

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
 Data File : BG055305.D
 Acq On : 26 Oct 2022 19:10
 Operator : CG/JU
 Sample : N5265-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

72-11976MSD

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 10/27/2022
 Supervised By : Jagrut Upadhyay 10/27/2022

10/27/2022

Supervised By : Jagrut
 Upadhyay

10/27/2022

Quant Time: Oct 27 10:39:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	34684	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	153094	20.000	ng	0.00
39) Acenaphthene-d10	14.885	164	102989	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	232766	20.000	ng	0.00
76) Chrysene-d12	21.901	240	214335	20.000	ng	0.00
86) Perylene-d12	25.297	264	227667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.802	112	304897	153.923	ng	0.01
7) Phenol-d6	7.418	99	398085	138.716	ng	0.00
23) Nitrobenzene-d5	9.445	82	277900	92.691	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	195321	174.459	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	606075	96.321	ng	0.00
79) Terphenyl-d14	20.191	244	1037472	100.569	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.616	88	39581	41.384	ng	# 27
3) Pyridine	4.039	79	99589	34.577	ng	98
4) n-Nitrosodimethylamine	3.939	42	53372	41.709	ng	95
6) Aniline	7.588	93	135105	35.962	ng	99
8) 2-Chlorophenol	7.835	128	121649	52.824	ng	98
9) Benzaldehyde	7.400	77	57718	29.457	ng	97
10) Phenol	7.447	94	144525	44.961	ng	100
11) bis(2-Chloroethyl)ether	7.676	93	115050	47.414	ng	98
12) 1,3-Dichlorobenzene	8.158	146	118370	47.109	ng	97
13) 1,4-Dichlorobenzene	8.311	146	119258	46.467	ng	97
14) 1,2-Dichlorobenzene	8.634	146	118558	47.979	ng	96
15) Benzyl Alcohol	8.511	79	121499m	50.592	ng	
16) 2,2'-oxybis(1-Chloropr...	8.798	45	181582	45.726	ng	99
17) 2-Methylphenol	8.710	107	111839	49.196	ng	98
18) Hexachloroethane	9.368	117	43280	47.358	ng	96
19) n-Nitroso-di-n-propyla...	9.075	70	107557	45.133	ng	99
20) 3+4-Methylphenols	9.039	107	154477	47.444	ng	98
22) Acetophenone	9.098	105	192235	49.115	ng	# 98
24) Nitrobenzene	9.492	77	147578	47.274	ng	99
25) Isophorone	10.009	82	298305	49.260	ng	98
26) 2-Nitrophenol	10.209	139	70952	51.901	ng	92
27) 2,4-Dimethylphenol	10.256	122	127497	59.739	ng	98
28) bis(2-Chloroethoxy)met...	10.485	93	166348	54.406	ng	99
29) 2,4-Dichlorophenol	10.743	162	126105	55.079	ng	99
30) 1,2,4-Trichlorobenzene	10.961	180	112451	48.123	ng	98
31) Naphthalene	11.155	128	543885	66.595	ng	100
32) Benzoic acid	10.361	122	7508m	8.397	ng	
33) 4-Chloroaniline	11.254	127	62426	17.879	ng	98
34) Hexachlorobutadiene	11.431	225	66462	49.780	ng	98
35) Caprolactam	12.030	113	41109	38.687	ng	97
36) 4-Chloro-3-methylphenol	12.359	107	149241	51.803	ng	100
37) 2-Methylnaphthalene	12.735	142	286197	48.604	ng	99
38) 1-Methylnaphthalene	12.952	142	274215	47.204	ng	99
40) 1,2,4,5-Tetrachloroben...	13.099	216	132247	53.240	ng	100
41) Hexachlorocyclopentadiene	13.070	237	120412	100.568	ng	96
43) 2,4,6-Trichlorophenol	13.334	196	101473	55.310	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
 Data File : BG055305.D
 Acq On : 26 Oct 2022 19:10
 Operator : CG/JU
 Sample : N5265-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

72-11976MSD

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/27/2022
 Supervised By :Jagrut Upadhyay 10/27/2022

Quant Time: Oct 27 10:39:12 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 24 16:54:05 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.405	196	112124	55.255	ng	99
46) 1,1'-Biphenyl	13.722	154	377623	53.460	ng	99
47) 2-Chloronaphthalene	13.775	162	277607	49.838	ng	99
48) 2-Nitroaniline	13.969	65	107559	49.376	ng	98
49) Acenaphthylene	14.615	152	482507	50.180	ng	99
50) Dimethylphthalate	14.327	163	398447	49.275	ng	100
51) 2,6-Dinitrotoluene	14.451	165	85926	52.221	ng	97
52) Acenaphthene	14.950	154	294709m	48.083	ng	
53) 3-Nitroaniline	14.786	138	67253	32.520	ng	97
54) 2,4-Dinitrophenol	14.991	184	22389	26.129	ng	96
55) Dibenzofuran	15.279	168	459903	50.015	ng	99
56) 4-Nitrophenol	15.091	139	135973	91.925	ng	96
57) 2,4-Dinitrotoluene	15.238	165	123191	51.592	ng	92
58) Fluorene	15.925	166	380002	49.666	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.502	232	97982	54.162	ng	97
60) Diethylphthalate	15.673	149	419083	48.722	ng	98
61) 4-Chlorophenyl-phenyle...	15.908	204	183832	52.285	ng	99
62) 4-Nitroaniline	15.943	138	101433	46.673	ng	99
63) Azobenzene	16.202	77	399740	47.704	ng	98
65) 4,6-Dinitro-2-methylph...	15.996	198	31490	24.609	ng	95
66) n-Nitrosodiphenylamine	16.119	169	339157	52.349	ng	100
67) 4-Bromophenyl-phenylether	16.801	248	122927	54.358	ng	95
68) Hexachlorobenzene	16.924	284	136777	53.493	ng	95
69) Atrazine	17.053	200	133104	60.418	ng	98
70) Pentachlorophenol	17.265	266	115470	79.940	ng	97
71) Phenanthrene	17.659	178	620413	49.979	ng	99
72) Anthracene	17.753	178	627510	51.708	ng	100
73) Carbazole	18.017	167	602444	51.613	ng	100
74) Di-n-butylphthalate	18.546	149	745322	51.082	ng	100
75) Fluoranthene	19.650	202	721452	49.877	ng	99
77) Benzidine	19.815	184	243133	46.850	ng	99
78) Pyrene	20.009	202	727743	49.536	ng	99
80) Butylbenzylphthalate	20.867	149	329234	47.424	ng	96
81) Benzo(a)anthracene	21.877	228	685673	47.639	ng	99
82) 3,3'-Dichlorobenzidine	21.777	252	176012	37.548	ng	99
83) Chrysene	21.948	228	640429	46.843	ng	100
84) Bis(2-ethylhexyl)phtha...	21.742	149	481103	48.511	ng	99
85) Di-n-octyl phthalate	23.011	149	806913	48.839	ng	99
87) Indeno(1,2,3-cd)pyrene	29.210	276	820686	48.806	ng	97
88) Benzo(b)fluoranthene	24.210	252	725007	52.941	ng	99
89) Benzo(k)fluoranthene	24.286	252	709017	51.273	ng	98
90) Benzo(a)pyrene	25.138	252	639141	54.424	ng	100
91) Dibenzo(a,h)anthracene	29.274	278	710848	51.514	ng	99
92) Benzo(g,h,i)perylene	30.438	276	696950	50.921	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
 Data File : BG055305.D
 Acq On : 26 Oct 2022 19:10
 Operator : CG/JU
 Sample : N5265-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

72-11976MSD

Manual Integrations

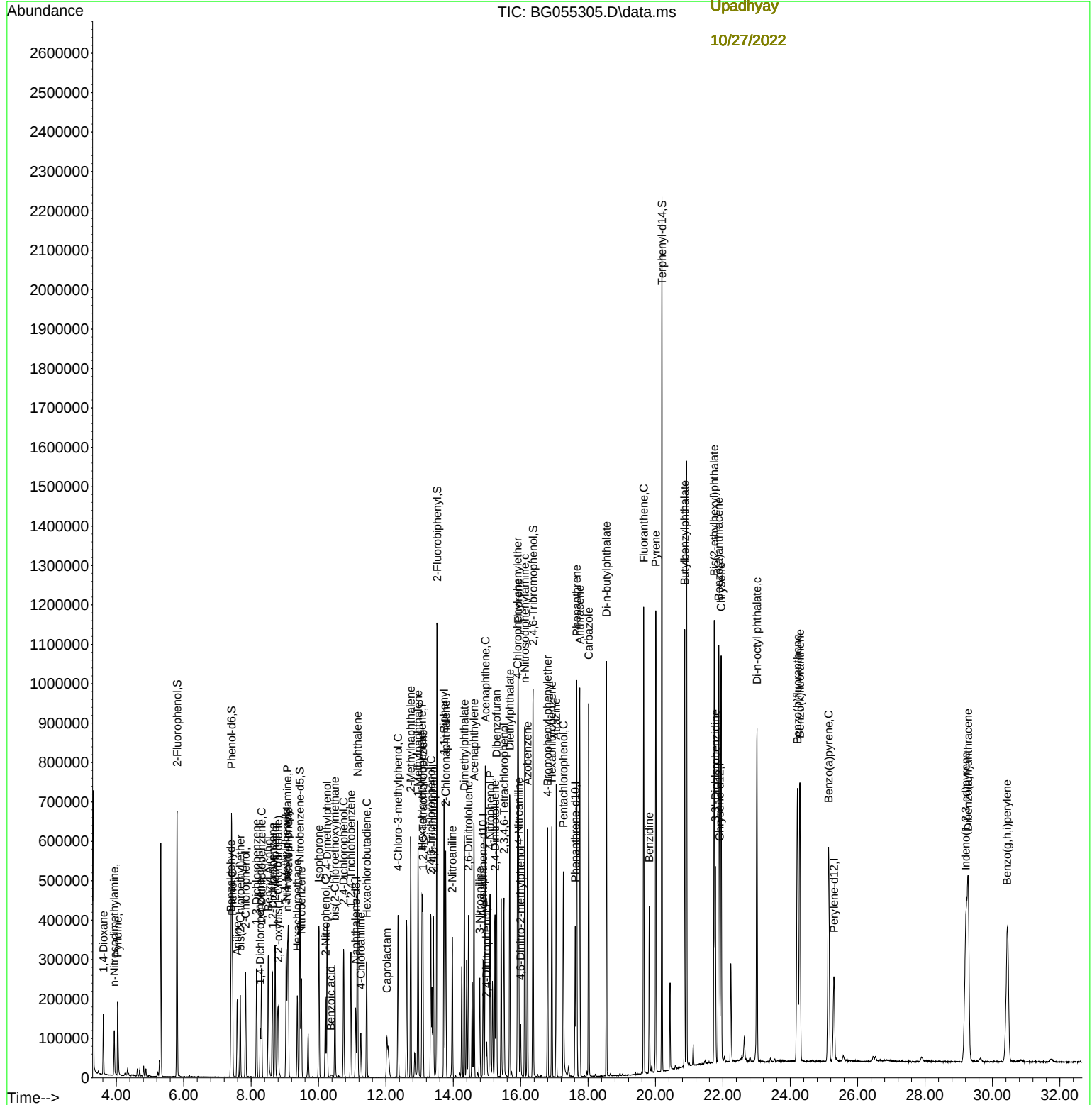
APPROVED

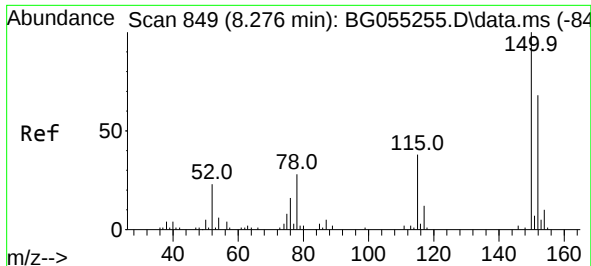
Reviewed By : Christian Giraldo 10/27/2022
 Supervised By : Jagrut Upadhyay 10/27/2022

10/27/2022

Supervised By : Jagrut
 Upadhyay

10/27/2022





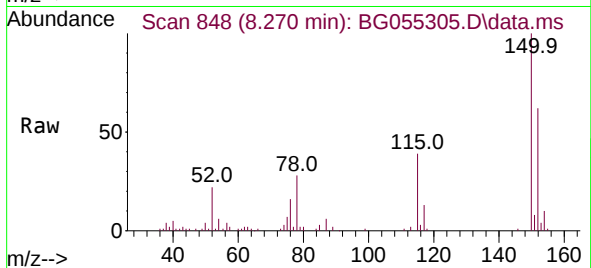
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :

BNA_G

ClientSampleId :

72-11976MSD



Tgt Ion:152 Resp: 34684
Ion Ratio Lower Upper
152 100
150 161.9 118.2 177.4
115 62.9 44.5 66.7

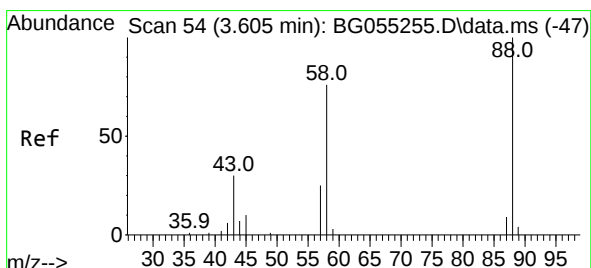
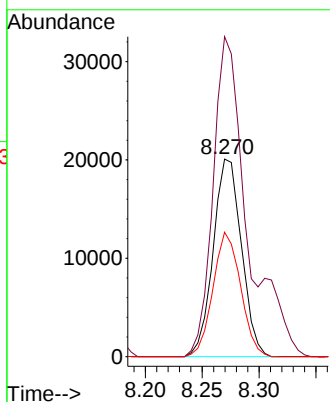
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

10/27/2022

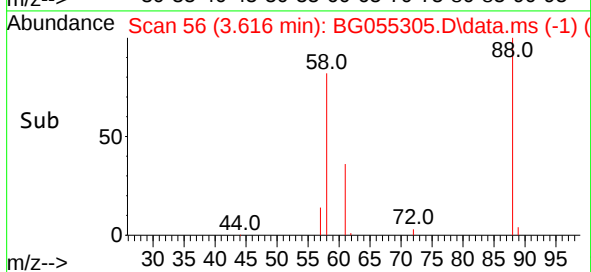
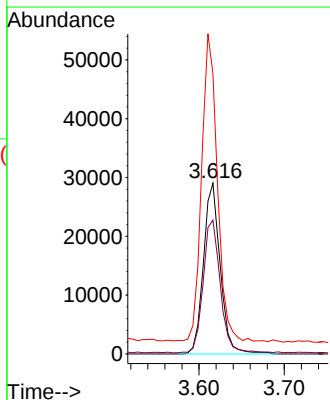
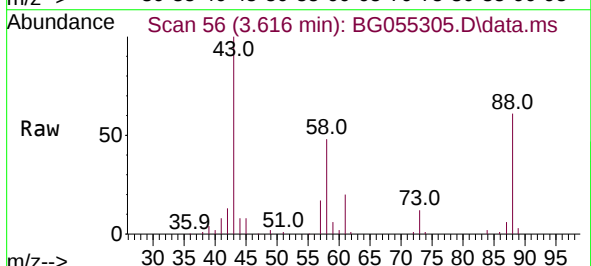
Supervised By :Jagrut
Upadhyay

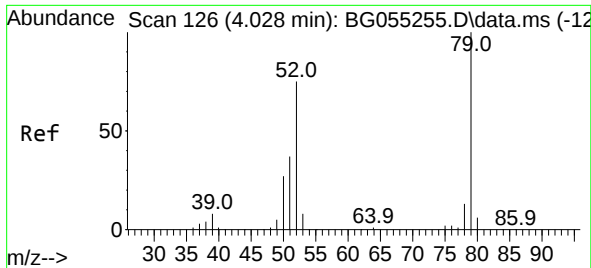
10/27/2022



#2
1,4-Dioxane
Concen: 41.384 ng
RT: 3.616 min Scan# 56
Delta R.T. 0.011 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Tgt Ion: 88 Resp: 39581
Ion Ratio Lower Upper
88 100
58 79.0 61.0 91.6
43 167.4 21.5 32.3#





#3
Pyridine
Concen: 34.577 ng
RT: 4.039 min Scan# 110
Delta R.T. 0.011 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :

BNA_G

ClientSampleId :

72-11976MSD

Tgt Ion: 79 Resp: 99589
Ion Ratio Lower Upper
79 100
52 73.9 59.9 89.9
51 35.7 30.3 45.5

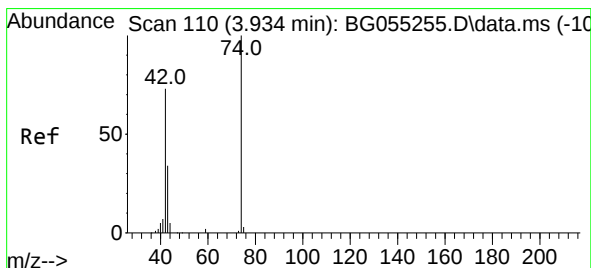
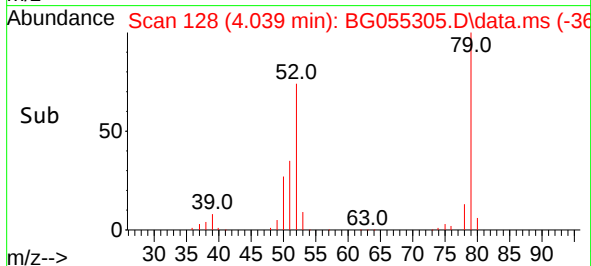
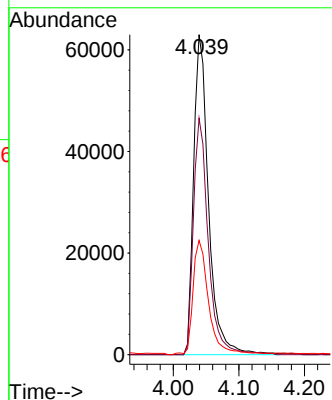
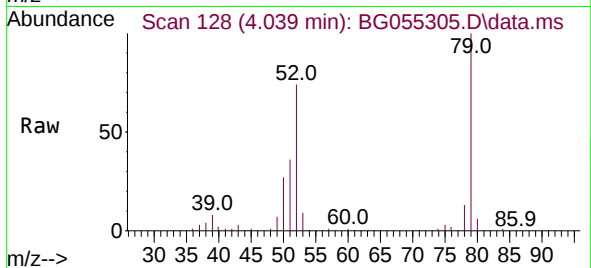
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

10/27/2022

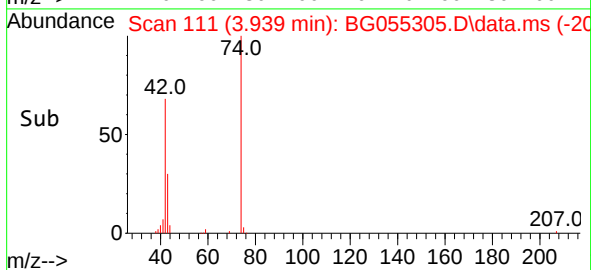
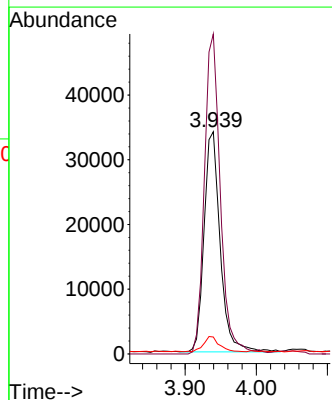
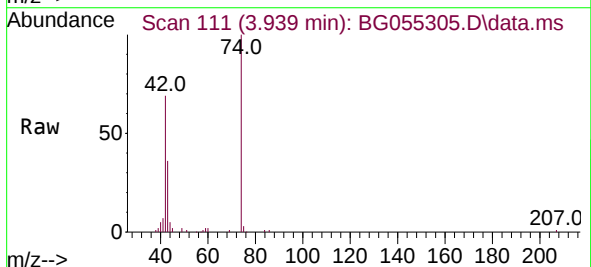
Supervised By :Jagrut
Upadhyay

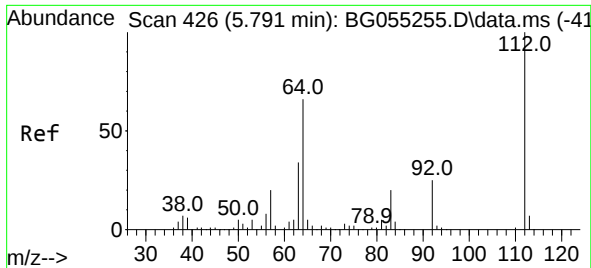
10/27/2022



#4
n-Nitrosodimethylamine
Concen: 41.709 ng
RT: 3.939 min Scan# 111
Delta R.T. 0.005 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Tgt Ion: 42 Resp: 53372
Ion Ratio Lower Upper
42 100
74 144.0 109.8 164.6
44 7.6 6.5 9.7





#5
2-Fluorophenol
Concen: 153.923 ng
RT: 5.802 min Scan# 426
Delta R.T. 0.011 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD

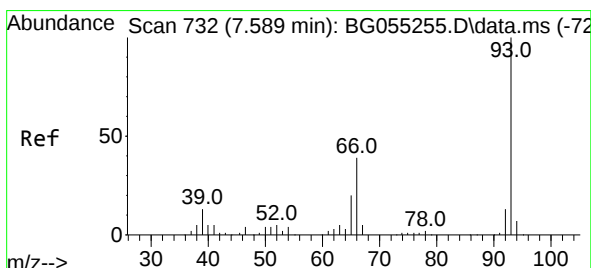
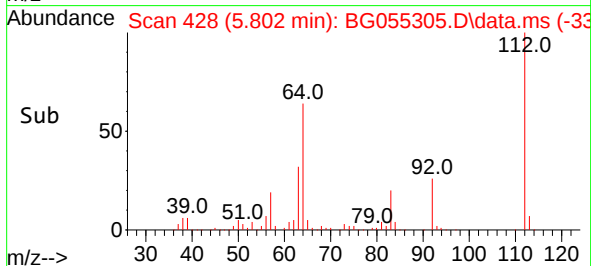
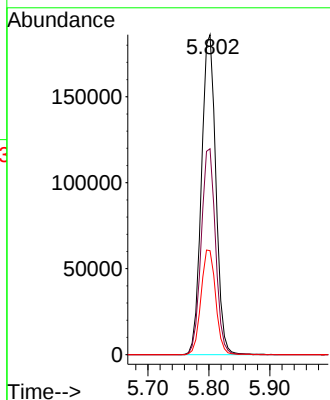
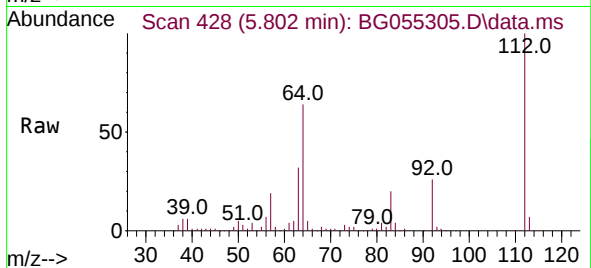
Tgt Ion:112 Resp: 304897
Ion Ratio Lower Upper
112 100
64 64.3 52.6 78.8
63 32.5 27.1 40.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

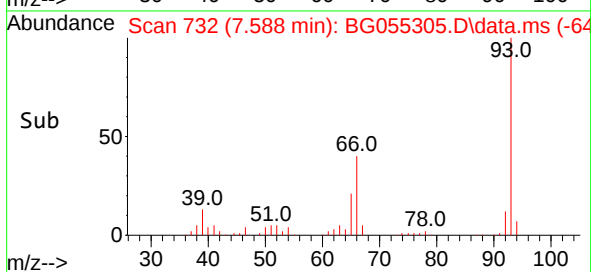
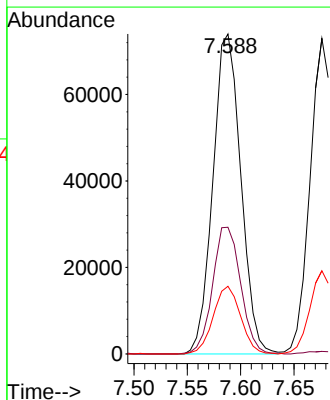
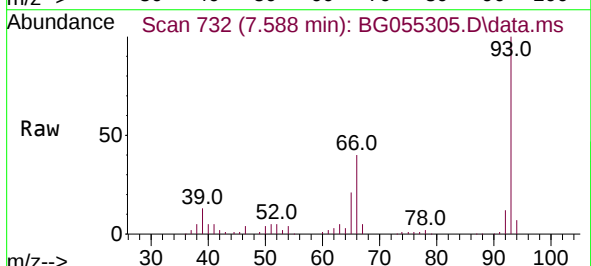
10/27/2022
Supervised By :Jagrut
Upadhyay

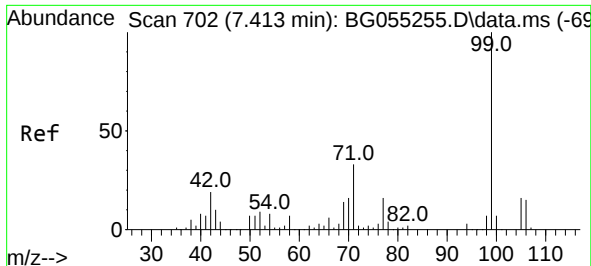
10/27/2022



#6
Aniline
Concen: 35.962 ng
RT: 7.588 min Scan# 732
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

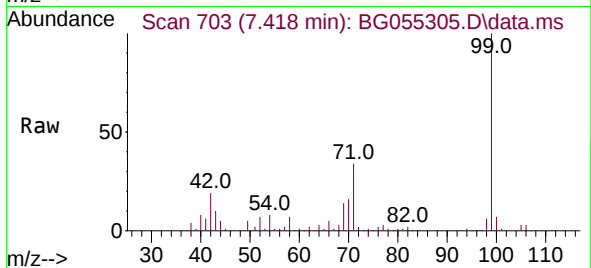
Tgt Ion: 93 Resp: 135105
Ion Ratio Lower Upper
93 100
66 39.6 31.6 47.4
65 21.1 16.0 24.0





#7
Phenol-d6
Concen: 138.716 ng
RT: 7.418 min Scan# 702
Delta R.T. 0.005 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



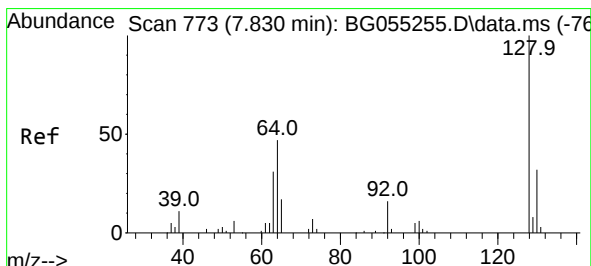
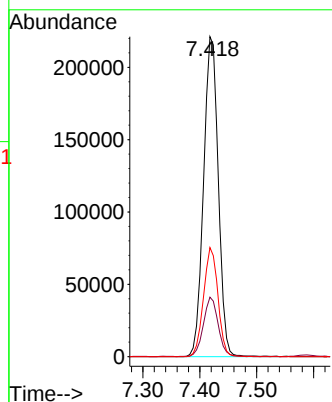
Tgt Ion: 99 Resp: 398085
Ion Ratio Lower Upper
99 100
42 18.6 15.2 22.8
71 34.1 26.2 39.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

