion:202 Resp: 887218
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.8
203 18.5 0.0 38.1

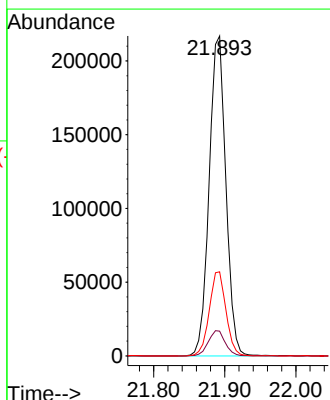
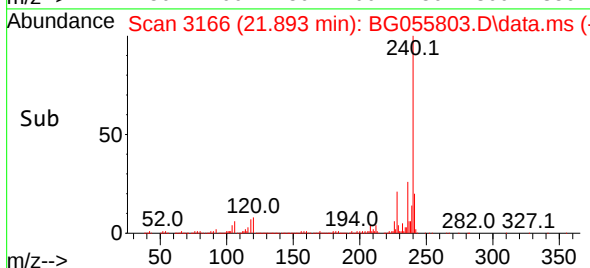
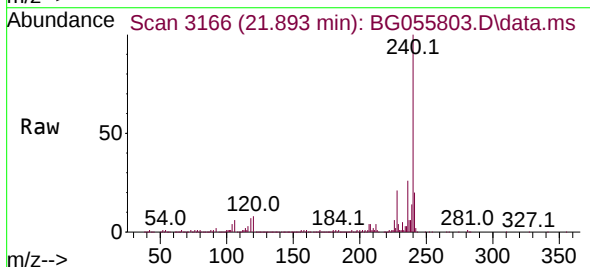
Manual Integrations
APPROVED

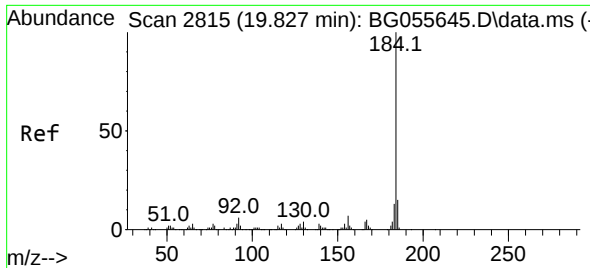
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.893 min Scan# 3166
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Tgt Ion:240 Resp: 353884
Ion Ratio Lower Upper
240 100
120 7.7 6.3 9.5
236 26.3 21.9 32.9





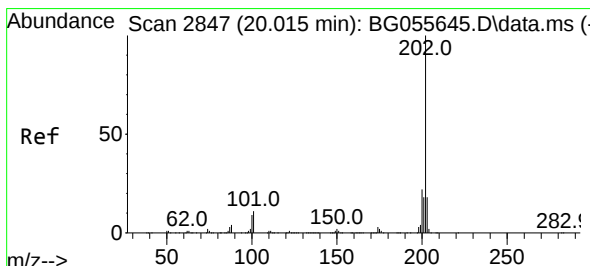
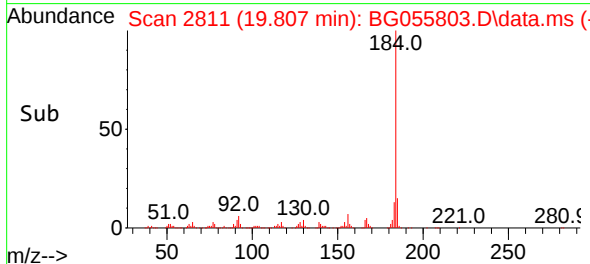
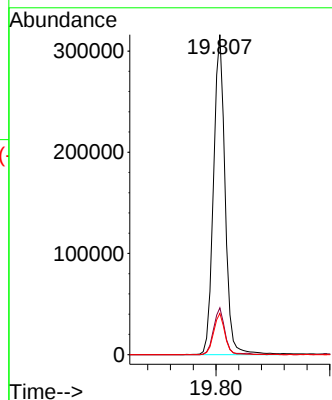
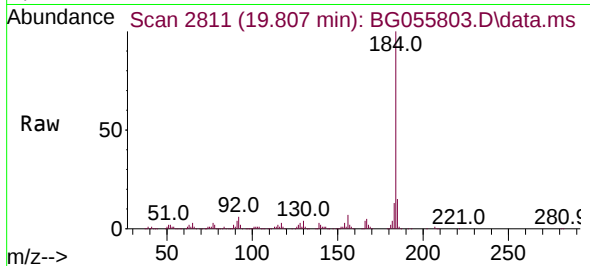
#77
Benzidine
Concen: 54.799 ng
RT: 19.807 min Scan# 2811
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Instrument :
BNA_G
ClientSampleId :
PB149281BS

Tgt Ion:184 Resp: 448639
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.8
183 12.9 10.6 15.8

