

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120222\
 Data File : BG055871.D
 Acq On : 2 Dec 2022 12:46
 Operator : CG/JU
 Sample : PB149361BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149361BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/05/2022
 Supervised By : Jagrut Upadhyay 12/05/2022

Quant Time: Dec 02 15:03:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 04:07:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.201	152	30919	20.000	ng	0.00
21) Naphthalene-d8	11.032	136	148359	20.000	ng	0.00
39) Acenaphthene-d10	14.834	164	121307	20.000	ng	0.00
64) Phenanthrene-d10	17.572	188	290034	20.000	ng	0.00
76) Chrysene-d12	21.861	240	269152	20.000	ng	0.00
86) Perylene-d12	25.239	264	270392	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.733	112	241691	141.292	ng	0.00
7) Phenol-d6	7.354	99	323775	142.190	ng	0.00
23) Nitrobenzene-d5	9.376	82	201655	71.842	ng	-0.01
42) 2,4,6-Tribromophenol	16.320	330	200189	117.196	ng	0.00
45) 2-Fluorobiphenyl	13.453	172	553210	68.321	ng	0.00
79) Terphenyl-d14	20.157	244	1050115	78.036	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.547	88	21396	29.269	ng	99
3) Pyridine	3.964	79	62180	27.727	ng	99
4) n-Nitrosodimethylamine	3.876	42	45476	38.302	ng	99
6) Aniline	7.513	93	119801	41.887	ng	99
8) 2-Chlorophenol	7.766	128	93150	47.635	ng	99
9) Benzaldehyde	7.325	77	48830m	31.576	ng	
10) Phenol	7.384	94	119988	47.062	ng	99
11) bis(2-Chloroethyl)ether	7.607	93	79560	40.719	ng	98
12) 1,3-Dichlorobenzene	8.089	146	91277	39.701	ng	100
13) 1,4-Dichlorobenzene	8.236	146	92562	39.842	ng	99
14) 1,2-Dichlorobenzene	8.559	146	91284	41.003	ng	97
15) Benzyl Alcohol	8.441	79	84358m	45.584	ng	
16) 2,2'-oxybis(1-Chloropr...	8.723	45	148084m	41.866	ng	
17) 2-Methylphenol	8.647	107	86129	47.582	ng	99
18) Hexachloroethane	9.293	117	32683	40.873	ng	98
19) n-Nitroso-di-n-propyla...	9.005	70	75704	43.271	ng	99
20) 3+4-Methylphenols	8.976	107	119766	47.364	ng	100
22) Acetophenone	9.029	105	144556	37.497	ng	97
24) Nitrobenzene	9.417	77	107583	36.694	ng	98
25) Isophorone	9.940	82	219228	41.221	ng	98
26) 2-Nitrophenol	10.134	139	56200	41.523	ng	93
27) 2,4-Dimethylphenol	10.186	122	100699m	48.885	ng	
28) bis(2-Chloroethoxy)met...	10.416	93	120483	42.198	ng	100
29) 2,4-Dichlorophenol	10.680	162	105450	42.769	ng	98
30) 1,2,4-Trichlorobenzene	10.891	180	105344	36.777	ng	99
31) Naphthalene	11.079	128	291038	36.289	ng	99
32) Benzoic acid	10.357	122	45299m	26.729	ng	
33) 4-Chloroaniline	11.185	127	104379	31.550	ng	99
34) Hexachlorobutadiene	11.356	225	69833	35.703	ng	95
35) Caprolactam	11.967	113	37278m	43.692	ng	
36) 4-Chloro-3-methylphenol	12.302	107	121267	44.750	ng	96
37) 2-Methylnaphthalene	12.672	142	233128	38.823	ng	97
38) 1-Methylnaphthalene	12.889	142	219846	37.712	ng	99
40) 1,2,4,5-Tetrachloroben...	13.036	216	137179	35.985	ng	99
41) Hexachlorocyclopentadiene	13.013	237	103361	53.797	ng	100
43) 2,4,6-Trichlorophenol	13.277	196	94417	36.309	ng	99

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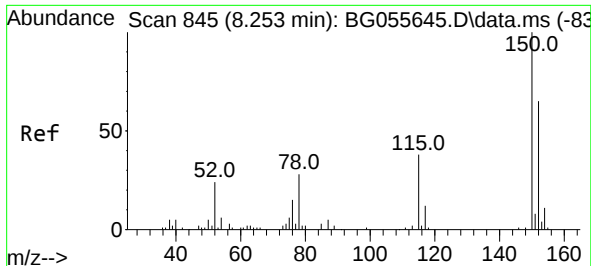
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.353	196	104314	36.503	ng	97
46) 1,1'-Biphenyl	13.671	154	325965	36.875	ng	99
47) 2-Chloronaphthalene	13.718	162	247005	35.949	ng	99
48) 2-Nitroaniline	13.917	65	88524	39.187	ng	96
49) Acenaphthylene	14.558	152	414929	36.673	ng	100
50) Dimethylphthalate	14.276	163	363938	37.635	ng	99
51) 2,6-Dinitrotoluene	14.405	165	78831	39.869	ng	98
52) Acenaphthene	14.899	154	296690m	40.122	ng	
53) 3-Nitroaniline	14.740	138	68156	31.401	ng	98
54) 2,4-Dinitrophenol	14.951	184	85692	75.378	ng	97
55) Dibenzofuran	15.228	168	419562	36.779	ng	99
56) 4-Nitrophenol	15.051	139	114355	67.128	ng	98
57) 2,4-Dinitrotoluene	15.192	165	115270	41.349	ng	93
58) Fluorene	15.874	166	338386	37.139	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.457	232	96836	34.972	ng	97
60) Diethylphthalate	15.627	149	367605	37.600	ng	99
61) 4-Chlorophenyl-phenyle...	15.856	204	190026	37.941	ng	99
62) 4-Nitroaniline	15.897	138	85358	37.620	ng	98
63) Azobenzene	16.150	77	312508	36.613	ng	99
65) 4,6-Dinitro-2-methylph...	15.962	198	64988	40.128	ng	94
66) n-Nitrosodiphenylamine	16.074	169	306696	38.370	ng	99
67) 4-Bromophenyl-phenylether	16.749	248	128372	38.846	ng	99
68) Hexachlorobenzene	16.879	284	141102	38.508	ng	98
69) Atrazine	17.014	200	130819	41.382	ng	99
70) Pentachlorophenol	17.225	266	159176	71.012	ng	99
71) Phenanthrene	17.619	178	575363	36.761	ng	100
72) Anthracene	17.707	178	580573	38.177	ng	99
73) Carbazole	17.977	167	527325	38.572	ng	99
74) Di-n-butylphthalate	18.506	149	633951	37.345	ng	99
75) Fluoranthene	19.617	202	685125	35.981	ng	100
77) Benzidine	19.781	184	284939	45.761	ng	99
78) Pyrene	19.975	202	693190	38.049	ng	100
80) Butylbenzylphthalate	20.833	149	274091	38.431	ng	100
81) Benzo(a)anthracene	21.843	228	692001	37.329	ng	100
82) 3,3'-Dichlorobenzidine	21.743	252	232499	35.692	ng	99
83) Chrysene	21.914	228	651653	36.925	ng	100
84) Bis(2-ethylhexyl)phtha...	21.708	149	397066	38.739	ng	99
85) Di-n-octyl phthalate	22.960	149	674306	38.442	ng	100
87) Indeno(1,2,3-cd)pyrene	29.141	276	819339	36.988	ng	# 96
88) Benzo(b)fluoranthene	24.158	252	714414	40.570	ng	99
89) Benzo(k)fluoranthene	24.235	252	719490	40.989	ng	99
90) Benzo(a)pyrene	25.087	252	644056	42.621	ng	99
91) Dibenzo(a,h)anthracene	29.199	278	705455	38.972	ng	99
92) Benzo(g,h,i)perylene	30.363	276	690463	37.846	ng	99

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

Manual Integrations APPROVED

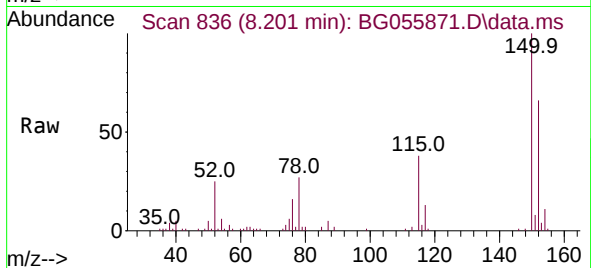
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.201 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

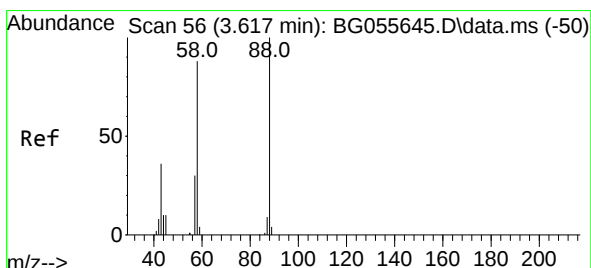
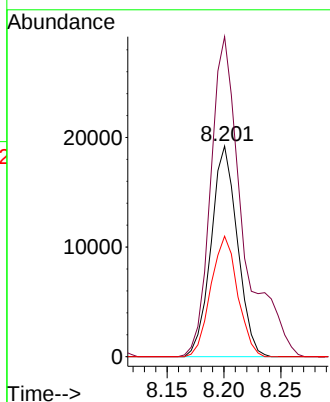
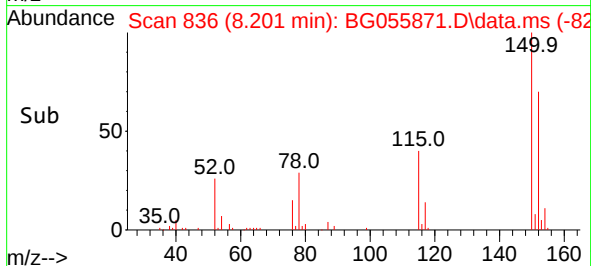
Instrument :
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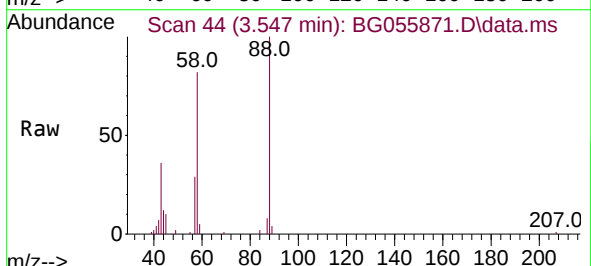
Tgt Ion:152 Resp: 30919
Ion Ratio Lower Upper
152 100
150 152.0 123.0 184.6
115 57.2 47.0 70.4

Manual Integrations
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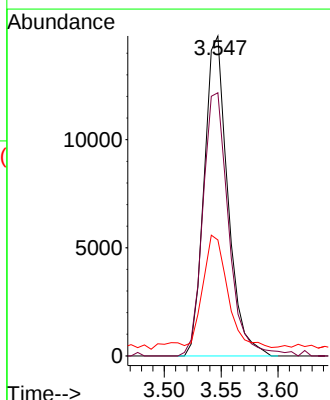
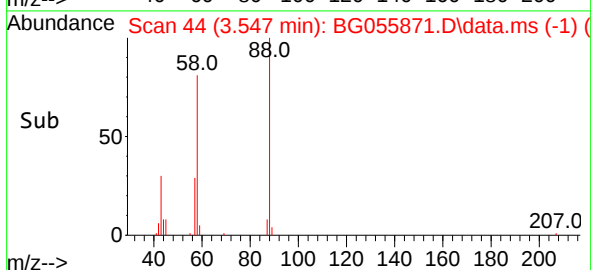
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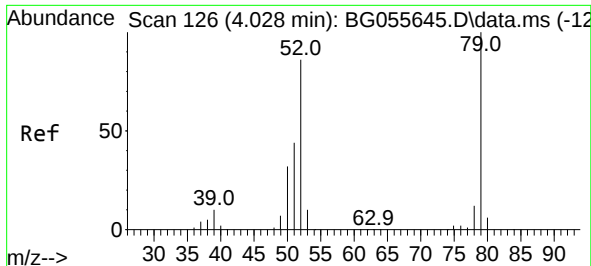


#2
1,4-Dioxane
Concen: 29.269 ng
RT: 3.547 min Scan# 44
Delta R.T. -0.011 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46



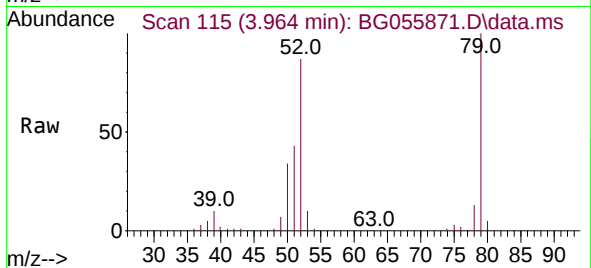
Tgt Ion: 88 Resp: 21396
Ion Ratio Lower Upper
88 100
58 89.8 71.3 106.9
43 36.9 28.6 43.0





#3
Pyridine
Concen: 27.727 ng
RT: 3.964 min Scan# 115
Delta R.T. -0.011 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

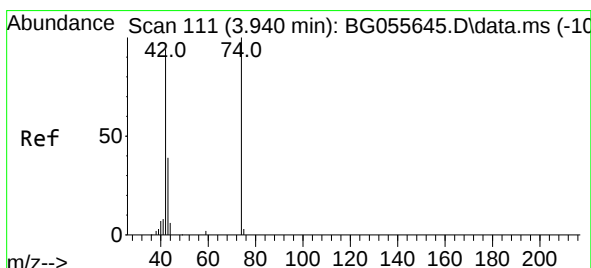
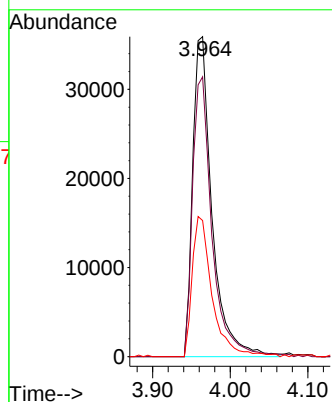
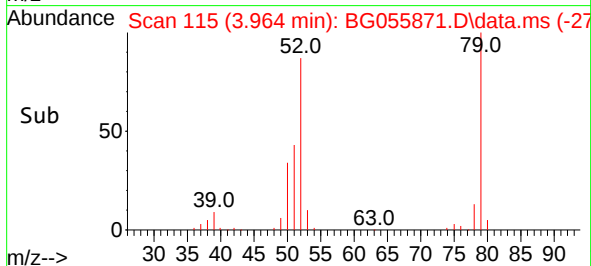
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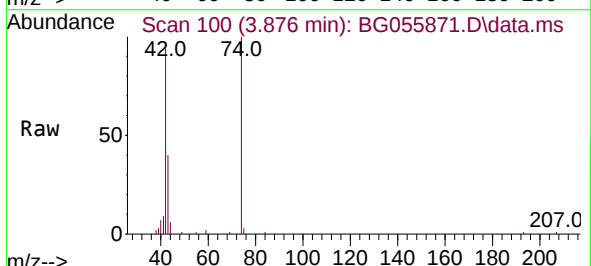
Tgt Ion: 79 Resp: 62180
Ion Ratio Lower Upper
79 100
52 87.4 68.9 103.3
51 42.5 34.8 52.2

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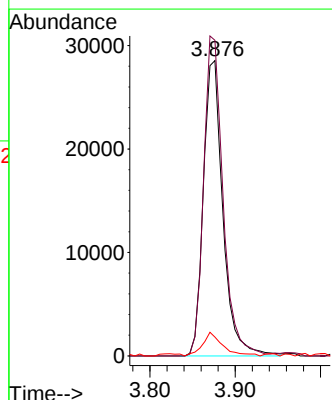
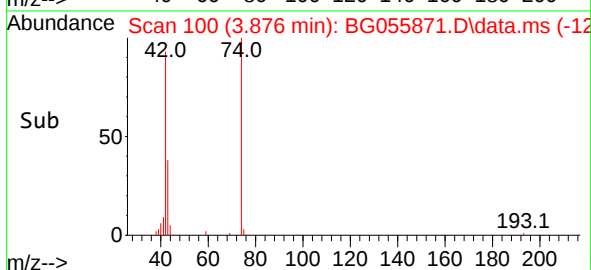
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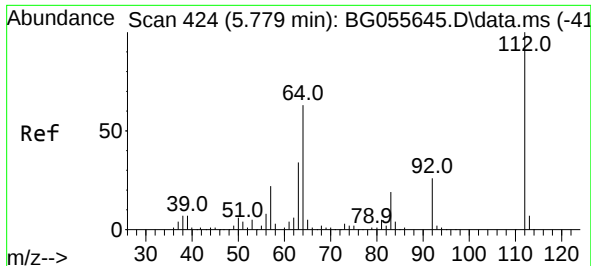


#4
n-Nitrosodimethylamine
Concen: 38.302 ng
RT: 3.876 min Scan# 100
Delta R.T. -0.011 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46



Tgt Ion: 42 Resp: 45476
Ion Ratio Lower Upper
42 100
74 106.9 84.7 127.1
44 6.4 5.4 8.0





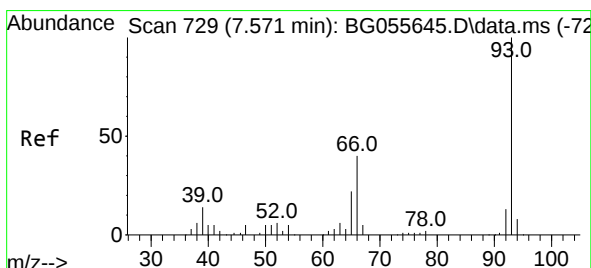
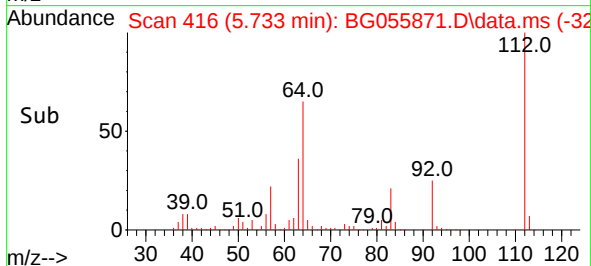
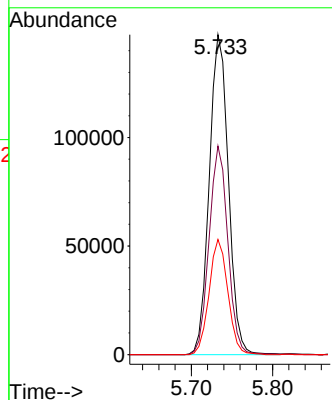
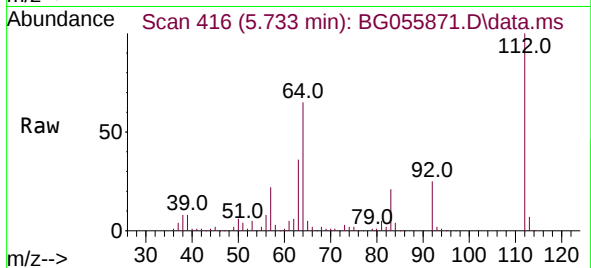
#5
2-Fluorophenol
Concen: 141.292 ng
RT: 5.733 min Scan# 416
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

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Tgt Ion:112 Resp: 241691
Ion Ratio Lower Upper
112 100
64 65.2 50.6 76.0
63 36.0 27.5 41.3

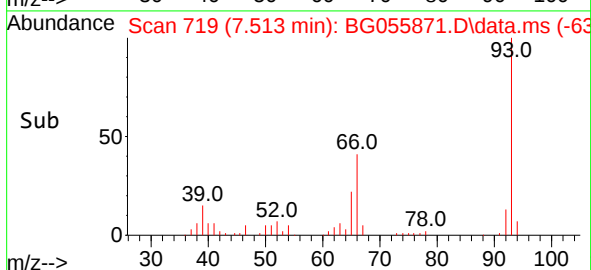
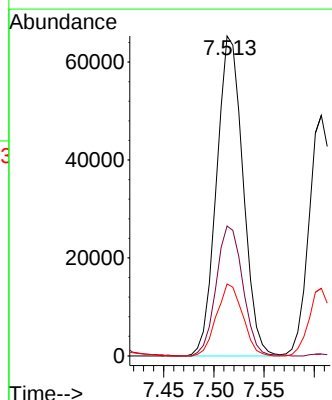
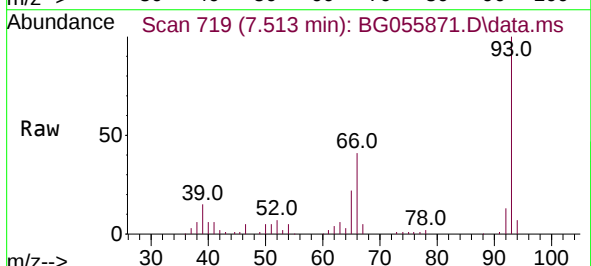
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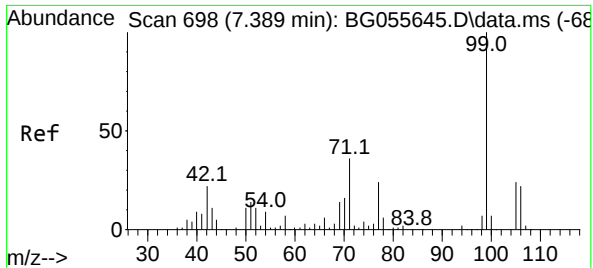
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#6
Aniline
Concen: 41.887 ng
RT: 7.513 min Scan# 719
Delta R.T. -0.011 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