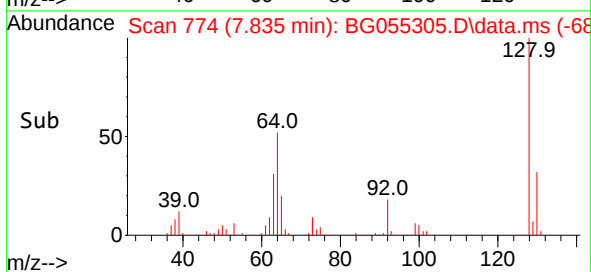
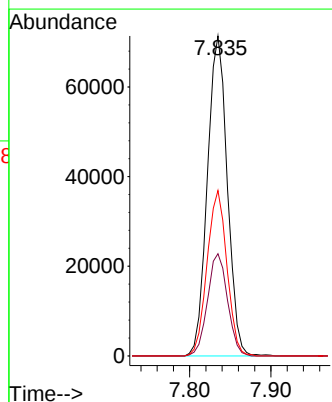
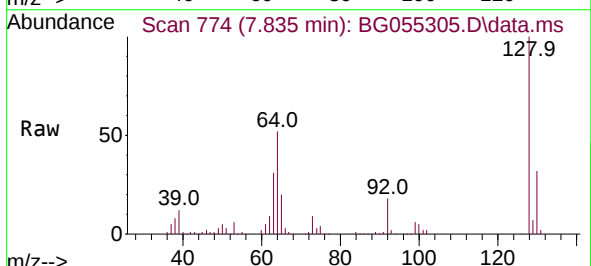
10/27/2022
Supervised By :Jagrut
Upadhyay

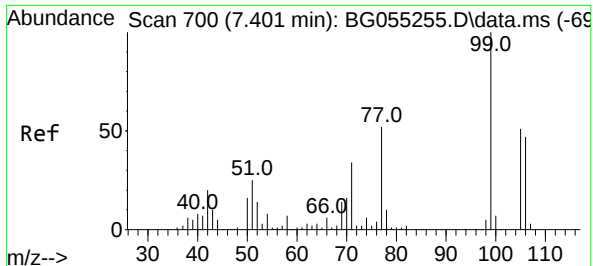
10/27/2022



#8
2-Chlorophenol
Concen: 52.824 ng
RT: 7.835 min Scan# 774
Delta R.T. 0.005 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

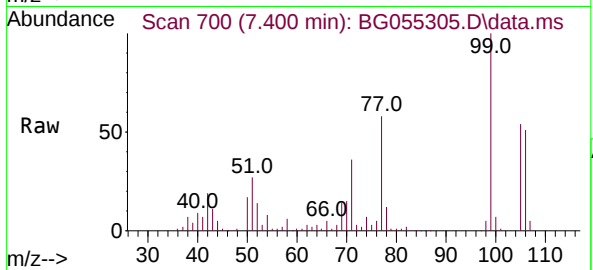
Tgt Ion:128 Resp: 121649
Ion Ratio Lower Upper
128 100
130 31.9 12.4 52.4
64 51.7 33.2 73.2





#9
Benzaldehyde
Concen: 29.457 ng
RT: 7.400 min Scan# 700
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



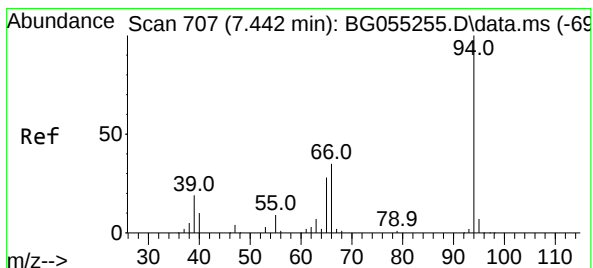
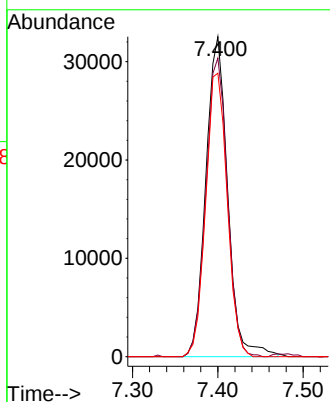
Tgt Ion: 77 Resp: 57718
Ion Ratio Lower Upper
77 100
105 93.3 77.9 117.9
106 88.6 69.9 109.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

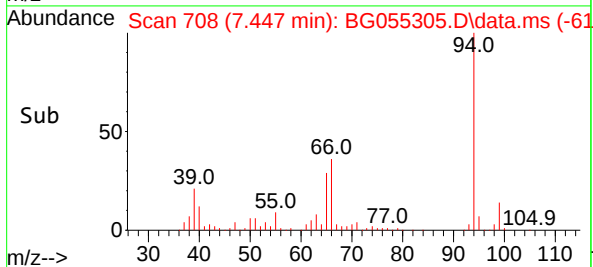
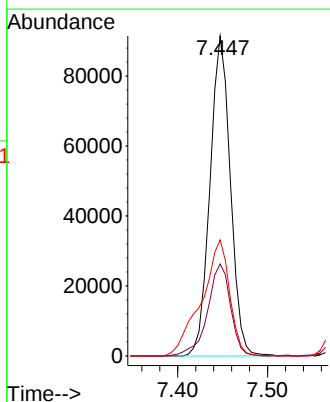
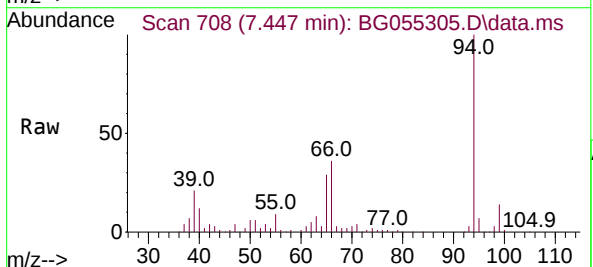
10/27/2022
Supervised By :Jagrut
Upadhyay

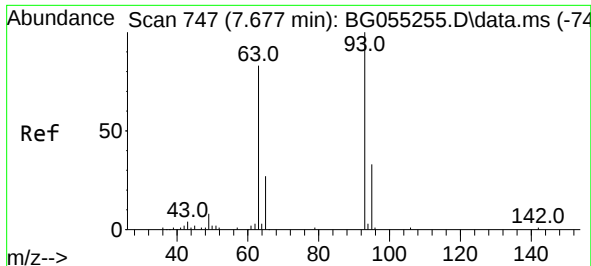
10/27/2022



#10
Phenol
Concen: 44.961 ng
RT: 7.447 min Scan# 708
Delta R.T. 0.005 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

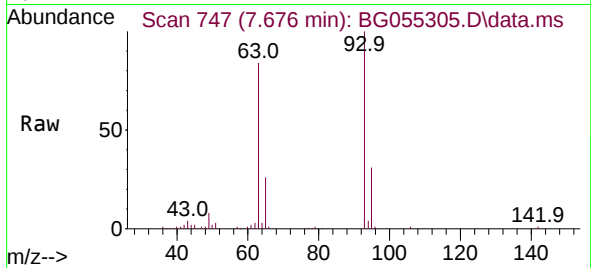
Tgt Ion: 94 Resp: 144525
Ion Ratio Lower Upper
94 100
65 28.7 8.4 48.4
66 36.2 16.3 56.3





#11
bis(2-Chloroethyl)ether
Concen: 47.414 ng
RT: 7.676 min Scan# 74
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



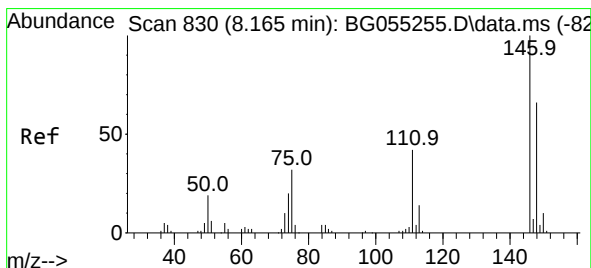
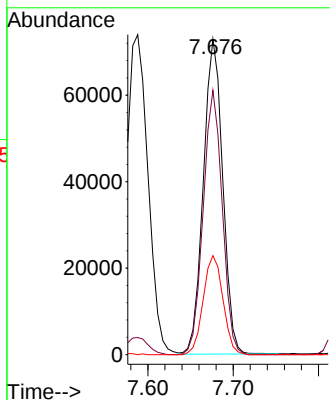
Tgt Ion: 93 Resp: 115050
Ion Ratio Lower Upper
93 100
63 83.7 62.0 102.0
95 31.4 12.4 52.4

Manual Integrations
APPROVED

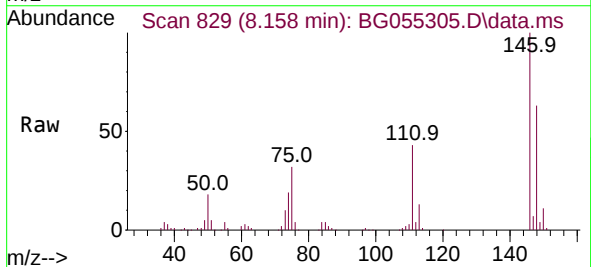
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

10/27/2022
Supervised By :Jagrut
Upadhyay

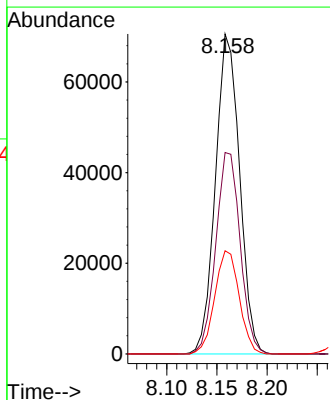
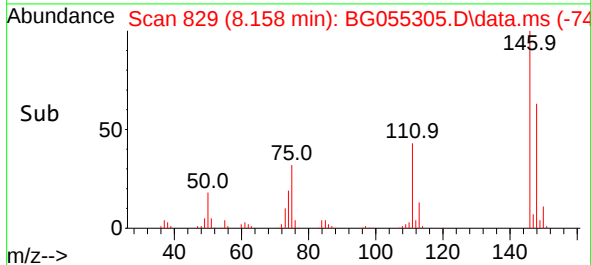
10/27/2022

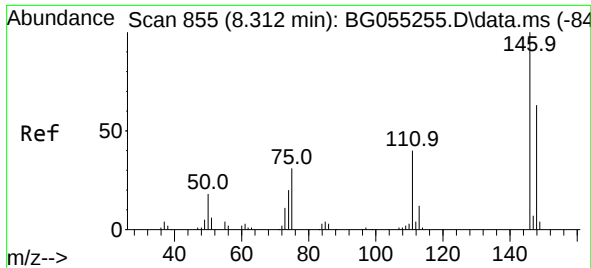


#12
1,3-Dichlorobenzene
Concen: 47.109 ng
RT: 8.158 min Scan# 829
Delta R.T. -0.007 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10



Tgt Ion:146 Resp: 118370
Ion Ratio Lower Upper
146 100
148 62.9 52.9 79.3
75 32.2 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 46.467 ng

RT: 8.311 min Scan# 855

Delta R.T. -0.001 min

Lab File: BG055305.D

Acq: 26 Oct 2022 19:10

Instrument :

BNA_G

ClientSampleId :

72-11976MSD

Tgt Ion:146 Resp: 119258
 Ion Ratio Lower Upper
 146 100
 148 66.0 50.5 75.7
 111 41.2 32.4 48.6

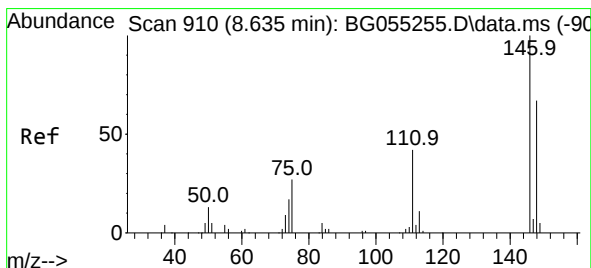
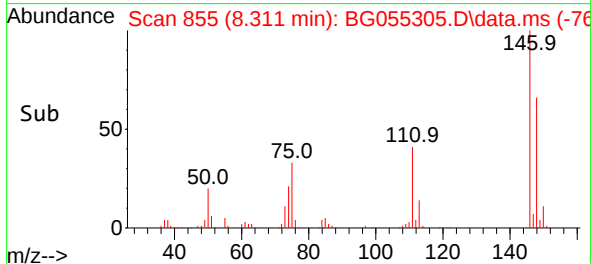
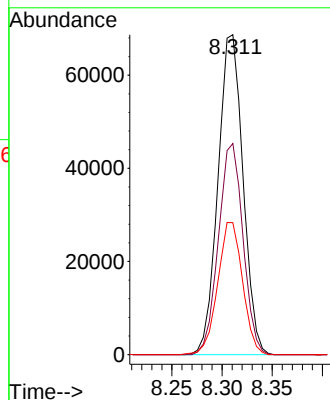
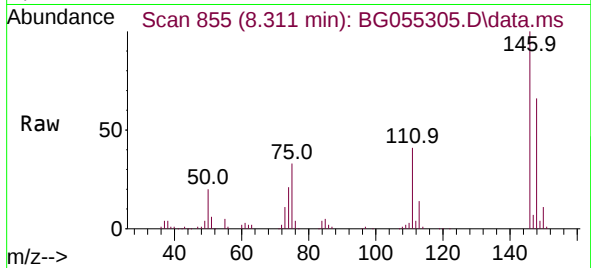
Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/27/2022
 Supervised By :Jagrut Upadhyay 10/27/2022

10/27/2022

Supervised By :Jagrut
 Upadhyay

10/27/2022



#14

1,2-Dichlorobenzene

Concen: 47.979 ng

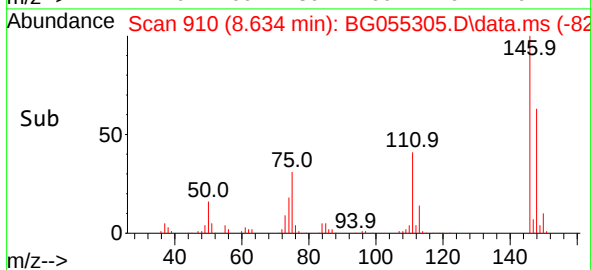
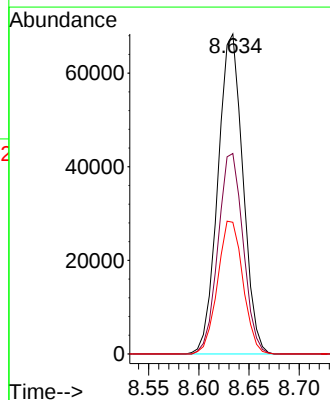
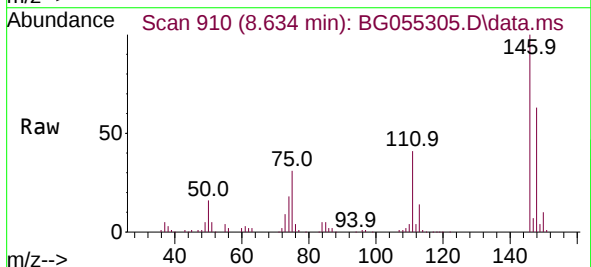
RT: 8.634 min Scan# 910

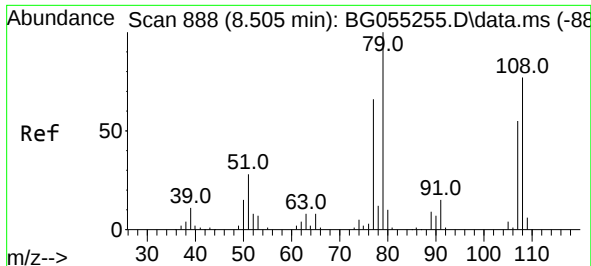
Delta R.T. -0.001 min

Lab File: BG055305.D

Acq: 26 Oct 2022 19:10

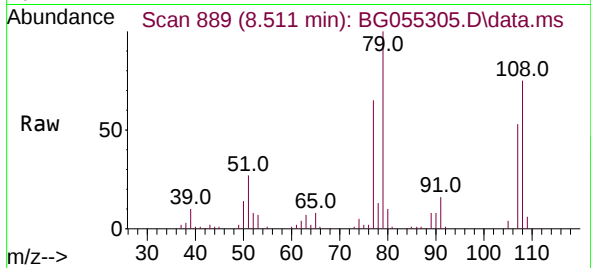
Tgt Ion:146 Resp: 118558
 Ion Ratio Lower Upper
 146 100
 148 62.6 53.4 80.0
 111 41.1 34.0 51.0





#15
Benzyl Alcohol
Concen: 50.592 ng m
RT: 8.511 min Scan# 888
Delta R.T. 0.005 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



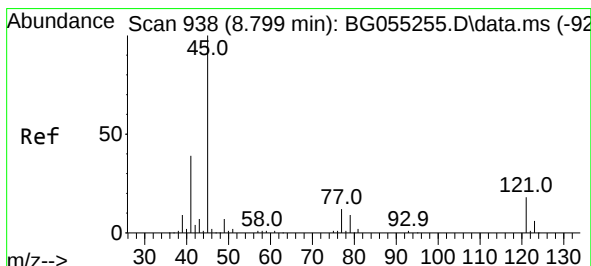
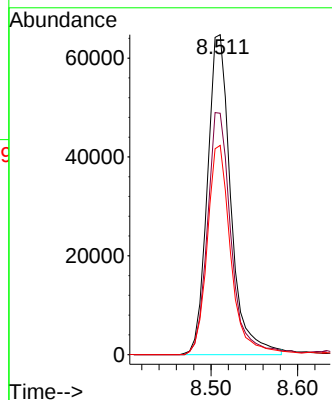
Tgt Ion: 79 Resp: 121499
Ion Ratio Lower Upper
79 100
108 75.4 61.3 91.9
77 65.4 52.7 79.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

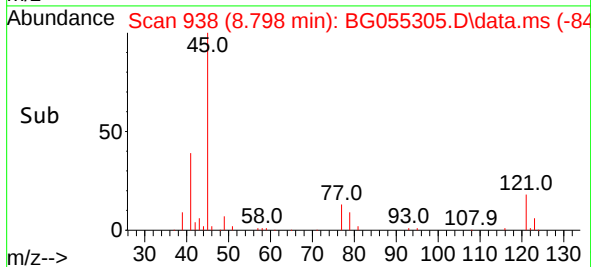
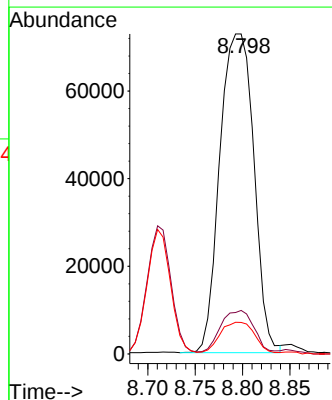
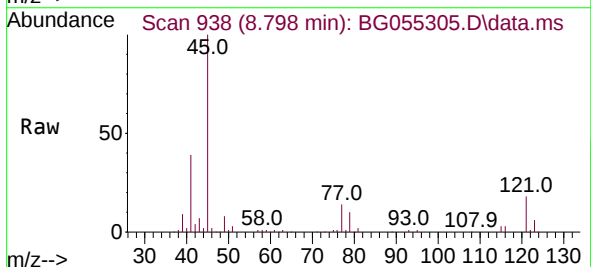
10/27/2022
Supervised By :Jagrut
Upadhyay

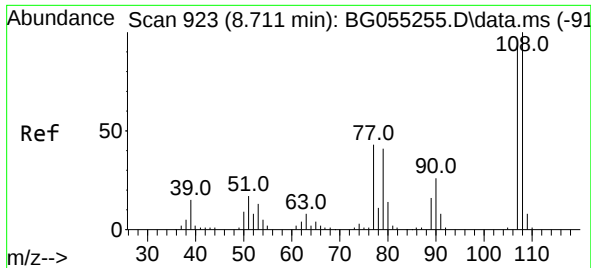
10/27/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.726 ng
RT: 8.798 min Scan# 938
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Tgt Ion: 45 Resp: 181582
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.9
79 9.8 0.0 29.6





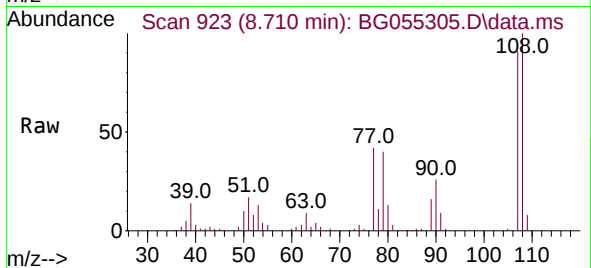
#17
2-Methylphenol
Concen: 49.196 ng
RT: 8.710 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :

BNA_G

ClientSampleId :

72-11976MSD



Tgt Ion:107 Resp: 111839
Ion Ratio Lower Upper
107 100
108 109.9 86.0 129.0
77 45.7 37.4 56.0
79 44.4 35.4 53.2

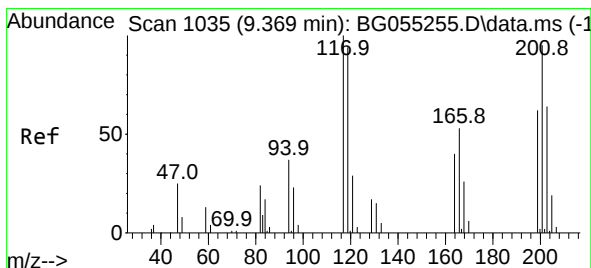
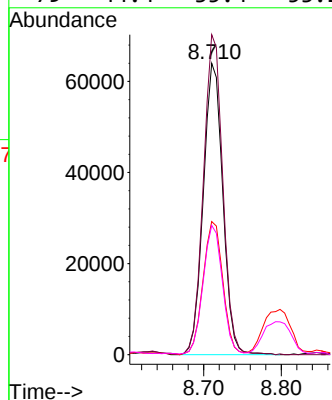
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

10/27/2022

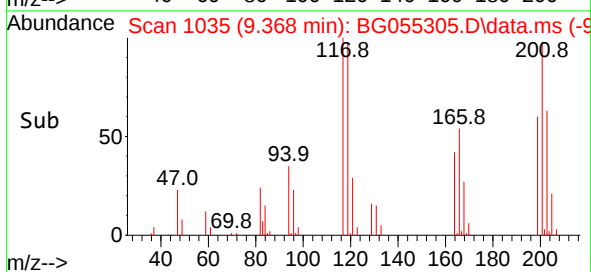
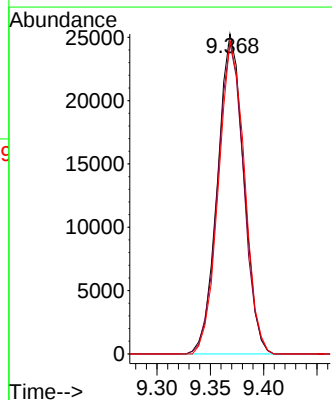
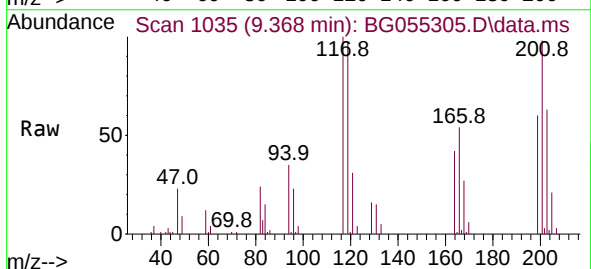
Supervised By :Jagrut
Upadhyay

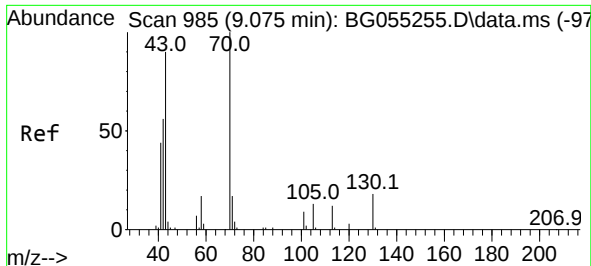
10/27/2022



#18
Hexachloroethane
Concen: 47.358 ng
RT: 9.368 min Scan# 1035
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

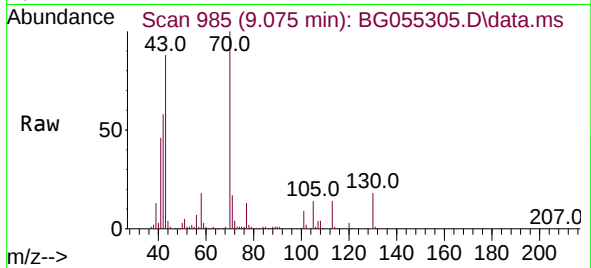
Tgt Ion:117 Resp: 43280
Ion Ratio Lower Upper
117 100
119 97.2 75.4 113.2
201 100.3 75.8 113.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.133 ng
RT: 9.075 min Scan# 985
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



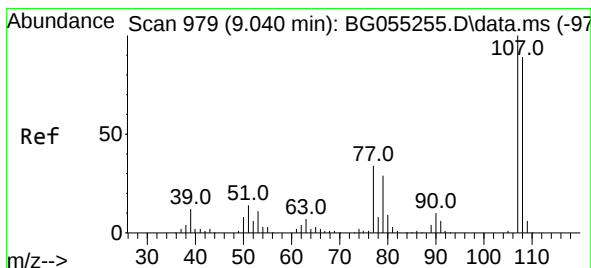
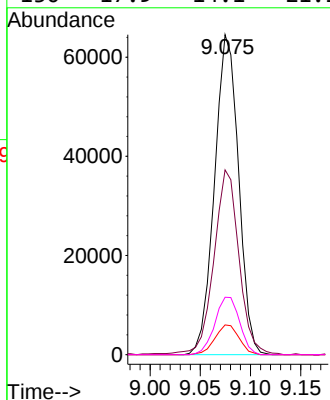
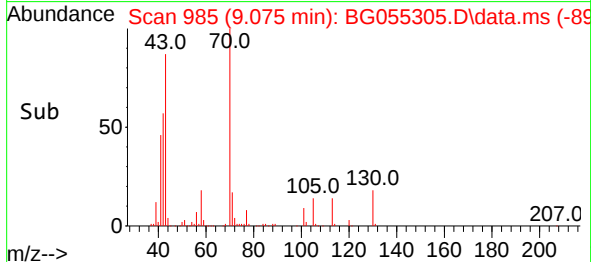
Tgt Ion: 70 Resp: 10755
Ion Ratio Lower Upper
70 100
42 57.7 45.8 68.6
101 9.3 7.4 11.0
130 17.9 14.1 21.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