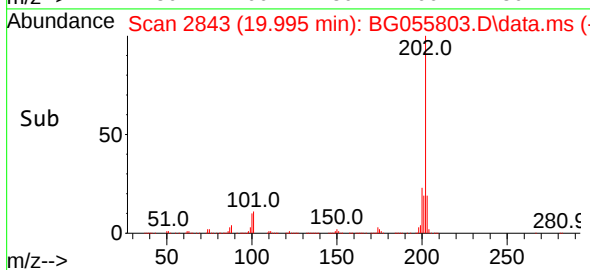
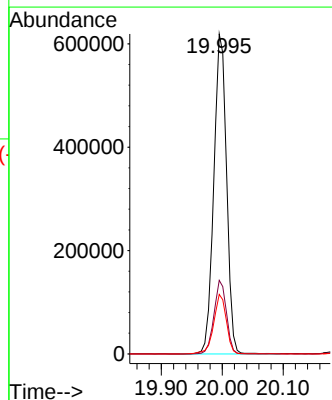
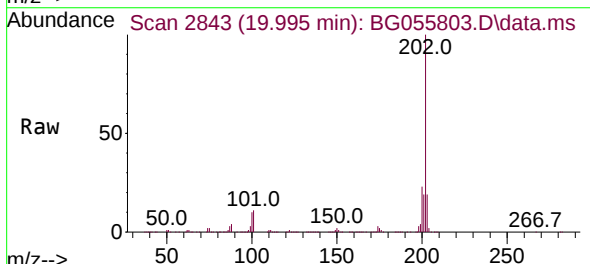
Manual Integrations
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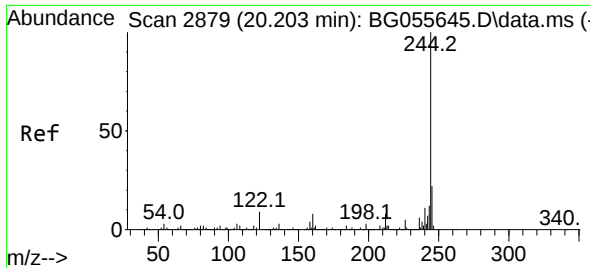
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#78
Pyrene
Concen: 37.594 ng
RT: 19.995 min Scan# 2843
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

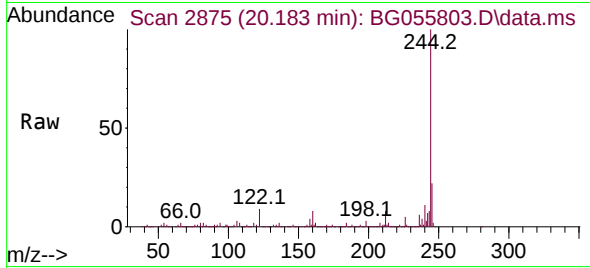
Tgt Ion:202 Resp: 900506
Ion Ratio Lower Upper
202 100
200 23.0 17.8 26.6
203 18.6 14.4 21.6





#79
 Terphenyl-d14
 Concen: 74.879 ng
 RT: 20.183 min Scan# 2879
 Delta R.T. 0.001 min
 Lab File: BG055803.D
 Acq: 28 Nov 2022 13:25

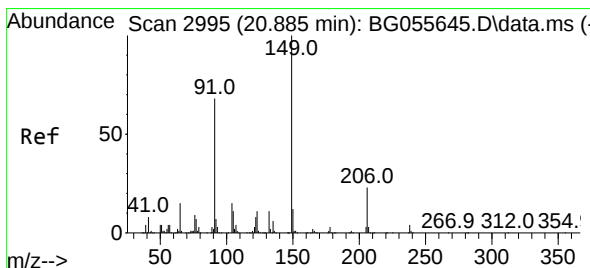
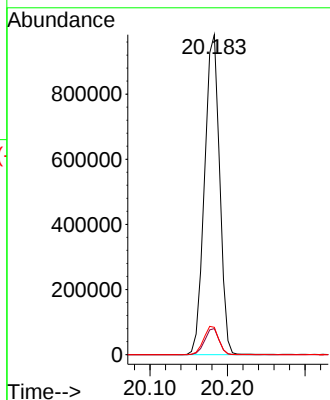
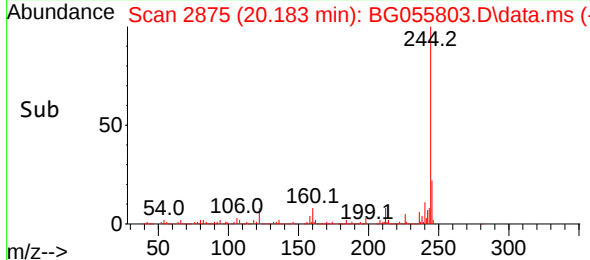
Instrument :
 BNA_G
 ClientSampleId :
 PB149281BS



Tgt Ion:244 Resp: 1324831
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 8.5 6.9 10.3

