

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
 Data File : BG055663.D
 Acq On : 17 Nov 2022 12:52
 Operator : CG/JU
 Sample : PB149019BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149019BS

Quant Time: Nov 18 03:13:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/18/2022
 Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022
 Supervised By :Jagrut
 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	34895	20.000	ng	0.00
21) Naphthalene-d8	11.084	136	162260	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	128027	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	319369	20.000	ng	0.00
76) Chrysene-d12	21.919	240	306495	20.000	ng	0.00
86) Perylene-d12	25.332	264	318797	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.779	112	291460	150.973	ng	0.00
7) Phenol-d6	7.395	99	389523	151.573	ng	0.00
23) Nitrobenzene-d5	9.428	82	235324	76.655	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	238362	132.219	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	630503	73.779	ng	0.00
79) Terphenyl-d14	20.203	244	1220999	79.680	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.611	88	27428	33.245	ng	95
3) Pyridine	4.028	79	79194	31.290	ng	99
4) n-Nitrosodimethylamine	3.934	42	56099	41.865	ng	95
6) Aniline	7.565	93	101882	31.563	ng	98
8) 2-Chlorophenol	7.812	128	109700	49.706	ng	98
9) Benzaldehyde	7.377	77	16341m	9.363	ng	
10) Phenol	7.418	94	143048	49.713	ng	97
11) bis(2-Chloroethyl)ether	7.659	93	96653	43.830	ng	98
12) 1,3-Dichlorobenzene	8.141	146	111222	42.864	ng	97
13) 1,4-Dichlorobenzene	8.288	146	112184	42.786	ng	98
14) 1,2-Dichlorobenzene	8.611	146	109772	43.689	ng	99
15) Benzyl Alcohol	8.487	79	107292	51.371	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.775	45	176585	44.235	ng	97
17) 2-Methylphenol	8.687	107	103230	50.531	ng	98
18) Hexachloroethane	9.351	117	39107	43.334	ng	97
19) n-Nitroso-di-n-propyla...	9.057	70	88427	44.784	ng	98
20) 3+4-Methylphenols	9.010	107	141825	49.697	ng	98
22) Acetophenone	9.081	105	169466	40.193	ng	# 99
24) Nitrobenzene	9.469	77	126708	39.515	ng	98
25) Isophorone	9.992	82	249513	42.896	ng	99
26) 2-Nitrophenol	10.185	139	63600	42.965	ng	93
27) 2,4-Dimethylphenol	10.232	122	117638	52.216	ng	98
28) bis(2-Chloroethoxy)met...	10.467	93	139909	44.804	ng	99
29) 2,4-Dichlorophenol	10.720	162	123360	45.747	ng	100
30) 1,2,4-Trichlorobenzene	10.938	180	120326	38.408	ng	100
31) Naphthalene	11.131	128	339162	38.666	ng	99
32) Benzoic acid	10.362	122	85364	46.054	ng	95
33) 4-Chloroaniline	11.231	127	89696	24.789	ng	97
34) Hexachlorobutadiene	11.408	225	80595	37.676	ng	95
35) Caprolactam	12.007	113	43646m	46.773	ng	
36) 4-Chloro-3-methylphenol	12.336	107	139103	46.934	ng	98
37) 2-Methylnaphthalene	12.718	142	266253	40.540	ng	99
38) 1-Methylnaphthalene	12.935	142	252988	39.680	ng	100
40) 1,2,4,5-Tetrachloroben...	13.082	216	153667	38.194	ng	98
41) Hexachlorocyclopentadiene	13.059	237	193599	95.474	ng	98
43) 2,4,6-Trichlorophenol	13.311	196	114144	41.591	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
 Data File : BG055663.D
 Acq On : 17 Nov 2022 12:52
 Operator : CG/JU
 Sample : PB149019BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149019BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/18/2022
 Supervised By : Jagrut Upadhyay 11/18/2022

Quant Time: Nov 18 03:13:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.388	196	124601	41.314	ng	95
46) 1,1'-Biphenyl	13.711	154	370734	39.738	ng	99
47) 2-Chloronaphthalene	13.758	162	283878	39.147	ng	99
48) 2-Nitroaniline	13.952	65	101612	42.620	ng	99
49) Acenaphthylene	14.604	152	480974	40.279	ng	99
50) Dimethylphthalate	14.322	163	411785	40.348	ng	99
51) 2,6-Dinitrotoluene	14.439	165	88746	42.528	ng	99
52) Acenaphthene	14.939	154	354442m	45.416	ng	
53) 3-Nitroaniline	14.768	138	58297	25.449	ng	99
54) 2,4-Dinitrophenol	14.974	184	117232	97.709	ng	99
55) Dibenzofuran	15.274	168	479607	39.836	ng	99
56) 4-Nitrophenol	15.068	139	157368	87.528	ng	96
57) 2,4-Dinitrotoluene	15.227	165	129654	44.068	ng	96
58) Fluorene	15.920	166	385619	40.102	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.491	232	123398	42.226	ng	99
60) Diethylphthalate	15.673	149	417886	40.499	ng	100
61) 4-Chlorophenyl-phenylether	15.902	204	216691	40.994	ng	98
62) 4-Nitroaniline	15.932	138	94539	39.480	ng	96
63) Azobenzene	16.196	77	361561	40.136	ng	99
65) 4,6-Dinitro-2-methylph...	15.990	198	77651	43.543	ng	95
66) n-Nitrosodiphenylamine	16.114	169	354764	40.307	ng	100
67) 4-Bromophenyl-phenylether	16.795	248	144839	39.803	ng	100
68) Hexachlorobenzene	16.919	284	163115	40.426	ng	99
69) Atrazine	17.054	200	128487	36.911	ng	100
70) Pentachlorophenol	17.260	266	211039	85.501	ng	99
71) Phenanthrene	17.659	178	669303	38.835	ng	99
72) Anthracene	17.753	178	673683	40.231	ng	99
73) Carbazole	18.017	167	609468	40.486	ng	99
74) Di-n-butylphthalate	18.552	149	736945	39.425	ng	99
75) Fluoranthene	19.657	202	804755	38.382	ng	100
77) Benzidine	19.827	184	242937	34.262	ng	97
78) Pyrene	20.015	202	810289	39.057	ng	99
80) Butylbenzylphthalate	20.885	149	323005	39.771	ng	100
81) Benzo(a)anthracene	21.895	228	815780	38.644	ng	100
82) 3,3'-Dichlorobenzidine	21.801	252	261365	35.235	ng	99
83) Chrysene	21.966	228	770797	38.354	ng	99
84) Bis(2-ethylhexyl)phtha...	21.772	149	469224	40.201	ng	99
85) Di-n-octyl phthalate	23.053	149	803084	40.205	ng	100
87) Indeno(1,2,3-cd)pyrene	29.257	276	983679	37.665	ng	99
88) Benzo(b)fluoranthene	24.240	252	864935	41.660	ng	100
89) Benzo(k)fluoranthene	24.316	252	859334	41.523	ng	99
90) Benzo(a)pyrene	25.174	252	767166	43.060	ng	100
91) Dibenzo(a,h)anthracene	29.334	278	845503	39.617	ng	98
92) Benzo(g,h,i)perylene	30.503	276	816837	37.975	ng	99

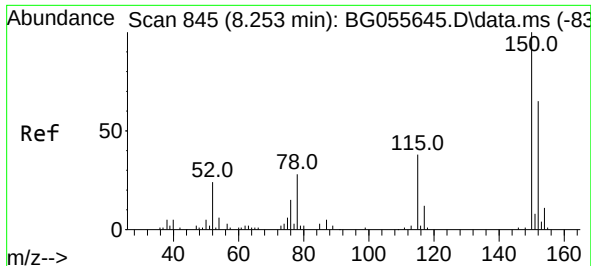
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

11/18/2022
Supervised By :Jagrut
Upadhyay

Quant Time: Nov 18 03:13:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.252 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS

Tgt Ion:152 Resp: 3489
Ion Ratio Lower Upper
152 100
150 160.7 123.0 184.6
115 57.4 47.0 70.4

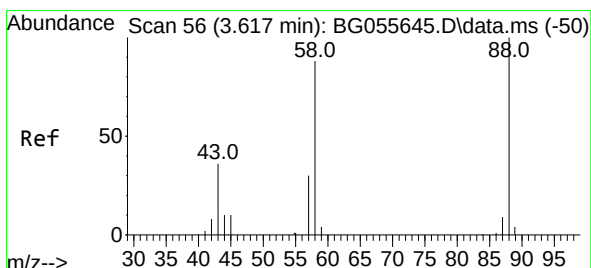
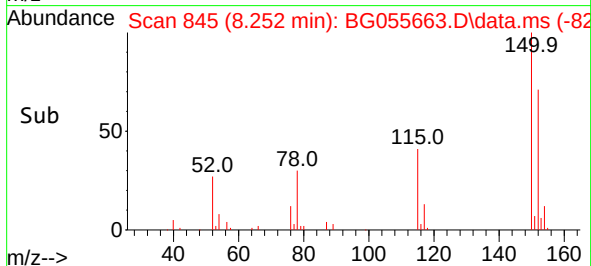
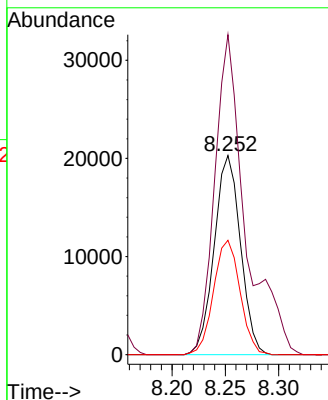
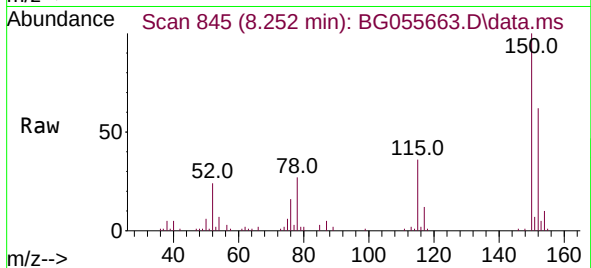
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022

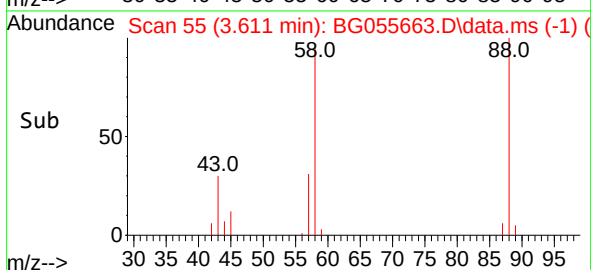
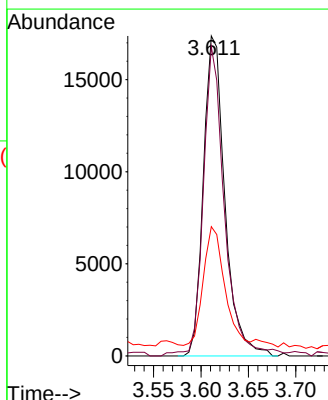
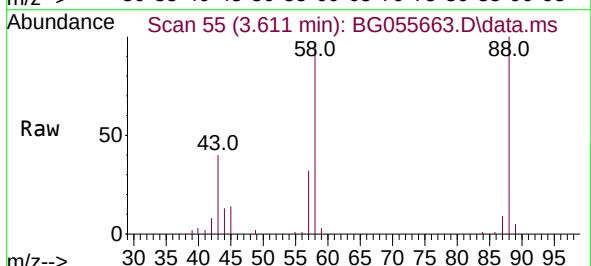
Supervised By :Jagrut
Upadhyay

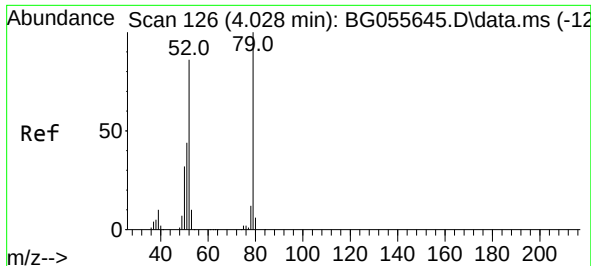
11/18/2022



#2
1,4-Dioxane
Concen: 33.245 ng
RT: 3.611 min Scan# 55
Delta R.T. -0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

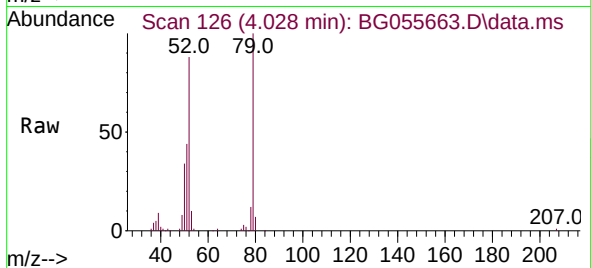
Tgt Ion: 88 Resp: 27428
Ion Ratio Lower Upper
88 100
58 95.6 71.3 106.9
43 36.6 28.6 43.0





#3
Pyridine
Concen: 31.290 ng
RT: 4.028 min Scan# 110
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :
BNA_G
ClientSampleId :
PB149019BS



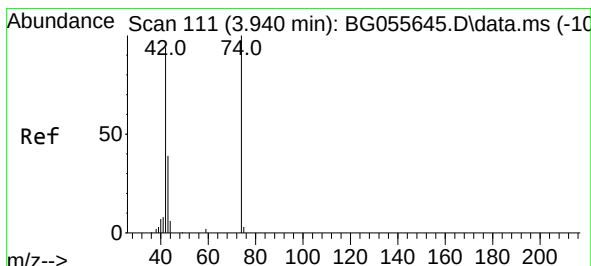
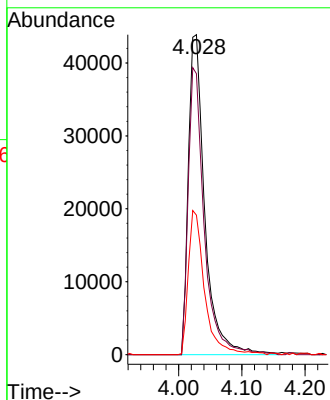
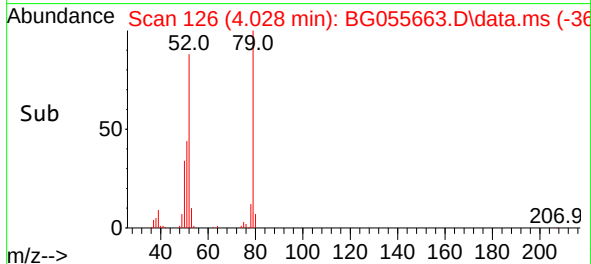
Tgt Ion: 79 Resp: 79194
Ion Ratio Lower Upper
79 100
52 87.8 68.9 103.3
51 43.6 34.8 52.2

Manual Integrations
APPROVED

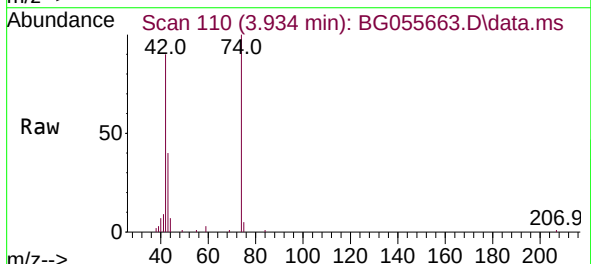
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022
Supervised By :Jagrut
Upadhyay

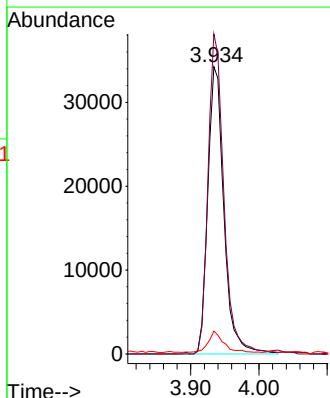
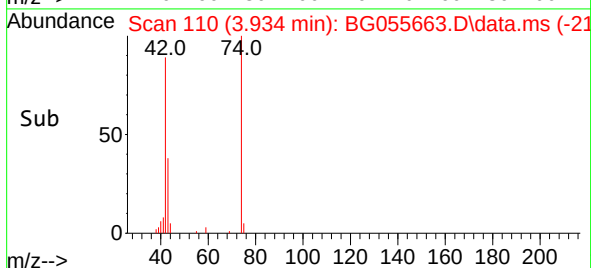
11/18/2022

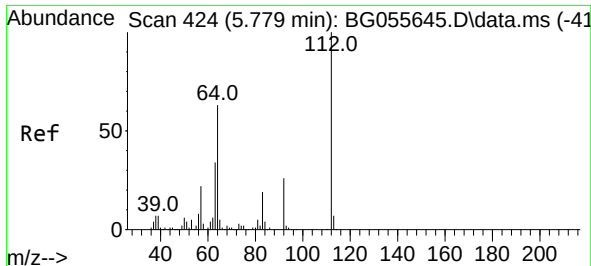


#4
n-Nitrosodimethylamine
Concen: 41.865 ng
RT: 3.934 min Scan# 110
Delta R.T. -0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52



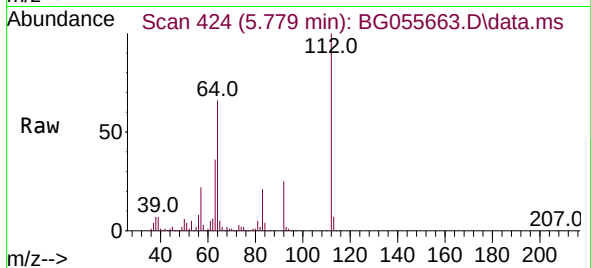
Tgt Ion: 42 Resp: 56099
Ion Ratio Lower Upper
42 100
74 111.4 84.7 127.1
44 8.0 5.4 8.0





#5
2-Fluorophenol
Concen: 150.973 ng
RT: 5.779 min Scan# 424
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :
BNA_G
ClientSampleId :
PB149019BS



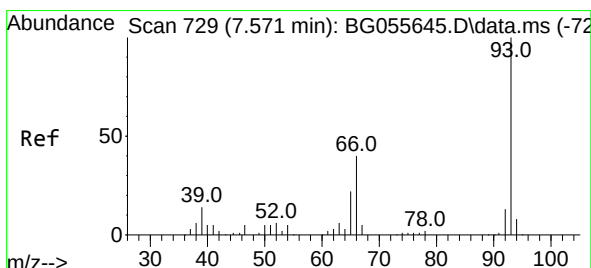
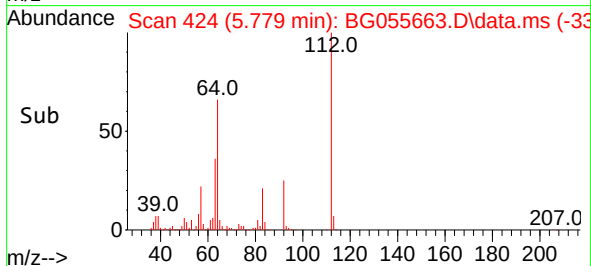
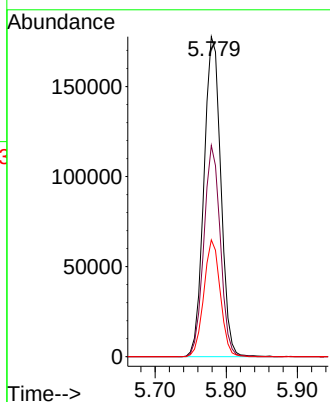
Tgt Ion: 112 Resp: 291460
Ion Ratio Lower Upper
112 100
64 66.0 50.6 76.0
63 36.5 27.5 41.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

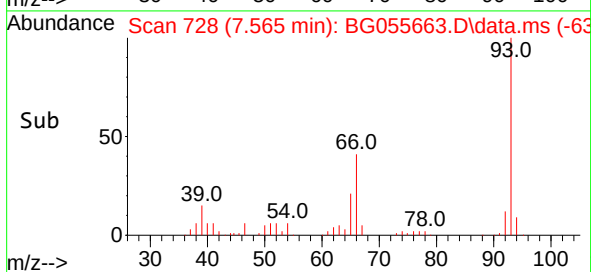
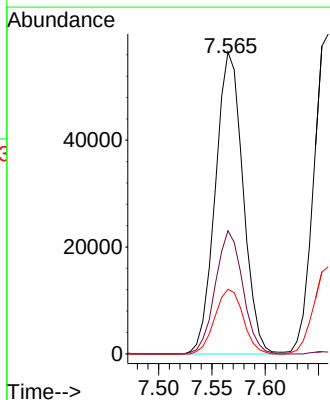
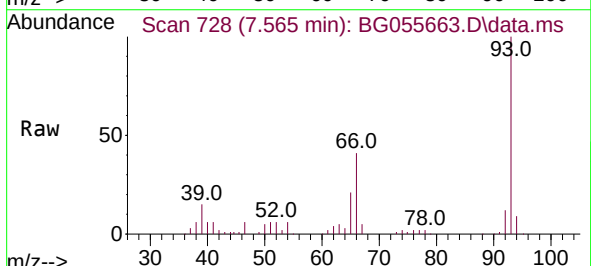
11/18/2022
Supervised By :Jagrut
Upadhyay

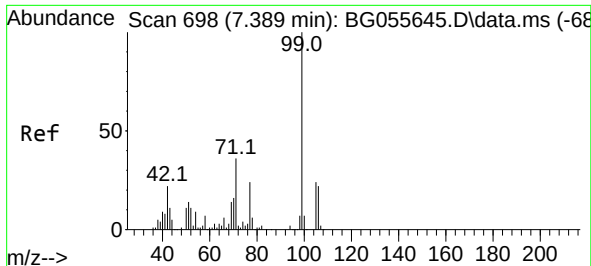
11/18/2022



#6
Aniline
Concen: 31.563 ng
RT: 7.565 min Scan# 728
Delta R.T. -0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

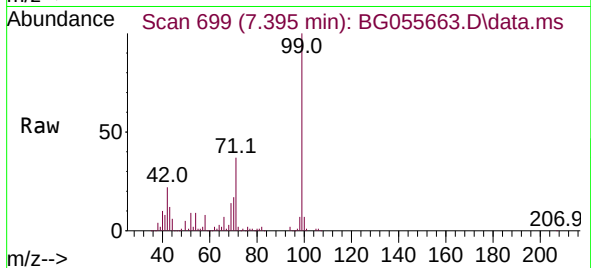
Tgt Ion: 93 Resp: 101882
Ion Ratio Lower Upper
93 100
66 40.8 31.7 47.5
65 21.4 17.9 26.9





#7
Phenol-d6
Concen: 151.573 ng
RT: 7.395 min Scan# 698
Delta R.T. 0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :
BNA_G
ClientSampleId :
PB149019BS



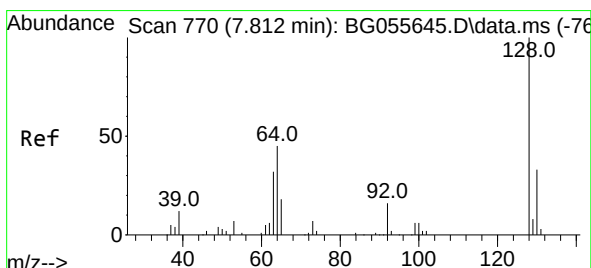
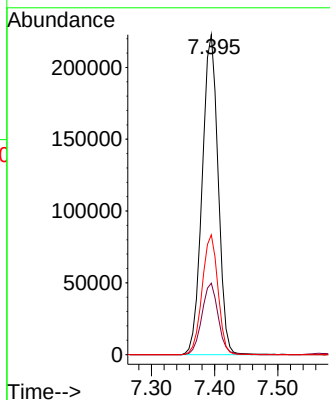
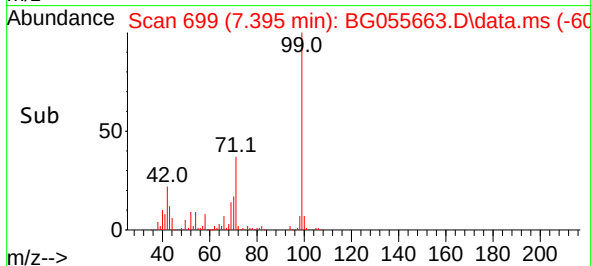
Tgt Ion: 99 Resp: 389523
Ion Ratio Lower Upper
99 100
42 22.3 18.0 27.0
71 37.4 29.0 43.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

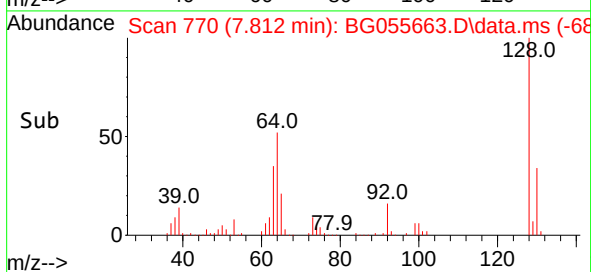
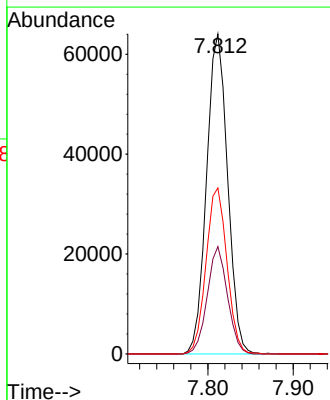
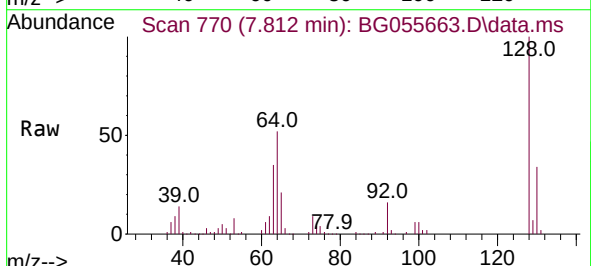
11/18/2022
Supervised By :Jagrut
Upadhyay

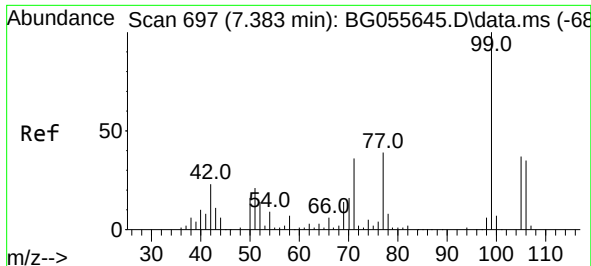
11/18/2022



#8
2-Chlorophenol
Concen: 49.706 ng
RT: 7.812 min Scan# 770
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Tgt Ion:128 Resp: 109700
Ion Ratio Lower Upper
128 100
130 33.6 13.1 53.1
64 51.9 30.2 70.2





#9
Benzaldehyde
Concen: 9.363 ng m
RT: 7.377 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :
BNA_G
ClientSampleId :
PB149019BS