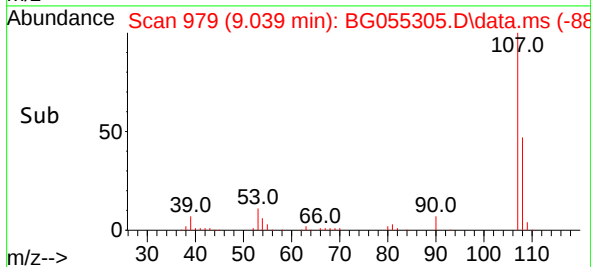
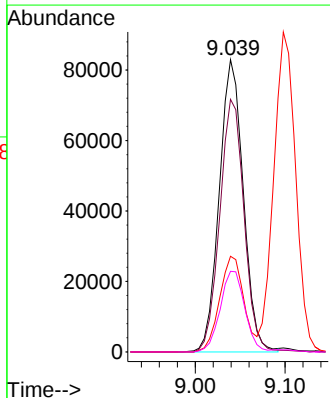
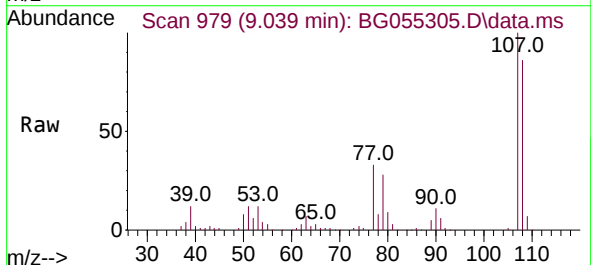
10/27/2022
Supervised By :Jagrut
Upadhyay

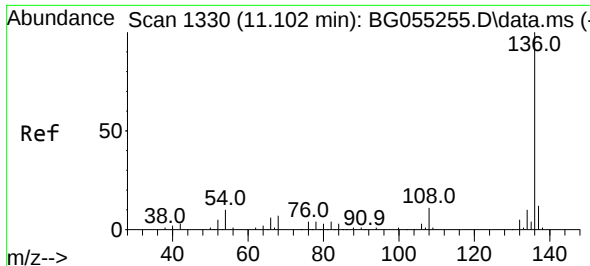
10/27/2022



#20
3+4-Methylphenols
Concen: 47.444 ng
RT: 9.039 min Scan# 979
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Tgt Ion:107 Resp: 154477
Ion Ratio Lower Upper
107 100
108 86.4 68.5 108.5
77 32.7 14.0 54.0
79 27.6 8.9 48.9





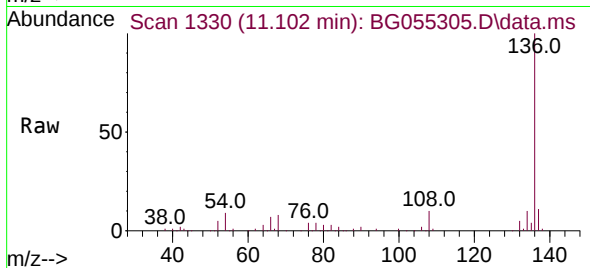
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :

BNA_G

ClientSampleId :

72-11976MSD



Tgt Ion:136 Resp: 153094
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 8.7 7.8 11.8
68 7.6 5.8 8.6

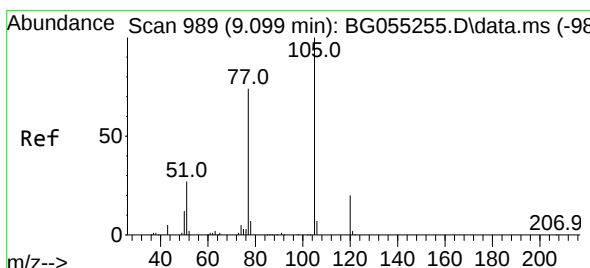
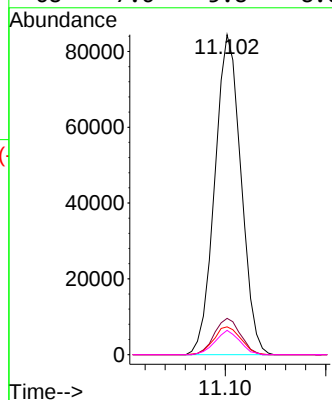
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

10/27/2022

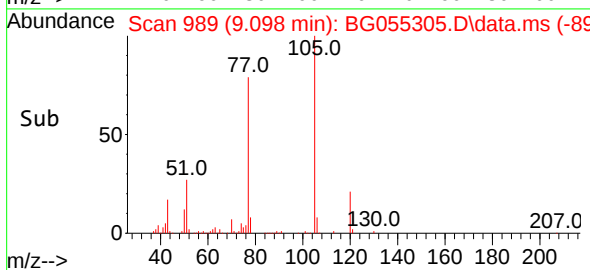
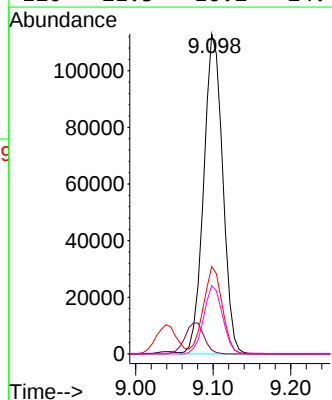
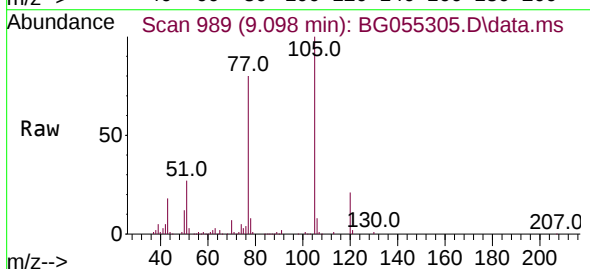
Supervised By :Jagrut
Upadhyay

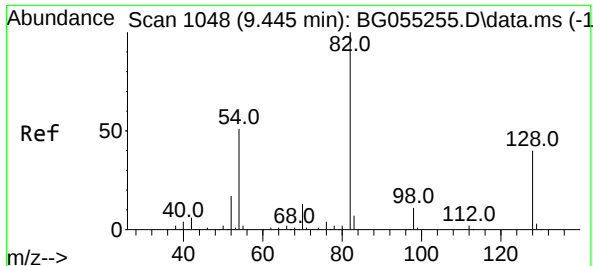
10/27/2022



#22
Acetophenone
Concen: 49.115 ng
RT: 9.098 min Scan# 989
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Tgt Ion:105 Resp: 192235
Ion Ratio Lower Upper
105 100
71 1.2 0.8 1.2#
51 27.3 22.9 34.3
120 21.3 16.2 24.4





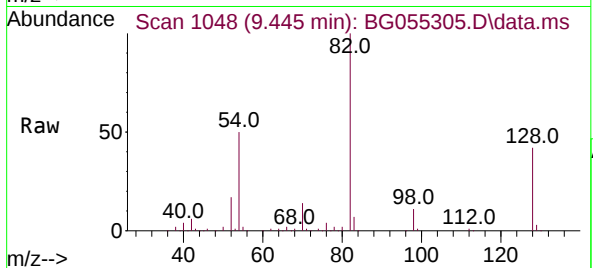
#23
Nitrobenzene-d5
Concen: 92.691 ng
RT: 9.445 min Scan# 1048
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :

BNA_G

ClientSampleId :

72-11976MSD



Tgt Ion: 82 Resp: 277900
Ion Ratio Lower Upper
82 100
128 42.1 32.0 48.0
54 50.3 40.9 61.3

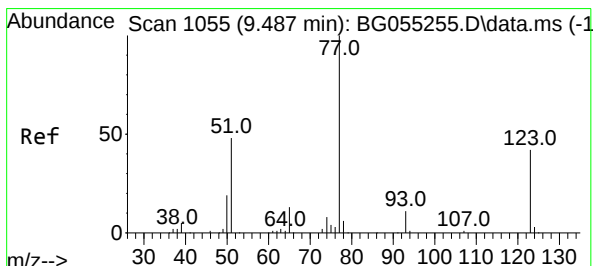
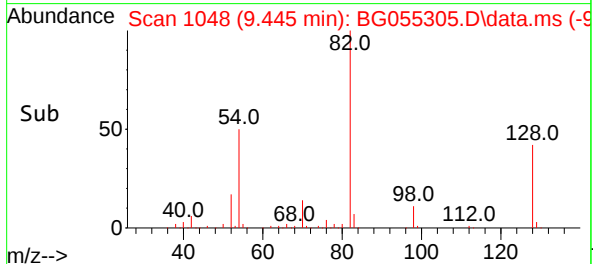
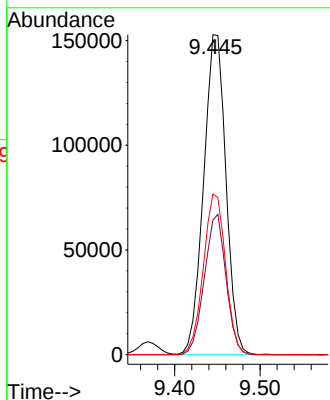
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

10/27/2022

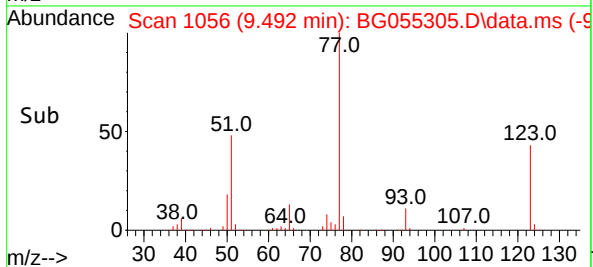
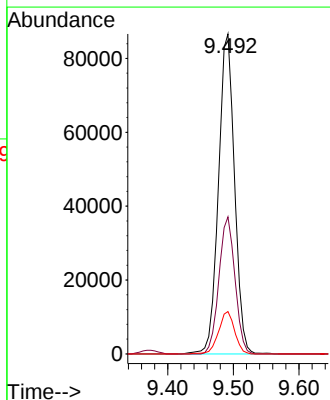
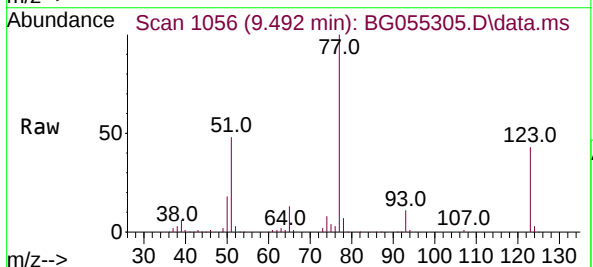
Supervised By :Jagrut
Upadhyay

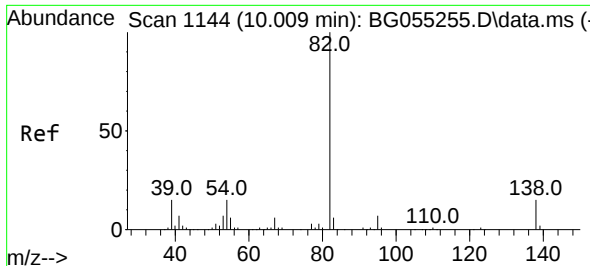
10/27/2022



#24
Nitrobenzene
Concen: 47.274 ng
RT: 9.492 min Scan# 1056
Delta R.T. 0.005 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

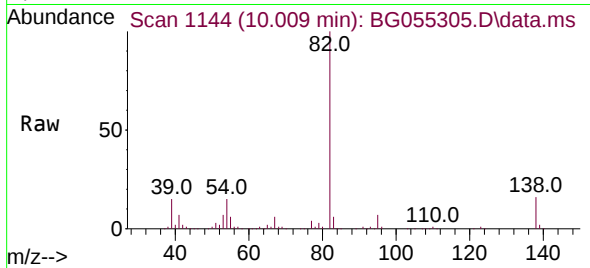
Tgt Ion: 77 Resp: 147578
Ion Ratio Lower Upper
77 100
123 42.8 33.6 50.4
65 13.2 10.2 15.4





#25
Isophorone
Concen: 49.260 ng
RT: 10.009 min Scan# 1144
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



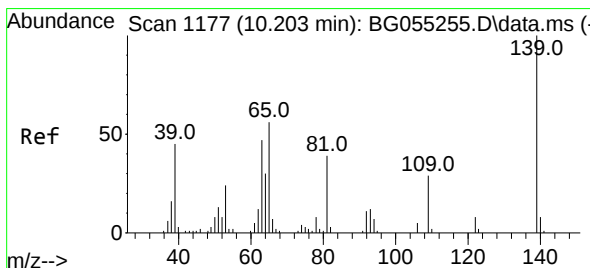
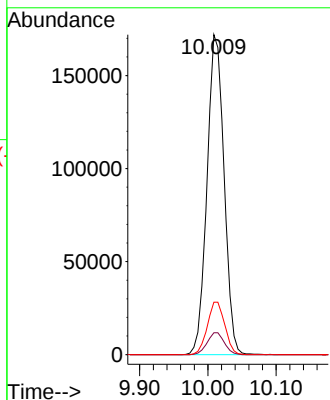
Tgt Ion: 82 Resp: 298305
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 16.4 12.2 18.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

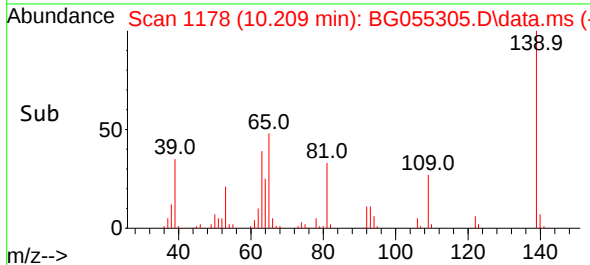
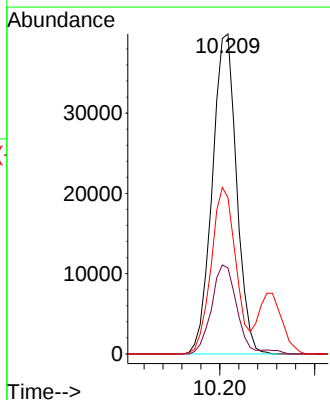
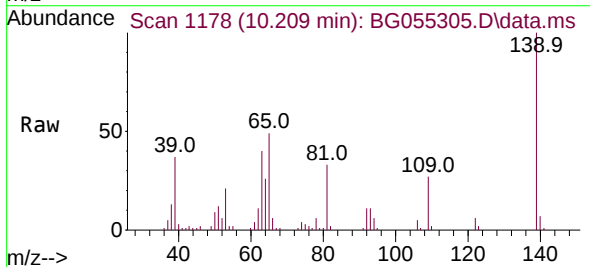
10/27/2022
Supervised By :Jagrut
Upadhyay

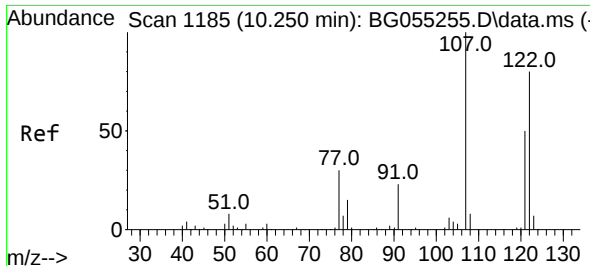
10/27/2022



#26
2-Nitrophenol
Concen: 51.901 ng
RT: 10.209 min Scan# 1178
Delta R.T. 0.005 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Tgt Ion:139 Resp: 70952
Ion Ratio Lower Upper
139 100
109 26.9 23.3 34.9
65 48.8 45.2 67.8





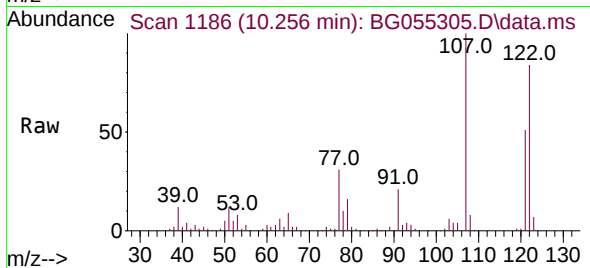
#27
2,4-Dimethylphenol
Concen: 59.739 ng
RT: 10.256 min Scan# 1185
Delta R.T. 0.005 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :

BNA_G

ClientSampleId :

72-11976MSD



Tgt Ion:122 Resp: 127497
Ion Ratio Lower Upper
122 100
107 118.8 97.3 145.9
121 60.1 48.5 72.7

Manual Integrations

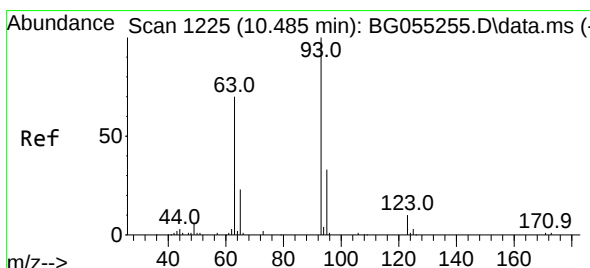
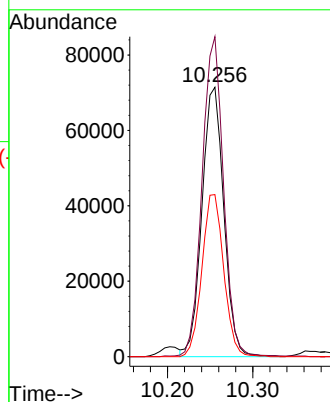
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

10/27/2022

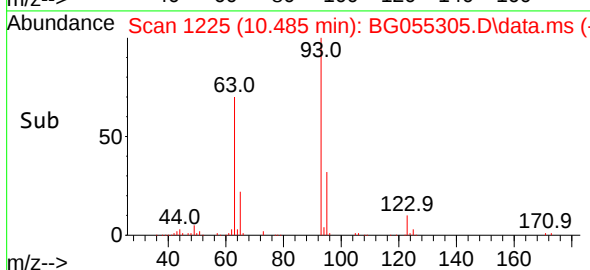
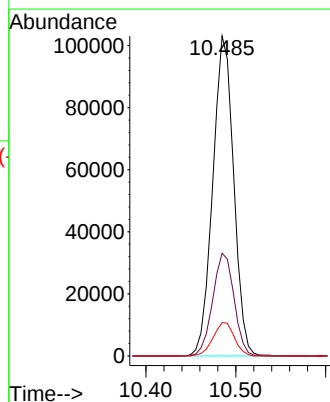
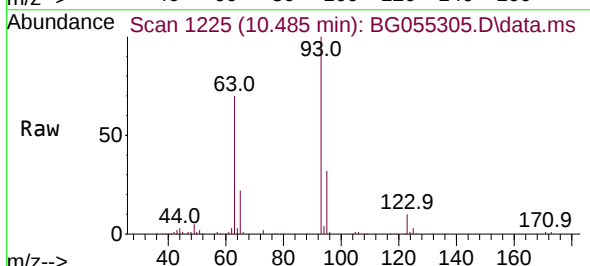
Supervised By :Jagrut
Upadhyay

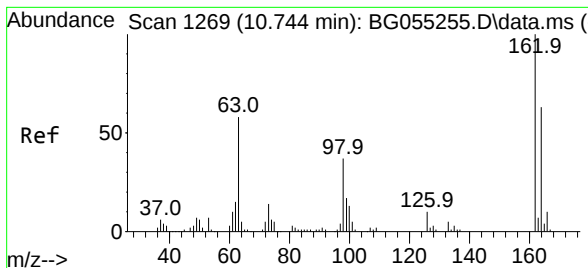
10/27/2022



#28
bis(2-Chloroethoxy)methane
Concen: 54.406 ng
RT: 10.485 min Scan# 1225
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Tgt Ion: 93 Resp: 166348
Ion Ratio Lower Upper
93 100
95 32.1 26.3 39.5
123 10.4 7.9 11.9





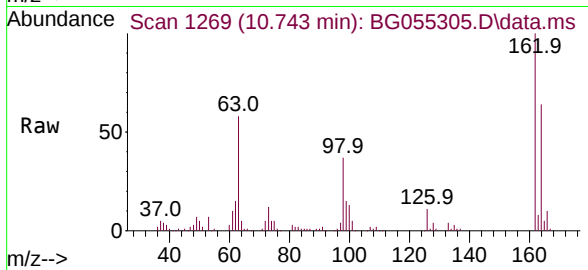
#29
2,4-Dichlorophenol
Concen: 55.079 ng
RT: 10.743 min Scan# 1269
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :

BNA_G

ClientSampleId :

72-11976MSD



Tgt Ion:162 Resp: 126105
Ion Ratio Lower Upper
162 100
164 64.5 42.9 82.9
98 37.1 17.3 57.3

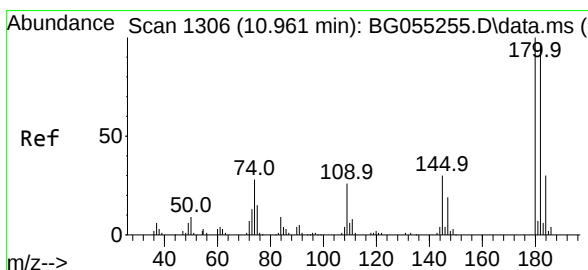
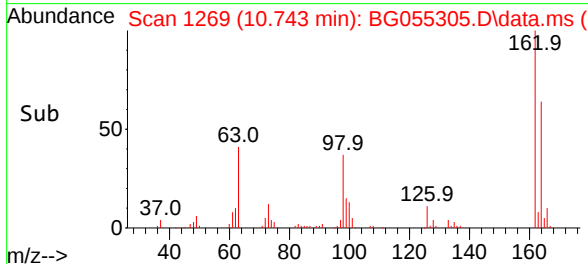
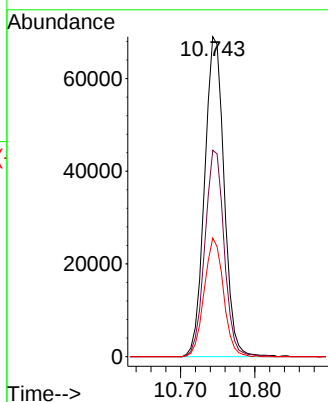
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

10/27/2022

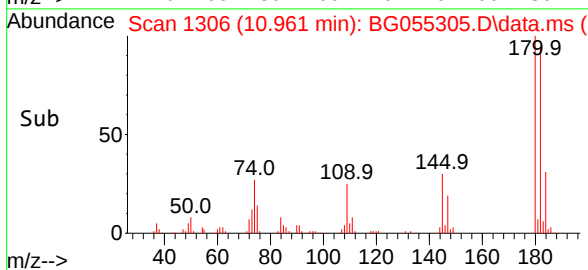
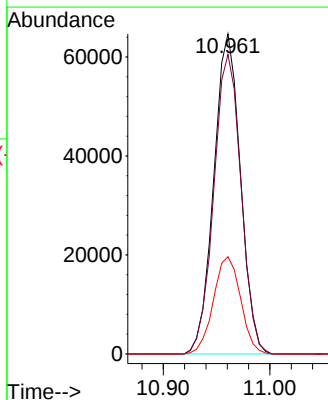
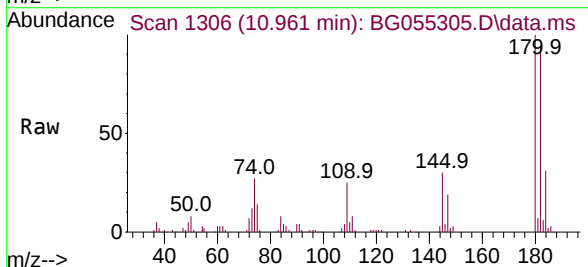
Supervised By :Jagrut
Upadhyay

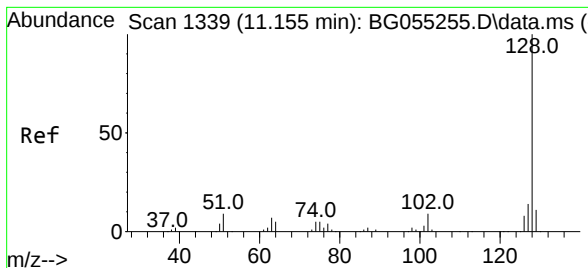
10/27/2022



#30
1,2,4-Trichlorobenzene
Concen: 48.123 ng
RT: 10.961 min Scan# 1306
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

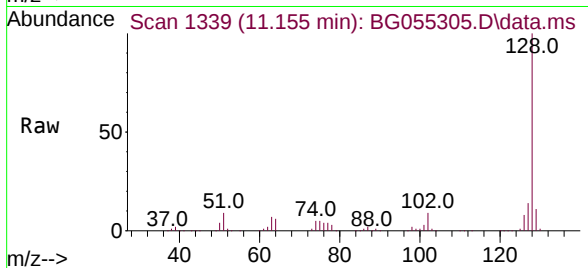
Tgt Ion:180 Resp: 112451
Ion Ratio Lower Upper
180 100
182 93.6 76.4 114.6
145 30.4 24.4 36.6





#31
Naphthalene
Concen: 66.595 ng
RT: 11.155 min Scan# 1339
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



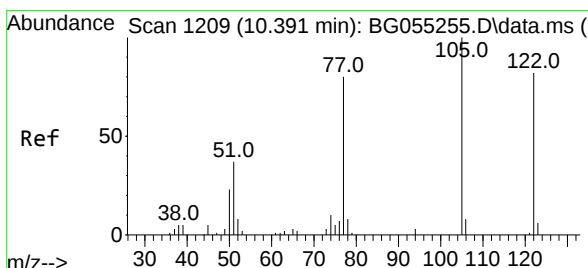
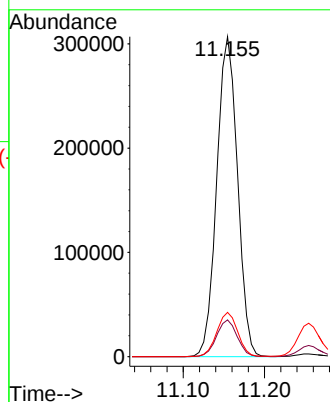
Tgt Ion:128 Resp: 543885
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.8 11.1 16.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

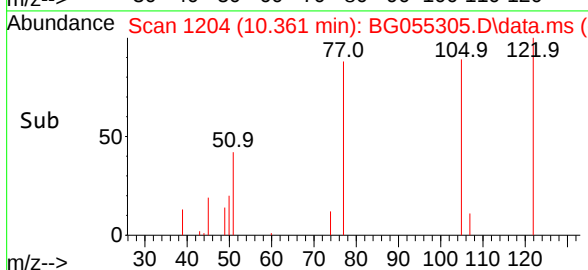
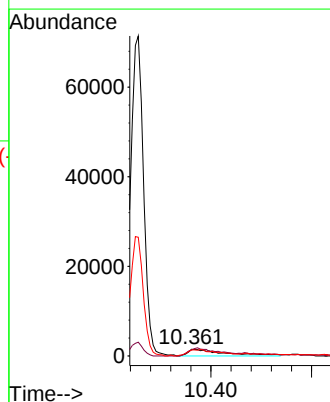
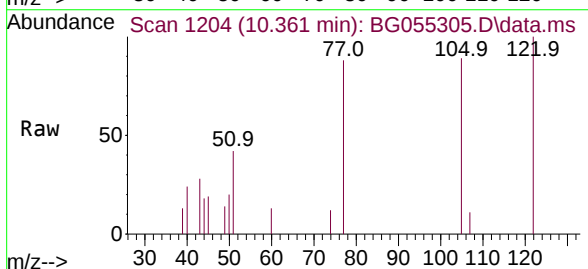
10/27/2022
Supervised By :Jagrut
Upadhyay