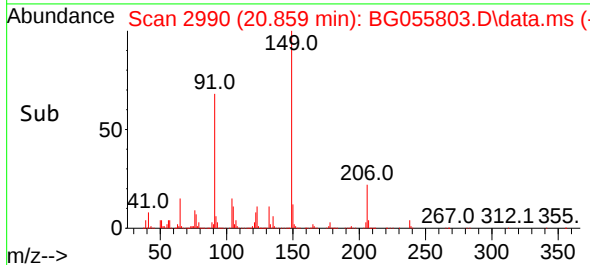
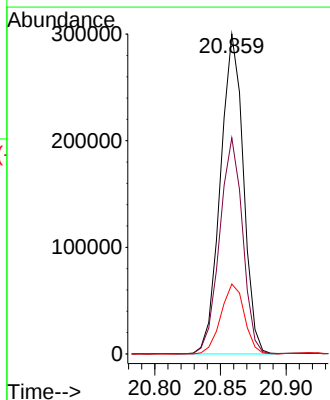
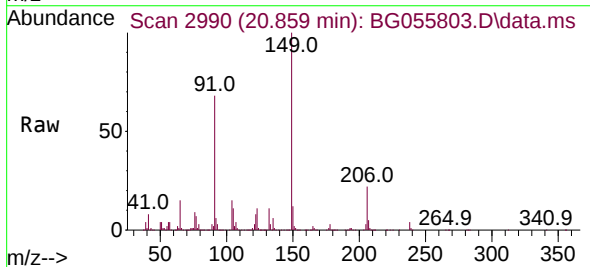
Manual Integrations
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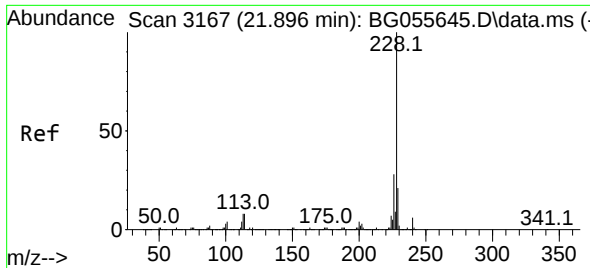
Reviewed By :Christian Giraldo 11/29/2022
 Supervised By :Jagrut Upadhyay 11/29/2022



#80
 Butylbenzylphthalate
 Concen: 38.909 ng
 RT: 20.859 min Scan# 2990
 Delta R.T. -0.005 min
 Lab File: BG055803.D
 Acq: 28 Nov 2022 13:25

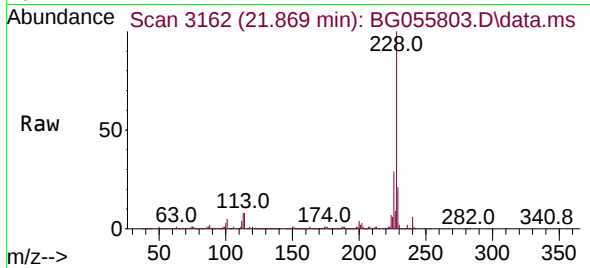
Tgt Ion:149 Resp: 364861
 Ion Ratio Lower Upper
 149 100
 91 67.5 54.6 81.8
 206 21.9 18.3 27.5





#81
Benzo(a)anthracene
Concen: 37.120 ng
RT: 21.869 min Scan# 3162
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

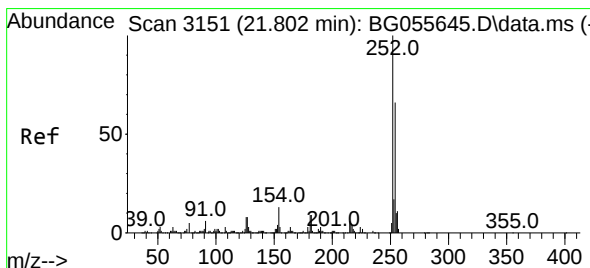
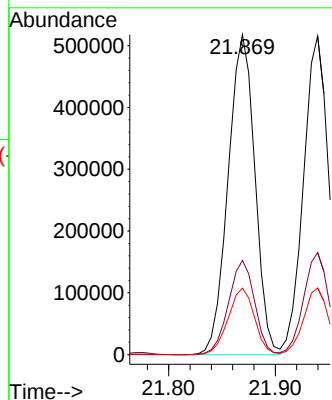
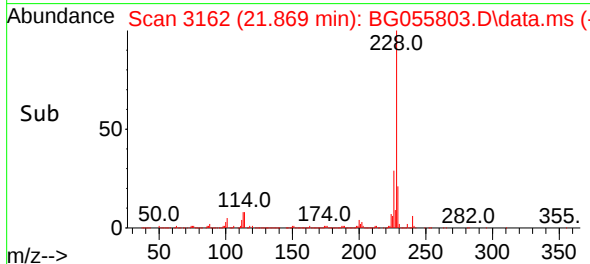
Instrument :
BNA_G
ClientSampleId :
PB149281BS