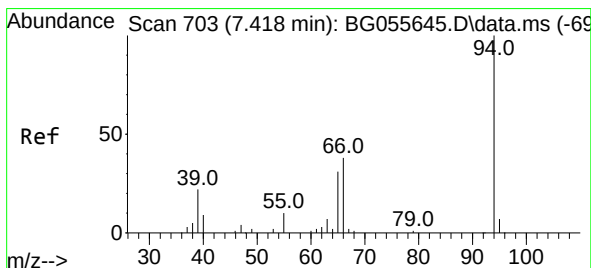
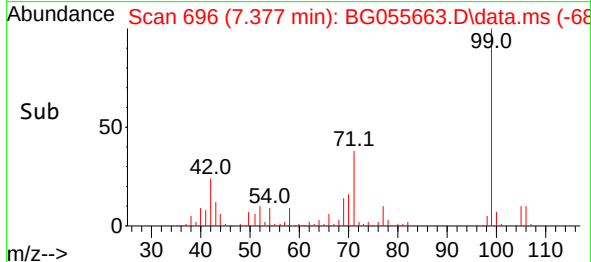
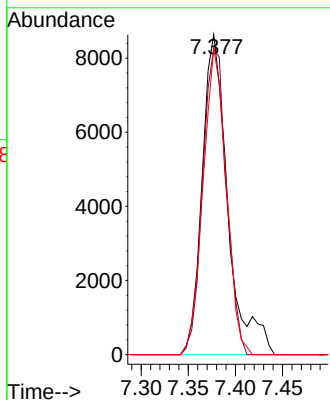
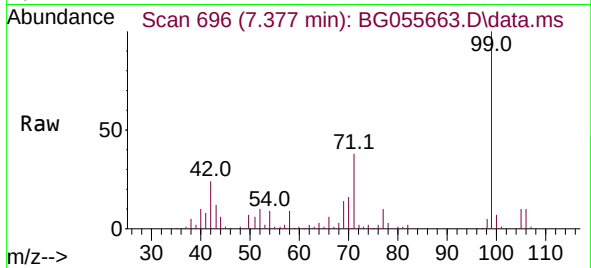
Tgt Ion: 77 Resp: 1634
Ion Ratio Lower Upper
77 100
105 95.6 76.3 116.3
106 95.8 69.8 109.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

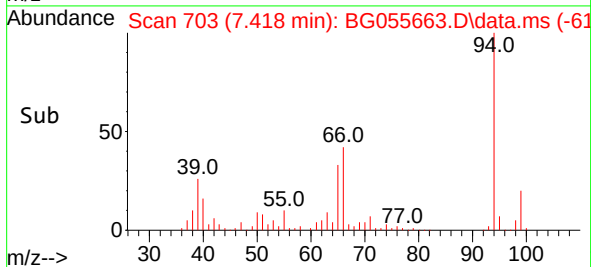
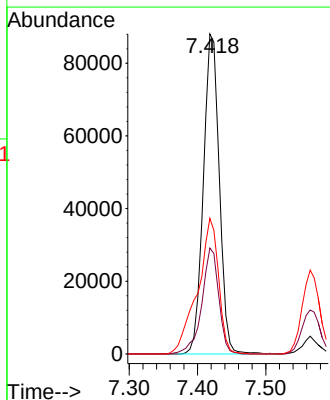
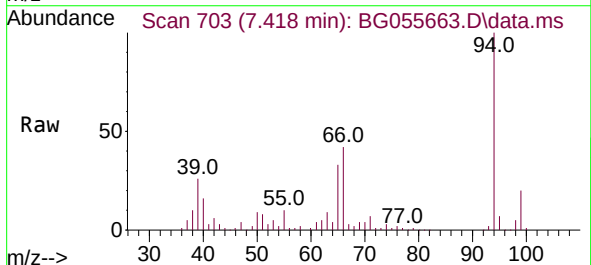
11/18/2022
Supervised By :Jagrut
Upadhyay

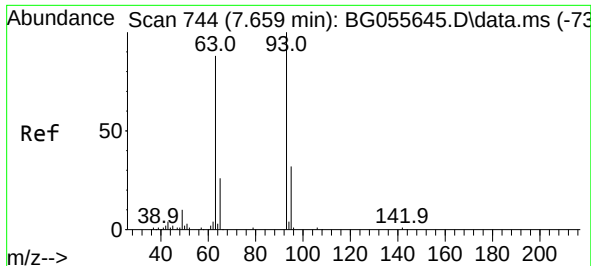
11/18/2022



#10
Phenol
Concen: 49.713 ng
RT: 7.418 min Scan# 703
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Tgt Ion: 94 Resp: 143048
Ion Ratio Lower Upper
94 100
65 33.1 11.8 51.8
66 42.3 20.5 60.5





#11
bis(2-Chloroethyl)ether
Concen: 43.830 ng
RT: 7.659 min Scan# 744
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :
BNA_G
ClientSampleId :
PB149019BS

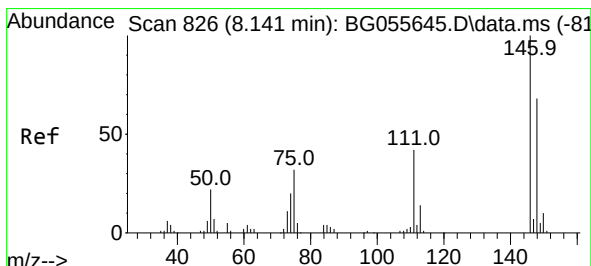
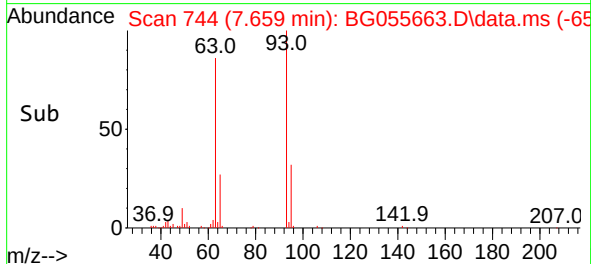
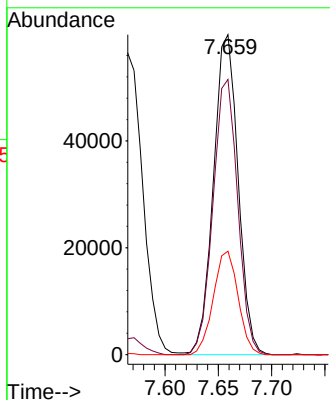
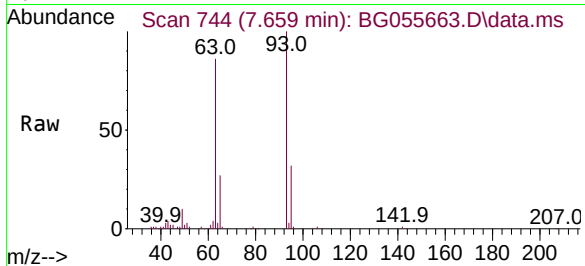
Tgt Ion: 93 Resp: 96653
Ion Ratio Lower Upper
93 100
63 86.0 67.6 107.6
95 32.3 11.8 51.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

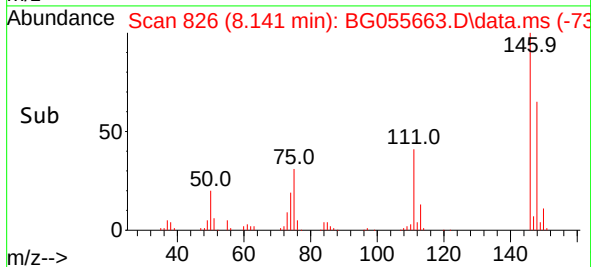
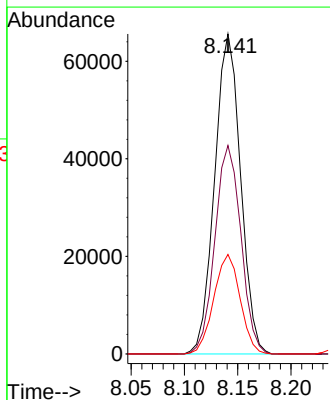
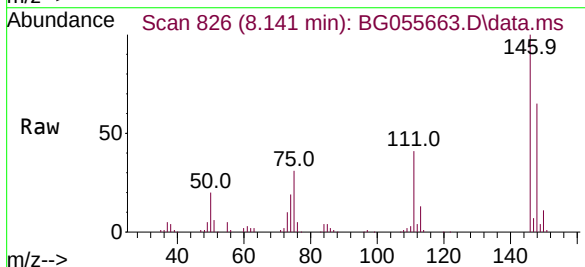
11/18/2022
Supervised By :Jagrut
Upadhyay

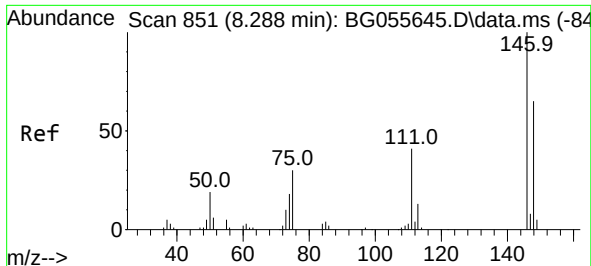
11/18/2022



#12
1,3-Dichlorobenzene
Concen: 42.864 ng
RT: 8.141 min Scan# 826
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Tgt Ion:146 Resp: 111222
Ion Ratio Lower Upper
146 100
148 65.1 54.6 81.8
75 31.1 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 42.786 ng

RT: 8.288 min Scan# 851

Delta R.T. -0.000 min

Lab File: BG055663.D

Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS

Tgt Ion:146 Resp: 112184

Ion Ratio Lower Upper

146 100

148 67.0 52.1 78.1

111 41.7 33.0 49.4

Manual Integrations

APPROVED

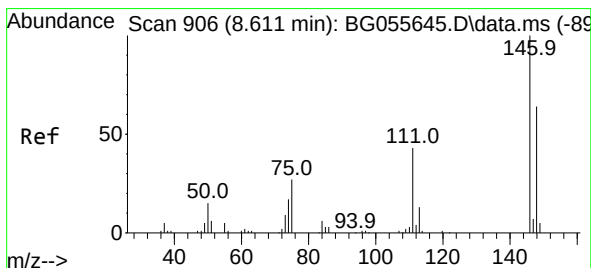
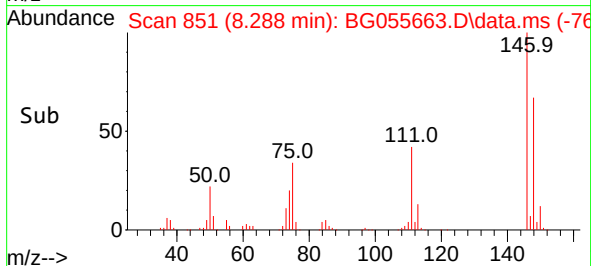
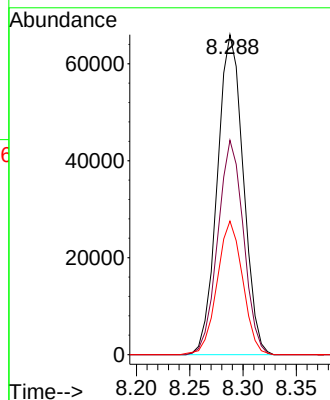
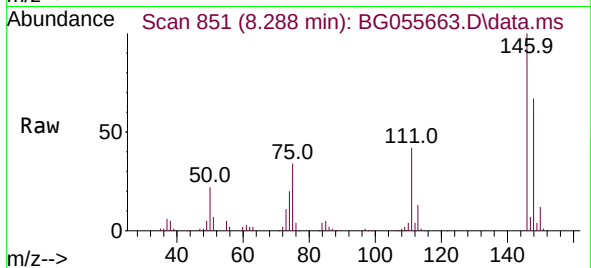
Reviewed By :Christian Giraldo 11/18/2022

Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022

Supervised By :Jagrut Upadhyay

11/18/2022



#14

1,2-Dichlorobenzene

Concen: 43.689 ng

RT: 8.611 min Scan# 906

Delta R.T. -0.000 min

Lab File: BG055663.D

Acq: 17 Nov 2022 12:52

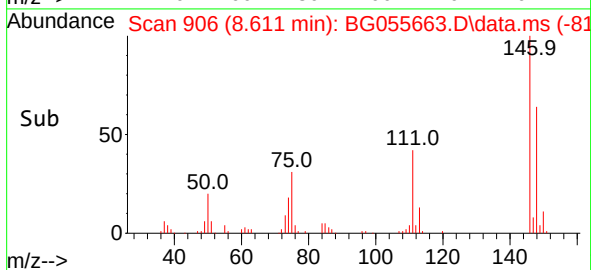
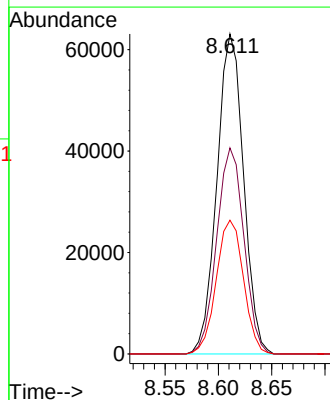
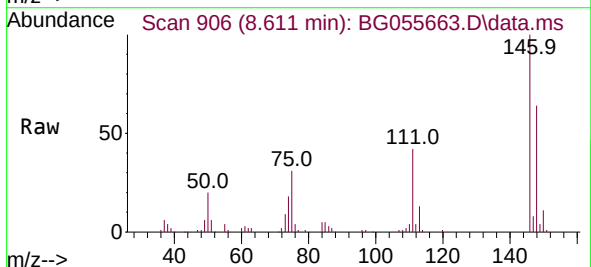
Tgt Ion:146 Resp: 109772

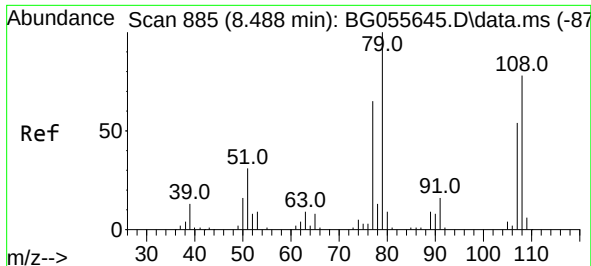
Ion Ratio Lower Upper

146 100

148 64.4 50.9 76.3

111 41.8 34.5 51.7





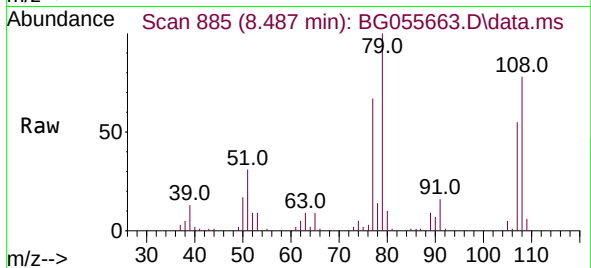
#15
Benzyl Alcohol
Concen: 51.371 ng
RT: 8.487 min Scan# 885
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS



Tgt Ion: 79 Resp: 107292
Ion Ratio Lower Upper
79 100
108 77.7 62.6 93.8
77 66.6 52.4 78.6

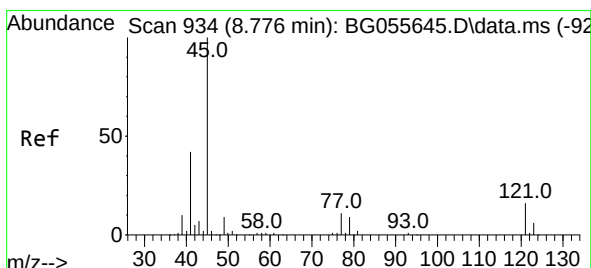
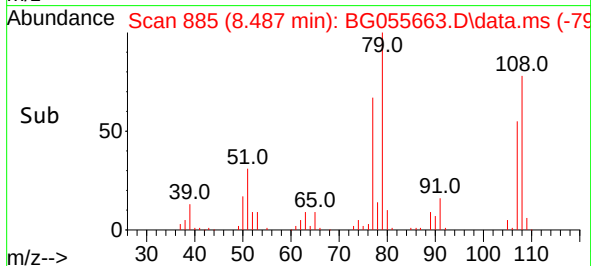
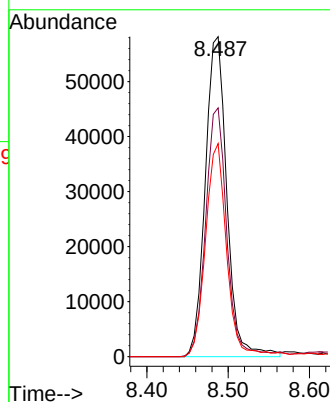
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

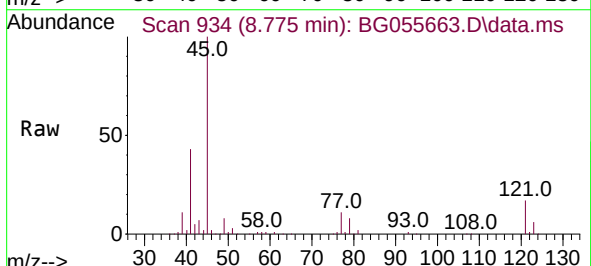
11/18/2022

Supervised By :Jagrut
Upadhyay

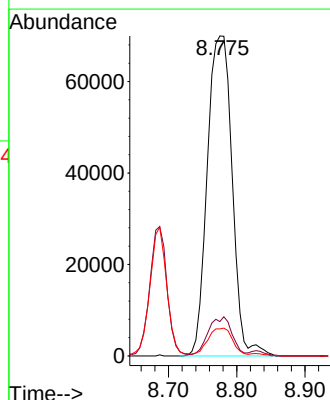
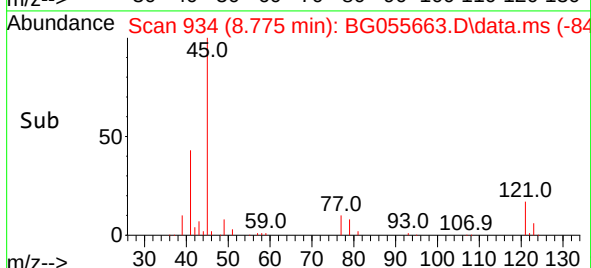
11/18/2022

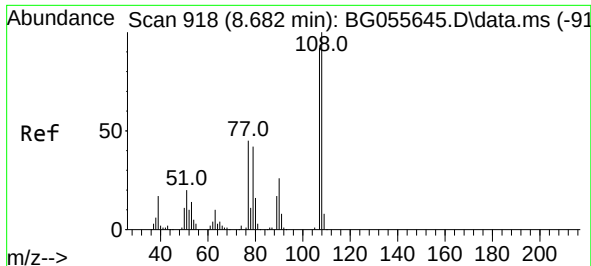


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.235 ng
RT: 8.775 min Scan# 934
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52



Tgt Ion: 45 Resp: 176585
Ion Ratio Lower Upper
45 100
77 10.7 0.0 31.7
79 8.4 0.0 29.5





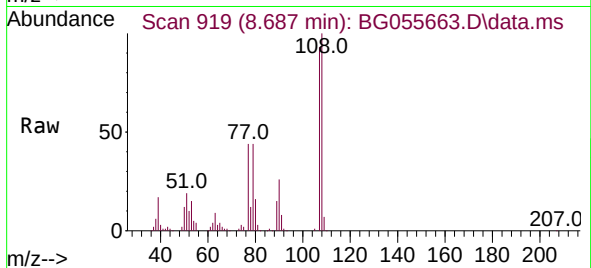
#17
2-Methylphenol
Concen: 50.531 ng
RT: 8.687 min Scan# 918
Delta R.T. 0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS



Tgt Ion:107 Resp: 103230
Ion Ratio Lower Upper
107 100
108 107.4 87.3 130.9
77 46.9 39.4 59.0
79 46.7 37.3 55.9

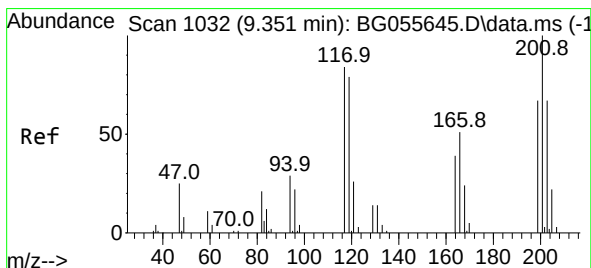
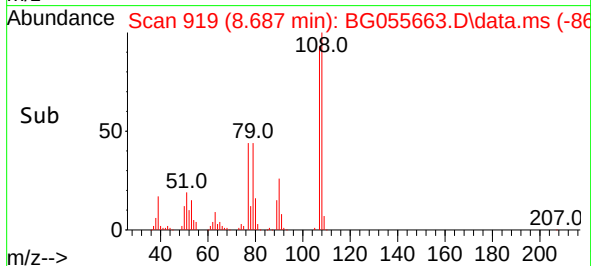
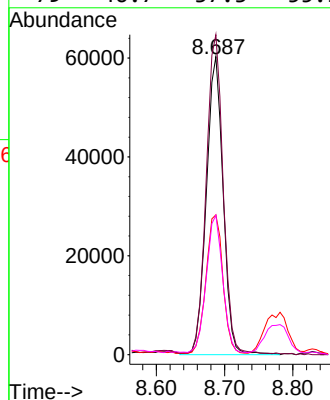
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022

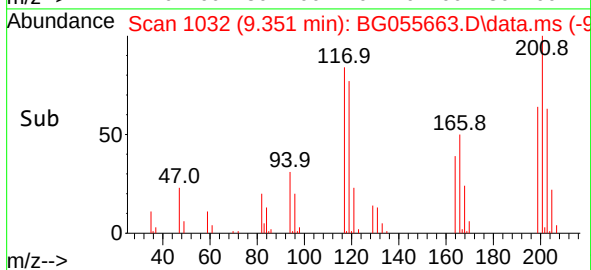
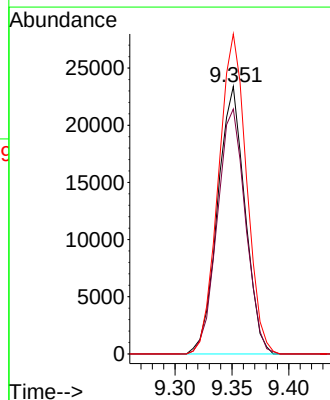
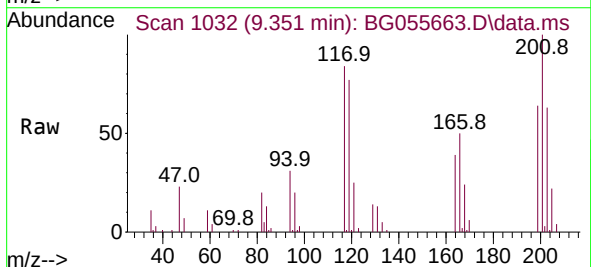
Supervised By :Jagrut
Upadhyay

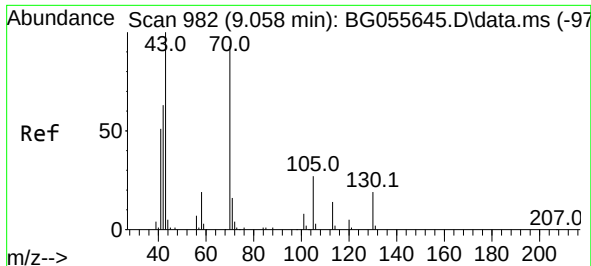
11/18/2022



#18
Hexachloroethane
Concen: 43.334 ng
RT: 9.351 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

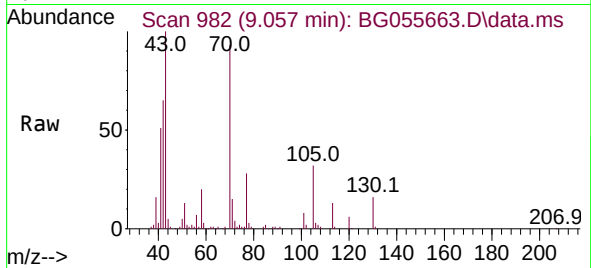
Tgt Ion:117 Resp: 39107
Ion Ratio Lower Upper
117 100
119 91.6 76.0 114.0
201 119.7 98.6 148.0





#19
n-Nitroso-di-n-propylamine
Concen: 44.784 ng
RT: 9.057 min Scan# 982
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :
BNA_G
ClientSampleId :
PB149019BS



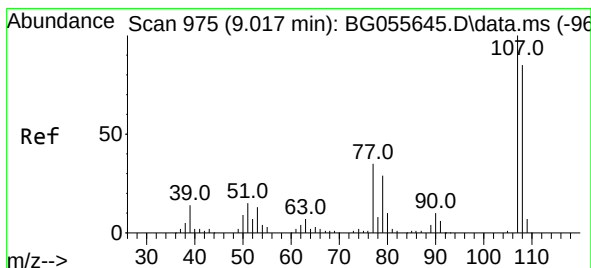
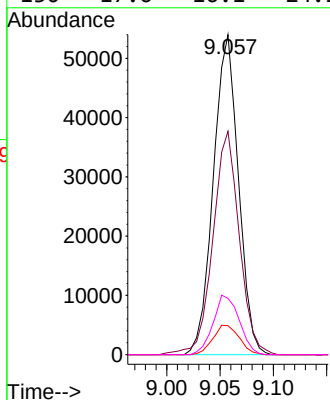
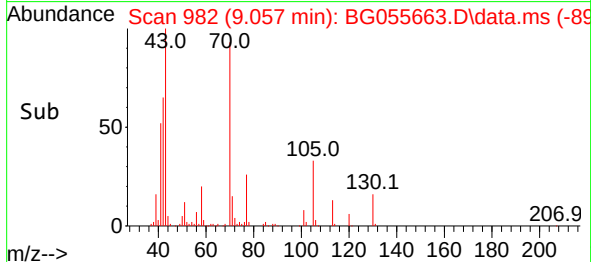
Tgt Ion: 70 Resp: 8842
Ion Ratio Lower Upper
70 100
42 69.8 55.2 82.8
101 9.0 7.1 10.7
130 17.6 16.1 24.1

Manual Integrations
APPROVED

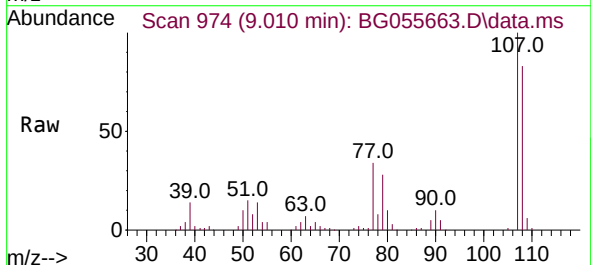
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022
Supervised By :Jagrut
Upadhyay