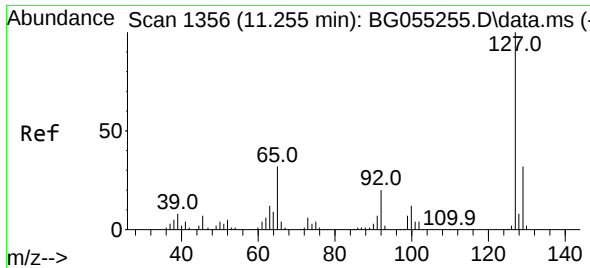
10/27/2022



#32
Benzoic acid
Concen: 8.397 ng m
RT: 10.361 min Scan# 1204
Delta R.T. -0.030 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Tgt Ion:122 Resp: 7508
Ion Ratio Lower Upper
122 100
105 88.9 101.3 141.3#
77 87.5 76.9 116.9





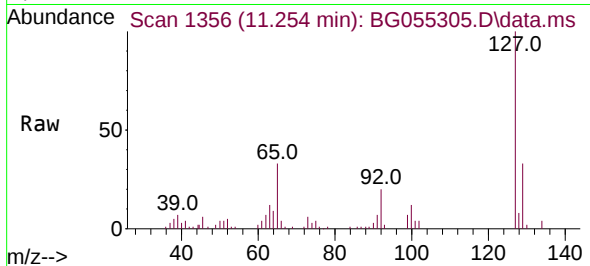
#33
4-Chloroaniline
Concen: 17.879 ng
RT: 11.254 min Scan# 1356
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :

BNA_G

ClientSampleId :

72-11976MSD



Tgt Ion:127 Resp: 62426
Ion Ratio Lower Upper
127 100
129 33.2 25.4 38.0
65 32.6 25.5 38.3
92 19.8 16.2 24.2

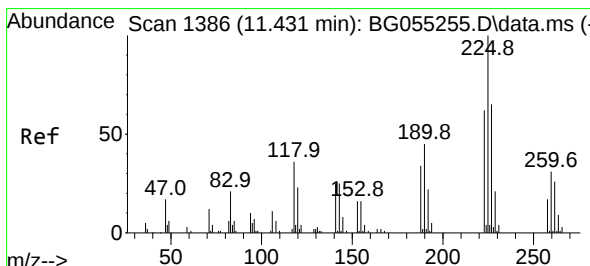
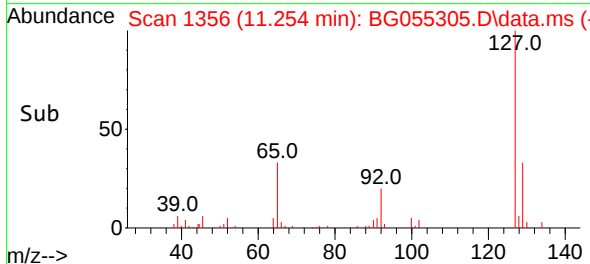
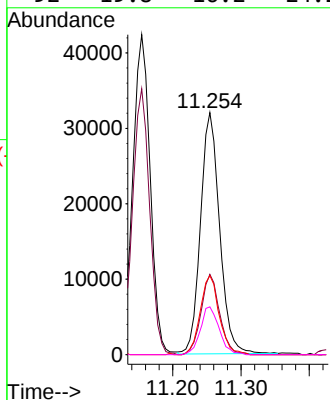
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

10/27/2022

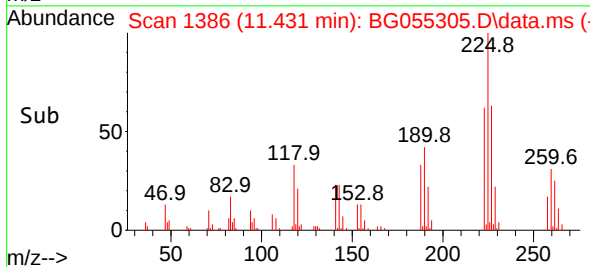
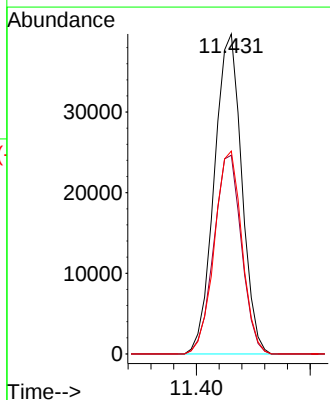
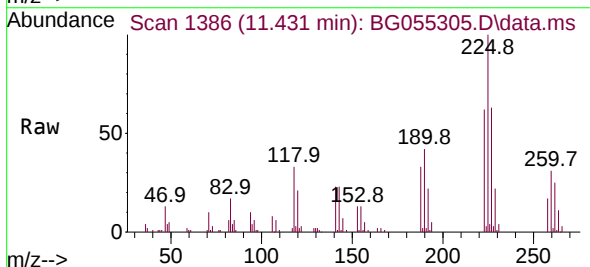
Supervised By :Jagrut
Upadhyay

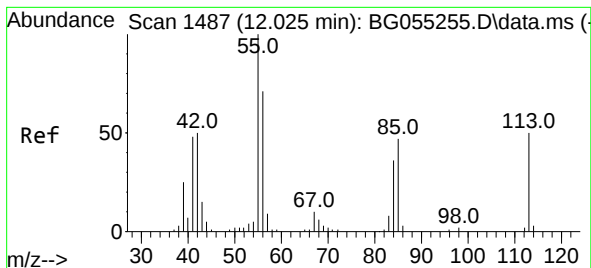
10/27/2022



#34
Hexachlorobutadiene
Concen: 49.780 ng
RT: 11.431 min Scan# 1386
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Tgt Ion:225 Resp: 66462
Ion Ratio Lower Upper
225 100
223 62.1 49.4 74.2
227 63.4 52.4 78.6





#35

Caprolactam

Concen: 38.687 ng

RT: 12.030 min Scan# 1487

Delta R.T. 0.005 min

Lab File: BG055305.D

Acq: 26 Oct 2022 19:10

Instrument :

BNA_G

ClientSampleId :

72-11976MSD

Tgt Ion:113 Resp: 41109

Ion Ratio Lower Upper

113 100

55 191.8 178.2 218.2

56 139.2 121.0 161.0

Manual Integrations

APPROVED

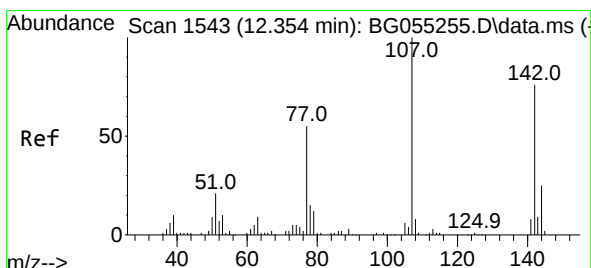
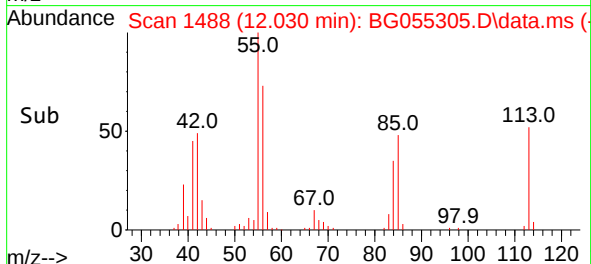
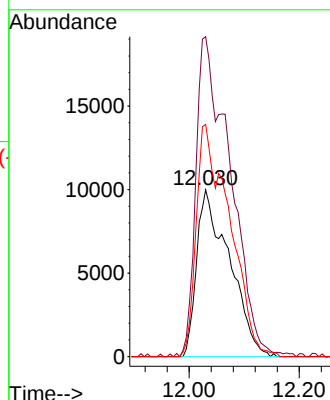
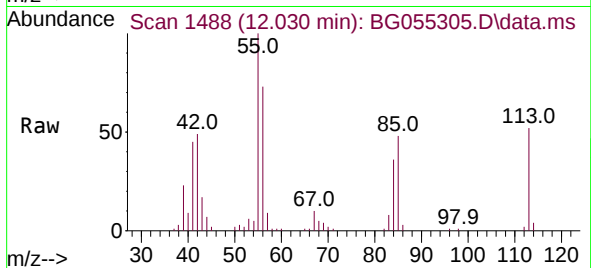
Reviewed By :Christian Giraldo 10/27/2022

Supervised By :Jagrut Upadhyay 10/27/2022

10/27/2022

Supervised By :Jagrut Upadhyay

10/27/2022



#36

4-Chloro-3-methylphenol

Concen: 51.803 ng

RT: 12.359 min Scan# 1544

Delta R.T. 0.005 min

Lab File: BG055305.D

Acq: 26 Oct 2022 19:10

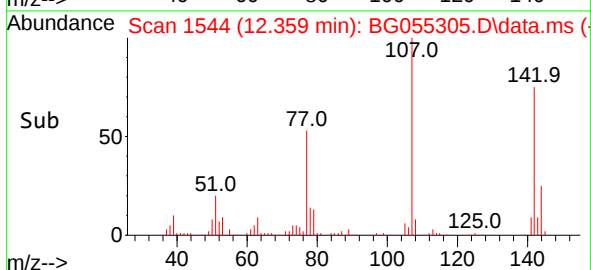
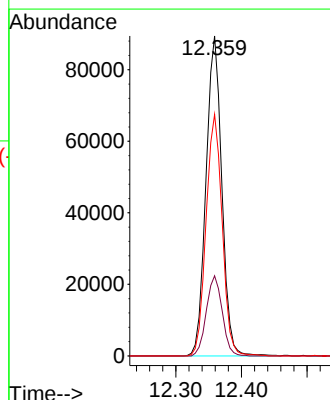
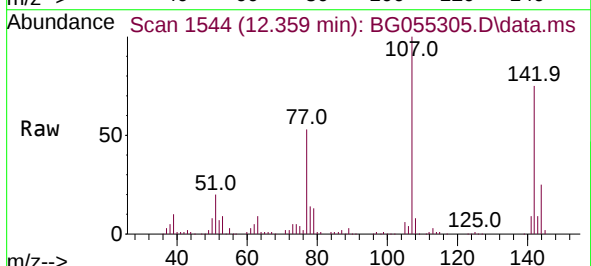
Tgt Ion:107 Resp: 149241

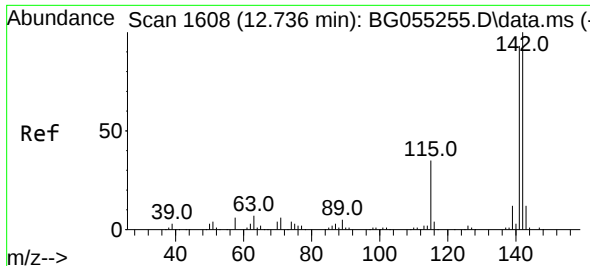
Ion Ratio Lower Upper

107 100

144 25.0 20.3 30.5

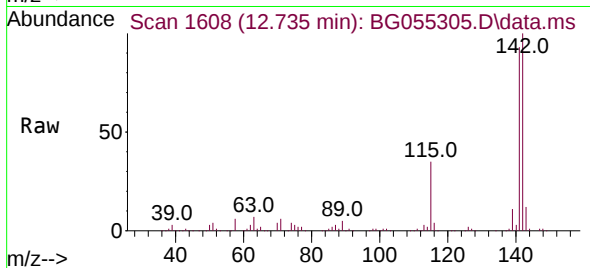
142 75.5 60.5 90.7





#37
2-Methylnaphthalene
Concen: 48.604 ng
RT: 12.735 min Scan# 1608
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



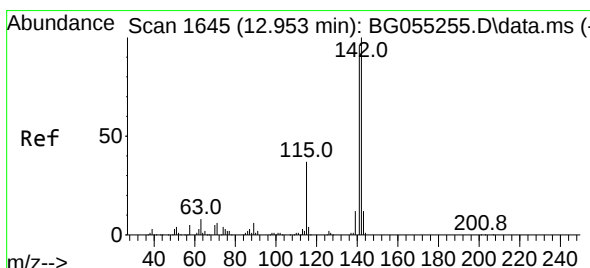
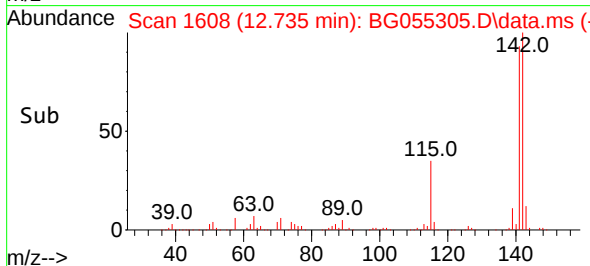
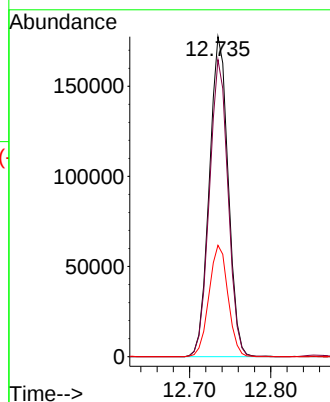
Tgt Ion:142 Resp: 286197
Ion Ratio Lower Upper
142 100
141 92.8 74.0 111.0
115 34.8 28.3 42.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

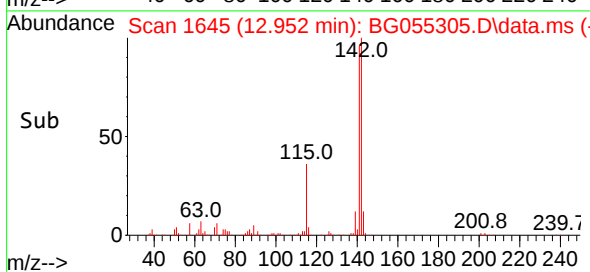
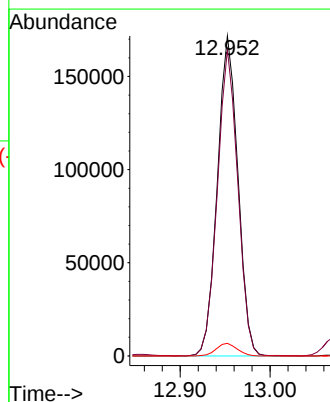
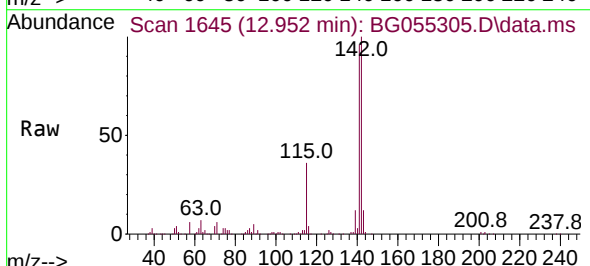
10/27/2022
Supervised By :Jagrut
Upadhyay

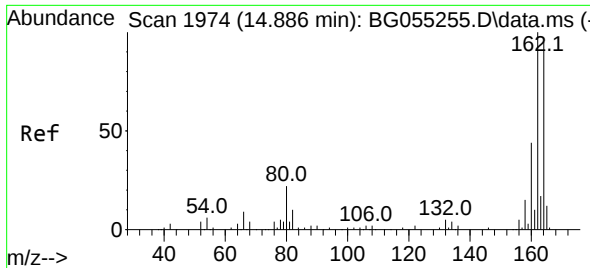
10/27/2022



#38
1-Methylnaphthalene
Concen: 47.204 ng
RT: 12.952 min Scan# 1645
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Tgt Ion:142 Resp: 274215
Ion Ratio Lower Upper
142 100
141 95.8 77.1 115.7
116 3.9 3.0 4.6





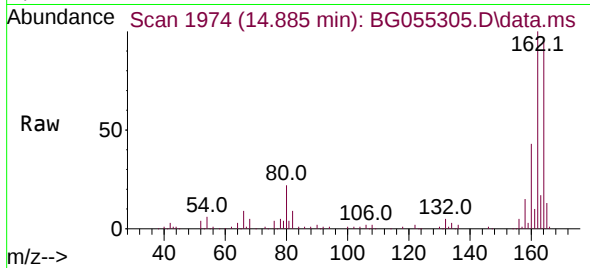
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.885 min Scan# 1974
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :

BNA_G

ClientSampleId :

72-11976MSD



Tgt Ion:164 Resp: 102989
Ion Ratio Lower Upper
164 100
162 105.6 84.0 126.0
160 45.9 36.7 55.1

Manual Integrations

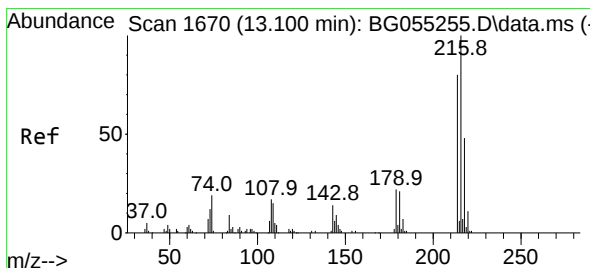
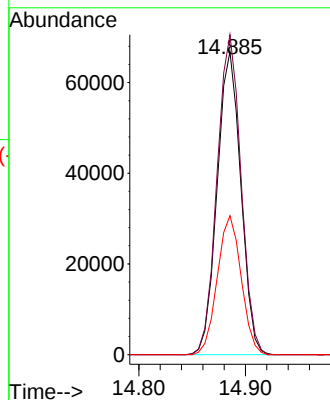
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

10/27/2022

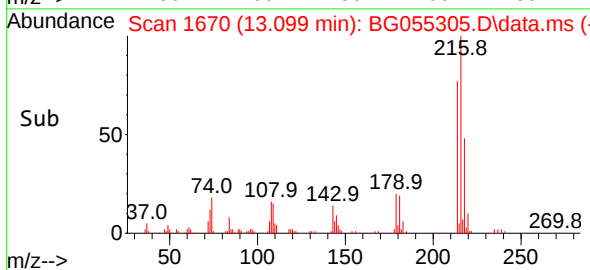
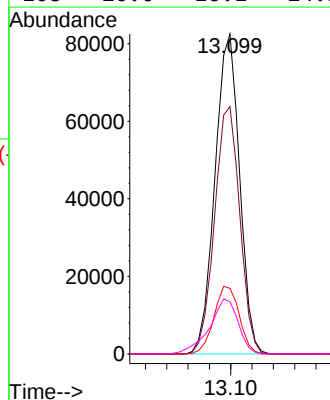
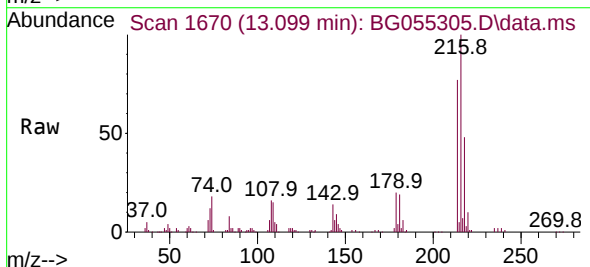
Supervised By :Jagrut
Upadhyay

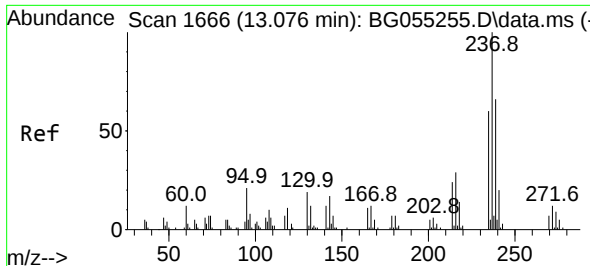
10/27/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.240 ng
RT: 13.099 min Scan# 1670
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

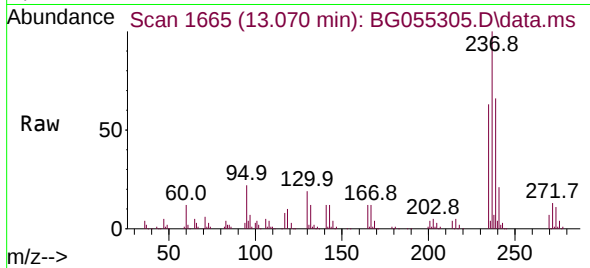
Tgt Ion:216 Resp: 132247
Ion Ratio Lower Upper
216 100
214 79.1 63.4 95.2
179 21.6 17.2 25.8
108 20.0 16.1 24.1





#41
Hexachlorocyclopentadiene
Concen: 100.568 ng
RT: 13.070 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



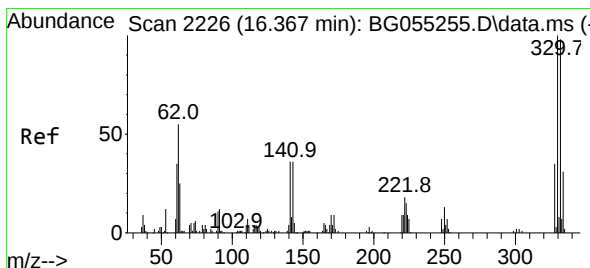
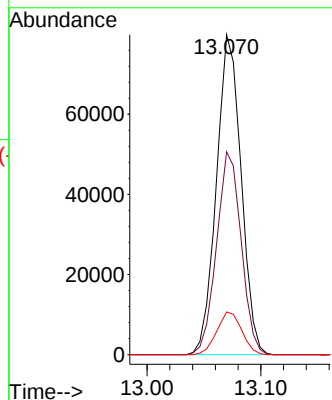
Tgt Ion: 237 Resp: 120412
Ion Ratio Lower Upper
237 100
235 63.4 40.4 80.4
272 13.4 0.0 31.7

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 10/27/2022
Supervised By : Jagrut Upadhyay 10/27/2022

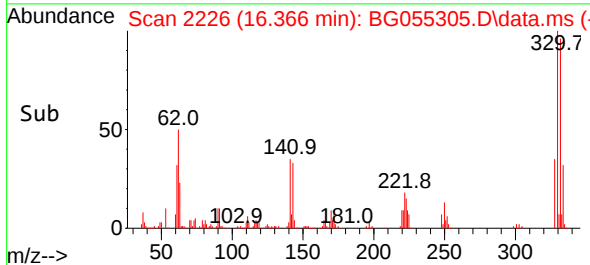
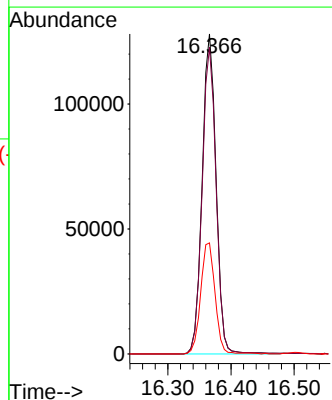
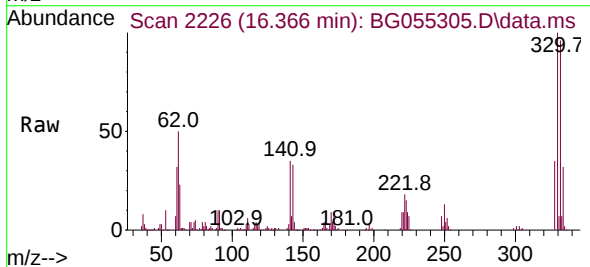
10/27/2022
Supervised By : Jagrut
Upadhyay

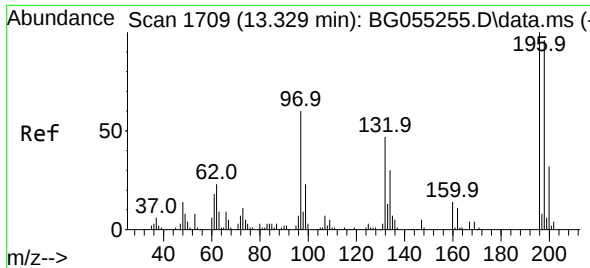
10/27/2022



#42
2,4,6-Tribromophenol
Concen: 174.459 ng
RT: 16.366 min Scan# 2226
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Tgt Ion: 330 Resp: 195321
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 35.9 29.8 44.8





#43
2,4,6-Trichlorophenol
Concen: 55.310 ng
RT: 13.334 min Scan# 1709
Delta R.T. 0.005 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD

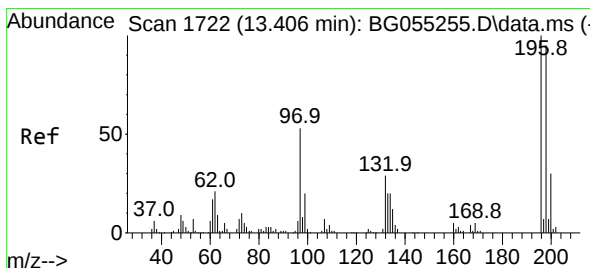
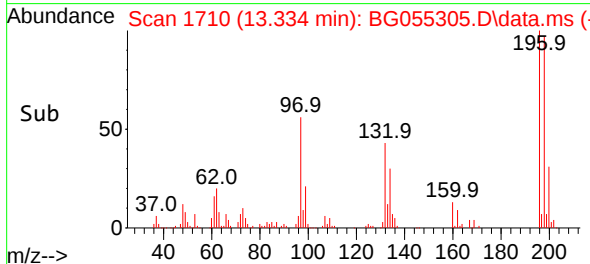
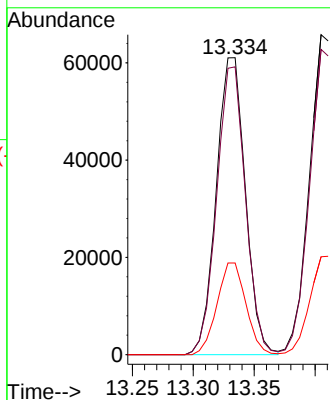
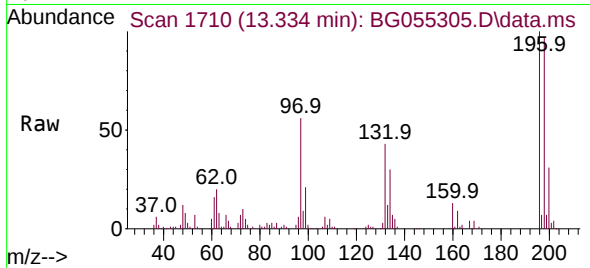
Tgt Ion:196 Resp: 101473
Ion Ratio Lower Upper
196 100
198 96.9 76.5 114.7
200 30.9 25.8 38.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