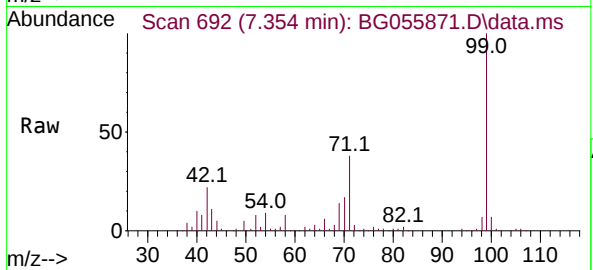
Tgt Ion: 93 Resp: 119801
Ion Ratio Lower Upper
93 100
66 40.6 31.7 47.5
65 22.5 17.9 26.9





#7
Phenol-d6
Concen: 142.190 ng
RT: 7.354 min Scan# 691
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

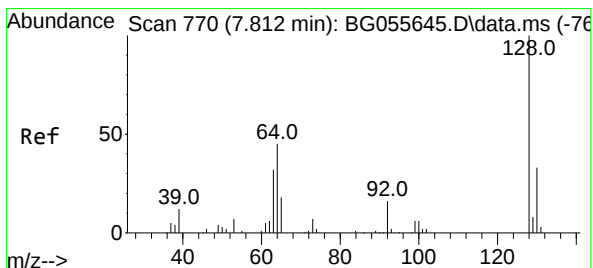
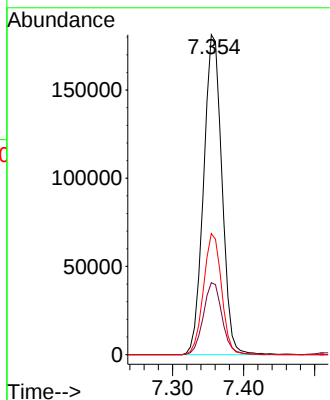
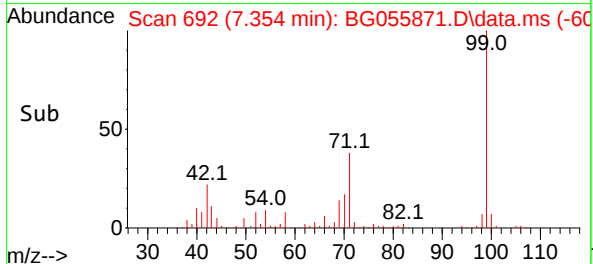
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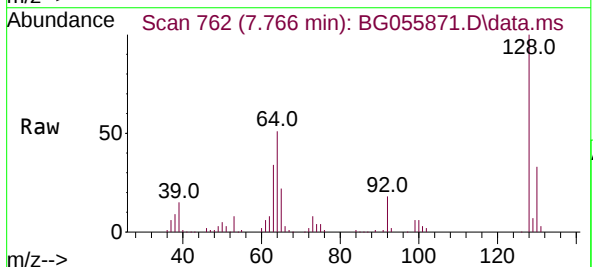
Tgt Ion: 99 Resp: 323775
Ion Ratio Lower Upper
99 100
42 22.5 18.0 27.0
71 37.8 29.0 43.6

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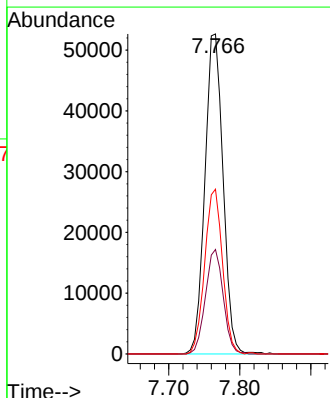
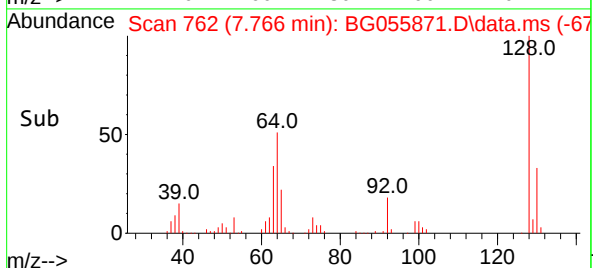
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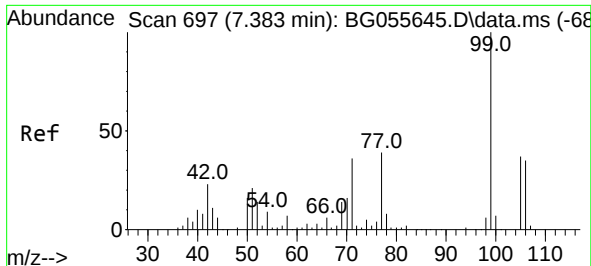


#8
2-Chlorophenol
Concen: 47.635 ng
RT: 7.766 min Scan# 762
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46



Tgt Ion:128 Resp: 93150
Ion Ratio Lower Upper
128 100
130 32.6 13.1 53.1
64 51.5 30.2 70.2





#9
Benzaldehyde
Concen: 31.576 ng m
RT: 7.325 min Scan# 687
Delta R.T. -0.011 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

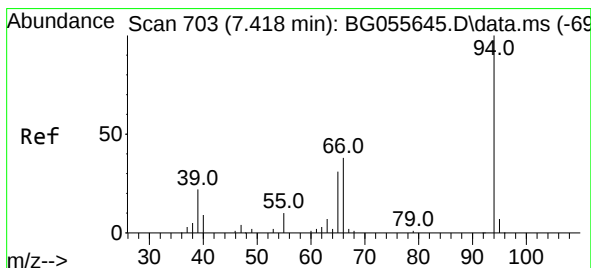
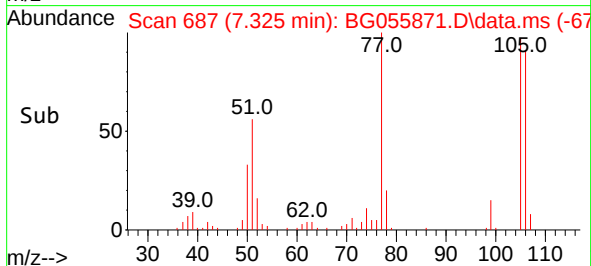
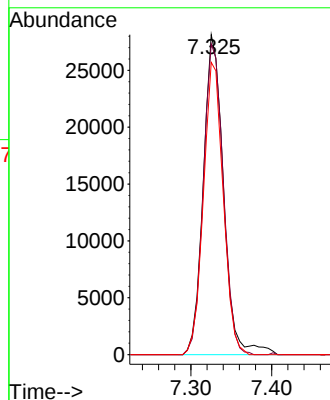
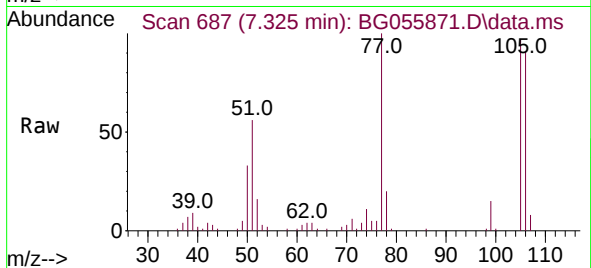
PB149361BS

Tgt Ion: 77 Resp: 48830
Ion Ratio Lower Upper
77 100
105 97.1 76.3 116.3
106 91.3 69.8 109.8

Manual Integrations

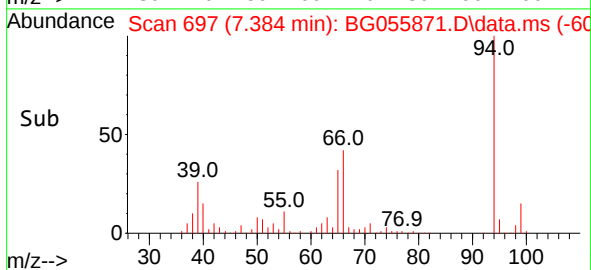
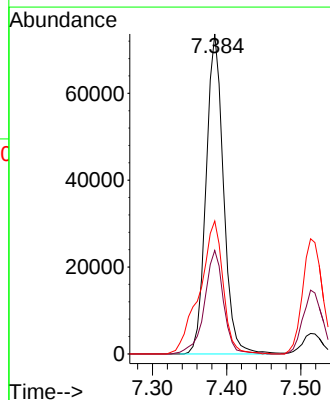
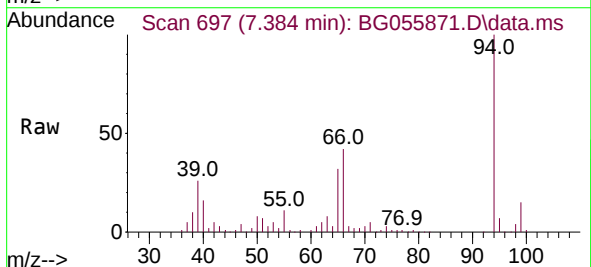
APPROVED

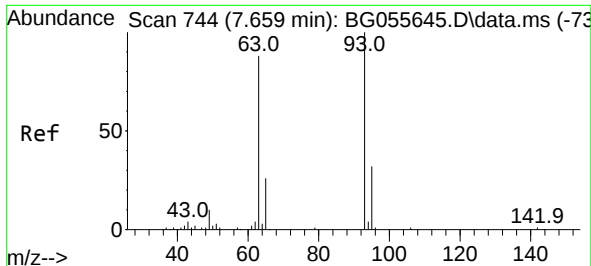
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#10
Phenol
Concen: 47.062 ng
RT: 7.384 min Scan# 697
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Tgt Ion: 94 Resp: 119988
Ion Ratio Lower Upper
94 100
65 32.4 11.8 51.8
66 41.5 20.5 60.5





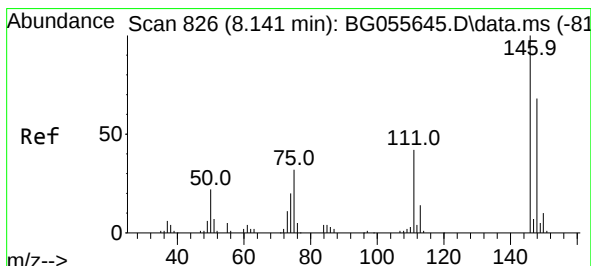
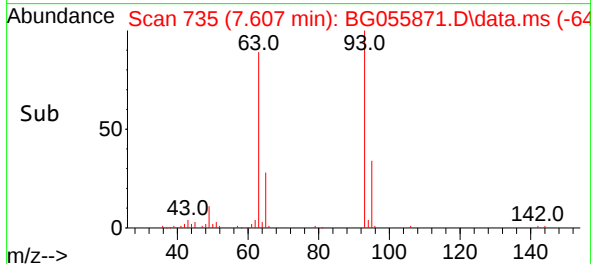
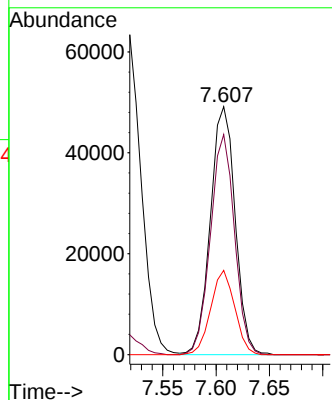
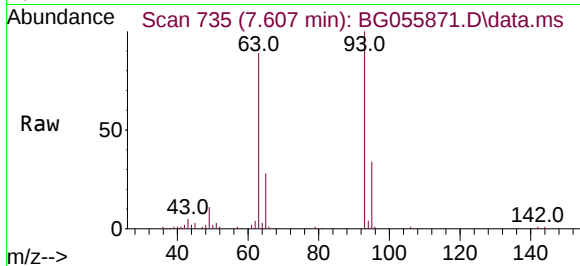
#11
bis(2-Chloroethyl)ether
Concen: 40.719 ng
RT: 7.607 min Scan# 744
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Instrument :
BNA_G
ClientSampleId :
PB149361BS

Tgt Ion: 93 Resp: 79560
Ion Ratio Lower Upper
93 100
63 88.8 67.6 107.6
95 34.0 11.8 51.8

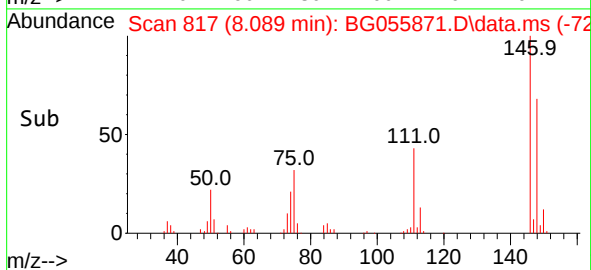
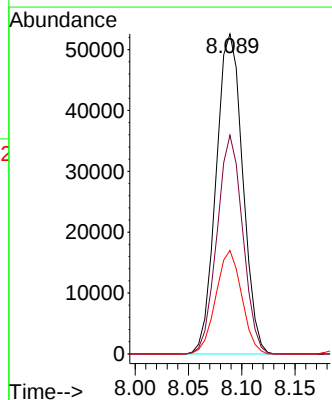
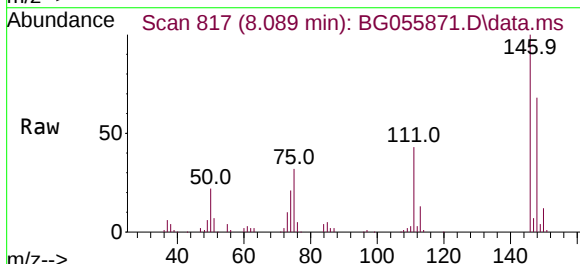
Manual Integrations
APPROVED

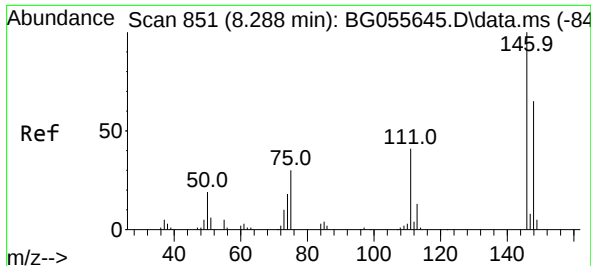
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#12
1,3-Dichlorobenzene
Concen: 39.701 ng
RT: 8.089 min Scan# 817
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

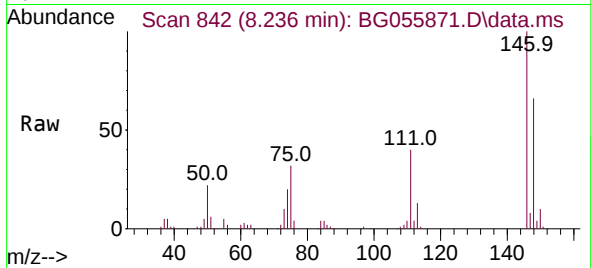
Tgt Ion:146 Resp: 91277
Ion Ratio Lower Upper
146 100
148 68.3 54.6 81.8
75 32.3 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 39.842 ng
RT: 8.236 min Scan# 84
Delta R.T. -0.011 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

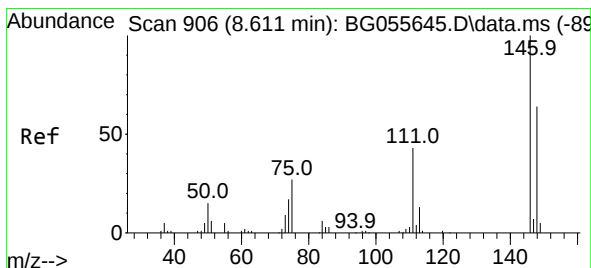
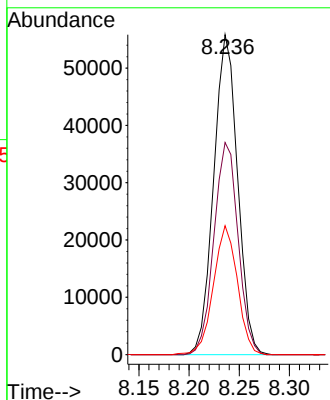
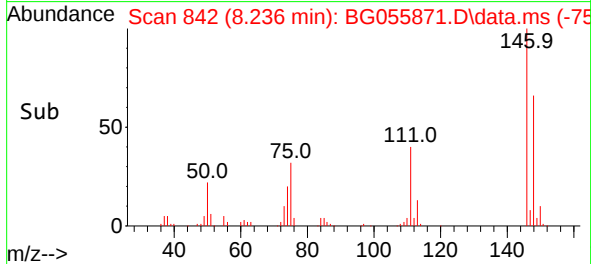
Instrument :
BNA_G
ClientSampleId :
PB149361BS



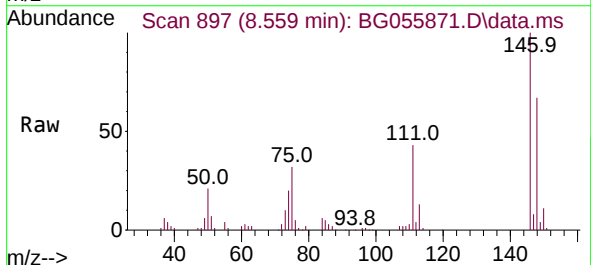
Tgt Ion:146 Resp: 92562
Ion Ratio Lower Upper
146 100
148 66.3 52.1 78.1
111 40.3 33.0 49.4

Manual Integrations
APPROVED

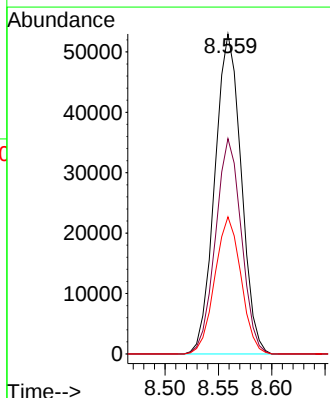
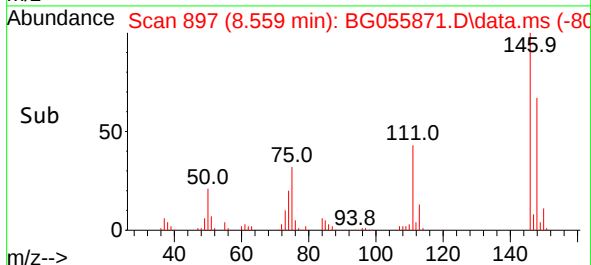
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022

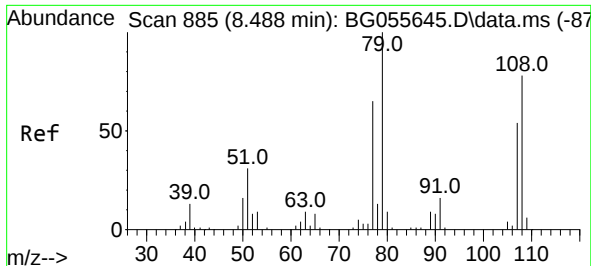


#14
1,2-Dichlorobenzene
Concen: 41.003 ng
RT: 8.559 min Scan# 897
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46



Tgt Ion:146 Resp: 91284
Ion Ratio Lower Upper
146 100
148 67.3 50.9 76.3
111 42.8 34.5 51.7





#15
Benzyl Alcohol
Concen: 45.584 ng m
RT: 8.441 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

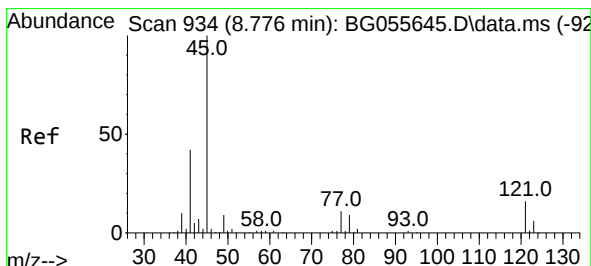
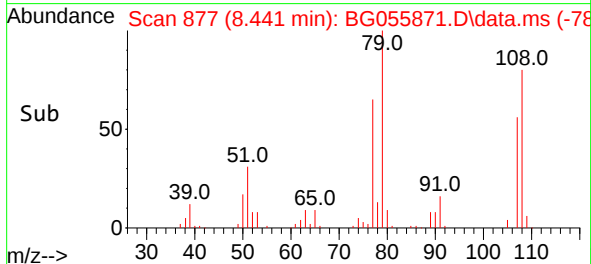
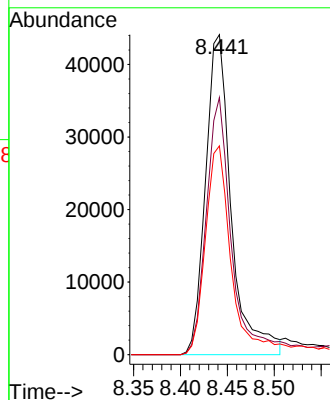
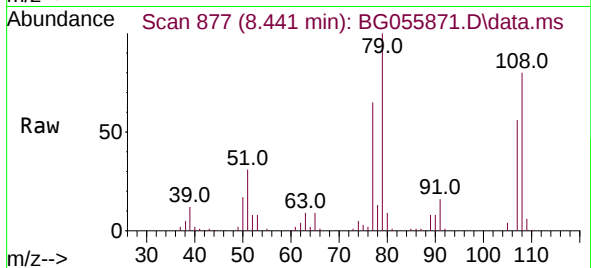
PB149361BS