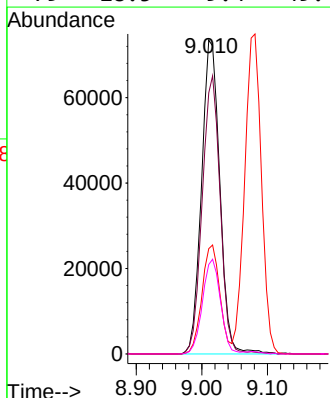
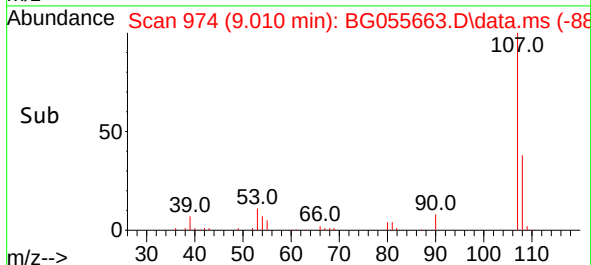
11/18/2022

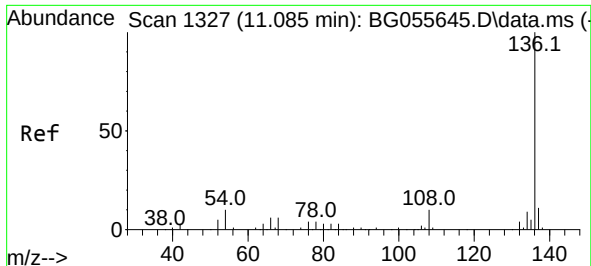


#20
3+4-Methylphenols
Concen: 49.697 ng
RT: 9.010 min Scan# 974
Delta R.T. -0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52



Tgt Ion:107 Resp: 141825
Ion Ratio Lower Upper
107 100
108 83.2 65.5 105.5
77 33.6 14.6 54.6
79 28.5 9.4 49.4





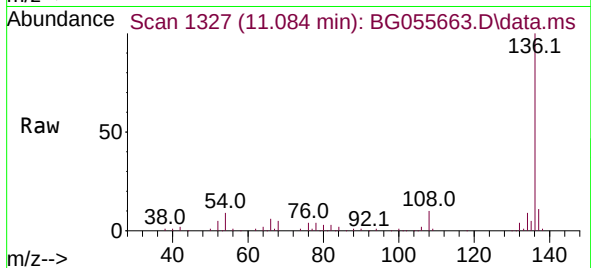
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.084 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS



Tgt Ion:136 Resp: 162260
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.3 7.8 11.6
68 5.3 5.0 7.4

Manual Integrations

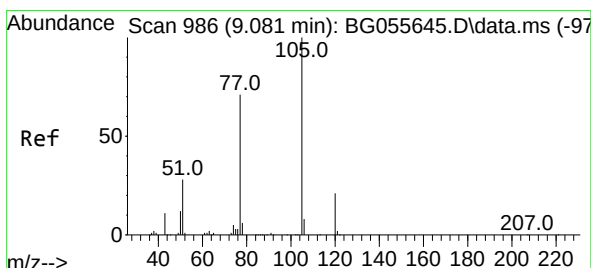
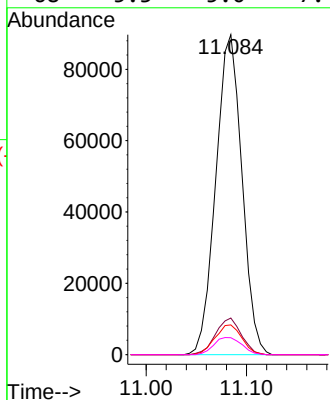
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022

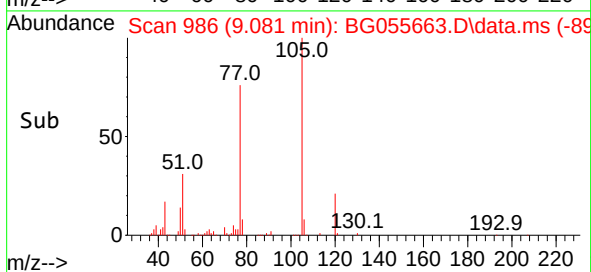
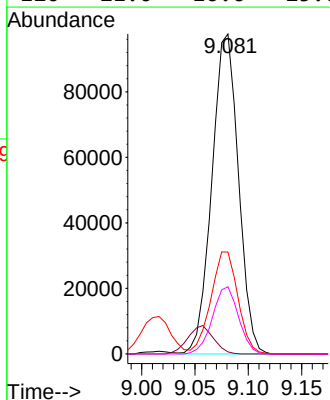
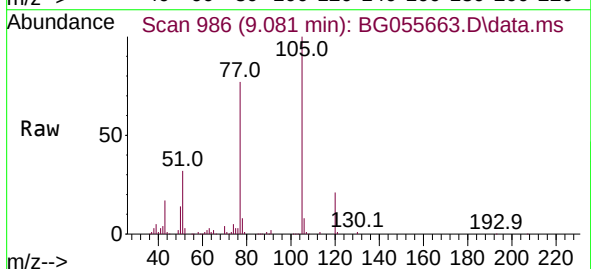
Supervised By :Jagrut Upadhyay

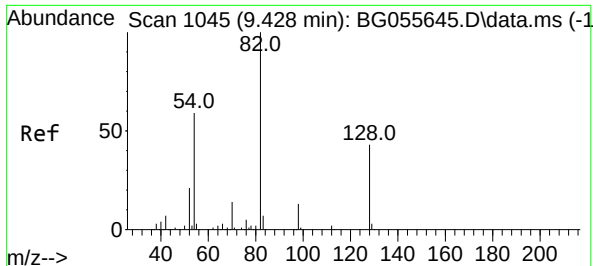
11/18/2022



#22
Acetophenone
Concen: 40.193 ng
RT: 9.081 min Scan# 986
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Tgt Ion:105 Resp: 169466
Ion Ratio Lower Upper
105 100
71 0.6 0.6 1.0#
51 31.8 24.5 36.7
120 21.0 16.6 25.0





#23

Nitrobenzene-d5

Concen: 76.655 ng

RT: 9.428 min Scan# 1045

Delta R.T. -0.000 min

Lab File: BG055663.D

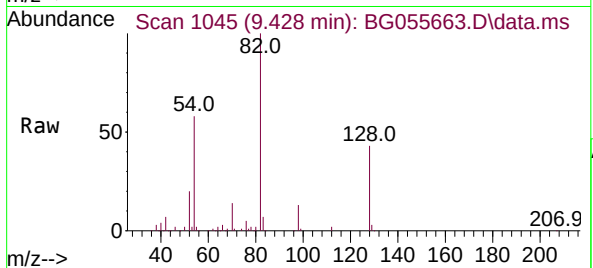
Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS



Tgt Ion:	82	Resp:	235324
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.1	51.1
54	58.2	47.3	70.9

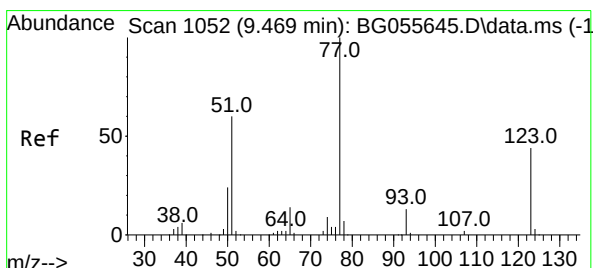
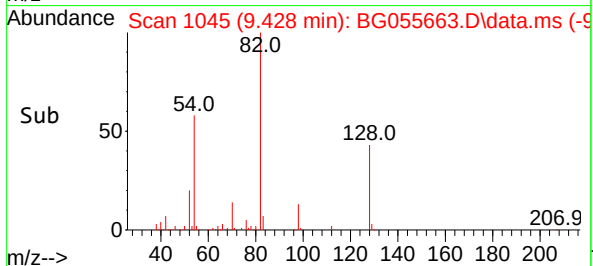
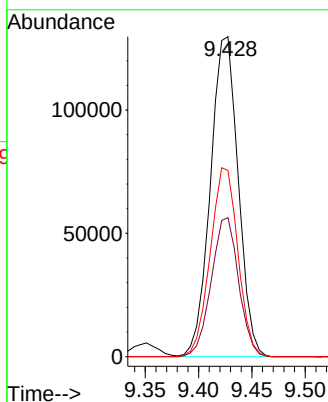
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022

Supervised By :Jagrut
Upadhyay

11/18/2022



#24

Nitrobenzene

Concen: 39.515 ng

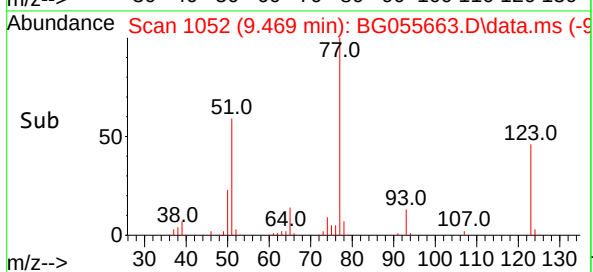
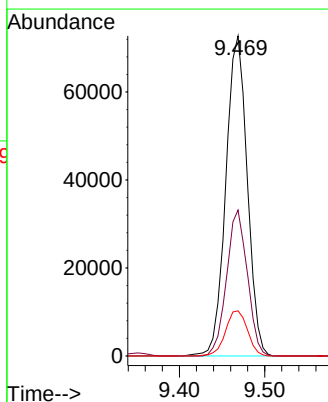
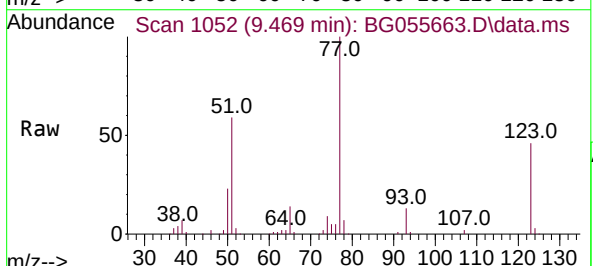
RT: 9.469 min Scan# 1052

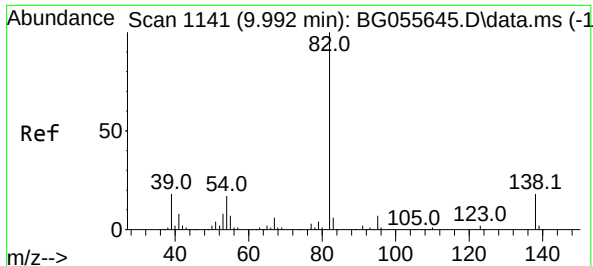
Delta R.T. -0.000 min

Lab File: BG055663.D

Acq: 17 Nov 2022 12:52

Tgt Ion:	77	Resp:	126708
Ion	Ratio	Lower	Upper
77	100		
123	45.6	35.5	53.3
65	14.1	11.5	17.3





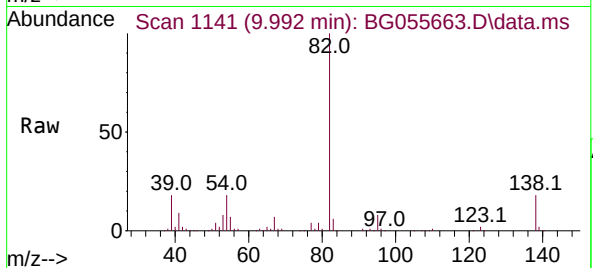
#25
Isophorone
Concen: 42.896 ng
RT: 9.992 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS



Tgt Ion: 82 Resp: 249513
Ion Ratio Lower Upper
82 100
95 7.6 5.5 8.3
138 18.3 14.2 21.4

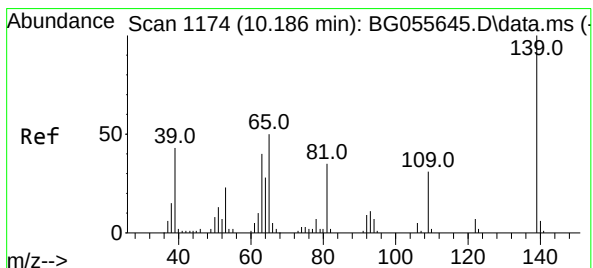
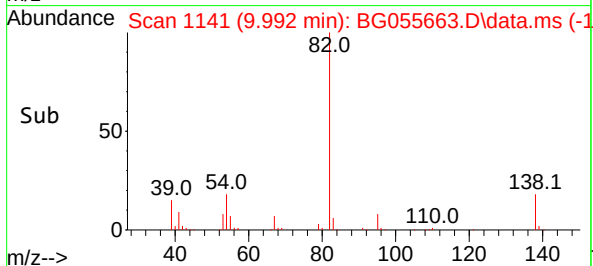
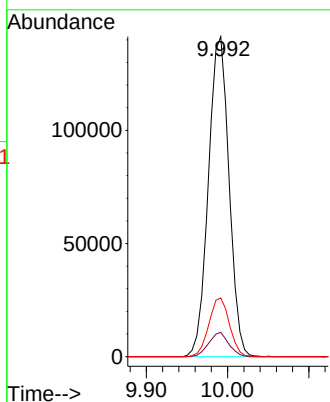
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022

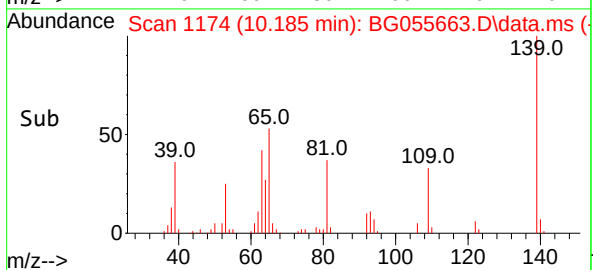
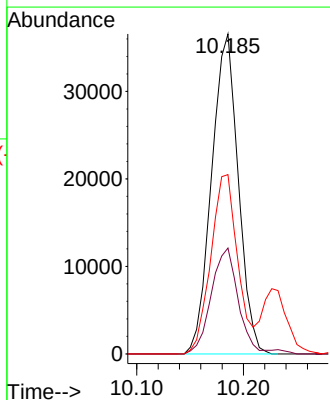
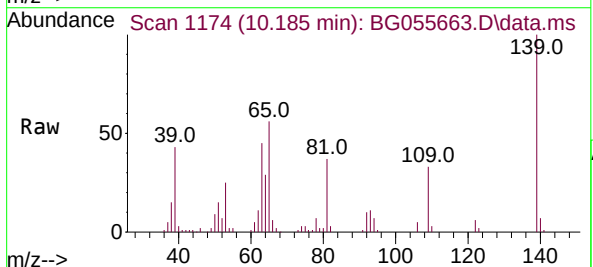
Supervised By :Jagrut
Upadhyay

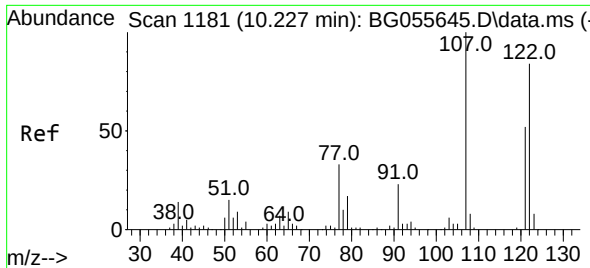
11/18/2022



#26
2-Nitrophenol
Concen: 42.965 ng
RT: 10.185 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Tgt Ion:139 Resp: 63600
Ion Ratio Lower Upper
139 100
109 33.1 24.4 36.6
65 56.0 40.2 60.2





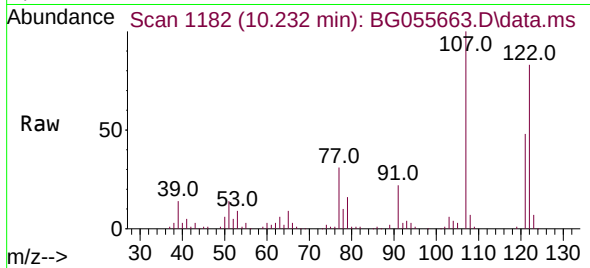
#27
2,4-Dimethylphenol
Concen: 52.216 ng
RT: 10.232 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS



Tgt Ion:122 Resp: 117638
Ion Ratio Lower Upper
122 100
107 120.3 95.8 143.6
121 57.5 49.6 74.4

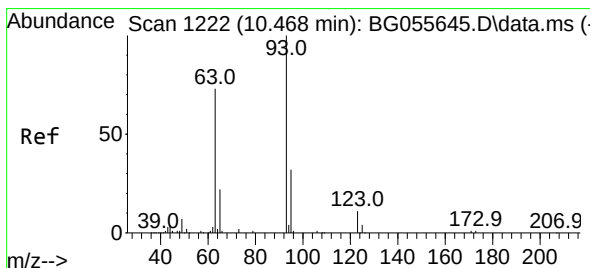
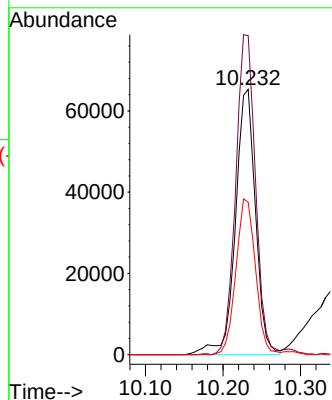
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022

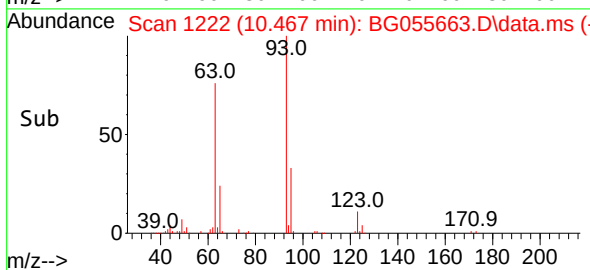
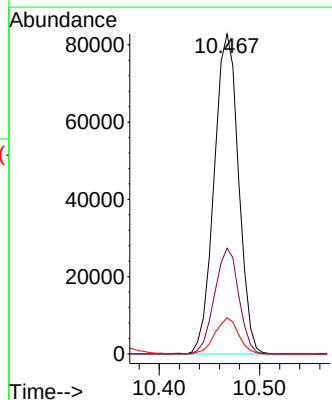
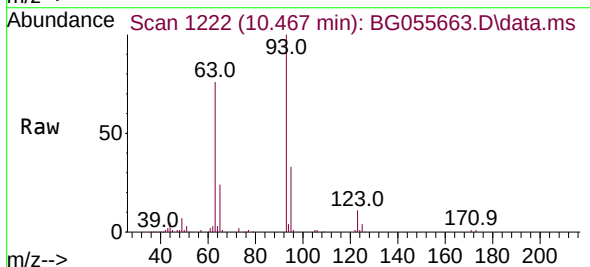
Supervised By :Jagrut
Upadhyay

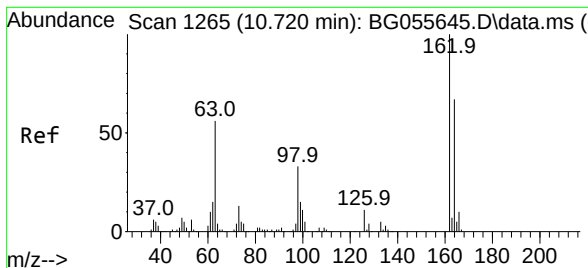
11/18/2022



#28
bis(2-Chloroethoxy)methane
Concen: 44.804 ng
RT: 10.467 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

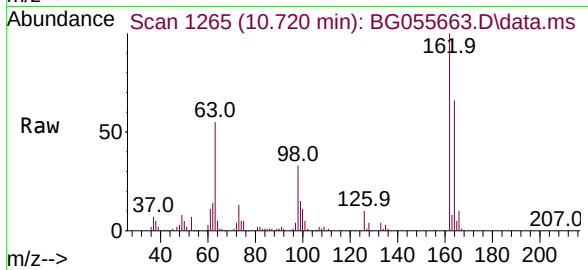
Tgt Ion: 93 Resp: 139909
Ion Ratio Lower Upper
93 100
95 33.0 25.7 38.5
123 11.3 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 45.747 ng
RT: 10.720 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :
BNA_G
ClientSampleId :
PB149019BS



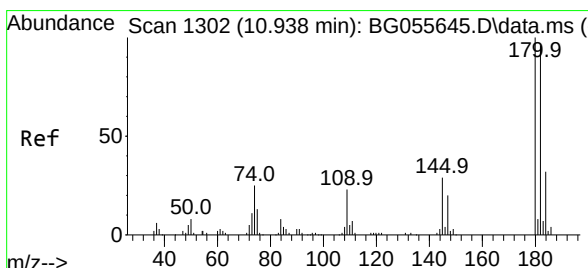
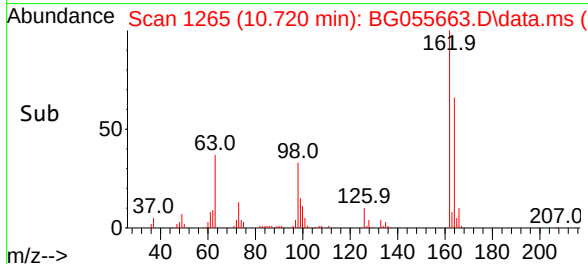
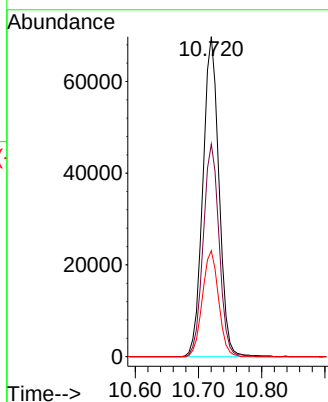
Tgt Ion:162 Resp: 123360
Ion Ratio Lower Upper
162 100
164 66.4 46.7 86.7
98 33.1 12.8 52.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

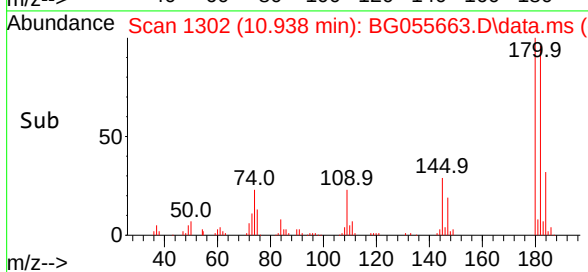
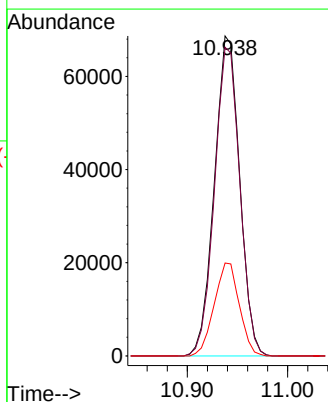
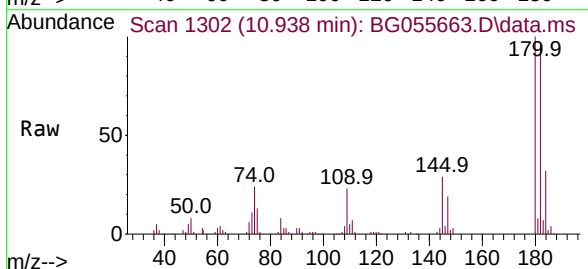
11/18/2022
Supervised By :Jagrut
Upadhyay

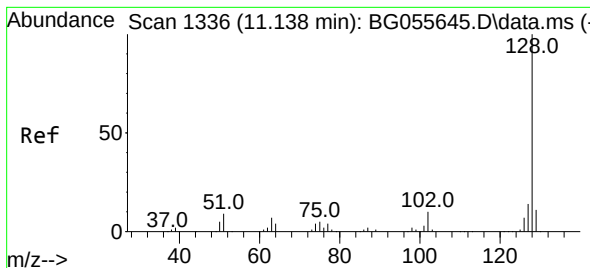
11/18/2022



#30
1,2,4-Trichlorobenzene
Concen: 38.408 ng
RT: 10.938 min Scan# 1302
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

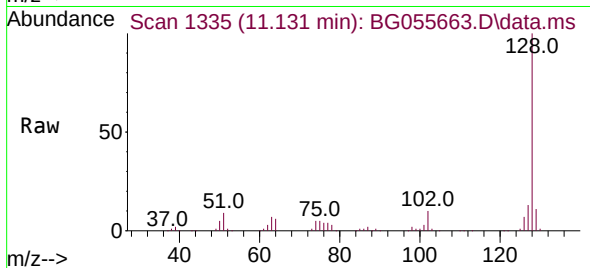
Tgt Ion:180 Resp: 120326
Ion Ratio Lower Upper
180 100
182 96.4 77.1 115.7
145 29.0 22.9 34.3





#31
Naphthalene
Concen: 38.666 ng
RT: 11.131 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :
BNA_G
ClientSampleId :
PB149019BS



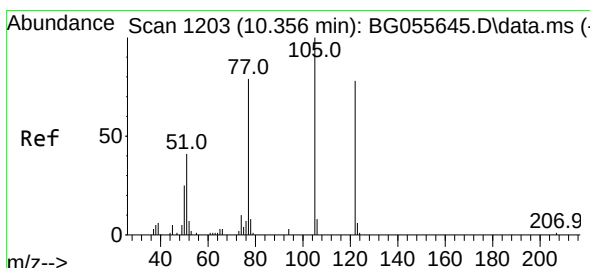
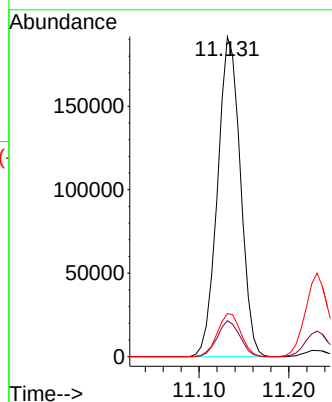
Tgt Ion:128 Resp: 339162
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.9 16.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

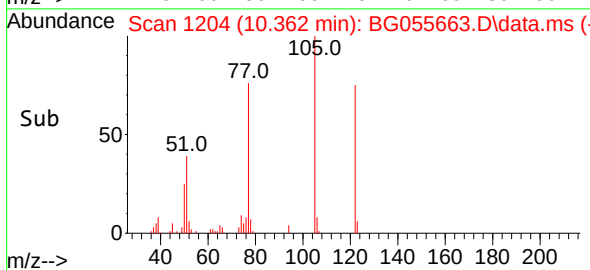
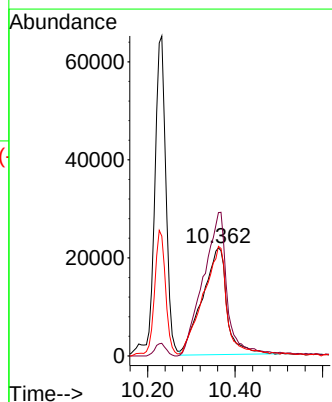
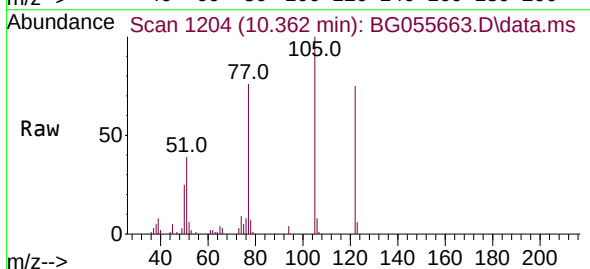
11/18/2022
Supervised By :Jagrut
Upadhyay