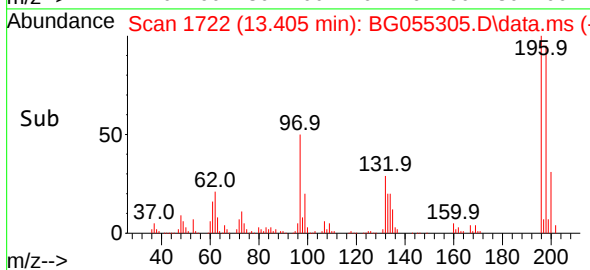
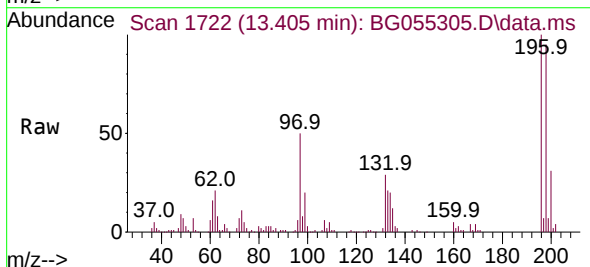
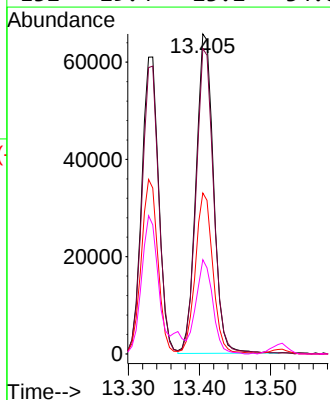
10/27/2022
Supervised By :Jagrut
Upadhyay

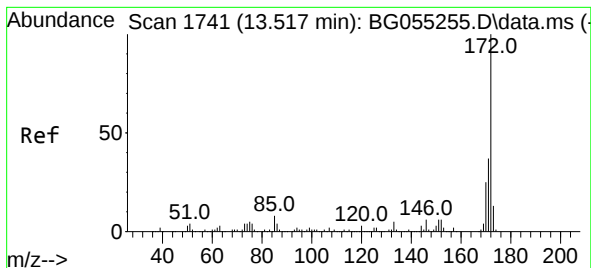
10/27/2022



#44
2,4,5-Trichlorophenol
Concen: 55.255 ng
RT: 13.405 min Scan# 1722
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

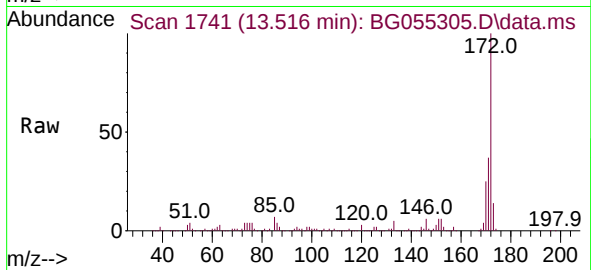
Tgt Ion:196 Resp: 112124
Ion Ratio Lower Upper
196 100
198 95.4 76.2 114.2
97 50.3 42.3 63.5
132 29.4 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 96.321 ng
RT: 13.516 min Scan# 1741
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



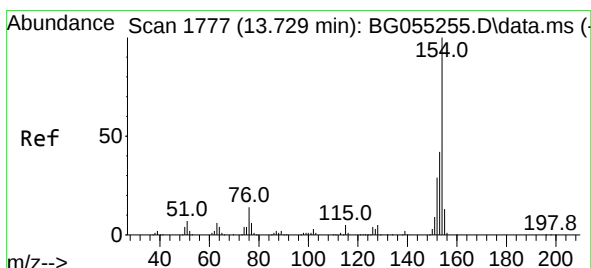
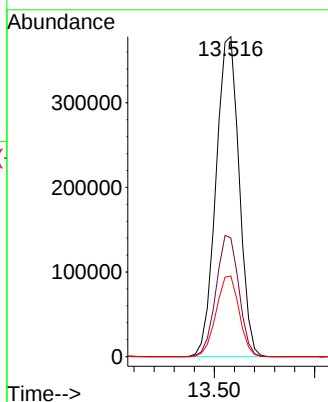
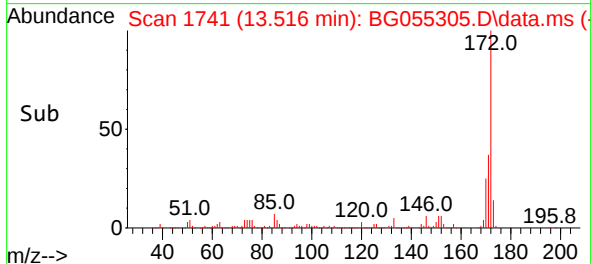
Tgt Ion:172 Resp: 606075
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 25.2 20.2 30.2

Manual Integrations
APPROVED

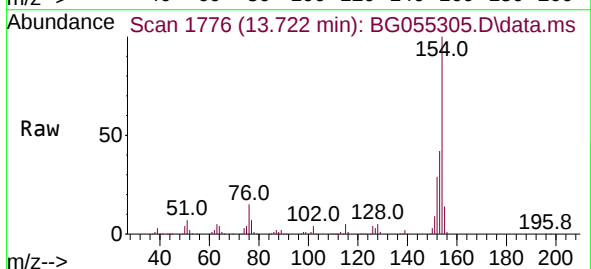
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

10/27/2022
Supervised By :Jagrut
Upadhyay

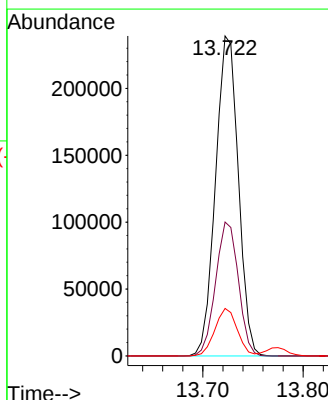
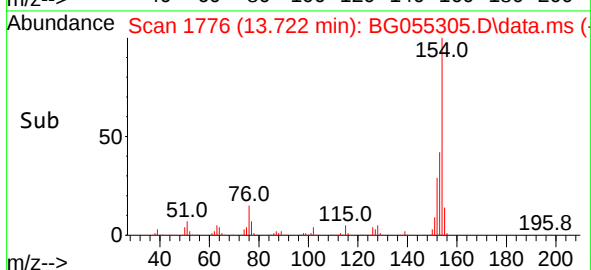
10/27/2022

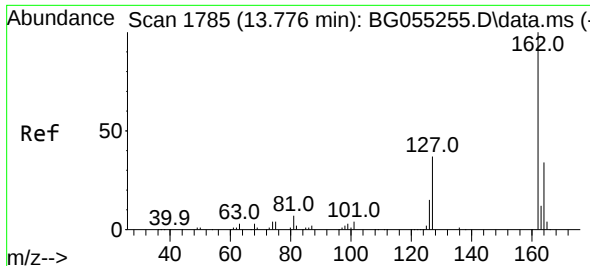


#46
1,1'-Biphenyl
Concen: 53.460 ng
RT: 13.722 min Scan# 1776
Delta R.T. -0.007 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10



Tgt Ion:154 Resp: 377623
Ion Ratio Lower Upper
154 100
153 41.8 21.5 61.5
76 14.8 0.0 34.2





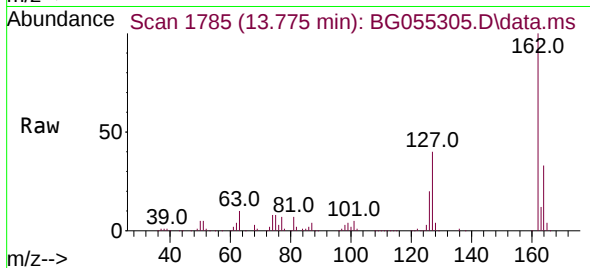
#47
2-Chloronaphthalene
Concen: 49.838 ng
RT: 13.775 min Scan# 1785
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :

BNA_G

ClientSampleId :

72-11976MSD



Tgt Ion:162 Resp: 27760
Ion Ratio Lower Upper
162 100
127 40.1 33.0 49.6
164 33.3 27.0 40.4

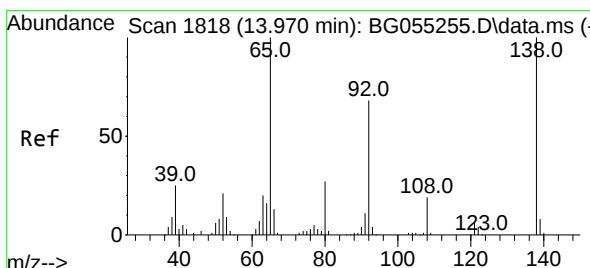
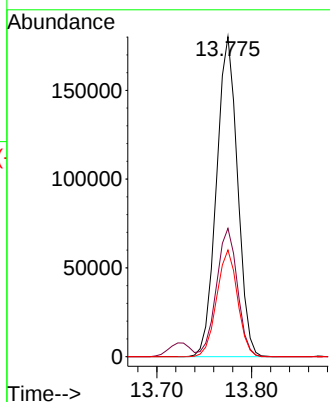
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

10/27/2022

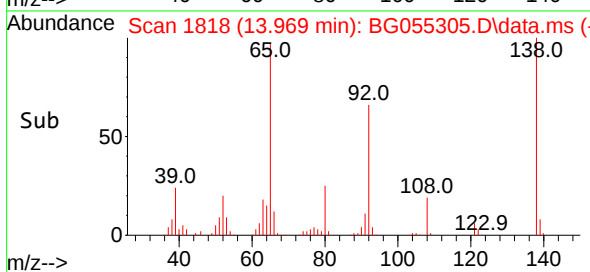
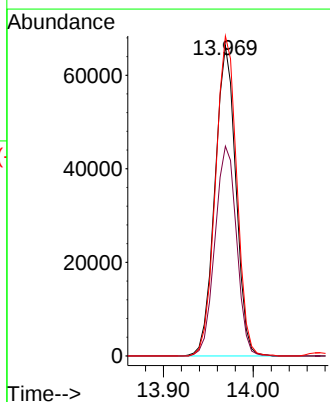
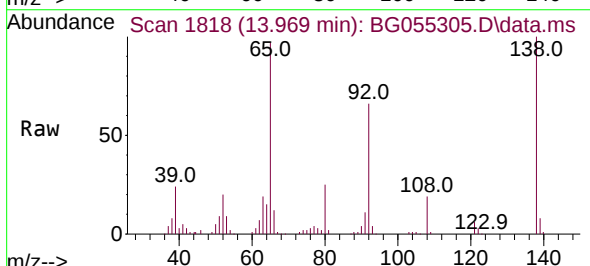
Supervised By :Jagrut
Upadhyay

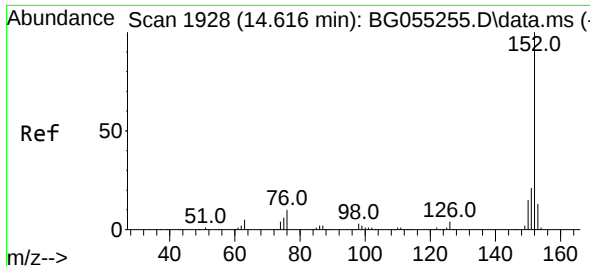
10/27/2022



#48
2-Nitroaniline
Concen: 49.376 ng
RT: 13.969 min Scan# 1818
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Tgt Ion: 65 Resp: 107559
Ion Ratio Lower Upper
65 100
92 67.6 54.6 82.0
138 103.2 80.2 120.4





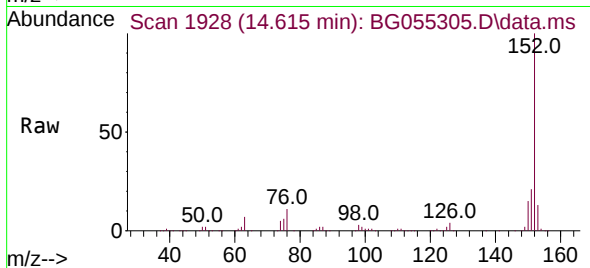
#49
Acenaphthylene
Concen: 50.180 ng
RT: 14.615 min Scan# 1928
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :

BNA_G

ClientSampleId :

72-11976MSD



Tgt Ion:152 Resp: 482507
Ion Ratio Lower Upper
152 100
151 21.2 16.6 25.0
153 13.4 10.5 15.7

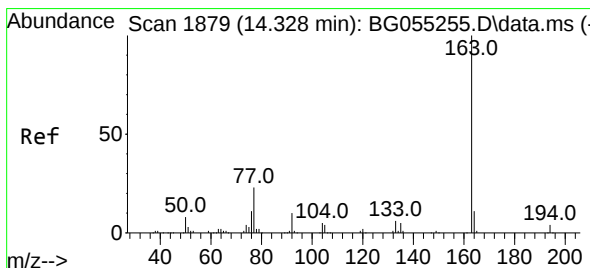
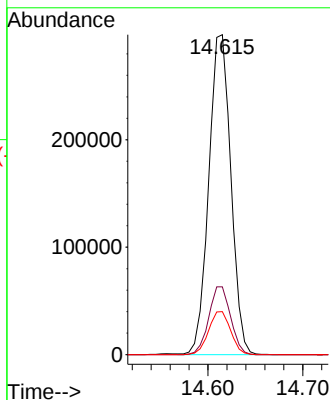
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

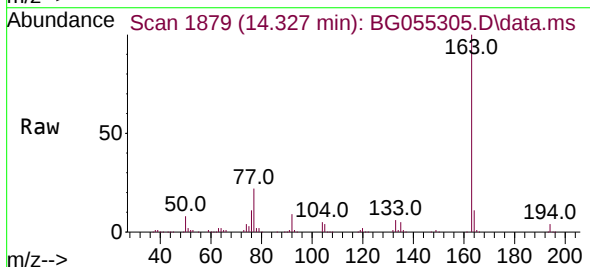
10/27/2022

Supervised By :Jagrut
Upadhyay

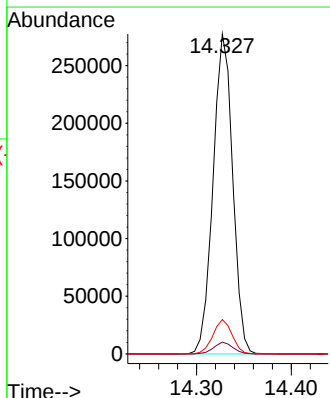
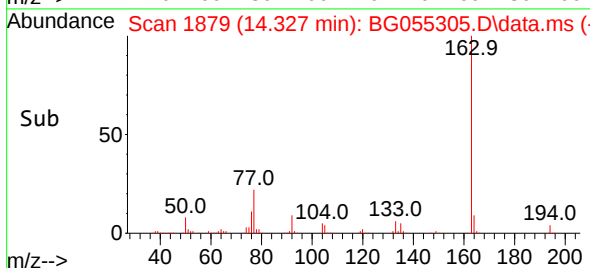
10/27/2022

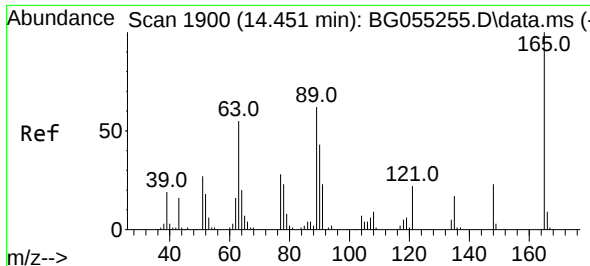


#50
Dimethylphthalate
Concen: 49.275 ng
RT: 14.327 min Scan# 1879
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10



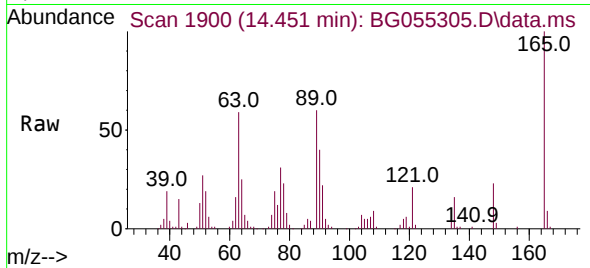
Tgt Ion:163 Resp: 398447
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.7 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 52.221 ng
RT: 14.451 min Scan# 1900
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



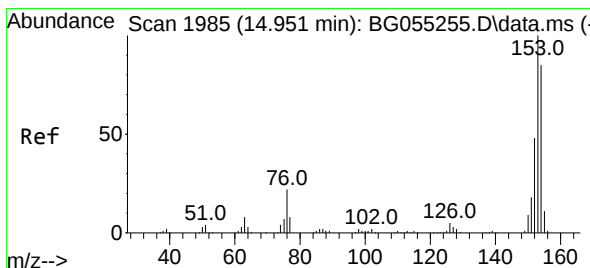
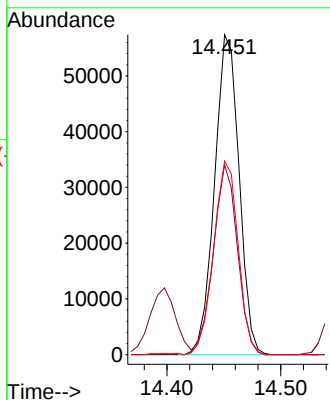
Tgt Ion:165 Resp: 85926
Ion Ratio Lower Upper
165 100
63 59.3 49.2 73.8
89 60.5 49.9 74.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

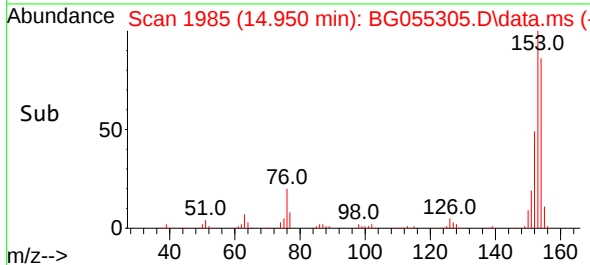
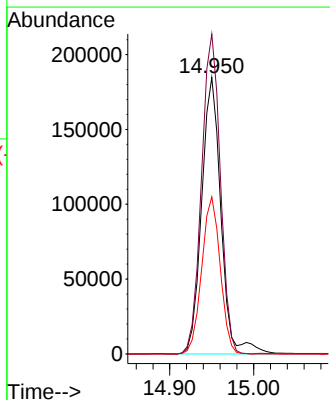
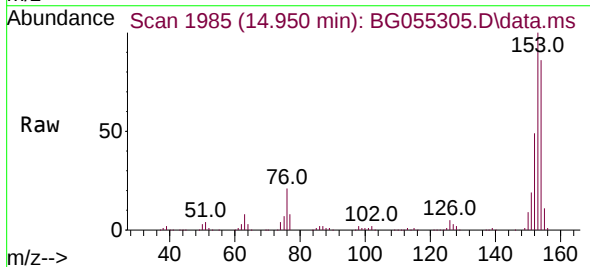
10/27/2022
Supervised By :Jagrut
Upadhyay

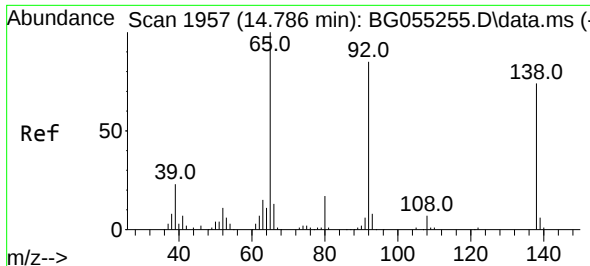
10/27/2022



#52
Acenaphthene
Concen: 48.083 ng m
RT: 14.950 min Scan# 1985
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Tgt Ion:154 Resp: 294709
Ion Ratio Lower Upper
154 100
153 115.8 94.3 141.5
152 56.9 45.3 67.9





#53
3-Nitroaniline
Concen: 32.520 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :

BNA_G

ClientSampleId :

72-11976MSD

Tgt Ion:138 Resp: 67253
Ion Ratio Lower Upper
138 100
108 9.6 7.5 11.3
92 118.1 91.8 137.8

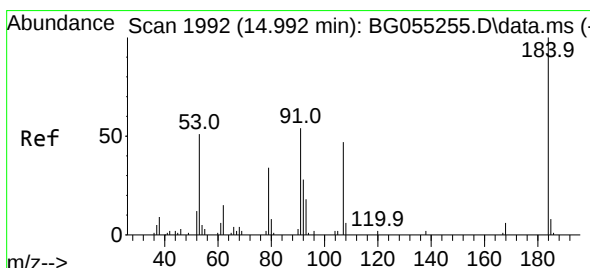
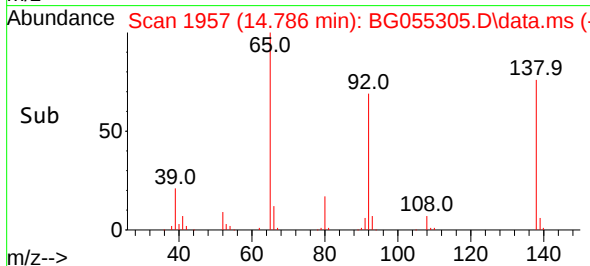
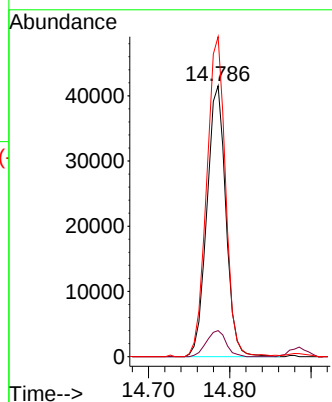
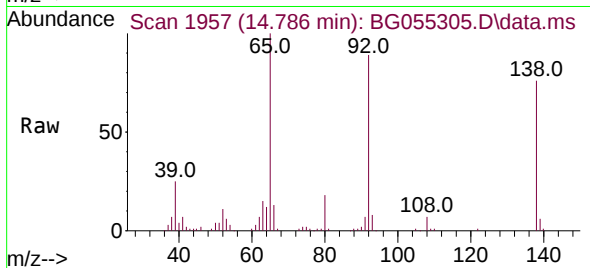
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

10/27/2022

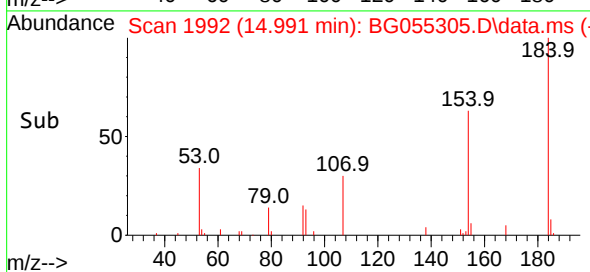
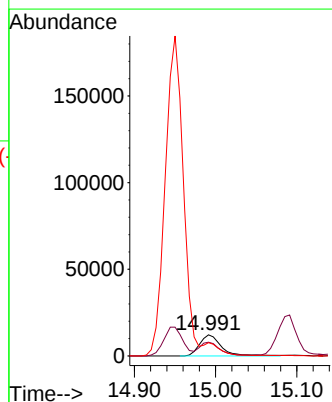
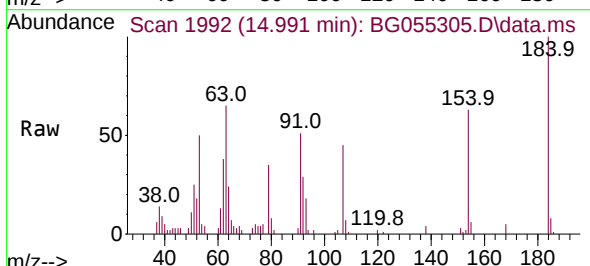
Supervised By :Jagrut
Upadhyay

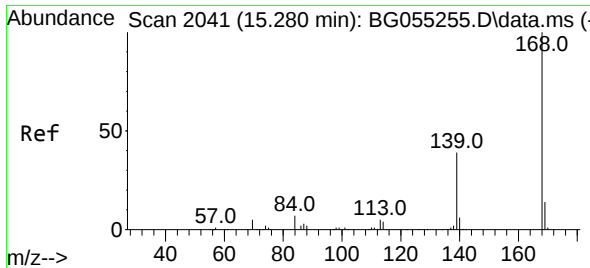
10/27/2022



#54
2,4-Dinitrophenol
Concen: 26.129 ng
RT: 14.991 min Scan# 1992
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

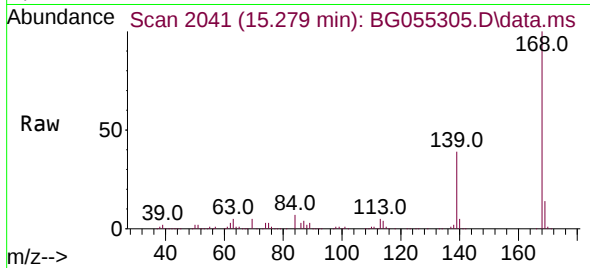
Tgt Ion:184 Resp: 22389
Ion Ratio Lower Upper
184 100
63 64.9 55.7 83.5
154 62.7 49.4 74.0





#55
Dibenzenofuran
Concen: 50.015 ng
RT: 15.279 min Scan# 2041
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



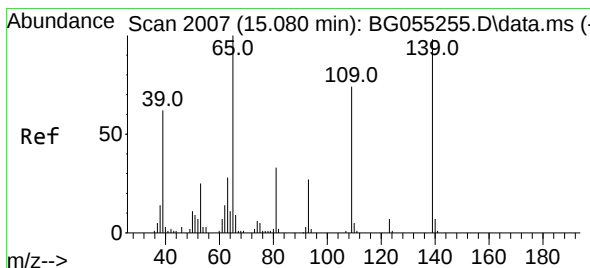
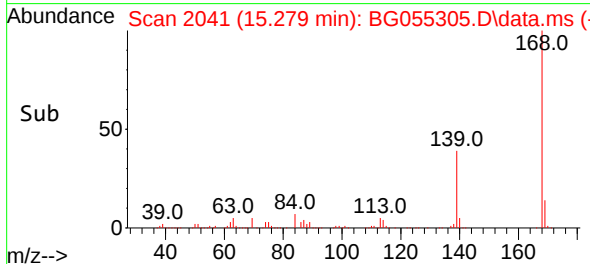
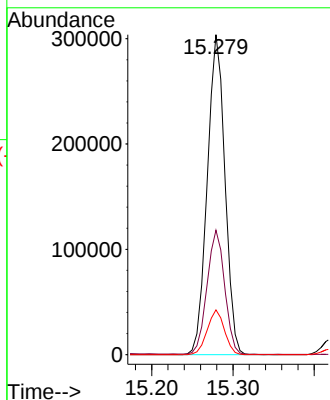
Tgt Ion:168 Resp: 459903
Ion Ratio Lower Upper
168 100
139 38.9 31.6 47.4
169 14.0 11.0 16.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

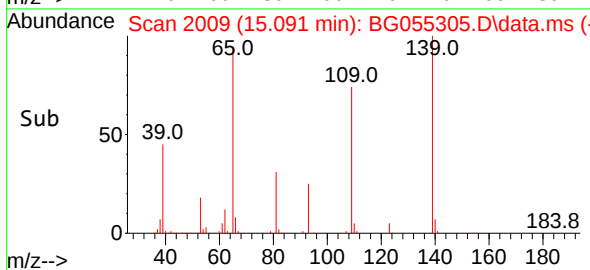
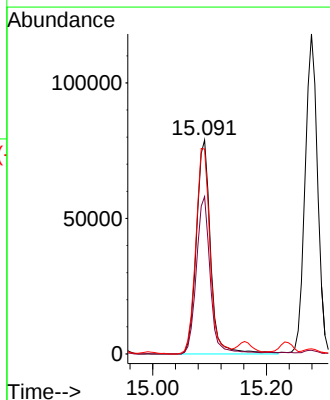
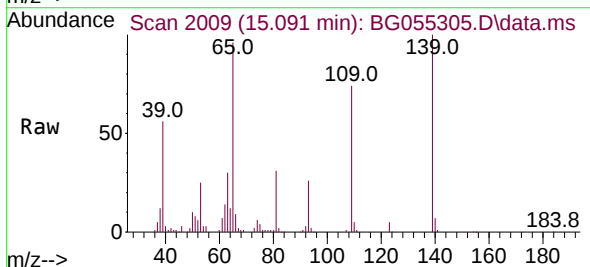
10/27/2022
Supervised By :Jagrut
Upadhyay

