

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
 Data File : BG055800.D
 Acq On : 28 Nov 2022 11:20
 Operator : CG/JU
 Sample : PB149283BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB149283BS

Manual Integrations

APPROVED

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

Quant Time: Nov 29 02:05:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 02:02:15 2022
 Response via : Initial Calibration

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

Internal Standards

1) 1,4-Dichlorobenzene-d4	8.230	152	37459	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	156504	20.000	ng	0.00
39) Acenaphthene-d10	14.858	164	120005	20.000	ng	0.00
64) Phenanthrene-d10	17.596	188	298431	20.000	ng	0.00
76) Chrysene-d12	21.897	240	291071	20.000	ng	0.00
86) Perylene-d12	25.287	264	304678	20.000	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.763	112	314438	151.727	ng	0.00
7) Phenol-d6	7.384	99	408550	148.095	ng	0.00
23) Nitrobenzene-d5	9.405	82	250244	84.513	ng	0.00
42) 2,4,6-Tribromophenol	16.344	330	237033	140.271	ng	0.00
45) 2-Fluorobiphenyl	13.483	172	644669	80.480	ng	0.00
79) Terphenyl-d14	20.181	244	1267147	87.073	ng	0.00

Target Compounds

Compound	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.589	88	31268	35.305	ng	94
3) Pyridine	4.000	79	91431	33.652	ng	98
4) n-Nitrosodimethylamine	3.912	42	60324	41.937	ng	94
6) Aniline	7.543	93	117882	34.020	ng	98
8) 2-Chlorophenol	7.795	128	117052	49.407	ng	100
9) Benzaldehyde	7.355	77	64415m	34.382	ng	
10) Phenol	7.408	94	151133	48.928	ng	99
11) bis(2-Chloroethyl)ether	7.637	93	102612	43.348	ng	97
12) 1,3-Dichlorobenzene	8.119	146	118760	42.636	ng	98
13) 1,4-Dichlorobenzene	8.265	146	122164	43.403	ng	99
14) 1,2-Dichlorobenzene	8.589	146	118535	43.948	ng	97
15) Benzyl Alcohol	8.465	79	101661m	45.343	ng	
16) 2,2'-oxybis(1-Chloropr...	8.753	45	188819	44.062	ng	99
17) 2-Methylphenol	8.671	107	106207	48.430	ng	97
18) Hexachloroethane	9.323	117	42369	43.735	ng	93
19) n-Nitroso-di-n-propyla...	9.035	70	91243	43.047	ng	99
20) 3+4-Methylphenols	9.000	107	146720	47.894	ng	98
22) Acetophenone	9.059	105	176205	43.328	ng	98
24) Nitrobenzene	9.446	77	133696	43.227	ng	100
25) Isophorone	9.969	82	257832	45.957	ng	99
26) 2-Nitrophenol	10.163	139	67552	47.313	ng	97
27) 2,4-Dimethylphenol	10.210	122	118425m	54.498	ng	
28) bis(2-Chloroethoxy)met...	10.445	93	147768	49.061	ng	100
29) 2,4-Dichlorophenol	10.704	162	123960	47.660	ng	98
30) 1,2,4-Trichlorobenzene	10.921	180	125669	41.589	ng	99
31) Naphthalene	11.109	128	358924	42.424	ng	99
32) Benzoic acid	10.357	122	67484	37.747	ng	97
33) 4-Chloroaniline	11.221	127	71957	20.618	ng	97
34) Hexachlorobutadiene	11.385	225	82739	40.100	ng	97
35) Caprolactam	11.985	113	45682m	50.755	ng	
36) 4-Chloro-3-methylphenol	12.325	107	142140	49.723	ng	99
37) 2-Methylnaphthalene	12.701	142	274947	43.404	ng	99
38) 1-Methylnaphthalene	12.919	142	259773	42.242	ng	99
40) 1,2,4,5-Tetrachloroben...	13.066	216	156100	41.393	ng	99
41) Hexachlorocyclopentadiene	13.036	237	178713	94.024	ng	99
43) 2,4,6-Trichlorophenol	13.301	196	111366	43.291	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
 Data File : BG055800.D
 Acq On : 28 Nov 2022 11:20
 Operator : CG/JU
 Sample : PB149283BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149283BS

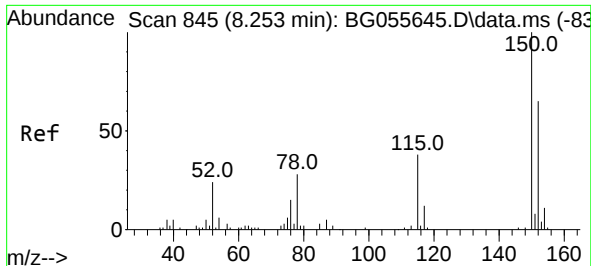
Manual Integrations
 APPROVED

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

Quant Time: Nov 29 02:05:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 02:02:15 2022
 Response via : Initial Calibration

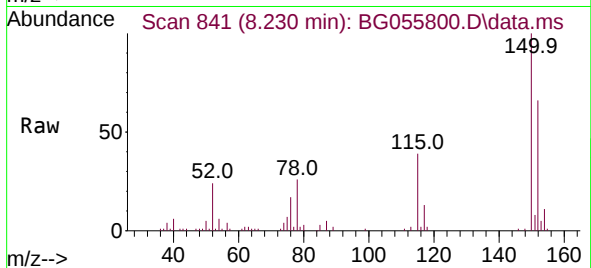
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.377	196	124899	44.181	ng	98	11/29/2022
46) 1,1'-Biphenyl	13.694	154	376455	43.048	ng	99	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	13.741	162	289672	42.617	ng	99	
48) 2-Nitroaniline	13.941	65	101461	45.402	ng	93	
49) Acenaphthylene	14.582	152	485337	43.361	ng	99	
50) Dimethylphthalate	14.300	163	419759	43.879	ng	100	
51) 2,6-Dinitrotoluene	14.423	165	90794	46.418	ng	97	11/29/2022
52) Acenaphthene	14.922	154	358207m	48.967	ng		
53) 3-Nitroaniline	14.758	138	52581	24.488	ng	97	
54) 2,4-Dinitrophenol	14.969	184	115753	102.926	ng	98	
55) Dibenzofuran	15.251	168	484179	42.904	ng	99	
56) 4-Nitrophenol	15.069	139	156707	92.987	ng	100	
57) 2,4-Dinitrotoluene	15.210	165	132354	47.993	ng	99	
58) Fluorene	15.898	166	391492	43.434	ng	98	
59) 2,3,4,6-Tetrachlorophenol	15.475	232	119499	43.625	ng	98	
60) Diethylphthalate	15.651	149	434190	44.892	ng	100	
61) 4-Chlorophenyl-phenyle...	15.880	204	214450	43.283	ng	97	
62) 4-Nitroaniline	15.921	138	96681	43.073	ng	98	
63) Azobenzene	16.174	77	373783	44.267	ng	98	
65) 4,6-Dinitro-2-methylph...	15.980	198	80979	48.595	ng	95	
66) n-Nitrosodiphenylamine	16.097	169	360695	43.856	ng	99	
67) 4-Bromophenyl-phenylether	16.779	248	146336	43.036	ng	98	
68) Hexachlorobenzene	16.902	284	163454	43.352	ng	99	
69) Atrazine	17.038	200	157304	48.360	ng	99	
70) Pentachlorophenol	17.249	266	190885	82.762	ng	99	
71) Phenanthrene	17.643	178	684529	42.505	ng	99	
72) Anthracene	17.731	178	699243	44.687	ng	99	
73) Carbazole	18.001	167	643159	45.721	ng	100	
74) Di-n-butylphthalate	18.530	149	774805	44.358	ng	100	
75) Fluoranthene	19.640	202	829515	42.339	ng	99	
77) Benzidine	19.811	184	330575	49.092	ng	98	
78) Pyrene	19.999	202	851410	43.214	ng	99	
80) Butylbenzylphthalate	20.862	149	343702	44.562	ng	98	
81) Benzo(a)anthracene	21.873	228	851486	42.473	ng	98	
82) 3,3'-Dichlorobenzidine	21.773	252	187813	26.661	ng	99	
83) Chrysene	21.944	228	797606	41.792	ng	99	
84) Bis(2-ethylhexyl)phtha...	21.744	149	499360	45.050	ng	100	
85) Di-n-octyl phthalate	23.007	149	842445	44.411	ng	100	
87) Indeno(1,2,3-cd)pyrene	29.206	276	1018505	40.805	ng	# 94	
88) Benzo(b)fluoranthene	24.206	252	906060	45.663	ng	100	
89) Benzo(k)fluoranthene	24.276	252	874210	44.199	ng	99	
90) Benzo(a)pyrene	25.128	252	799749	46.969	ng	98	
91) Dibenzo(a,h)anthracene	29.270	278	862918	42.307	ng	98	
92) Benzo(g,h,i)perylene	30.439	276	850364	41.365	ng	99	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.230 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

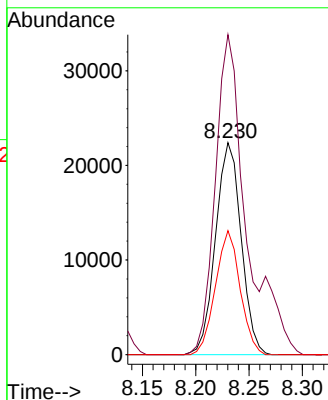
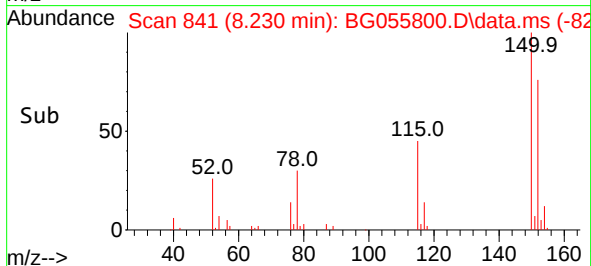
Instrument :
BNA_G
ClientSampleId :
PB149283BS



Tgt Ion:152 Resp: 37459
Ion Ratio Lower Upper
152 100
150 151.0 123.0 184.6
115 58.4 47.0 70.4

Manual Integrations
APPROVED

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



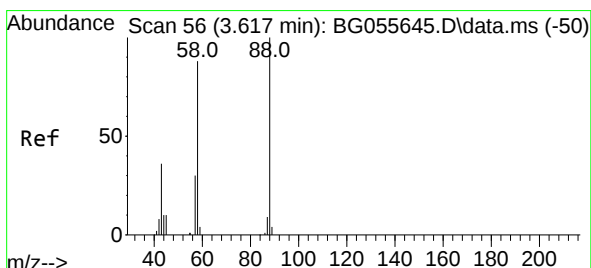
11/29/2022

Supervised By :Jagrut
Upadhyay

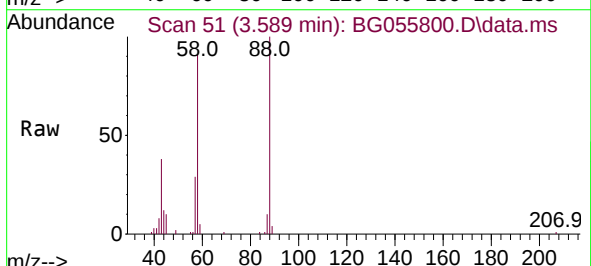
11/29/2022

Supervised By :Jagrut
Upadhyay

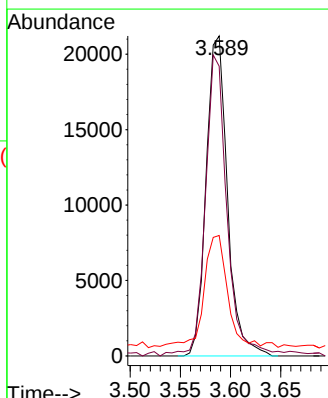
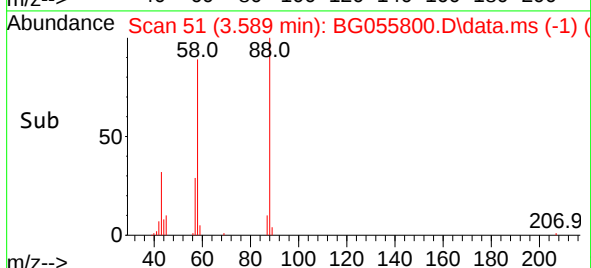
11/29/2022

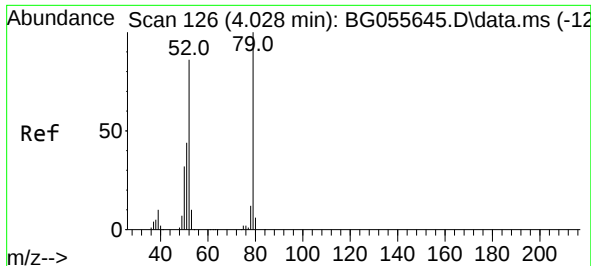


#2
1,4-Dioxane
Concen: 35.305 ng
RT: 3.589 min Scan# 51
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20



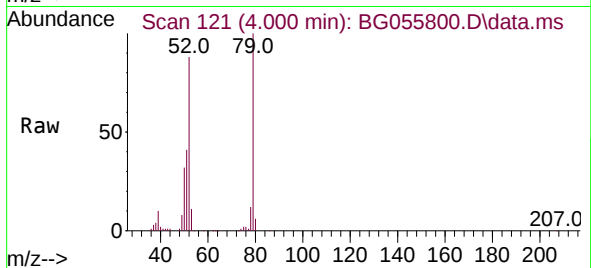
Tgt Ion: 88 Resp: 31268
Ion Ratio Lower Upper
88 100
58 95.5 71.3 106.9
43 38.0 28.6 43.0





#3
Pyridine
Concen: 33.652 ng
RT: 4.000 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

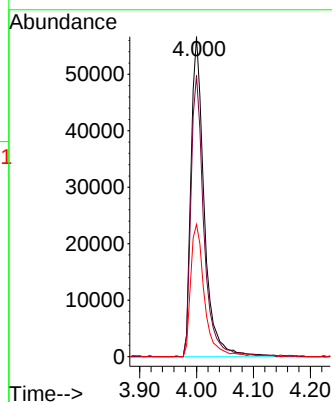
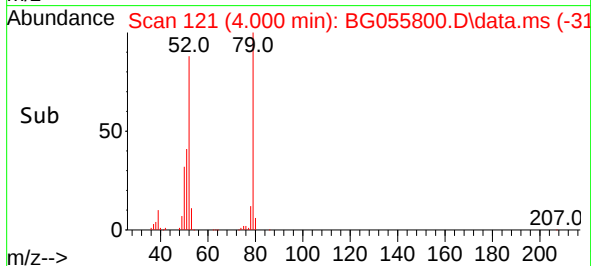
Instrument :
BNA_G
ClientSampleId :
PB149283BS



Tgt Ion: 79 Resp: 91431
Ion Ratio Lower Upper
79 100
52 87.9 68.9 103.3
51 41.3 34.8 52.2

Manual Integrations APPROVED

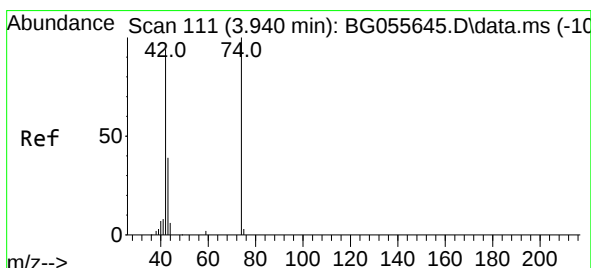
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



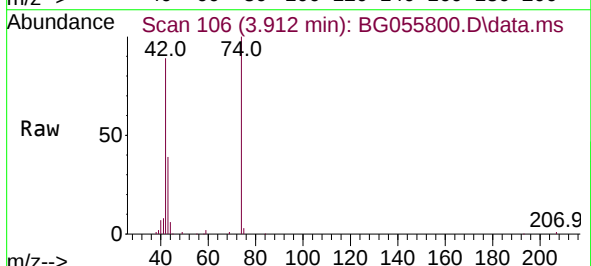
11/29/2022
Supervised By :Jagrut
Upadhyay

11/29/2022
Supervised By :Jagrut
Upadhyay

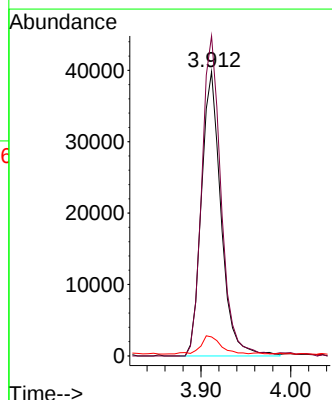
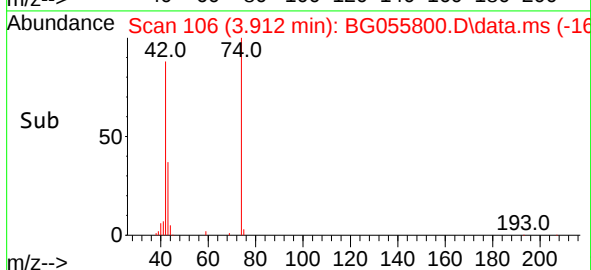
11/29/2022

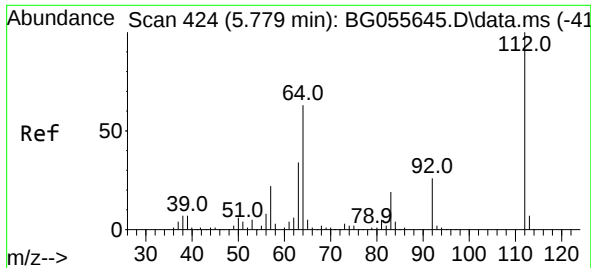


#4
n-Nitrosodimethylamine
Concen: 41.937 ng
RT: 3.912 min Scan# 106
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20



Tgt Ion: 42 Resp: 60324
Ion Ratio Lower Upper
42 100
74 112.6 84.7 127.1
44 6.7 5.4 8.0





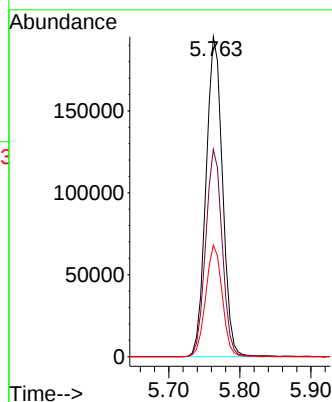
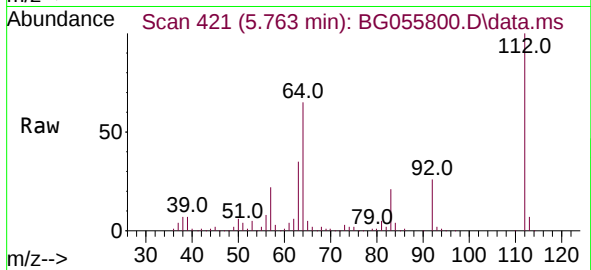
#5
2-Fluorophenol
Concen: 151.727 ng
RT: 5.763 min Scan# 41
Delta R.T. 0.005 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :
BNA_G
ClientSampleId :
PB149283BS

Tgt Ion:112 Resp: 314438
Ion Ratio Lower Upper
112 100
64 64.8 50.6 76.0
63 34.9 27.5 41.3

Manual Integrations
APPROVED

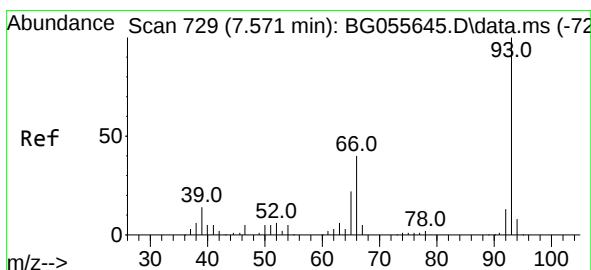
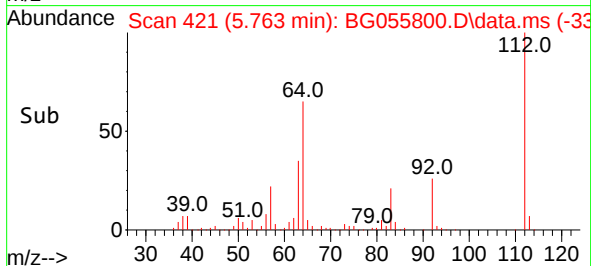
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



11/29/2022
Supervised By :Jagrut
Upadhyay

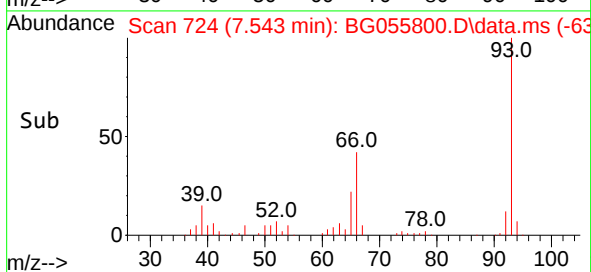
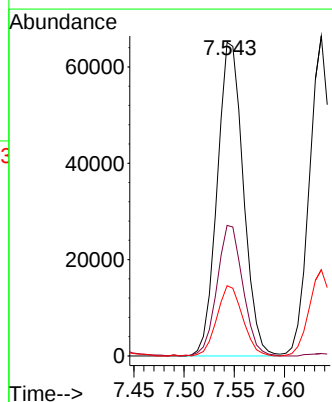
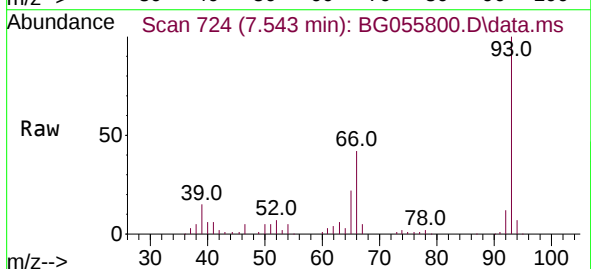
11/29/2022
Supervised By :Jagrut
Upadhyay

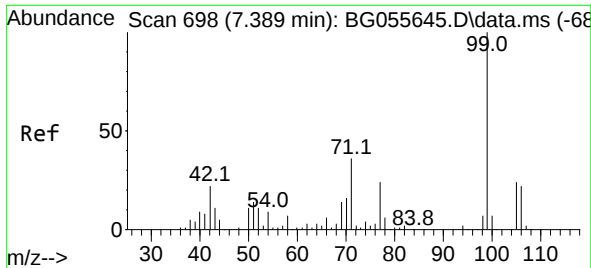
11/29/2022



#6
Aniline
Concen: 34.020 ng
RT: 7.543 min Scan# 724
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

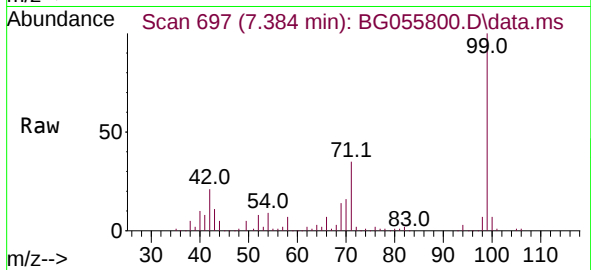
Tgt Ion: 93 Resp: 117882
Ion Ratio Lower Upper
93 100
66 41.6 31.7 47.5
65 22.4 17.9 26.9





#7
Phenol-d6
Concen: 148.095 ng
RT: 7.384 min Scan# 698
Delta R.T. 0.005 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

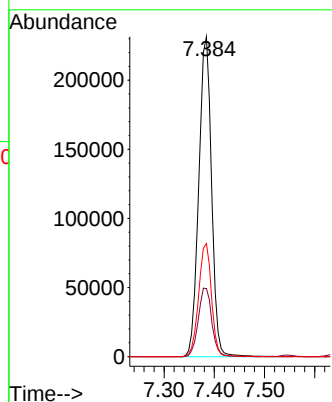
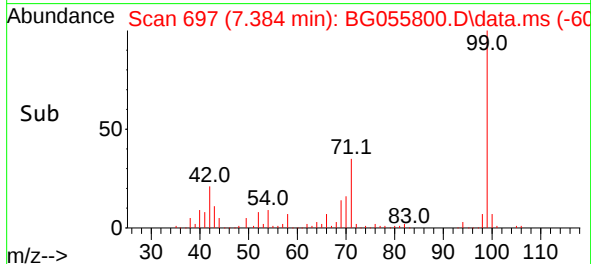
Instrument :
BNA_G
ClientSampleId :
PB149283BS



Tgt Ion: 99 Resp: 408550
Ion Ratio Lower Upper
99 100
42 21.3 18.0 27.0
71 35.3 29.0 43.6

Manual Integrations
APPROVED

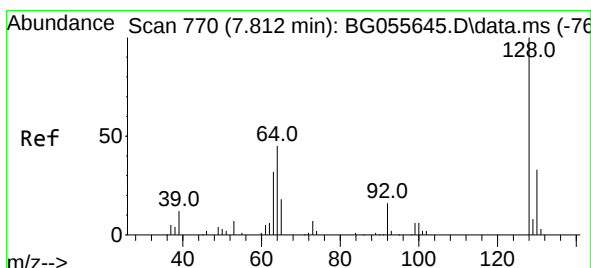
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



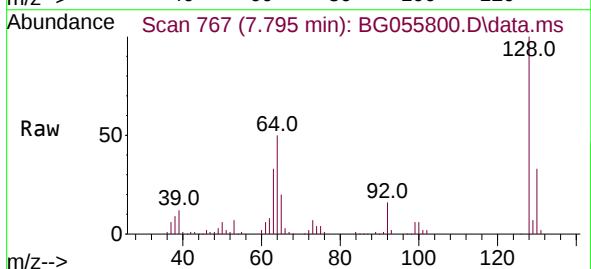
11/29/2022
Supervised By :Jagrut
Upadhyay

11/29/2022
Supervised By :Jagrut
Upadhyay

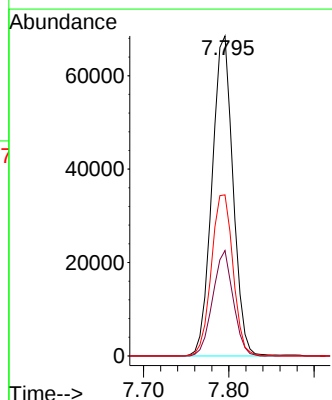
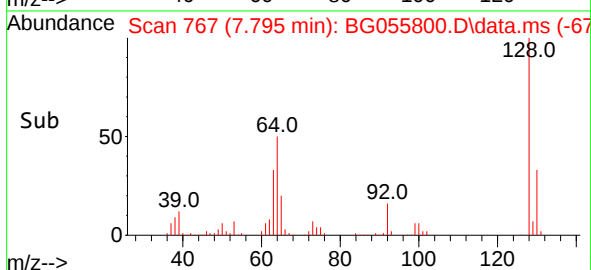
11/29/2022

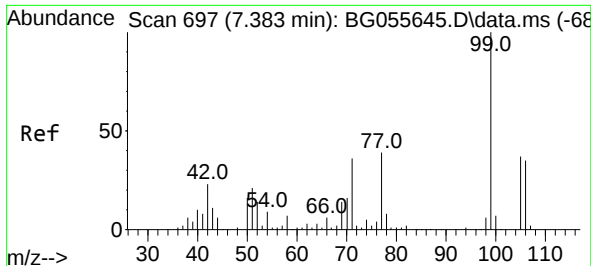


#8
2-Chlorophenol
Concen: 49.407 ng
RT: 7.795 min Scan# 767
Delta R.T. 0.005 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20



Tgt Ion:128 Resp: 117052
Ion Ratio Lower Upper
128 100
130 32.9 13.1 53.1
64 50.3 30.2 70.2





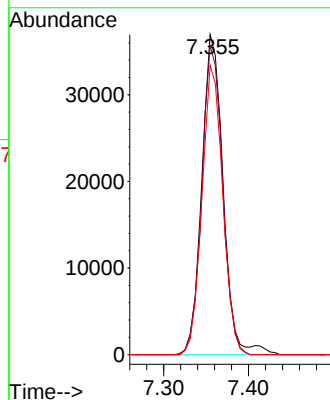
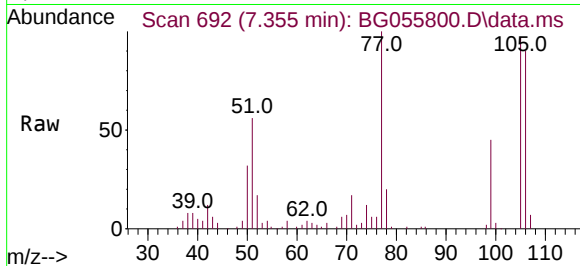
#9
Benzaldehyde
Concen: 34.382 ng m
RT: 7.355 min Scan# 69
Delta R.T. -0.007 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :
BNA_G
ClientSampleId :
PB149283BS