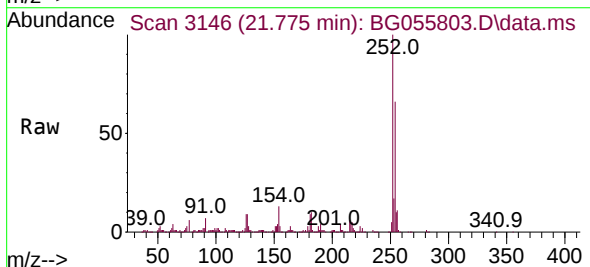
Tgt Ion:228 Resp: 904768
Ion Ratio Lower Upper
228 100
226 29.4 22.7 34.1
229 20.8 16.5 24.7

Manual Integrations
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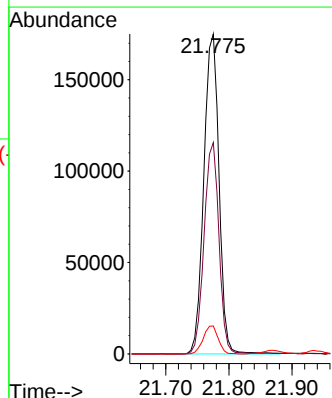
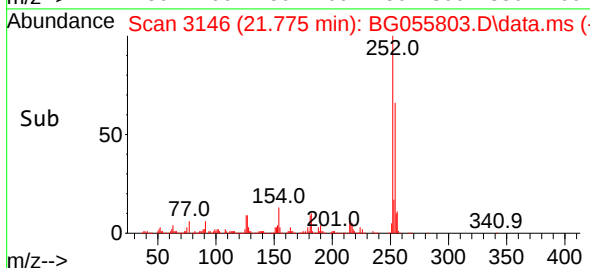
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

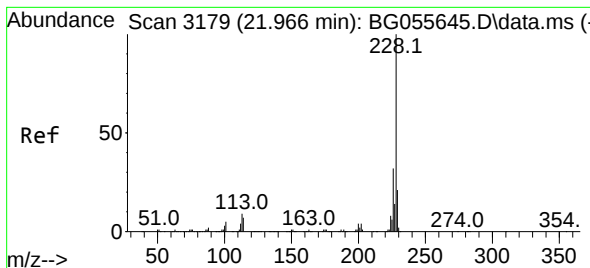


#82
3,3'-Dichlorobenzidine
Concen: 34.045 ng
RT: 21.775 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25



Tgt Ion:252 Resp: 291587
Ion Ratio Lower Upper
252 100
254 66.0 53.0 79.6
126 8.7 6.7 10.1





#83

Chrysene

Concen: 36.509 ng

RT: 21.940 min Scan# 3179

Delta R.T. -0.005 min

Lab File: BG055803.D

Acq: 28 Nov 2022 13:25

Instrument :

BNA_G

ClientSampleId :

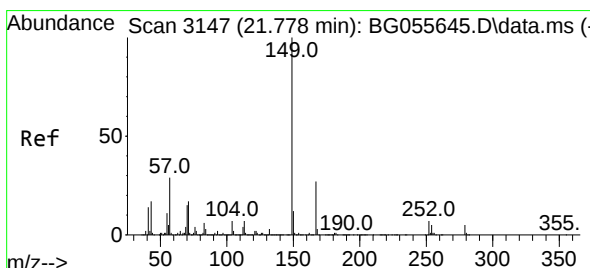
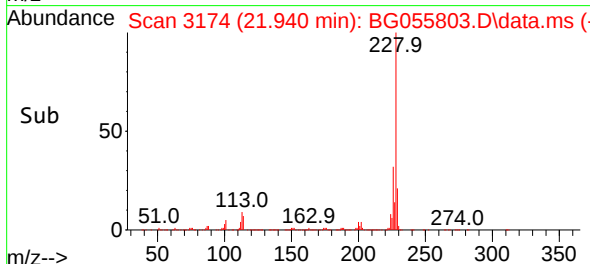
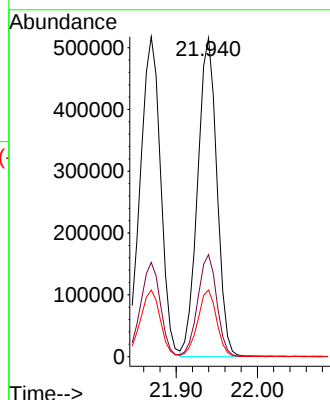
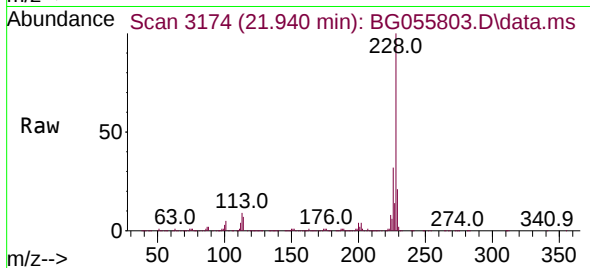
PB149281BS

Tgt Ion:228 Resp: 847144
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.4 38.2
 229 20.9 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/29/2022
 Supervised By :Jagrut Upadhyay 11/29/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.497 ng