Tgt Ion: 79 Resp: 84358
Ion Ratio Lower Upper
79 100
108 80.3 62.6 93.8
77 65.2 52.4 78.6

Manual Integrations

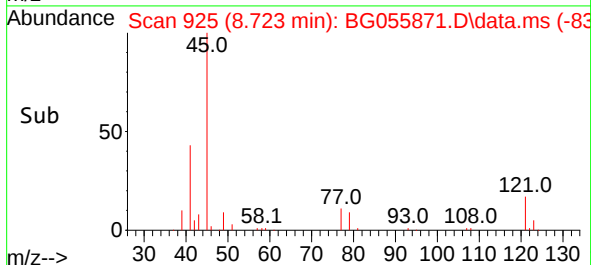
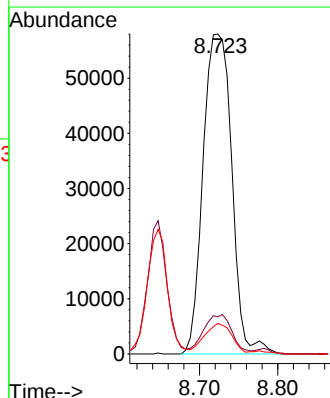
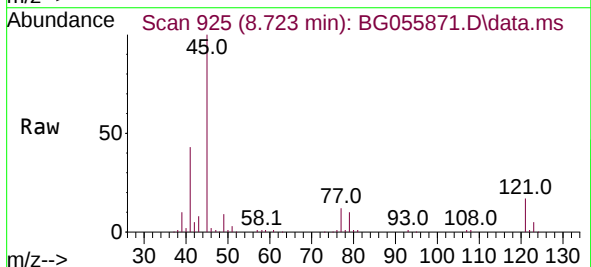
APPROVED

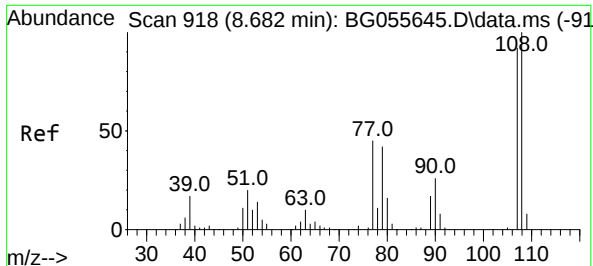
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.866 ng m
RT: 8.723 min Scan# 925
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

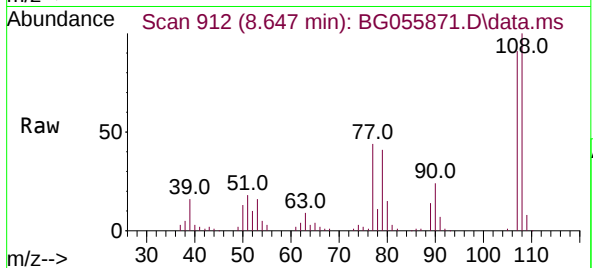
Tgt Ion: 45 Resp: 148084
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.7
79 9.5 0.0 29.5





#17
2-Methylphenol
Concen: 47.582 ng
RT: 8.647 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

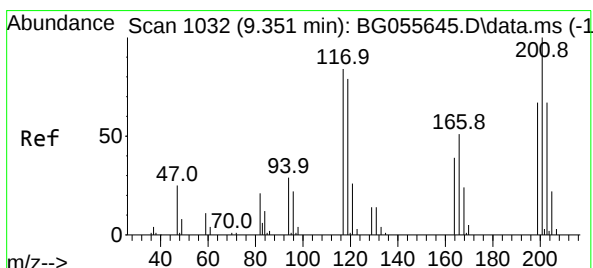
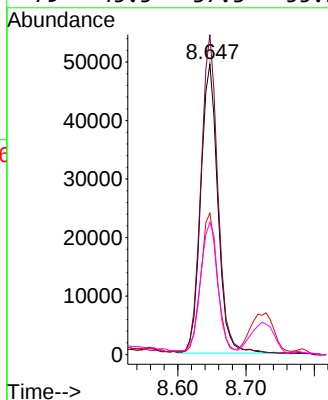
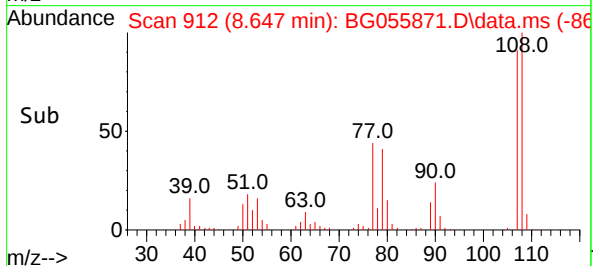
Instrument :
BNA_G
ClientSampleId :
PB149361BS



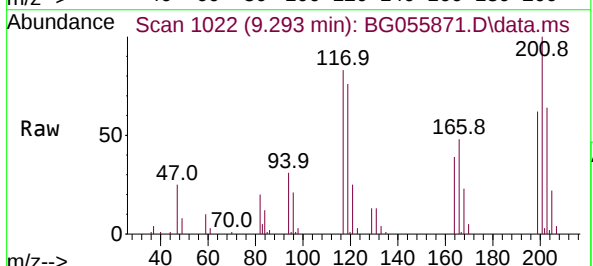
Tgt Ion:	107	Resp:	86129
Ion	Ratio	Lower	Upper
107	100		
108	110.2	87.3	130.9
77	48.7	39.4	59.0
79	45.5	37.3	55.9

Manual Integrations
APPROVED

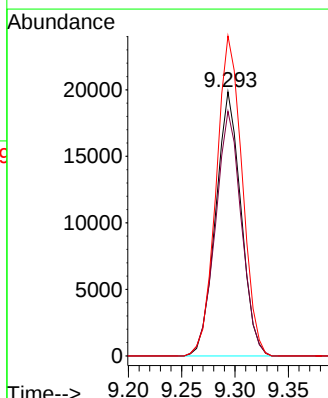
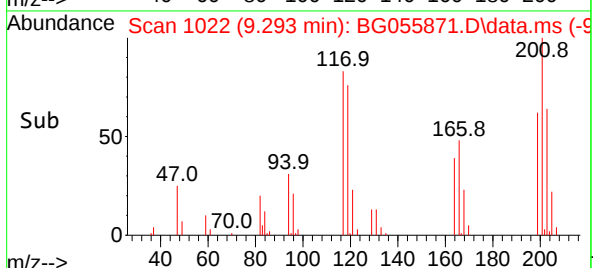
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022

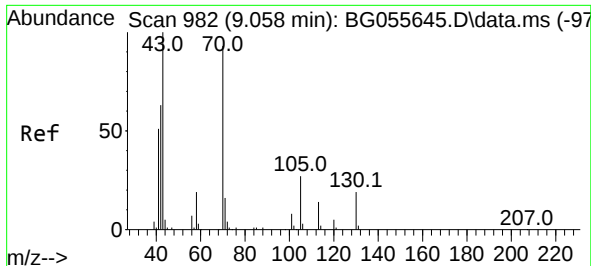


#18
Hexachloroethane
Concen: 40.873 ng
RT: 9.293 min Scan# 1022
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46



Tgt Ion:	117	Resp:	32683
Ion	Ratio	Lower	Upper
117	100		
119	92.6	76.0	114.0
201	121.2	98.6	148.0





#19
n-Nitroso-di-n-propylamine
Concen: 43.271 ng
RT: 9.005 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

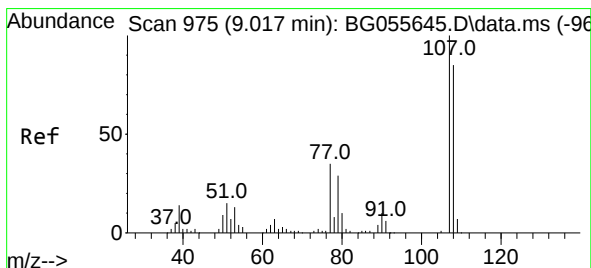
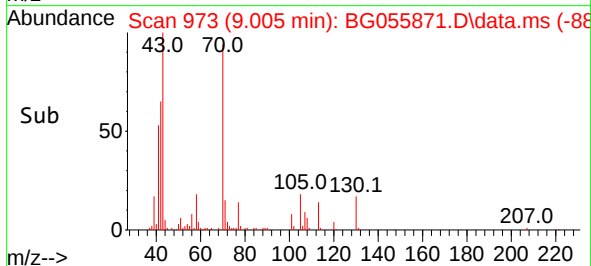
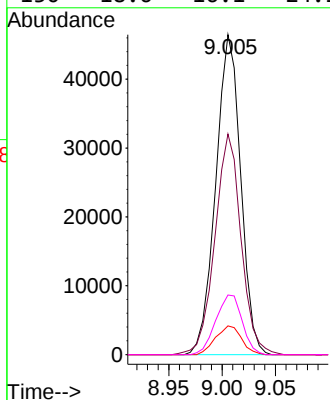
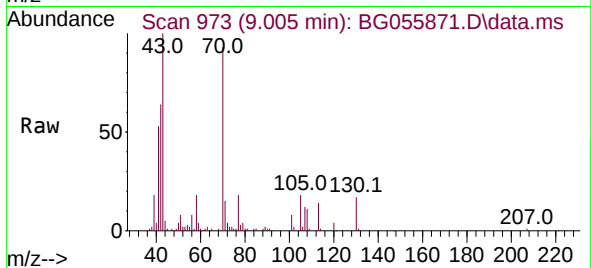
PB149361BS

Tgt Ion: 70 Resp: 75704
Ion Ratio Lower Upper
70 100
42 68.9 55.2 82.8
101 9.0 7.1 10.7
130 18.6 16.1 24.1

Manual Integrations

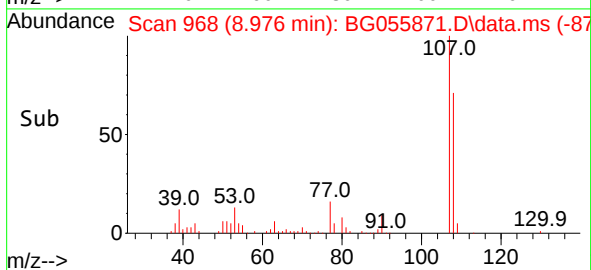
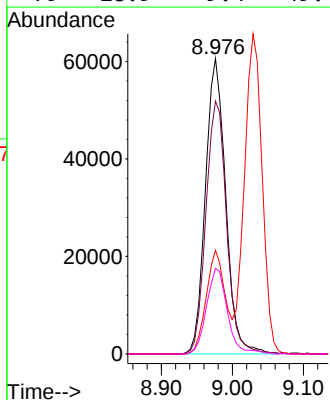
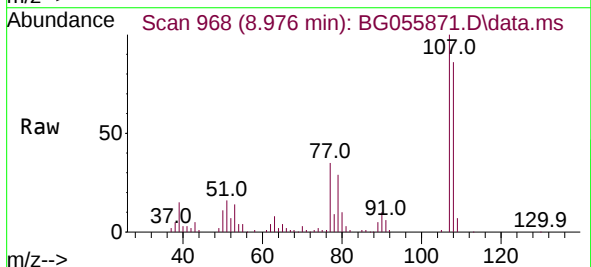
APPROVED

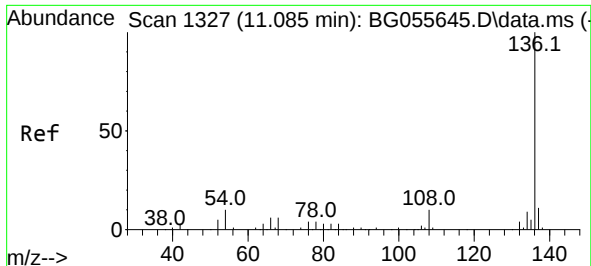
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#20
3+4-Methylphenols
Concen: 47.364 ng
RT: 8.976 min Scan# 968
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Tgt Ion:107 Resp: 119766
Ion Ratio Lower Upper
107 100
108 85.5 65.5 105.5
77 35.1 14.6 54.6
79 28.9 9.4 49.4





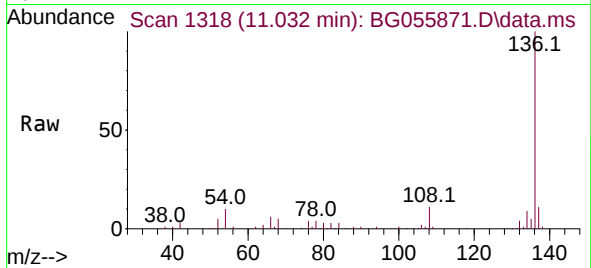
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.032 min Scan# 1327
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

PB149361BS

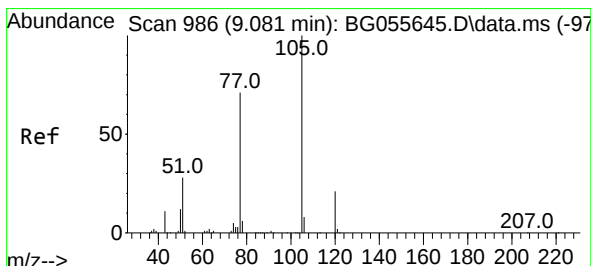
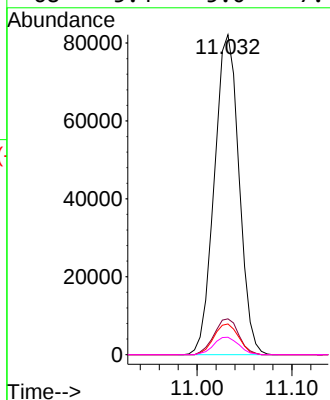
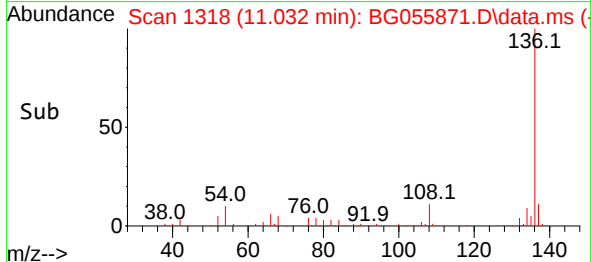


Tgt Ion:136 Resp: 148359
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.6 7.8 11.6
68 5.4 5.0 7.4

Manual Integrations

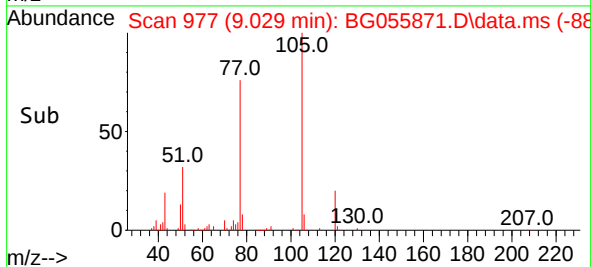
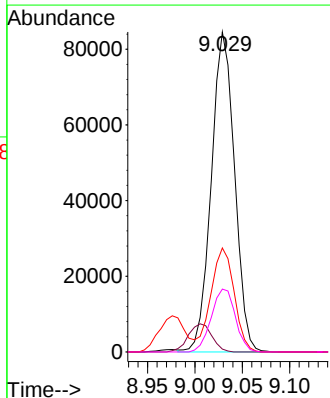
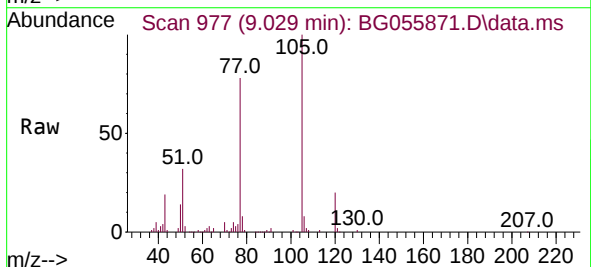
APPROVED

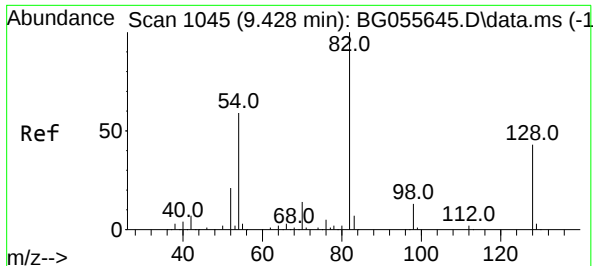
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#22
Acetophenone
Concen: 37.497 ng
RT: 9.029 min Scan# 977
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Tgt Ion:105 Resp: 144556
Ion Ratio Lower Upper
105 100
71 0.9 0.6 1.0
51 32.5 24.5 36.7
120 19.6 16.6 25.0





#23

Nitrobenzene-d5

Concen: 71.842 ng

RT: 9.376 min Scan# 1043

Delta R.T. -0.011 min

Lab File: BG055871.D

Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

PB149361BS

Tgt Ion: 82 Resp: 201655

Ion Ratio Lower Upper

82 100

128 42.4 34.1 51.1

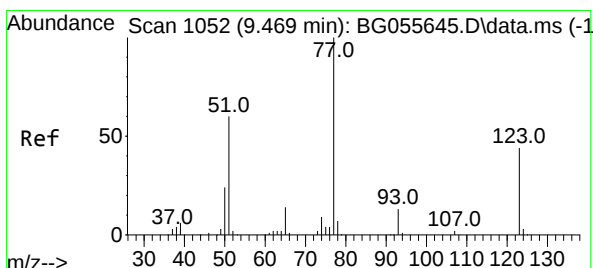
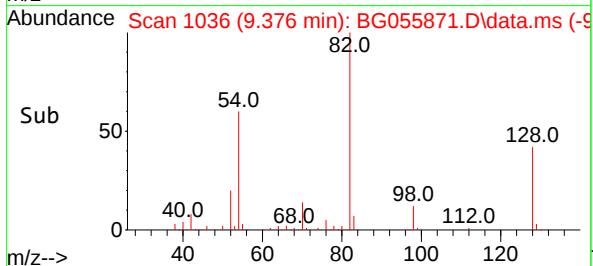
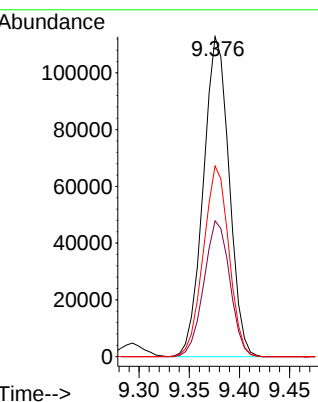
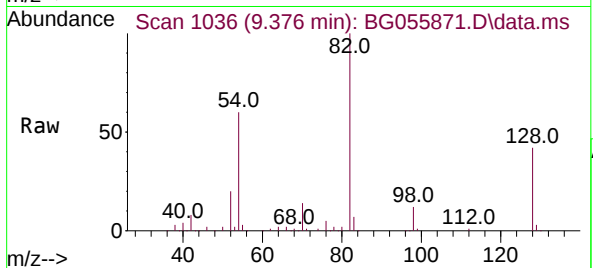
54 59.6 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/05/2022

Supervised By :Jagrut Upadhyay 12/05/2022



#24

Nitrobenzene

Concen: 36.694 ng

RT: 9.417 min Scan# 1043

Delta R.T. -0.011 min

Lab File: BG055871.D

Acq: 2 Dec 2022 12:46

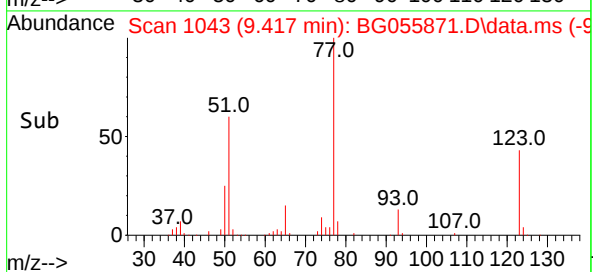
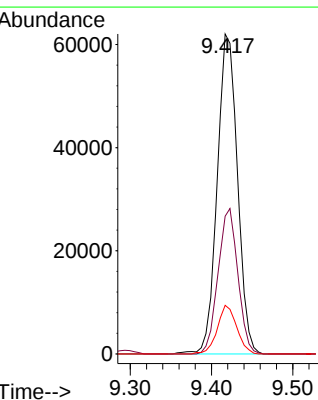
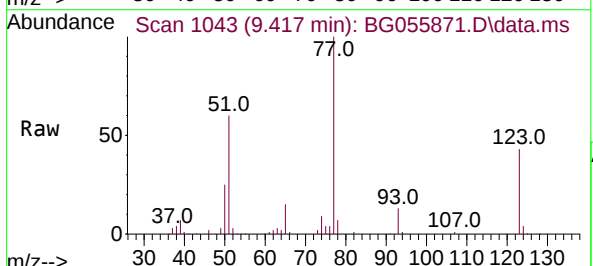
Tgt Ion: 77 Resp: 107583