Tgt Ion: 77 Resp: 64415
Ion Ratio Lower Upper
77 100
105 96.6 76.3 116.3
106 90.4 69.8 109.8

Manual Integrations
APPROVED

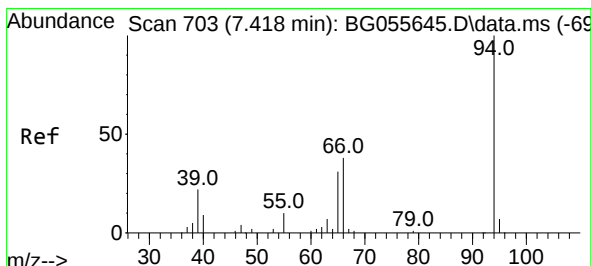
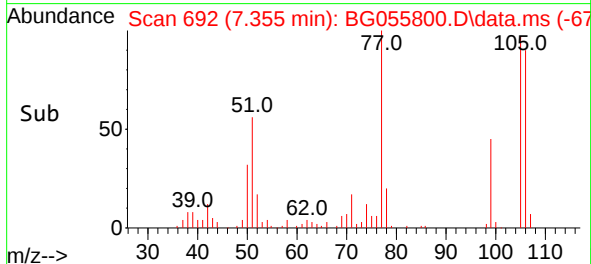
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



11/29/2022
Supervised By :Jagrut
Upadhyay

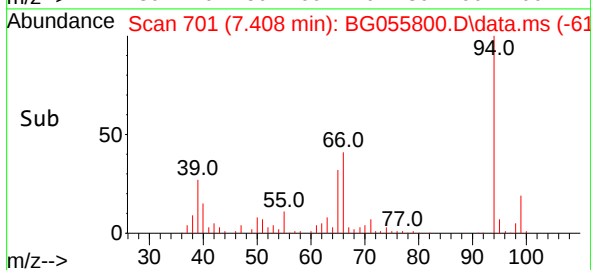
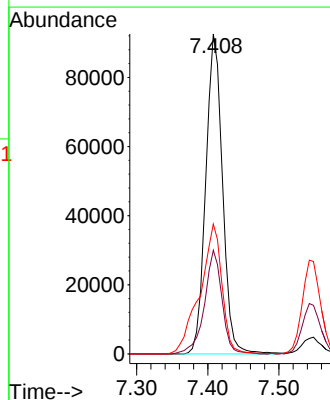
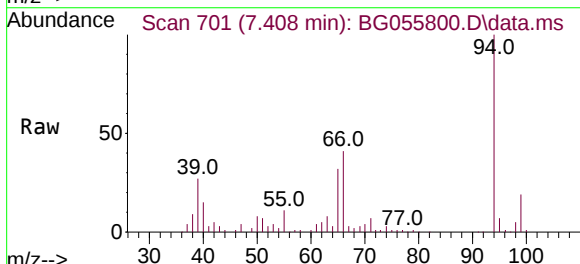
11/29/2022
Supervised By :Jagrut
Upadhyay

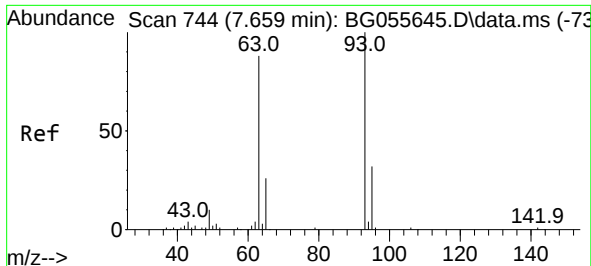
11/29/2022



#10
Phenol
Concen: 48.928 ng
RT: 7.408 min Scan# 701
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Tgt Ion: 94 Resp: 151133
Ion Ratio Lower Upper
94 100
65 32.4 11.8 51.8
66 40.6 20.5 60.5





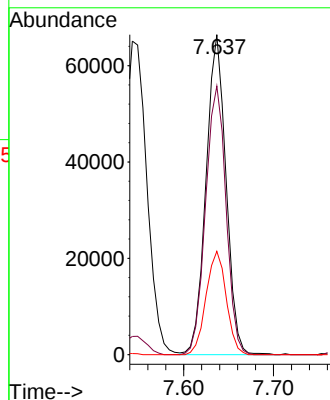
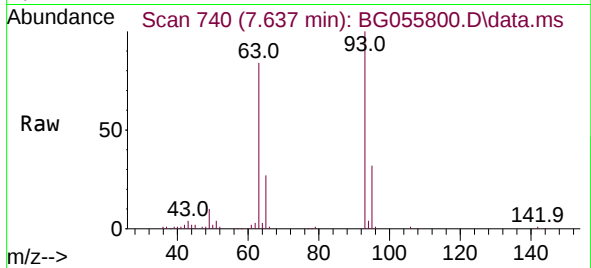
#11
bis(2-Chloroethyl)ether
Concen: 43.348 ng
RT: 7.637 min Scan# 744
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :
BNA_G
ClientSampleId :
PB149283BS

Tgt Ion: 93 Resp: 102612
Ion Ratio Lower Upper
93 100
63 83.9 67.6 107.6
95 32.3 11.8 51.8

Manual Integrations
APPROVED

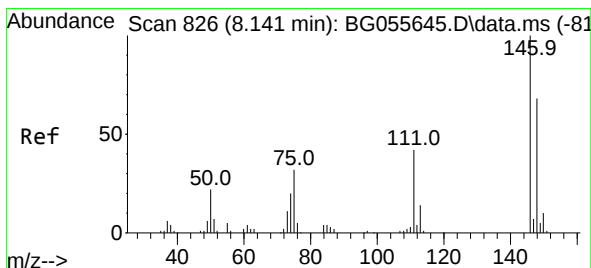
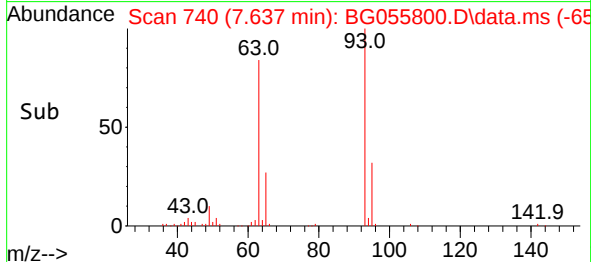
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



11/29/2022
Supervised By :Jagrut
Upadhyay

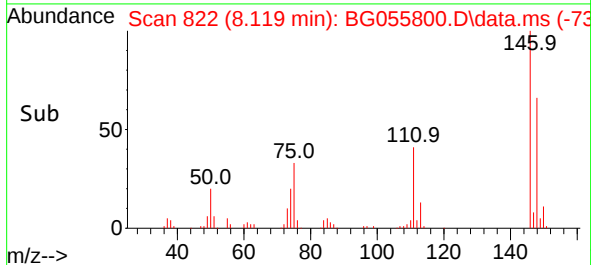
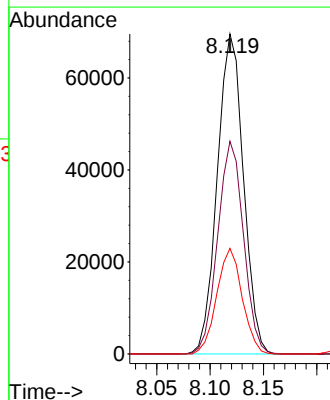
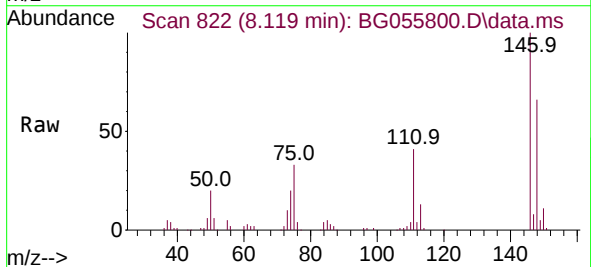
11/29/2022
Supervised By :Jagrut
Upadhyay

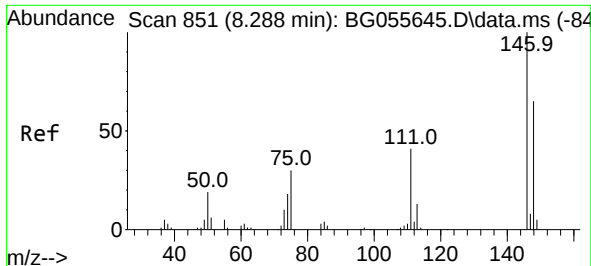
11/29/2022



#12
1,3-Dichlorobenzene
Concen: 42.636 ng
RT: 8.119 min Scan# 822
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Tgt Ion:146 Resp: 118760
Ion Ratio Lower Upper
146 100
148 66.4 54.6 81.8
75 33.0 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 43.403 ng

RT: 8.265 min Scan# 84

Delta R.T. -0.001 min

Lab File: BG055800.D

Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

ClientSampleId :

PB149283BS

Tgt Ion:146 Resp: 122164

Ion Ratio Lower Upper

146 100

148 63.8 52.1 78.1

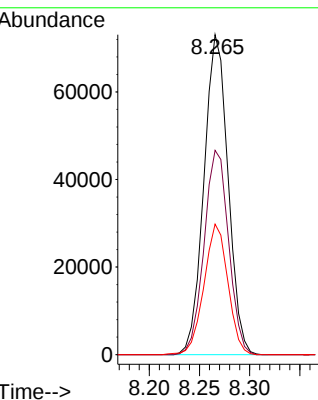
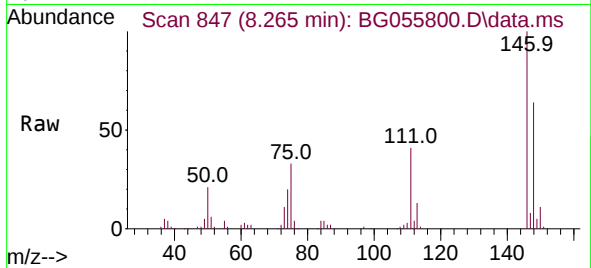
111 40.8 33.0 49.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/29/2022

Supervised By :Jagrut Upadhyay 11/29/2022



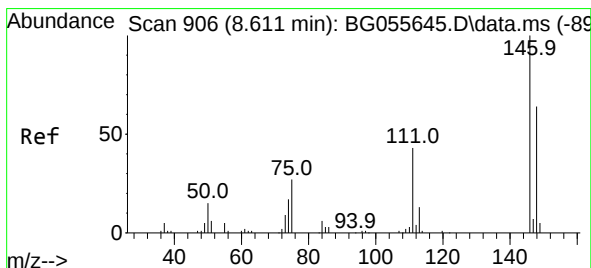
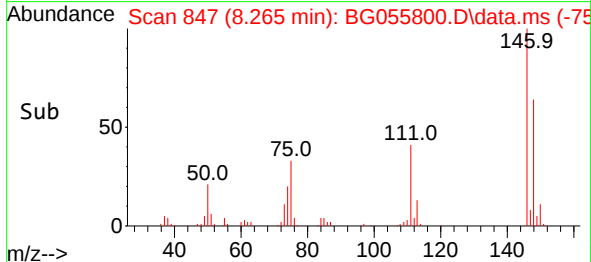
11/29/2022

Supervised By :Jagrut Upadhyay

11/29/2022

Supervised By :Jagrut Upadhyay

11/29/2022



#14

1,2-Dichlorobenzene

Concen: 43.948 ng

RT: 8.589 min Scan# 902

Delta R.T. -0.001 min

Lab File: BG055800.D

Acq: 28 Nov 2022 11:20

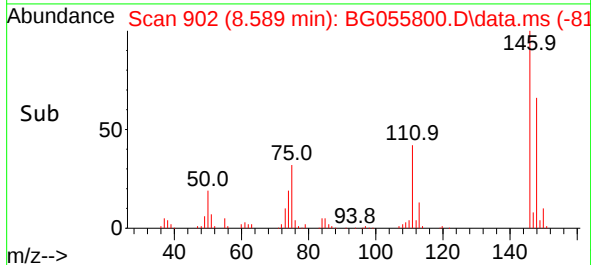
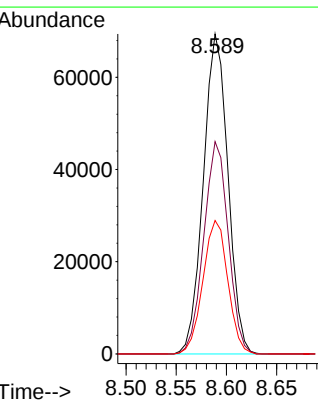
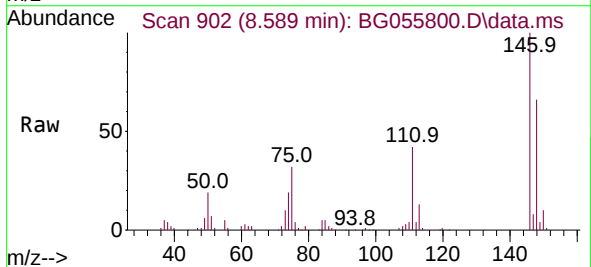
Tgt Ion:146 Resp: 118535

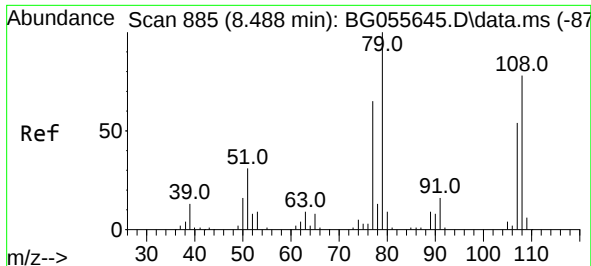
Ion Ratio Lower Upper

146 100

148 66.3 50.9 76.3

111 41.7 34.5 51.7





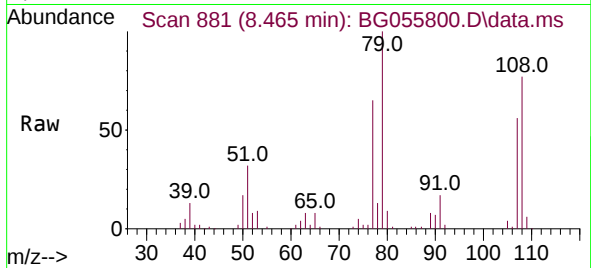
#15
Benzyl Alcohol
Concen: 45.343 ng m
RT: 8.465 min Scan# 881
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

ClientSampleId :

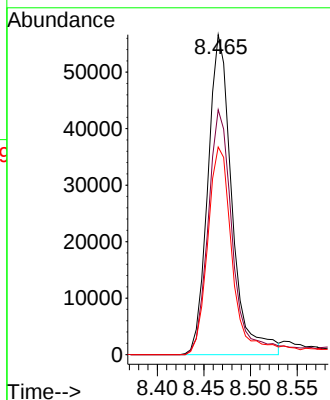
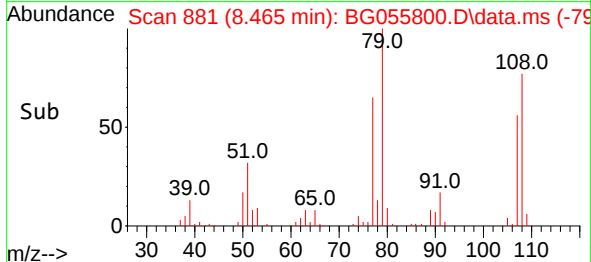
PB149283BS



Tgt Ion: 79 Resp: 10166
Ion Ratio Lower Upper
79 100
108 76.5 62.6 93.8
77 64.9 52.4 78.6

Manual Integrations
APPROVED

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



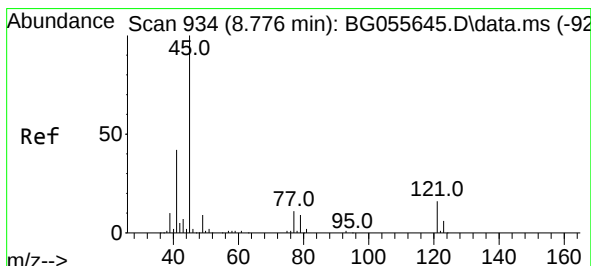
11/29/2022

Supervised By :Jagrut
Upadhyay

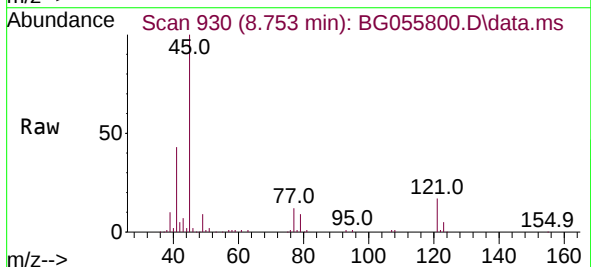
11/29/2022

Supervised By :Jagrut
Upadhyay

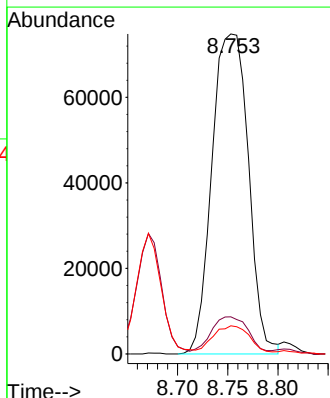
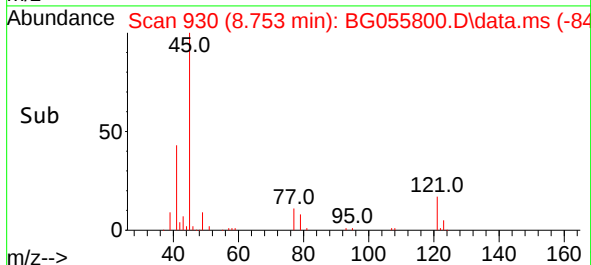
11/29/2022

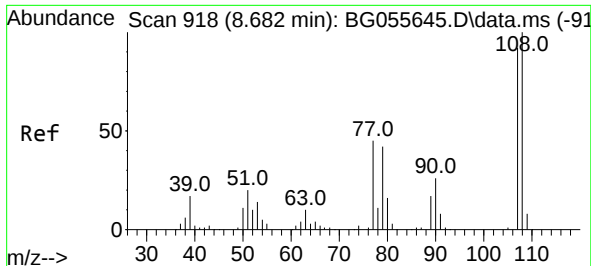


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.062 ng
RT: 8.753 min Scan# 930
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20



Tgt Ion: 45 Resp: 188819
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.7
79 8.8 0.0 29.5





#17
2-Methylphenol
Concen: 48.430 ng
RT: 8.671 min Scan# 916
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

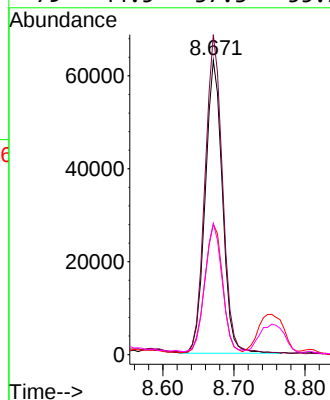
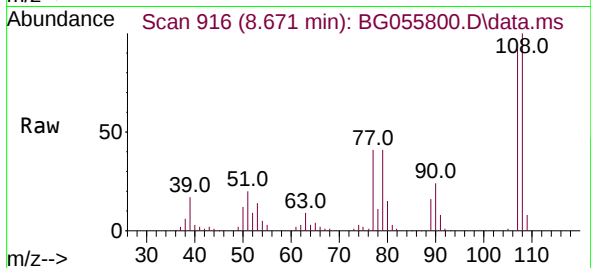
ClientSampleId :

PB149283BS

Tgt Ion:107 Resp: 10620
Ion Ratio Lower Upper
107 100
108 108.7 87.3 130.9
77 44.4 39.4 59.0
79 44.5 37.3 55.9

Manual Integrations
APPROVED

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



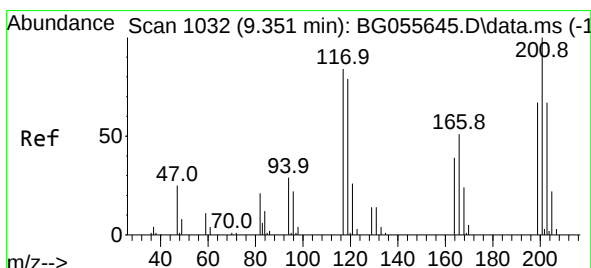
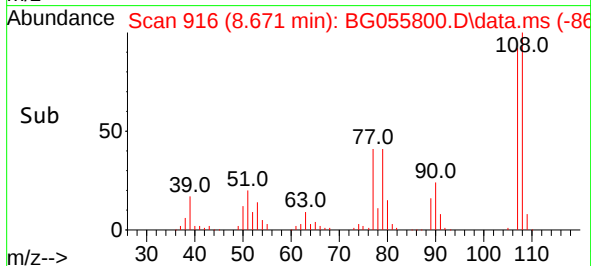
11/29/2022

Supervised By :Jagrut Upadhyay

11/29/2022

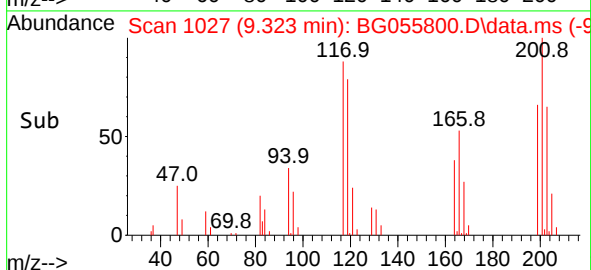
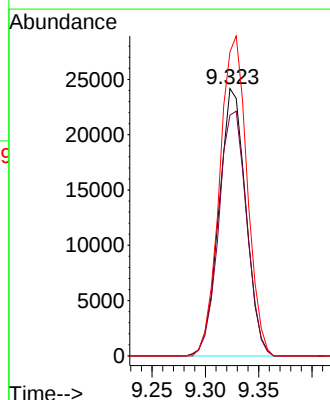
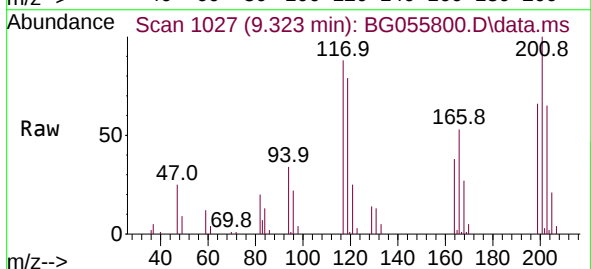
Supervised By :Jagrut Upadhyay

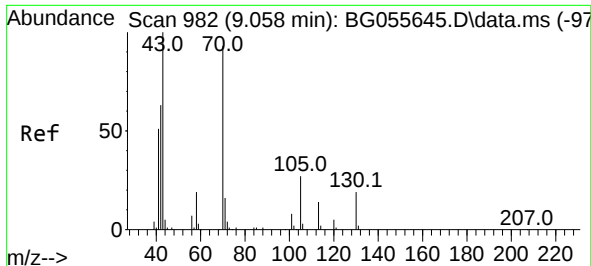
11/29/2022



#18
Hexachloroethane
Concen: 43.735 ng
RT: 9.323 min Scan# 1027
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Tgt Ion:117 Resp: 42369
Ion Ratio Lower Upper
117 100
119 91.2 76.0 114.0
201 113.7 98.6 148.0





#19

n-Nitroso-di-n-propylamine

Concen: 43.047 ng

RT: 9.035 min Scan# 91

Delta R.T. -0.001 min

Lab File: BG055800.D

Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

ClientSampleId :

PB149283BS

Tgt Ion: 70 Resp: 91243

Ion Ratio Lower Upper

70 100

42 68.3 55.2 82.8

101 10.1 7.1 10.7

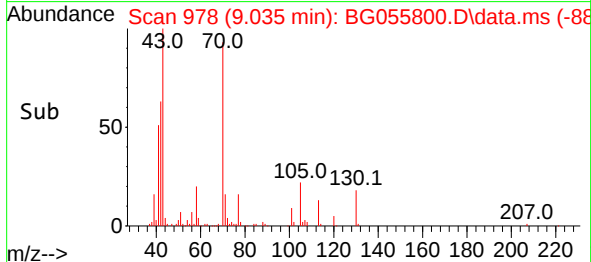
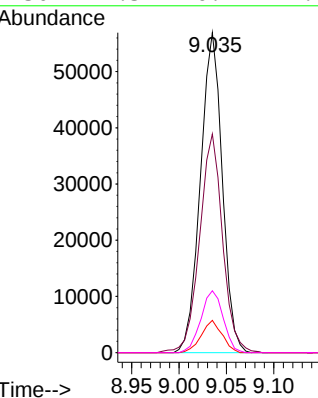
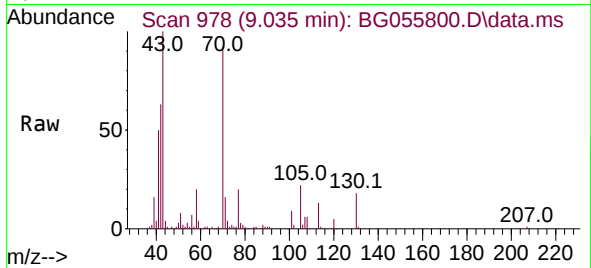
130 19.3 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/29/2022

Supervised By :Jagrut Upadhyay 11/29/2022



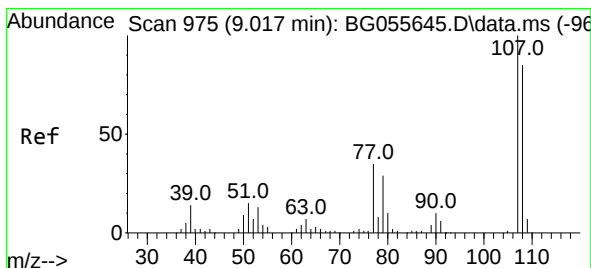
11/29/2022

Supervised By :Jagrut Upadhyay

11/29/2022

Supervised By :Jagrut Upadhyay

11/29/2022



#20

3+4-Methylphenols

Concen: 47.894 ng

RT: 9.000 min Scan# 972

Delta R.T. -0.001 min

Lab File: BG055800.D

Acq: 28 Nov 2022 11:20

Tgt Ion:107 Resp: 146720

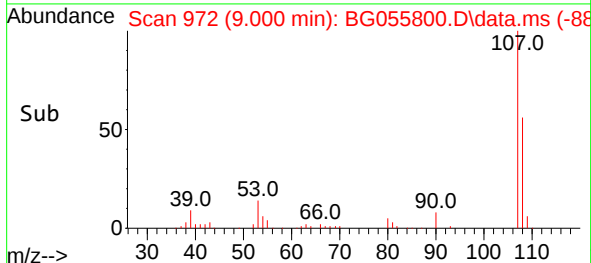
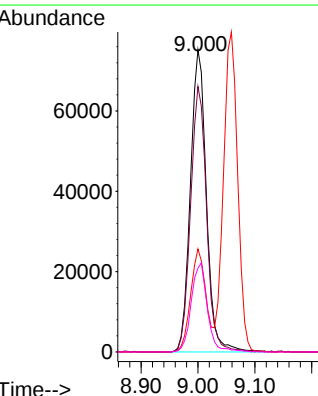
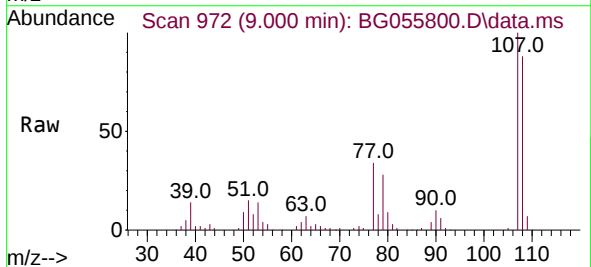
Ion Ratio Lower Upper

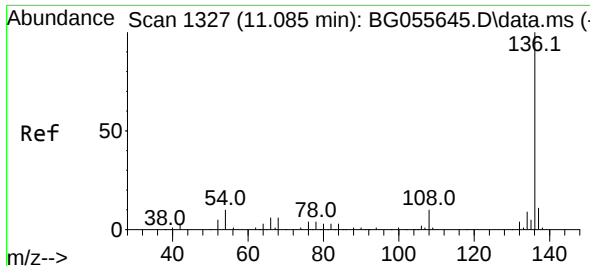
107 100

108 87.8 65.5 105.5

77 34.1 14.6 54.6

79 27.7 9.4 49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.062 min Scan# 1327
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

ClientSampleId :