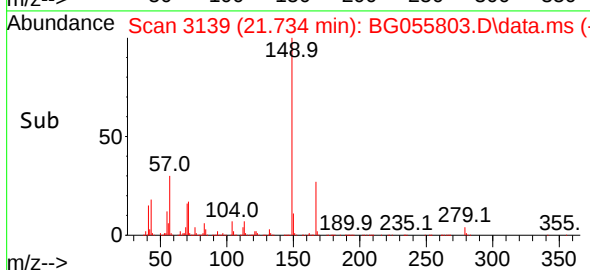
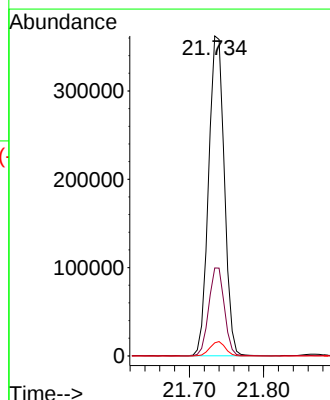
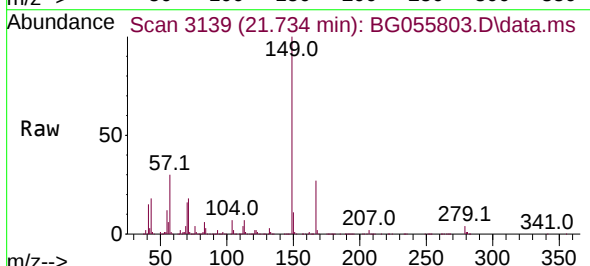
RT: 21.734 min Scan# 3139

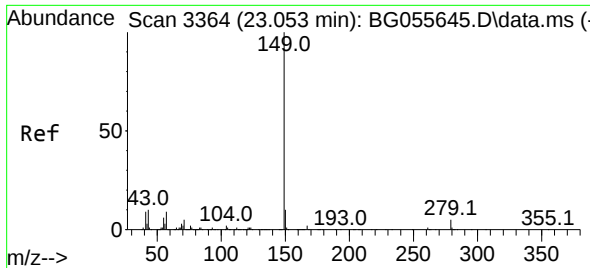
Delta R.T. -0.005 min

Lab File: BG055803.D

Acq: 28 Nov 2022 13:25

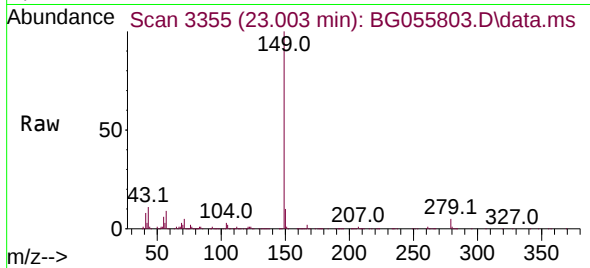
Tgt Ion:149 Resp: 532281
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.0 33.0
 279 4.1 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 39.161 ng
RT: 23.003 min Scan# 3364
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

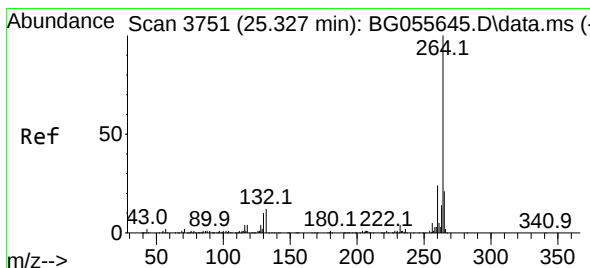
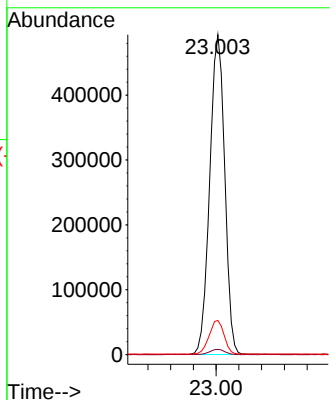
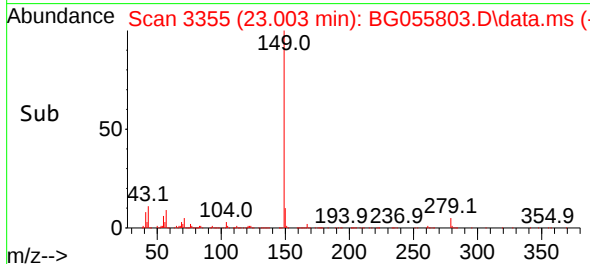
Instrument :
BNA_G
ClientSampleId :
PB149281BS



Tgt Ion:149 Resp: 903159
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.5 8.4 12.6