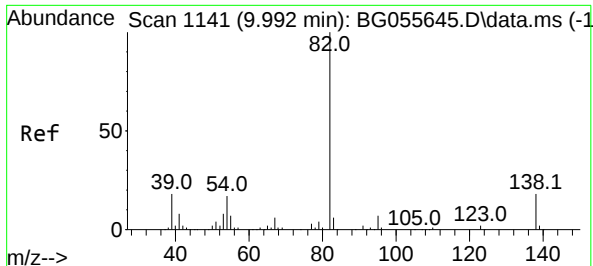
Ion Ratio Lower Upper

77 100

123 43.0 35.5 53.3

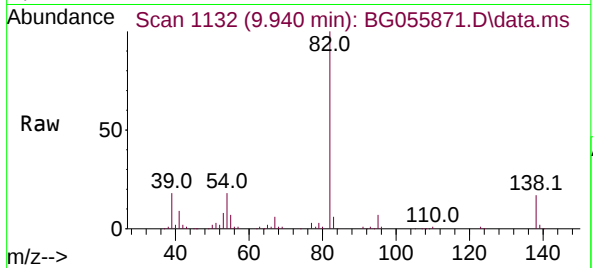
65 15.2 11.5 17.3





#25
Isophorone
Concen: 41.221 ng
RT: 9.940 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

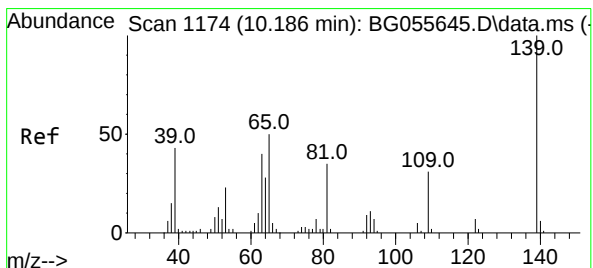
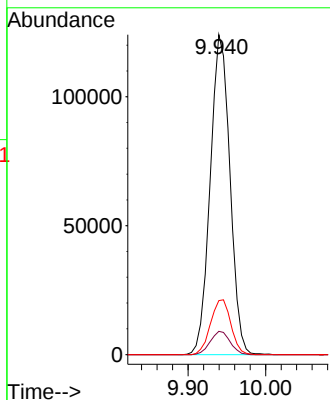
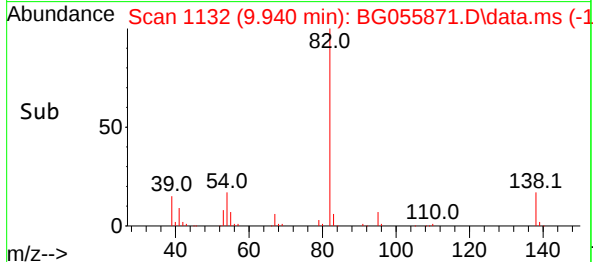
Instrument :
BNA_G
ClientSampleId :
PB149361BS



Tgt Ion: 82 Resp: 219228
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 16.9 14.2 21.4

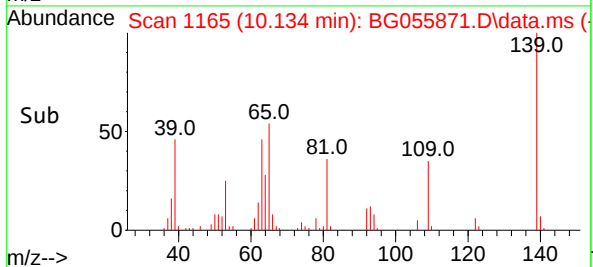
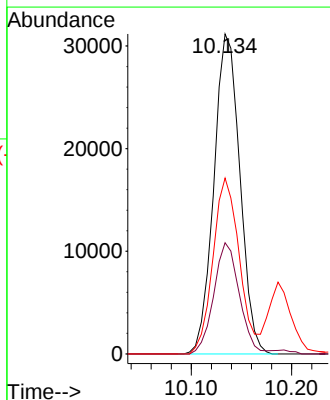
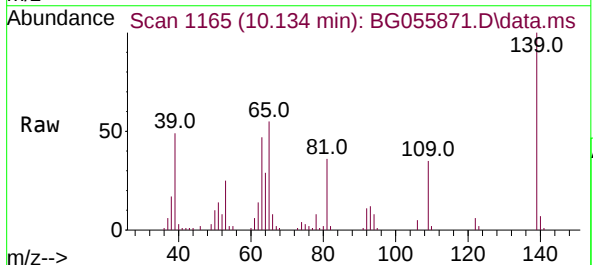
Manual Integrations
APPROVED

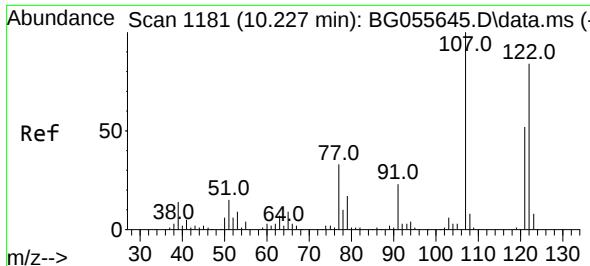
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#26
2-Nitrophenol
Concen: 41.523 ng
RT: 10.134 min Scan# 1165
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Tgt Ion:139 Resp: 56200
Ion Ratio Lower Upper
139 100
109 34.7 24.4 36.6
65 54.9 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 48.885 ng m

RT: 10.186 min Scan# 1181

Delta R.T. -0.005 min

Lab File: BG055871.D

Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

PB149361BS

Tgt Ion:122 Resp: 100699

Ion Ratio Lower Upper

122 100

107 124.0 95.8 143.6

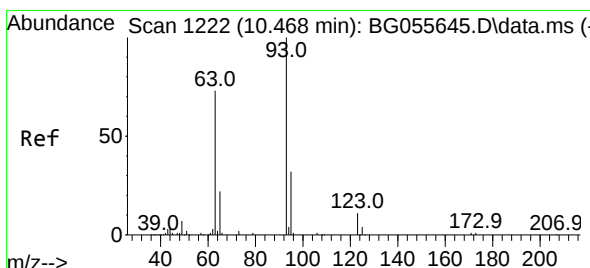
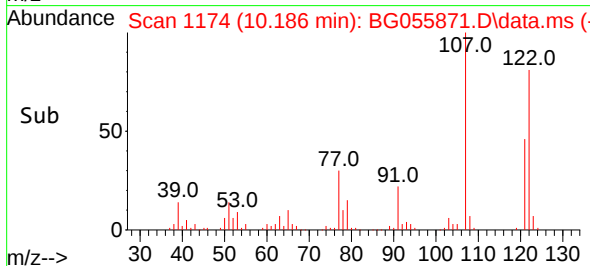
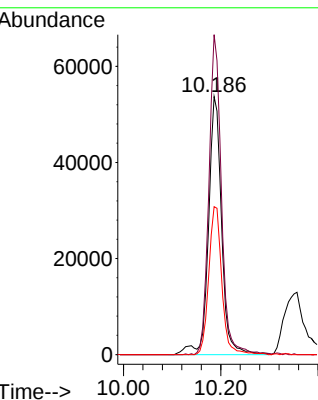
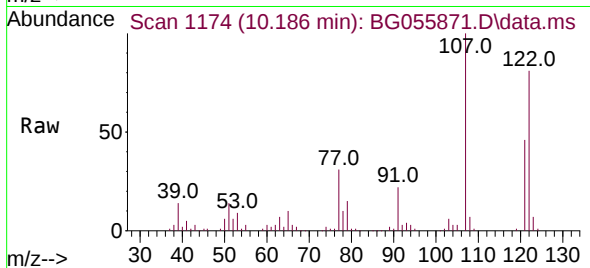
121 57.3 49.6 74.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/05/2022

Supervised By :Jagrut Upadhyay 12/05/2022



#28

bis(2-Chloroethoxy)methane

Concen: 42.198 ng

RT: 10.416 min Scan# 1213

Delta R.T. -0.005 min

Lab File: BG055871.D

Acq: 2 Dec 2022 12:46

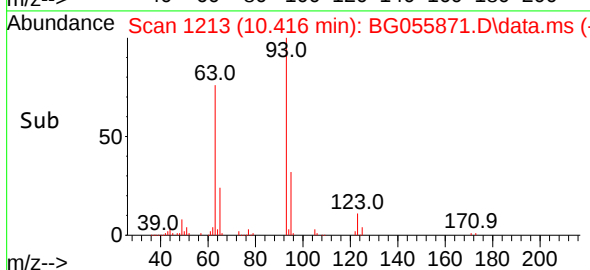
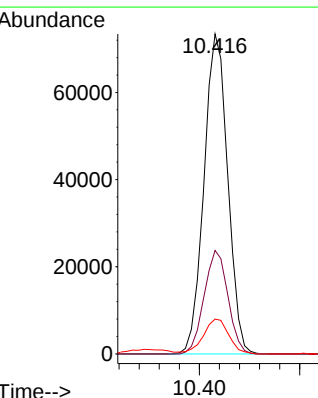
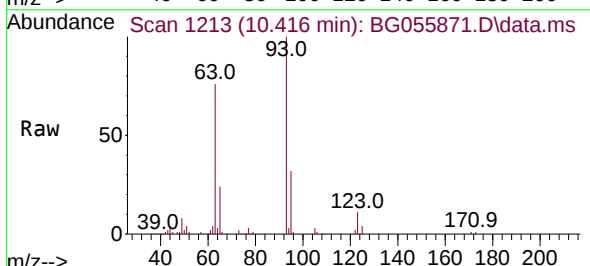
Tgt Ion: 93 Resp: 120483

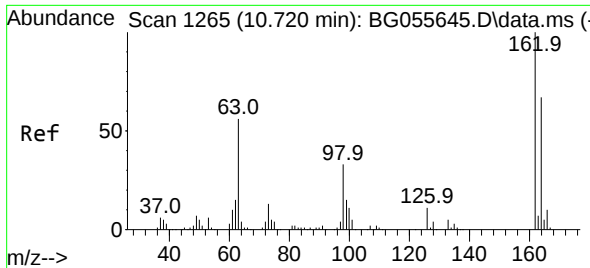
Ion Ratio Lower Upper

93 100

95 32.3 25.7 38.5

123 10.9 8.9 13.3





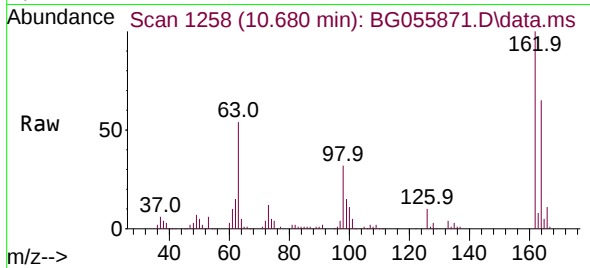
#29
2,4-Dichlorophenol
Concen: 42.769 ng
RT: 10.680 min Scan# 1258
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

PB149361BS

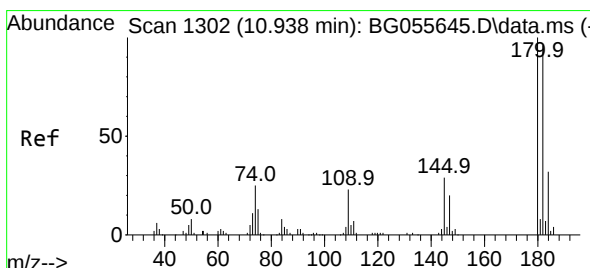
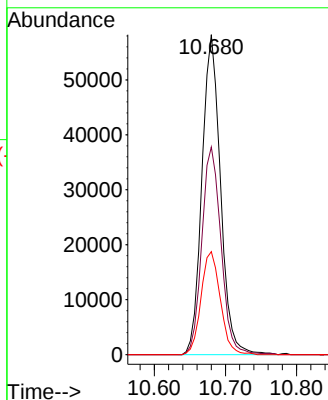
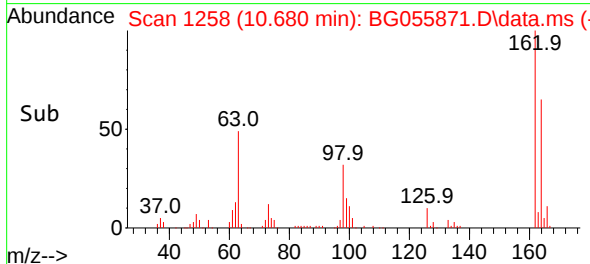


Tgt Ion:162 Resp: 105450
Ion Ratio Lower Upper
162 100
164 64.9 46.7 86.7
98 32.2 12.8 52.8

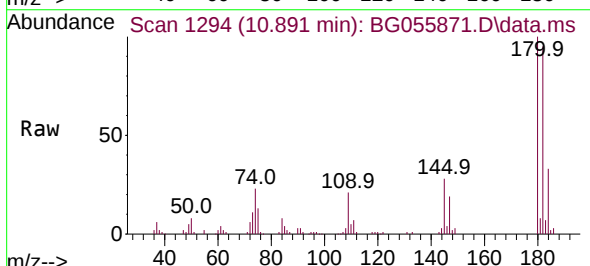
Manual Integrations

APPROVED

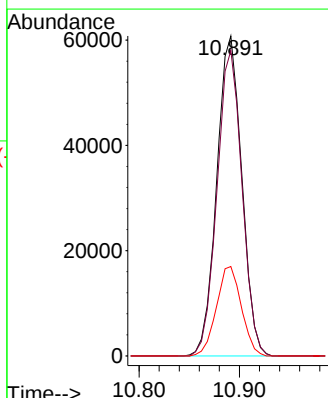
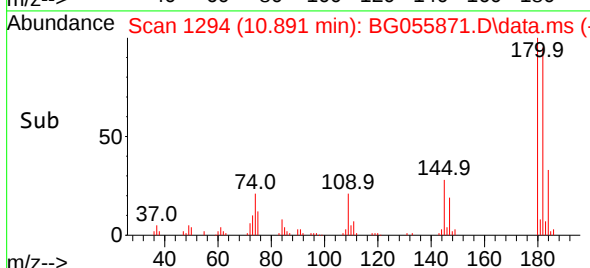
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022

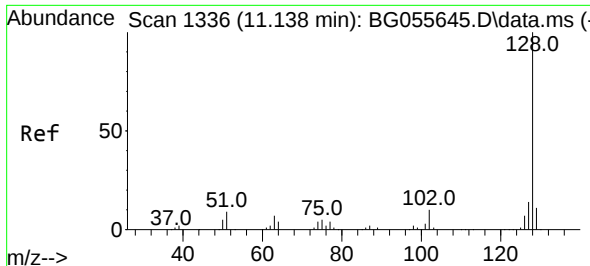


#30
1,2,4-Trichlorobenzene
Concen: 36.777 ng
RT: 10.891 min Scan# 1294
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46



Tgt Ion:180 Resp: 105344
Ion Ratio Lower Upper
180 100
182 95.4 77.1 115.7
145 27.9 22.9 34.3





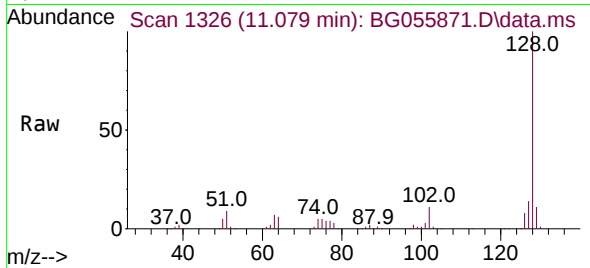
#31
Naphthalene
Concen: 36.289 ng
RT: 11.079 min Scan# 1336
Delta R.T. -0.011 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

PB149361BS

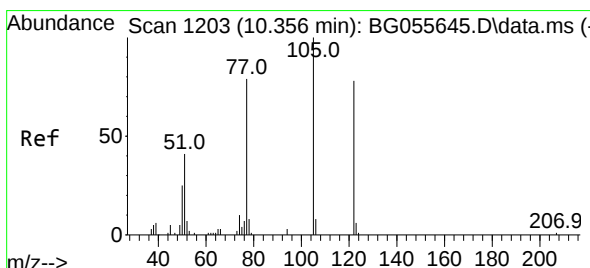
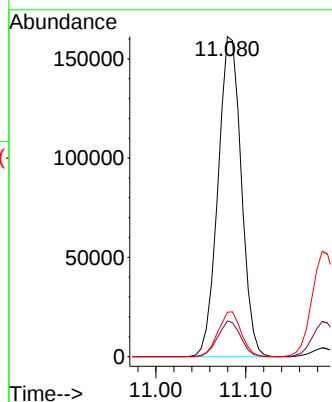


Tgt Ion:128 Resp: 291038
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.9 10.9 16.3

Manual Integrations

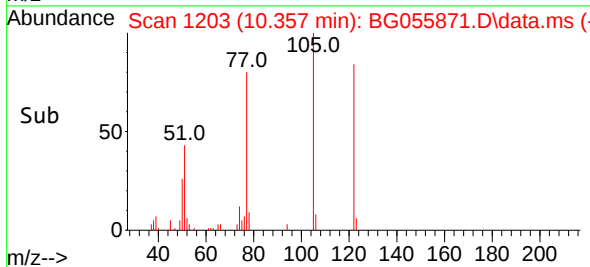
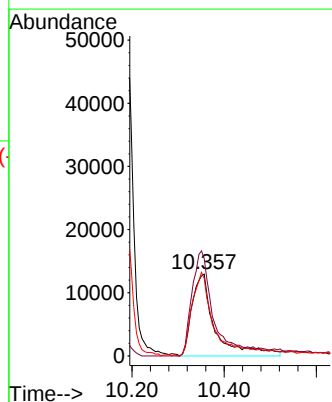
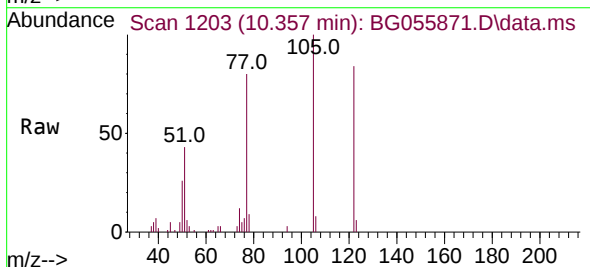
APPROVED

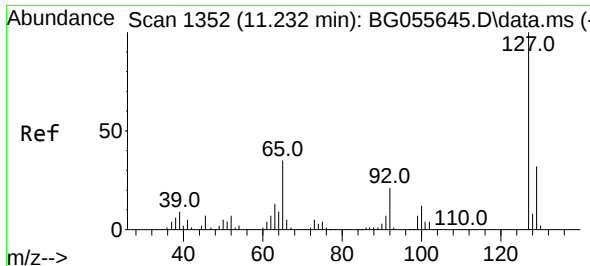
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#32
Benzoic acid
Concen: 26.729 ng m
RT: 10.357 min Scan# 1203
Delta R.T. 0.024 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Tgt Ion:122 Resp: 45299
Ion Ratio Lower Upper
122 100
105 118.7 104.3 144.3
77 94.6 79.9 119.9





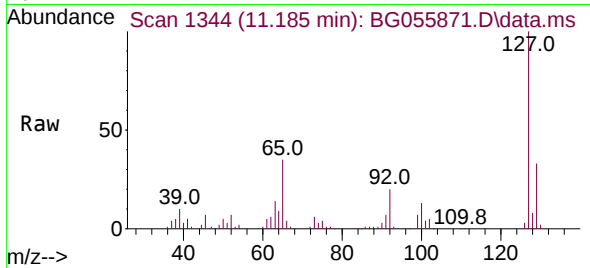
#33
4-Chloroaniline
Concen: 31.550 ng
RT: 11.185 min Scan# 1352
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

PB149361BS

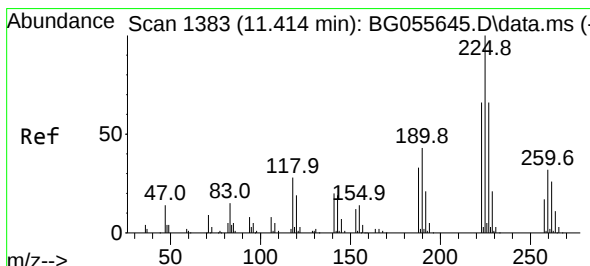
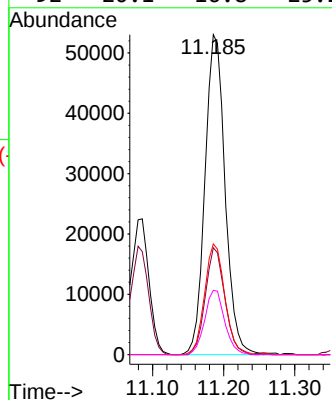
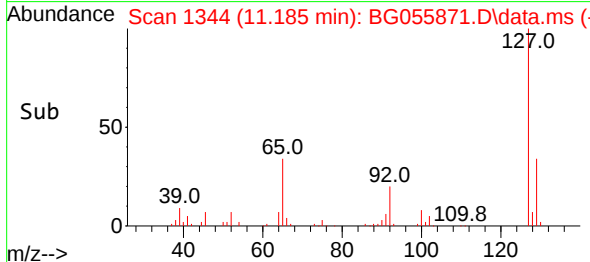


Tgt Ion:127 Resp: 104379
Ion Ratio Lower Upper
127 100
129 33.4 25.9 38.9
65 34.6 27.9 41.9
92 20.1 16.8 25.2