PB149283BS

Tgt Ion:136 Resp: 156504
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 9.2 7.8 11.6
68 5.9 5.0 7.4

Manual Integrations
APPROVED

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

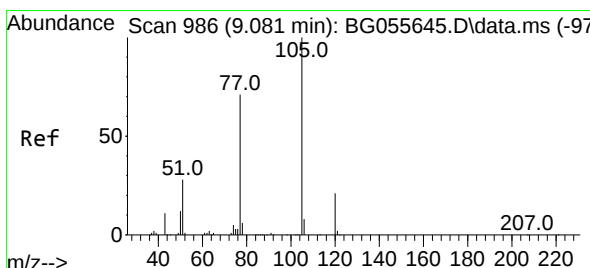
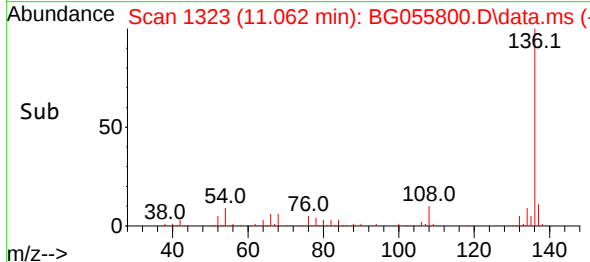
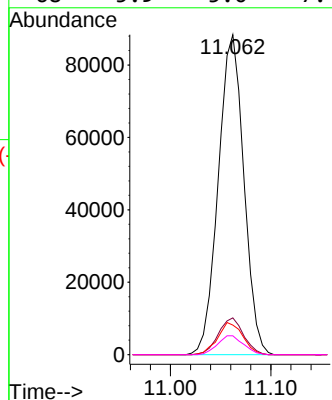
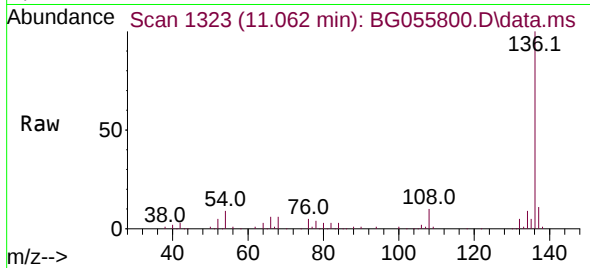
11/29/2022

Supervised By :Jagrut
Upadhyay

11/29/2022

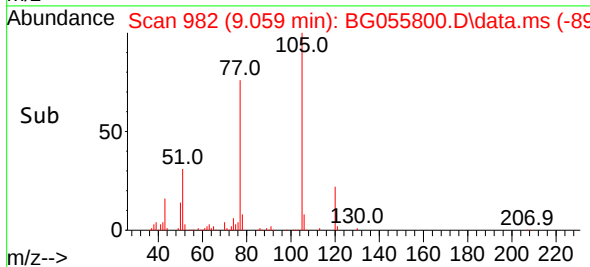
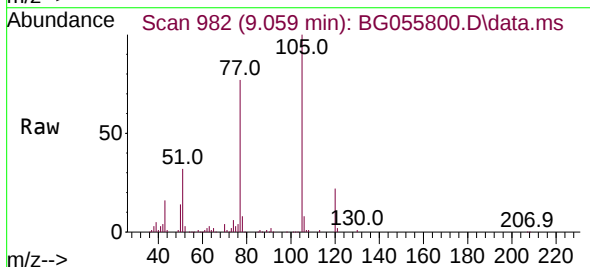
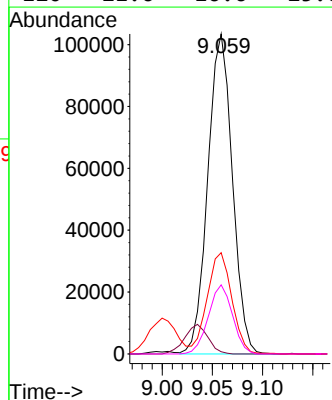
Supervised By :Jagrut
Upadhyay

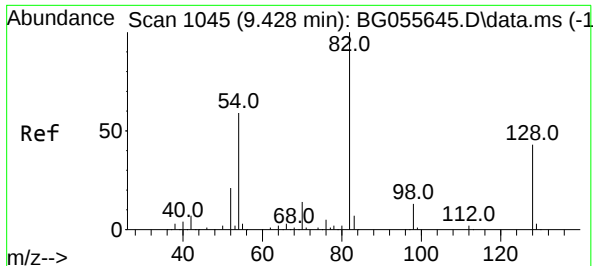
11/29/2022



#22
Acetophenone
Concen: 43.328 ng
RT: 9.059 min Scan# 982
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Tgt Ion:105 Resp: 176205
Ion Ratio Lower Upper
105 100
71 0.7 0.6 1.0
51 31.6 24.5 36.7
120 21.6 16.6 25.0





#23

Nitrobenzene-d5

Concen: 84.513 ng

RT: 9.405 min Scan# 1041

Delta R.T. -0.001 min

Lab File: BG055800.D

Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

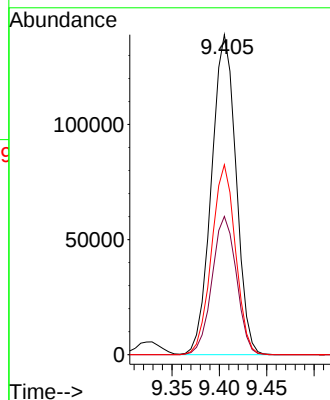
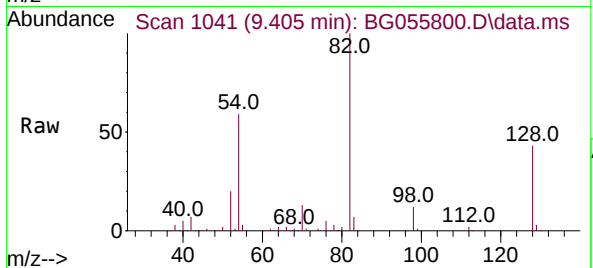
ClientSampleId :

PB149283BS

Tgt Ion: 82 Resp: 250244
 Ion Ratio Lower Upper
 82 100
 128 43.2 34.1 51.1
 54 59.3 47.3 70.9

Manual Integrations
 APPROVED

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



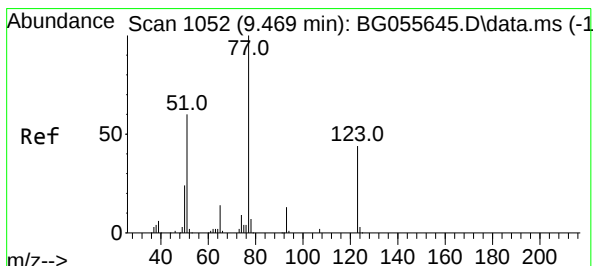
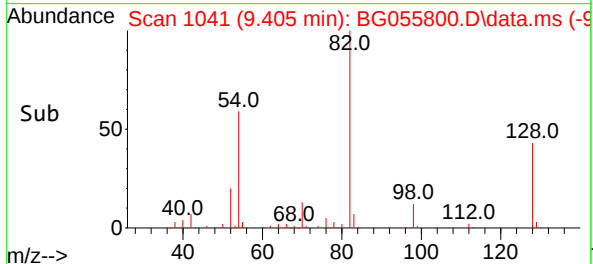
11/29/2022

Supervised By :Jagrut
 Upadhyay

11/29/2022

Supervised By :Jagrut
 Upadhyay

11/29/2022



#24

Nitrobenzene

Concen: 43.227 ng

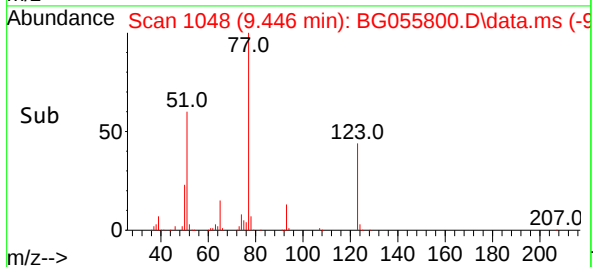
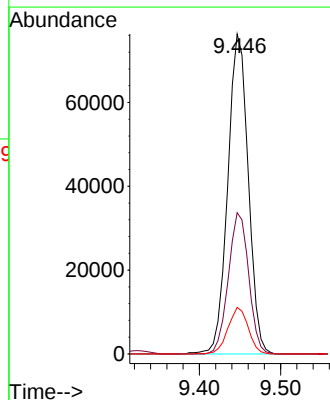
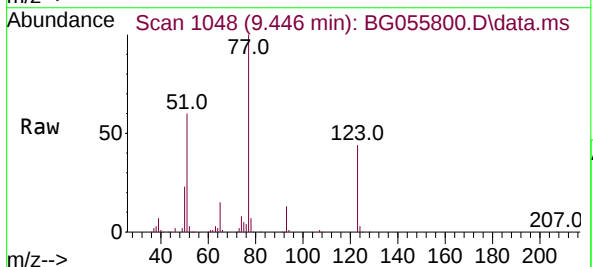
RT: 9.446 min Scan# 1048

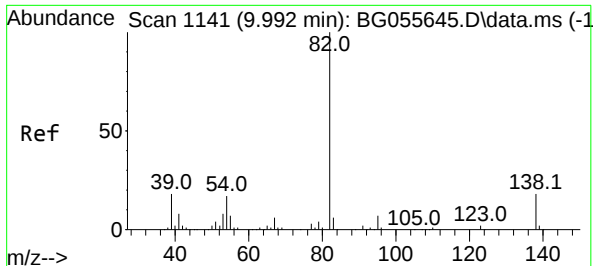
Delta R.T. -0.001 min

Lab File: BG055800.D

Acq: 28 Nov 2022 11:20

Tgt Ion: 77 Resp: 133696
 Ion Ratio Lower Upper
 77 100
 123 44.1 35.5 53.3
 65 14.5 11.5 17.3





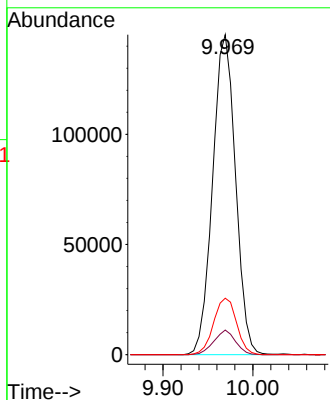
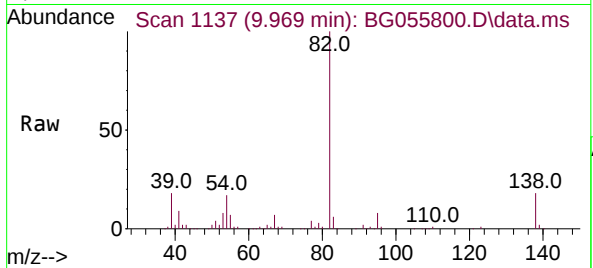
#25
Isophorone
Concen: 45.957 ng
RT: 9.969 min Scan# 1137
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :
BNA_G
ClientSampleId :
PB149283BS

Tgt Ion: 82 Resp: 257832
Ion Ratio Lower Upper
82 100
95 7.7 5.5 8.3
138 17.6 14.2 21.4

Manual Integrations
APPROVED

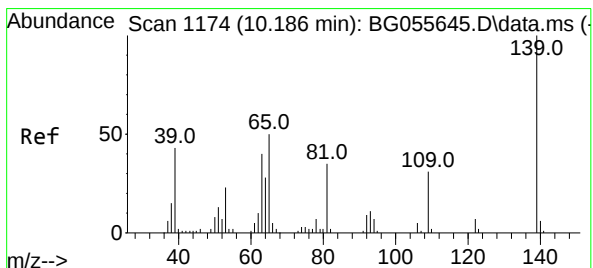
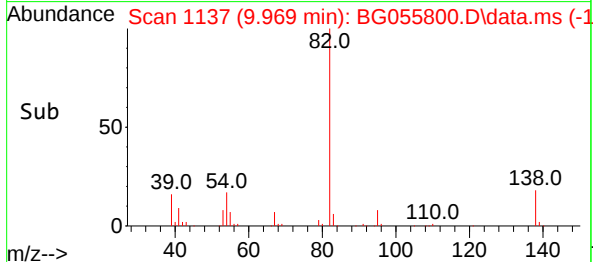
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



11/29/2022
Supervised By :Jagrut
Upadhyay

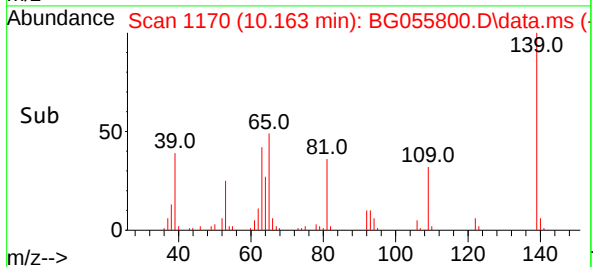
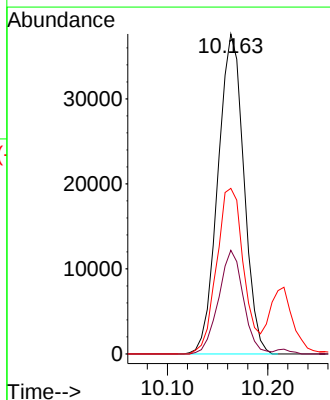
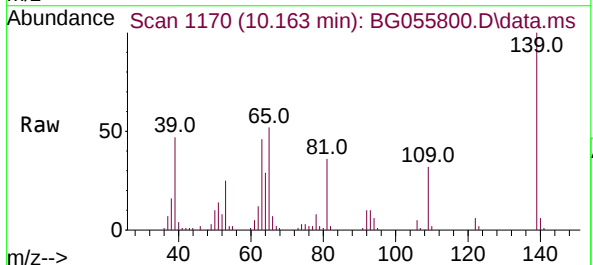
11/29/2022
Supervised By :Jagrut
Upadhyay

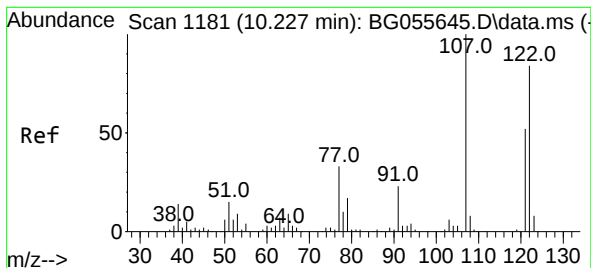
11/29/2022



#26
2-Nitrophenol
Concen: 47.313 ng
RT: 10.163 min Scan# 1170
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Tgt Ion:139 Resp: 67552
Ion Ratio Lower Upper
139 100
109 32.4 24.4 36.6
65 51.7 40.2 60.2





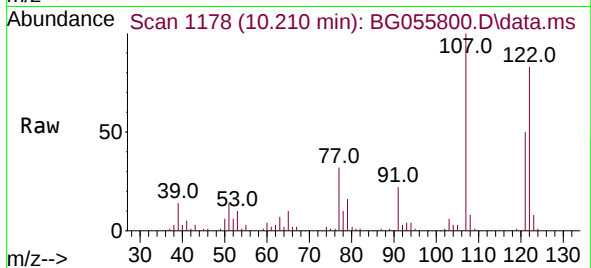
#27
2,4-Dimethylphenol
Concen: 54.498 ng m
RT: 10.210 min Scan# 1181
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

ClientSampleId :

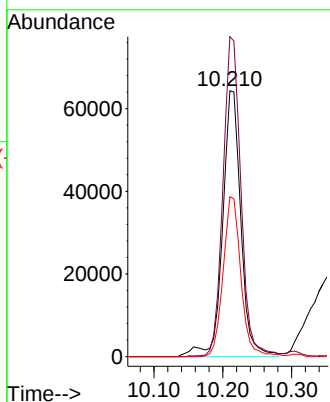
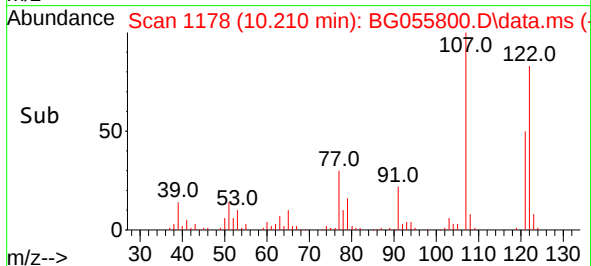
PB149283BS



Tgt Ion:122 Resp: 118425
Ion Ratio Lower Upper
122 100
107 120.4 95.8 143.6
121 60.1 49.6 74.4

Manual Integrations
APPROVED

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



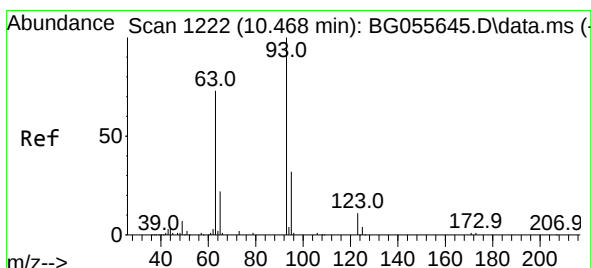
11/29/2022

Supervised By :Jagrut
Upadhyay

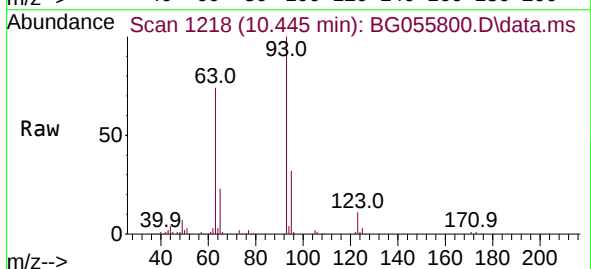
11/29/2022

Supervised By :Jagrut
Upadhyay

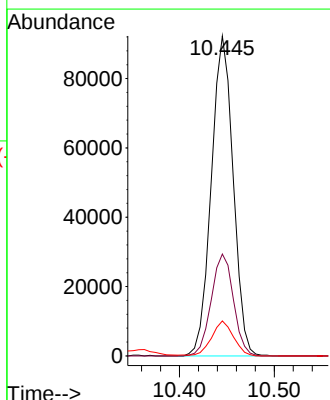
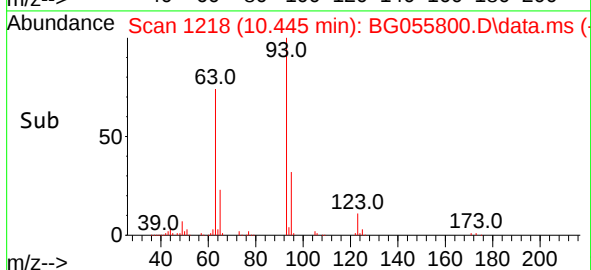
11/29/2022

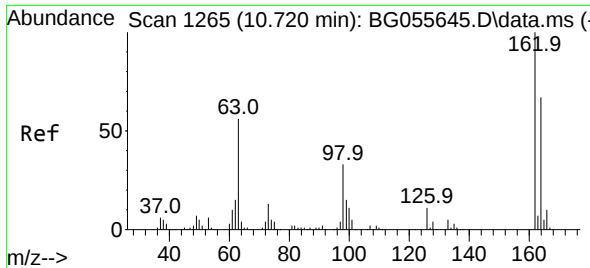


#28
bis(2-Chloroethoxy)methane
Concen: 49.061 ng
RT: 10.445 min Scan# 1218
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20



Tgt Ion: 93 Resp: 147768
Ion Ratio Lower Upper
93 100
95 31.8 25.7 38.5
123 10.9 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 47.660 ng
RT: 10.704 min Scan# 1262
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

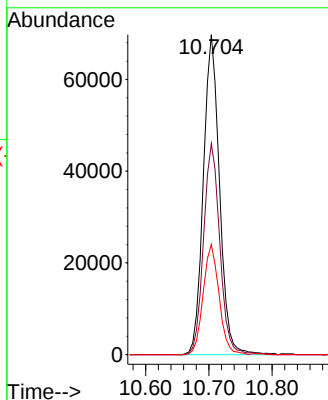
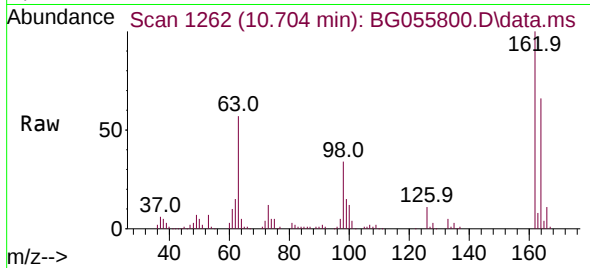
ClientSampleId :

PB149283BS

Tgt Ion:162 Resp: 123960
Ion Ratio Lower Upper
162 100
164 65.9 46.7 86.7
98 34.4 12.8 52.8

Manual Integrations
APPROVED

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



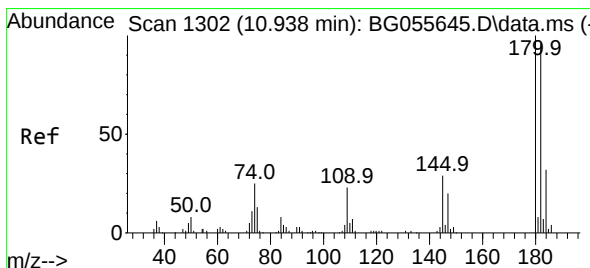
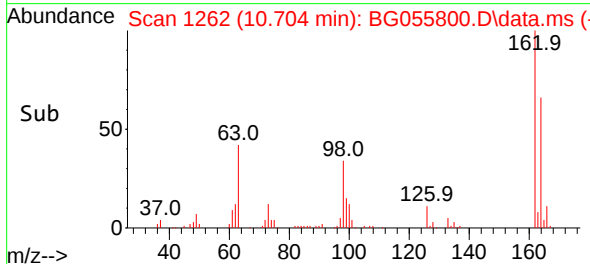
11/29/2022

Supervised By :Jagrut
Upadhyay

11/29/2022

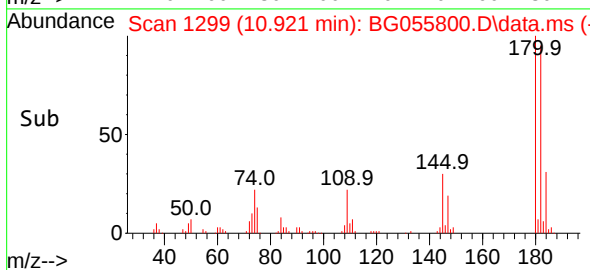
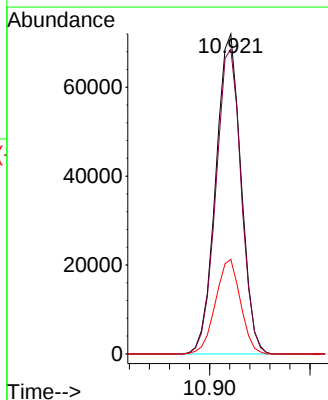
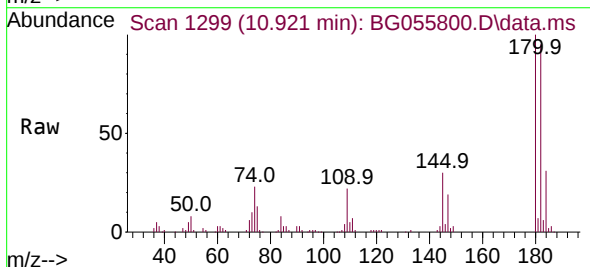
Supervised By :Jagrut
Upadhyay

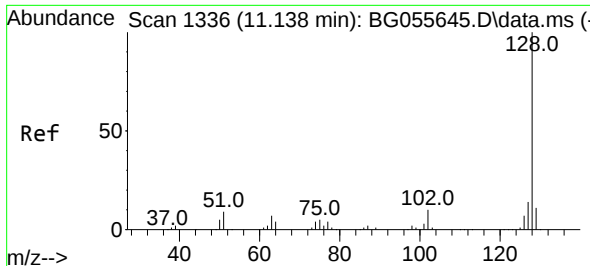
11/29/2022



#30
1,2,4-Trichlorobenzene
Concen: 41.589 ng
RT: 10.921 min Scan# 1299
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Tgt Ion:180 Resp: 125669
Ion Ratio Lower Upper
180 100
182 95.2 77.1 115.7
145 29.5 22.9 34.3





#31
Naphthalene
Concen: 42.424 ng
RT: 11.109 min Scan# 1336
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

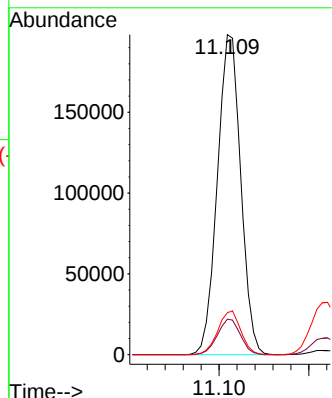
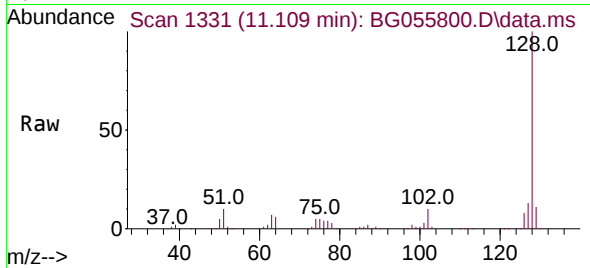
ClientSampleId :

PB149283BS

Tgt Ion:128 Resp: 358924
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.1 10.9 16.3

Manual Integrations
APPROVED

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



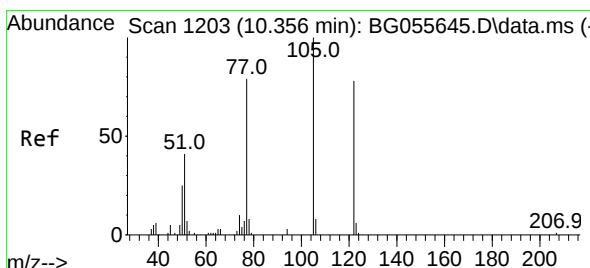
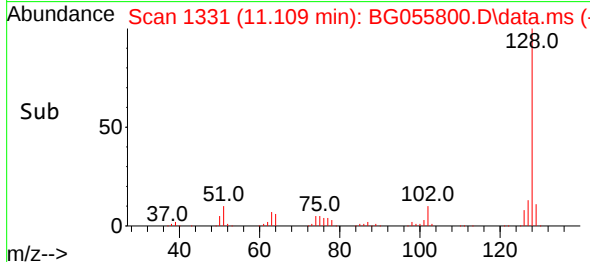
11/29/2022

Supervised By :Jagrut
Upadhyay

11/29/2022

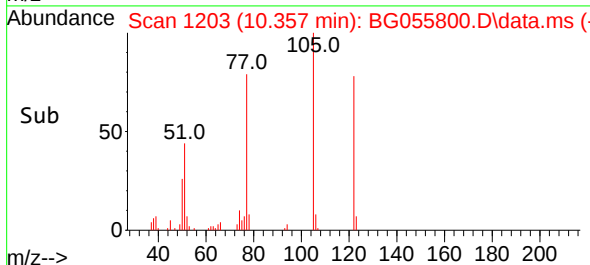
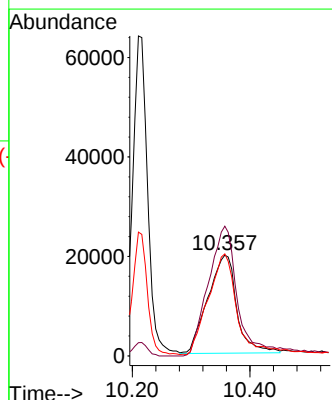
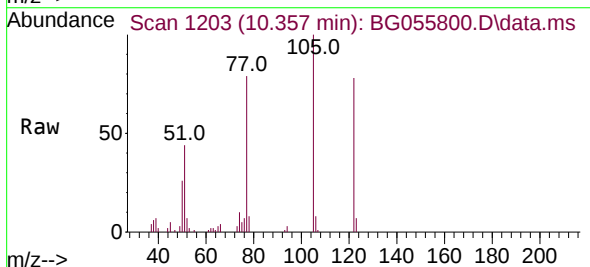
Supervised By :Jagrut
Upadhyay