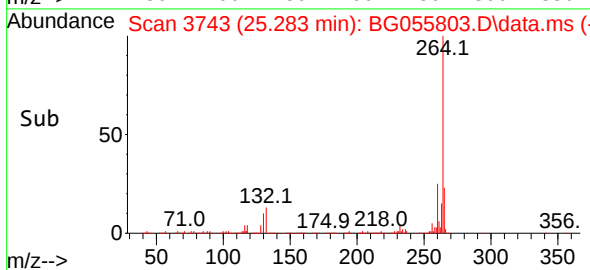
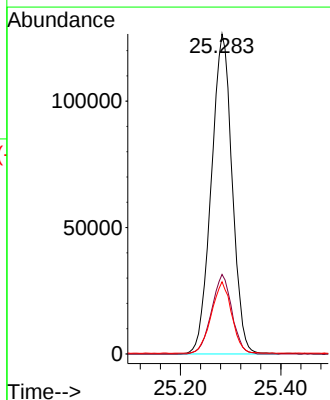
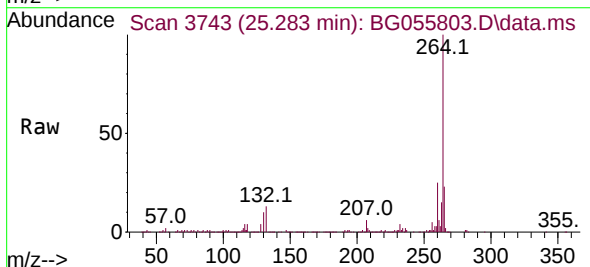
Manual Integrations
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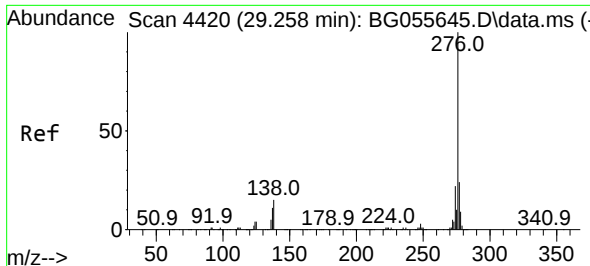
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.283 min Scan# 3743
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Tgt Ion:264 Resp: 364773
Ion Ratio Lower Upper
264 100
260 24.8 19.5 29.3
265 22.6 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.500 ng
 RT: 29.190 min Scan# 4420
 Delta R.T. -0.022 min
 Lab File: BG055803.D
 Acq: 28 Nov 2022 13:25

Instrument :

BNA_G

ClientSampleId :

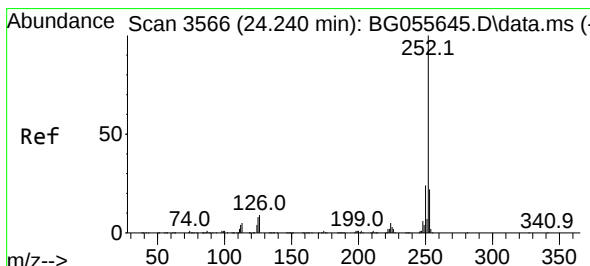
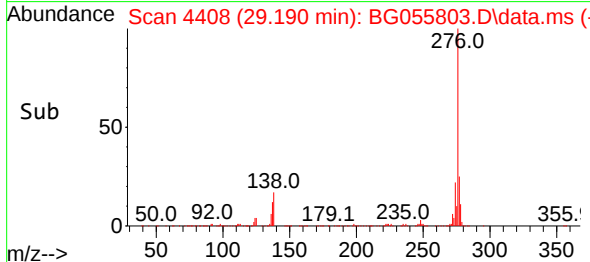
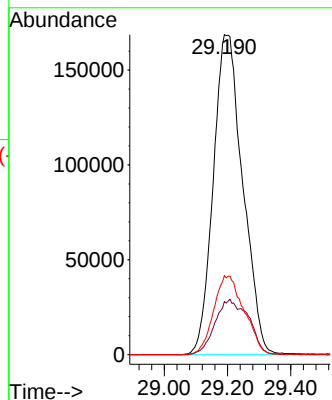
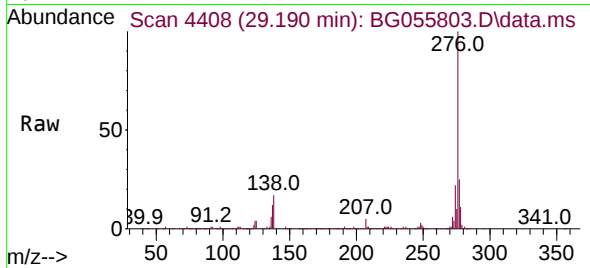
PB149281BS

Tgt Ion:276 Resp: 1090729
 Ion Ratio Lower Upper
 276 100
 138 19.6 10.4 15.6
 277 25.6 20.2 30.4