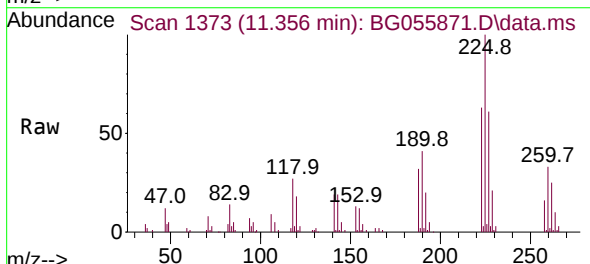
Manual Integrations

APPROVED

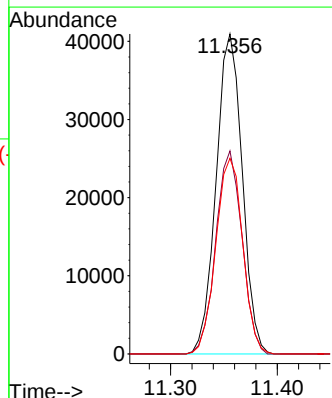
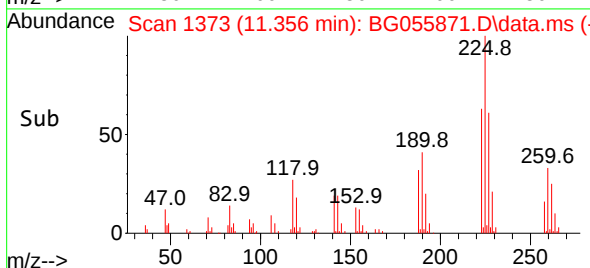
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022

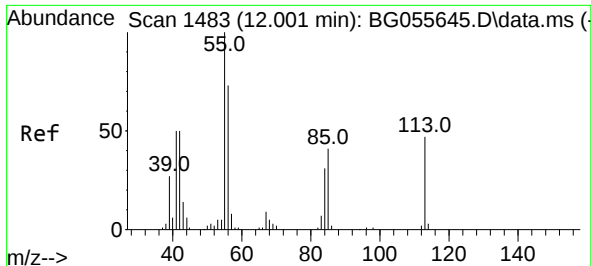


#34
Hexachlorobutadiene
Concen: 35.703 ng
RT: 11.356 min Scan# 1373
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46



Tgt Ion:225 Resp: 69833
Ion Ratio Lower Upper
225 100
223 63.4 52.9 79.3
227 61.1 52.6 79.0





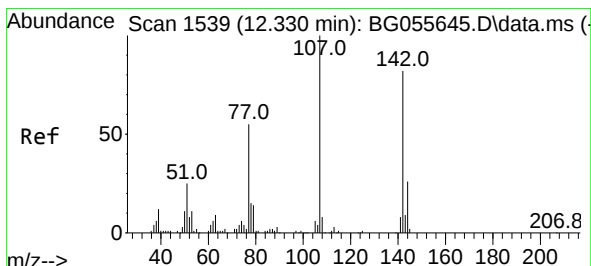
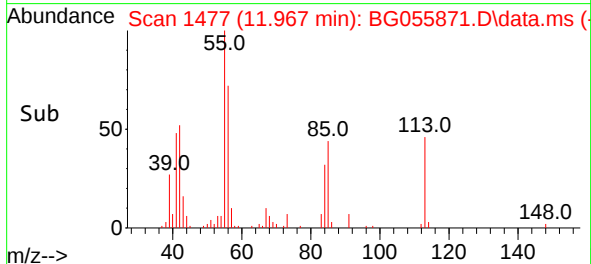
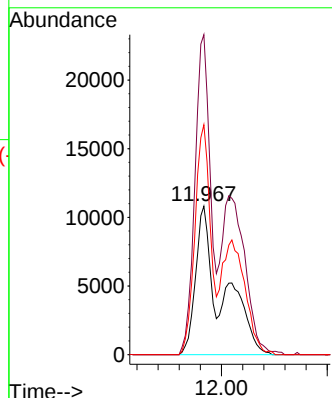
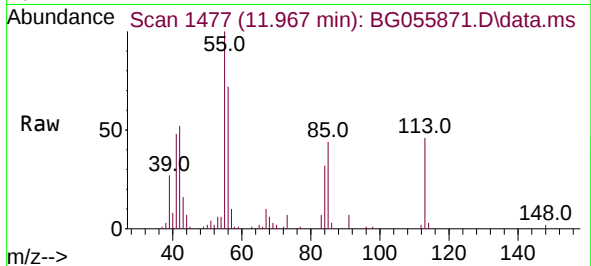
#35
Caprolactam
Concen: 43.692 ng m
RT: 11.967 min Scan# 1483
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Instrument :
BNA_G
ClientSampleId :
PB149361BS

Tgt Ion:113 Resp: 37278
Ion Ratio Lower Upper
113 100
55 215.7 193.5 233.5
56 155.0 135.2 175.2

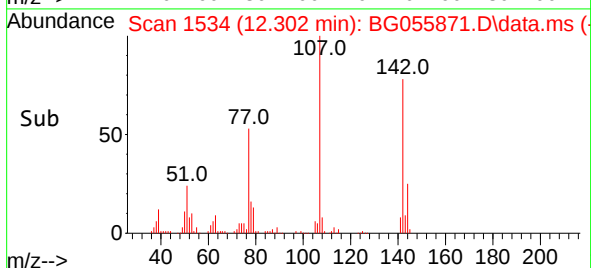
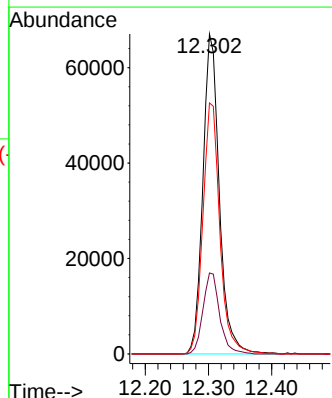
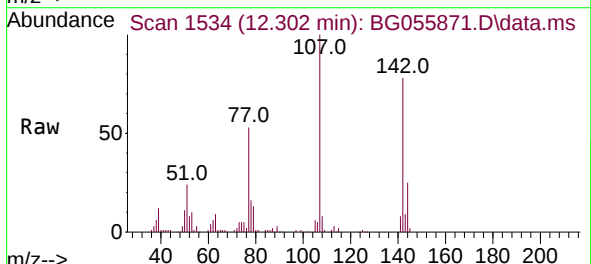
Manual Integrations
APPROVED

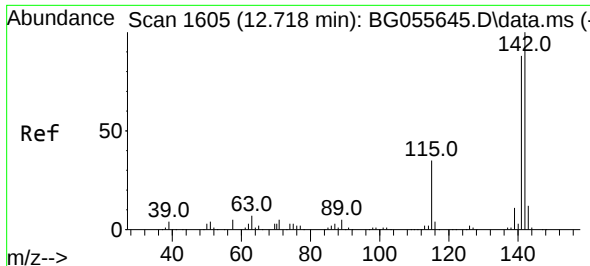
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#36
4-Chloro-3-methylphenol
Concen: 44.750 ng
RT: 12.302 min Scan# 1534
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

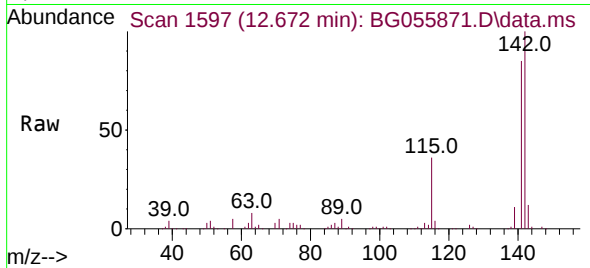
Tgt Ion:107 Resp: 121267
Ion Ratio Lower Upper
107 100
144 25.3 21.0 31.4
142 78.4 65.9 98.9





#37
2-Methylnaphthalene
Concen: 38.823 ng
RT: 12.672 min Scan# 1597
Delta R.T. -0.011 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

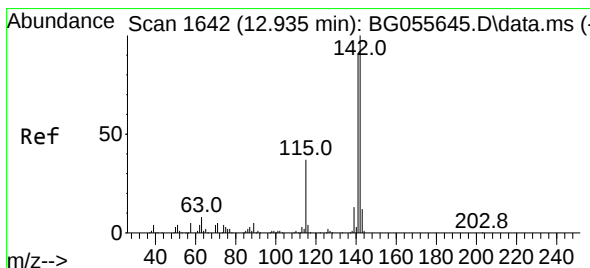
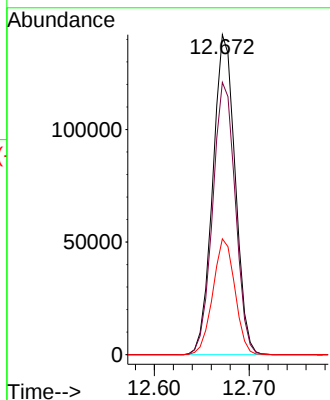
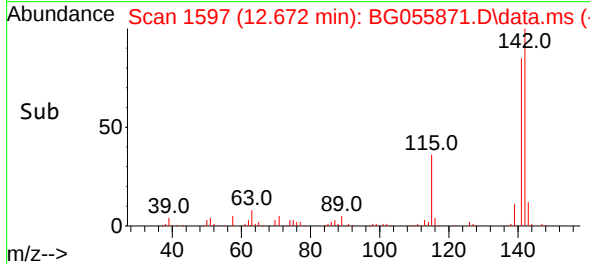
Instrument :
BNA_G
ClientSampleId :
PB149361BS



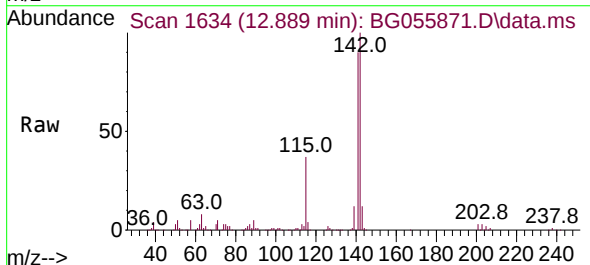
Tgt Ion:142 Resp: 233128
Ion Ratio Lower Upper
142 100
141 85.1 70.3 105.5
115 36.2 27.9 41.9

Manual Integrations
APPROVED

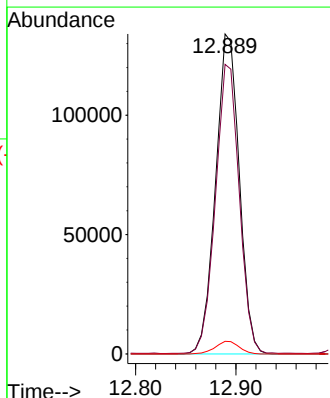
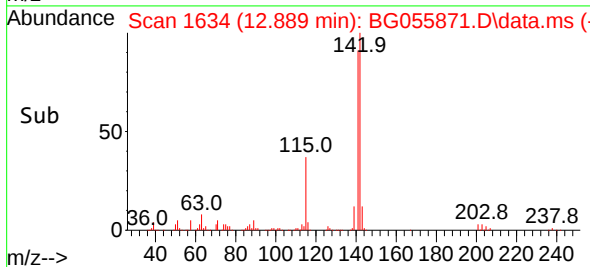
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022

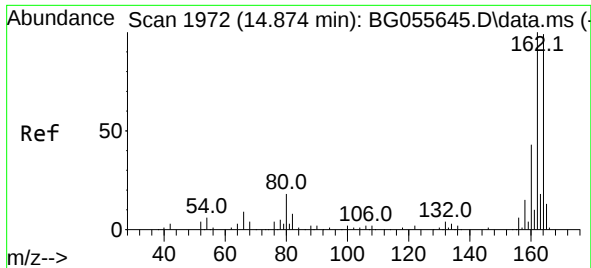


#38
1-Methylnaphthalene
Concen: 37.712 ng
RT: 12.889 min Scan# 1634
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46



Tgt Ion:142 Resp: 219846
Ion Ratio Lower Upper
142 100
141 90.5 73.0 109.4
116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.834 min Scan# 1972

Delta R.T. -0.005 min

Lab File: BG055871.D

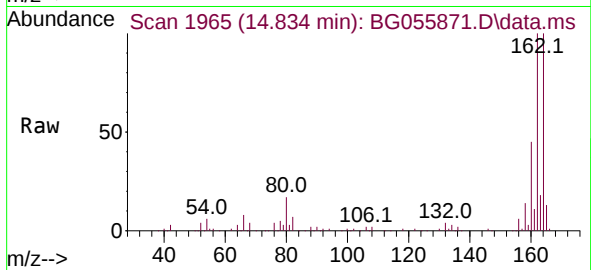
Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

PB149361BS



Tgt Ion:164 Resp: 121307

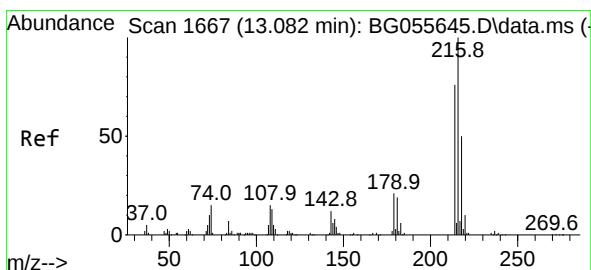
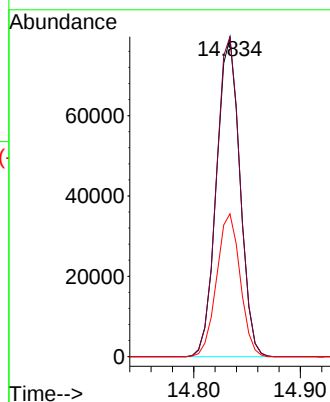
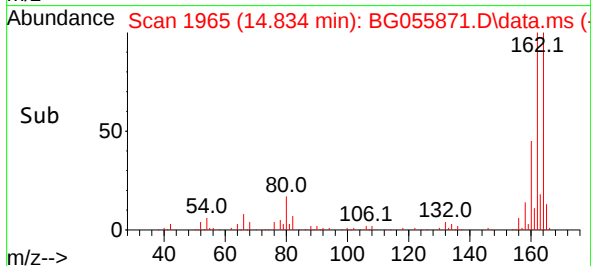
Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.1	121.7
160	44.8	34.8	52.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/05/2022

Supervised By :Jagrut Upadhyay 12/05/2022



#40

1,2,4,5-Tetrachlorobenzene

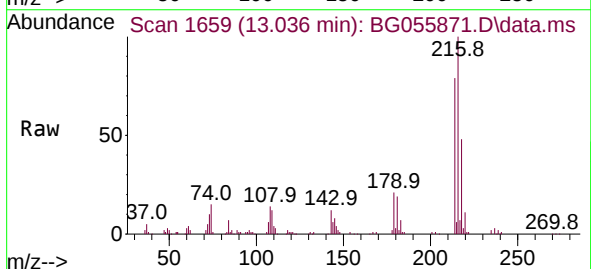
Concen: 35.985 ng

RT: 13.036 min Scan# 1659

Delta R.T. -0.005 min

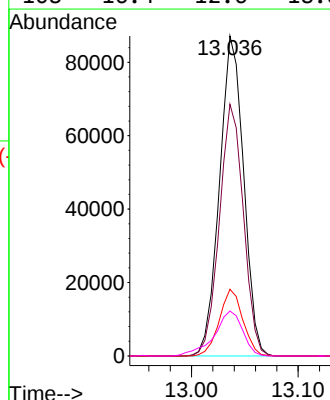
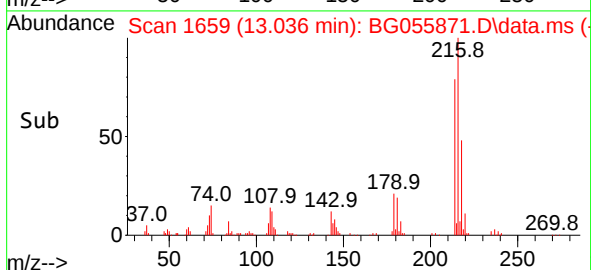
Lab File: BG055871.D

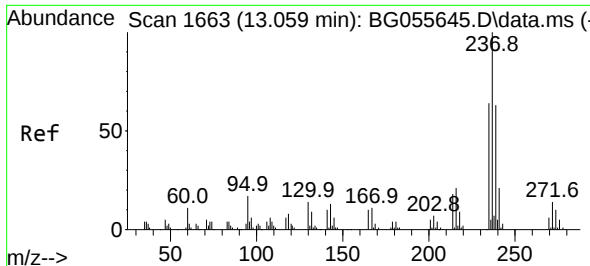
Acq: 2 Dec 2022 12:46



Tgt Ion:216 Resp: 137179

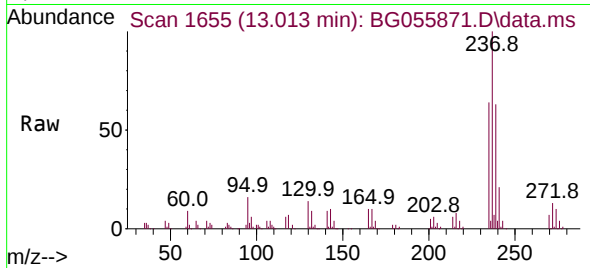
Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.1	93.1
179	20.3	16.5	24.7
108	16.4	12.6	18.8





#41
Hexachlorocyclopentadiene
Concen: 53.797 ng
RT: 13.013 min Scan# 1655
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

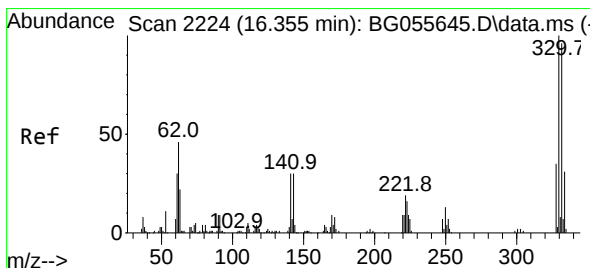
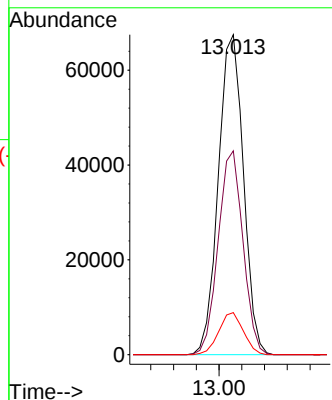
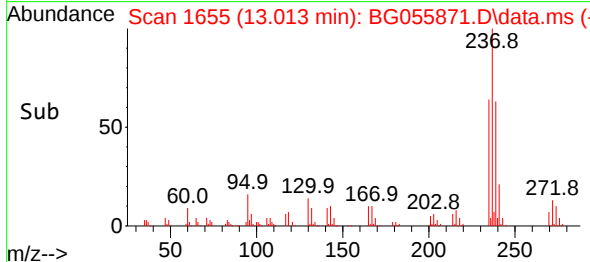
Instrument :
BNA_G
ClientSampleId :
PB149361BS



Tgt Ion:237 Resp: 103361
Ion Ratio Lower Upper
237 100
235 63.7 43.7 83.7
272 13.1 0.0 33.6

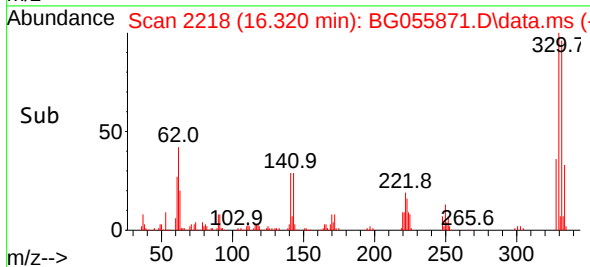
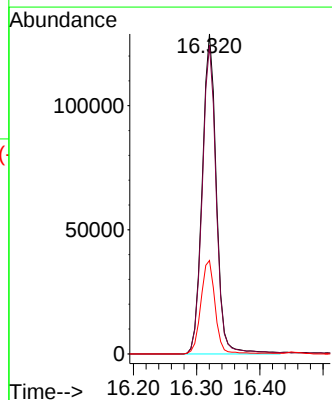
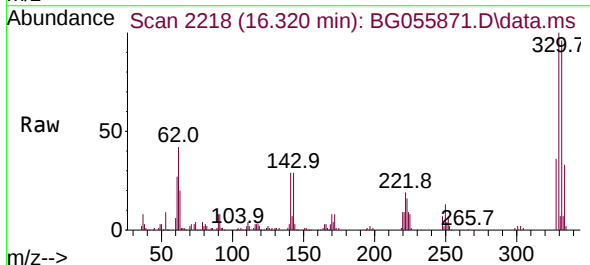
Manual Integrations
APPROVED

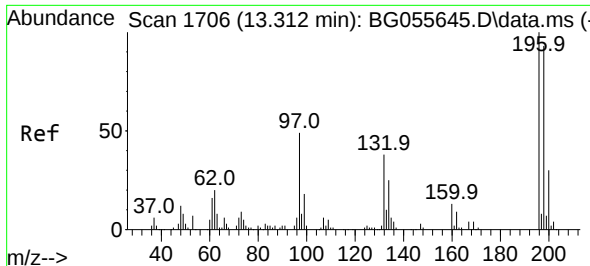
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#42
2,4,6-Tribromophenol
Concen: 117.196 ng
RT: 16.320 min Scan# 2218
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Tgt Ion:330 Resp: 200189
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 29.6 23.9 35.9