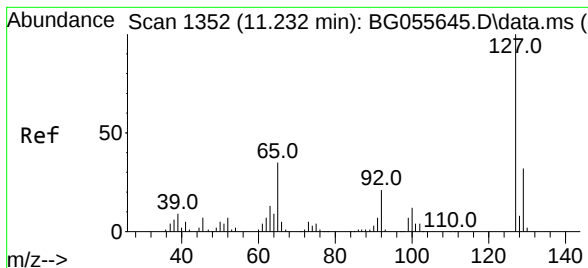
11/29/2022



#32
Benzoic acid
Concen: 37.747 ng
RT: 10.357 min Scan# 1203
Delta R.T. -0.007 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Tgt Ion:122 Resp: 67484
Ion Ratio Lower Upper
122 100
105 128.8 104.3 144.3
77 101.3 79.9 119.9





#33
4-Chloroaniline
Concen: 20.618 ng
RT: 11.221 min Scan# 1352
Delta R.T. 0.005 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

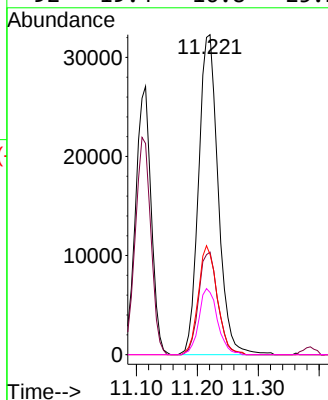
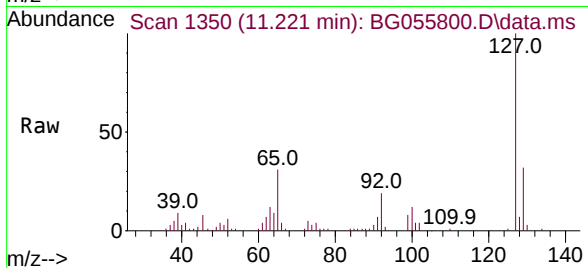
ClientSampleId :

PB149283BS

Tgt Ion:127 Resp: 71952
Ion Ratio Lower Upper
127 100
129 32.0 25.9 38.9
65 31.3 27.9 41.9
92 19.4 16.8 25.2

Manual Integrations
APPROVED

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



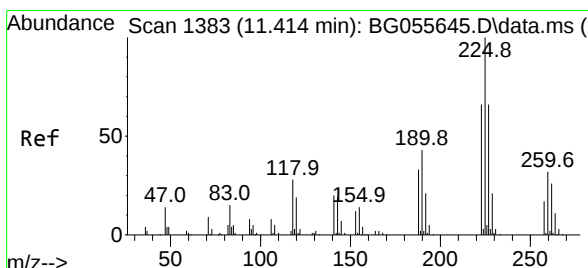
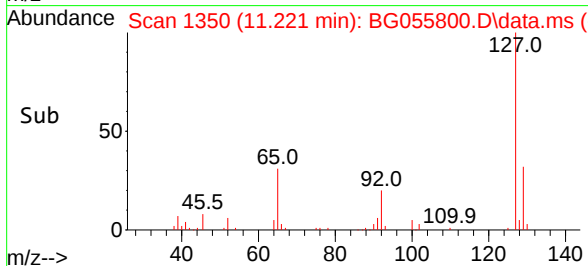
11/29/2022

Supervised By :Jagrut
Upadhyay

11/29/2022

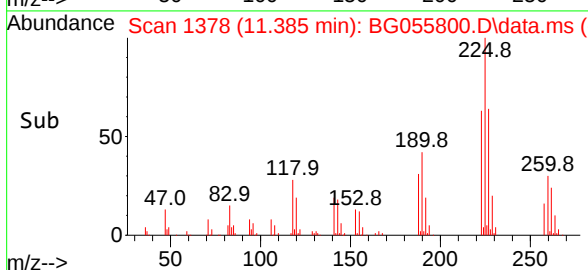
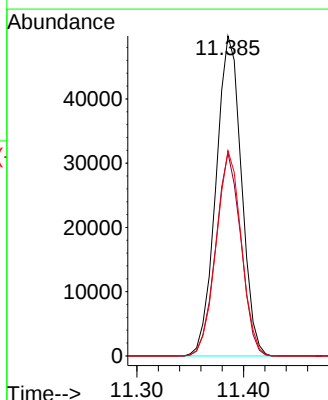
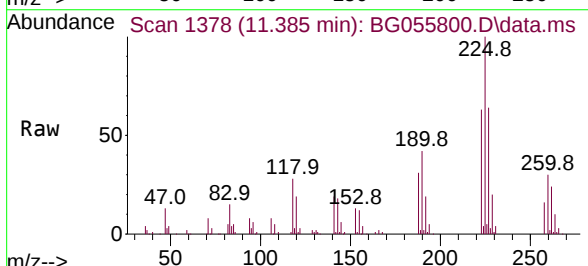
Supervised By :Jagrut
Upadhyay

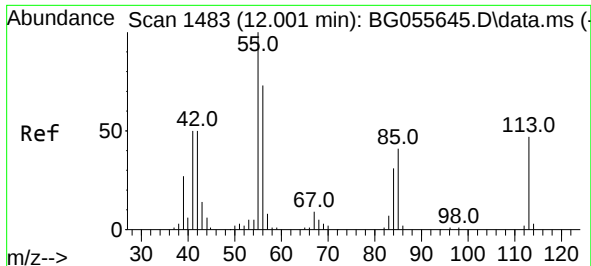
11/29/2022



#34
Hexachlorobutadiene
Concen: 40.100 ng
RT: 11.385 min Scan# 1378
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

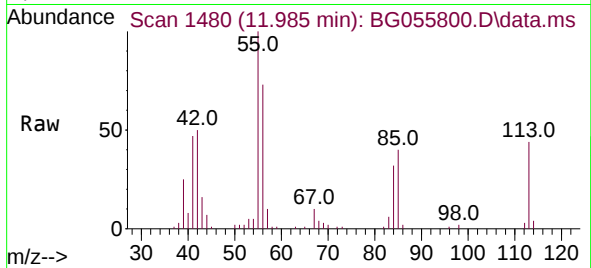
Tgt Ion:225 Resp: 82739
Ion Ratio Lower Upper
225 100
223 63.5 52.9 79.3
227 64.1 52.6 79.0





#35
Caprolactam
Concen: 50.755 ng m
RT: 11.985 min Scan# 14
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :
BNA_G
ClientSampleId :
PB149283BS



Tgt Ion:113 Resp: 45682
Ion Ratio Lower Upper
113 100
55 228.1 193.5 233.5
56 166.4 135.2 175.2

Manual Integrations
APPROVED

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

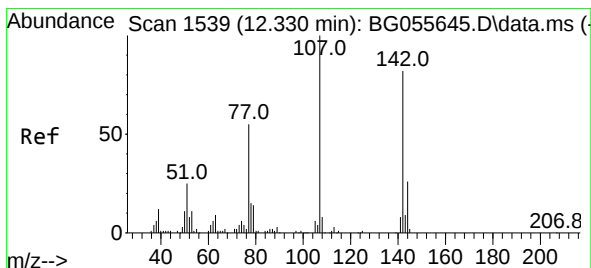
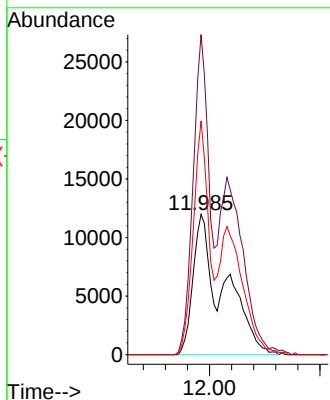
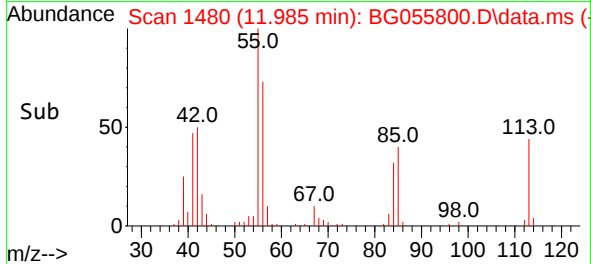
11/29/2022

Supervised By :Jagrut
Upadhyay

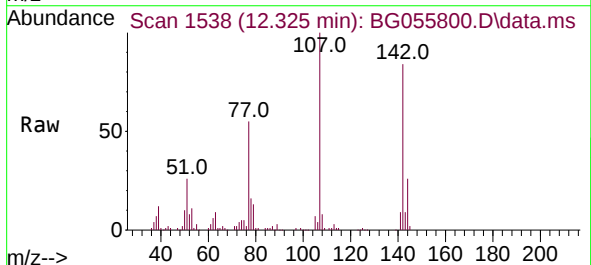
11/29/2022

Supervised By :Jagrut
Upadhyay

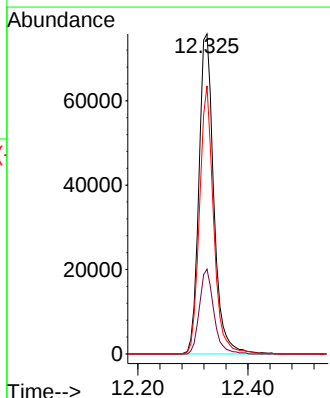
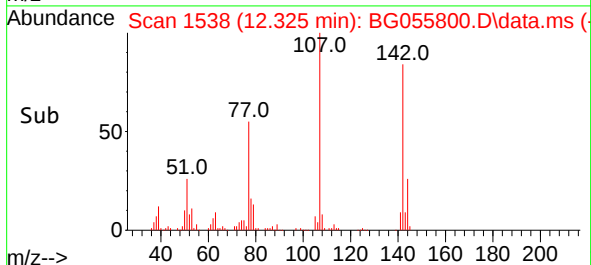
11/29/2022

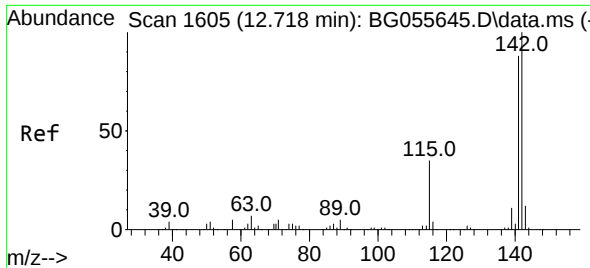


#36
4-Chloro-3-methylphenol
Concen: 49.723 ng
RT: 12.325 min Scan# 1538
Delta R.T. 0.005 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20



Tgt Ion:107 Resp: 142140
Ion Ratio Lower Upper
107 100
144 26.5 21.0 31.4
142 83.8 65.9 98.9





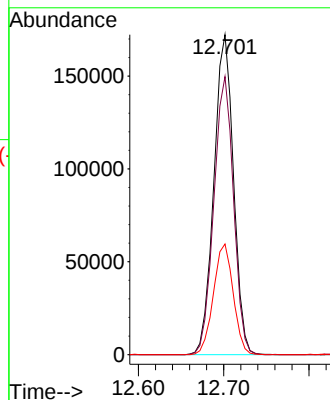
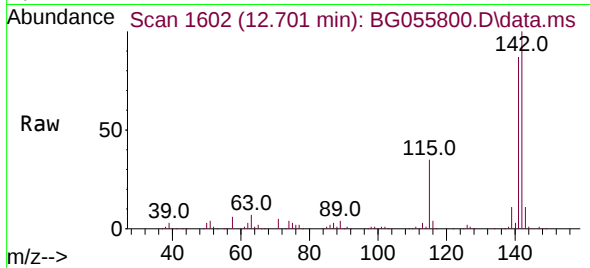
#37
2-Methylnaphthalene
Concen: 43.404 ng
RT: 12.701 min Scan# 1602
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :
BNA_G
ClientSampleId :
PB149283BS

Tgt Ion:142 Resp: 27494
Ion Ratio Lower Upper
142 100
141 86.9 70.3 105.5
115 34.6 27.9 41.9

Manual Integrations APPROVED

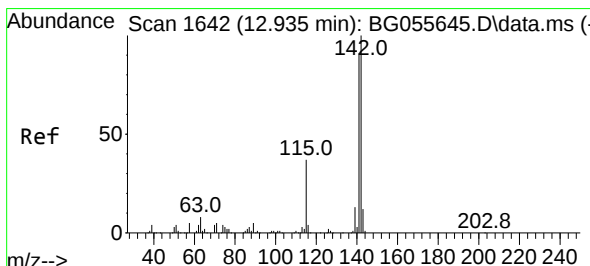
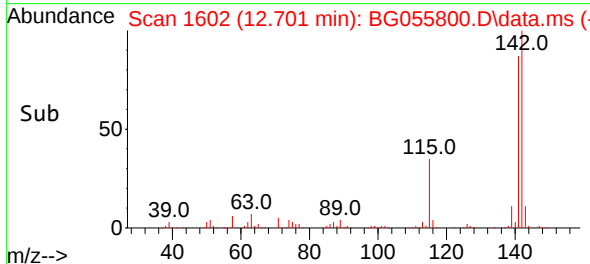
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



11/29/2022
Supervised By :Jagrut
Upadhyay

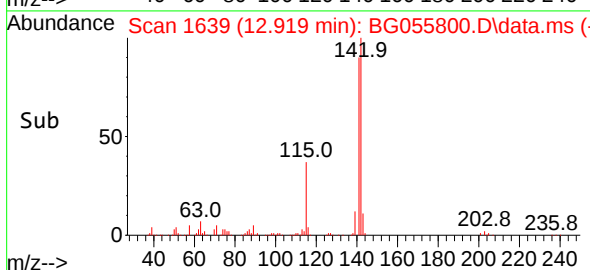
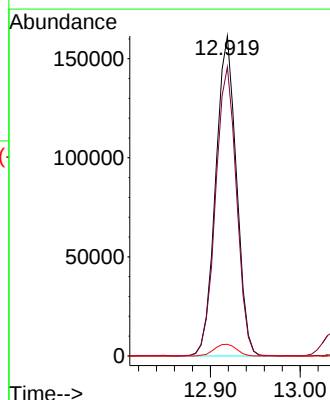
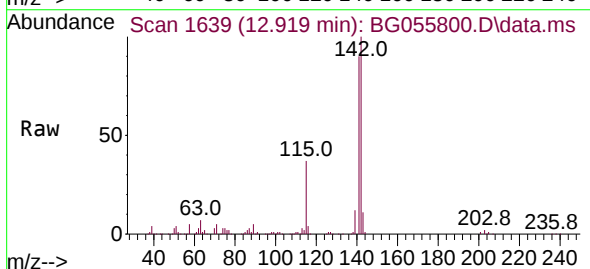
11/29/2022
Supervised By :Jagrut
Upadhyay

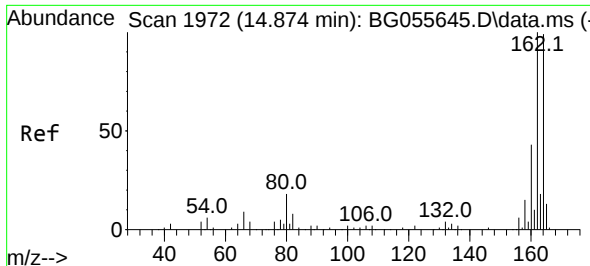
11/29/2022



#38
1-Methylnaphthalene
Concen: 42.242 ng
RT: 12.919 min Scan# 1639
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Tgt Ion:142 Resp: 259773
Ion Ratio Lower Upper
142 100
141 90.3 73.0 109.4
116 3.6 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.858 min Scan# 1969

Delta R.T. -0.001 min

Lab File: BG055800.D

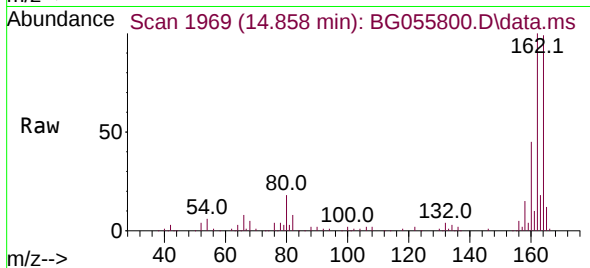
Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

ClientSampleId :

PB149283BS



Tgt Ion:164 Resp: 120005

Ion Ratio Lower Upper

164 100

162 101.0 81.1 121.7

160 45.2 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/29/2022

Supervised By :Jagrut Upadhyay 11/29/2022

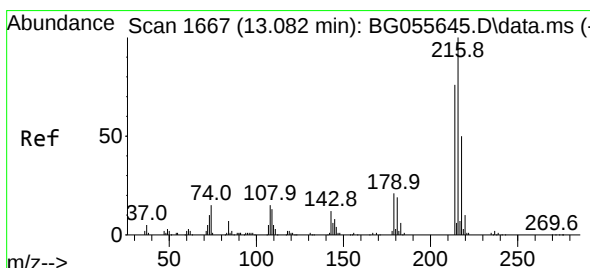
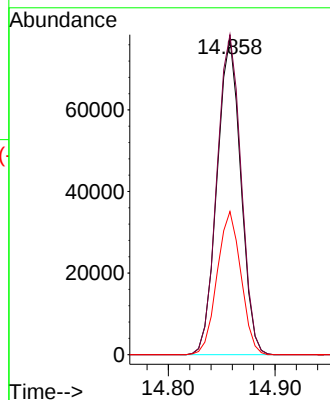
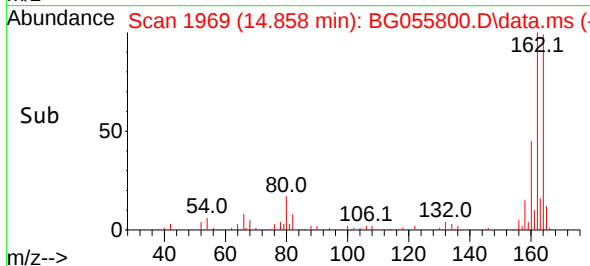
11/29/2022

Supervised By :Jagrut Upadhyay

11/29/2022

Supervised By :Jagrut Upadhyay

11/29/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.393 ng

RT: 13.066 min Scan# 1664

Delta R.T. 0.005 min

Lab File: BG055800.D

Acq: 28 Nov 2022 11:20

Tgt Ion:216 Resp: 156100

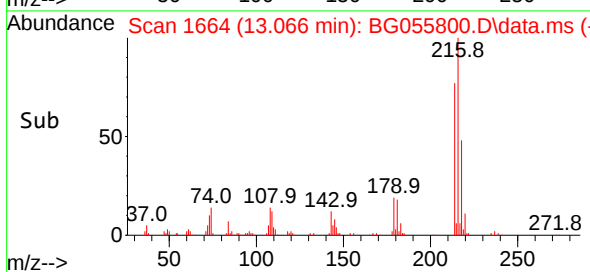
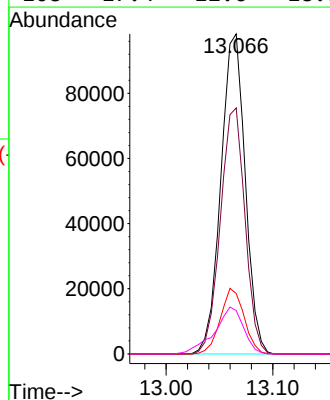
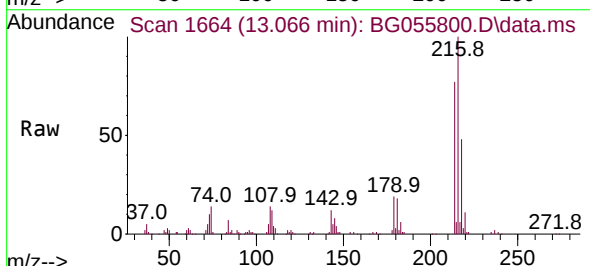
Ion Ratio Lower Upper

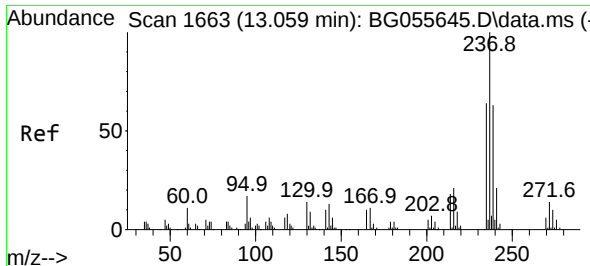
216 100

214 77.3 62.1 93.1

179 19.9 16.5 24.7

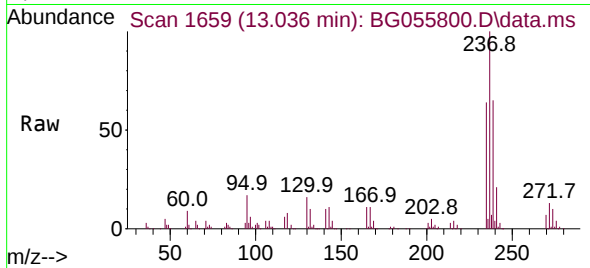
108 17.4 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 94.024 ng
RT: 13.036 min Scan# 1659
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :
BNA_G
ClientSampleId :
PB149283BS



Tgt Ion:237 Resp: 178713
Ion Ratio Lower Upper
237 100
235 64.0 43.7 83.7
272 12.6 0.0 33.6

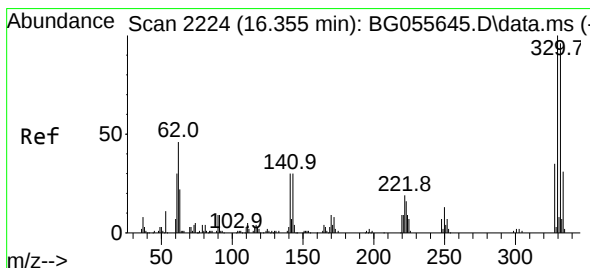
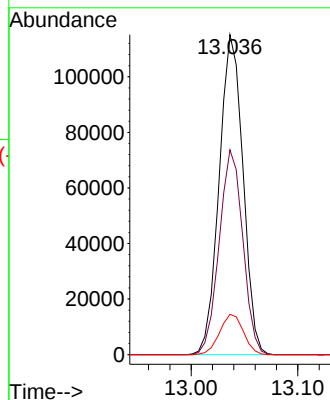
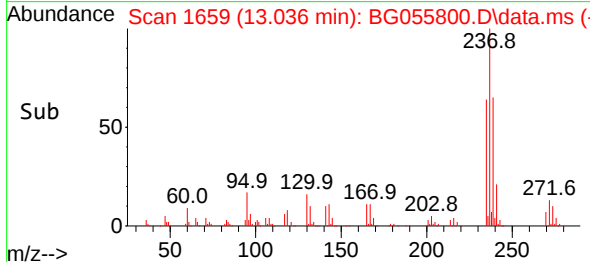
Manual Integrations
APPROVED

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

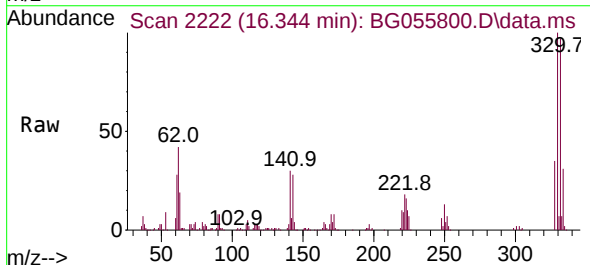
11/29/2022
Supervised By :Jagrut
Upadhyay

11/29/2022
Supervised By :Jagrut
Upadhyay

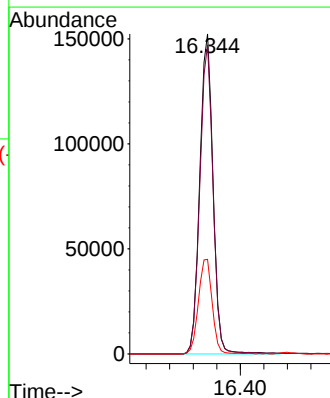
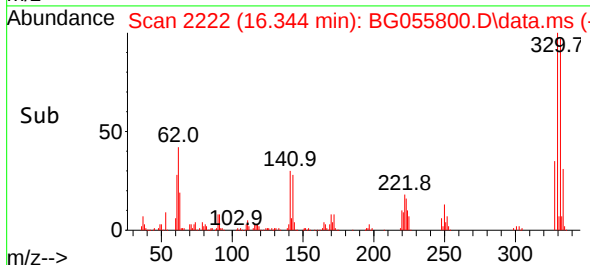
11/29/2022

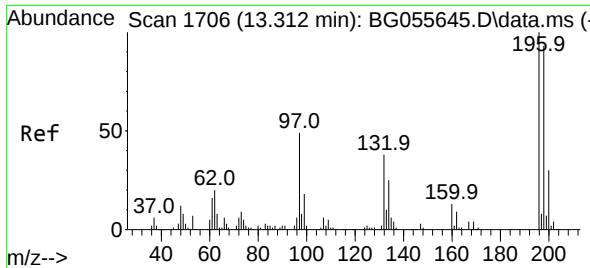


#42
2,4,6-Tribromophenol
Concen: 140.271 ng
RT: 16.344 min Scan# 2222
Delta R.T. 0.005 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20



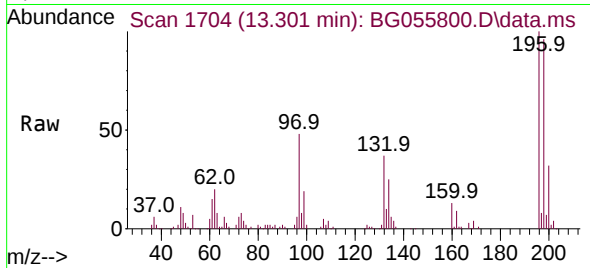
Tgt Ion:330 Resp: 237033
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 30.8 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 43.291 ng
RT: 13.301 min Scan# 1716
Delta R.T. 0.005 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

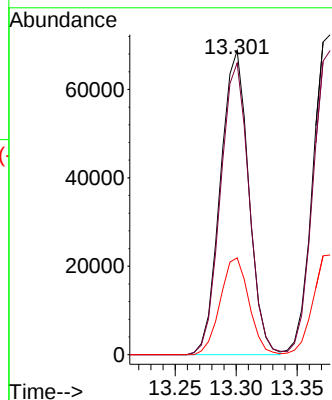
Instrument :
BNA_G
ClientSampleId :
PB149283BS



Tgt Ion:196 Resp: 111366
Ion Ratio Lower Upper
196 100
198 95.9 74.6 112.0
200 31.8 23.7 35.5

Manual Integrations
APPROVED

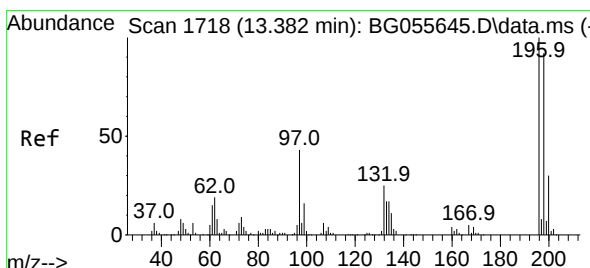
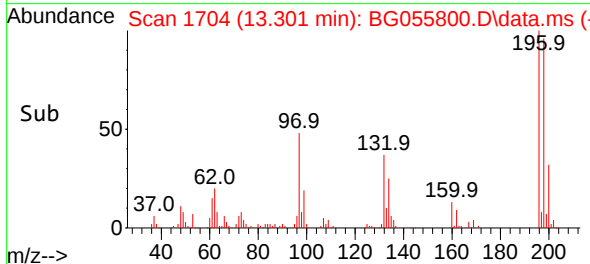
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



11/29/2022
Supervised By :Jagrut
Upadhyay

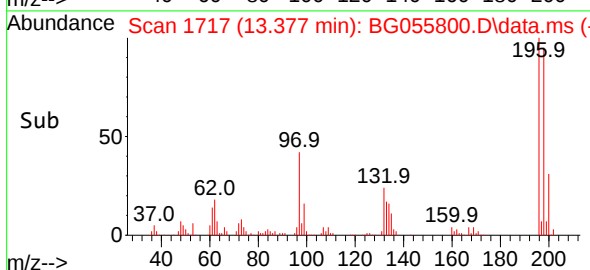
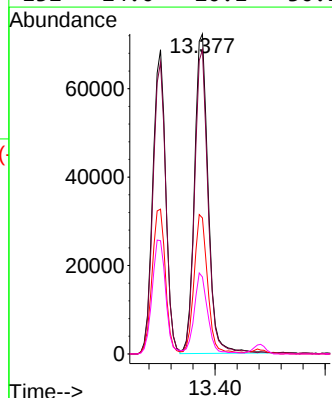
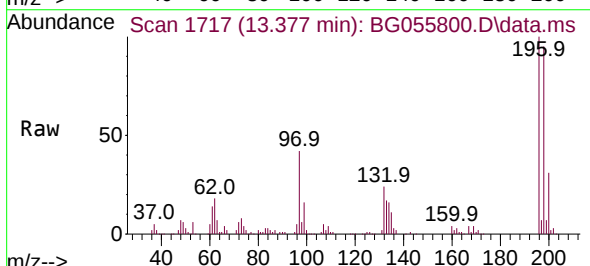
11/29/2022
Supervised By :Jagrut
Upadhyay