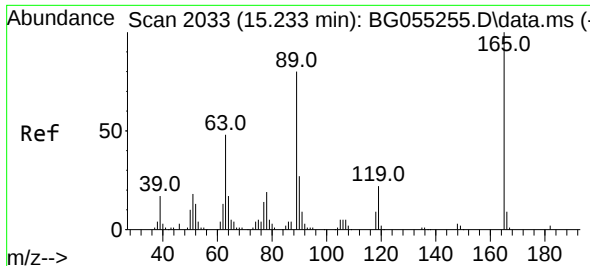
10/27/2022



#56
4-Nitrophenol
Concen: 91.925 ng
RT: 15.091 min Scan# 2009
Delta R.T. 0.011 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Tgt Ion:139 Resp: 135973
Ion Ratio Lower Upper
139 100
109 73.5 55.4 95.4
65 95.8 81.6 121.6





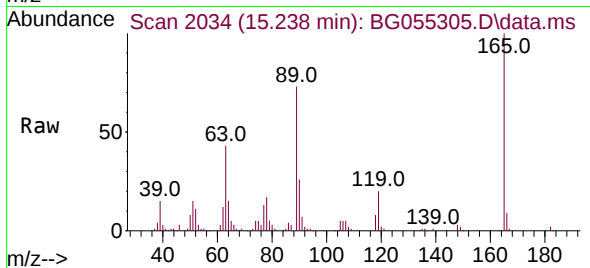
#57
2,4-Dinitrotoluene
Concen: 51.592 ng
RT: 15.238 min Scan# 2033
Delta R.T. 0.005 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :

BNA_G

ClientSampleId :

72-11976MSD



Tgt Ion:165 Resp: 123191
Ion Ratio Lower Upper
165 100
63 43.2 38.9 58.3
89 72.5 64.2 96.4
182 2.3 1.8 2.6

Manual Integrations

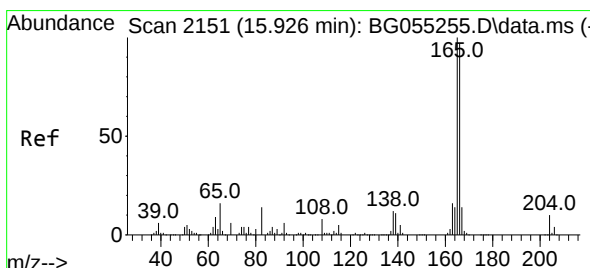
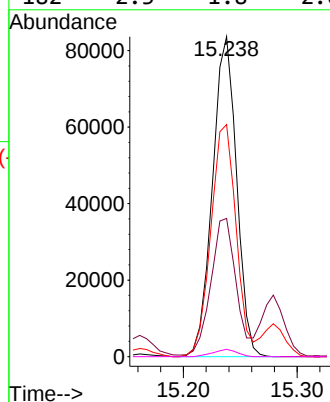
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

10/27/2022

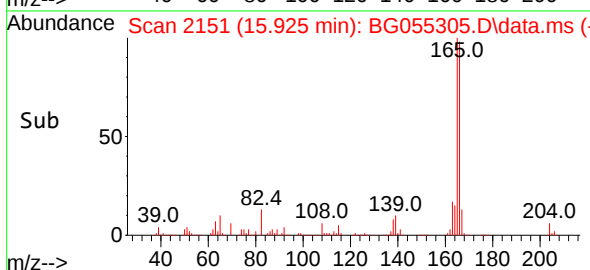
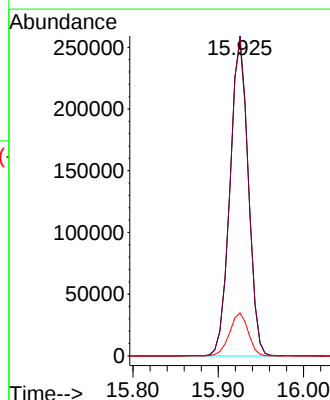
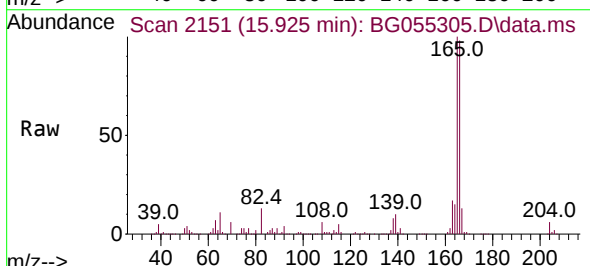
Supervised By :Jagrut
Upadhyay

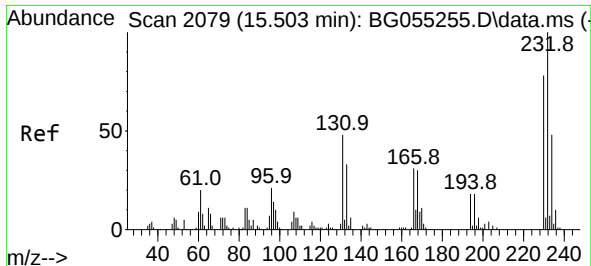
10/27/2022



#58
Fluorene
Concen: 49.666 ng
RT: 15.925 min Scan# 2151
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Tgt Ion:166 Resp: 380002
Ion Ratio Lower Upper
166 100
165 101.9 82.4 123.6
167 13.7 11.5 17.3





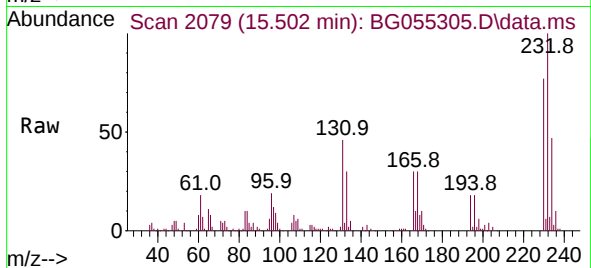
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.162 ng
RT: 15.502 min Scan# 2079
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :

BNA_G

ClientSampleId :

72-11976MSD



Tgt Ion:232 Resp: 97982
Ion Ratio Lower Upper
232 100
131 47.8 39.6 59.4
130 2.5 2.1 3.1
166 31.0 26.4 39.6

Manual Integrations

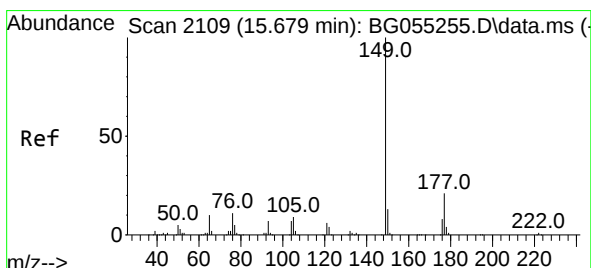
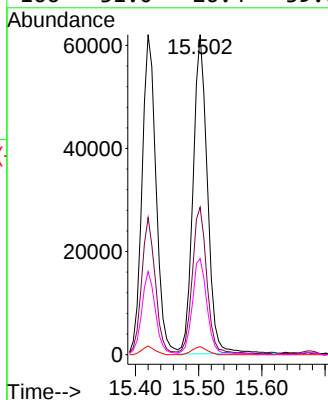
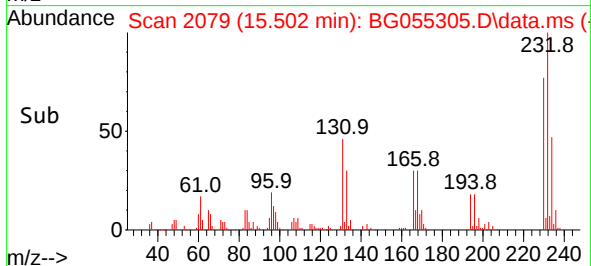
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

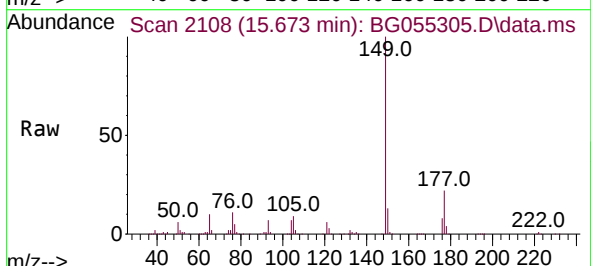
10/27/2022

Supervised By :Jagrut
Upadhyay

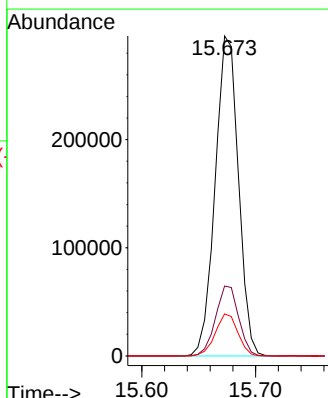
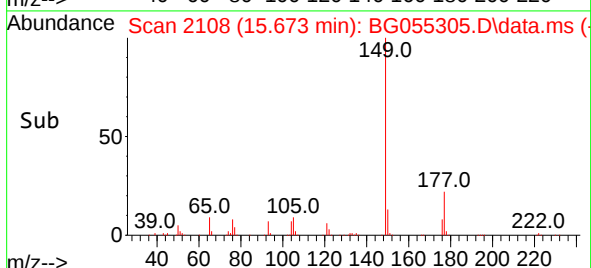
10/27/2022

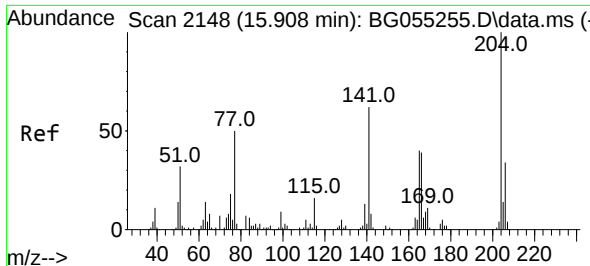


#60
Diethylphthalate
Concen: 48.722 ng
RT: 15.673 min Scan# 2108
Delta R.T. -0.007 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10



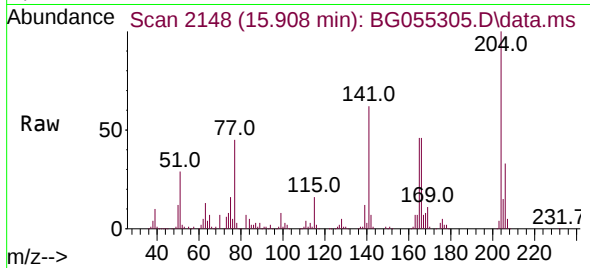
Tgt Ion:149 Resp: 419083
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 13.1 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 52.285 ng
RT: 15.908 min Scan# 2148
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



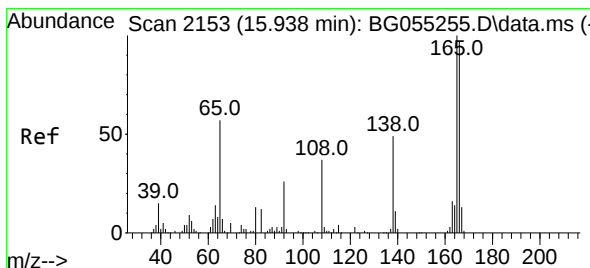
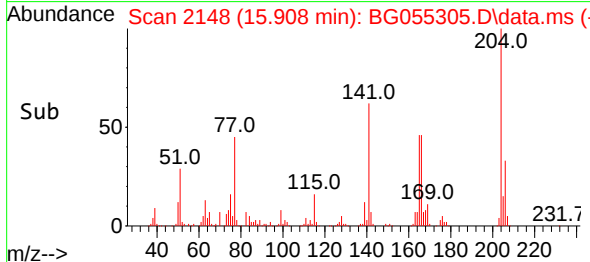
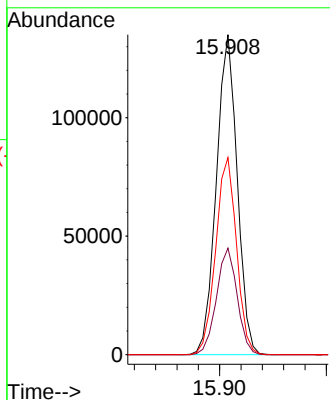
Tgt Ion:204 Resp: 183832
Ion Ratio Lower Upper
204 100
206 33.3 26.9 40.3
141 61.6 49.9 74.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

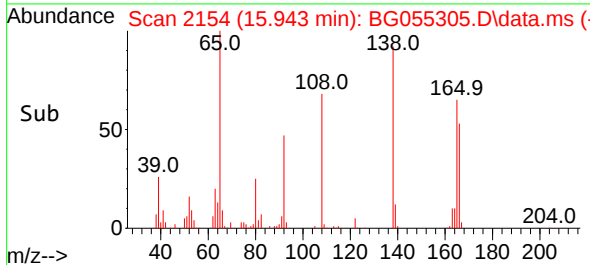
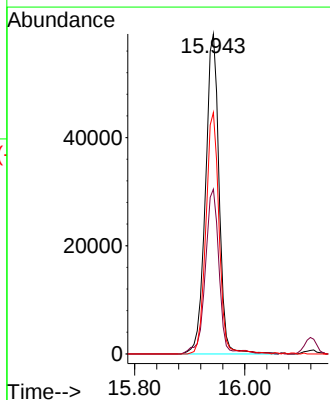
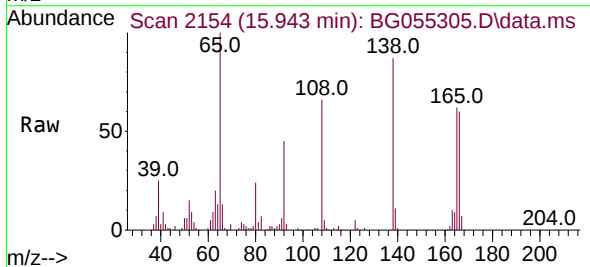
10/27/2022
Supervised By :Jagrut
Upadhyay

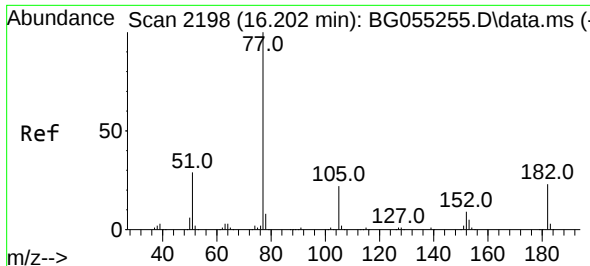
10/27/2022



#62
4-Nitroaniline
Concen: 46.673 ng
RT: 15.943 min Scan# 2154
Delta R.T. 0.005 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

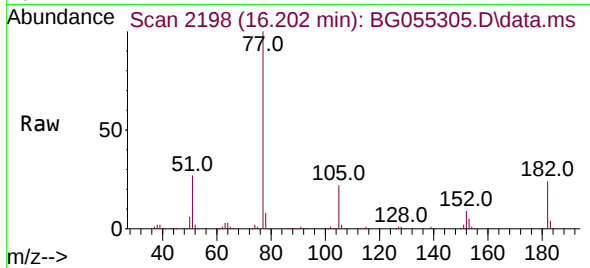
Tgt Ion:138 Resp: 101433
Ion Ratio Lower Upper
138 100
92 51.5 33.3 73.3
108 75.4 55.5 95.5





#63
Azobenzene
Concen: 47.704 ng
RT: 16.202 min Scan# 2198
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



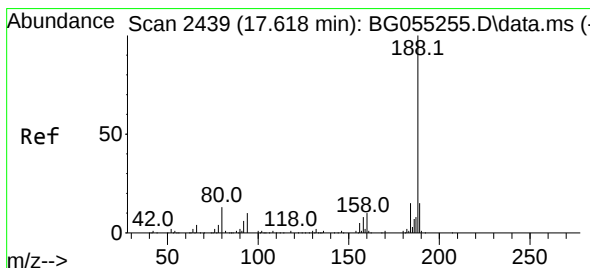
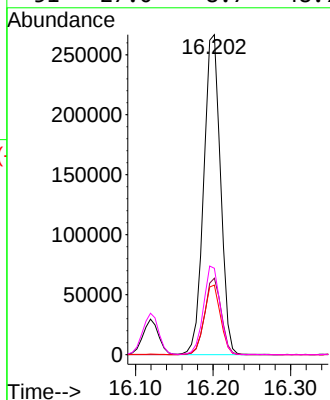
Tgt Ion: 77 Resp: 399740
Ion Ratio Lower Upper
77 100
182 23.9 2.5 42.5
105 21.7 1.6 41.6
51 27.0 8.7 48.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

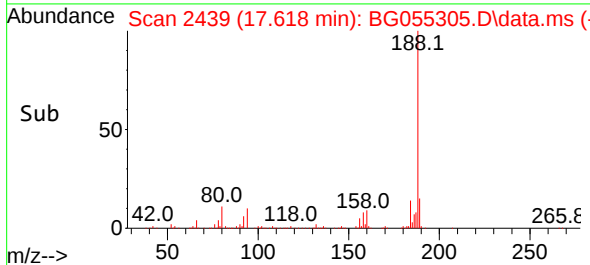
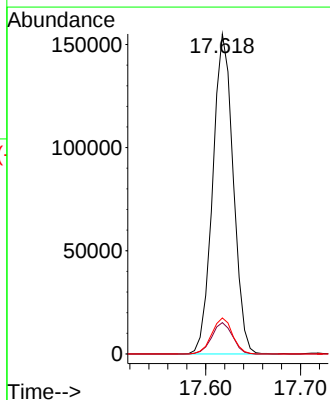
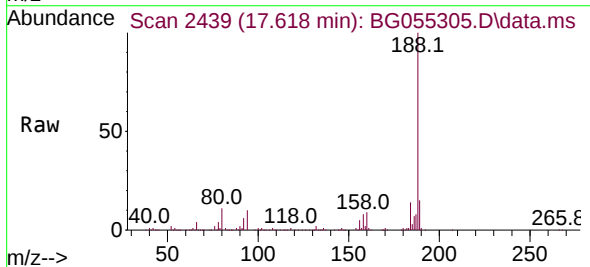
10/27/2022
Supervised By :Jagrut
Upadhyay

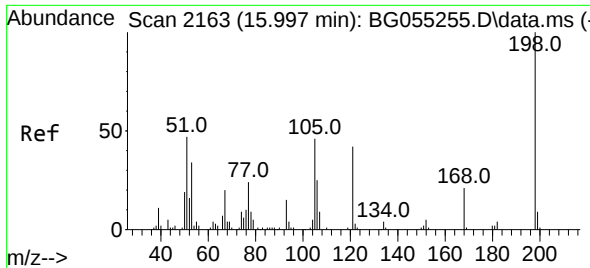
10/27/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Tgt Ion:188 Resp: 232766
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.4
80 11.2 10.1 15.1





#65
4,6-Dinitro-2-methylphenol
Concen: 24.609 ng
RT: 15.996 min Scan# 2163
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :

BNA_G

ClientSampleId :

72-11976MSD

Tgt Ion:198 Resp: 31490
Ion Ratio Lower Upper
198 100
51 43.1 29.6 69.6
105 47.2 26.6 66.6

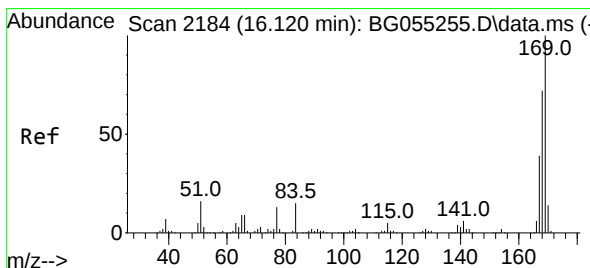
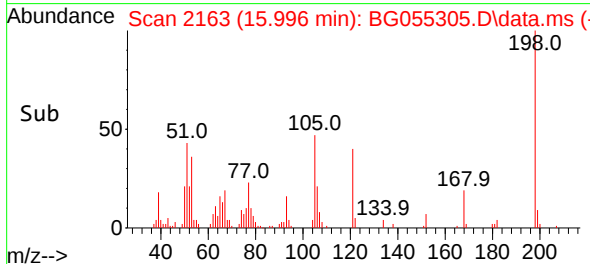
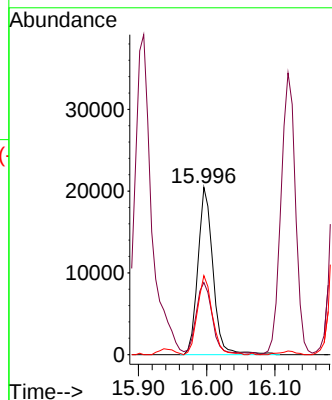
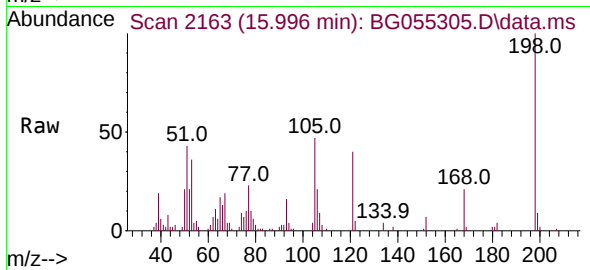
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

10/27/2022

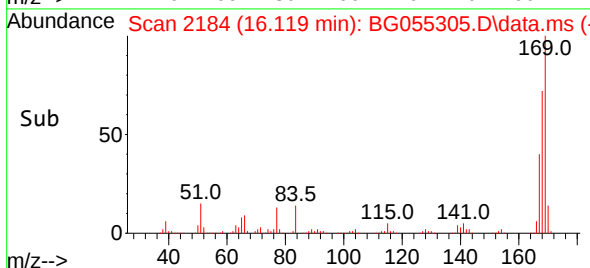
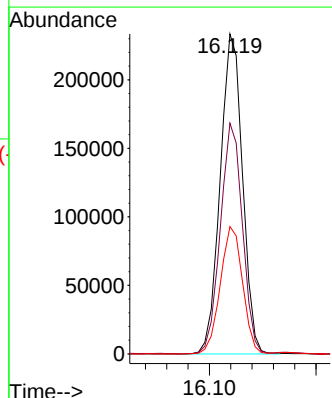
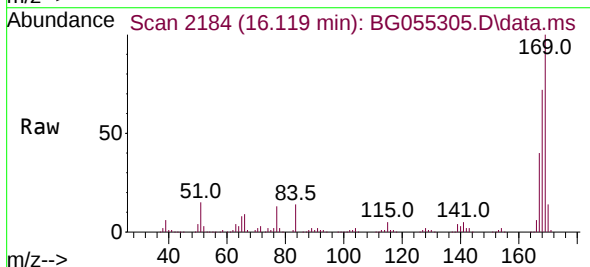
Supervised By :Jagrut
Upadhyay

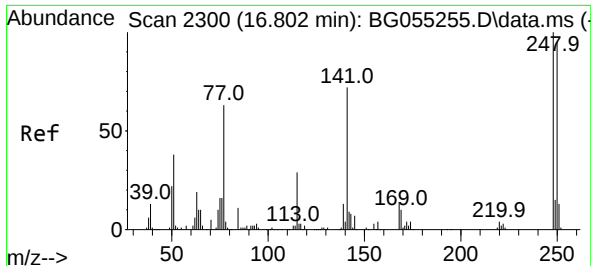
10/27/2022



#66
n-Nitrosodiphenylamine
Concen: 52.349 ng
RT: 16.119 min Scan# 2184
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

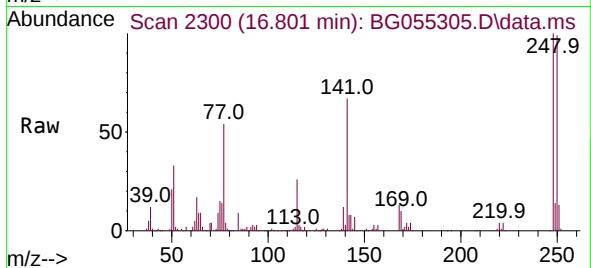
Tgt Ion:169 Resp: 339157
Ion Ratio Lower Upper
169 100
168 72.1 57.5 86.3
167 39.8 31.5 47.3





#67
4-Bromophenyl-phenylether
Concen: 54.358 ng
RT: 16.801 min Scan# 2300
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



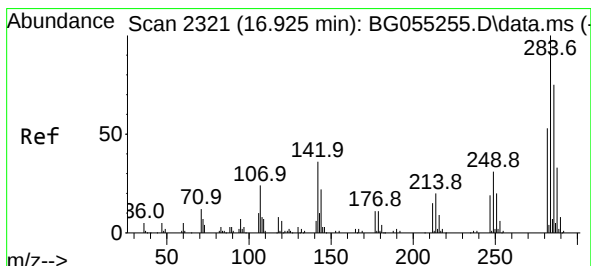
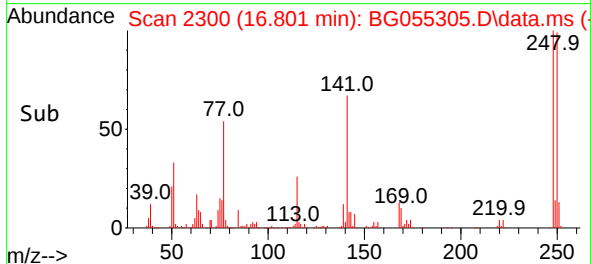
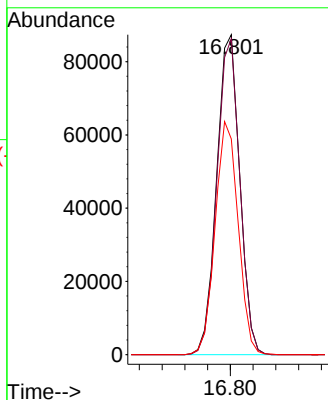
Tgt Ion:248 Resp: 122927
Ion Ratio Lower Upper
248 100
250 98.7 76.0 114.0
141 67.4 58.0 87.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

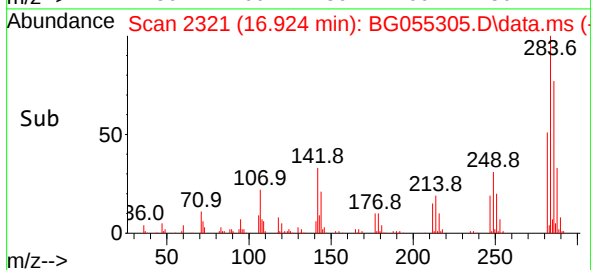
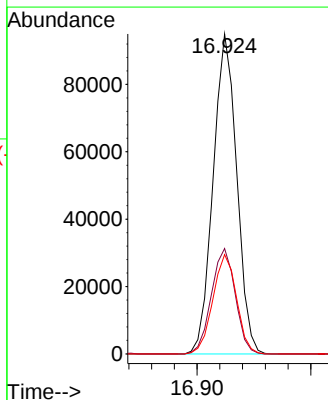
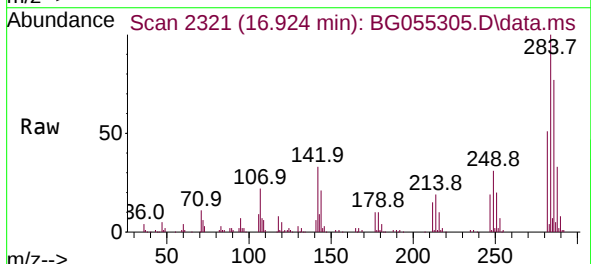
10/27/2022
Supervised By :Jagrut
Upadhyay