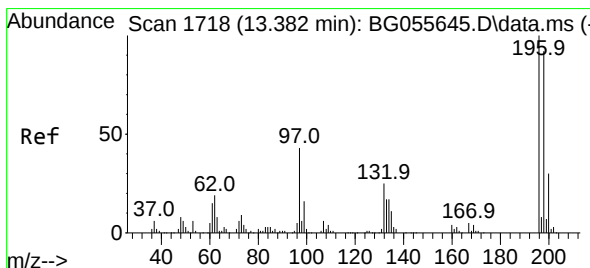
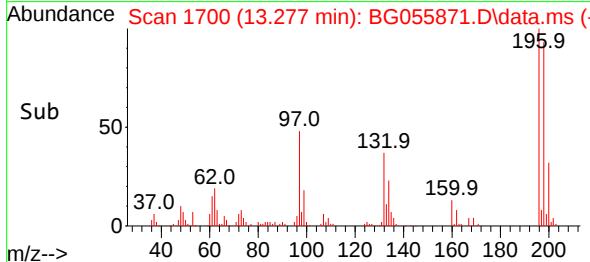
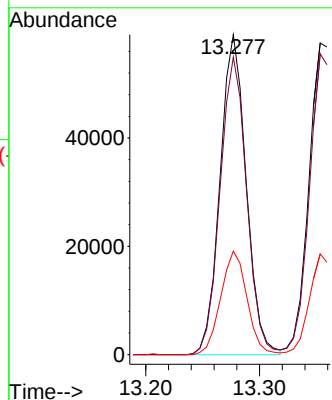
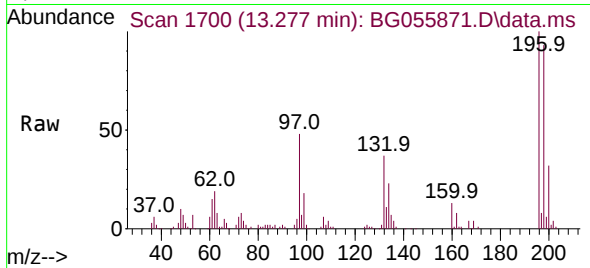
#43
2,4,6-Trichlorophenol
Concen: 36.309 ng
RT: 13.277 min Scan# 1712
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Instrument :
BNA_G
ClientSampleId :
PB149361BS

Tgt Ion:196 Resp: 94417
Ion Ratio Lower Upper
196 100
198 93.0 74.6 112.0
200 32.4 23.7 35.5

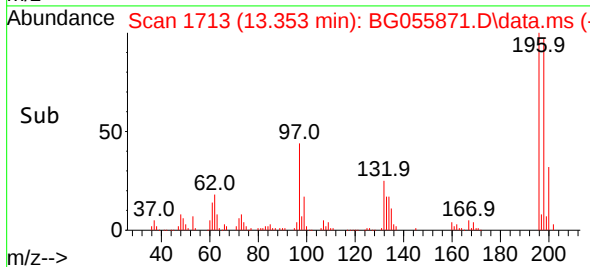
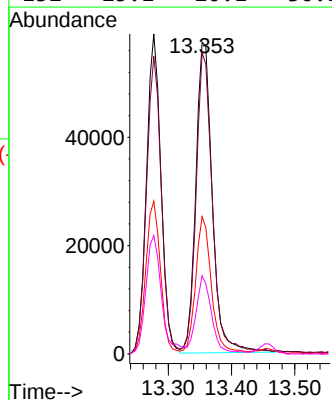
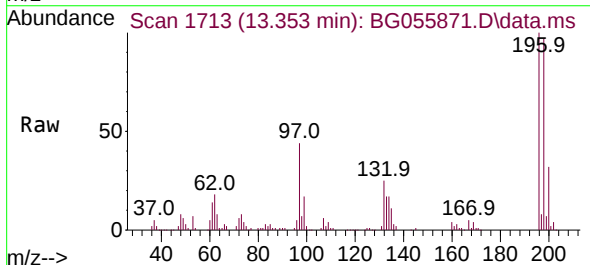
Manual Integrations
APPROVED

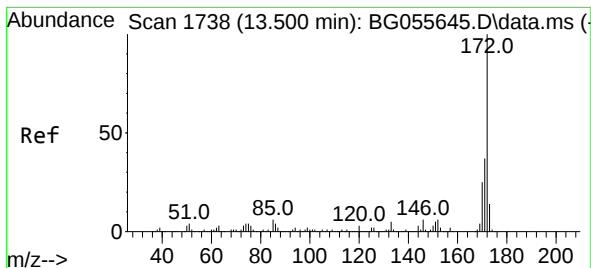
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#44
2,4,5-Trichlorophenol
Concen: 36.503 ng
RT: 13.353 min Scan# 1713
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Tgt Ion:196 Resp: 104314
Ion Ratio Lower Upper
196 100
198 96.6 74.1 111.1
97 44.0 34.8 52.2
132 25.1 20.1 30.1





#45
2-Fluorobiphenyl
Concen: 68.321 ng
RT: 13.453 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

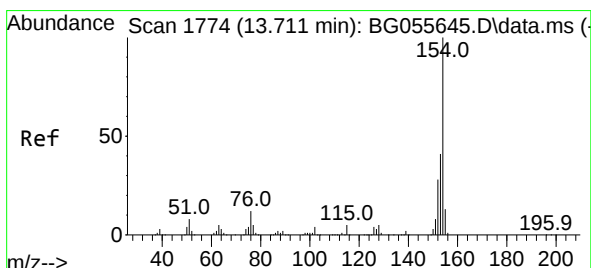
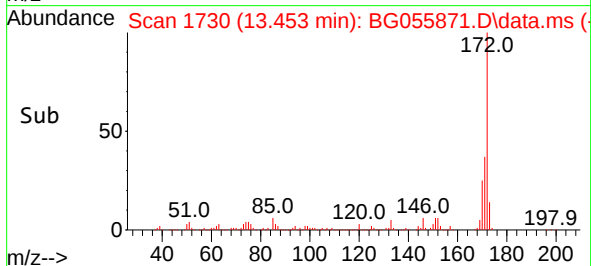
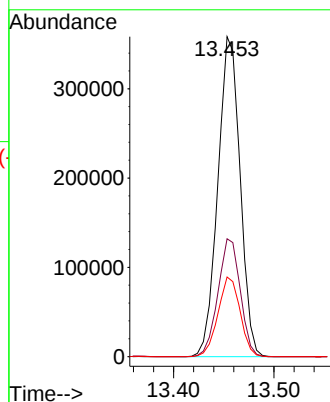
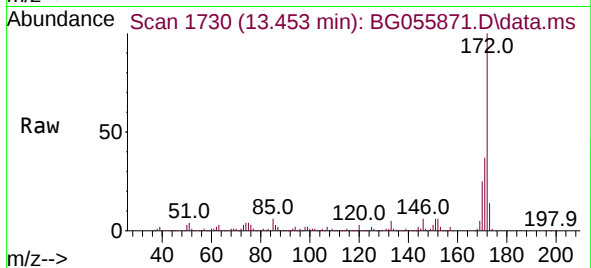
PB149361BS

Tgt Ion:172 Resp: 553210
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 24.9 20.2 30.4

Manual Integrations

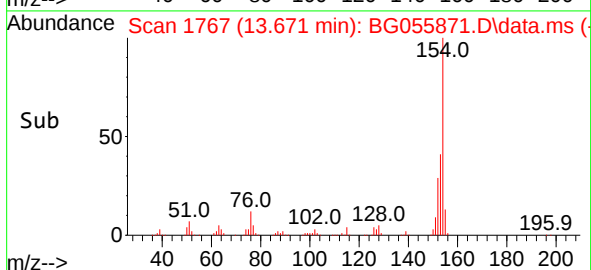
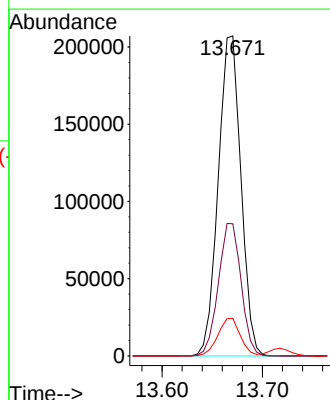
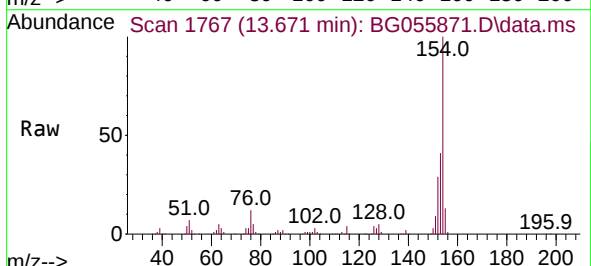
APPROVED

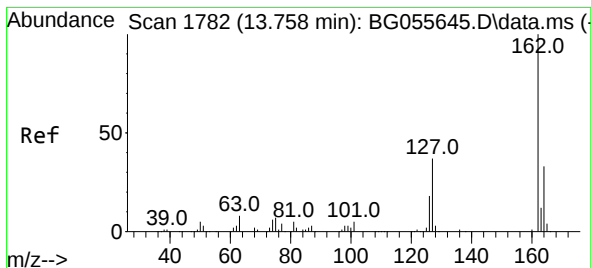
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#46
1,1'-Biphenyl
Concen: 36.875 ng
RT: 13.671 min Scan# 1767
Delta R.T. 0.001 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Tgt Ion:154 Resp: 325965
Ion Ratio Lower Upper
154 100
153 41.3 20.6 60.6
76 11.7 0.0 32.4





#47
2-Chloronaphthalene
Concen: 35.949 ng
RT: 13.718 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

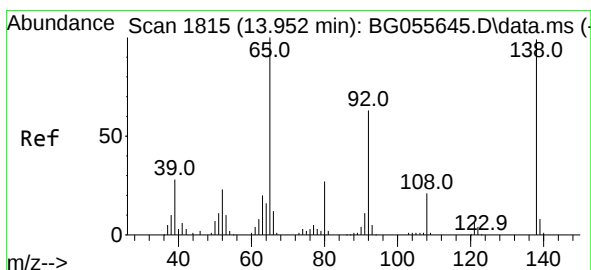
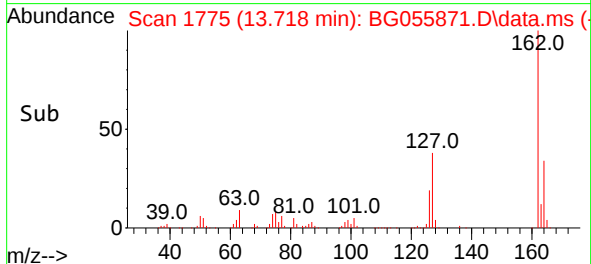
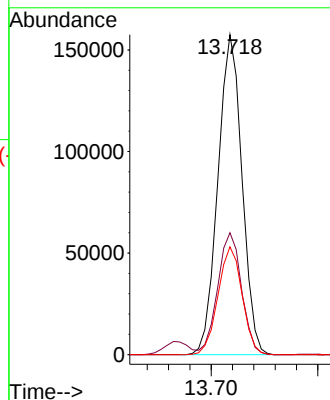
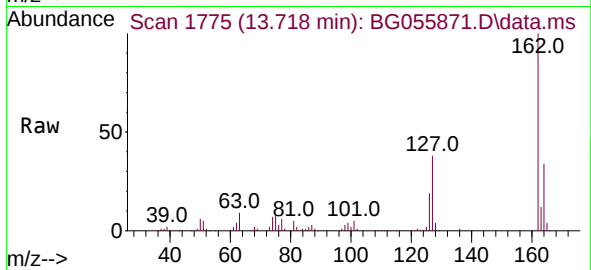
PB149361BS

Tgt Ion:162 Resp: 247005
Ion Ratio Lower Upper
162 100
127 38.1 29.9 44.9
164 33.7 26.4 39.6

Manual Integrations

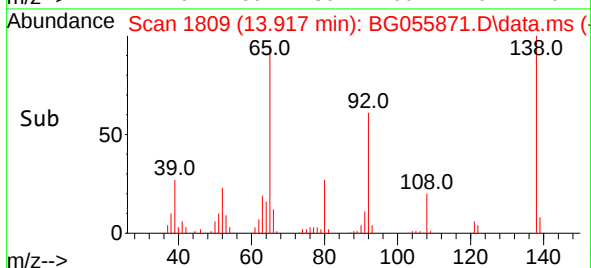
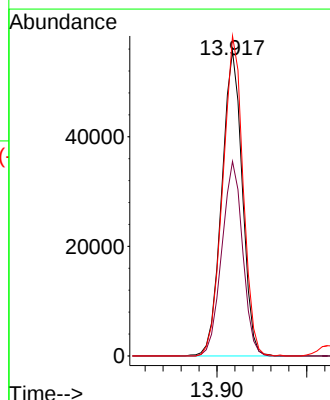
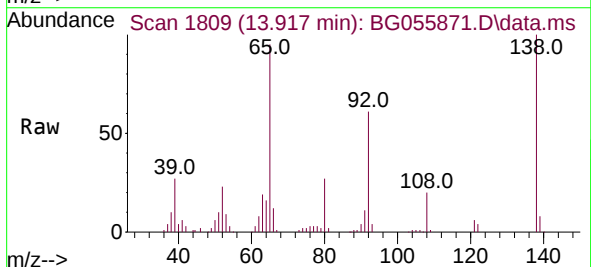
APPROVED

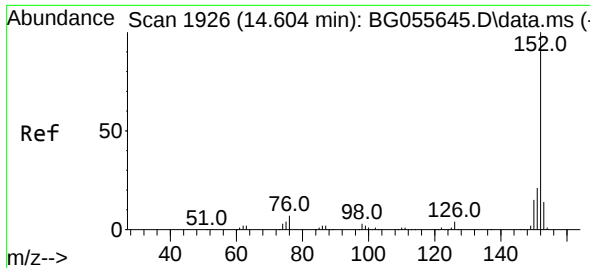
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#48
2-Nitroaniline
Concen: 39.187 ng
RT: 13.917 min Scan# 1809
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Tgt Ion: 65 Resp: 88524
Ion Ratio Lower Upper
65 100
92 63.8 50.1 75.1
138 104.9 79.4 119.0





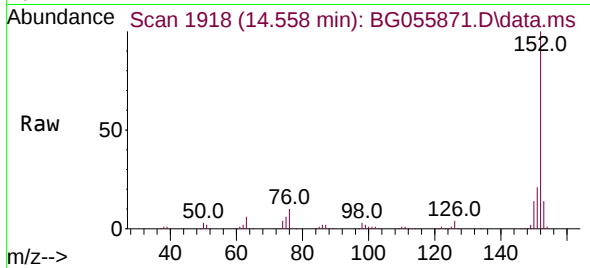
#49
Acenaphthylene
Concen: 36.673 ng
RT: 14.558 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

PB149361BS

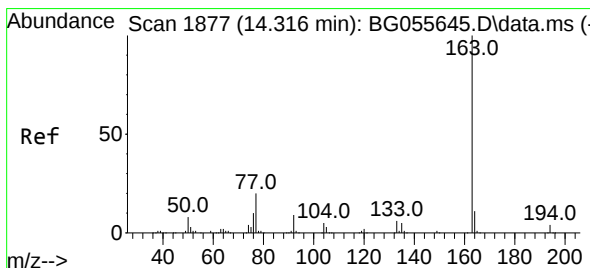
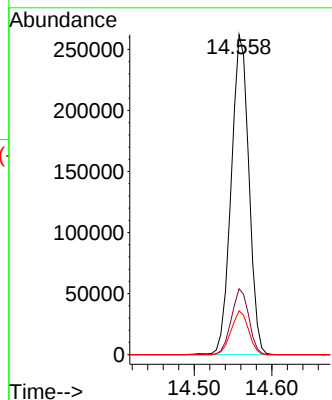
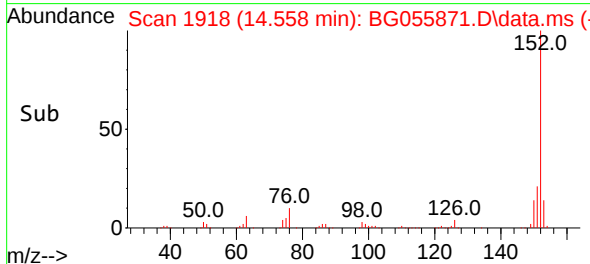


Tgt Ion:152 Resp: 414929
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.7 11.0 16.4

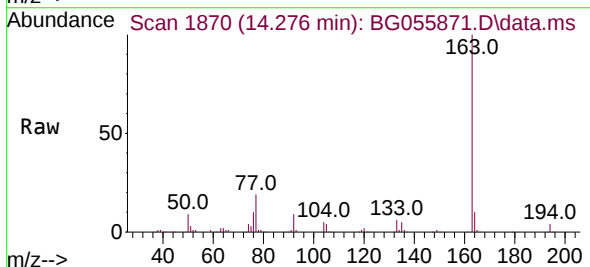
Manual Integrations

APPROVED

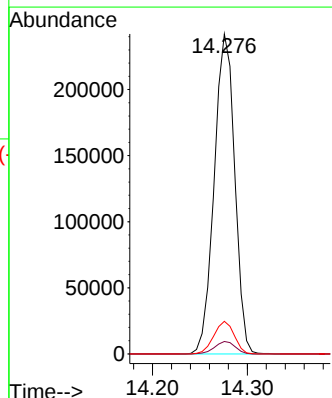
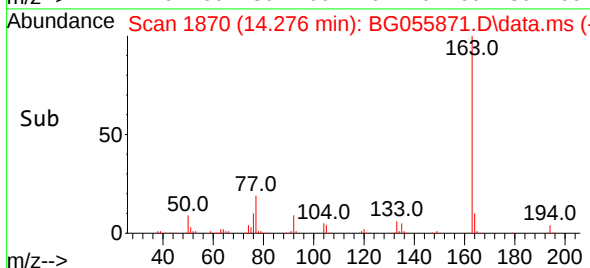
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022

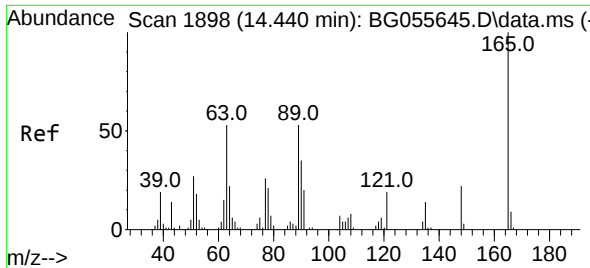


#50
Dimethylphthalate
Concen: 37.635 ng
RT: 14.276 min Scan# 1870
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46



Tgt Ion:163 Resp: 363938
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.2 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 39.869 ng
RT: 14.405 min Scan# 1898
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

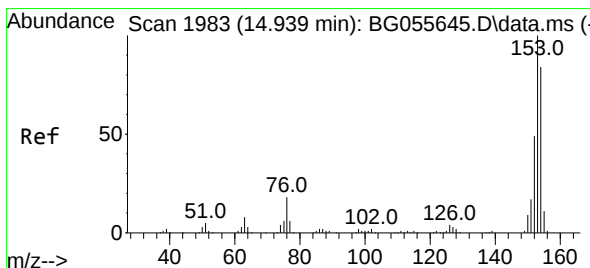
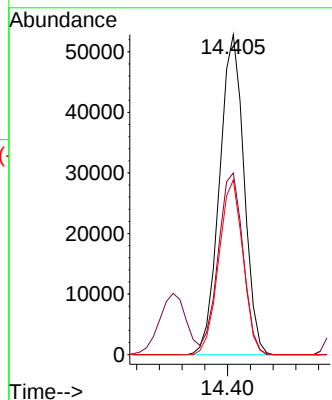
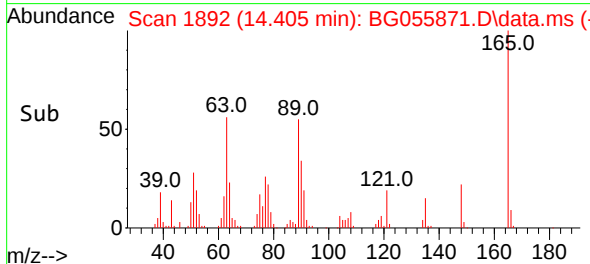
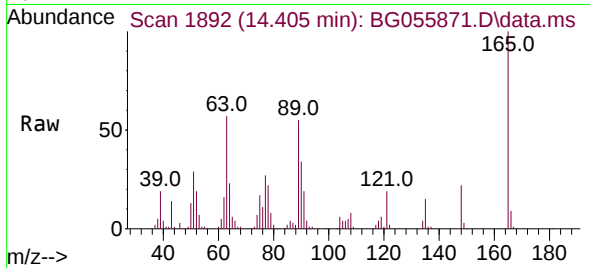
PB149361BS

Tgt Ion:165 Resp: 7883
Ion Ratio Lower Upper
165 100
63 56.8 44.6 66.8
89 54.6 42.2 63.4

Manual Integrations

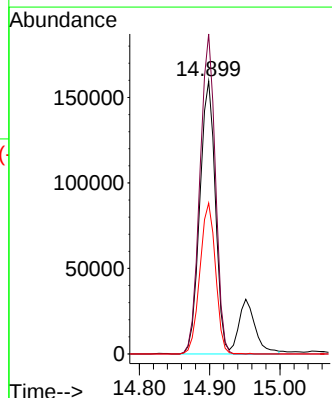
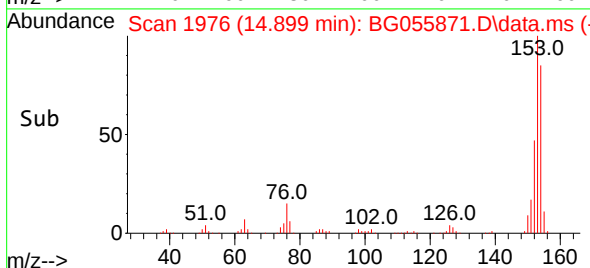
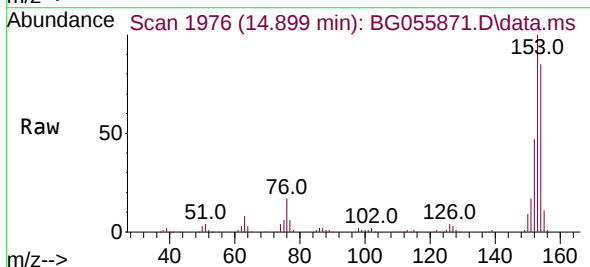
APPROVED