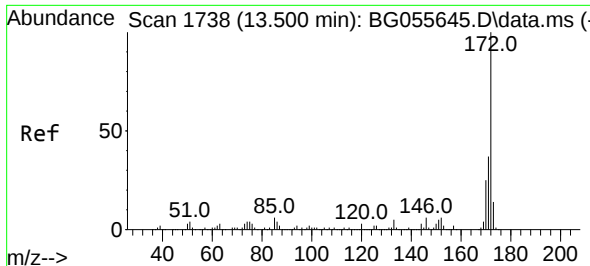
11/29/2022



#44
2,4,5-Trichlorophenol
Concen: 44.181 ng
RT: 13.377 min Scan# 1717
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

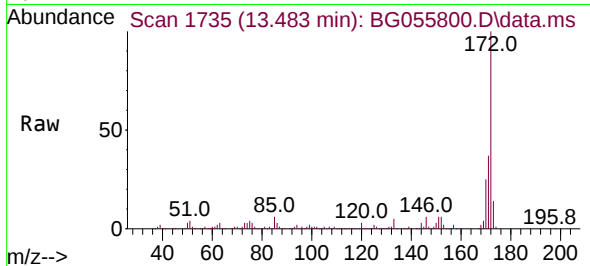
Tgt Ion:196 Resp: 124899
Ion Ratio Lower Upper
196 100
198 95.1 74.1 111.1
97 42.5 34.8 52.2
132 24.0 20.1 30.1





#45
2-Fluorobiphenyl
Concen: 80.480 ng
RT: 13.483 min Scan# 1735
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :
BNA_G
ClientSampleId :
PB149283BS



Tgt Ion:172 Resp: 644669
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 25.2 20.2 30.4

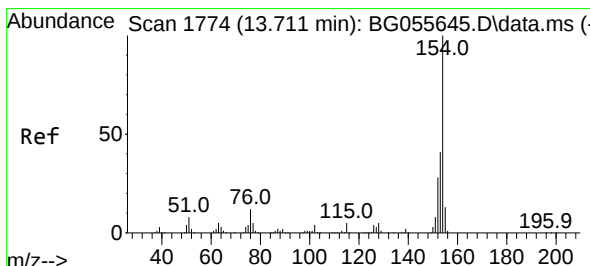
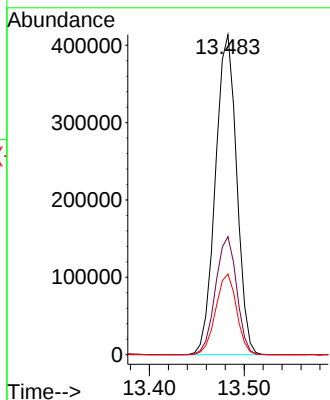
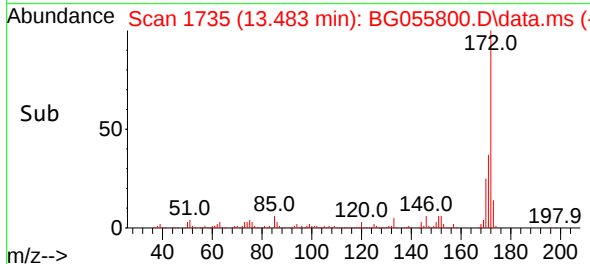
Manual Integrations
APPROVED

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

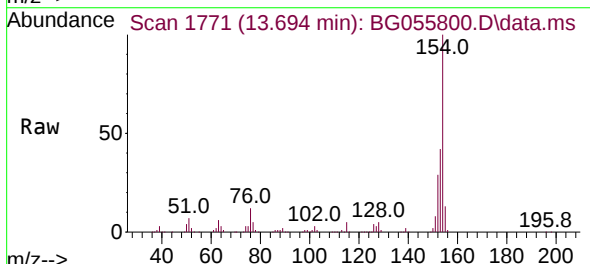
11/29/2022
Supervised By :Jagrut
Upadhyay

11/29/2022
Supervised By :Jagrut
Upadhyay

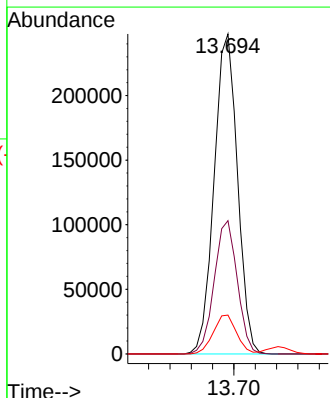
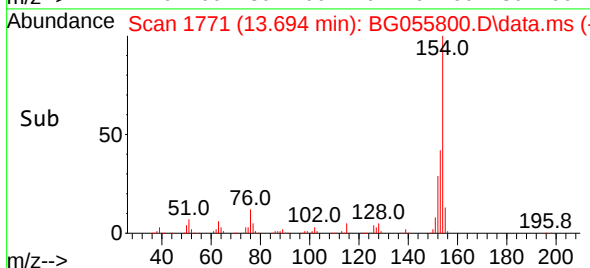
11/29/2022

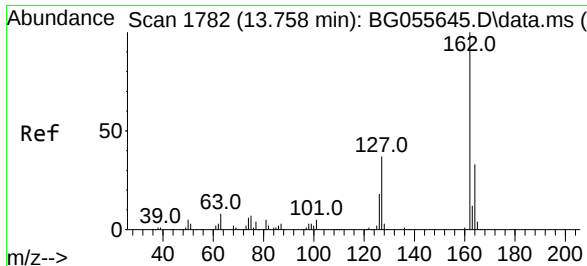


#46
1,1'-Biphenyl
Concen: 43.048 ng
RT: 13.694 min Scan# 1771
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20



Tgt Ion:154 Resp: 376455
Ion Ratio Lower Upper
154 100
153 41.6 20.6 60.6
76 12.1 0.0 32.4





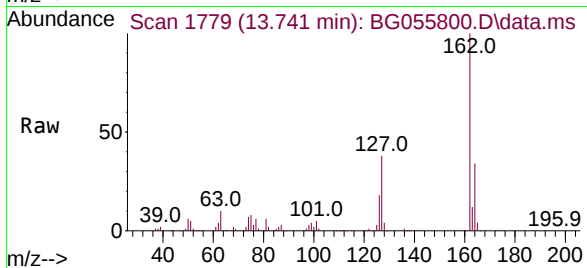
#47
2-Chloronaphthalene
Concen: 42.617 ng
RT: 13.741 min Scan# 1782
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

ClientSampleId :

PB149283BS



Tgt Ion:162 Resp: 289672
Ion Ratio Lower Upper
162 100
127 37.9 29.9 44.9
164 33.7 26.4 39.6

Manual Integrations
APPROVED

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

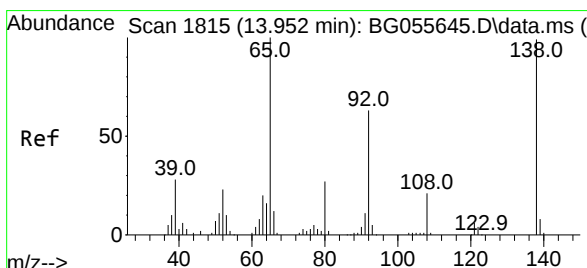
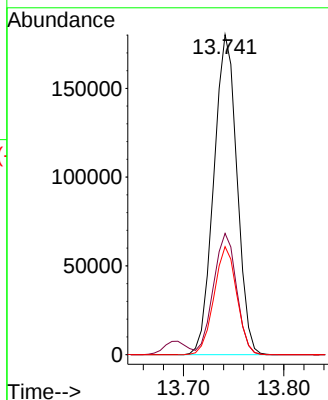
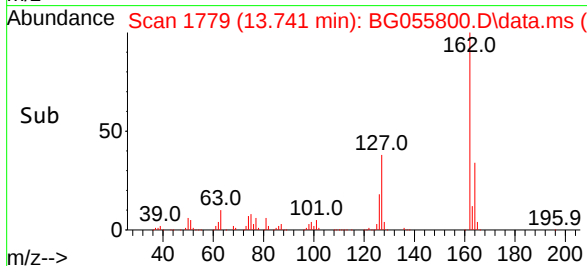
11/29/2022

Supervised By :Jagrut
Upadhyay

11/29/2022

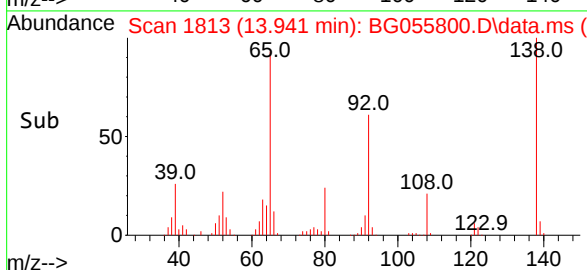
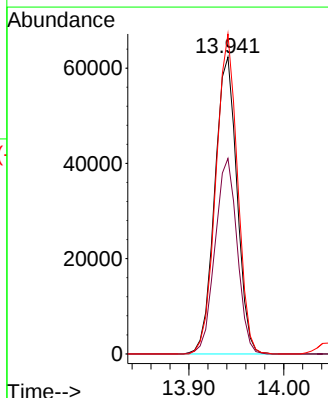
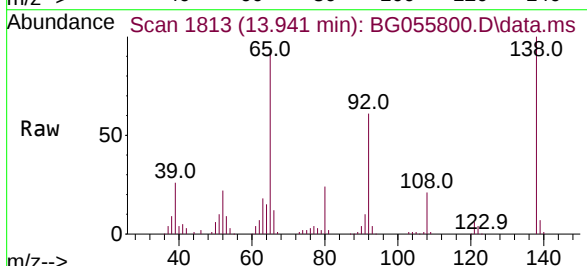
Supervised By :Jagrut
Upadhyay

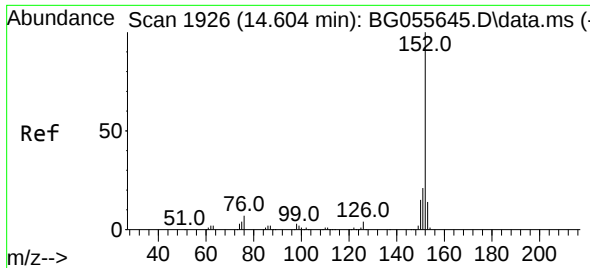
11/29/2022



#48
2-Nitroaniline
Concen: 45.402 ng
RT: 13.941 min Scan# 1813
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Tgt Ion: 65 Resp: 101461
Ion Ratio Lower Upper
65 100
92 65.9 50.1 75.1
138 107.8 79.4 119.0





#49
Acenaphthylene
Concen: 43.361 ng
RT: 14.582 min Scan# 1926
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

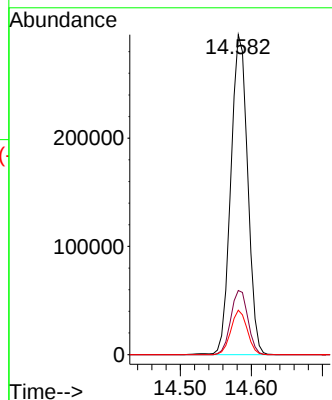
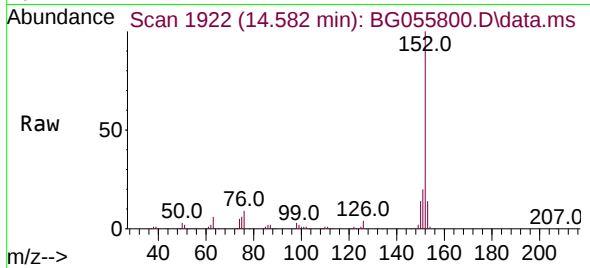
ClientSampleId :

PB149283BS

Tgt Ion:152 Resp: 48533
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.9 11.0 16.4

Manual Integrations
APPROVED

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



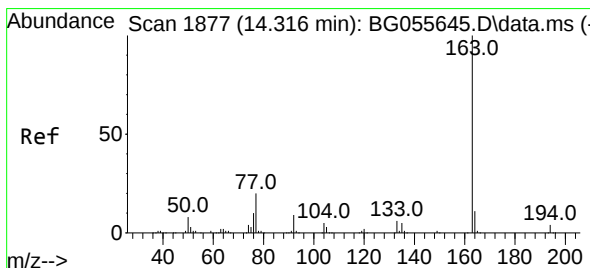
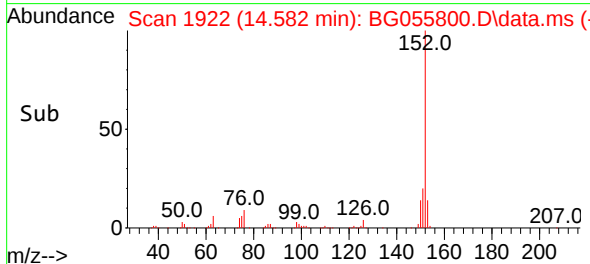
11/29/2022

Supervised By :Jagrut
Upadhyay

11/29/2022

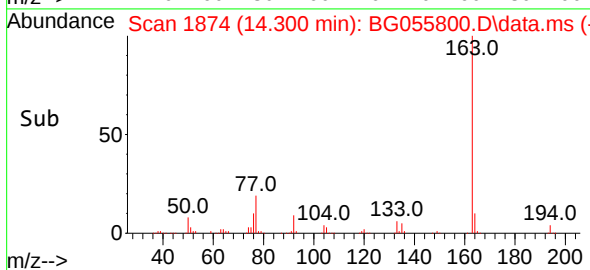
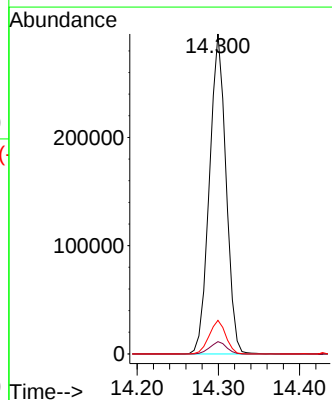
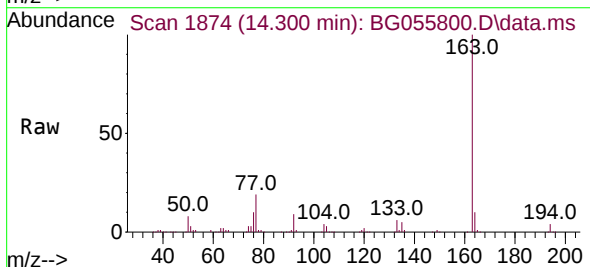
Supervised By :Jagrut
Upadhyay

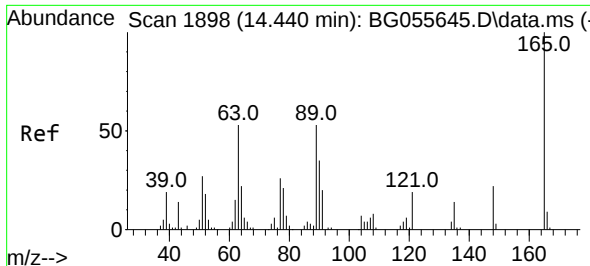
11/29/2022



#50
Dimethylphthalate
Concen: 43.879 ng
RT: 14.300 min Scan# 1874
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

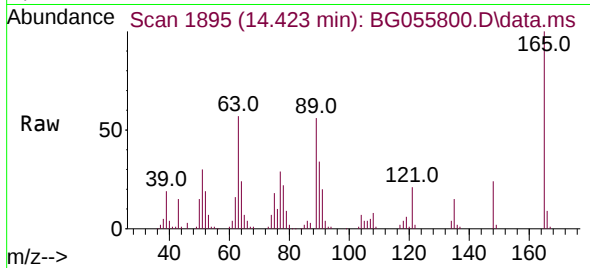
Tgt Ion:163 Resp: 419759
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.5 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 46.418 ng
RT: 14.423 min Scan# 1898
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

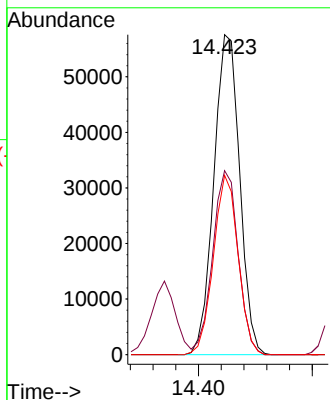
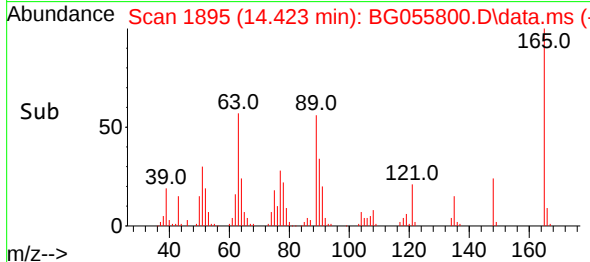
Instrument :
BNA_G
ClientSampleId :
PB149283BS



Tgt Ion:165 Resp: 90794
Ion Ratio Lower Upper
165 100
63 57.5 44.6 66.8
89 56.0 42.2 63.4

Manual Integrations
APPROVED

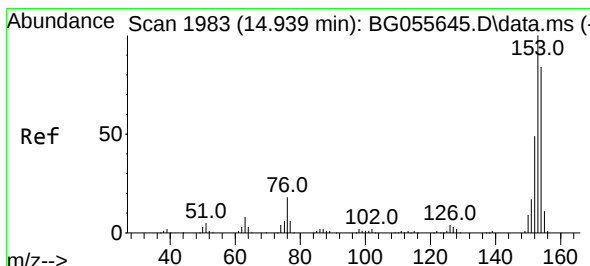
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



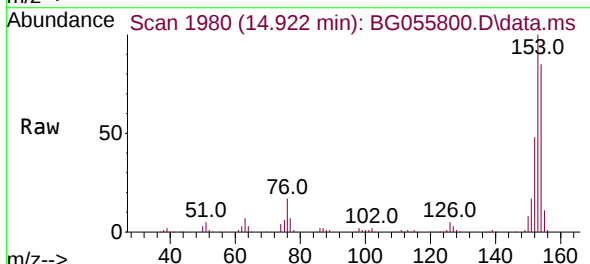
11/29/2022
Supervised By :Jagrut
Upadhyay

11/29/2022
Supervised By :Jagrut
Upadhyay

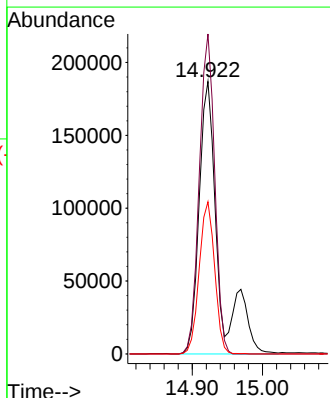
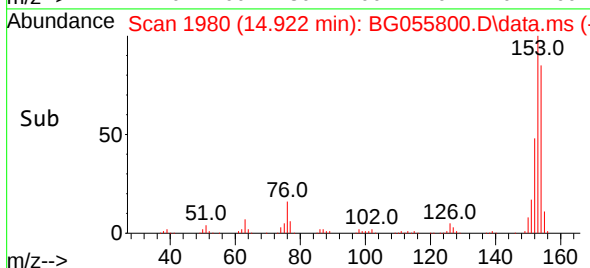
11/29/2022

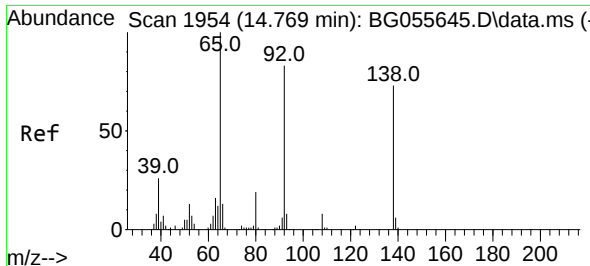


#52
Acenaphthene
Concen: 48.967 ng m
RT: 14.922 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20



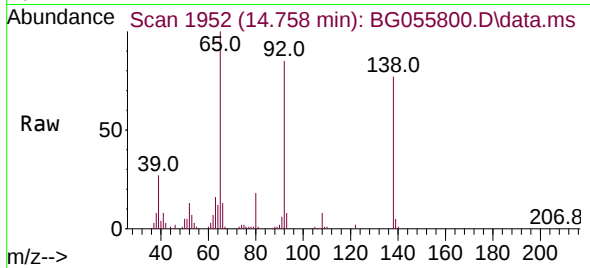
Tgt Ion:154 Resp: 358207
Ion Ratio Lower Upper
154 100
153 117.5 95.0 142.4
152 55.9 46.1 69.1





#53
3-Nitroaniline
Concen: 24.488 ng
RT: 14.758 min Scan# 1954
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

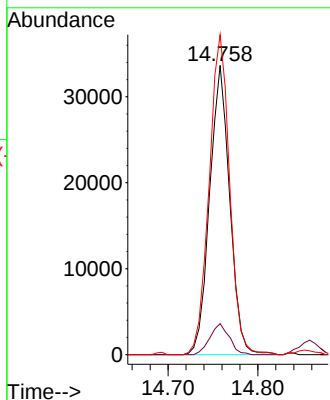
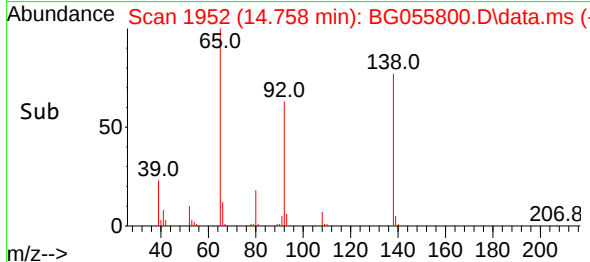
Instrument :
BNA_G
ClientSampleId :
PB149283BS



Tgt Ion:138 Resp: 5258
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 110.6 91.0 136.6

Manual Integrations
APPROVED

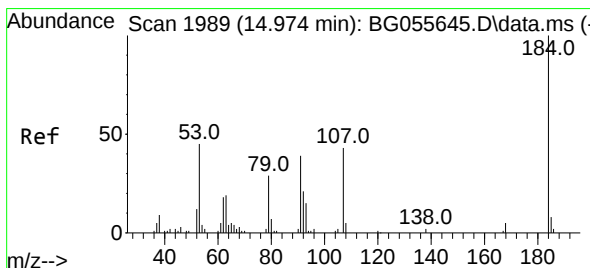
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



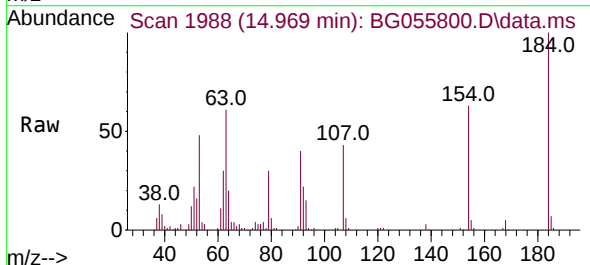
11/29/2022
Supervised By :Jagrut
Upadhyay

11/29/2022
Supervised By :Jagrut
Upadhyay

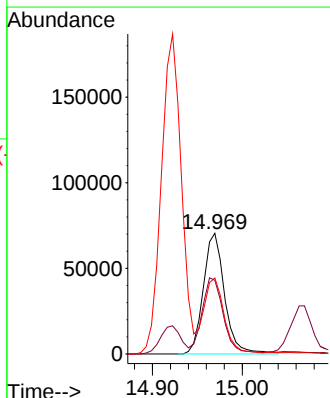
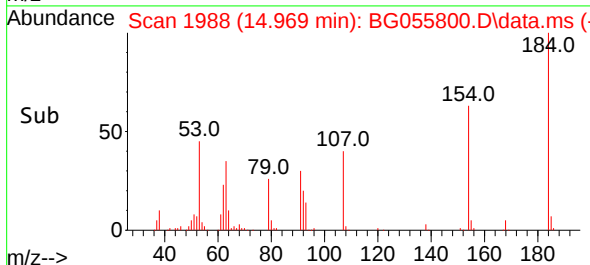
11/29/2022

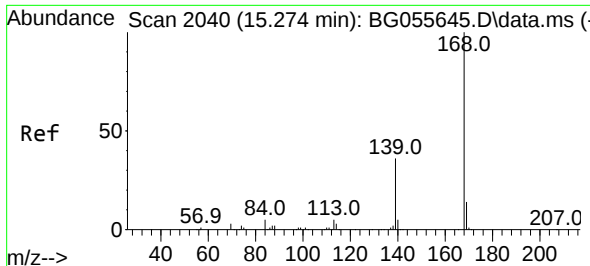


#54
2,4-Dinitrophenol
Concen: 102.926 ng
RT: 14.969 min Scan# 1988
Delta R.T. 0.005 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20



Tgt Ion:184 Resp: 115753
Ion Ratio Lower Upper
184 100
63 61.1 49.5 74.3
154 63.0 52.0 78.0





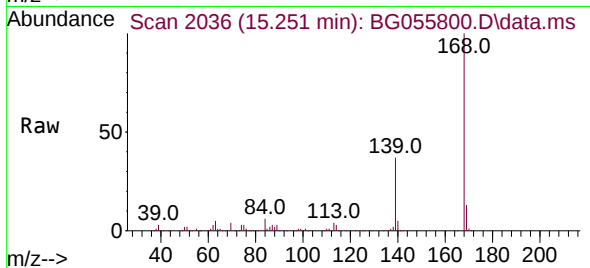
#55
Dibenzenofuran
Concen: 42.904 ng
RT: 15.251 min Scan# 2040
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

ClientSampleId :

PB149283BS



Tgt Ion:168 Resp: 484179
Ion Ratio Lower Upper
168 100
139 36.9 28.8 43.2
169 13.5 11.0 16.4

Manual Integrations
APPROVED

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

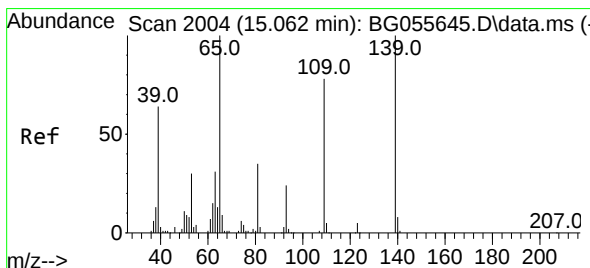
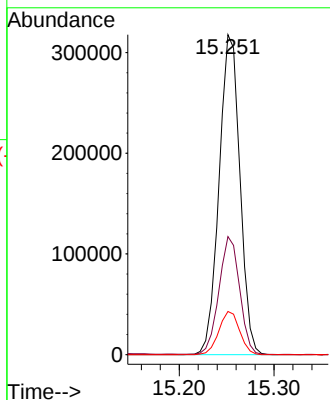
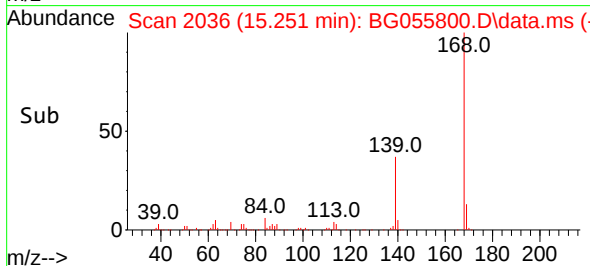
11/29/2022

Supervised By :Jagrut
Upadhyay

11/29/2022

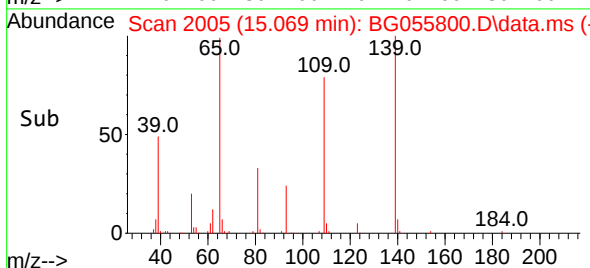
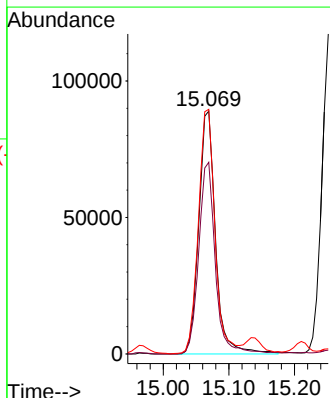
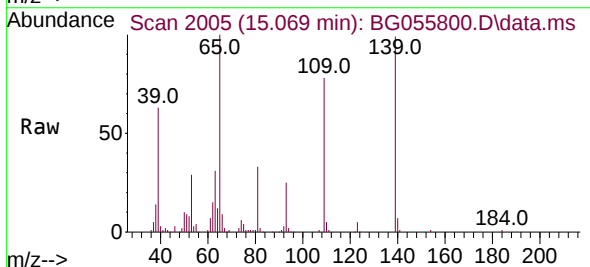
Supervised By :Jagrut
Upadhyay