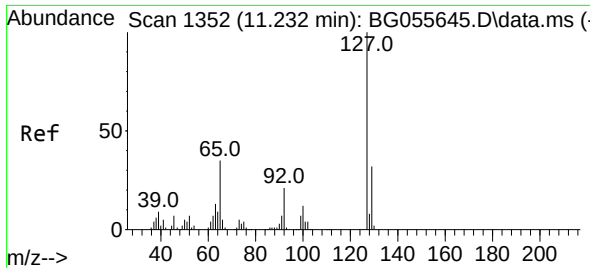
11/18/2022



#32
Benzoic acid
Concen: 46.054 ng
RT: 10.362 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Tgt Ion:122 Resp: 85364
Ion Ratio Lower Upper
122 100
105 132.5 104.3 144.3
77 101.3 79.9 119.9





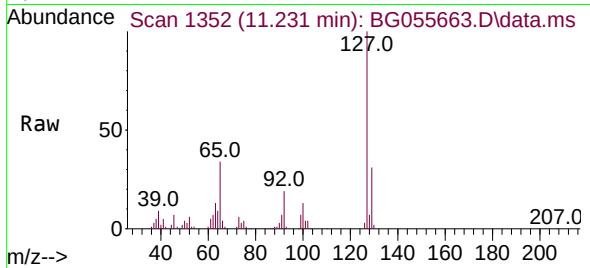
#33
4-Chloroaniline
Concen: 24.789 ng
RT: 11.231 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS



Tgt Ion:127 Resp: 89696
Ion Ratio Lower Upper
127 100
129 30.6 25.9 38.9
65 33.5 27.9 41.9
92 18.6 16.8 25.2

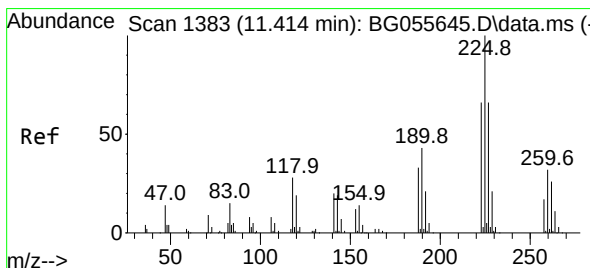
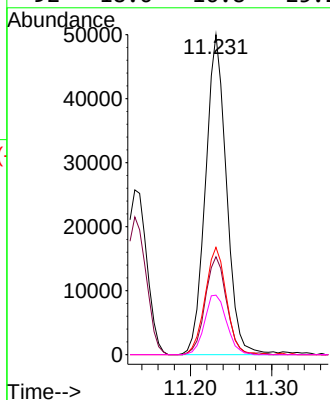
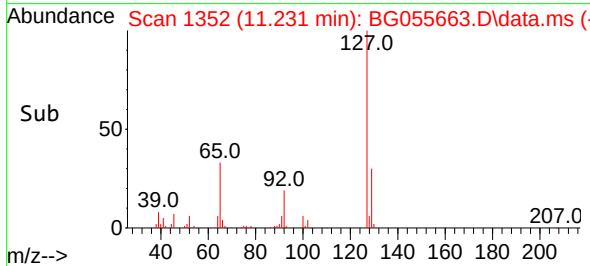
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

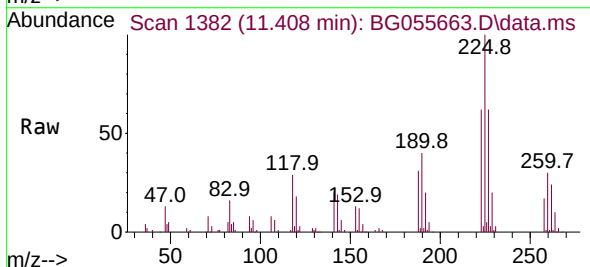
11/18/2022

Supervised By :Jagrut
Upadhyay

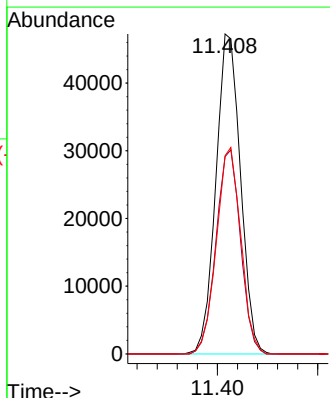
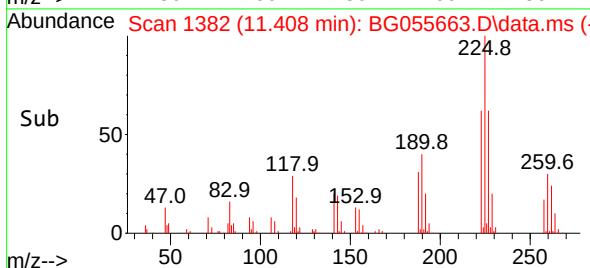
11/18/2022

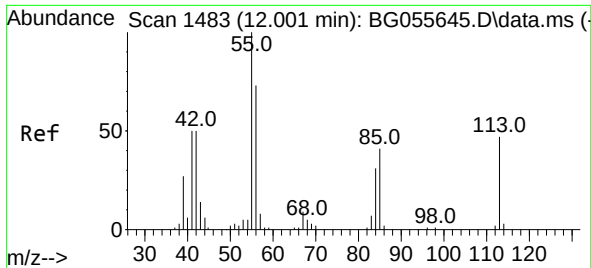


#34
Hexachlorobutadiene
Concen: 37.676 ng
RT: 11.408 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52



Tgt Ion:225 Resp: 80595
Ion Ratio Lower Upper
225 100
223 61.6 52.9 79.3
227 61.9 52.6 79.0





#35
Caprolactam
Concen: 46.773 ng m
RT: 12.007 min Scan# 1483
Delta R.T. 0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :
BNA_G
ClientSampleId :
PB149019BS

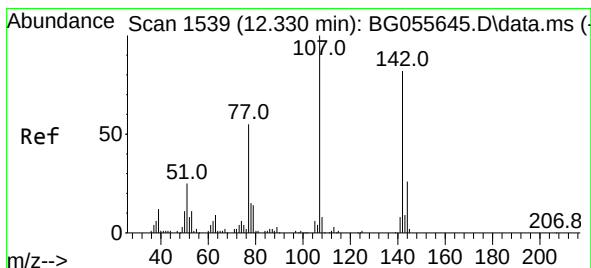
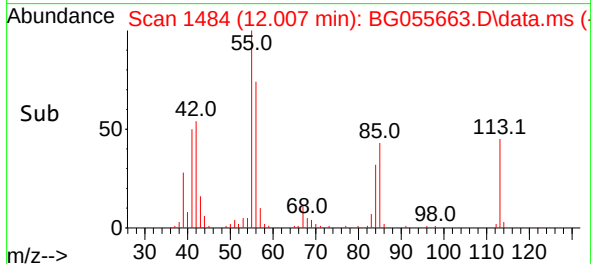
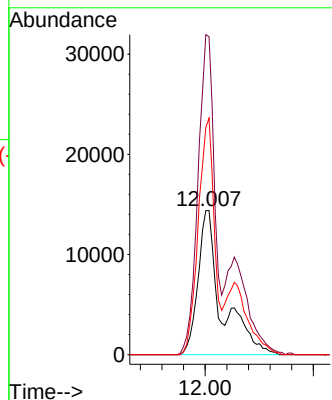
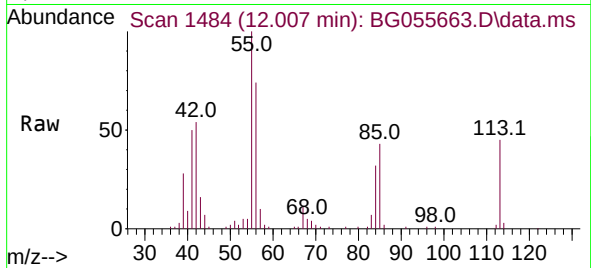
Tgt Ion:113 Resp: 43646
Ion Ratio Lower Upper
113 100
55 220.6 193.5 233.5
56 164.0 135.2 175.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

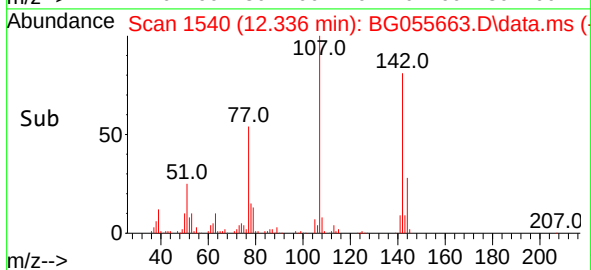
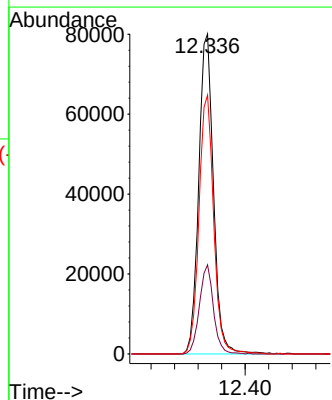
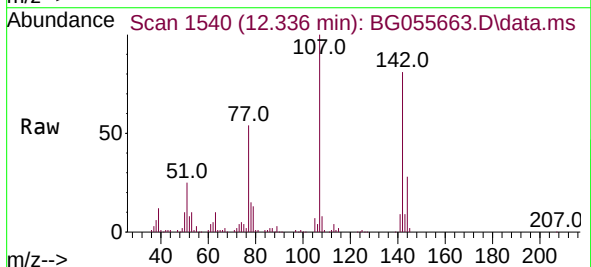
11/18/2022
Supervised By :Jagrut
Upadhyay

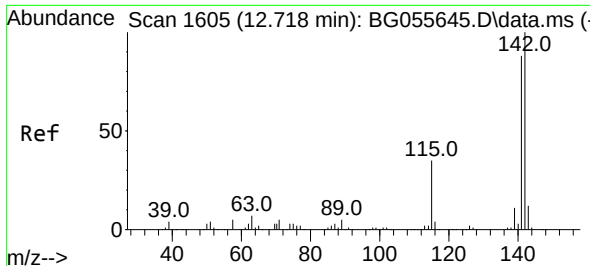
11/18/2022



#36
4-Chloro-3-methylphenol
Concen: 46.934 ng
RT: 12.336 min Scan# 1540
Delta R.T. 0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

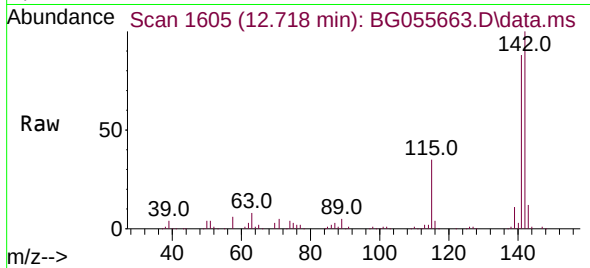
Tgt Ion:107 Resp: 139103
Ion Ratio Lower Upper
107 100
144 27.8 21.0 31.4
142 80.9 65.9 98.9





#37
2-Methylnaphthalene
Concen: 40.540 ng
RT: 12.718 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :
BNA_G
ClientSampleId :
PB149019BS



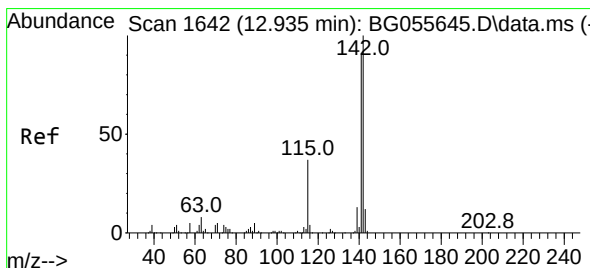
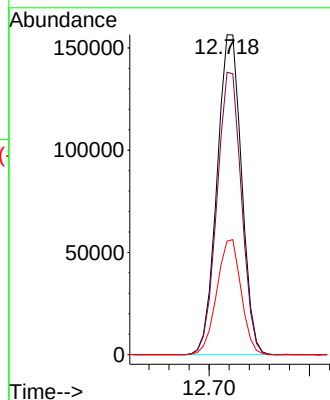
Tgt Ion:142 Resp: 266253
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5
115 35.5 27.9 41.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

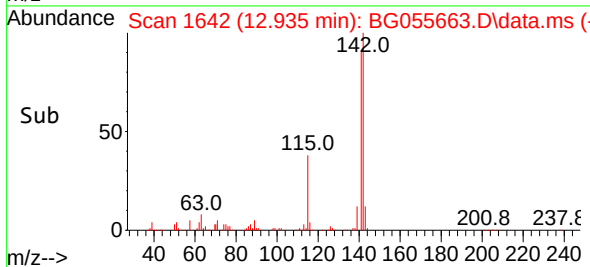
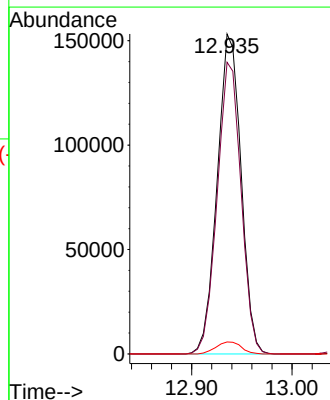
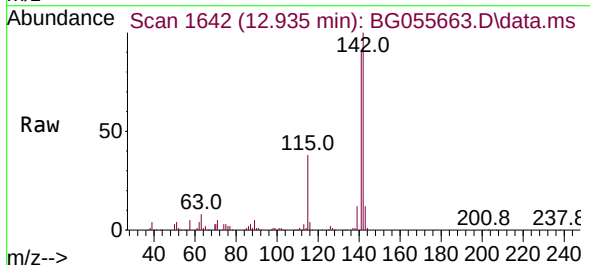
11/18/2022
Supervised By :Jagrut
Upadhyay

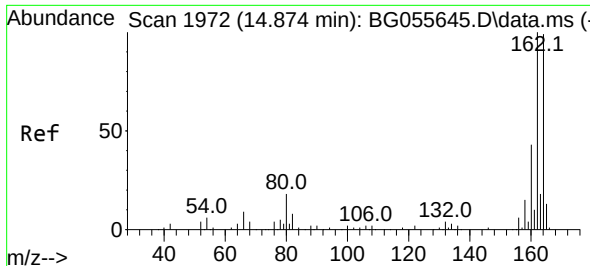
11/18/2022



#38
1-Methylnaphthalene
Concen: 39.680 ng
RT: 12.935 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Tgt Ion:142 Resp: 252988
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.4
116 3.7 3.1 4.7





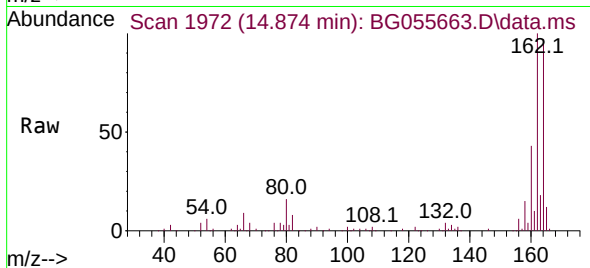
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS



Tgt Ion:164 Resp: 128027
Ion Ratio Lower Upper
164 100
162 103.5 81.1 121.7
160 44.6 34.8 52.2

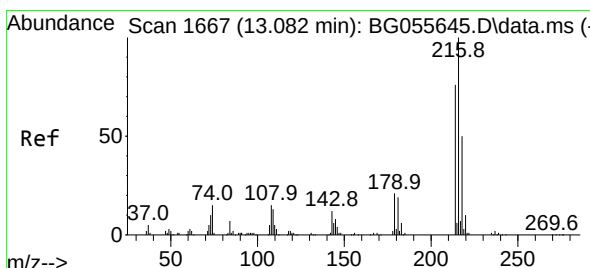
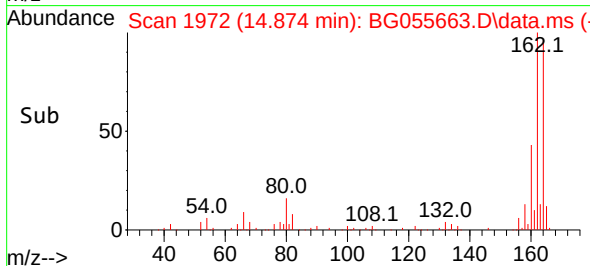
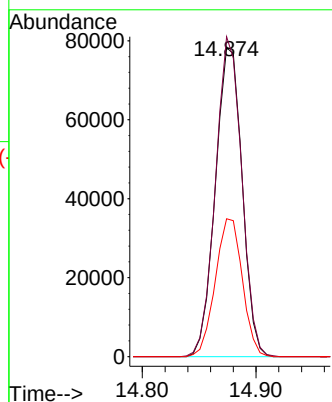
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022

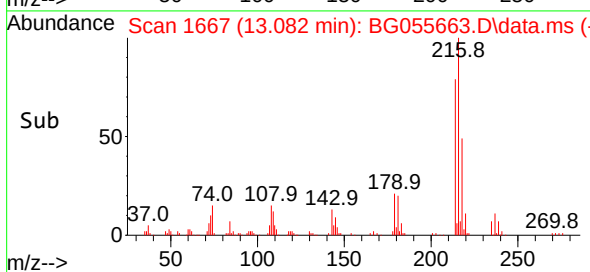
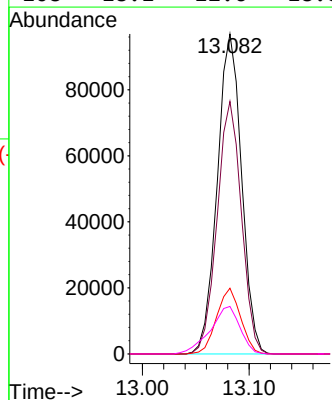
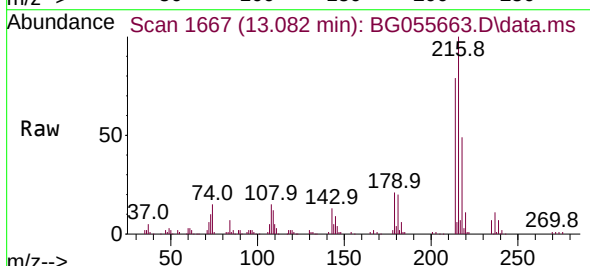
Supervised By :Jagrut
Upadhyay

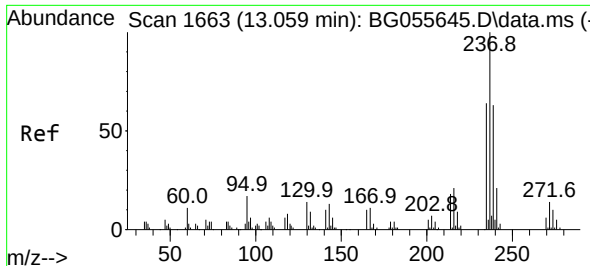
11/18/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.194 ng
RT: 13.082 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

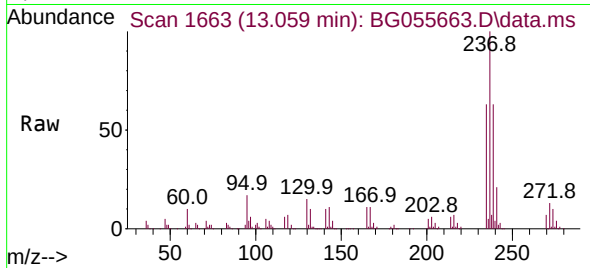
Tgt Ion:216 Resp: 153667
Ion Ratio Lower Upper
216 100
214 78.5 62.1 93.1
179 20.2 16.5 24.7
108 18.1 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 95.474 ng
RT: 13.059 min Scan# 1663
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :
BNA_G
ClientSampleId :
PB149019BS



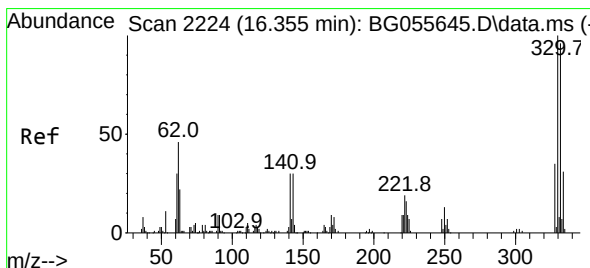
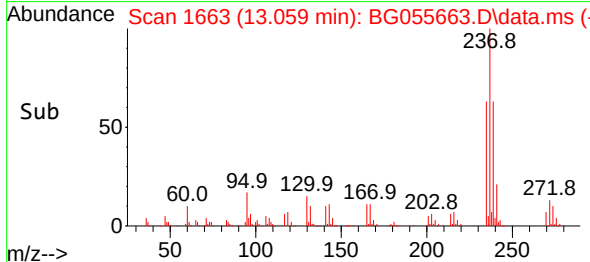
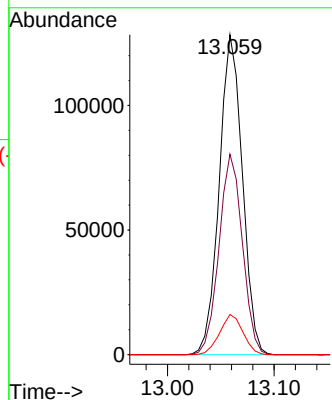
Tgt Ion:237 Resp: 193599
Ion Ratio Lower Upper
237 100
235 62.6 43.7 83.7
272 12.5 0.0 33.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

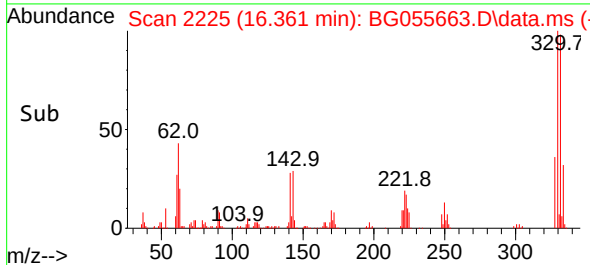
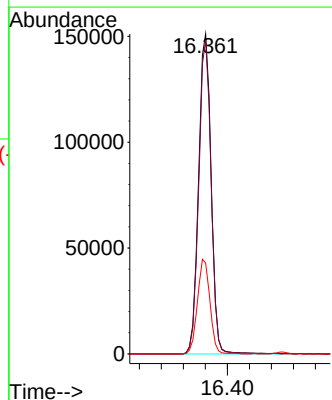
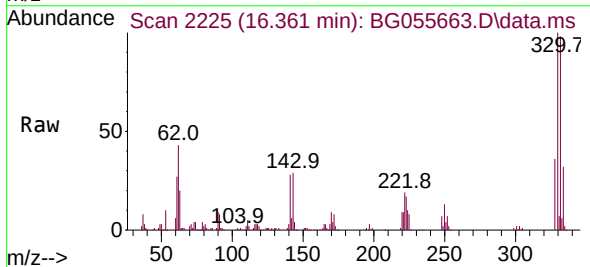
11/18/2022
Supervised By :Jagrut
Upadhyay

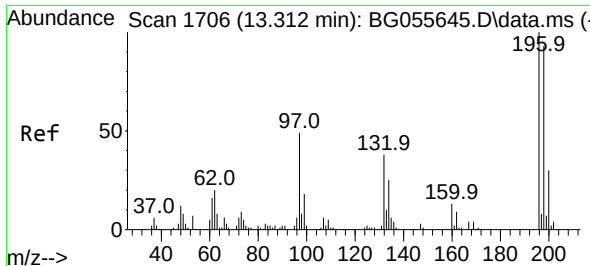
11/18/2022



#42
2,4,6-Tribromophenol
Concen: 132.219 ng
RT: 16.361 min Scan# 2225
Delta R.T. 0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Tgt Ion:330 Resp: 238362
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 29.5 23.9 35.9





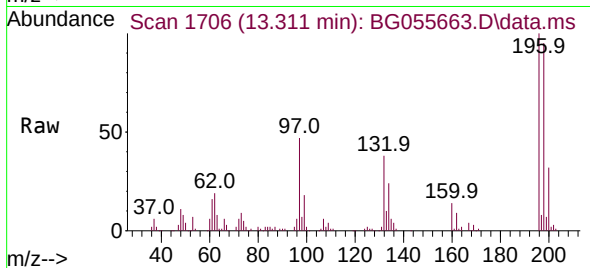
#43
2,4,6-Trichlorophenol
Concen: 41.591 ng
RT: 13.311 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS



Tgt Ion:196 Resp: 114144
Ion Ratio Lower Upper
196 100
198 94.7 74.6 112.0
200 31.8 23.7 35.5

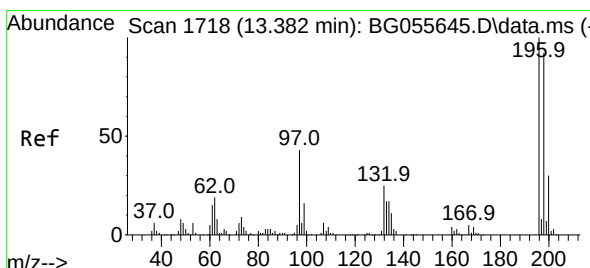
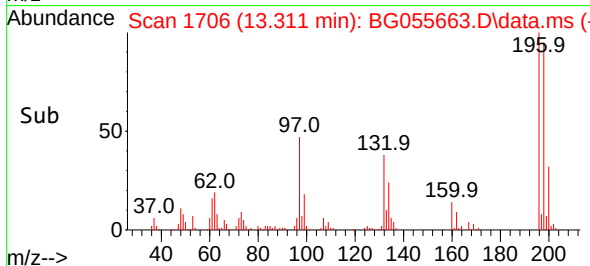
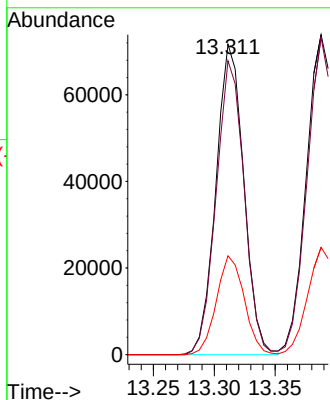
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022