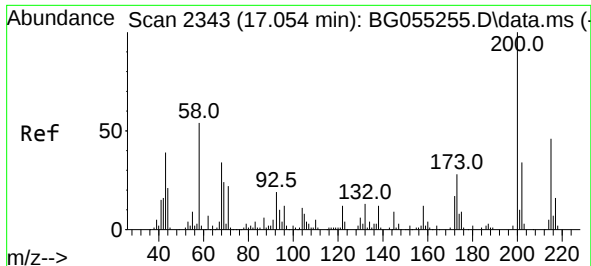
10/27/2022



#68
Hexachlorobenzene
Concen: 53.493 ng
RT: 16.924 min Scan# 2321
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

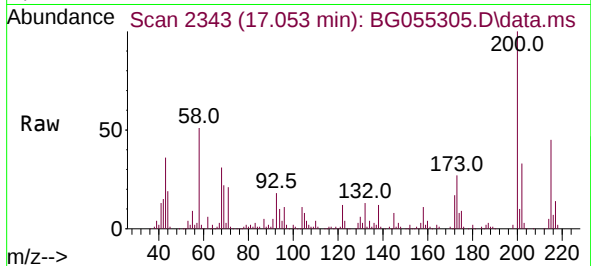
Tgt Ion:284 Resp: 136777
Ion Ratio Lower Upper
284 100
142 32.9 28.9 43.3
249 33.1 25.0 37.4





#69
Atrazine
Concen: 60.418 ng
RT: 17.053 min Scan# 2343
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



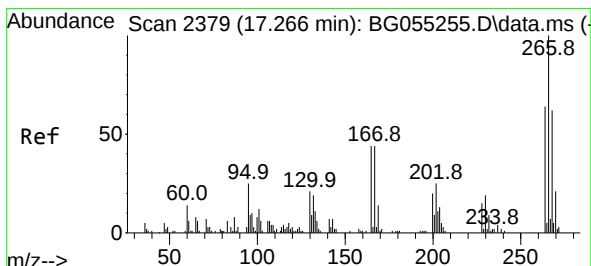
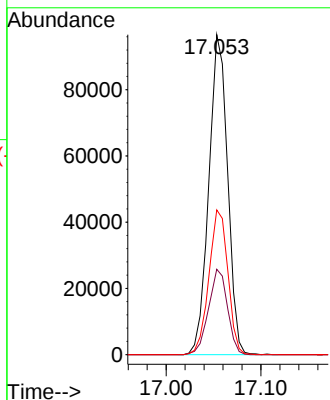
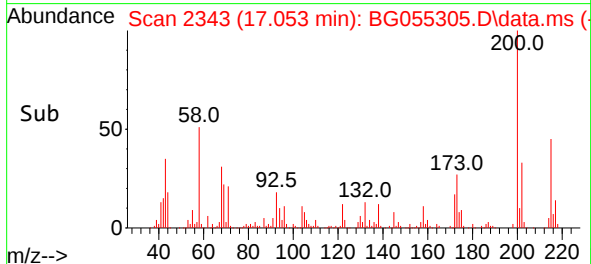
Tgt Ion:200 Resp: 133104
Ion Ratio Lower Upper
200 100
173 26.7 7.7 47.7
215 45.2 26.1 66.1

Manual Integrations
APPROVED

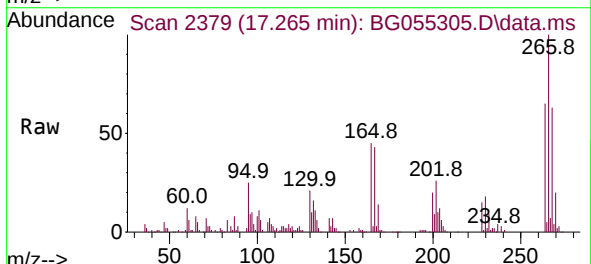
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

10/27/2022
Supervised By :Jagrut
Upadhyay

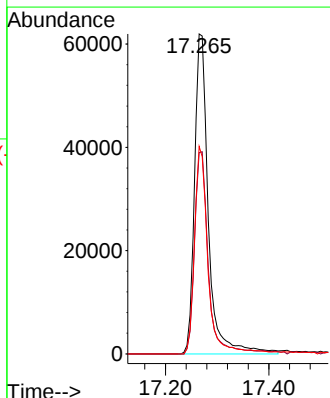
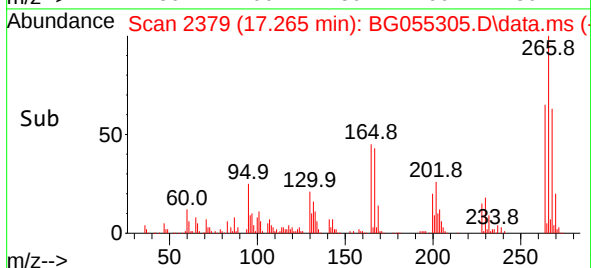
10/27/2022

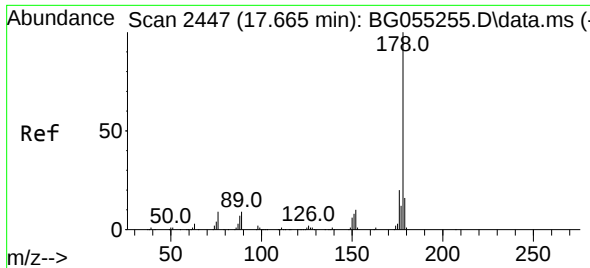


#70
Pentachlorophenol
Concen: 79.940 ng
RT: 17.265 min Scan# 2379
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10



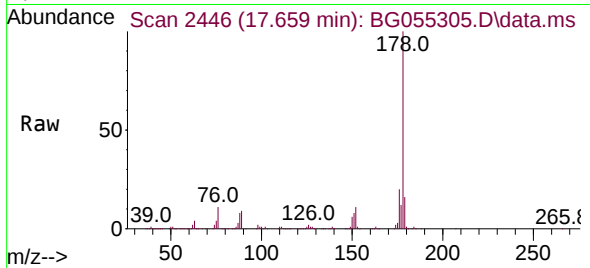
Tgt Ion:266 Resp: 115470
Ion Ratio Lower Upper
266 100
268 62.9 53.2 79.8
264 64.8 51.5 77.3





#71
Phenanthrene
Concen: 49.979 ng
RT: 17.659 min Scan# 2447
Delta R.T. -0.007 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



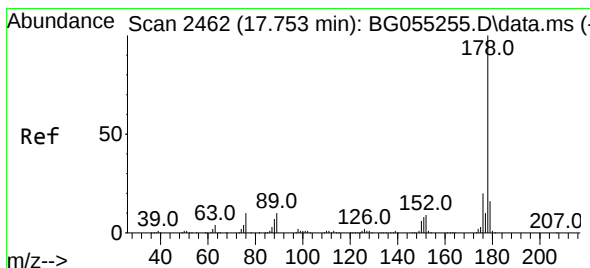
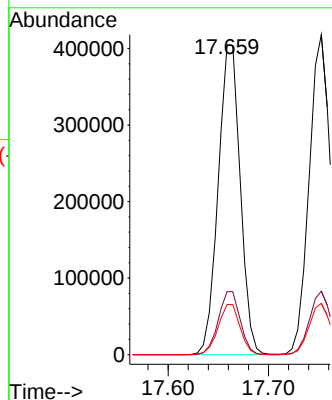
Tgt Ion:178 Resp: 620413
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 16.1 12.6 19.0

Manual Integrations
APPROVED

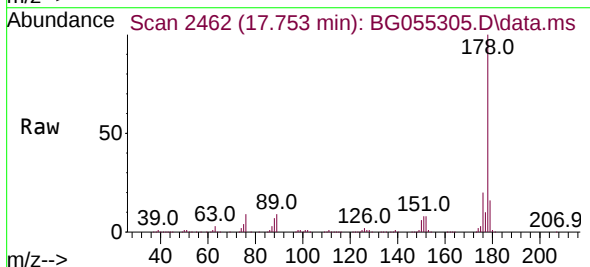
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

10/27/2022
Supervised By :Jagrut
Upadhyay

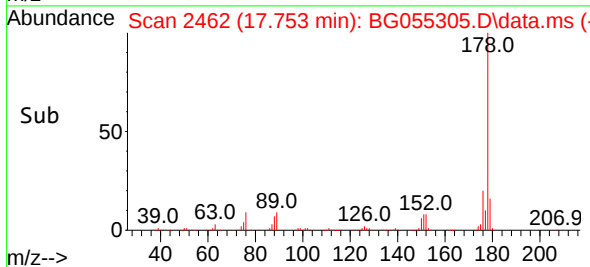
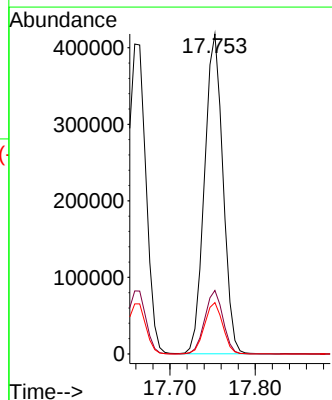
10/27/2022

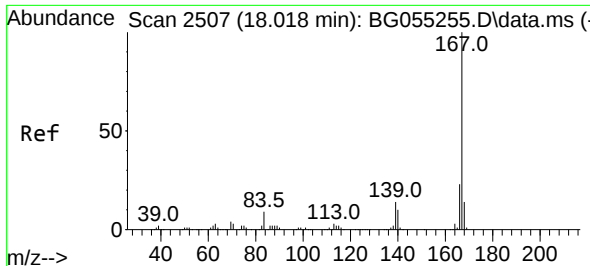


#72
Anthracene
Concen: 51.708 ng
RT: 17.753 min Scan# 2462
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10



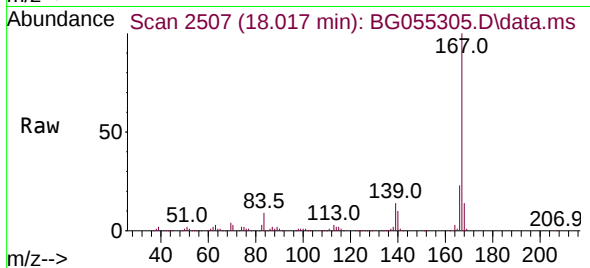
Tgt Ion:178 Resp: 627510
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 16.0 12.9 19.3





#73
 Carbazole
 Concen: 51.613 ng
 RT: 18.017 min Scan# 2507
 Delta R.T. -0.001 min
 Lab File: BG055305.D
 Acq: 26 Oct 2022 19:10

Instrument :
 BNA_G
 ClientSampleId :
 72-11976MSD



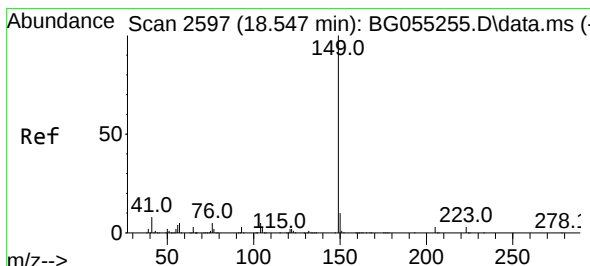
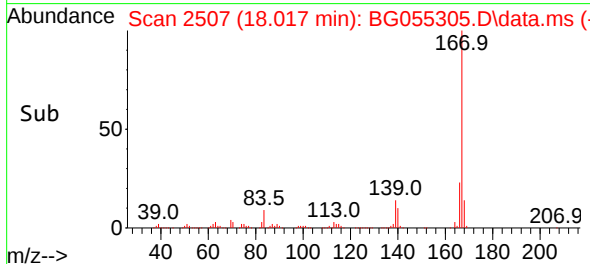
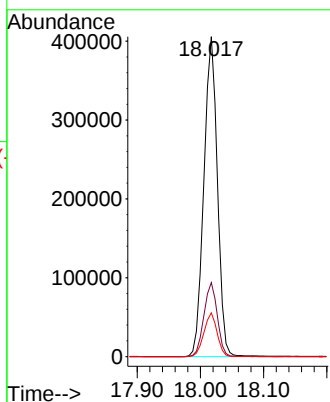
Tgt Ion:167 Resp: 602444
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.6 27.8
 139 13.7 10.9 16.3

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/27/2022
 Supervised By :Jagrut Upadhyay 10/27/2022

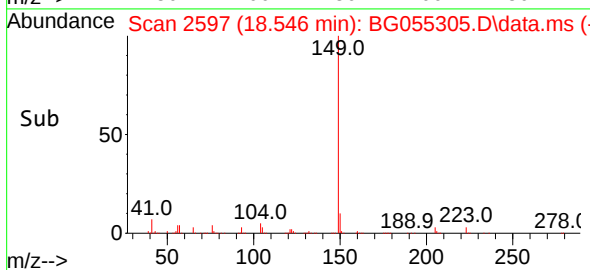
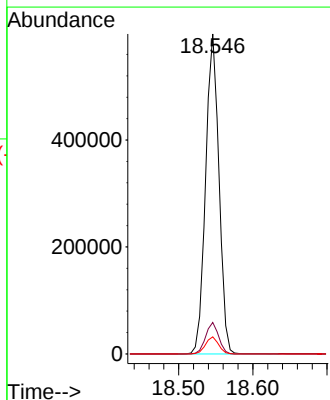
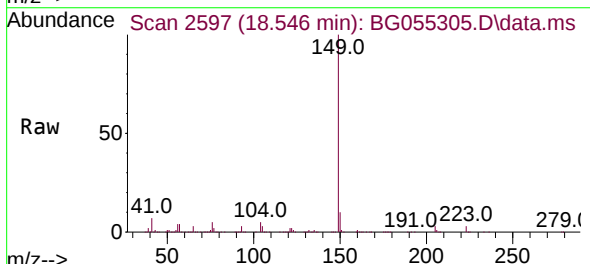
10/27/2022
 Supervised By :Jagrut
 Upadhyay

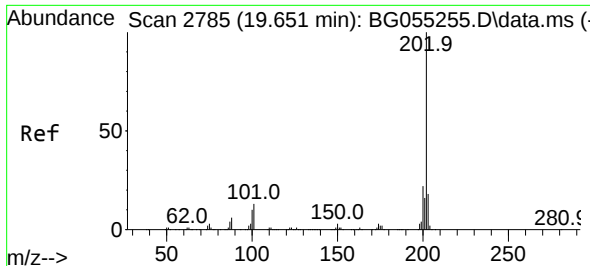
10/27/2022



#74
 Di-n-butylphthalate
 Concen: 51.082 ng
 RT: 18.546 min Scan# 2597
 Delta R.T. -0.001 min
 Lab File: BG055305.D
 Acq: 26 Oct 2022 19:10

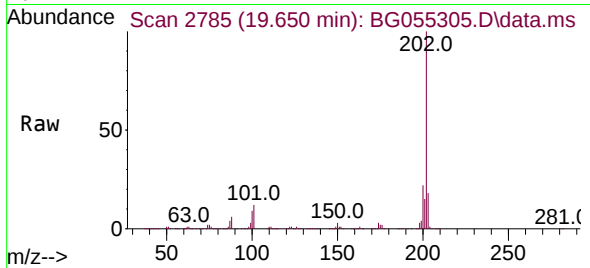
Tgt Ion:149 Resp: 745322
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 5.3 4.2 6.4





#75
Fluoranthene
Concen: 49.877 ng
RT: 19.650 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



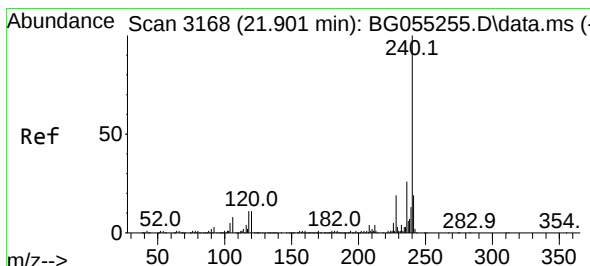
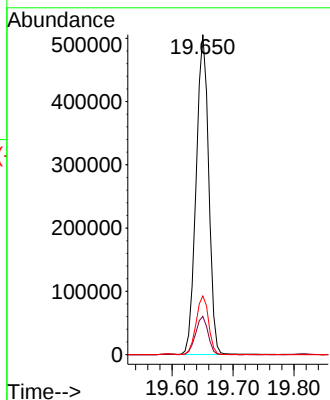
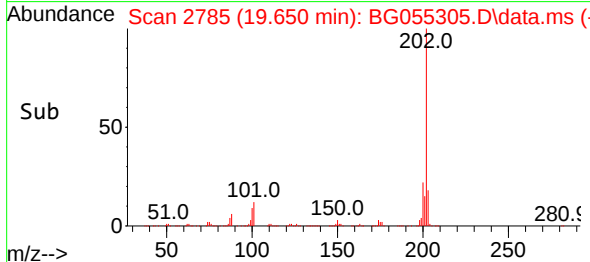
Tgt Ion:202 Resp: 721452
Ion Ratio Lower Upper
202 100
101 11.9 0.0 32.6
203 18.3 0.0 38.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

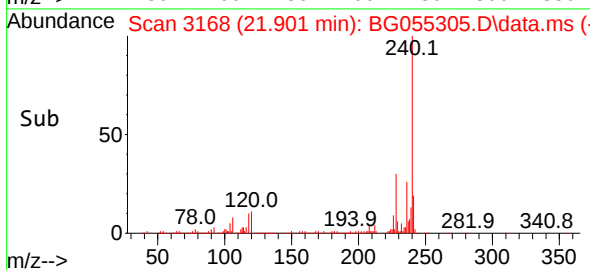
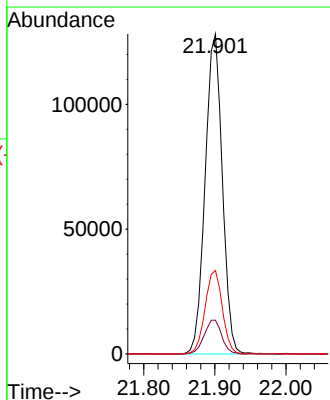
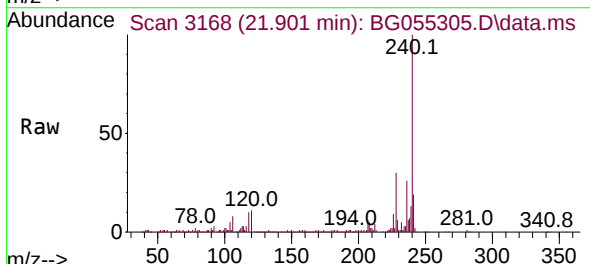
10/27/2022
Supervised By :Jagrut
Upadhyay

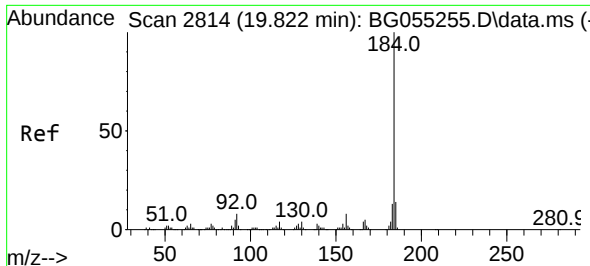
10/27/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.901 min Scan# 3168
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

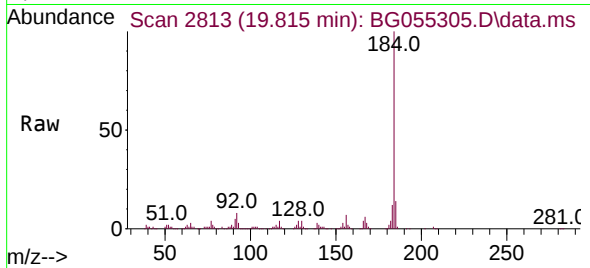
Tgt Ion:240 Resp: 214335
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 26.1 21.0 31.4





#77
Benzidine
Concen: 46.850 ng
RT: 19.815 min Scan# 2813
Delta R.T. -0.007 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



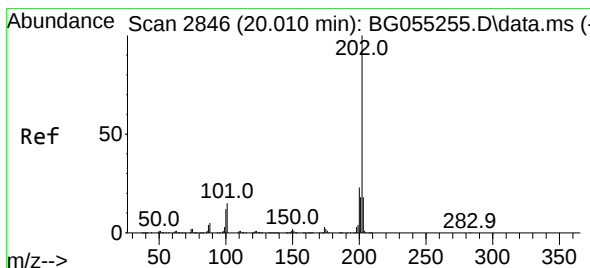
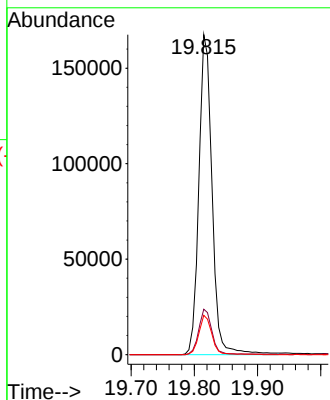
Tgt Ion:184 Resp: 243133
Ion Ratio Lower Upper
184 100
185 14.2 11.0 16.6
183 12.3 10.0 15.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

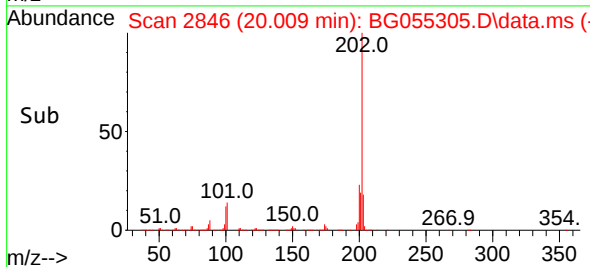
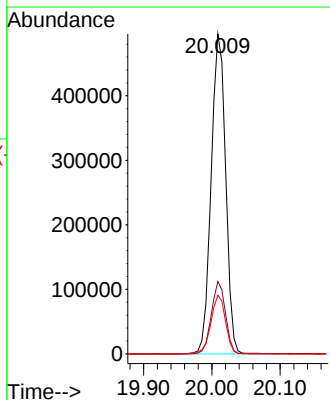
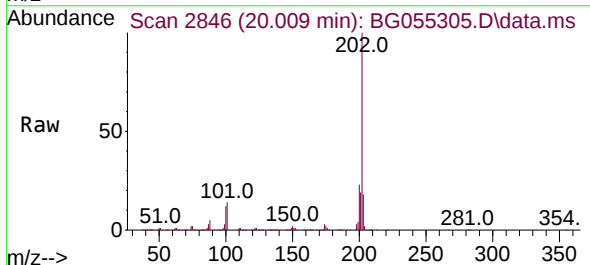
10/27/2022
Supervised By :Jagrut
Upadhyay

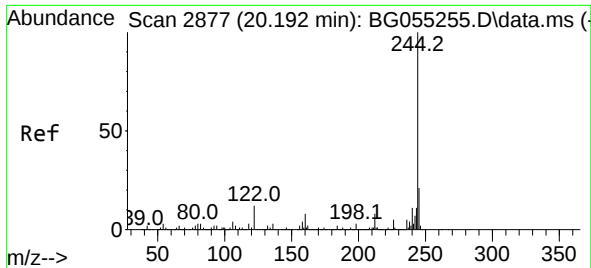
10/27/2022



#78
Pyrene
Concen: 49.536 ng
RT: 20.009 min Scan# 2846
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Tgt Ion:202 Resp: 727743
Ion Ratio Lower Upper
202 100
200 22.6 18.0 27.0
203 18.3 14.3 21.5





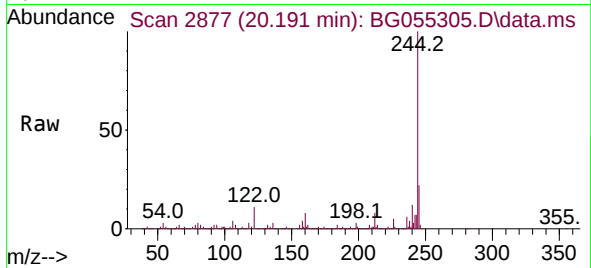
#79
 Terphenyl-d14
 Concen: 100.569 ng
 RT: 20.191 min Scan# 2877
 Delta R.T. -0.001 min
 Lab File: BG055305.D
 Acq: 26 Oct 2022 19:10

Instrument :

BNA_G

ClientSampleId :

72-11976MSD



Tgt Ion:244 Resp: 1037472
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 11.4 9.6 14.4

Manual Integrations

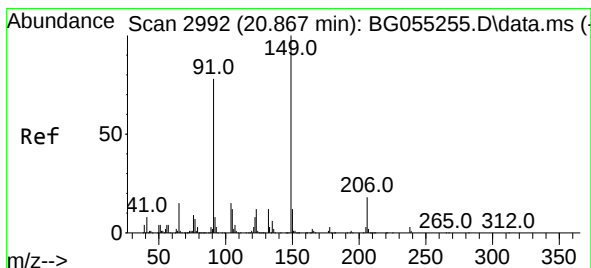
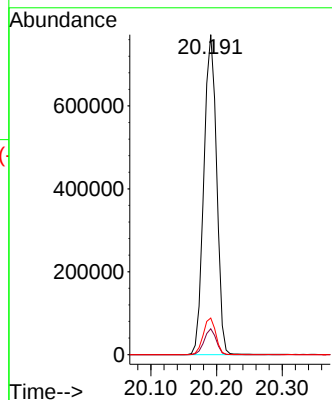
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
 Supervised By :Jagrut Upadhyay 10/27/2022

10/27/2022

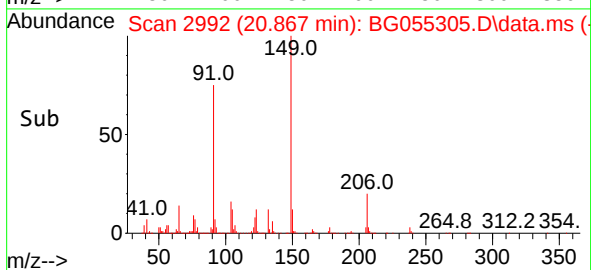
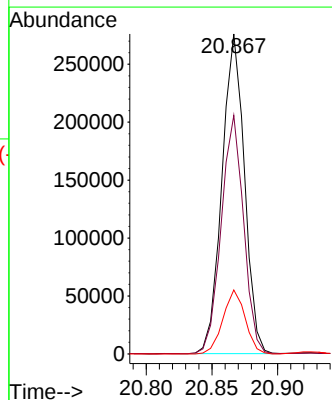
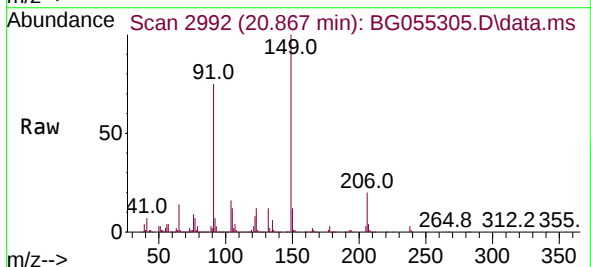
Supervised By :Jagrut
 Upadhyay