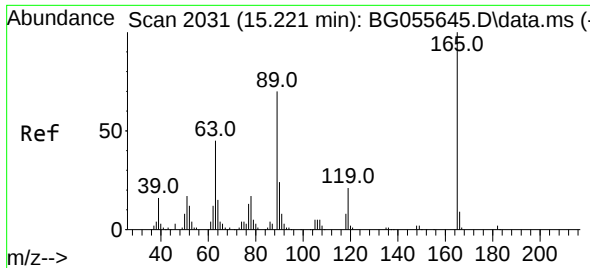
11/29/2022



#56
4-Nitrophenol
Concen: 92.987 ng
RT: 15.069 min Scan# 2005
Delta R.T. 0.005 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Tgt Ion:139 Resp: 156707
Ion Ratio Lower Upper
139 100
109 78.9 58.6 98.6
65 100.7 80.5 120.5





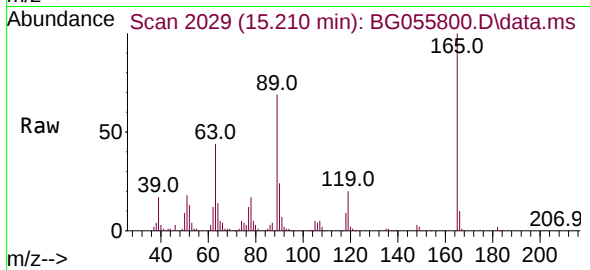
#57
2,4-Dinitrotoluene
Concen: 47.993 ng
RT: 15.210 min Scan# 2031
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

ClientSampleId :

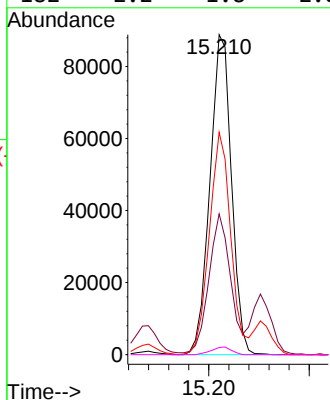
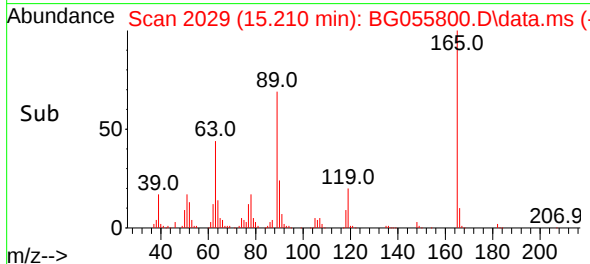
PB149283BS



Tgt Ion:165 Resp: 132354
Ion Ratio Lower Upper
165 100
63 44.0 35.8 53.8
89 69.5 56.2 84.4
182 2.2 1.8 2.8

Manual Integrations
APPROVED

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



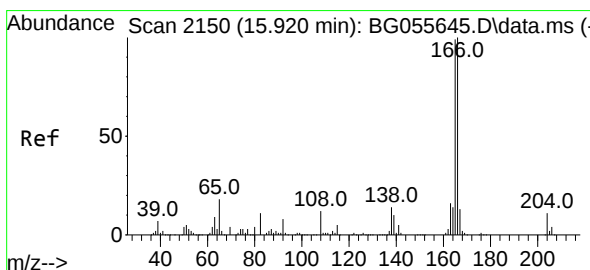
11/29/2022

Supervised By :Jagrut
Upadhyay

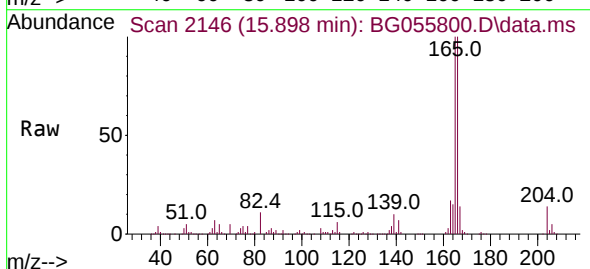
11/29/2022

Supervised By :Jagrut
Upadhyay

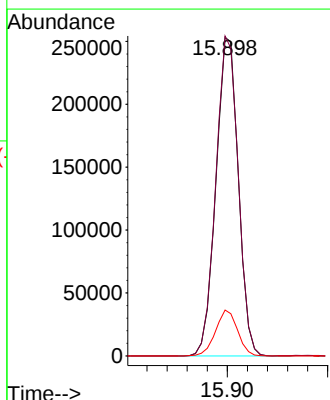
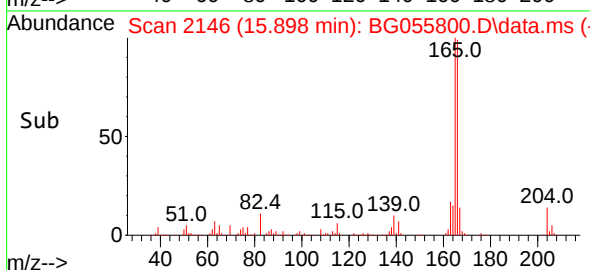
11/29/2022

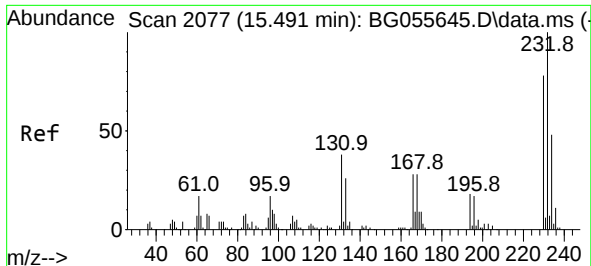


#58
Fluorene
Concen: 43.434 ng
RT: 15.898 min Scan# 2146
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20



Tgt Ion:166 Resp: 391492
Ion Ratio Lower Upper
166 100
165 100.5 79.3 118.9
167 14.4 10.6 15.8





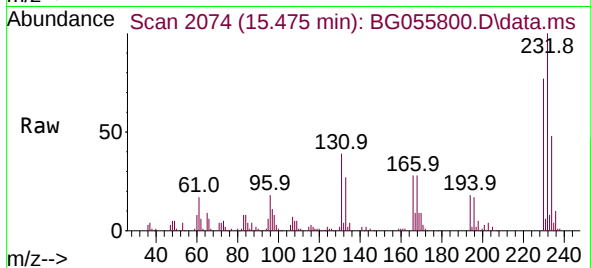
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.625 ng
RT: 15.475 min Scan# 2077
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

ClientSampleId :

PB149283BS



Tgt Ion:232 Resp: 119499
Ion Ratio Lower Upper
232 100
131 38.7 29.8 44.8
130 2.1 1.7 2.5
166 28.0 22.2 33.2

Manual Integrations
APPROVED

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

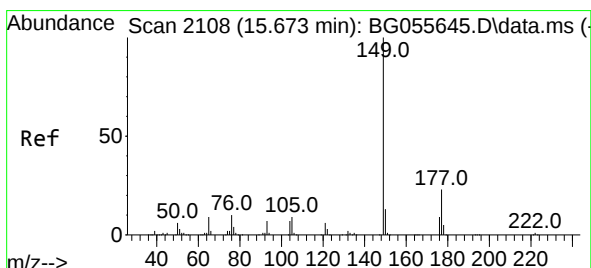
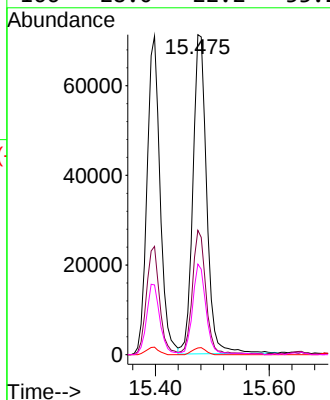
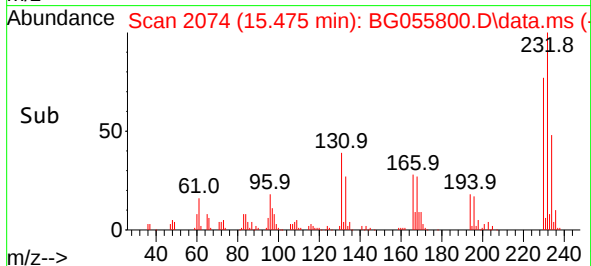
11/29/2022

Supervised By :Jagrut
Upadhyay

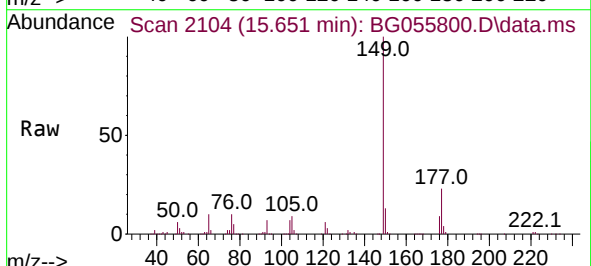
11/29/2022

Supervised By :Jagrut
Upadhyay

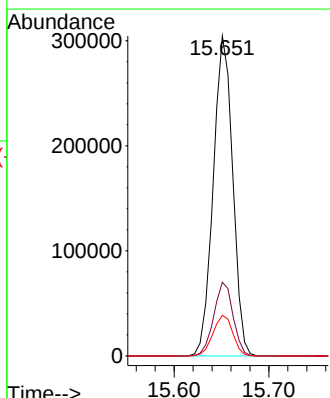
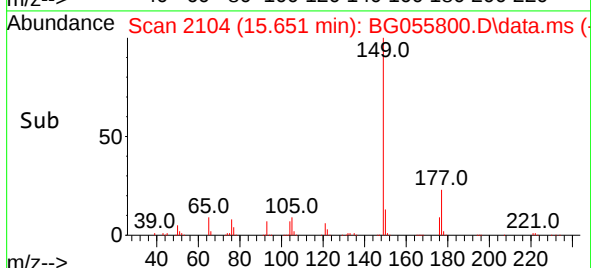
11/29/2022

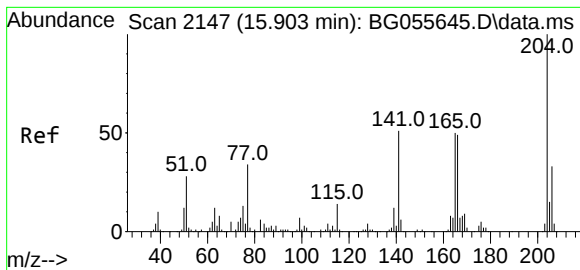


#60
Diethylphthalate
Concen: 44.892 ng
RT: 15.651 min Scan# 2104
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20



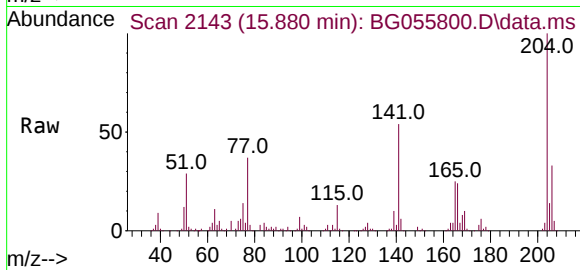
Tgt Ion:149 Resp: 434190
Ion Ratio Lower Upper
149 100
177 23.0 18.3 27.5
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.283 ng
RT: 15.880 min Scan# 2144
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :
BNA_G
ClientSampleId :
PB149283BS



Tgt Ion:204 Resp: 214450
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 53.5 40.6 61.0

Manual Integrations
APPROVED

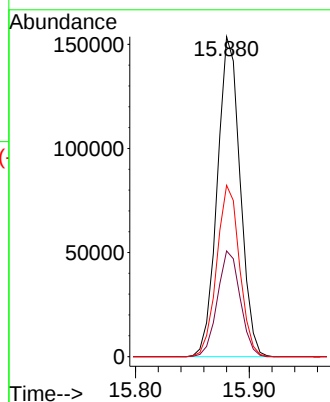
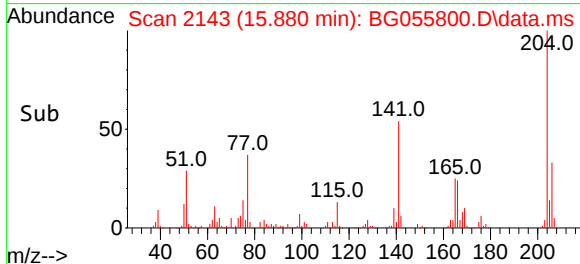
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

11/29/2022

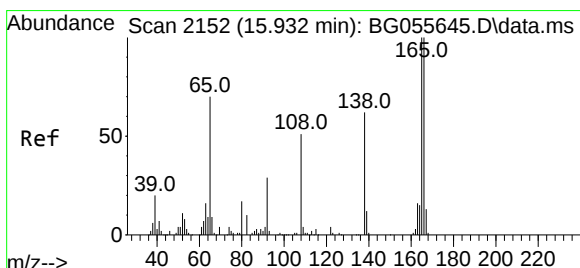
Supervised By :Jagrut
Upadhyay

11/29/2022

Supervised By :Jagrut
Upadhyay

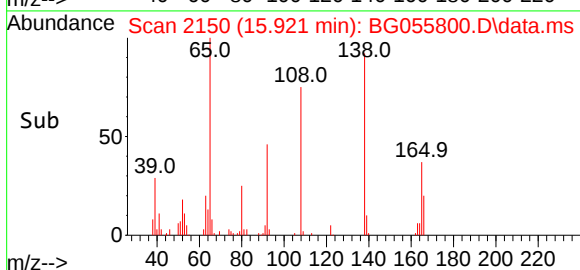
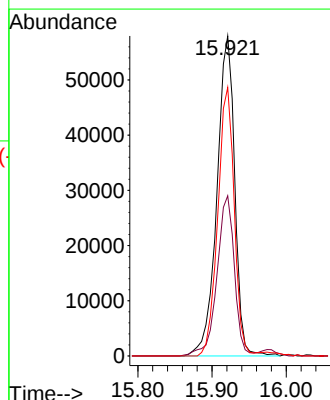
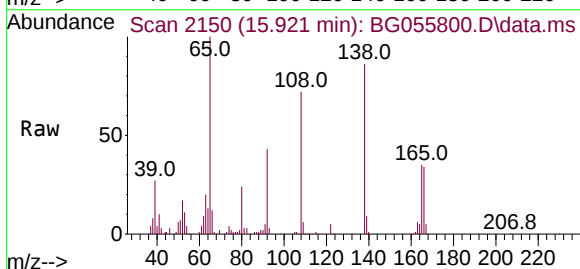


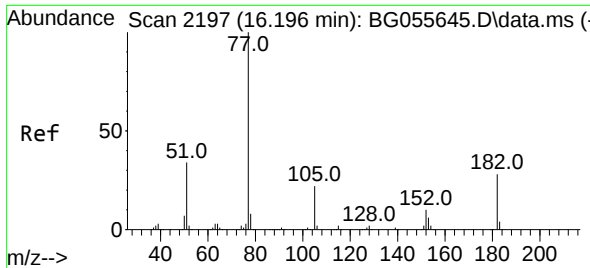
11/29/2022



#62
4-Nitroaniline
Concen: 43.073 ng
RT: 15.921 min Scan# 2150
Delta R.T. 0.005 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Tgt Ion:138 Resp: 96681
Ion Ratio Lower Upper
138 100
92 50.0 27.3 67.3
108 83.9 62.8 102.8





#63
Azobenzene
Concen: 44.267 ng
RT: 16.174 min Scan# 2197
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

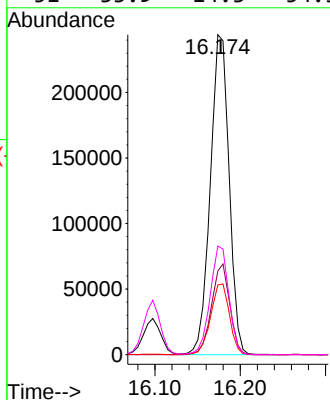
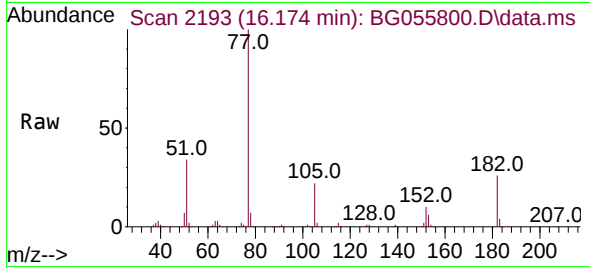
ClientSampleId :

PB149283BS

Tgt Ion: 77 Resp: 373783
Ion Ratio Lower Upper
77 100
182 26.2 8.1 48.1
105 21.8 1.8 41.8
51 33.9 14.3 54.3

Manual Integrations
APPROVED

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



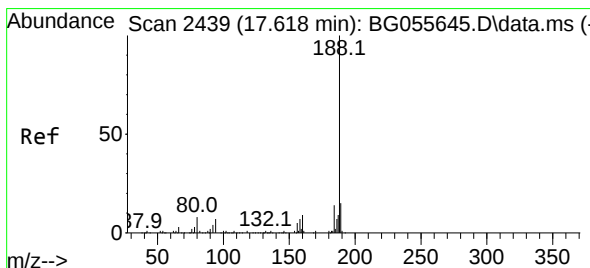
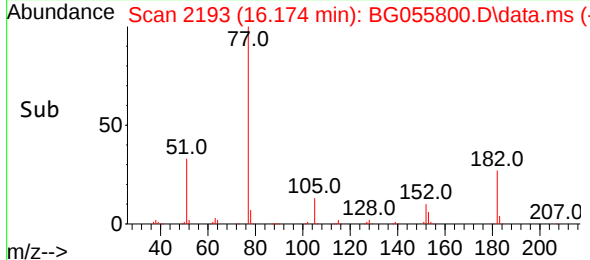
11/29/2022

Supervised By :Jagrut
Upadhyay

11/29/2022

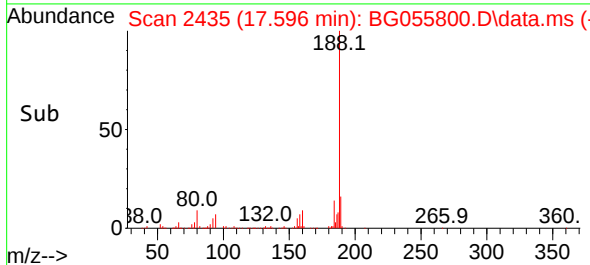
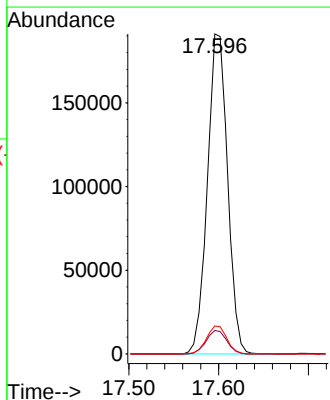
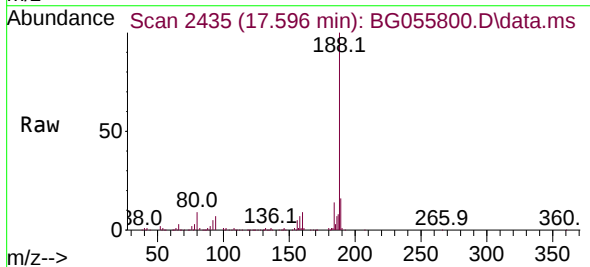
Supervised By :Jagrut
Upadhyay

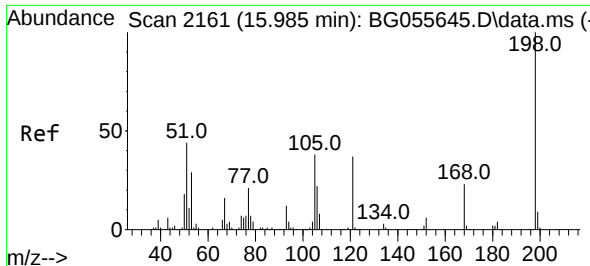
11/29/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.596 min Scan# 2435
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Tgt Ion:188 Resp: 298431
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.2
80 8.8 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 48.595 ng
RT: 15.980 min Scan# 2161
Delta R.T. 0.005 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

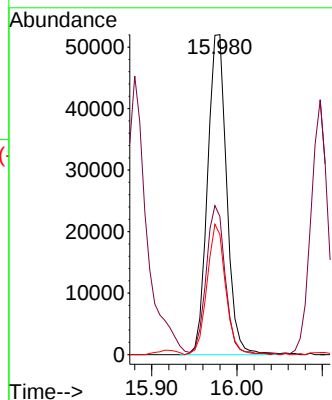
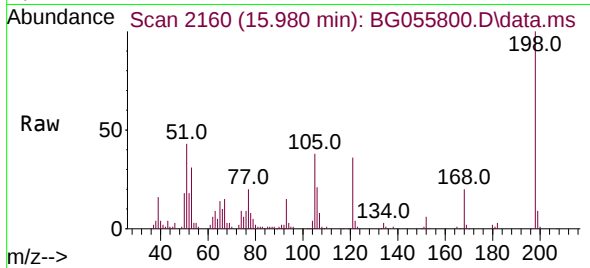
ClientSampleId :

PB149283BS

Tgt Ion:198 Resp: 80979
Ion Ratio Lower Upper
198 100
51 43.2 27.7 67.7
105 37.5 19.3 59.3

Manual Integrations
APPROVED

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



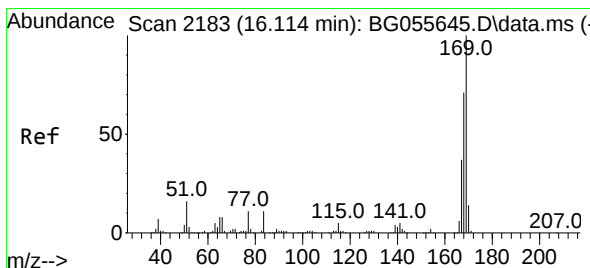
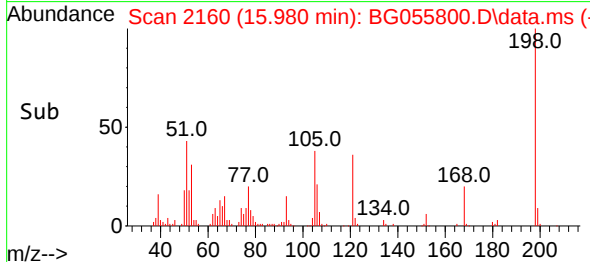
11/29/2022

Supervised By :Jagrut
Upadhyay

11/29/2022

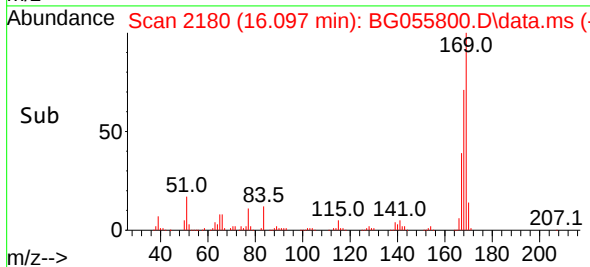
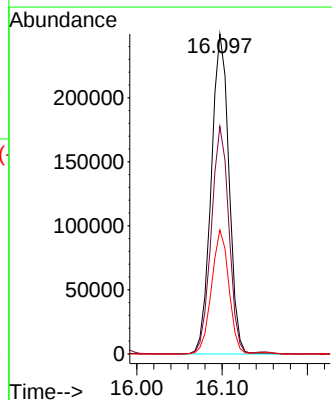
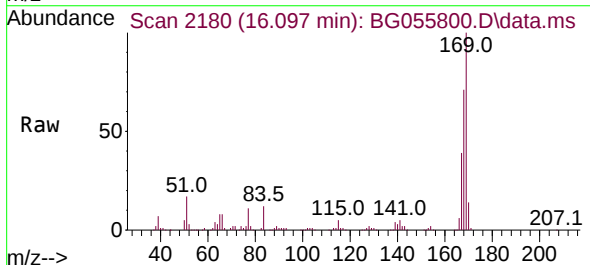
Supervised By :Jagrut
Upadhyay

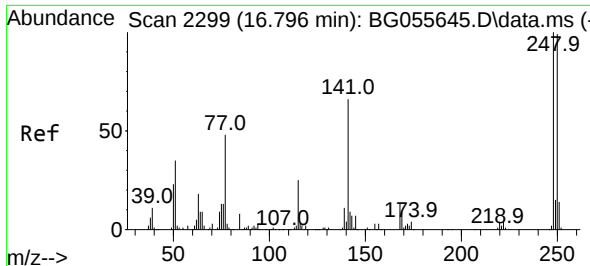
11/29/2022



#66
n-Nitrosodiphenylamine
Concen: 43.856 ng
RT: 16.097 min Scan# 2180
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Tgt Ion:169 Resp: 360695
Ion Ratio Lower Upper
169 100
168 71.1 56.6 85.0
167 38.7 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 43.036 ng
RT: 16.779 min Scan# 2117
Delta R.T. 0.005 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

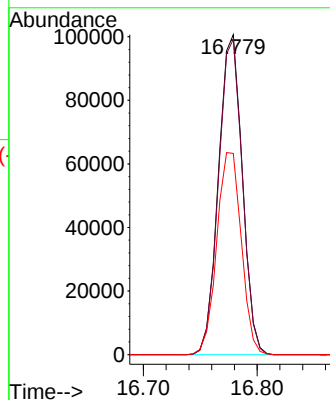
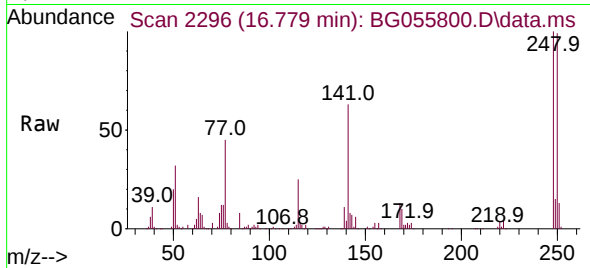
ClientSampleId :

PB149283BS

Tgt Ion:248 Resp: 146336
Ion Ratio Lower Upper
248 100
250 98.6 79.0 118.4
141 62.9 52.9 79.3

Manual Integrations
APPROVED

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



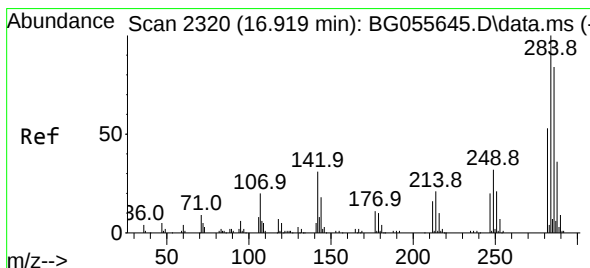
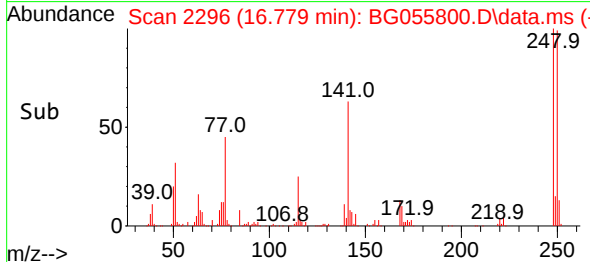
11/29/2022

Supervised By :Jagrut
Upadhyay

11/29/2022

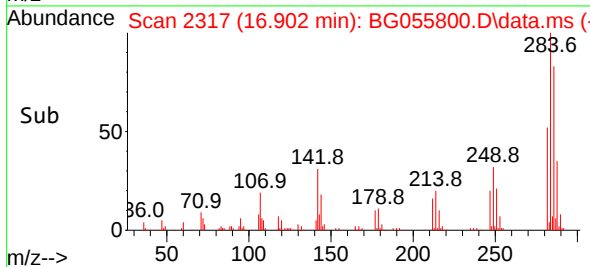
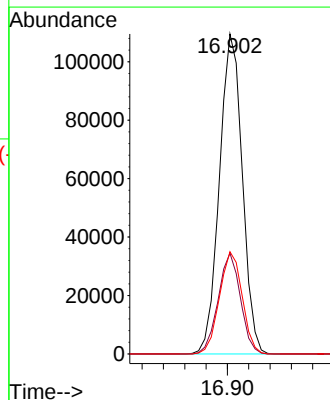
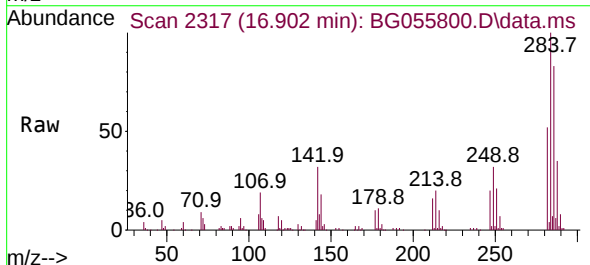
Supervised By :Jagrut
Upadhyay