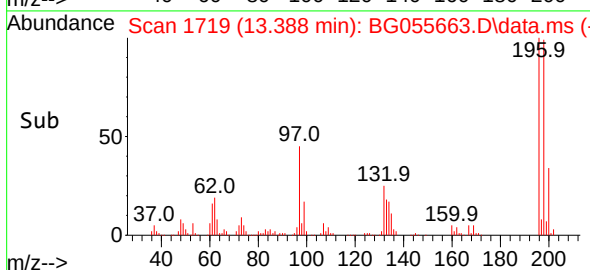
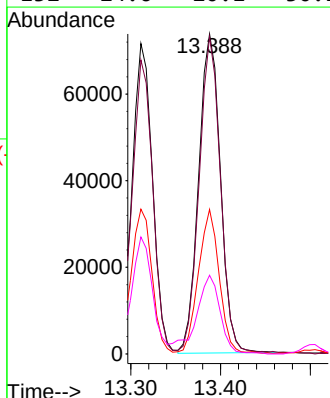
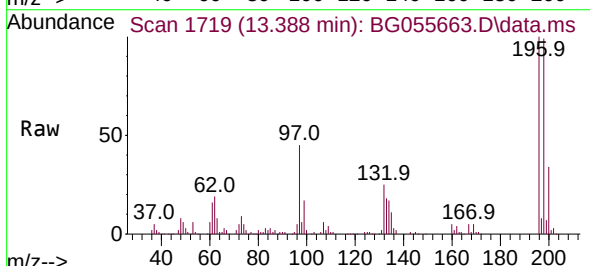
Supervised By :Jagrut
Upadhyay

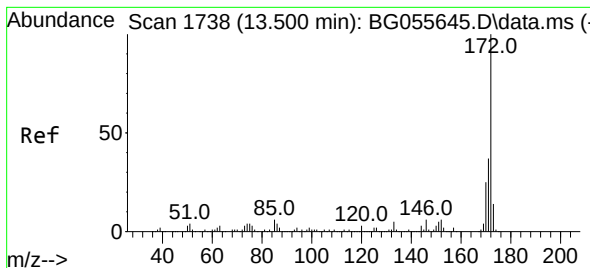
11/18/2022



#44
2,4,5-Trichlorophenol
Concen: 41.314 ng
RT: 13.388 min Scan# 1719
Delta R.T. 0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Tgt Ion:196 Resp: 124601
Ion Ratio Lower Upper
196 100
198 99.1 74.1 111.1
97 45.1 34.8 52.2
132 24.6 20.1 30.1





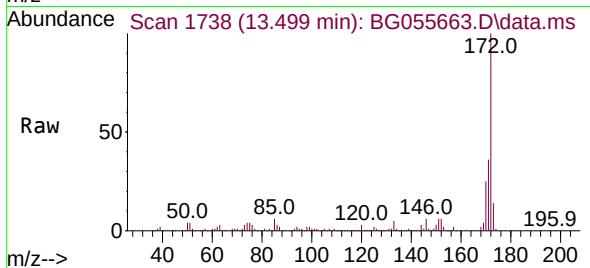
#45
2-Fluorobiphenyl
Concen: 73.779 ng
RT: 13.499 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS



Tgt Ion:172 Resp: 630503
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 25.2 20.2 30.4

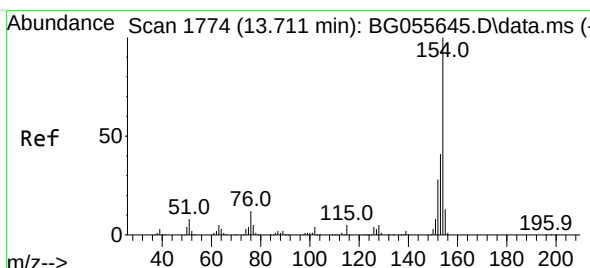
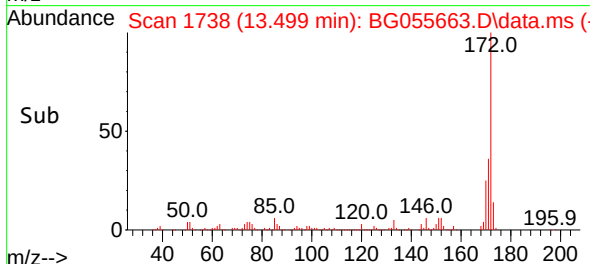
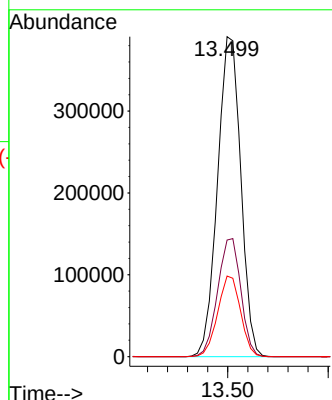
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022

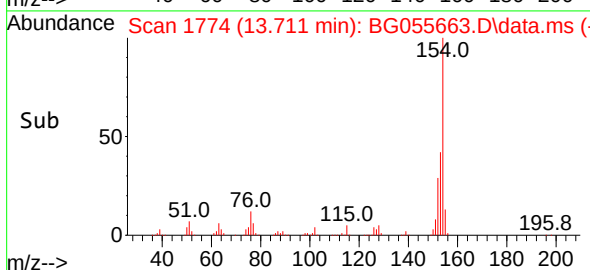
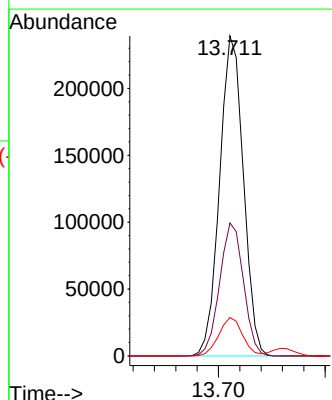
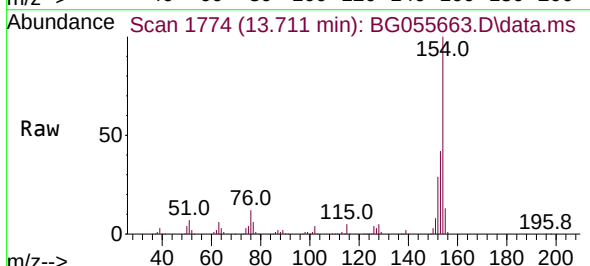
Supervised By :Jagrut
Upadhyay

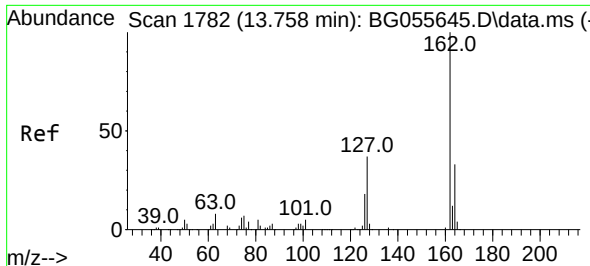
11/18/2022



#46
1,1'-Biphenyl
Concen: 39.738 ng
RT: 13.711 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Tgt Ion:154 Resp: 370734
Ion Ratio Lower Upper
154 100
153 41.6 20.6 60.6
76 12.0 0.0 32.4





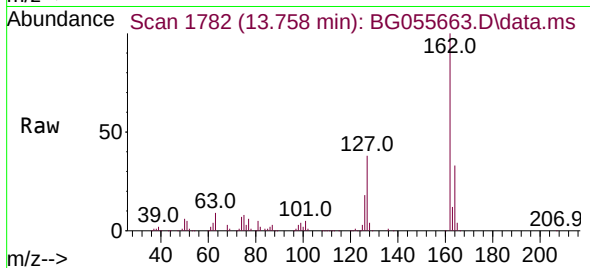
#47
2-Chloronaphthalene
Concen: 39.147 ng
RT: 13.758 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS



Tgt Ion:162 Resp: 283878
Ion Ratio Lower Upper
162 100
127 37.9 29.9 44.9
164 32.7 26.4 39.6

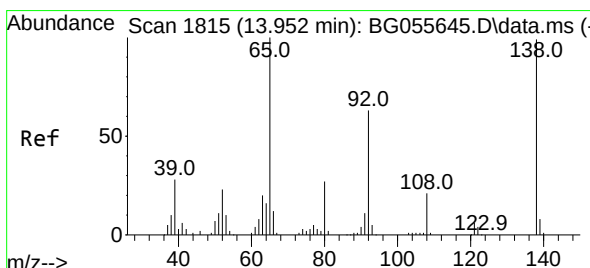
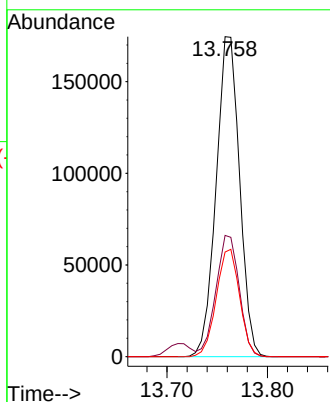
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022

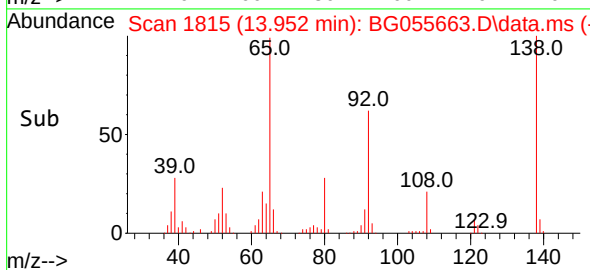
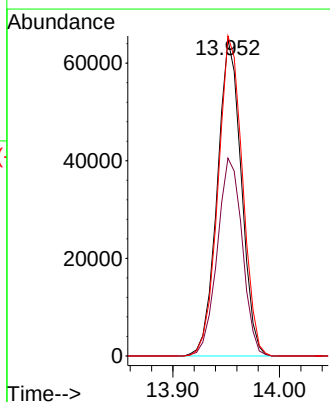
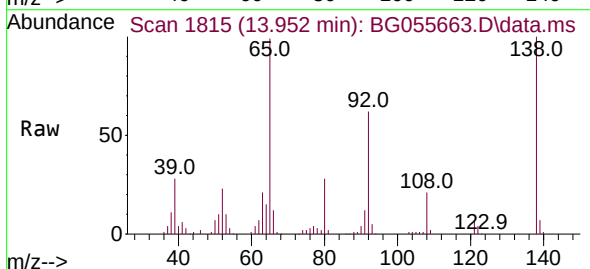
Supervised By :Jagrut
Upadhyay

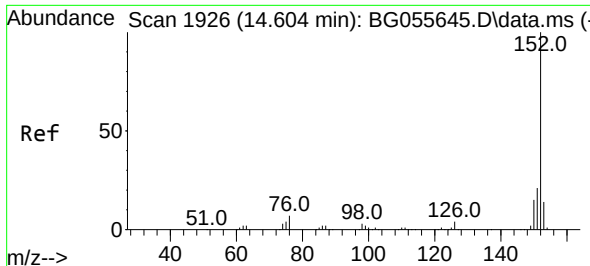
11/18/2022



#48
2-Nitroaniline
Concen: 42.620 ng
RT: 13.952 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Tgt Ion: 65 Resp: 101612
Ion Ratio Lower Upper
65 100
92 62.5 50.1 75.1
138 101.2 79.4 119.0





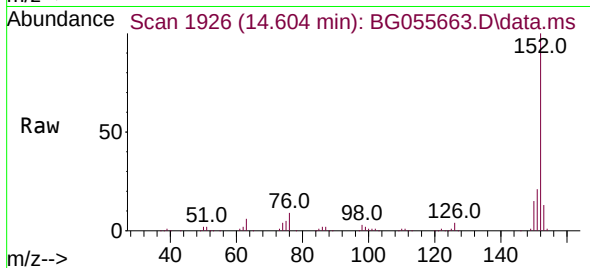
#49
Acenaphthylene
Concen: 40.279 ng
RT: 14.604 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS



Tgt Ion:152 Resp: 480974
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 12.8 11.0 16.4

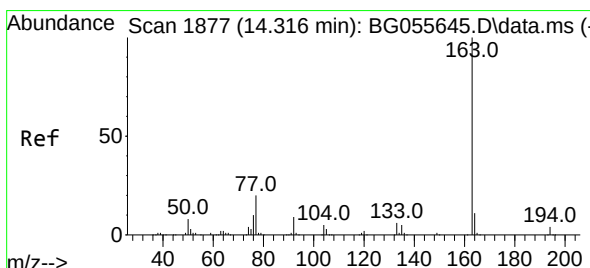
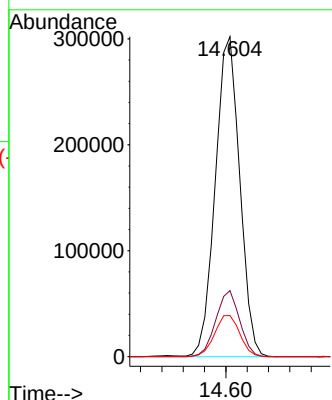
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

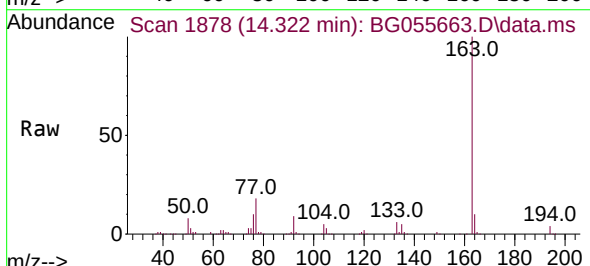
11/18/2022

Supervised By :Jagrut
Upadhyay

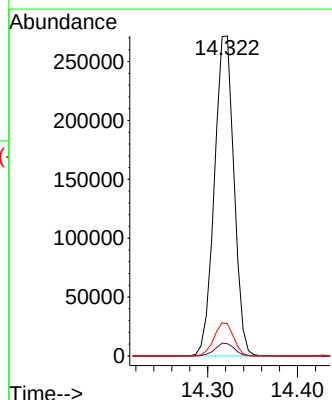
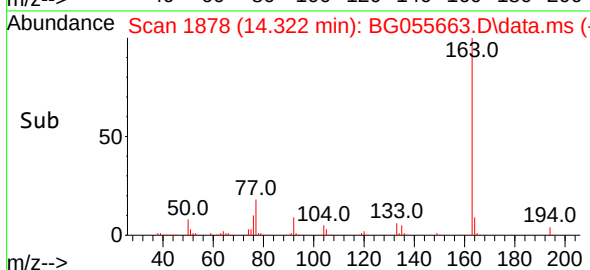
11/18/2022

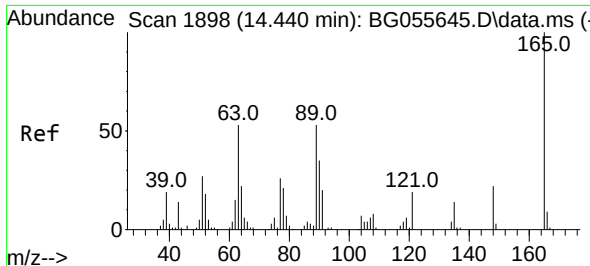


#50
Dimethylphthalate
Concen: 40.348 ng
RT: 14.322 min Scan# 1878
Delta R.T. 0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52



Tgt Ion:163 Resp: 411785
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.1 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 42.528 ng
RT: 14.439 min Scan# 1898
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS

Tgt Ion:165 Resp: 88746
Ion Ratio Lower Upper
165 100
63 56.4 44.6 66.8
89 52.6 42.2 63.4

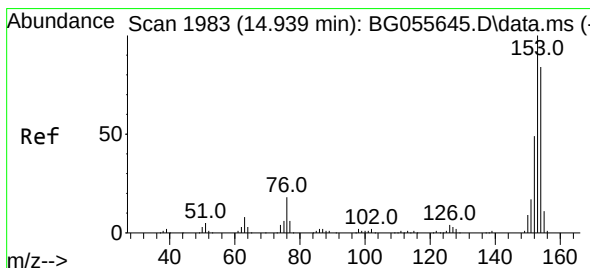
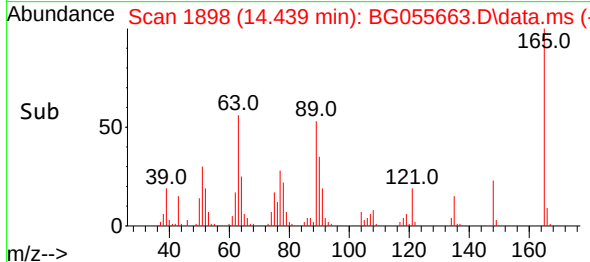
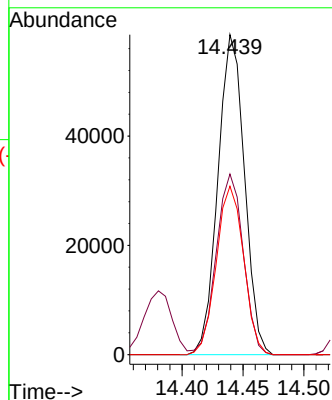
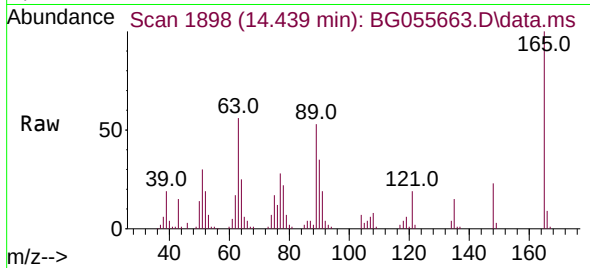
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022

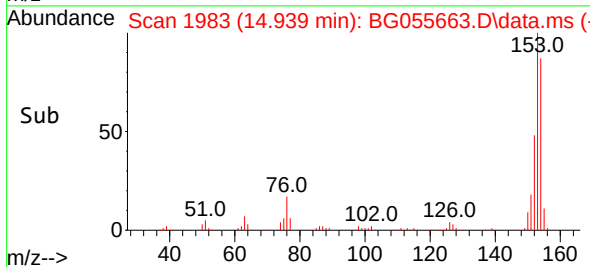
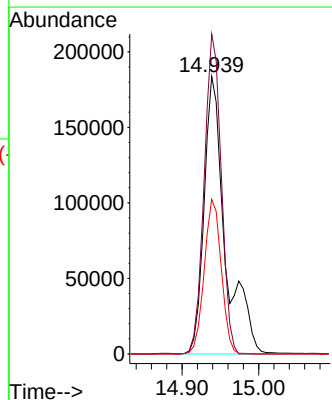
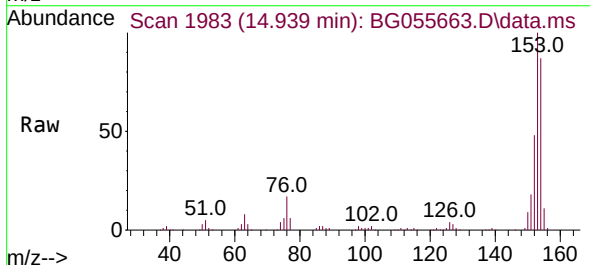
Supervised By :Jagrut
Upadhyay

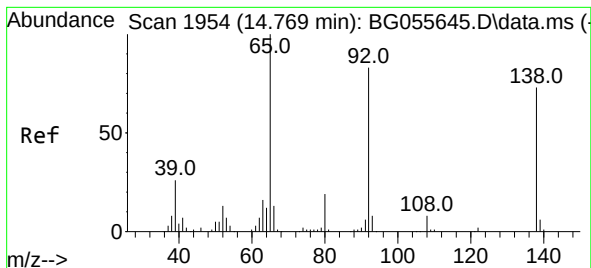
11/18/2022



#52
Acenaphthene
Concen: 45.416 ng m
RT: 14.939 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Tgt Ion:154 Resp: 354442
Ion Ratio Lower Upper
154 100
153 115.3 95.0 142.4
152 55.7 46.1 69.1





#53
3-Nitroaniline
Concen: 25.449 ng
RT: 14.768 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS

Tgt Ion:138 Resp: 58297
Ion Ratio Lower Upper
138 100
108 11.3 8.5 12.7
92 115.0 91.0 136.6

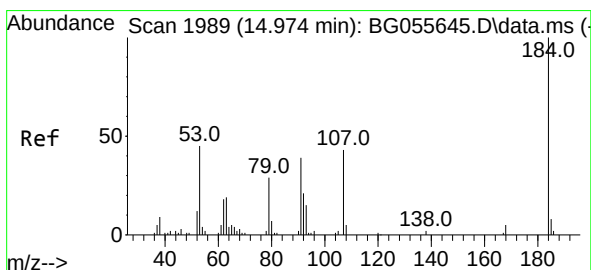
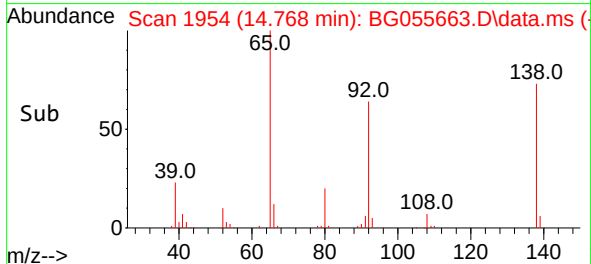
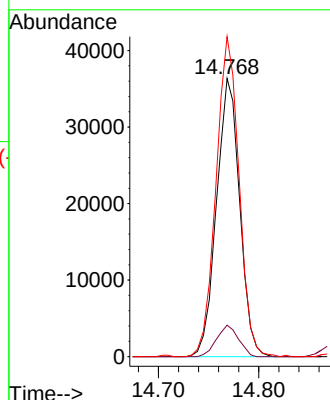
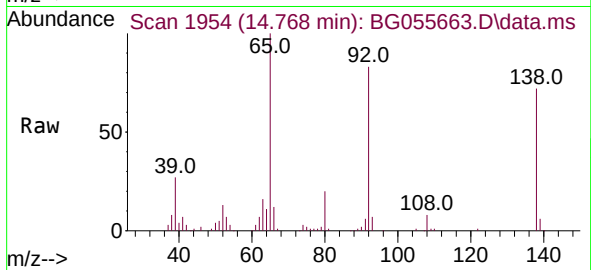
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022

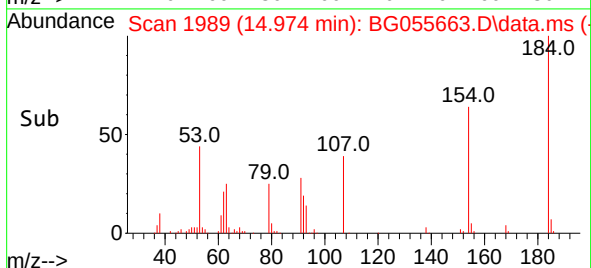
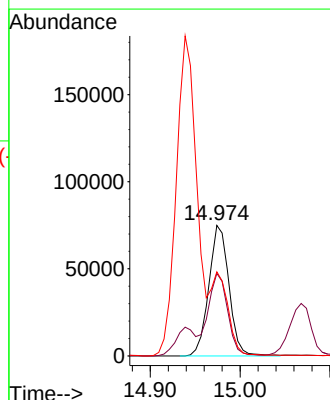
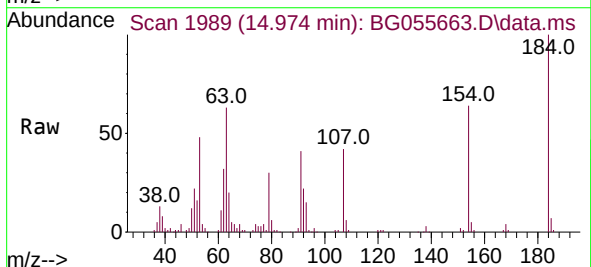
Supervised By :Jagrut
Upadhyay

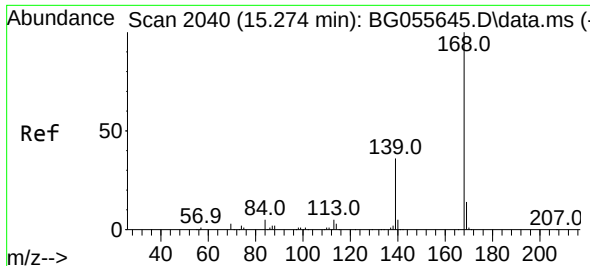
11/18/2022



#54
2,4-Dinitrophenol
Concen: 97.709 ng
RT: 14.974 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

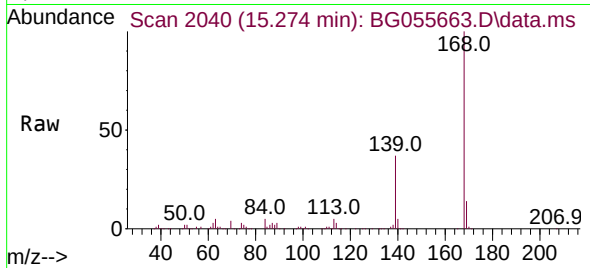
Tgt Ion:184 Resp: 117232
Ion Ratio Lower Upper
184 100
63 63.2 49.5 74.3
154 64.4 52.0 78.0





#55
Dibenzofuran
Concen: 39.836 ng
RT: 15.274 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :
BNA_G
ClientSampleId :
PB149019BS



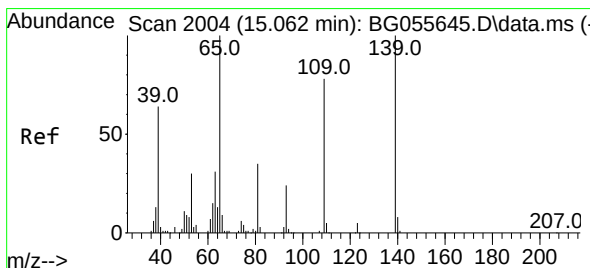
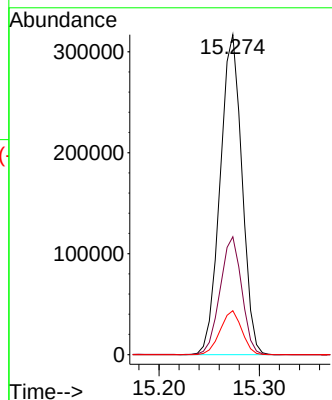
Tgt Ion:168 Resp: 479607
Ion Ratio Lower Upper
168 100
139 36.8 28.8 43.2
169 13.7 11.0 16.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

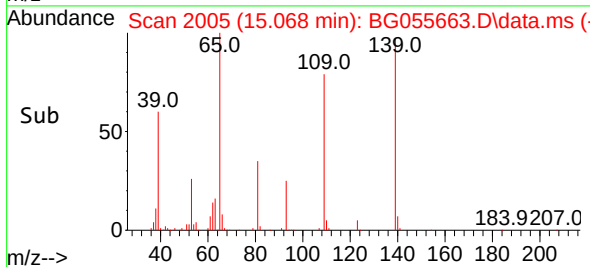
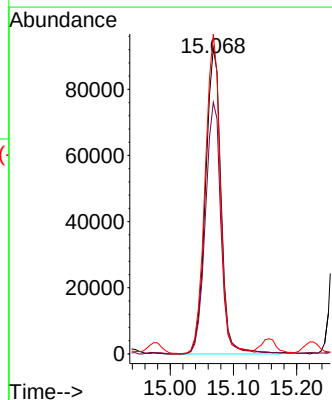
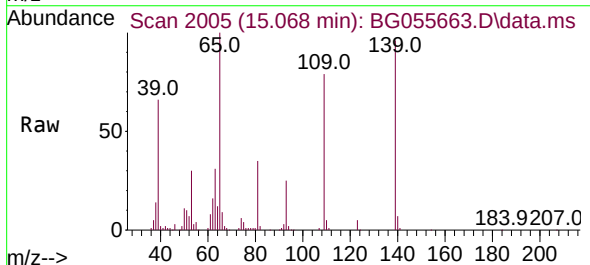
11/18/2022
Supervised By :Jagrut
Upadhyay