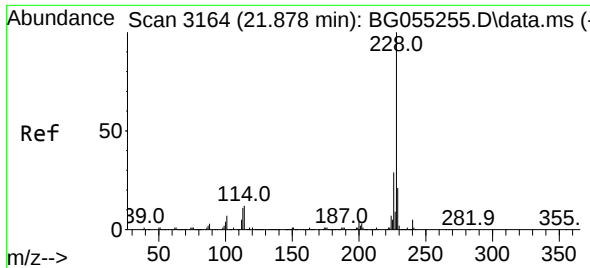
10/27/2022



#80
 Butylbenzylphthalate
 Concen: 47.424 ng
 RT: 20.867 min Scan# 2992
 Delta R.T. -0.000 min
 Lab File: BG055305.D
 Acq: 26 Oct 2022 19:10

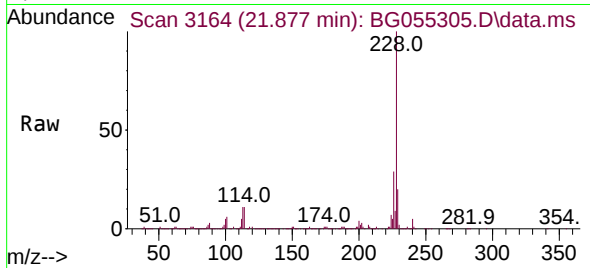
Tgt Ion:149 Resp: 329234
 Ion Ratio Lower Upper
 149 100
 91 74.5 62.2 93.4
 206 20.0 14.6 21.8





#81
Benzo(a)anthracene
Concen: 47.639 ng
RT: 21.877 min Scan# 3164
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



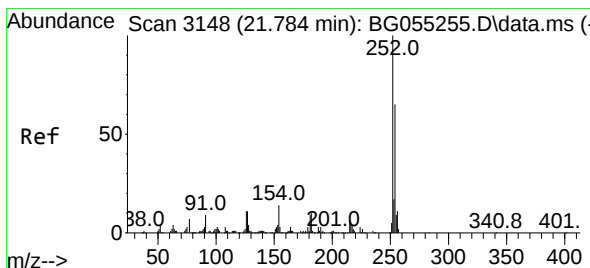
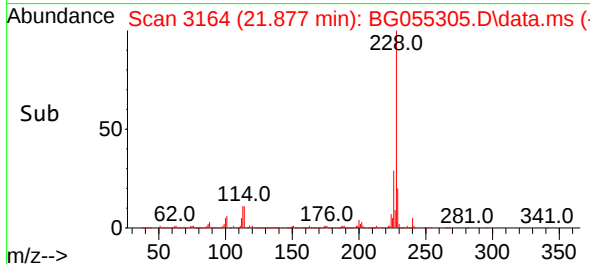
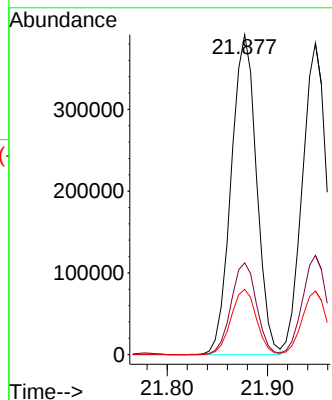
Tgt Ion:228 Resp: 685673
Ion Ratio Lower Upper
228 100
226 28.7 22.9 34.3
229 20.4 16.7 25.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

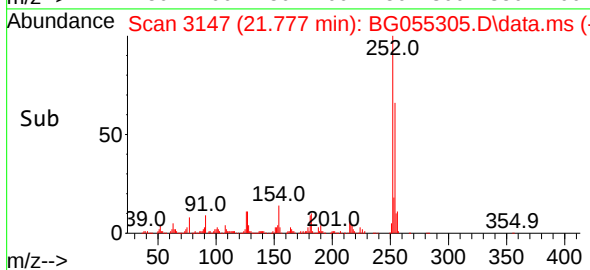
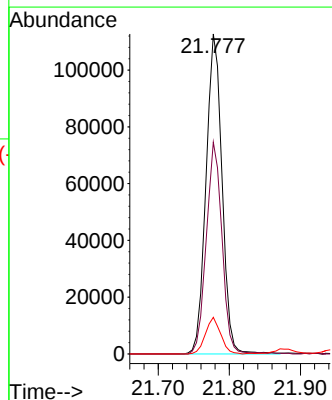
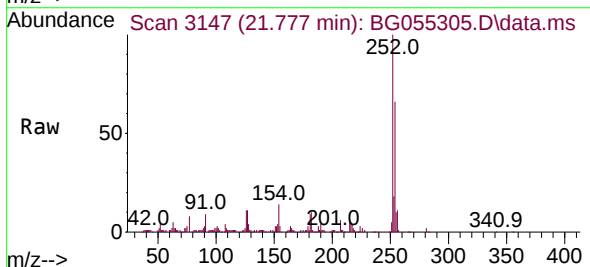
10/27/2022
Supervised By :Jagrut
Upadhyay

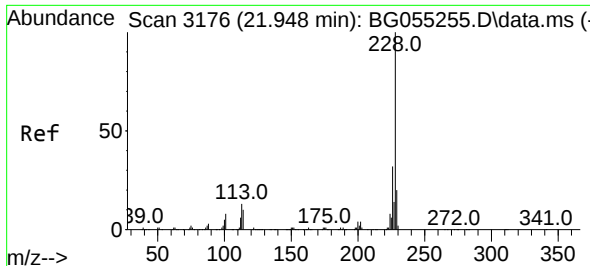
10/27/2022



#82
3,3'-Dichlorobenzidine
Concen: 37.548 ng
RT: 21.777 min Scan# 3147
Delta R.T. -0.007 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

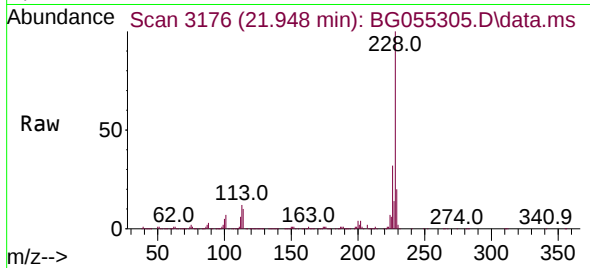
Tgt Ion:252 Resp: 176012
Ion Ratio Lower Upper
252 100
254 66.2 52.2 78.4
126 11.4 8.6 12.8





#83
Chrysene
Concen: 46.843 ng
RT: 21.948 min Scan# 3176
Delta R.T. -0.001 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



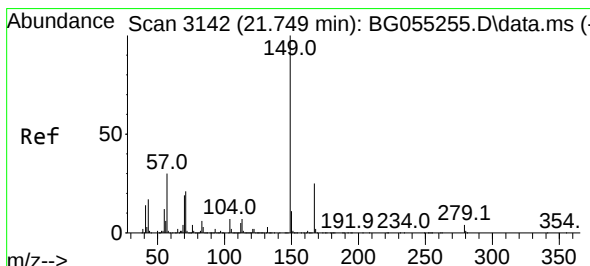
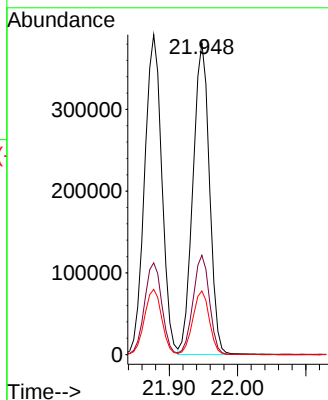
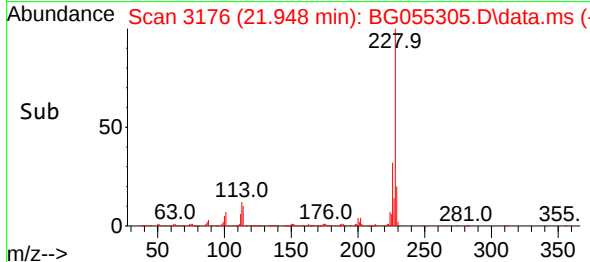
Tgt Ion:228 Resp: 640429
Ion Ratio Lower Upper
228 100
226 31.9 25.8 38.8
229 20.4 16.3 24.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

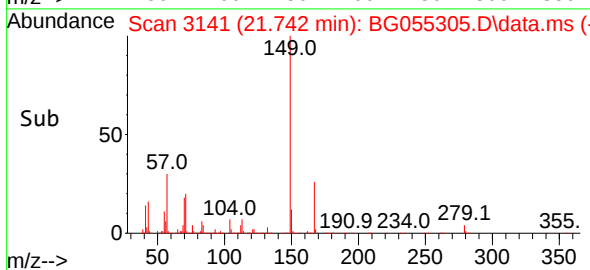
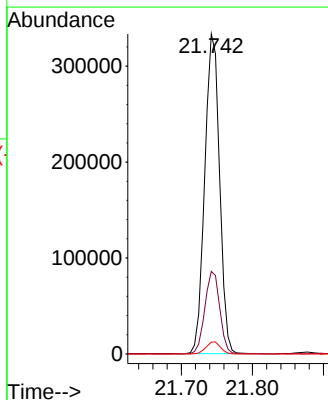
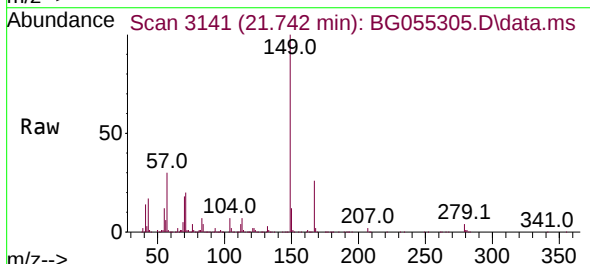
10/27/2022
Supervised By :Jagrut
Upadhyay

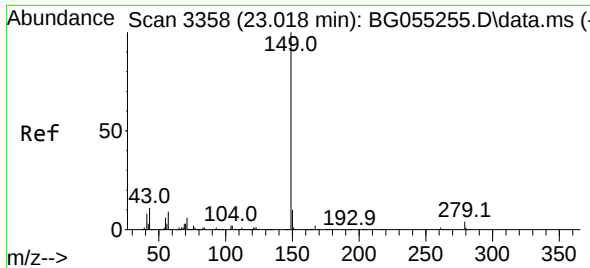
10/27/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.511 ng
RT: 21.742 min Scan# 3141
Delta R.T. -0.007 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

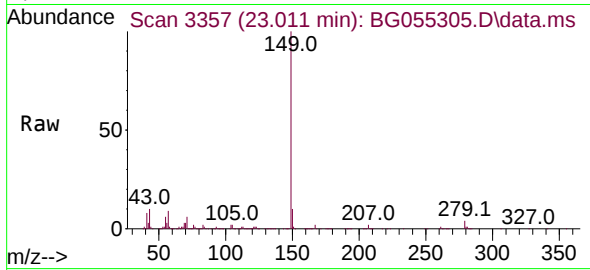
Tgt Ion:149 Resp: 481103
Ion Ratio Lower Upper
149 100
167 25.8 20.2 30.2
279 3.7 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 48.839 ng
RT: 23.011 min Scan# 3358
Delta R.T. -0.007 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



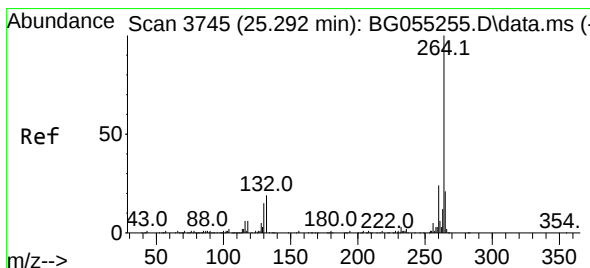
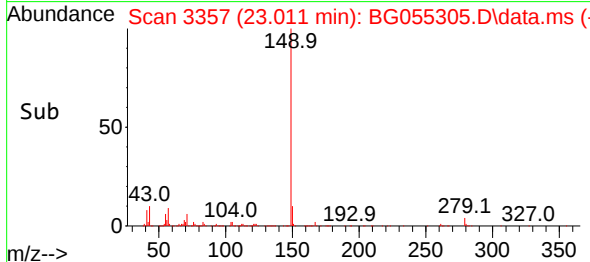
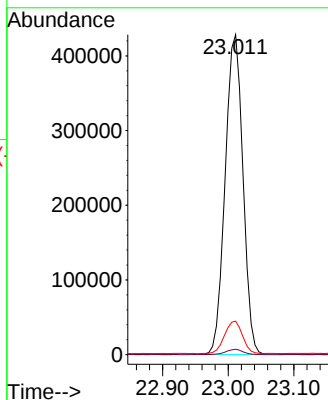
Tgt Ion:149 Resp: 806913
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.3 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

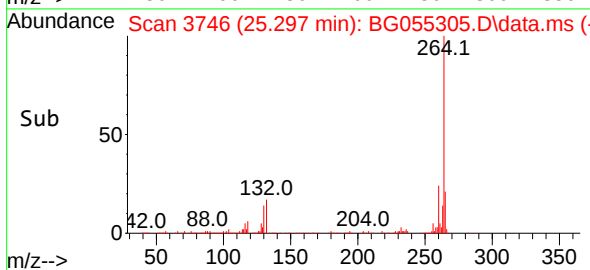
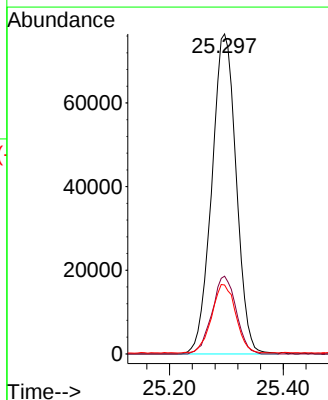
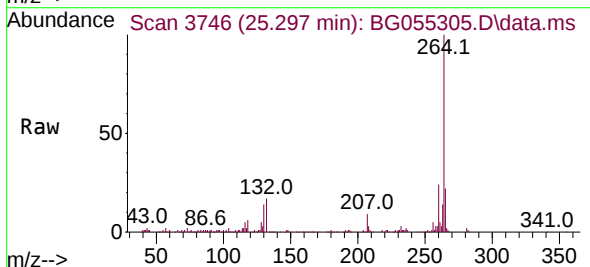
10/27/2022
Supervised By :Jagrut
Upadhyay

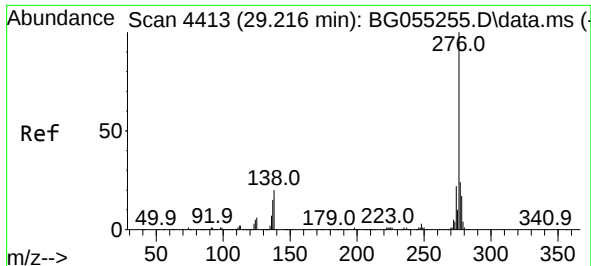
10/27/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.297 min Scan# 3746
Delta R.T. 0.005 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

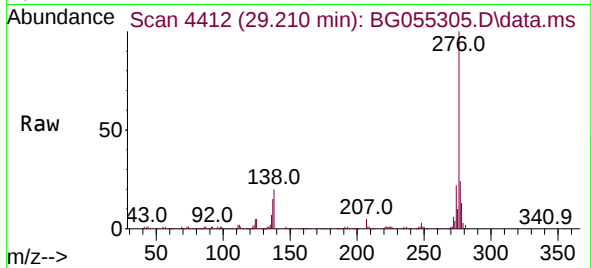
Tgt Ion:264 Resp: 227667
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.5 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.806 ng
 RT: 29.210 min Scan# 4413
 Delta R.T. -0.007 min
 Lab File: BG055305.D
 Acq: 26 Oct 2022 19:10

Instrument :
 BNA_G
 ClientSampleId :
 72-11976MSD



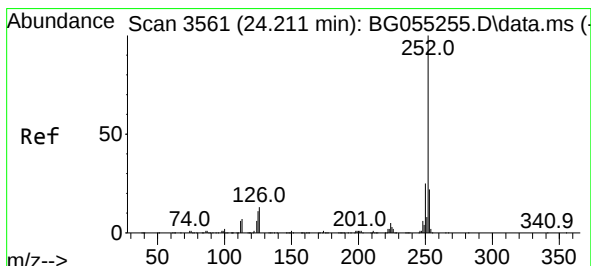
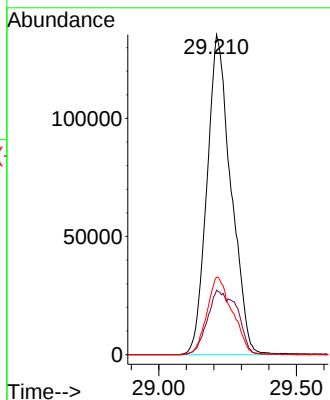
Tgt Ion:276 Resp: 820686
 Ion Ratio Lower Upper
 276 100
 138 15.1 13.9 20.9
 277 25.7 20.3 30.5

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/27/2022
 Supervised By :Jagrut Upadhyay 10/27/2022

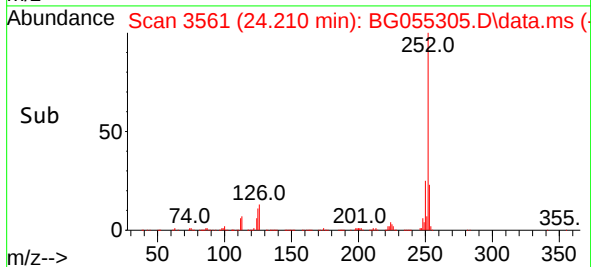
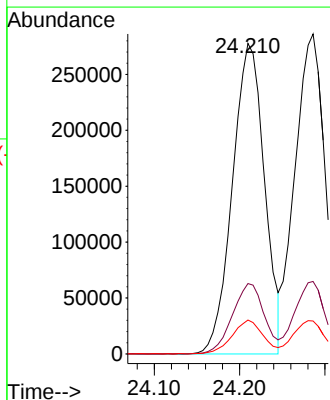
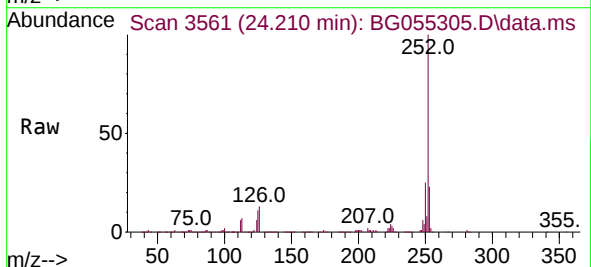
10/27/2022
 Supervised By :Jagrut
 Upadhyay

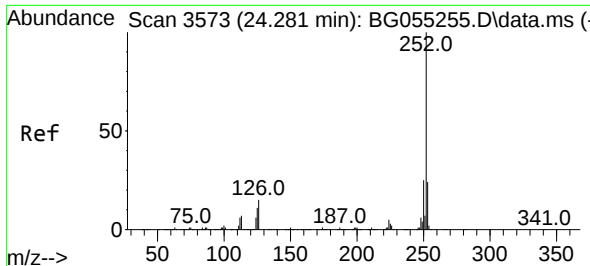
10/27/2022



#88
 Benzo(b)fluoranthene
 Concen: 52.941 ng
 RT: 24.210 min Scan# 3561
 Delta R.T. -0.001 min
 Lab File: BG055305.D
 Acq: 26 Oct 2022 19:10

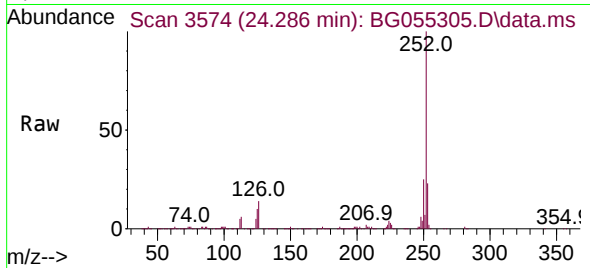
Tgt Ion:252 Resp: 725007
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.6 26.4
 125 10.9 9.0 13.4





#89
Benzo(k)fluoranthene
Concen: 51.273 ng
RT: 24.286 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Instrument :
BNA_G
ClientSampleId :
72-11976MSD



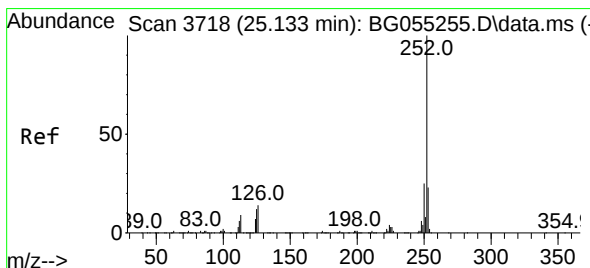
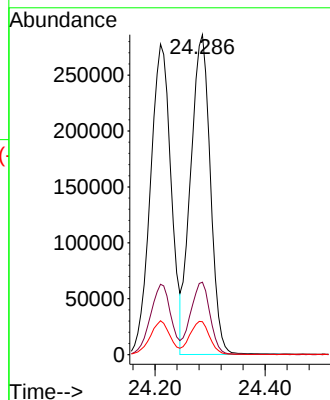
Tgt Ion:252 Resp: 709017
Ion Ratio Lower Upper
252 100
253 22.6 18.6 27.8
125 10.3 9.1 13.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

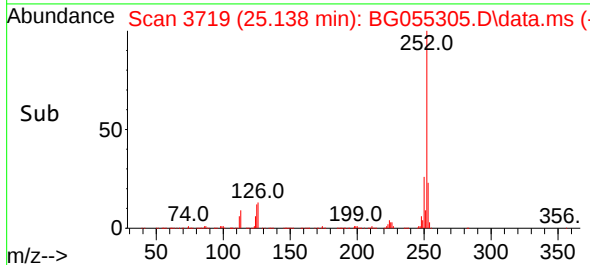
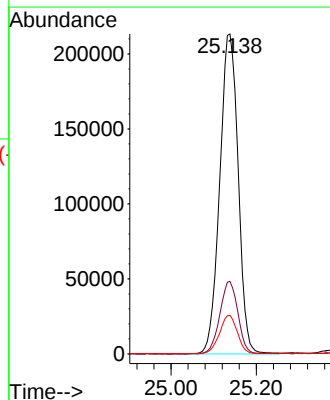
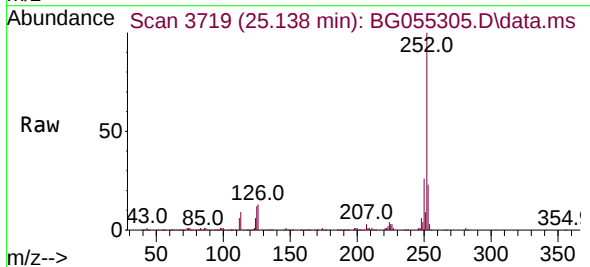
10/27/2022
Supervised By :Jagrut
Upadhyay

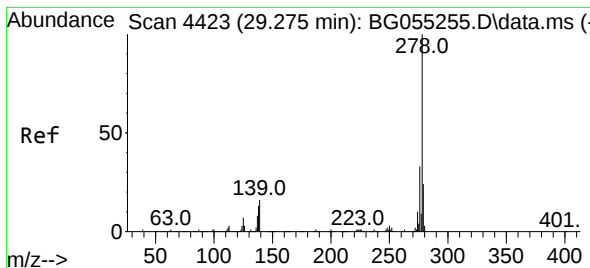
10/27/2022



#90
Benzo(a)pyrene
Concen: 54.424 ng
RT: 25.138 min Scan# 3719
Delta R.T. 0.005 min
Lab File: BG055305.D
Acq: 26 Oct 2022 19:10

Tgt Ion:252 Resp: 639141
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 12.0 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 51.514 ng

RT: 29.274 min Scan# 4423

Delta R.T. -0.001 min

Lab File: BG055305.D

Acq: 26 Oct 2022 19:10

Instrument :

BNA_G

ClientSampleId :

72-11976MSD

Tgt Ion:278 Resp: 710848

Ion Ratio Lower Upper

278 100

139 15.5 12.9 19.3

279 24.5 19.0 28.6

Manual Integrations

APPROVED

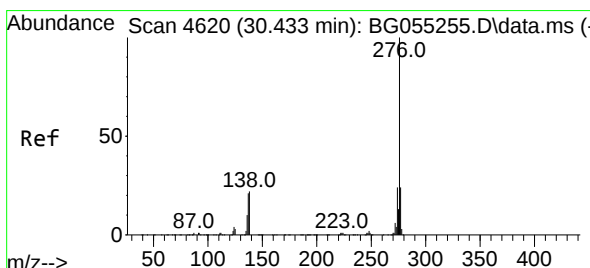
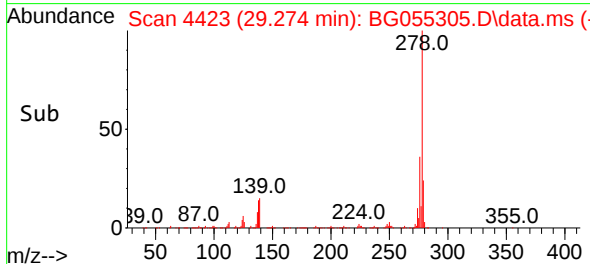
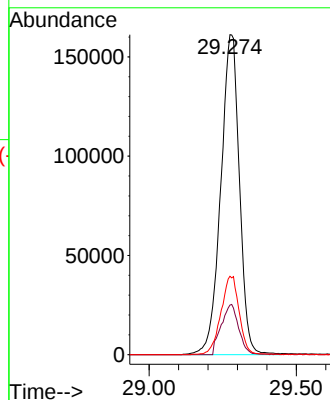
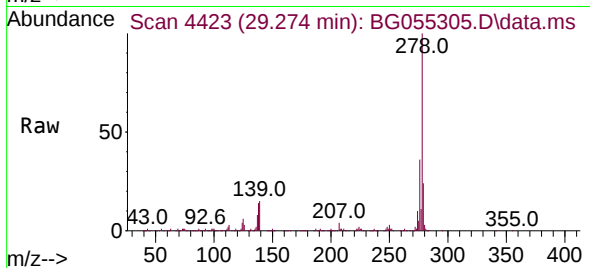
Reviewed By :Christian Giraldo 10/27/2022

Supervised By :Jagrut Upadhyay 10/27/2022

10/27/2022

Supervised By :Jagrut Upadhyay

10/27/2022



#92

Benzo(g,h,i)perylene

Concen: 50.921 ng

RT: 30.438 min Scan# 4621

Delta R.T. 0.005 min

Lab File: BG055305.D

Acq: 26 Oct 2022 19:10

Tgt Ion:276 Resp: 696950

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 20.6 17.2 25.8