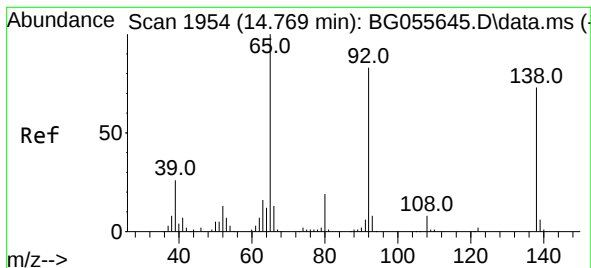
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#52
Acenaphthene
Concen: 40.122 ng m
RT: 14.899 min Scan# 1976
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

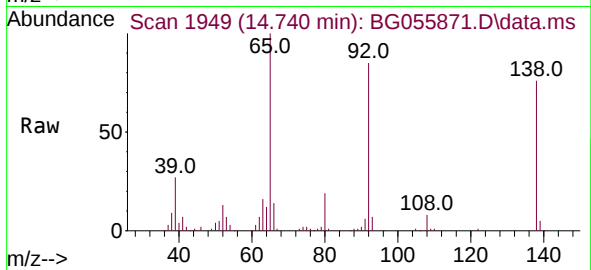
Tgt Ion:154 Resp: 296690
Ion Ratio Lower Upper
154 100
153 117.3 95.0 142.4
152 55.3 46.1 69.1





#53
3-Nitroaniline
Concen: 31.401 ng
RT: 14.740 min Scan# 1949
Delta R.T. 0.001 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

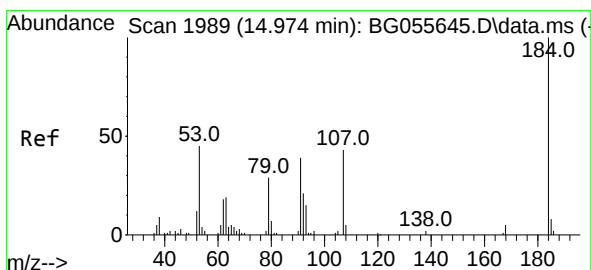
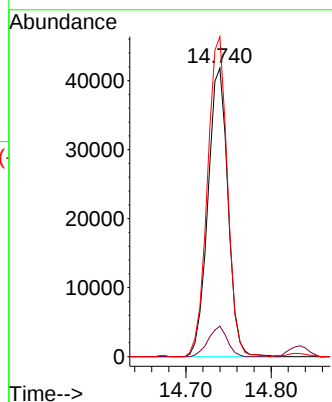
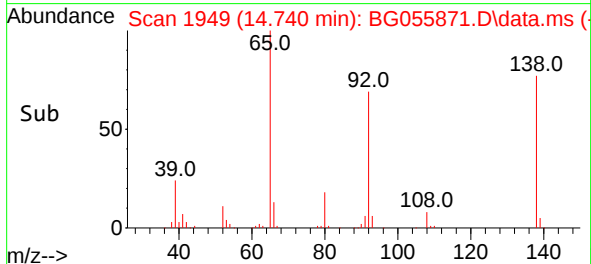
Instrument :
BNA_G
ClientSampleId :
PB149361BS



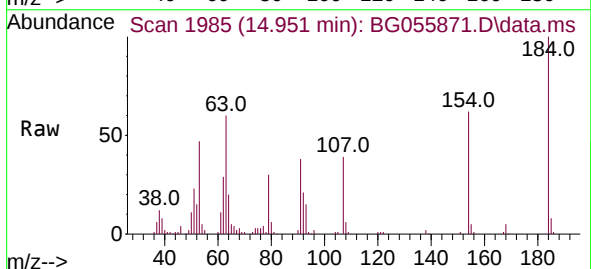
Tgt Ion:138 Resp: 68156
Ion Ratio Lower Upper
138 100
108 10.6 8.5 12.7
92 110.9 91.0 136.6

Manual Integrations
APPROVED

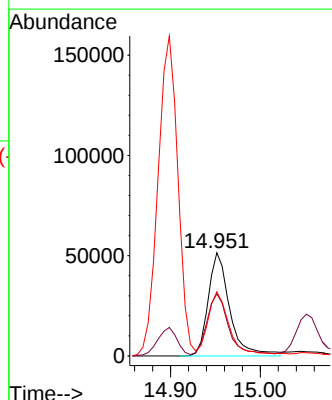
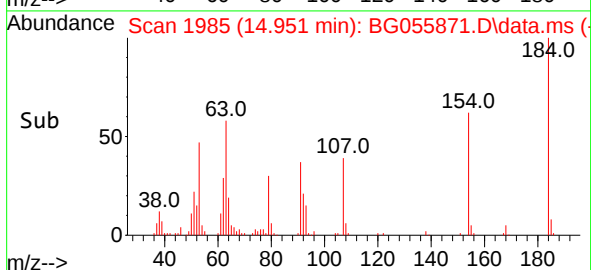
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022

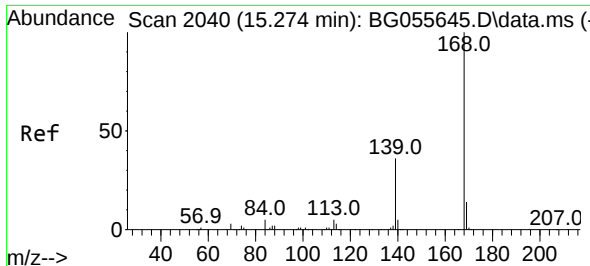


#54
2,4-Dinitrophenol
Concen: 75.378 ng
RT: 14.951 min Scan# 1985
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46



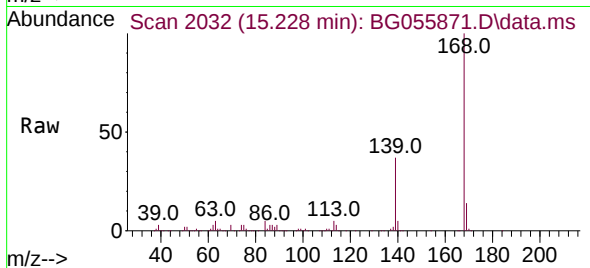
Tgt Ion:184 Resp: 85692
Ion Ratio Lower Upper
184 100
63 60.1 49.5 74.3
154 62.1 52.0 78.0





#55
Dibenzenofuran
Concen: 36.779 ng
RT: 15.228 min Scan# 2040
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

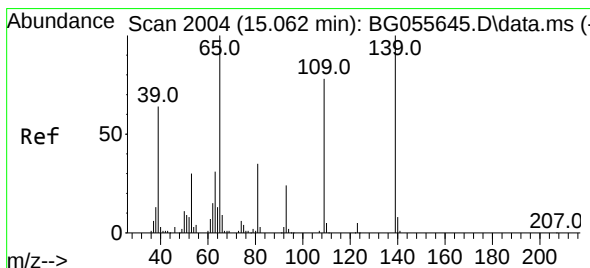
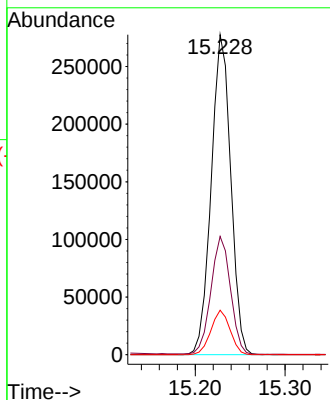
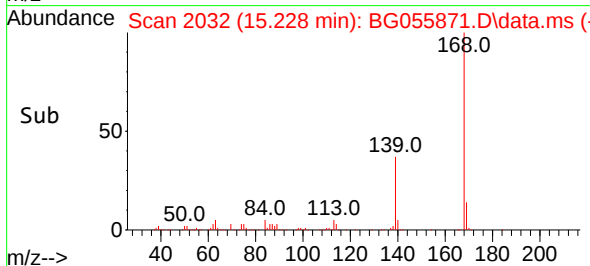
Instrument :
BNA_G
ClientSampleId :
PB149361BS



Tgt Ion:168 Resp: 419562
Ion Ratio Lower Upper
168 100
139 36.9 28.8 43.2
169 13.9 11.0 16.4

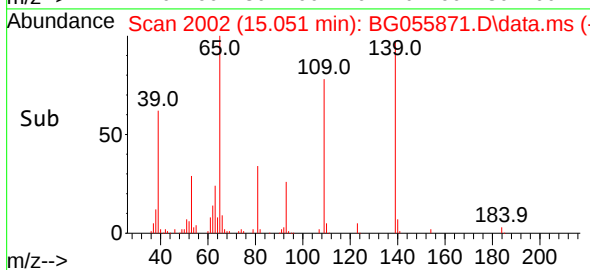
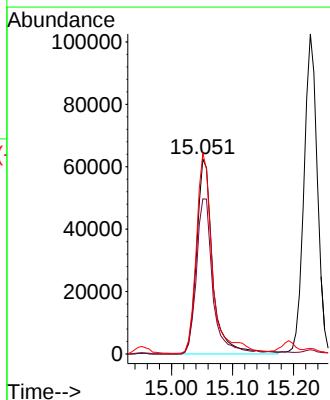
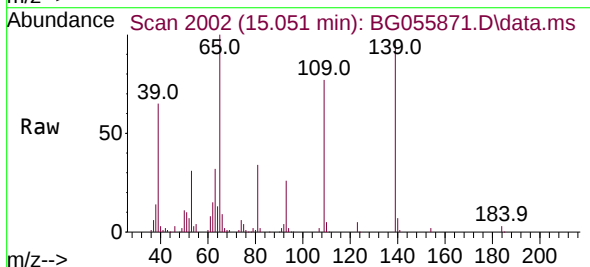
Manual Integrations
APPROVED

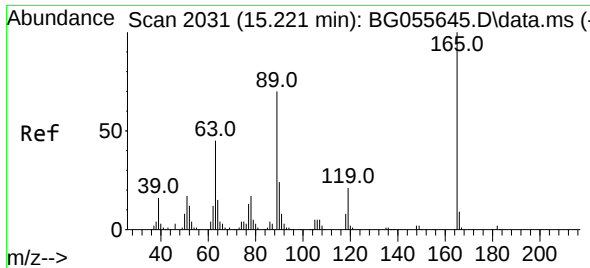
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#56
4-Nitrophenol
Concen: 67.128 ng
RT: 15.051 min Scan# 2002
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Tgt Ion:139 Resp: 114355
Ion Ratio Lower Upper
139 100
109 79.6 58.6 98.6
65 103.0 80.5 120.5





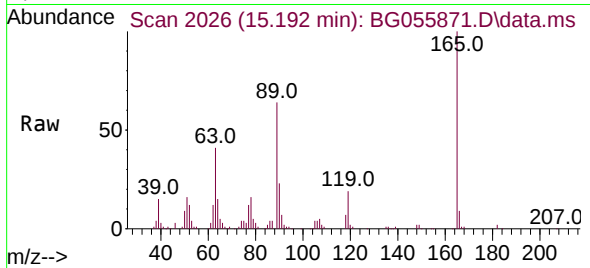
#57
2,4-Dinitrotoluene
Concen: 41.349 ng
RT: 15.192 min Scan# 2031
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

PB149361BS

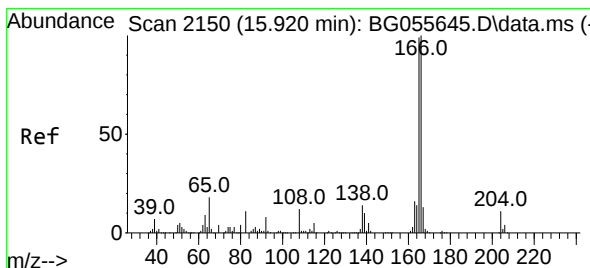
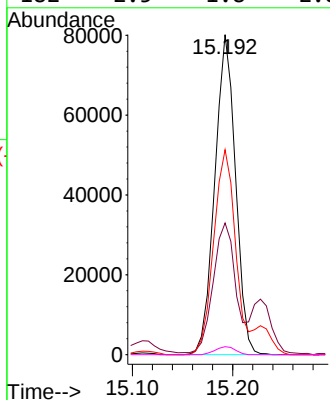
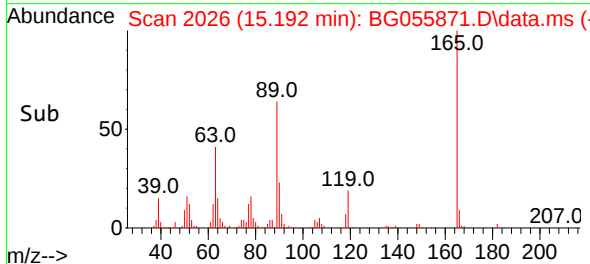


Tgt Ion:165 Resp: 115270
Ion Ratio Lower Upper
165 100
63 41.1 35.8 53.8
89 64.0 56.2 84.4
182 2.5 1.8 2.8

Manual Integrations

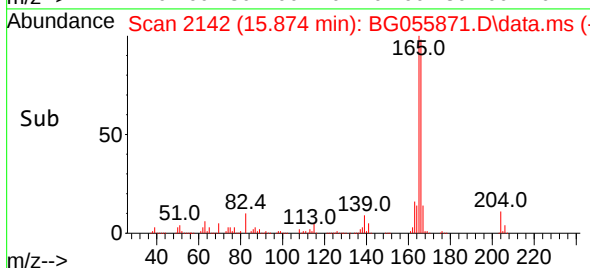
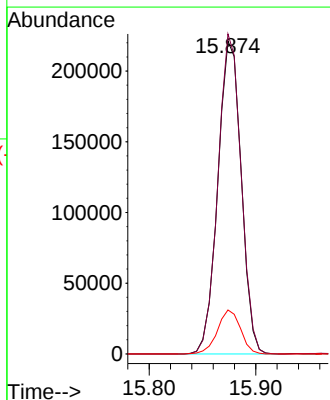
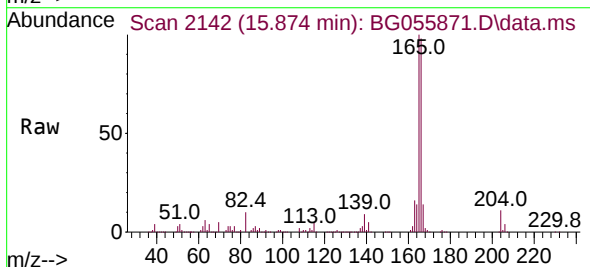
APPROVED

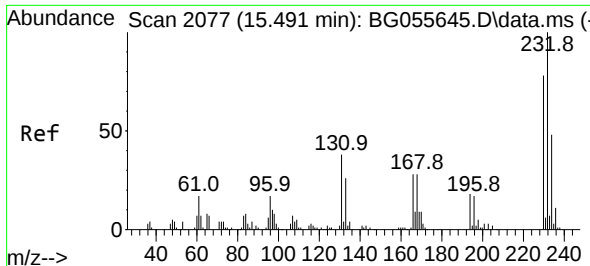
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#58
Fluorene
Concen: 37.139 ng
RT: 15.874 min Scan# 2142
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Tgt Ion:166 Resp: 338386
Ion Ratio Lower Upper
166 100
165 102.2 79.3 118.9
167 14.0 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 34.972 ng
RT: 15.457 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

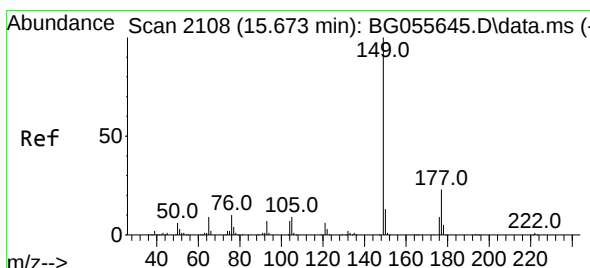
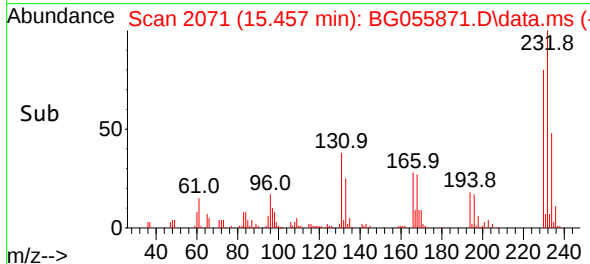
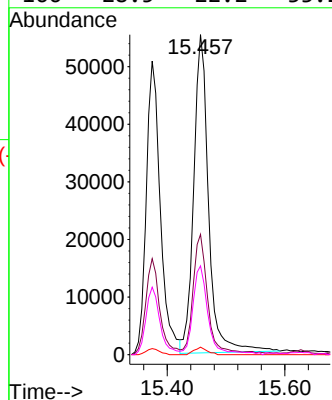
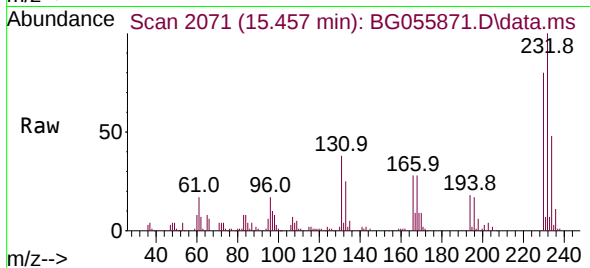
PB149361BS

Tgt Ion:232 Resp: 96836
Ion Ratio Lower Upper
232 100
131 35.0 29.8 44.8
130 2.0 1.7 2.5
166 28.5 22.2 33.2

Manual Integrations

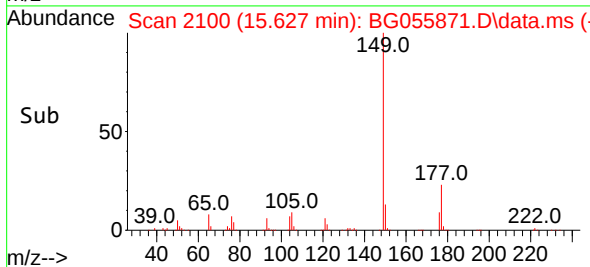
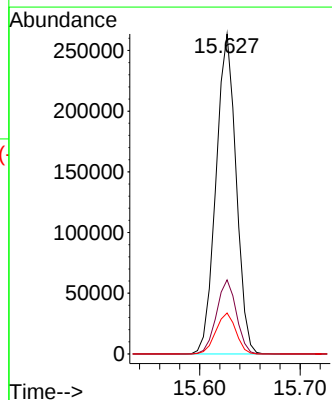
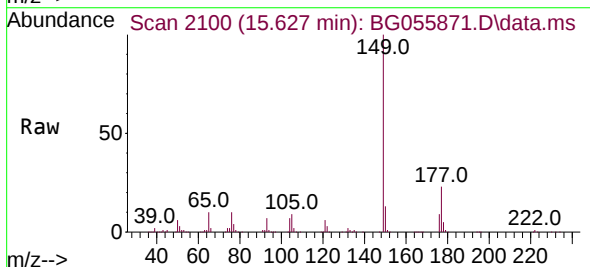
APPROVED

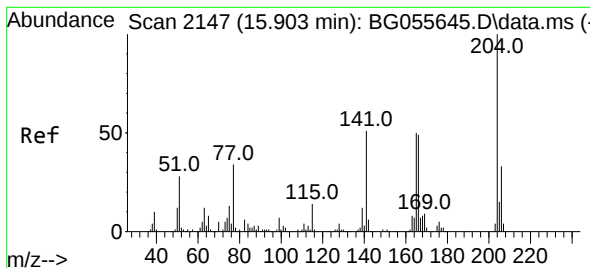
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#60
Diethylphthalate
Concen: 37.600 ng
RT: 15.627 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

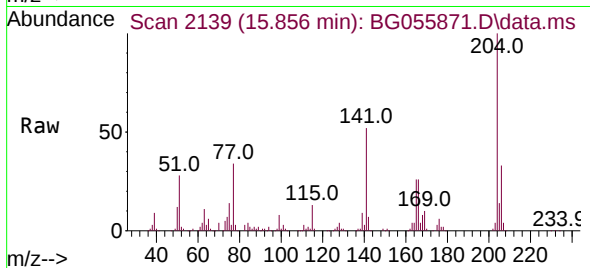
Tgt Ion:149 Resp: 367605
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 37.941 ng
RT: 15.856 min Scan# 2119
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