Manual Integrations

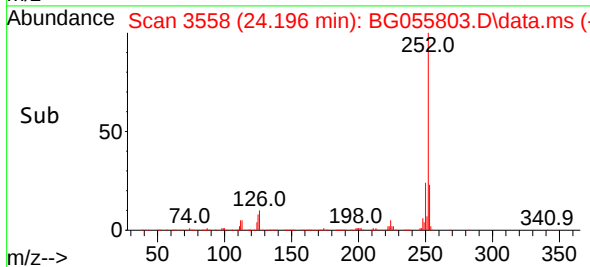
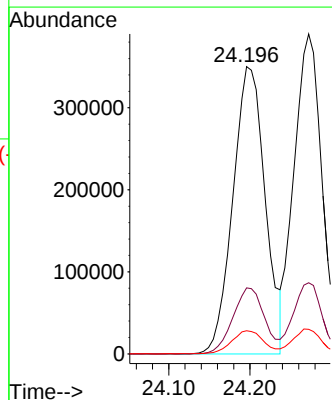
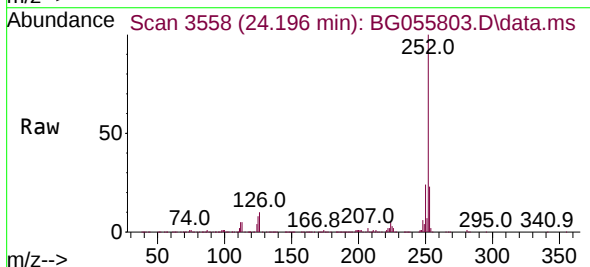
APPROVED

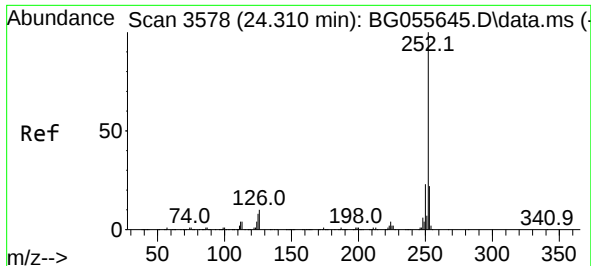
Reviewed By :Christian Giraldo 11/29/2022
 Supervised By :Jagrut Upadhyay 11/29/2022



#88
 Benzo(b)fluoranthene
 Concen: 40.728 ng
 RT: 24.196 min Scan# 3558
 Delta R.T. -0.011 min
 Lab File: BG055803.D
 Acq: 28 Nov 2022 13:25

Tgt Ion:252 Resp: 967543
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.0 27.0
 125 8.1 6.2 9.2





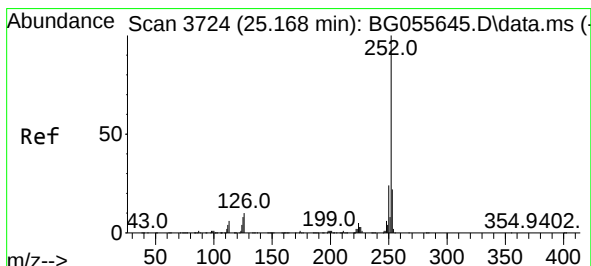
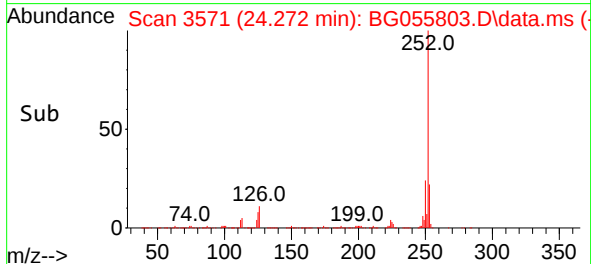
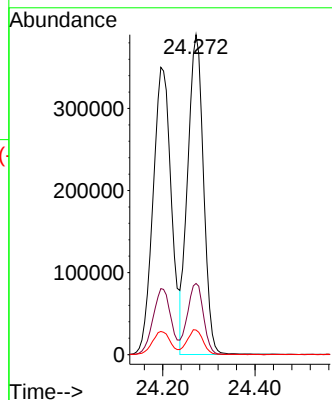
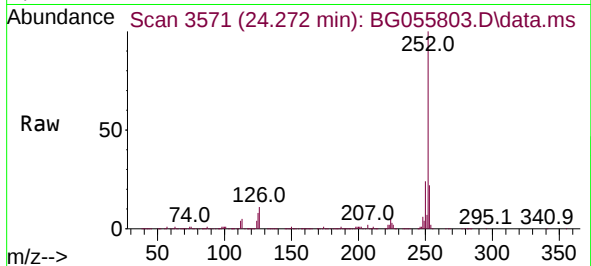
#89
Benzo(k)fluoranthene
Concen: 39.086 ng
RT: 24.272 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Instrument :
BNA_G
ClientSampleId :
PB149281BS

Tgt Ion:252 Resp: 925552
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 7.7 6.1 9.1