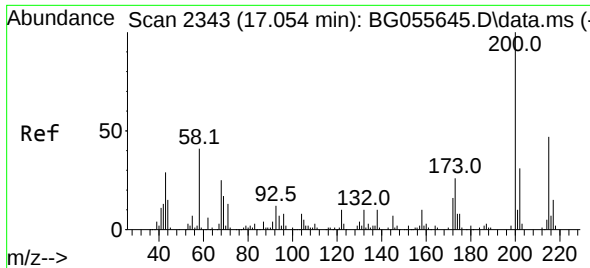
11/29/2022



#68
Hexachlorobenzene
Concen: 43.352 ng
RT: 16.902 min Scan# 2317
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Tgt Ion:284 Resp: 163454
Ion Ratio Lower Upper
284 100
142 31.5 24.8 37.2
249 31.9 25.7 38.5





#69
 Atrazine
 Concen: 48.360 ng
 RT: 17.038 min Scan# 2343
 Delta R.T. 0.005 min
 Lab File: BG055800.D
 Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

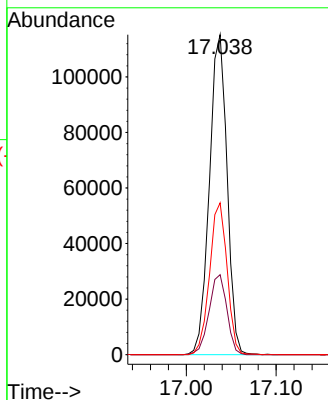
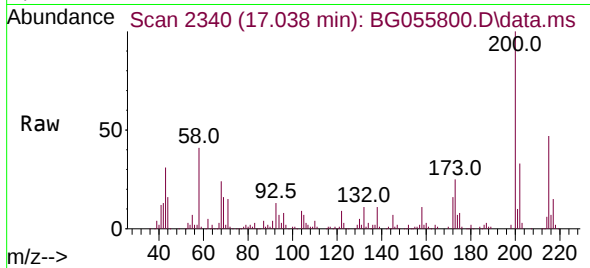
ClientSampleId :

PB149283BS

Tgt Ion:200 Resp: 157304
 Ion Ratio Lower Upper
 200 100
 173 25.0 5.6 45.6
 215 47.4 27.2 67.2

Manual Integrations
 APPROVED

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



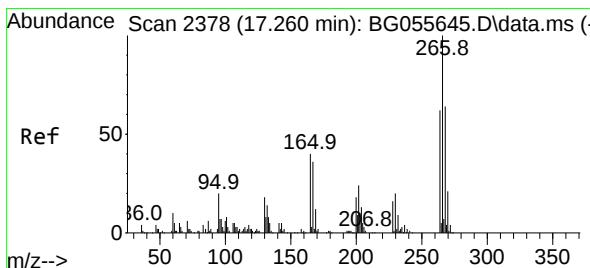
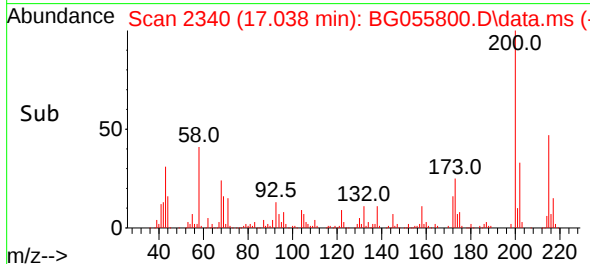
11/29/2022

Supervised By :Jagrut
 Upadhyay

11/29/2022

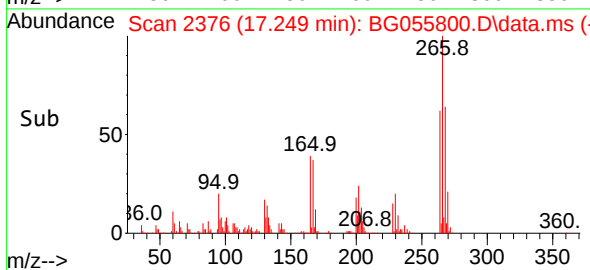
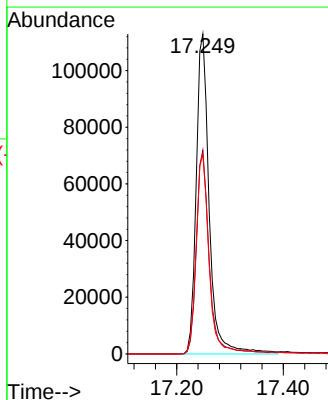
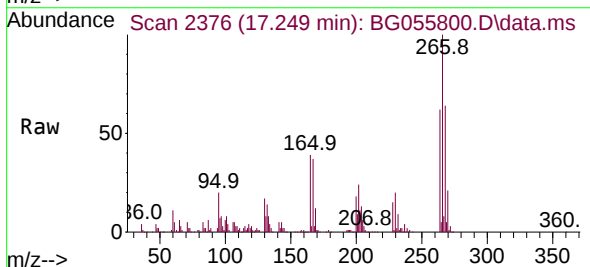
Supervised By :Jagrut
 Upadhyay

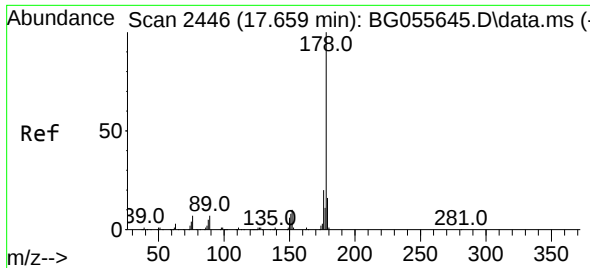
11/29/2022



#70
 Pentachlorophenol
 Concen: 82.762 ng
 RT: 17.249 min Scan# 2376
 Delta R.T. -0.001 min
 Lab File: BG055800.D
 Acq: 28 Nov 2022 11:20

Tgt Ion:266 Resp: 190885
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.2 76.8
 264 62.4 49.5 74.3





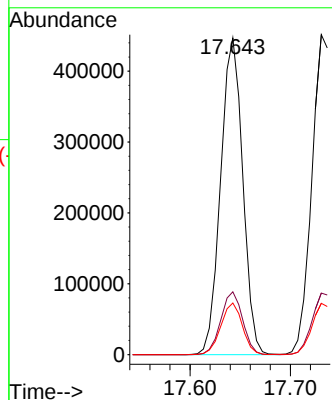
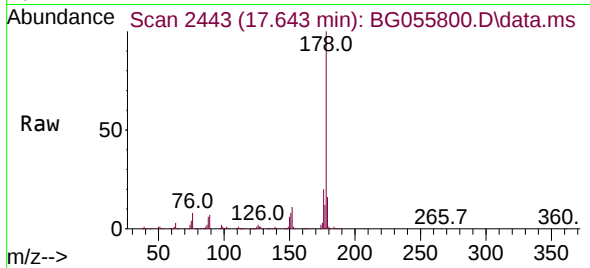
#71
Phenanthrene
Concen: 42.505 ng
RT: 17.643 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :
BNA_G
ClientSampleId :
PB149283BS

Tgt Ion:178 Resp: 684529
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.3 12.7 19.1

Manual Integrations APPROVED

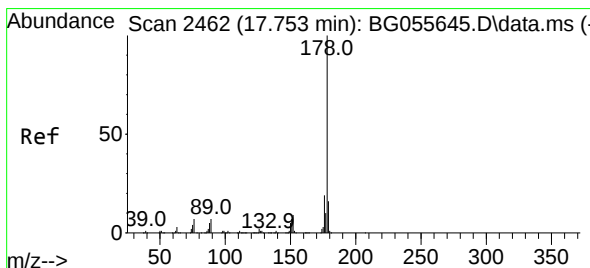
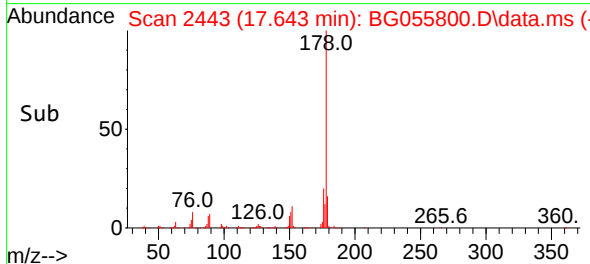
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



11/29/2022
Supervised By :Jagrut
Upadhyay

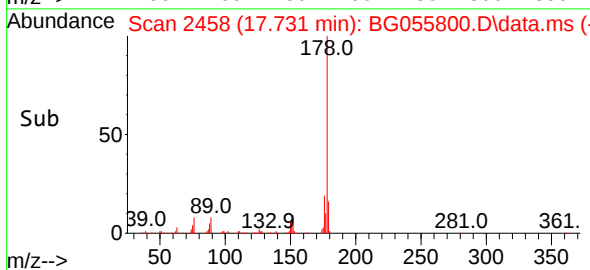
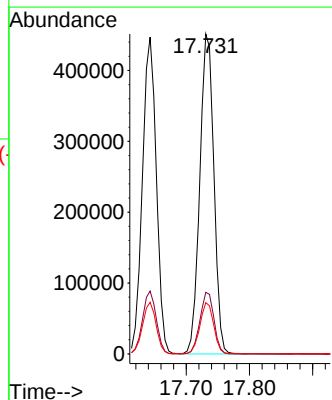
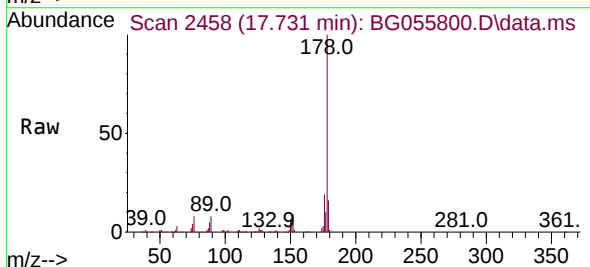
11/29/2022
Supervised By :Jagrut
Upadhyay

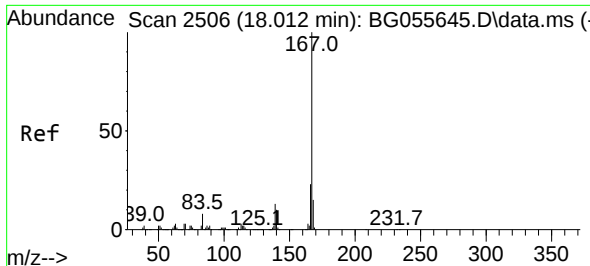
11/29/2022



#72
Anthracene
Concen: 44.687 ng
RT: 17.731 min Scan# 2458
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Tgt Ion:178 Resp: 699243
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 16.0 12.5 18.7





#73
Carbazole
Concen: 45.721 ng
RT: 18.001 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

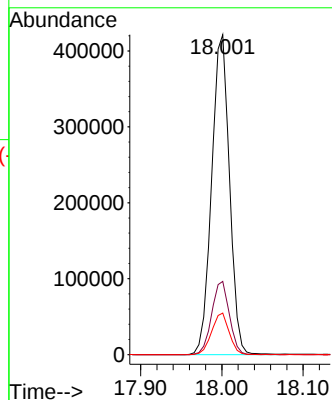
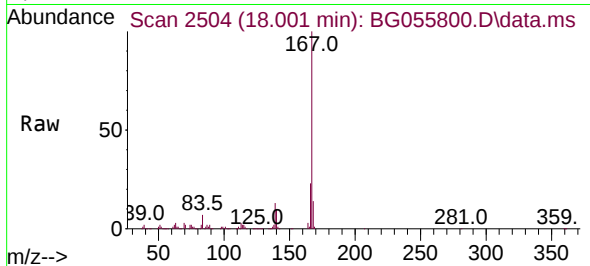
ClientSampleId :

PB149283BS

Tgt Ion:167 Resp: 643159
Ion Ratio Lower Upper
167 100
166 22.9 18.2 27.2
139 13.0 10.2 15.4

Manual Integrations
APPROVED

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



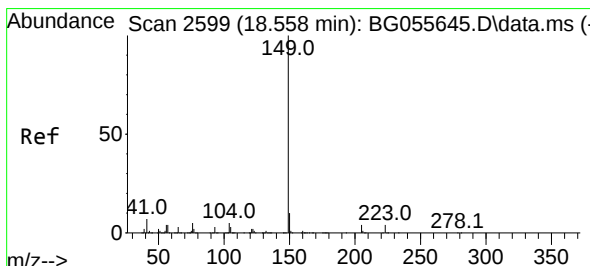
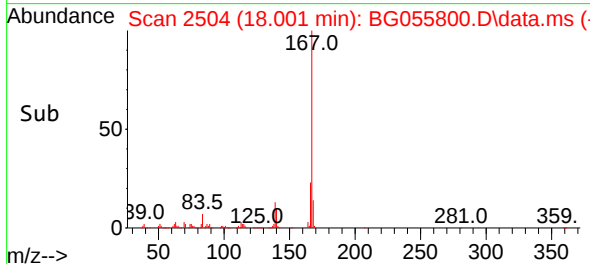
11/29/2022

Supervised By :Jagrut
Upadhyay

11/29/2022

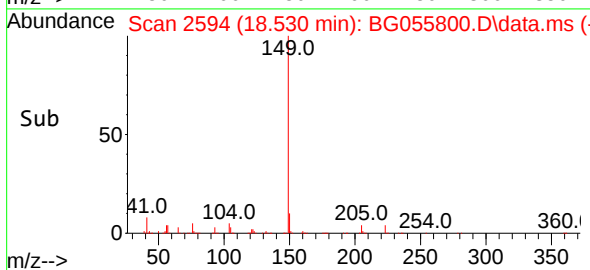
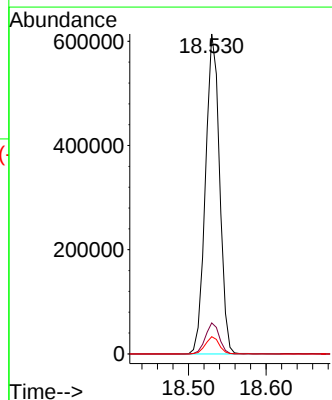
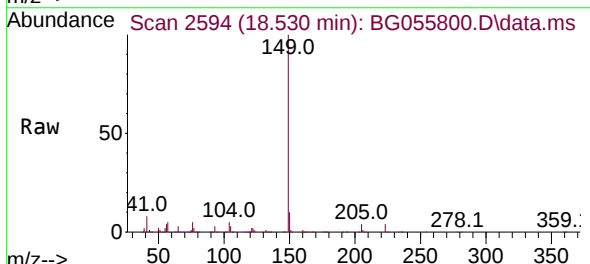
Supervised By :Jagrut
Upadhyay

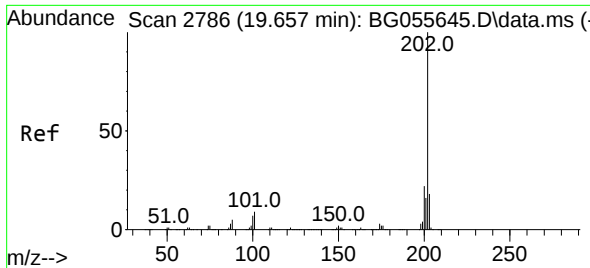
11/29/2022



#74
Di-n-butylphthalate
Concen: 44.358 ng
RT: 18.530 min Scan# 2594
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

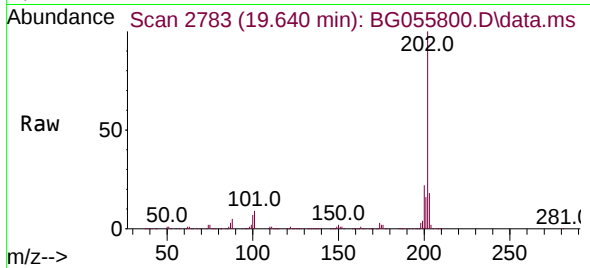
Tgt Ion:149 Resp: 774805
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.4 4.0 6.0





#75
Fluoranthene
Concen: 42.339 ng
RT: 19.640 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

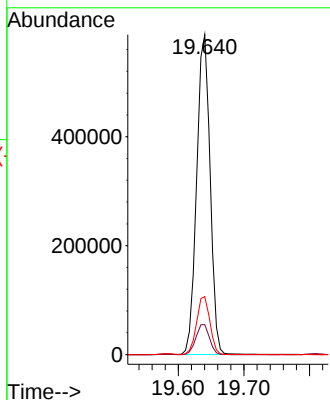
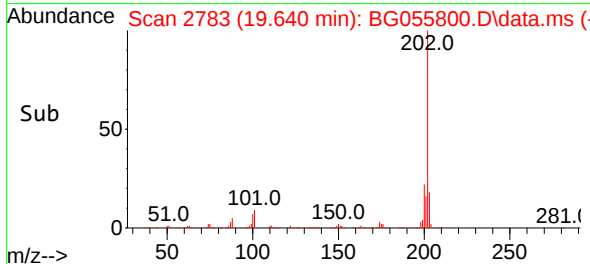
Instrument :
BNA_G
ClientSampleId :
PB149283BS



Tgt Ion:202 Resp: 829515
Ion Ratio Lower Upper
202 100
101 9.4 0.0 28.8
203 18.1 0.0 38.1

Manual Integrations
APPROVED

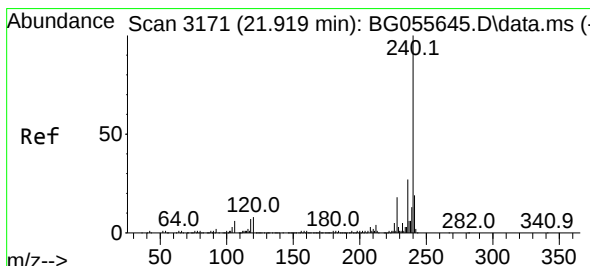
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



11/29/2022
Supervised By :Jagrut
Upadhyay

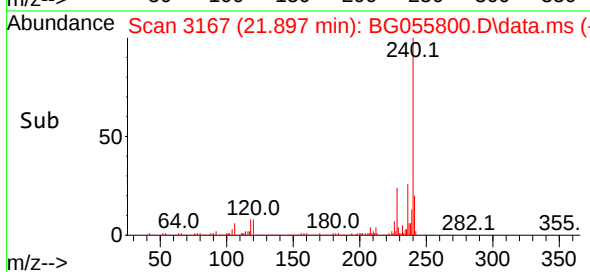
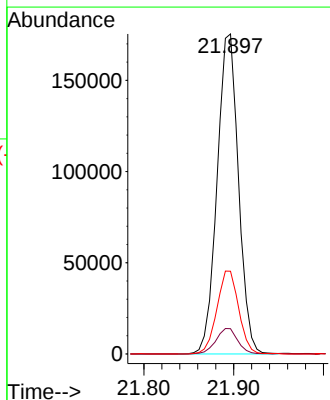
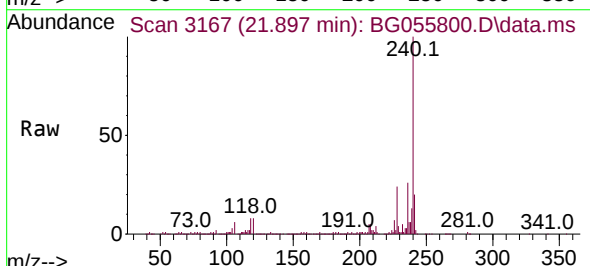
11/29/2022
Supervised By :Jagrut
Upadhyay

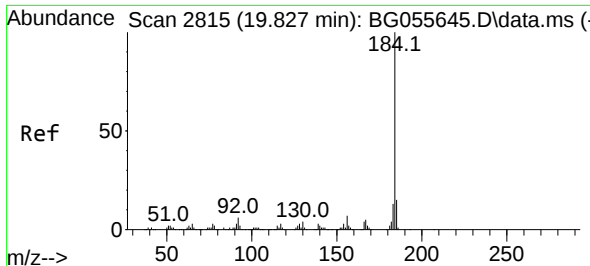
11/29/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.897 min Scan# 3167
Delta R.T. 0.005 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

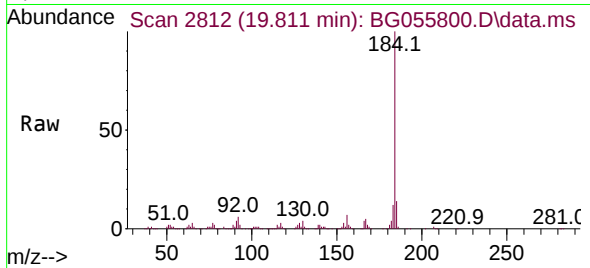
Tgt Ion:240 Resp: 291071
Ion Ratio Lower Upper
240 100
120 7.9 6.3 9.5
236 25.8 21.9 32.9





#77
Benzidine
Concen: 49.092 ng
RT: 19.811 min Scan# 2815
Delta R.T. 0.005 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

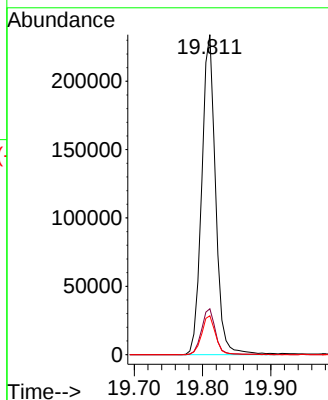
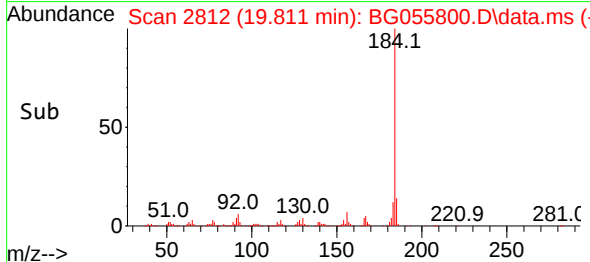
Instrument :
BNA_G
ClientSampleId :
PB149283BS



Tgt Ion:184 Resp: 330575
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.8
183 12.1 10.6 15.8

Manual Integrations APPROVED

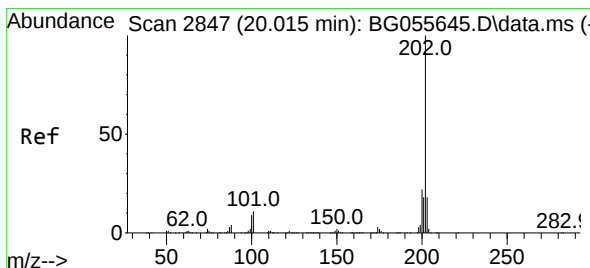
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



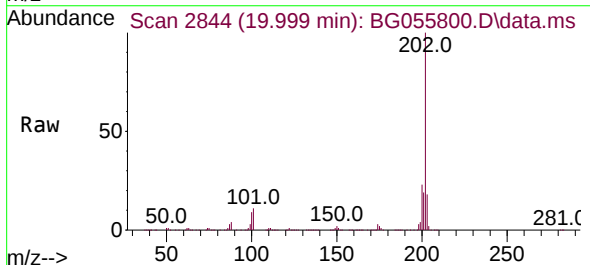
11/29/2022
Supervised By :Jagrut
Upadhyay

11/29/2022
Supervised By :Jagrut
Upadhyay

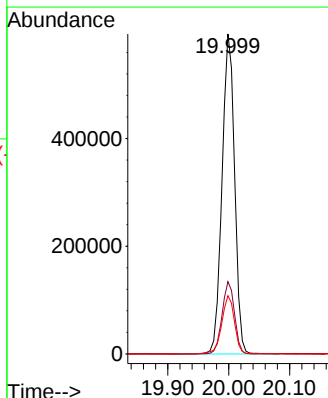
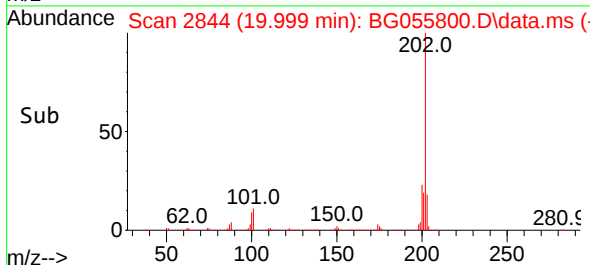
11/29/2022

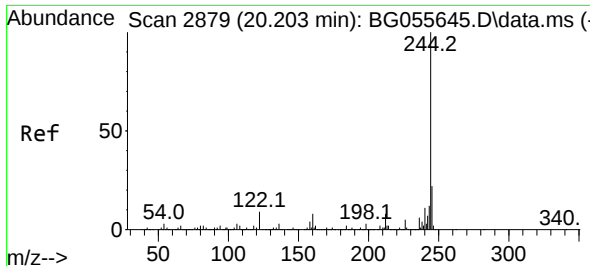


#78
Pyrene
Concen: 43.214 ng
RT: 19.999 min Scan# 2844
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20



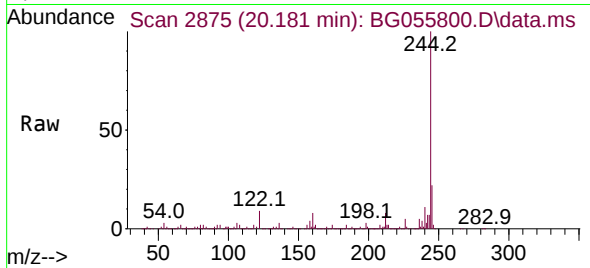
Tgt Ion:202 Resp: 851410
Ion Ratio Lower Upper
202 100
200 22.6 17.8 26.6
203 18.2 14.4 21.6





#79
 Terphenyl-d14
 Concen: 87.073 ng
 RT: 20.181 min Scan# 2879
 Delta R.T. -0.001 min
 Lab File: BG055800.D
 Acq: 28 Nov 2022 11:20

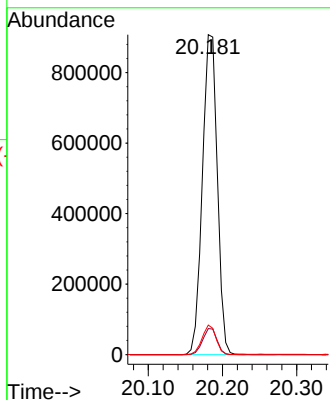
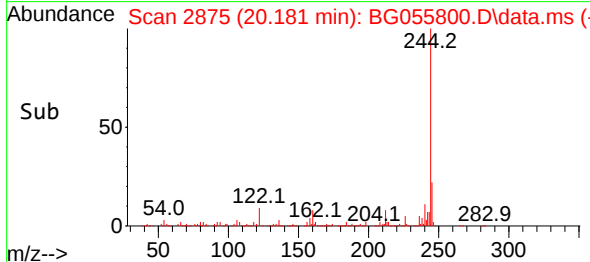
Instrument :
 BNA_G
 ClientSampleId :
 PB149283BS



Tgt Ion:244 Resp: 126714
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.3 9.5
 122 9.3 6.9 10.3

Manual Integrations APPROVED

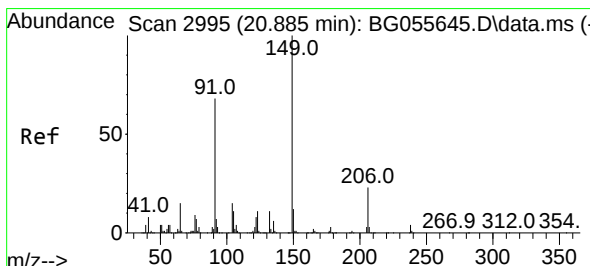
Reviewed By :Christian Giraldo 11/29/2022
 Supervised By :Jagrut Upadhyay 11/29/2022