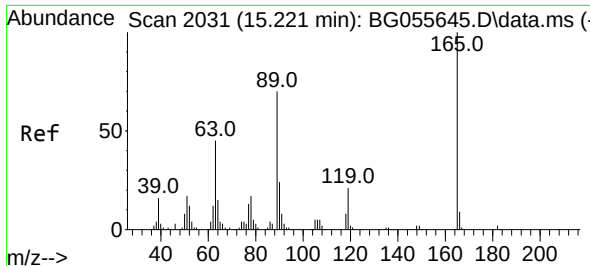
11/18/2022



#56
4-Nitrophenol
Concen: 87.528 ng
RT: 15.068 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Tgt Ion:139 Resp: 157368
Ion Ratio Lower Upper
139 100
109 82.3 58.6 98.6
65 104.6 80.5 120.5





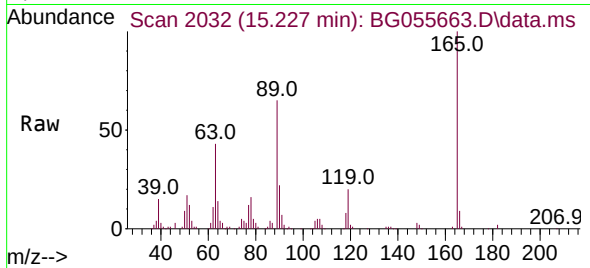
#57
2,4-Dinitrotoluene
Concen: 44.068 ng
RT: 15.227 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS



Tgt Ion:165 Resp: 129654
Ion Ratio Lower Upper
165 100
63 43.4 35.8 53.8
89 65.4 56.2 84.4
182 2.2 1.8 2.8

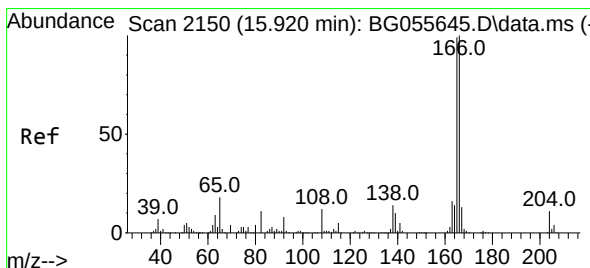
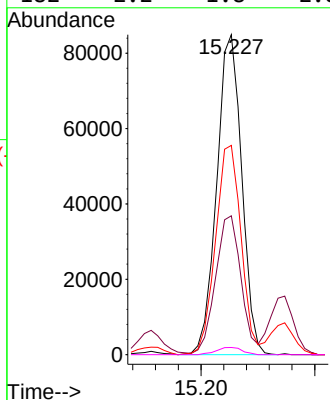
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022

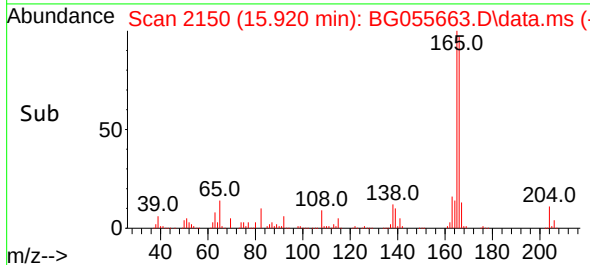
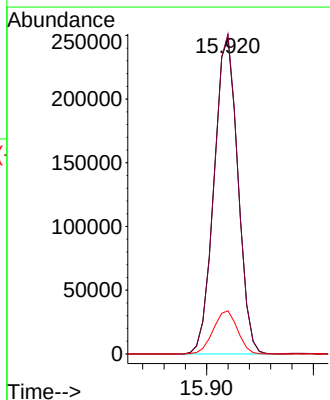
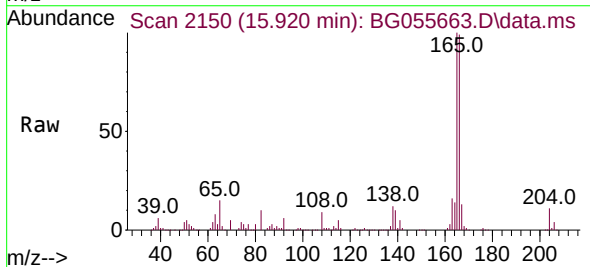
Supervised By :Jagrut
Upadhyay

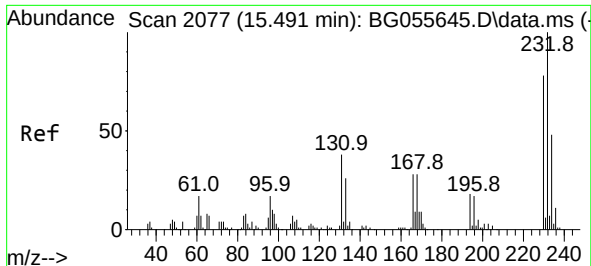
11/18/2022



#58
Fluorene
Concen: 40.102 ng
RT: 15.920 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Tgt Ion:166 Resp: 385619
Ion Ratio Lower Upper
166 100
165 101.3 79.3 118.9
167 13.7 10.6 15.8





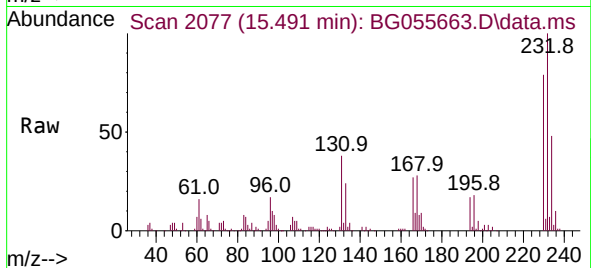
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.226 ng
RT: 15.491 min Scan# 2077
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS



Tgt Ion:232 Resp: 123398
Ion Ratio Lower Upper
232 100
131 38.2 29.8 44.8
130 2.1 1.7 2.5
166 27.4 22.2 33.2

Manual Integrations

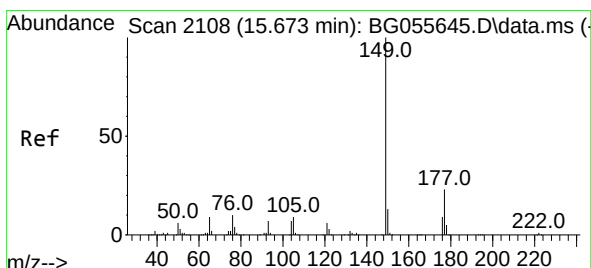
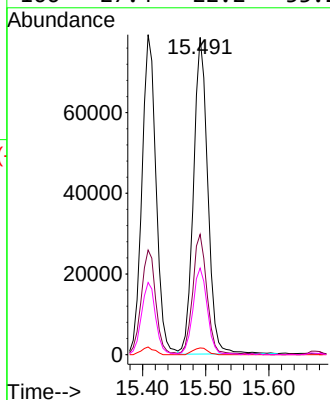
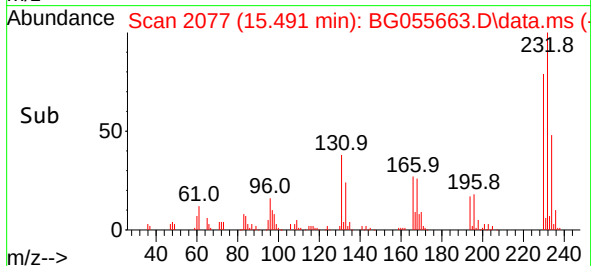
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

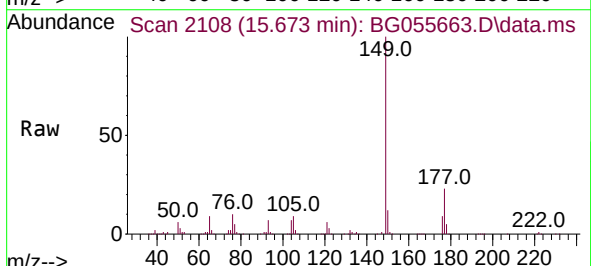
11/18/2022

Supervised By :Jagrut
Upadhyay

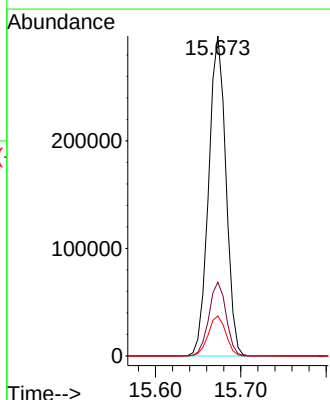
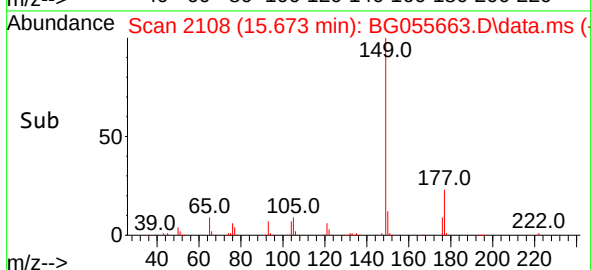
11/18/2022

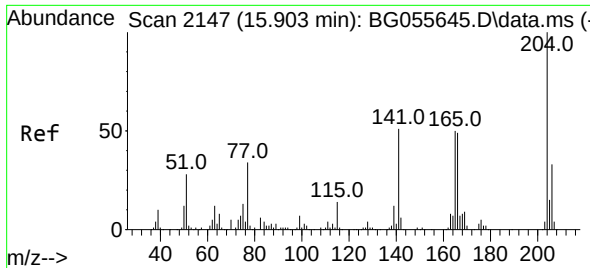


#60
Diethylphthalate
Concen: 40.499 ng
RT: 15.673 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52



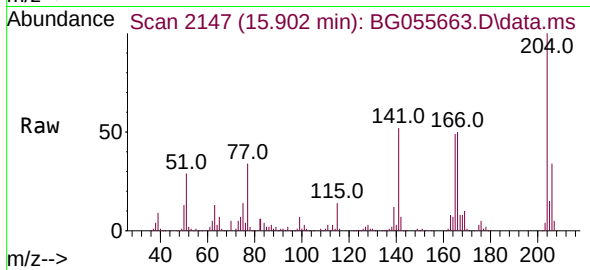
Tgt Ion:149 Resp: 417886
Ion Ratio Lower Upper
149 100
177 23.0 18.3 27.5
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 40.994 ng
RT: 15.902 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :
BNA_G
ClientSampleId :
PB149019BS



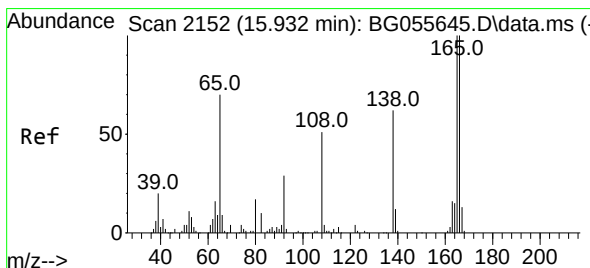
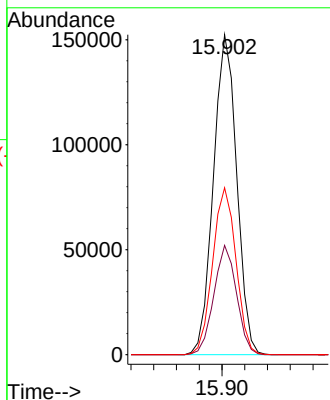
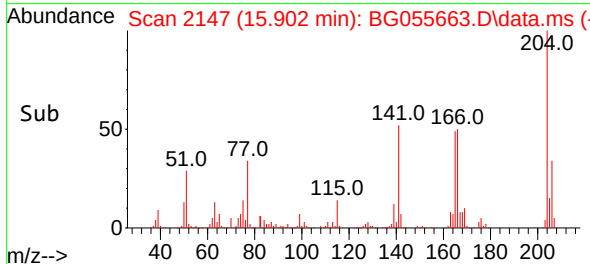
Tgt Ion:204 Resp: 21669
Ion Ratio Lower Upper
204 100
206 34.1 26.6 40.0
141 52.1 40.6 61.0

Manual Integrations
APPROVED

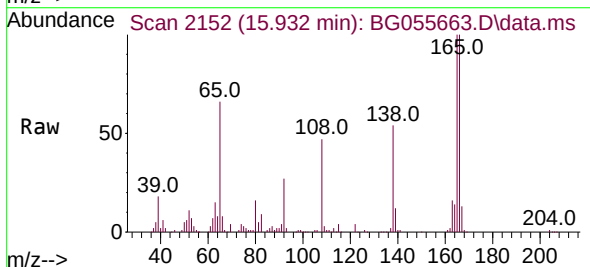
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022
Supervised By :Jagrut
Upadhyay

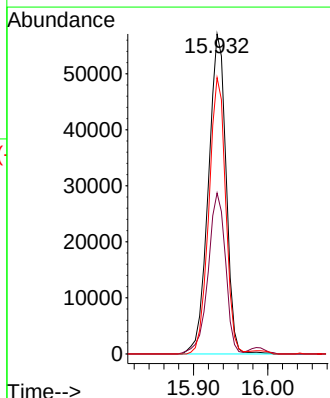
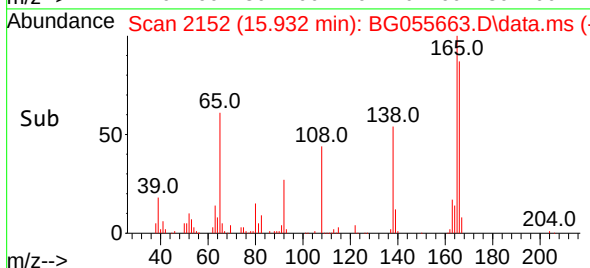
11/18/2022

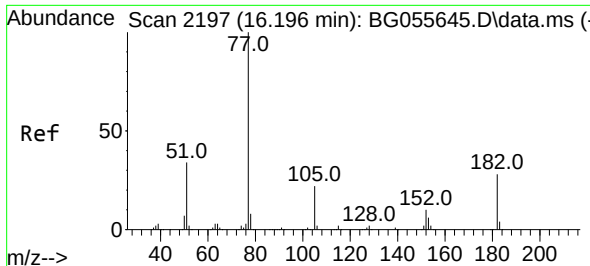


#62
4-Nitroaniline
Concen: 39.480 ng
RT: 15.932 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52



Tgt Ion:138 Resp: 94539
Ion Ratio Lower Upper
138 100
92 50.3 27.3 67.3
108 86.3 62.8 102.8





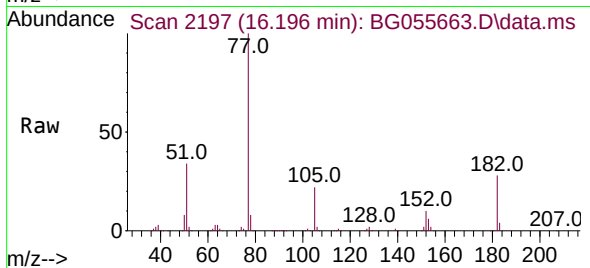
#63
Azobenzene
Concen: 40.136 ng
RT: 16.196 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS



Tgt Ion: 77 Resp: 361561
Ion Ratio Lower Upper
77 100
182 27.6 8.1 48.1
105 21.6 1.8 41.8
51 34.5 14.3 54.3

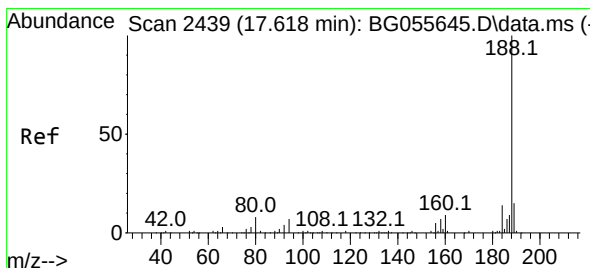
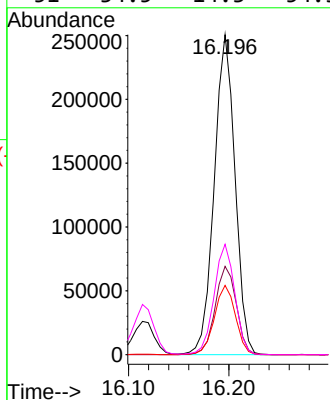
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

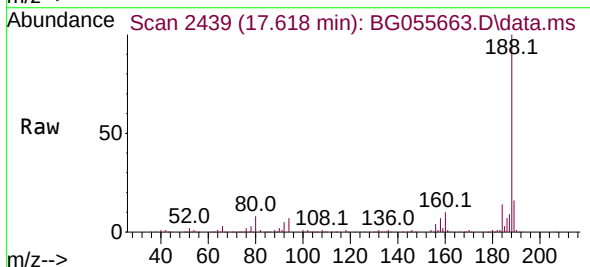
11/18/2022

Supervised By :Jagrut
Upadhyay

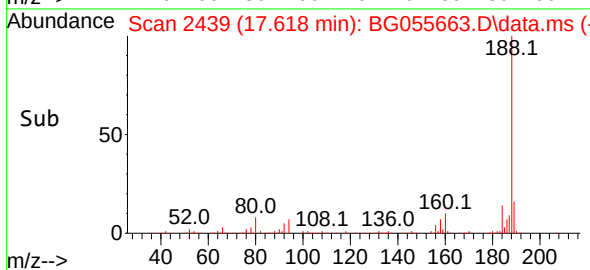
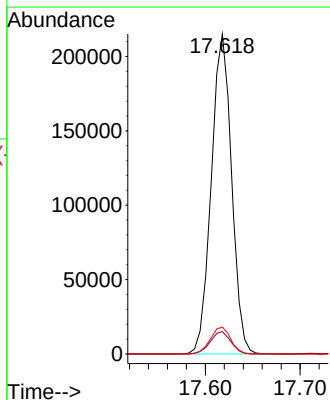
11/18/2022

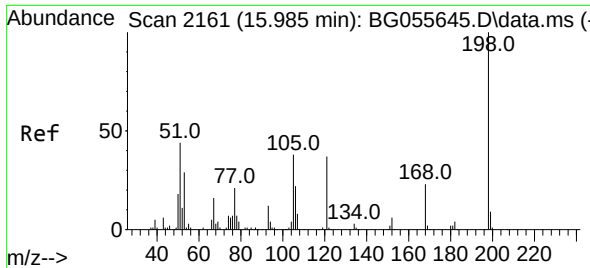


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52



Tgt Ion:188 Resp: 319369
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.2
80 8.4 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 43.543 ng
RT: 15.990 min Scan# 2161
Delta R.T. 0.005 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS

Tgt Ion:198 Resp: 77651
Ion Ratio Lower Upper
198 100
51 43.2 27.7 67.7
105 37.6 19.3 59.3

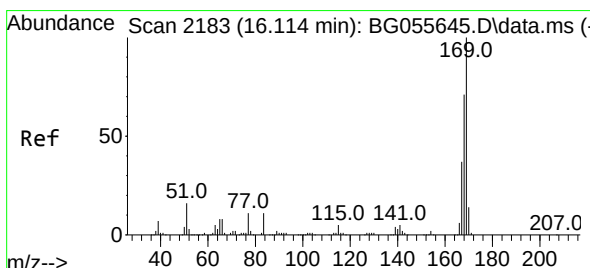
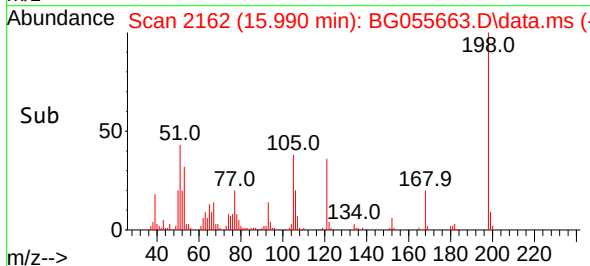
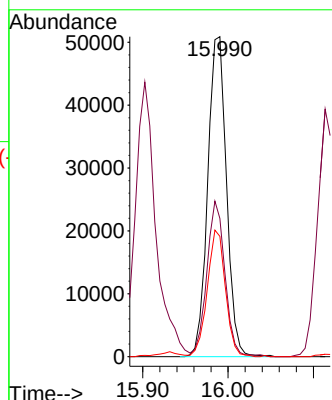
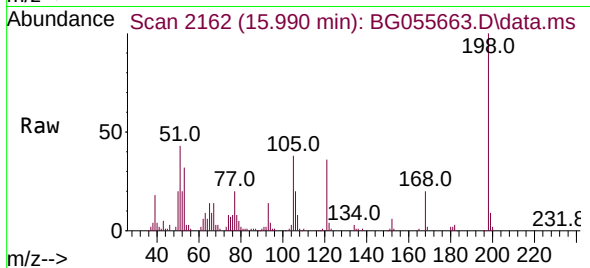
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022

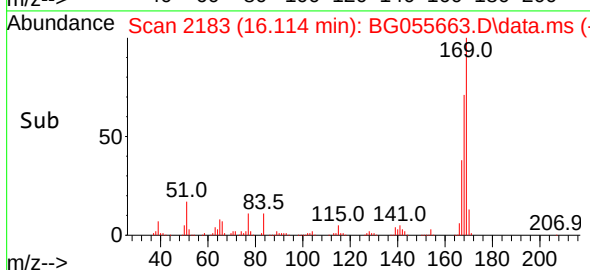
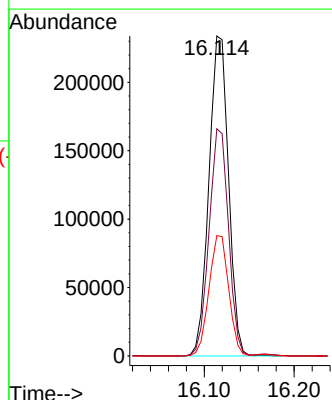
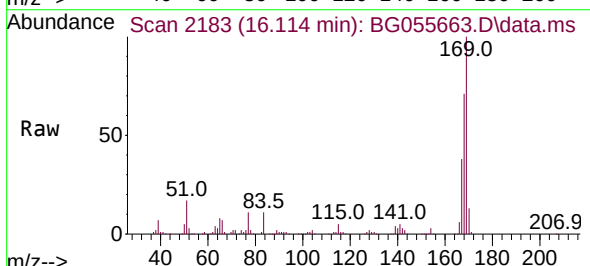
Supervised By :Jagrut
Upadhyay

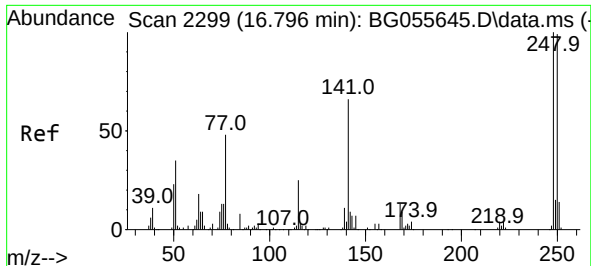
11/18/2022



#66
n-Nitrosodiphenylamine
Concen: 40.307 ng
RT: 16.114 min Scan# 2183
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

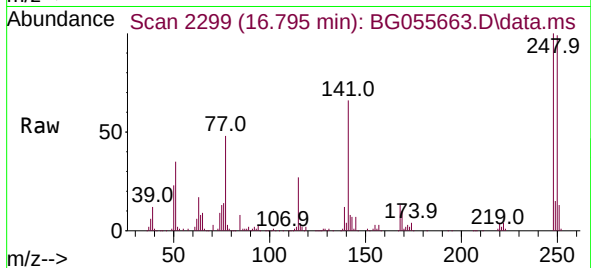
Tgt Ion:169 Resp: 354764
Ion Ratio Lower Upper
169 100
168 71.0 56.6 85.0
167 37.6 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 39.803 ng
RT: 16.795 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :
BNA_G
ClientSampleId :
PB149019BS



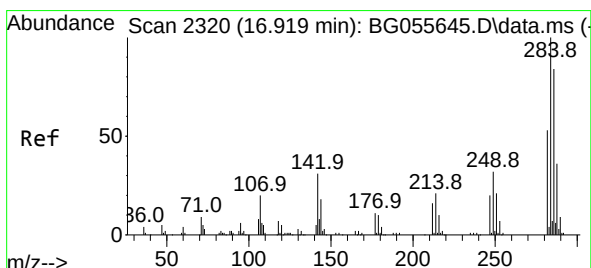
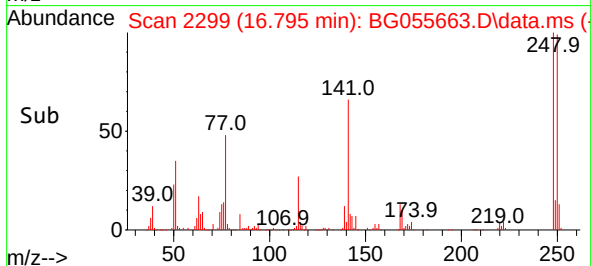
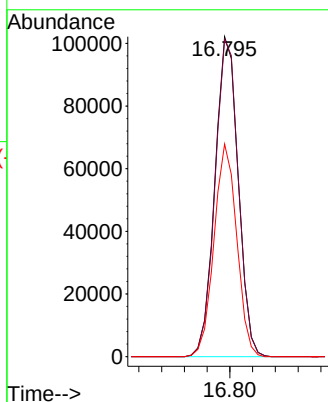
Tgt Ion:248 Resp: 144839
Ion Ratio Lower Upper
248 100
250 99.1 79.0 118.4
141 66.4 52.9 79.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

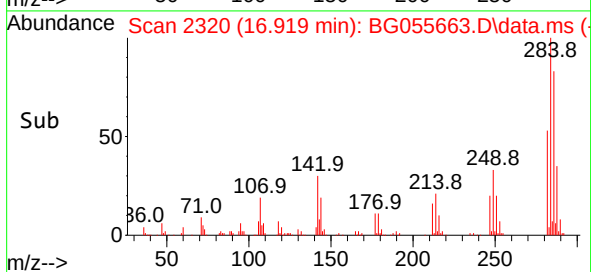
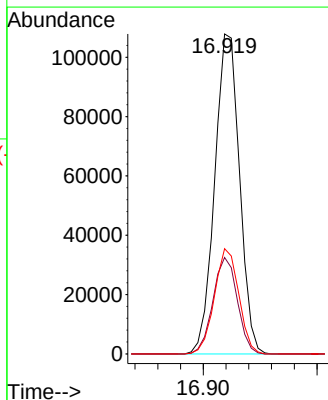
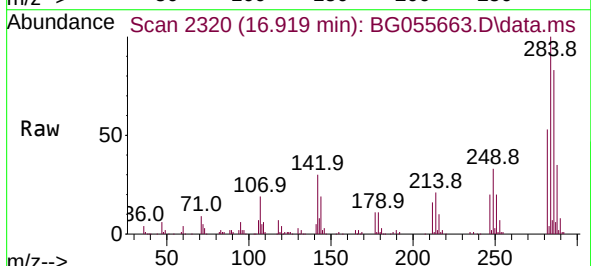
11/18/2022
Supervised By :Jagrut
Upadhyay