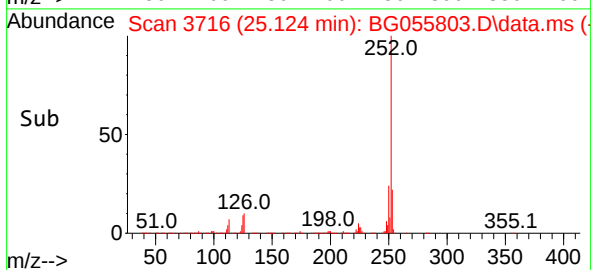
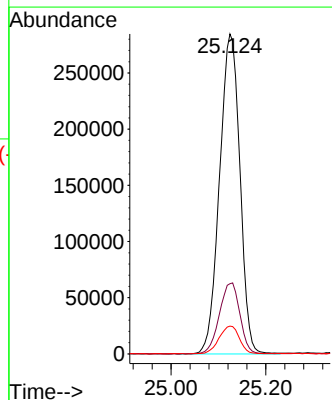
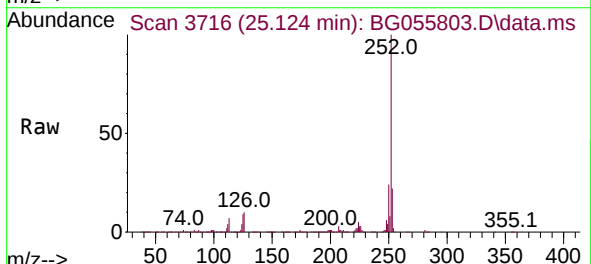
Manual Integrations
APPROVED

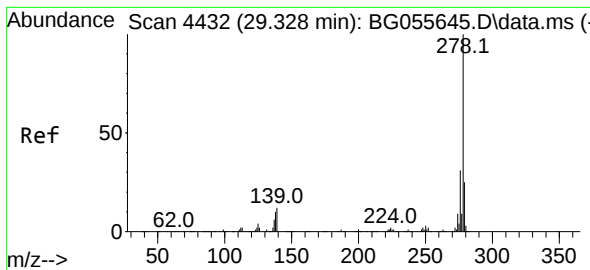
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#90
Benzo(a)pyrene
Concen: 41.616 ng
RT: 25.124 min Scan# 3716
Delta R.T. -0.005 min
Lab File: BG055803.D
Acq: 28 Nov 2022 13:25

Tgt Ion:252 Resp: 848372
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 8.7 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 38.066 ng

RT: 29.261 min Scan# 44

Delta R.T. -0.005 min

Lab File: BG055803.D

Acq: 28 Nov 2022 13:25

Instrument :

BNA_G

ClientSampleId :

PB149281BS

Tgt Ion:278 Resp: 92956

Ion Ratio Lower Upper

278 100

139 11.8 9.8 14.8

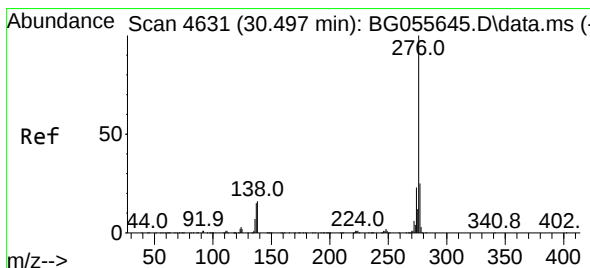
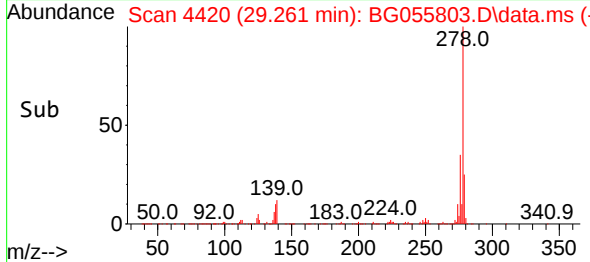
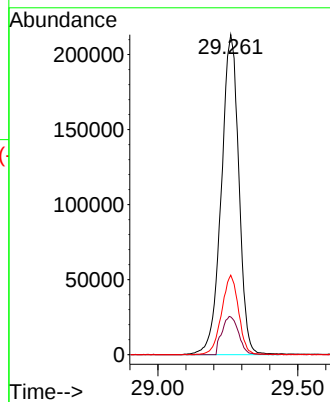
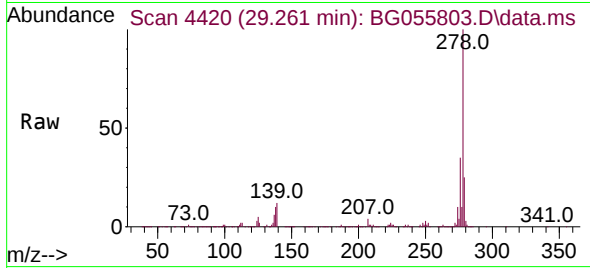
279 24.8 19.8 29.6

Manual Integrations

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Reviewed By :Christian Giraldo 11/29/2022

Supervised By :Jagrut Upadhyay 11/29/2022



#92

Benzo(g,h,i)perylene

Concen: 36.855 ng

RT: 30.424 min Scan# 4618

Delta R.T. -0.011 min

Lab File: BG055803.D

Acq: 28 Nov 2022 13:25

Tgt Ion:276 Resp: 907094

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.6

138 16.5 13.1 19.7