11/29/2022
 Supervised By :Jagrut
 Upadhyay

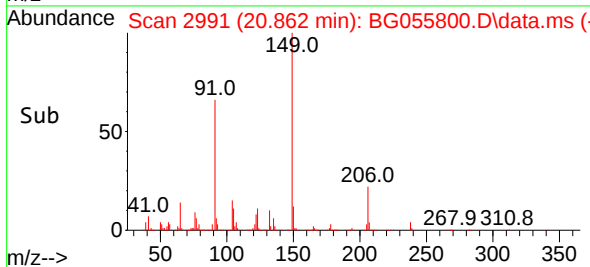
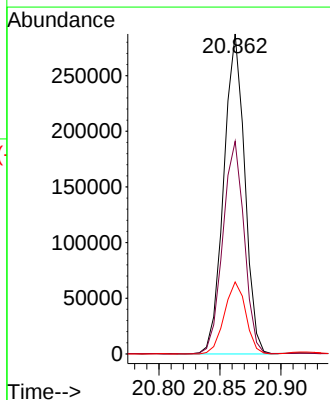
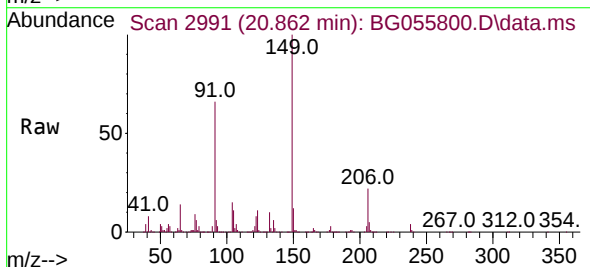
11/29/2022
 Supervised By :Jagrut
 Upadhyay

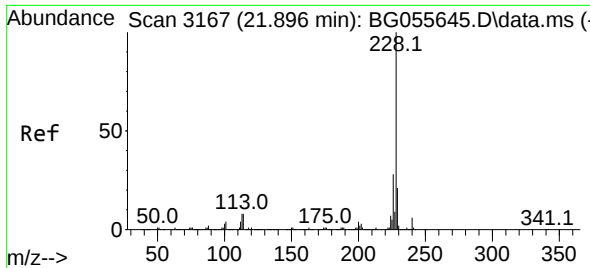
11/29/2022



#80
 Butylbenzylphthalate
 Concen: 44.562 ng
 RT: 20.862 min Scan# 2991
 Delta R.T. -0.001 min
 Lab File: BG055800.D
 Acq: 28 Nov 2022 11:20

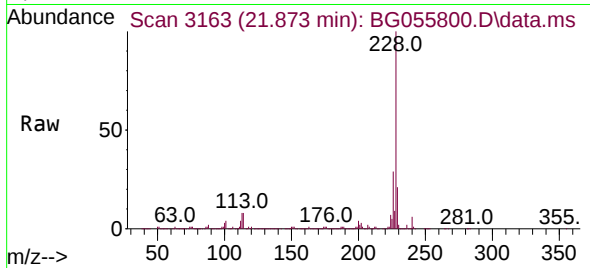
Tgt Ion:149 Resp: 343702
 Ion Ratio Lower Upper
 149 100
 91 66.4 54.6 81.8
 206 22.5 18.3 27.5





#81
Benzo(a)anthracene
Concen: 42.473 ng
RT: 21.873 min Scan# 3163
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

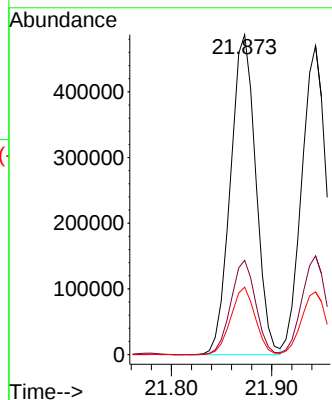
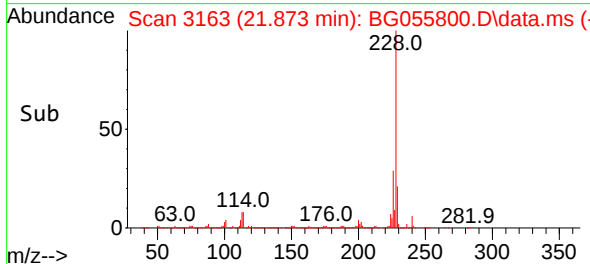
Instrument :
BNA_G
ClientSampleId :
PB149283BS



Tgt Ion:228 Resp: 851486
Ion Ratio Lower Upper
228 100
226 29.5 22.7 34.1
229 21.1 16.5 24.7

Manual Integrations
APPROVED

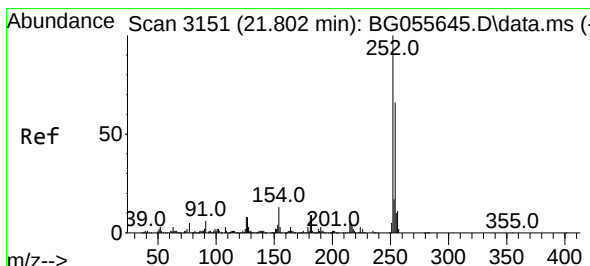
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



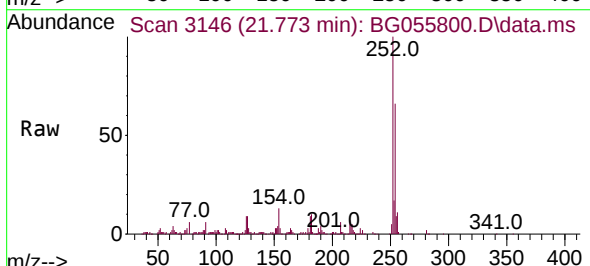
11/29/2022
Supervised By :Jagrut
Upadhyay

11/29/2022
Supervised By :Jagrut
Upadhyay

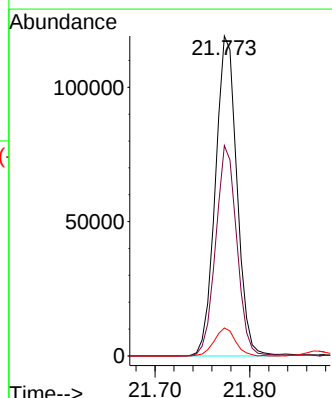
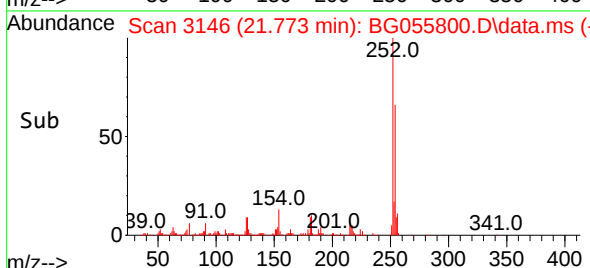
11/29/2022

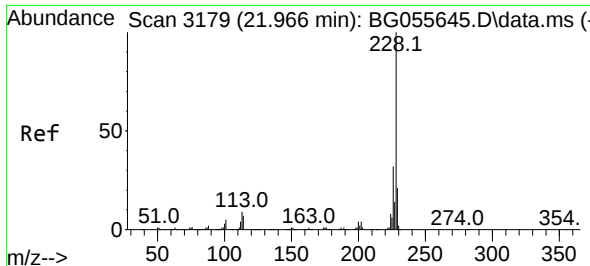


#82
3,3'-Dichlorobenzidine
Concen: 26.661 ng
RT: 21.773 min Scan# 3146
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20



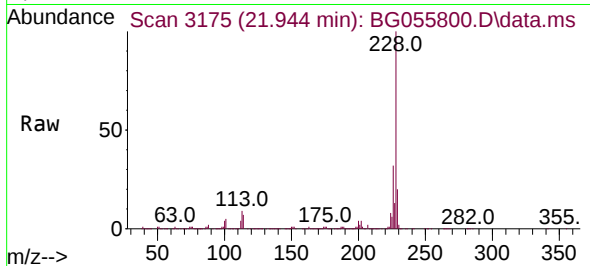
Tgt Ion:252 Resp: 187813
Ion Ratio Lower Upper
252 100
254 65.7 53.0 79.6
126 8.7 6.7 10.1





#83
Chrysene
Concen: 41.792 ng
RT: 21.944 min Scan# 3179
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

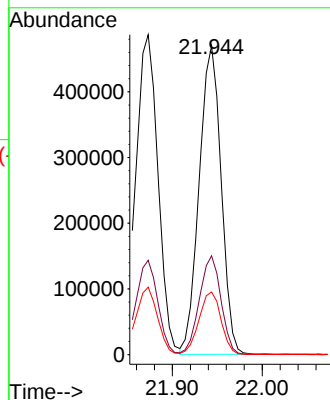
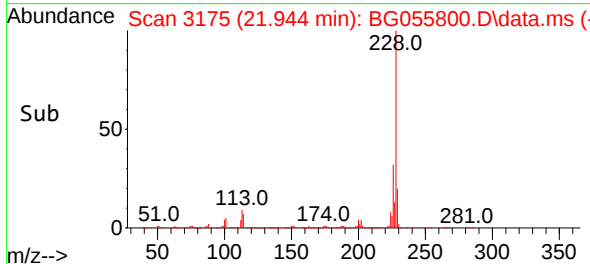
Instrument :
BNA_G
ClientSampleId :
PB149283BS



Tgt Ion:228 Resp: 797600
Ion Ratio Lower Upper
228 100
226 32.0 25.4 38.2
229 20.3 17.1 25.7

Manual Integrations
APPROVED

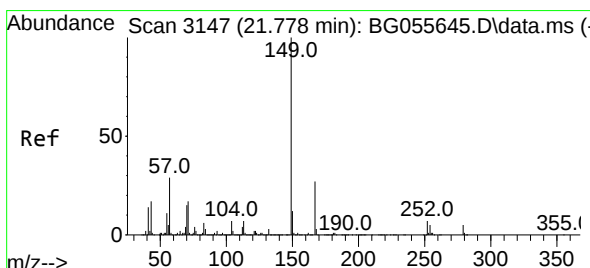
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



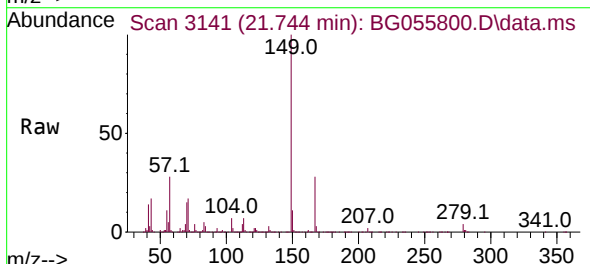
11/29/2022
Supervised By :Jagrut
Upadhyay

11/29/2022
Supervised By :Jagrut
Upadhyay

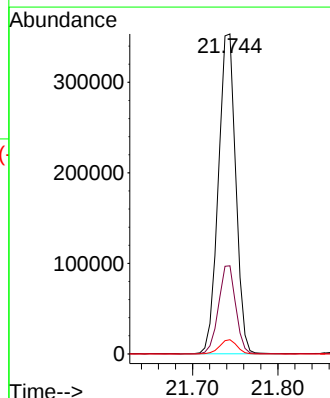
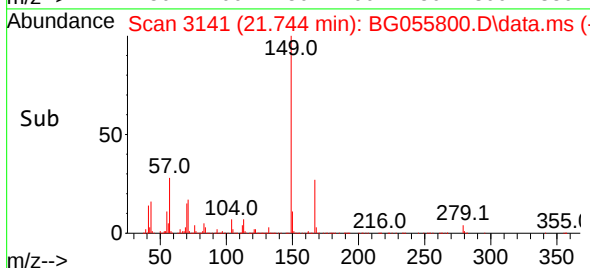
11/29/2022

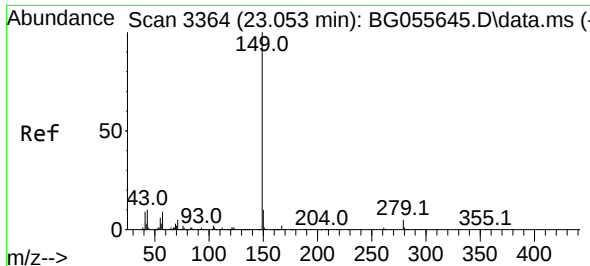


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.050 ng
RT: 21.744 min Scan# 3141
Delta R.T. 0.005 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20



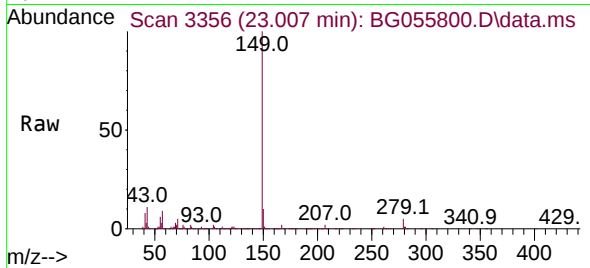
Tgt Ion:149 Resp: 499360
Ion Ratio Lower Upper
149 100
167 27.5 22.0 33.0
279 4.4 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 44.411 ng
RT: 23.007 min Scan# 3364
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :
BNA_G
ClientSampleId :
PB149283BS



Tgt Ion:149 Resp: 842445
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.5 8.4 12.6

Manual Integrations APPROVED

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

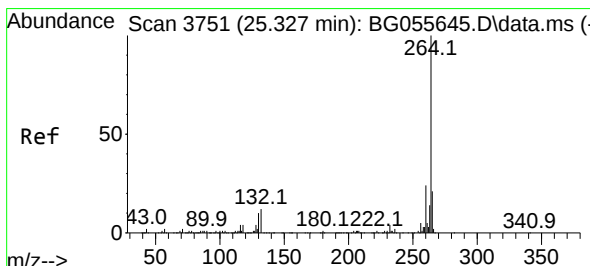
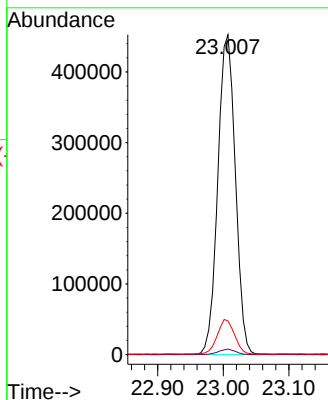
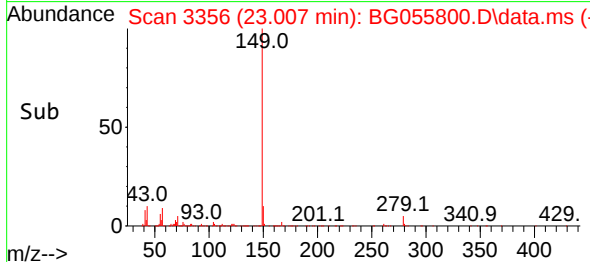
11/29/2022

Supervised By :Jagrut
Upadhyay

11/29/2022

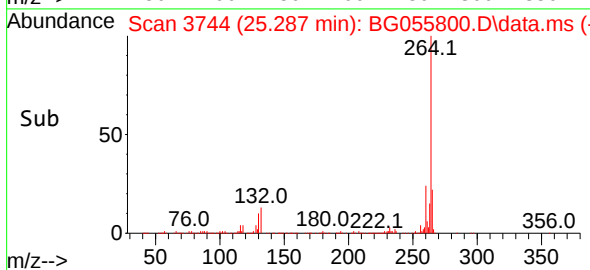
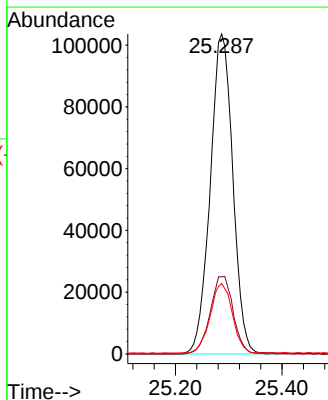
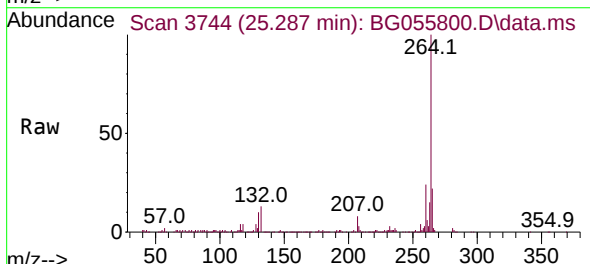
Supervised By :Jagrut
Upadhyay

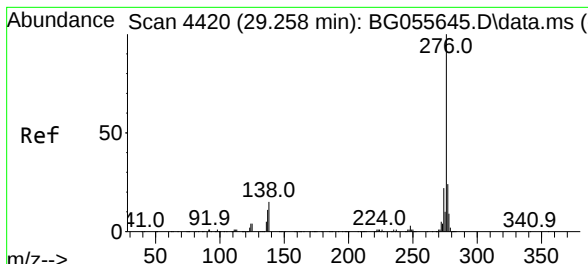
11/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.287 min Scan# 3744
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Tgt Ion:264 Resp: 304678
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 22.0 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.805 ng
 RT: 29.206 min Scan# 44
 Delta R.T. -0.007 min
 Lab File: BG055800.D
 Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

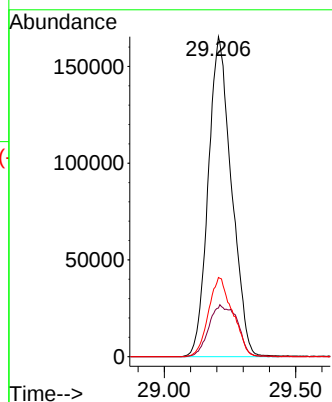
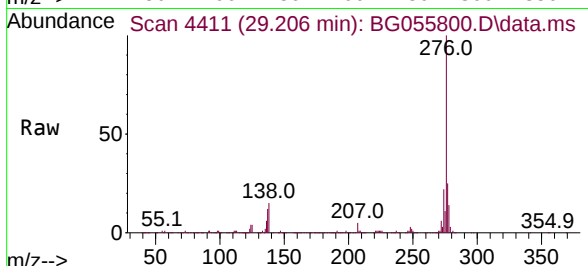
ClientSampleId :

PB149283BS

Tgt Ion:276 Resp: 1018505
 Ion Ratio Lower Upper
 276 100
 138 19.8 10.4 15.6
 277 25.8 20.2 30.4

Manual Integrations
 APPROVED

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



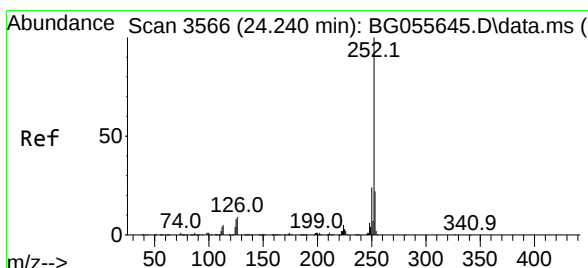
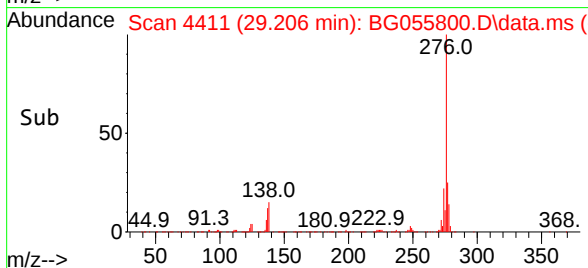
11/29/2022

Supervised By :Jagrut Upadhyay

11/29/2022

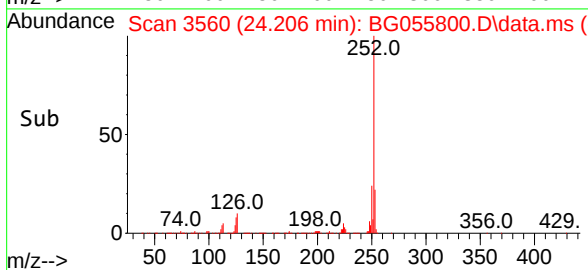
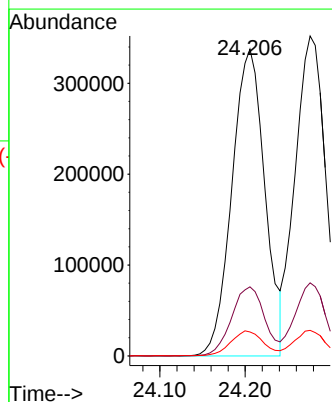
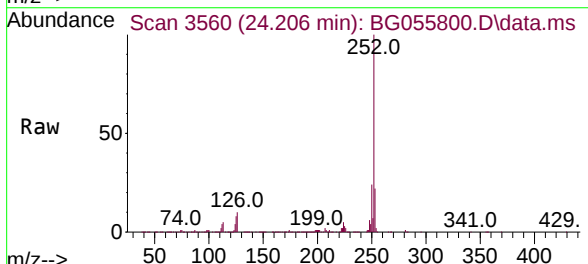
Supervised By :Jagrut Upadhyay

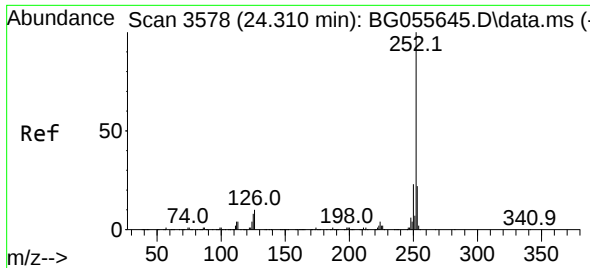
11/29/2022



#88
 Benzo(b)fluoranthene
 Concen: 45.663 ng
 RT: 24.206 min Scan# 3560
 Delta R.T. -0.001 min
 Lab File: BG055800.D
 Acq: 28 Nov 2022 11:20

Tgt Ion:252 Resp: 906060
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.0 27.0
 125 7.8 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 44.199 ng
RT: 24.276 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

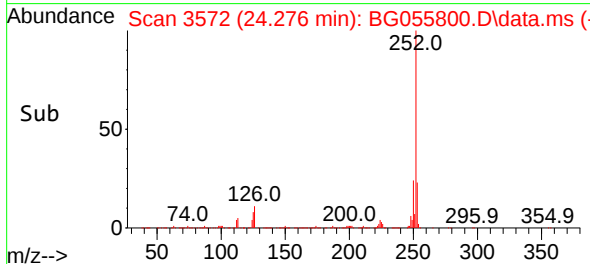
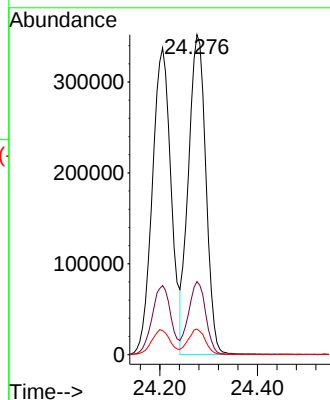
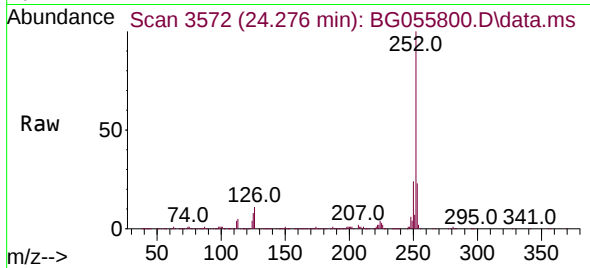
ClientSampleId :

PB149283BS

Tgt Ion:252 Resp: 874210
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 8.0 6.1 9.1

Manual Integrations
APPROVED

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



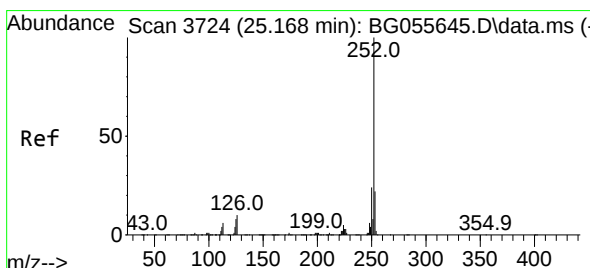
11/29/2022

Supervised By :Jagrut
Upadhyay

11/29/2022

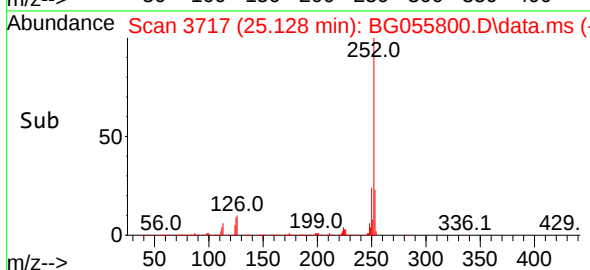
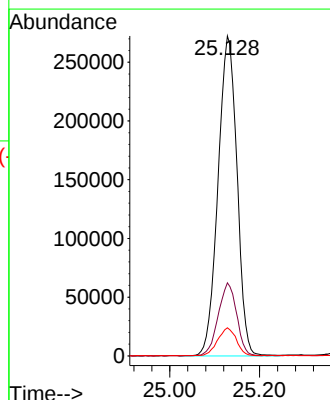
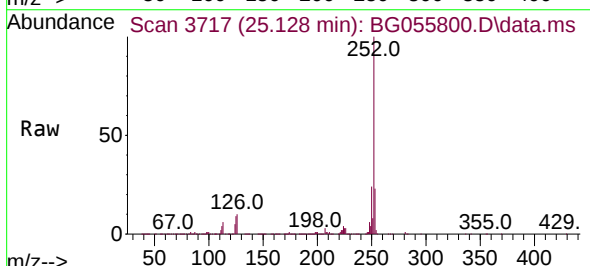
Supervised By :Jagrut
Upadhyay

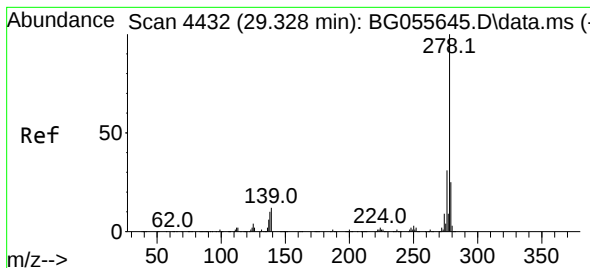
11/29/2022



#90
Benzo(a)pyrene
Concen: 46.969 ng
RT: 25.128 min Scan# 3717
Delta R.T. -0.001 min
Lab File: BG055800.D
Acq: 28 Nov 2022 11:20

Tgt Ion:252 Resp: 799749
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 8.8 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 42.307 ng

RT: 29.270 min Scan# 4432

Delta R.T. 0.005 min

Lab File: BG055800.D

Acq: 28 Nov 2022 11:20

Instrument :

BNA_G

ClientSampleId :

PB149283BS

Tgt Ion:278 Resp: 862918

Ion Ratio Lower Upper

278 100

139 11.6 9.8 14.8

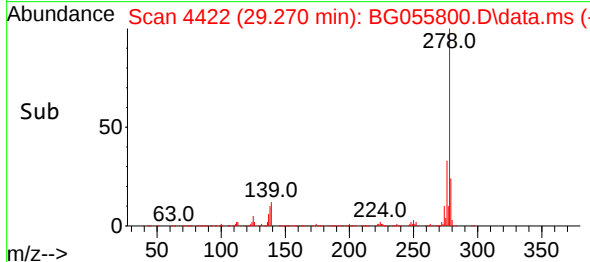
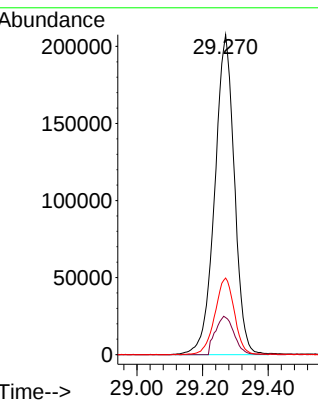
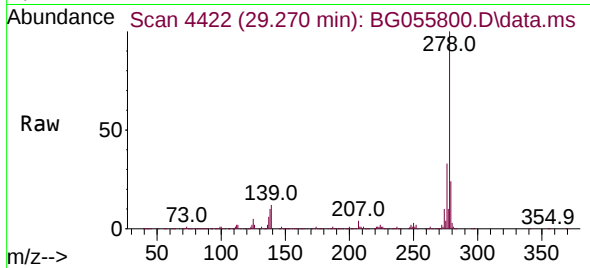
279 23.9 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/29/2022

Supervised By :Jagrut Upadhyay 11/29/2022



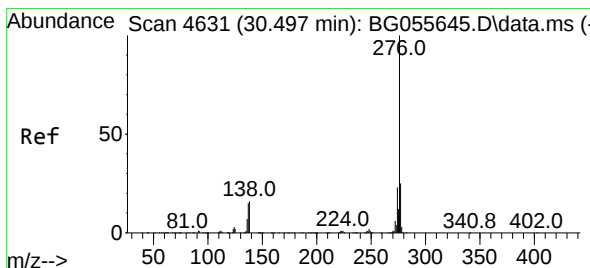
11/29/2022

Supervised By :Jagrut Upadhyay

11/29/2022

Supervised By :Jagrut Upadhyay

11/29/2022



#92

Benzo(g,h,i)perylene

Concen: 41.365 ng

RT: 30.439 min Scan# 4621

Delta R.T. 0.005 min

Lab File: BG055800.D

Acq: 28 Nov 2022 11:20

Tgt Ion:276 Resp: 850364

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.6

138 16.0 13.1 19.7