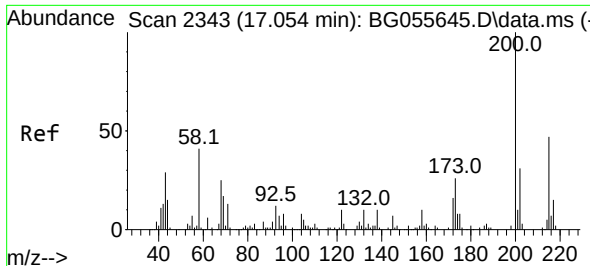
11/18/2022



#68
Hexachlorobenzene
Concen: 40.426 ng
RT: 16.919 min Scan# 2320
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

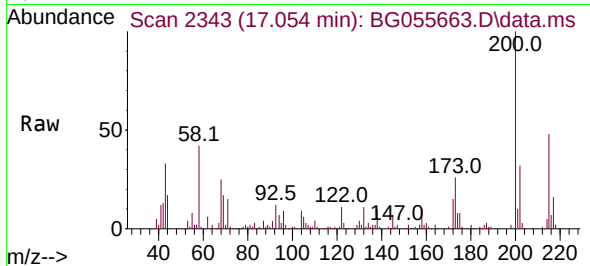
Tgt Ion:284 Resp: 163115
Ion Ratio Lower Upper
284 100
142 30.1 24.8 37.2
249 32.9 25.7 38.5





#69
 Atrazine
 Concen: 36.911 ng
 RT: 17.054 min Scan# 2343
 Delta R.T. -0.000 min
 Lab File: BG055663.D
 Acq: 17 Nov 2022 12:52

Instrument :
 BNA_G
 ClientSampleId :
 PB149019BS



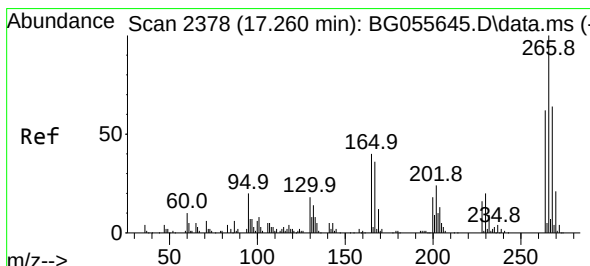
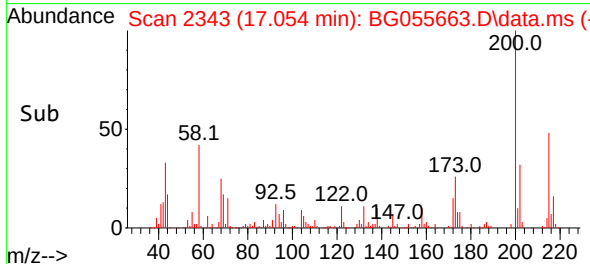
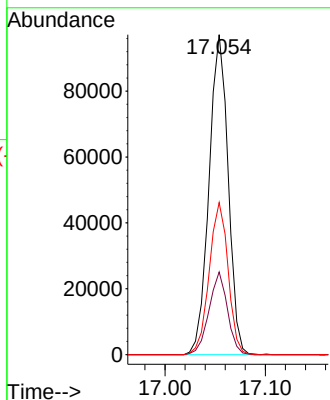
Tgt Ion:200 Resp: 12848
 Ion Ratio Lower Upper
 200 100
 173 25.8 5.6 45.6
 215 47.5 27.2 67.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/18/2022
 Supervised By :Jagrut Upadhyay 11/18/2022

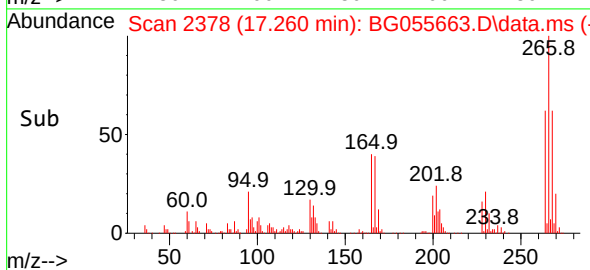
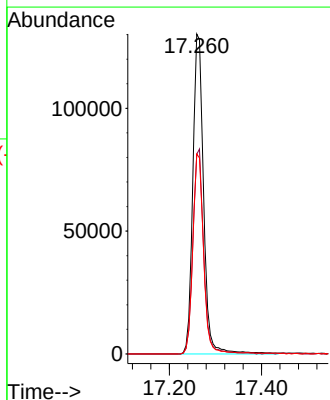
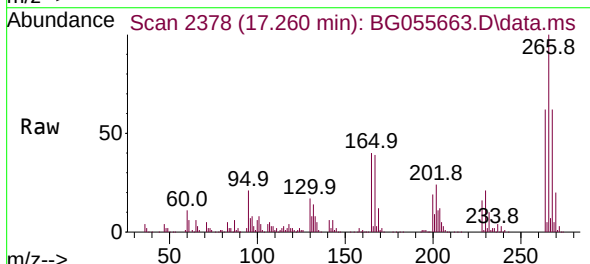
11/18/2022
 Supervised By :Jagrut
 Upadhyay

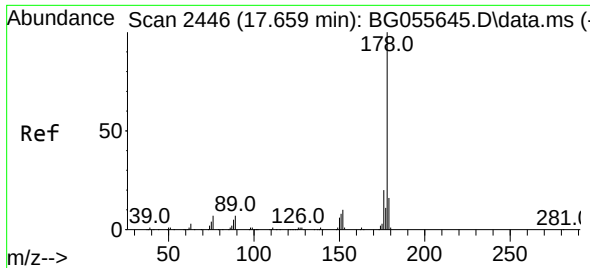
11/18/2022



#70
 Pentachlorophenol
 Concen: 85.501 ng
 RT: 17.260 min Scan# 2378
 Delta R.T. -0.000 min
 Lab File: BG055663.D
 Acq: 17 Nov 2022 12:52

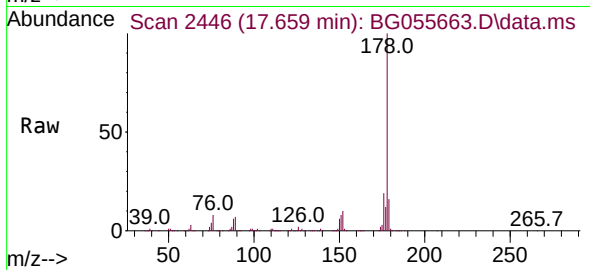
Tgt Ion:266 Resp: 211039
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.2 76.8
 264 62.5 49.5 74.3





#71
Phenanthrene
Concen: 38.835 ng
RT: 17.659 min Scan# 2446
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :
BNA_G
ClientSampleId :
PB149019BS



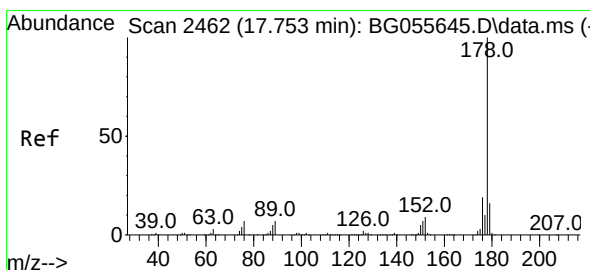
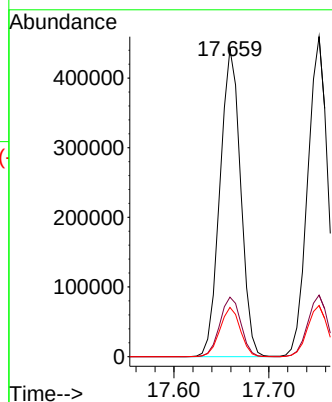
Tgt Ion:178 Resp: 669303
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 16.0 12.7 19.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

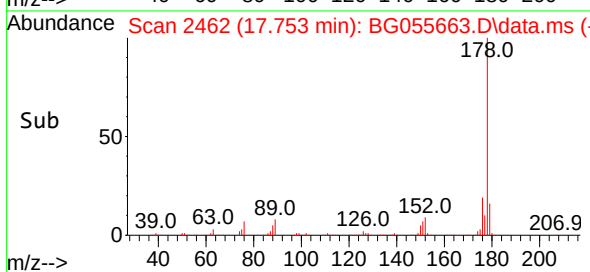
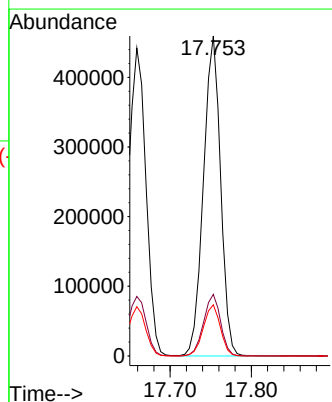
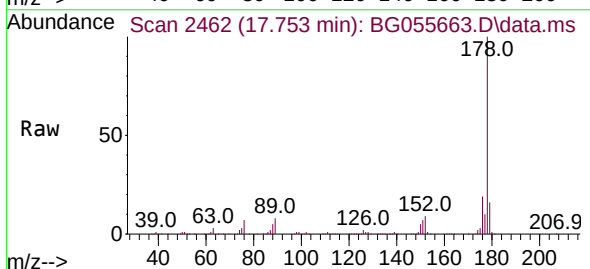
11/18/2022
Supervised By :Jagrut
Upadhyay

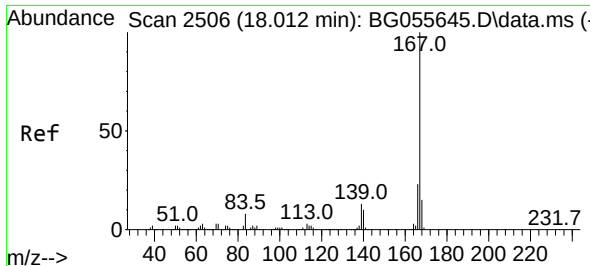
11/18/2022



#72
Anthracene
Concen: 40.231 ng
RT: 17.753 min Scan# 2462
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Tgt Ion:178 Resp: 673683
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 16.0 12.5 18.7





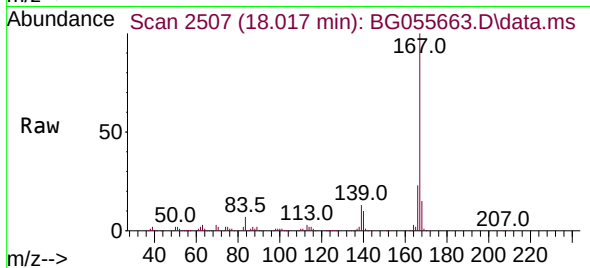
#73
Carbazole
Concen: 40.486 ng
RT: 18.017 min Scan# 2506
Delta R.T. 0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS



Tgt Ion:167 Resp: 609468
Ion Ratio Lower Upper
167 100
166 23.5 18.2 27.2
139 13.1 10.2 15.4

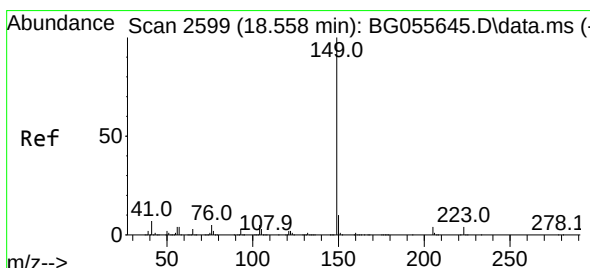
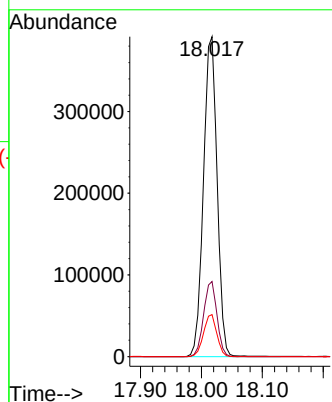
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

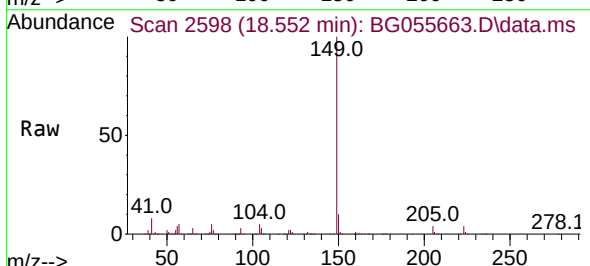
11/18/2022

Supervised By :Jagrut
Upadhyay

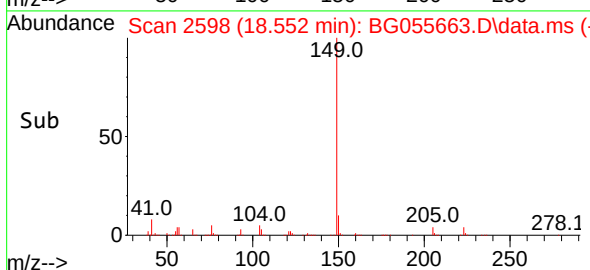
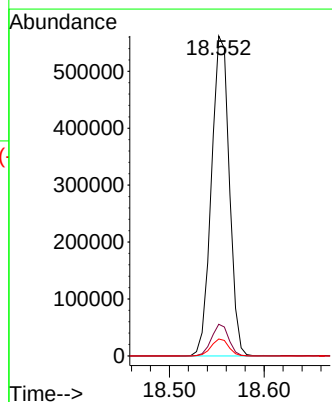
11/18/2022

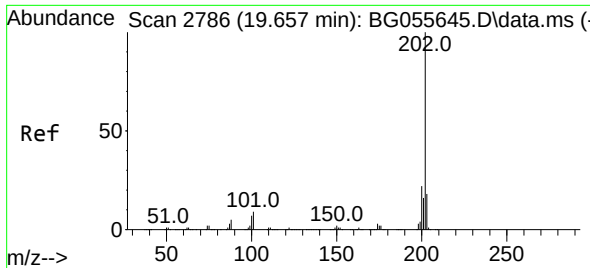


#74
Di-n-butylphthalate
Concen: 39.425 ng
RT: 18.552 min Scan# 2598
Delta R.T. -0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52



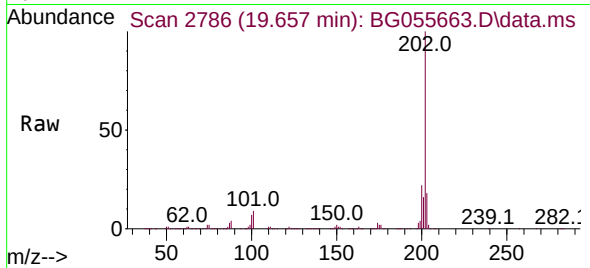
Tgt Ion:149 Resp: 736945
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.6
104 5.3 4.0 6.0





#75
Fluoranthene
Concen: 38.382 ng
RT: 19.657 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :
BNA_G
ClientSampleId :
PB149019BS



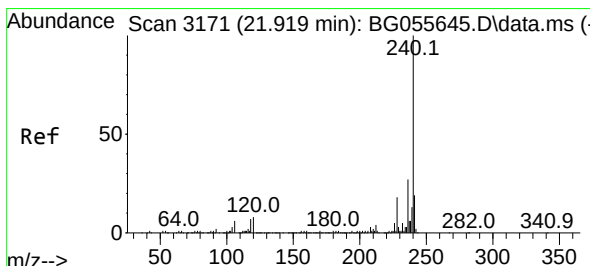
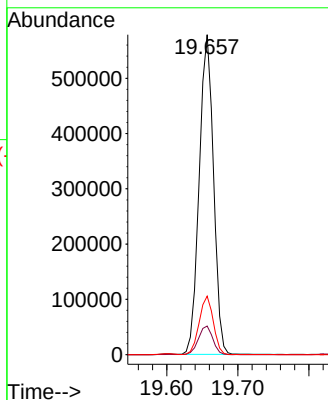
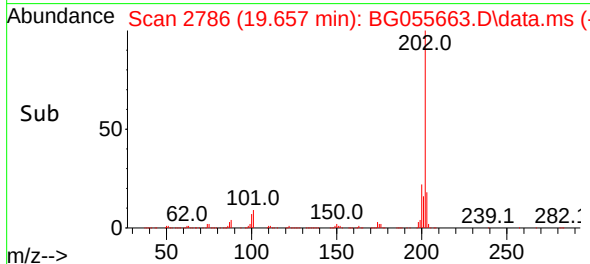
Tgt Ion:202 Resp: 804755
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.8
203 18.3 0.0 38.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

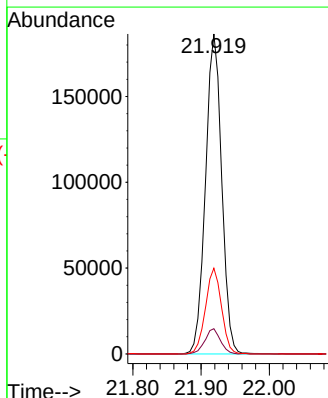
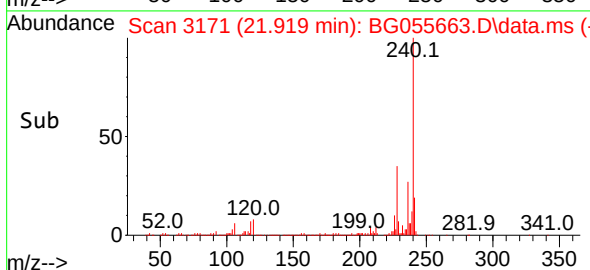
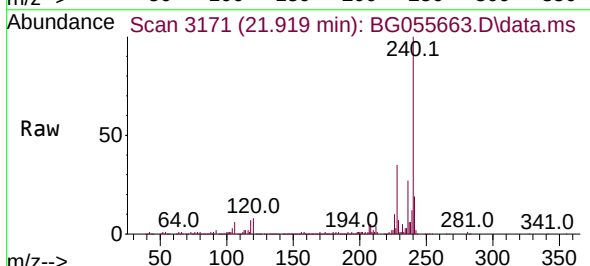
11/18/2022
Supervised By :Jagrut
Upadhyay

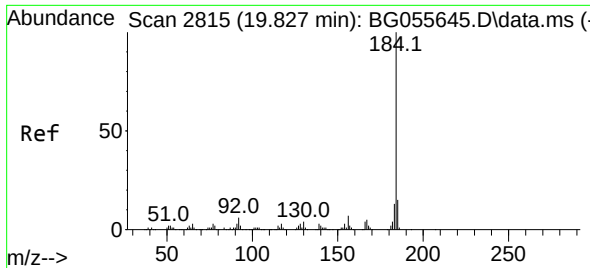
11/18/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3171
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

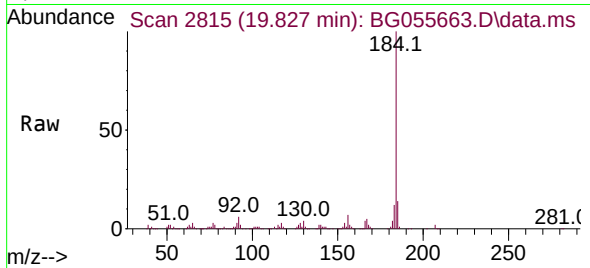
Tgt Ion:240 Resp: 306495
Ion Ratio Lower Upper
240 100
120 7.9 6.3 9.5
236 26.8 21.9 32.9





#77
Benzidine
Concen: 34.262 ng
RT: 19.827 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :
BNA_G
ClientSampleId :
PB149019BS



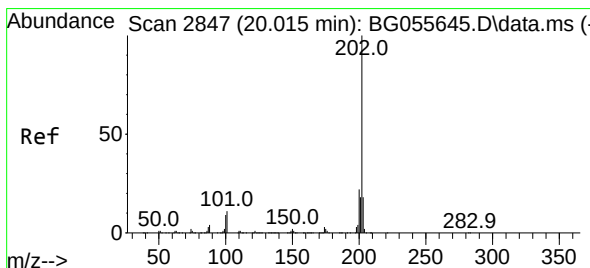
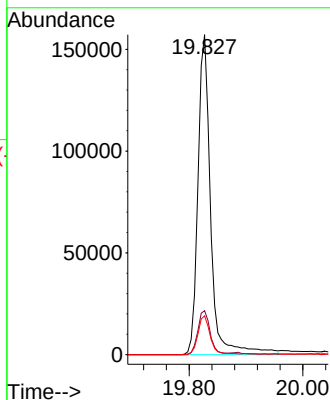
Tgt Ion:184 Resp: 242937
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.8
183 12.1 10.6 15.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

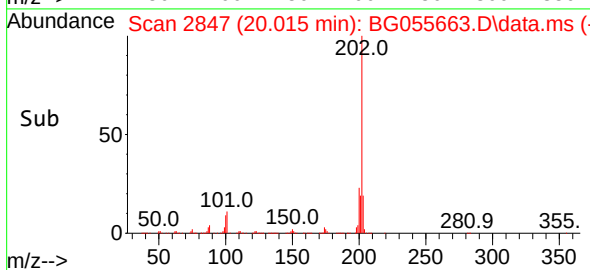
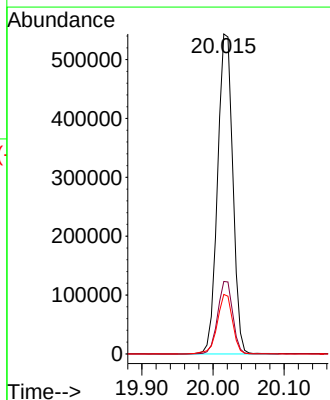
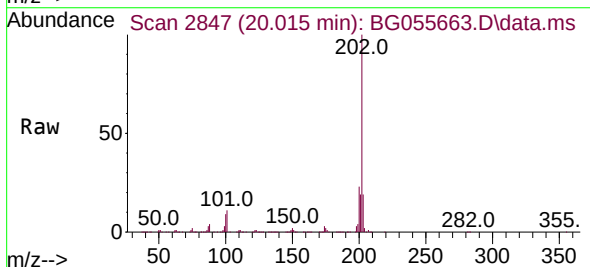
11/18/2022
Supervised By :Jagrut
Upadhyay

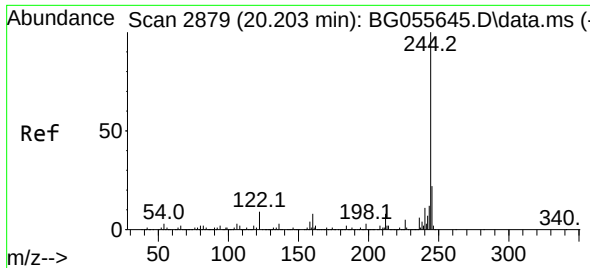
11/18/2022



#78
Pyrene
Concen: 39.057 ng
RT: 20.015 min Scan# 2847
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Tgt Ion:202 Resp: 810289
Ion Ratio Lower Upper
202 100
200 22.6 17.8 26.6
203 18.6 14.4 21.6





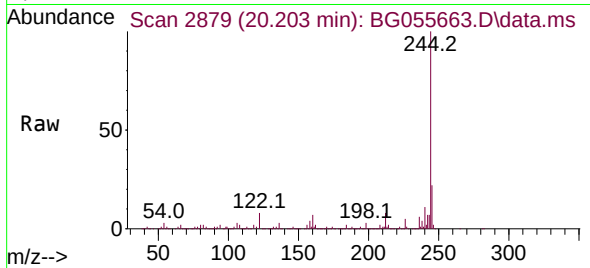
#79
 Terphenyl-d14
 Concen: 79.680 ng
 RT: 20.203 min Scan# 2879
 Delta R.T. -0.000 min
 Lab File: BG055663.D
 Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS



Tgt Ion:244 Resp: 1220995
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 8.5 6.9 10.3

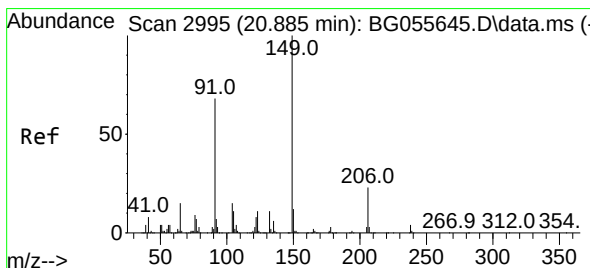
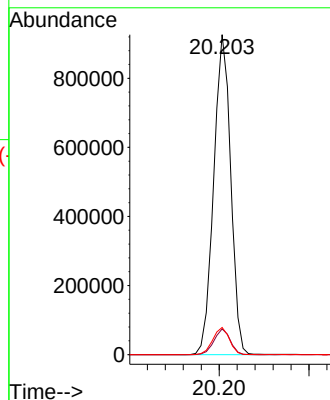
Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/18/2022
 Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022

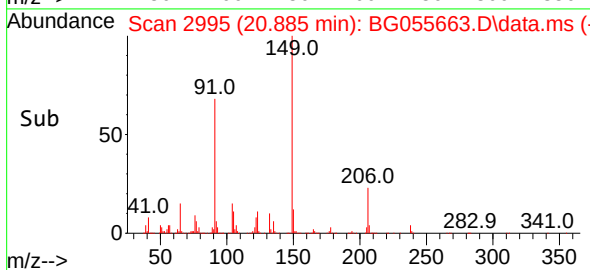
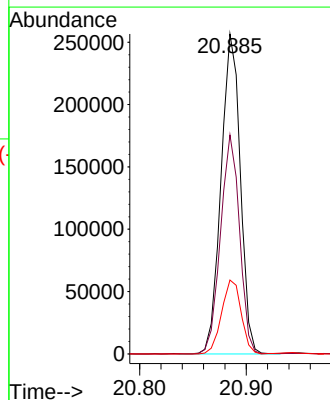
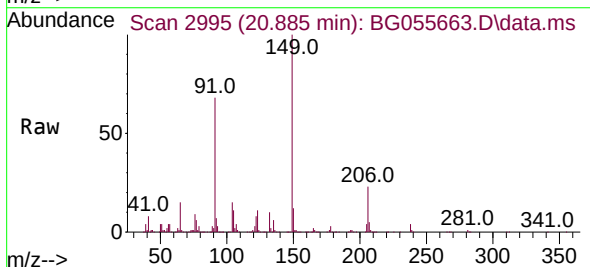
Supervised By :Jagrut
 Upadhyay

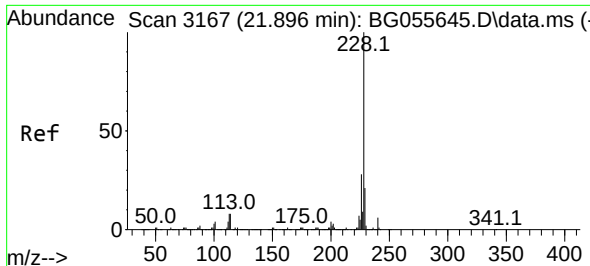
11/18/2022



#80
 Butylbenzylphthalate
 Concen: 39.771 ng
 RT: 20.885 min Scan# 2995
 Delta R.T. -0.000 min
 Lab File: BG055663.D
 Acq: 17 Nov 2022 12:52

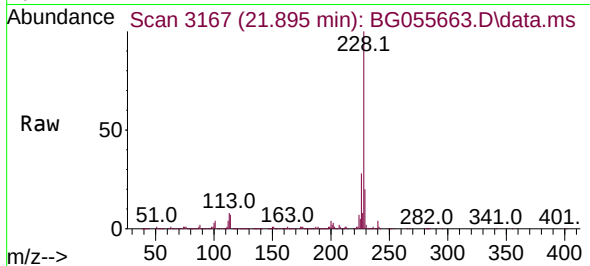
Tgt Ion:149 Resp: 323005
 Ion Ratio Lower Upper
 149 100
 91 68.4 54.6 81.8
 206 23.1 18.3 27.5





#81
Benzo(a)anthracene
Concen: 38.644 ng
RT: 21.895 min Scan# 3167
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :
BNA_G
ClientSampleId :
PB149019BS



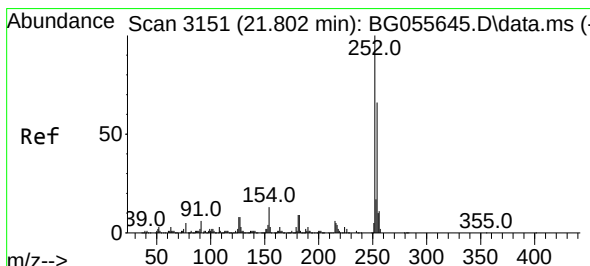
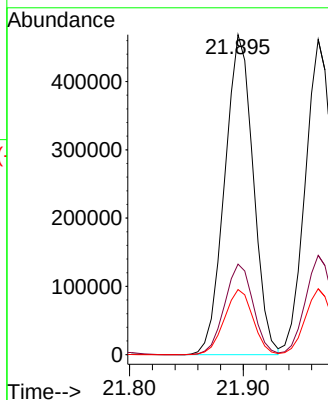
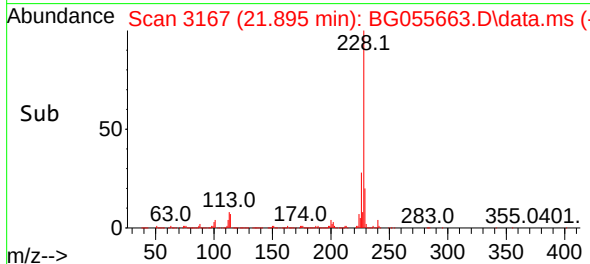
Tgt Ion:228 Resp: 815780
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 20.3 16.5 24.7

Manual Integrations
APPROVED

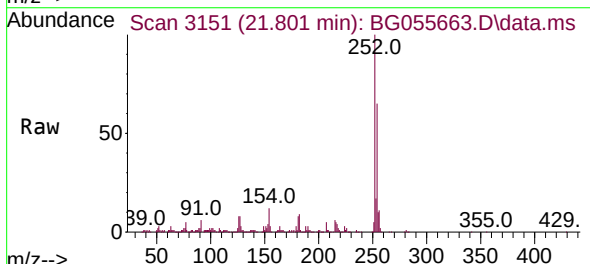
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022
Supervised By :Jagrut
Upadhyay

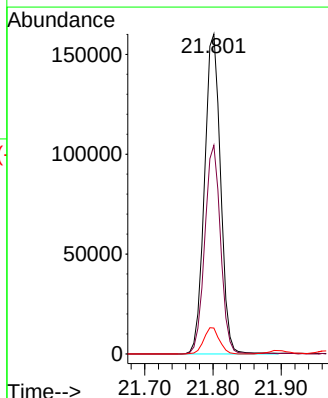
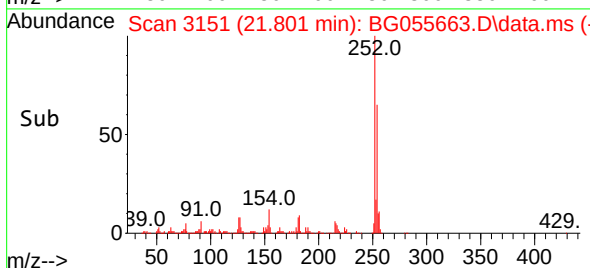
11/18/2022

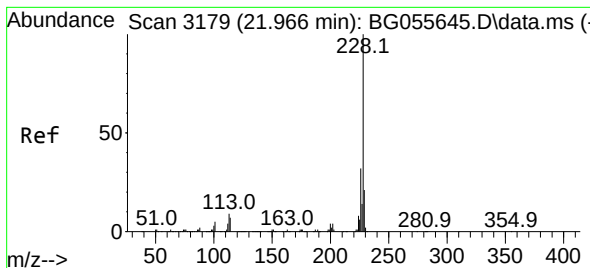


#82
3,3'-Dichlorobenzidine
Concen: 35.235 ng
RT: 21.801 min Scan# 3151
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52



Tgt Ion:252 Resp: 261365
Ion Ratio Lower Upper
252 100
254 65.2 53.0 79.6
126 8.1 6.7 10.1





#83

Chrysene

Concen: 38.354 ng

RT: 21.966 min Scan# 3179

Delta R.T. -0.000 min

Lab File: BG055663.D

Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS

Tgt Ion:228	Resp: 77079
Ion Ratio	Lower Upper
228 100	
226 31.5	25.4 38.2
229 20.9	17.1 25.7

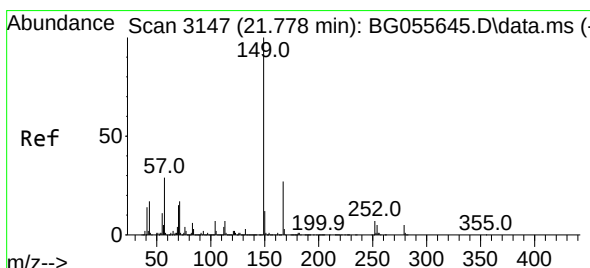
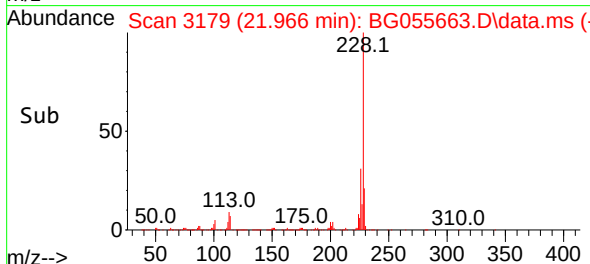
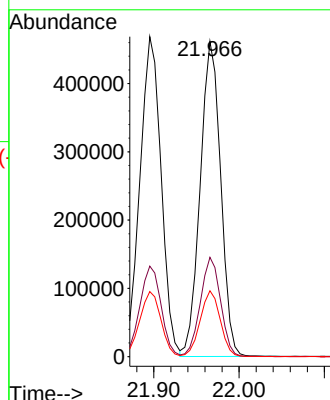
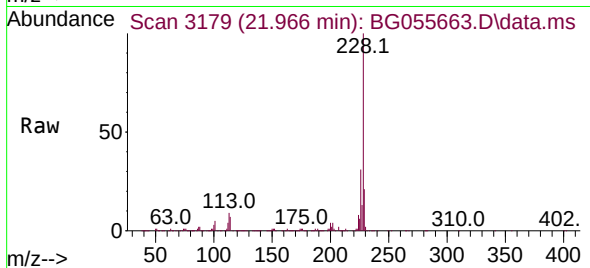
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022

Supervised By :Jagrut
Upadhyay

11/18/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.201 ng

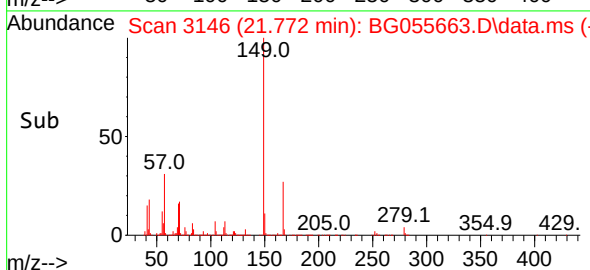
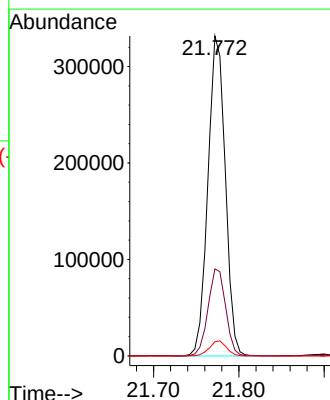
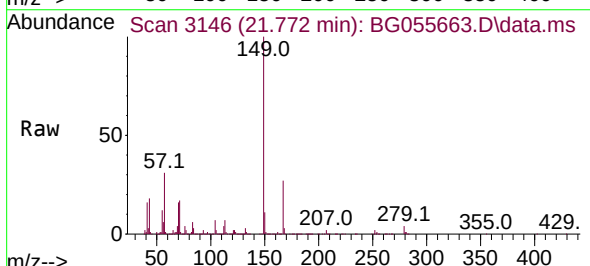
RT: 21.772 min Scan# 3146

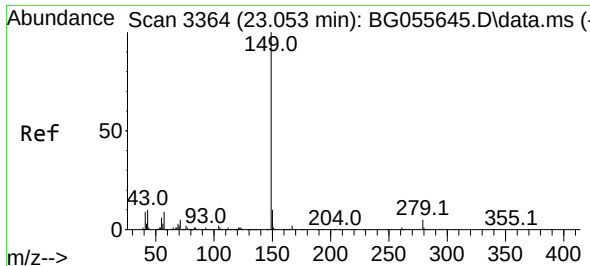
Delta R.T. -0.006 min

Lab File: BG055663.D

Acq: 17 Nov 2022 12:52

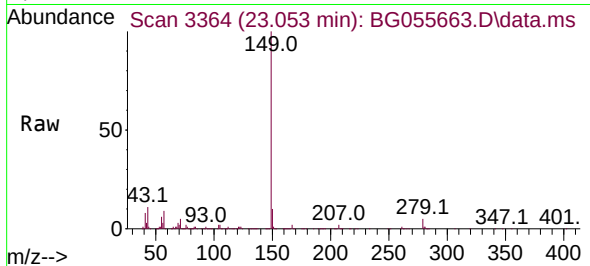
Tgt Ion:149	Resp: 469224
Ion Ratio	Lower Upper
149 100	
167 27.2	22.0 33.0
279 4.4	3.7 5.5





#85
Di-n-octyl phthalate
Concen: 40.205 ng
RT: 23.053 min Scan# 3364
Delta R.T. -0.000 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :
BNA_G
ClientSampleId :
PB149019BS



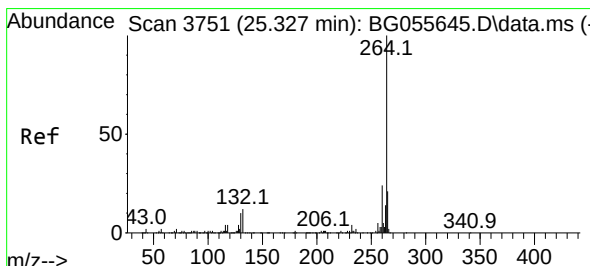
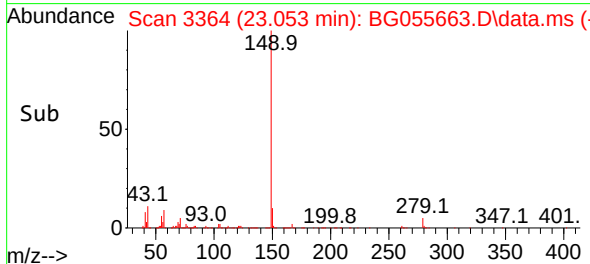
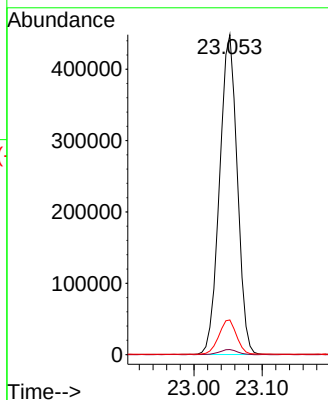
Tgt Ion:149 Resp: 803084
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.7 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

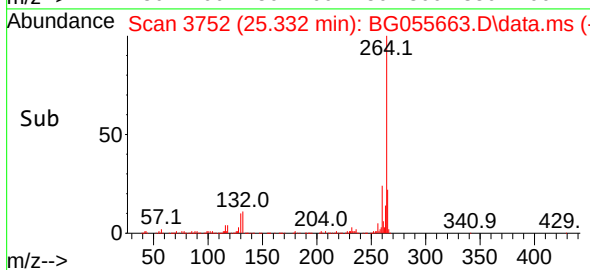
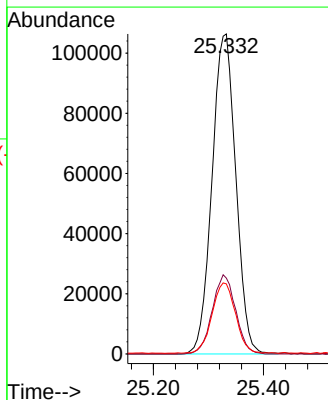
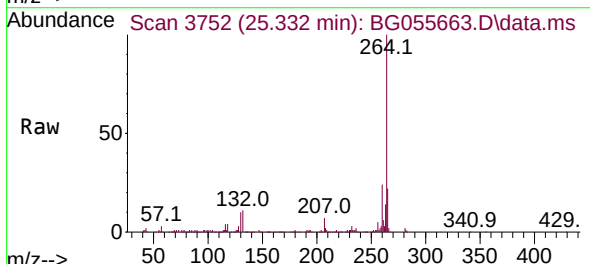
11/18/2022
Supervised By :Jagrut
Upadhyay

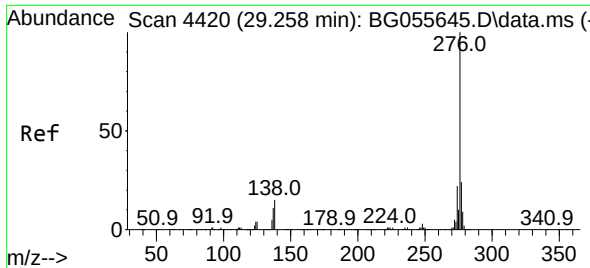
11/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.332 min Scan# 3752
Delta R.T. 0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Tgt Ion:264 Resp: 318797
Ion Ratio Lower Upper
264 100
260 23.7 19.5 29.3
265 21.9 17.1 25.7





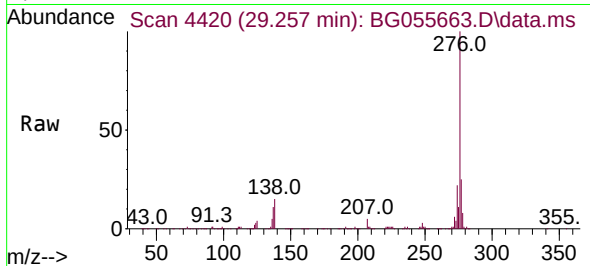
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.665 ng
 RT: 29.257 min Scan# 4420
 Delta R.T. -0.000 min
 Lab File: BG055663.D
 Acq: 17 Nov 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149019BS



Tgt Ion:276 Resp: 983679
 Ion Ratio Lower Upper
 276 100
 138 12.1 10.4 15.6
 277 25.8 20.2 30.4

Manual Integrations

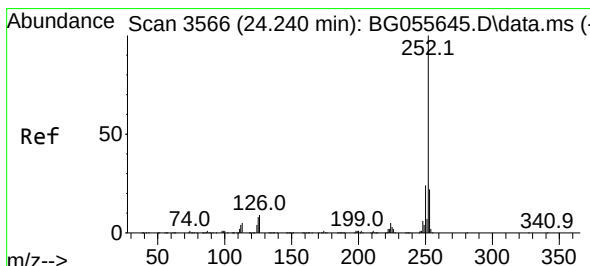
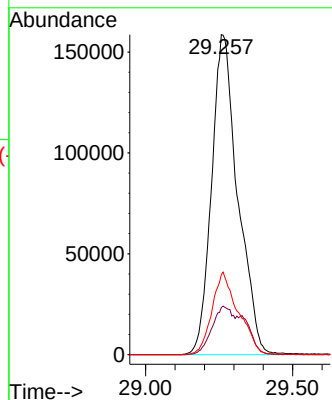
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
 Supervised By :Jagrut Upadhyay 11/18/2022

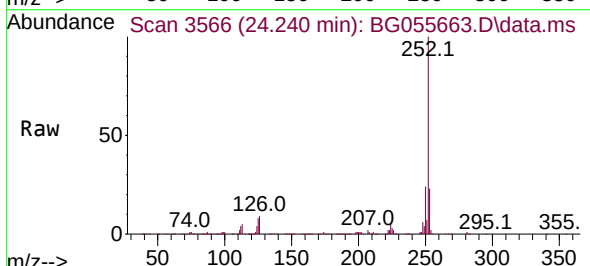
11/18/2022

Supervised By :Jagrut
 Upadhyay

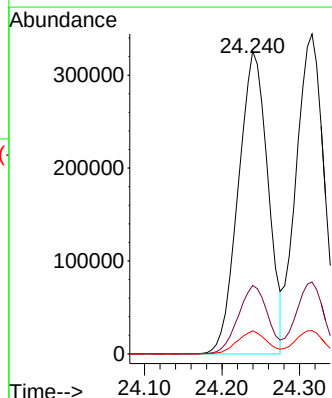
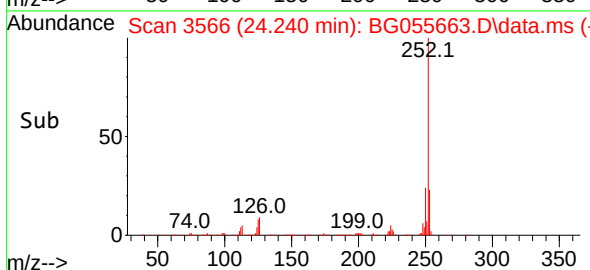
11/18/2022

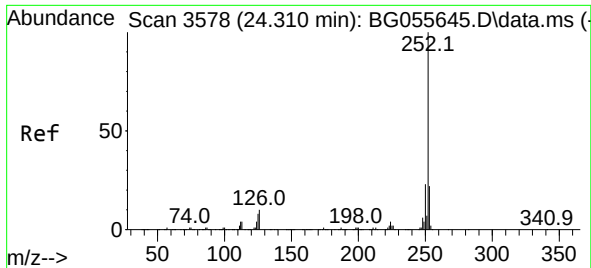


#88
 Benzo(b)fluoranthene
 Concen: 41.660 ng
 RT: 24.240 min Scan# 3566
 Delta R.T. -0.000 min
 Lab File: BG055663.D
 Acq: 17 Nov 2022 12:52



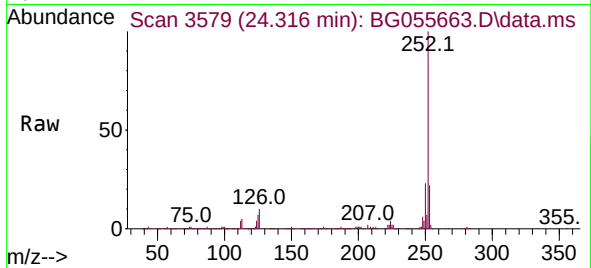
Tgt Ion:252 Resp: 864935
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.0 27.0
 125 7.6 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 41.523 ng
RT: 24.316 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :
BNA_G
ClientSampleId :
PB149019BS



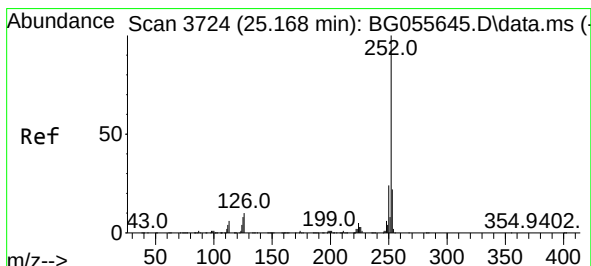
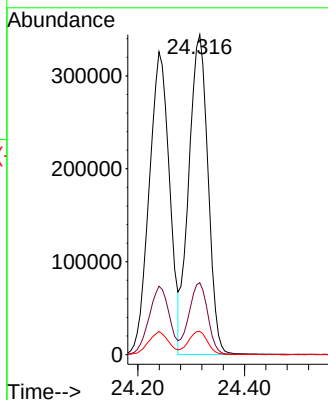
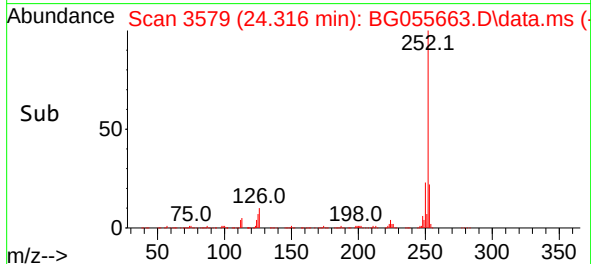
Tgt Ion:252 Resp: 859334
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 7.3 6.1 9.1

Manual Integrations
APPROVED

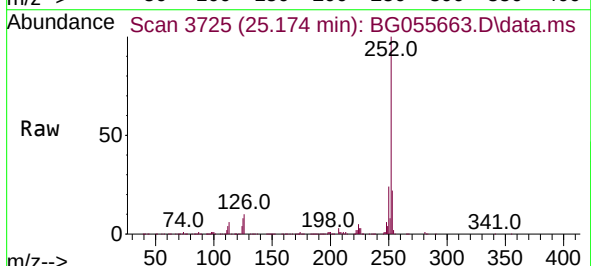
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022
Supervised By :Jagrut
Upadhyay

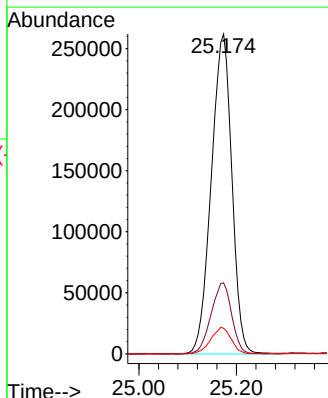
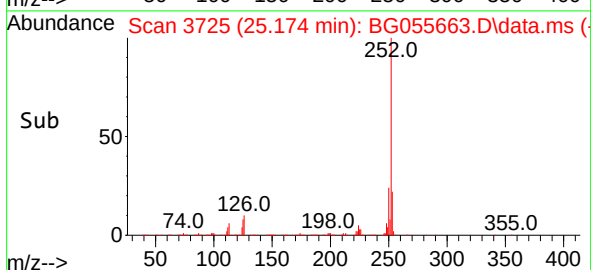
11/18/2022

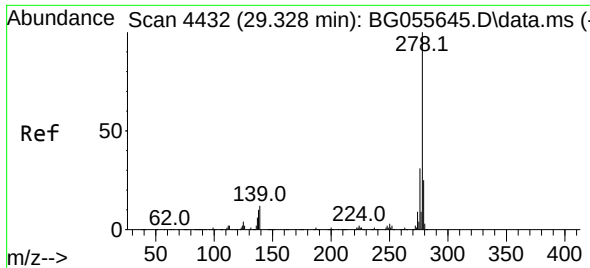


#90
Benzo(a)pyrene
Concen: 43.060 ng
RT: 25.174 min Scan# 3725
Delta R.T. 0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52



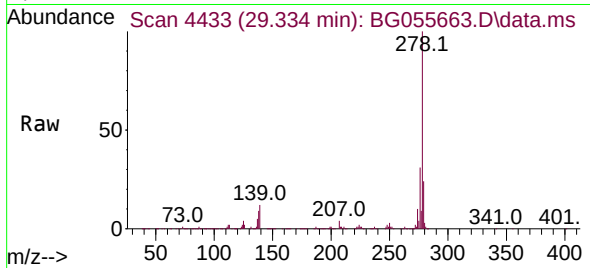
Tgt Ion:252 Resp: 767166
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 8.0 6.4 9.6





#91
Dibenzo(a,h)anthracene
Concen: 39.617 ng
RT: 29.334 min Scan# 4433
Delta R.T. 0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Instrument :
BNA_G
ClientSampleId :
PB149019BS



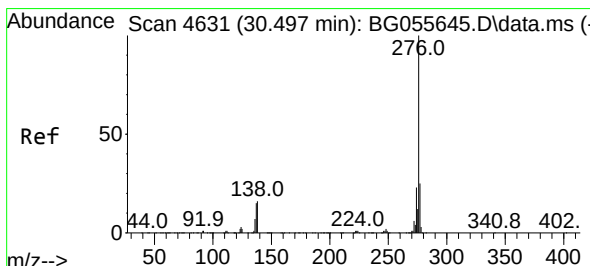
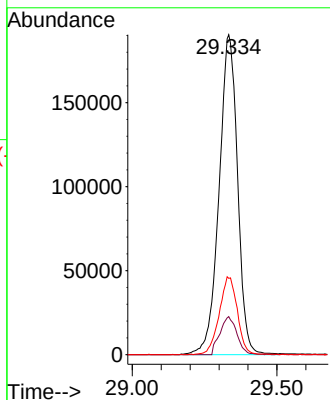
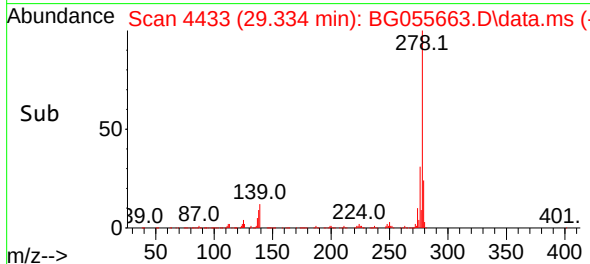
Tgt Ion:278 Resp: 845503
Ion Ratio Lower Upper
278 100
139 11.9 9.8 14.8
279 23.8 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

11/18/2022
Supervised By :Jagrut
Upadhyay

11/18/2022



#92
Benzo(g,h,i)perylene
Concen: 37.975 ng
RT: 30.503 min Scan# 4632
Delta R.T. 0.006 min
Lab File: BG055663.D
Acq: 17 Nov 2022 12:52

Tgt Ion:276 Resp: 816837
Ion Ratio Lower Upper
276 100
277 24.7 19.8 29.6
138 15.6 13.1 19.7