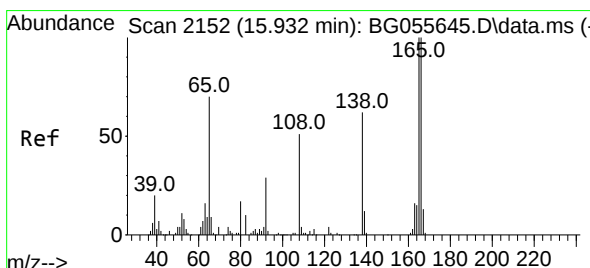
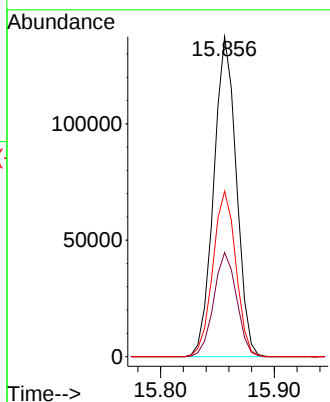
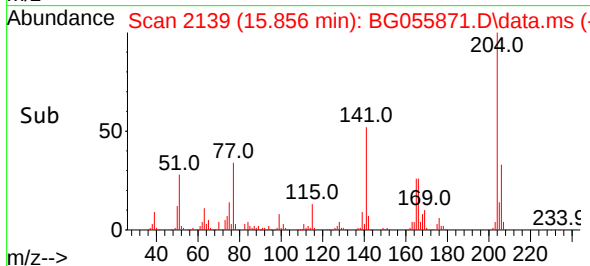
Instrument :
BNA_G
ClientSampleId :
PB149361BS



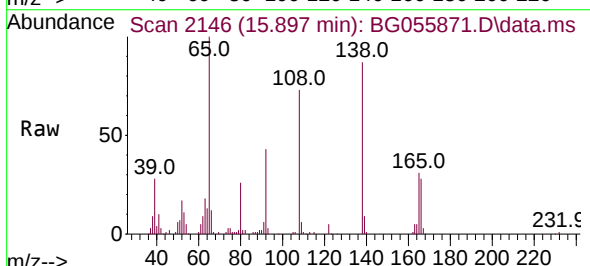
Tgt Ion:204 Resp: 190026
Ion Ratio Lower Upper
204 100
206 32.5 26.6 40.0
141 51.7 40.6 61.0

Manual Integrations
APPROVED

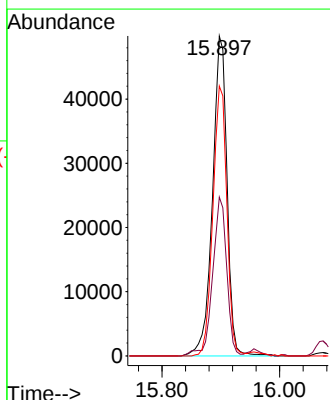
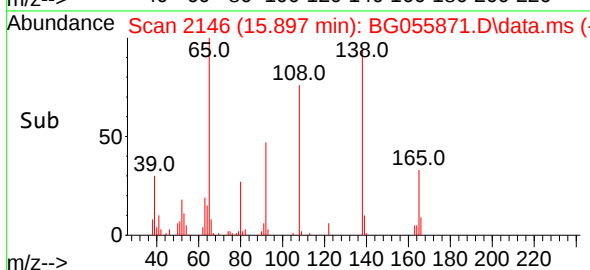
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022

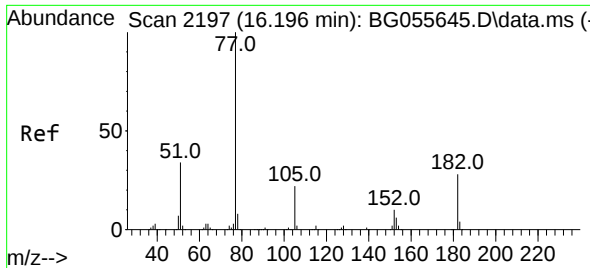


#62
4-Nitroaniline
Concen: 37.620 ng
RT: 15.897 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46



Tgt Ion:138 Resp: 85358
Ion Ratio Lower Upper
138 100
92 49.6 27.3 67.3
108 84.3 62.8 102.8





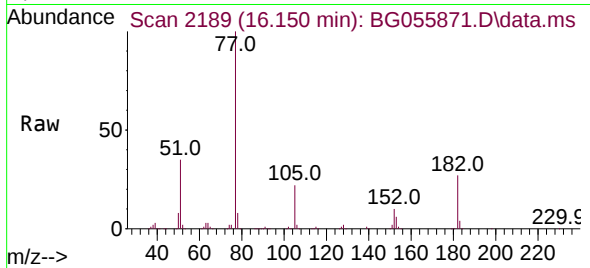
#63
Azobenzene
Concen: 36.613 ng
RT: 16.150 min Scan# 2197
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

PB149361BS

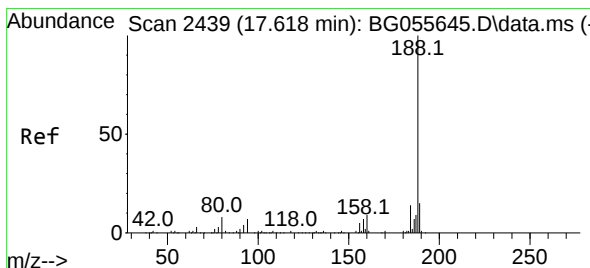
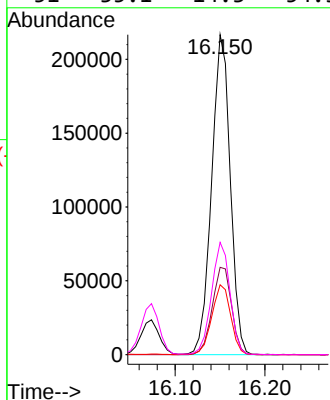
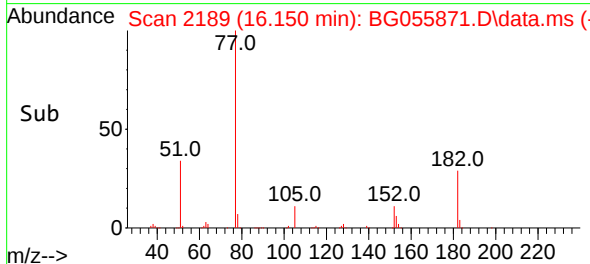


Tgt Ion: 77 Resp: 312508
Ion Ratio Lower Upper
77 100
182 27.3 8.1 48.1
105 21.8 1.8 41.8
51 35.1 14.3 54.3

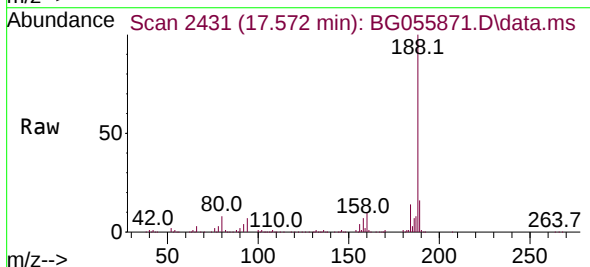
Manual Integrations

APPROVED

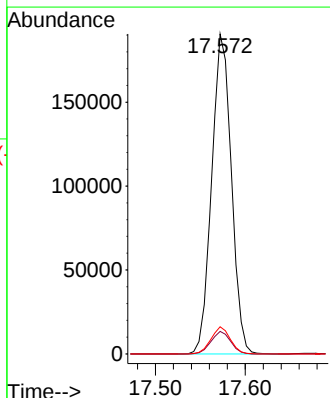
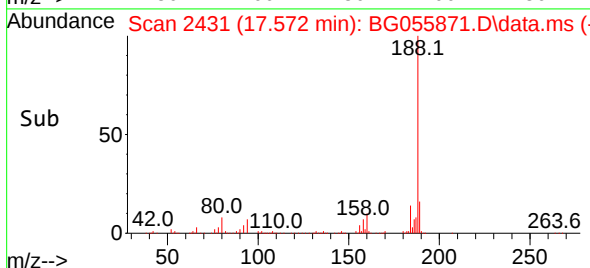
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022

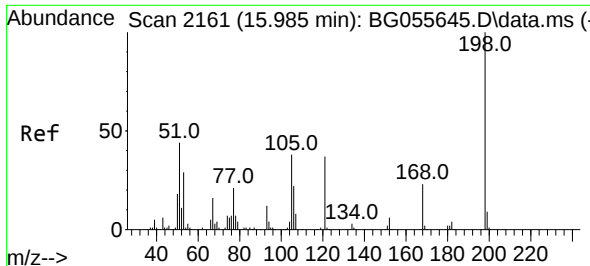


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.572 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46



Tgt Ion:188 Resp: 290034
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.2
80 8.5 6.6 10.0





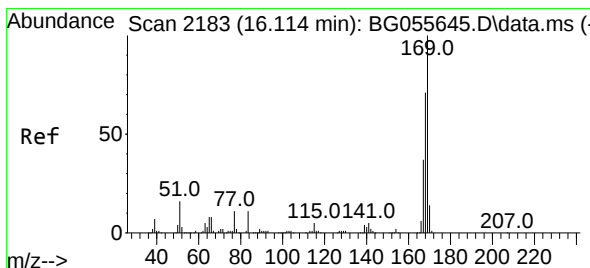
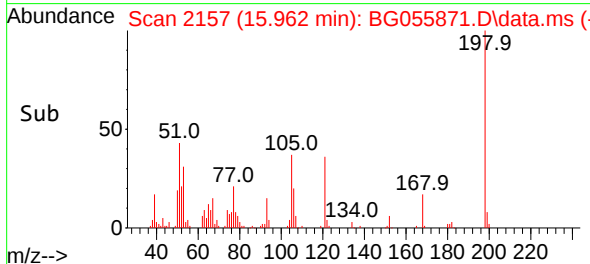
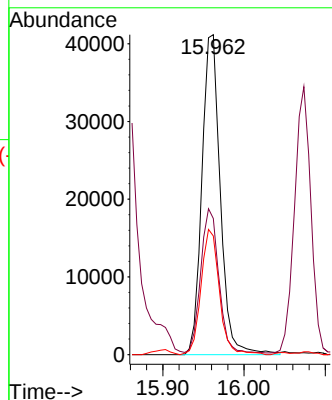
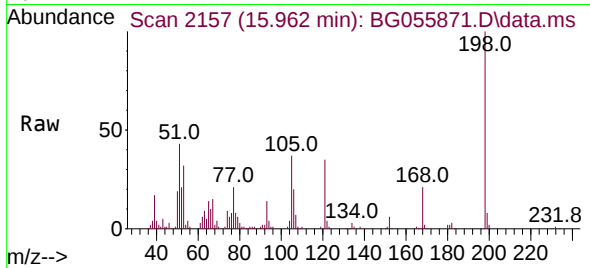
#65
4,6-Dinitro-2-methylphenol
Concen: 40.128 ng
RT: 15.962 min Scan# 2161
Delta R.T. 0.001 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Instrument :
BNA_G
ClientSampleId :
PB149361BS

Tgt Ion:198 Resp: 64988
Ion Ratio Lower Upper
198 100
51 42.5 27.7 67.7
105 37.1 19.3 59.3

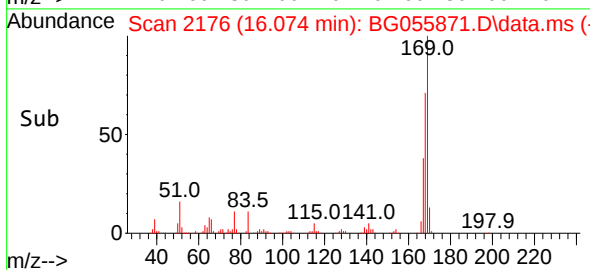
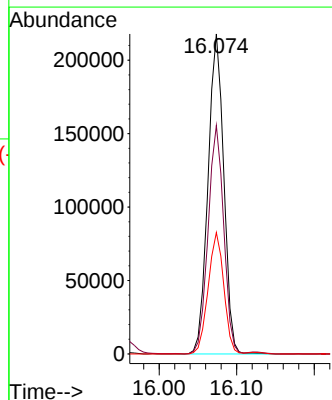
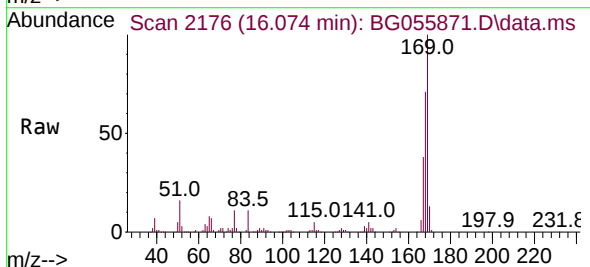
Manual Integrations
APPROVED

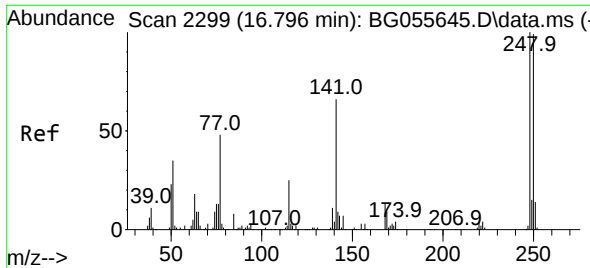
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#66
n-Nitrosodiphenylamine
Concen: 38.370 ng
RT: 16.074 min Scan# 2176
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

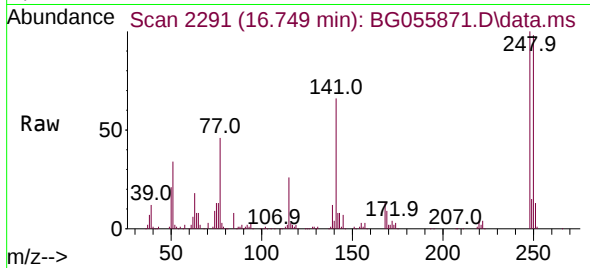
Tgt Ion:169 Resp: 306696
Ion Ratio Lower Upper
169 100
168 71.4 56.6 85.0
167 37.9 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 38.846 ng
RT: 16.749 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

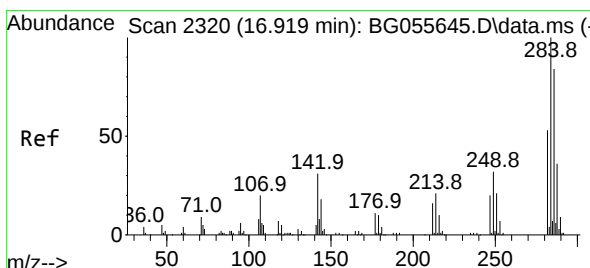
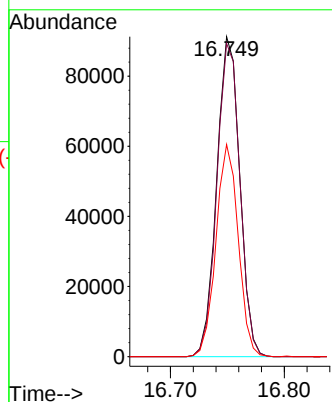
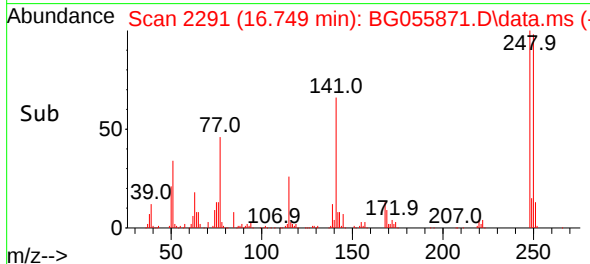
Instrument :
BNA_G
ClientSampleId :
PB149361BS



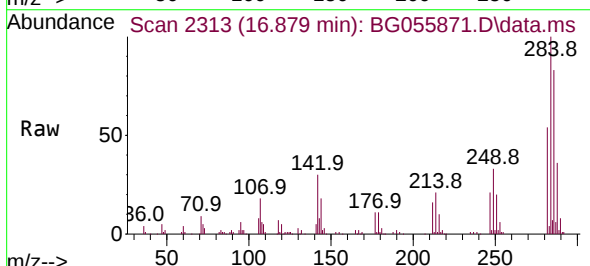
Tgt Ion:248 Resp: 128372
Ion Ratio Lower Upper
248 100
250 97.9 79.0 118.4
141 66.3 52.9 79.3

Manual Integrations
APPROVED

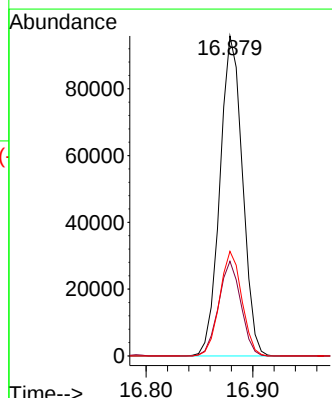
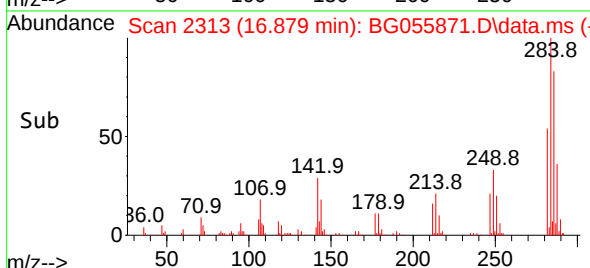
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022

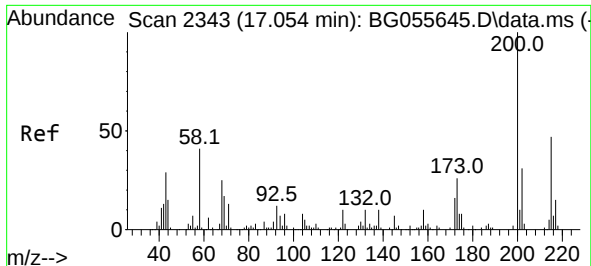


#68
Hexachlorobenzene
Concen: 38.508 ng
RT: 16.879 min Scan# 2313
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46



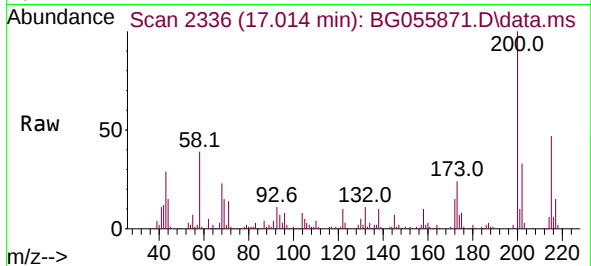
Tgt Ion:284 Resp: 141102
Ion Ratio Lower Upper
284 100
142 29.6 24.8 37.2
249 32.7 25.7 38.5





#69
 Atrazine
 Concen: 41.382 ng
 RT: 17.014 min Scan# 2336
 Delta R.T. 0.001 min
 Lab File: BG055871.D
 Acq: 2 Dec 2022 12:46

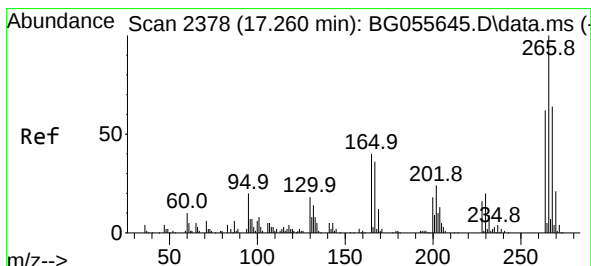
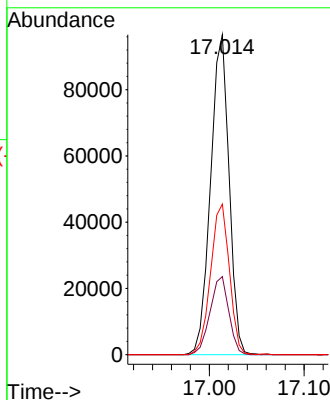
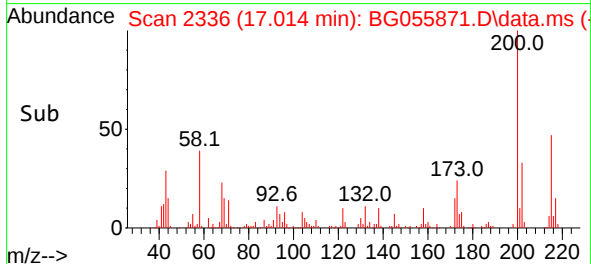
Instrument :
 BNA_G
 ClientSampleId :
 PB149361BS



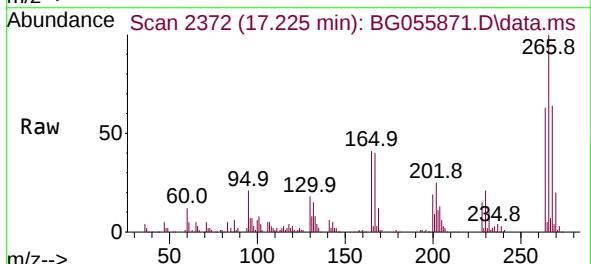
Tgt Ion:200 Resp: 130819
 Ion Ratio Lower Upper
 200 100
 173 24.4 5.6 45.6
 215 47.0 27.2 67.2

Manual Integrations
 APPROVED

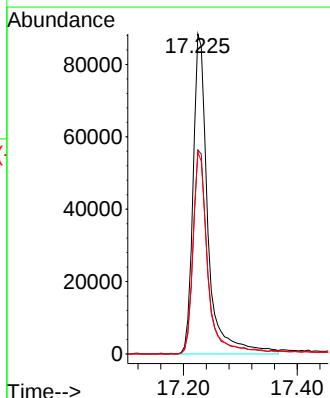
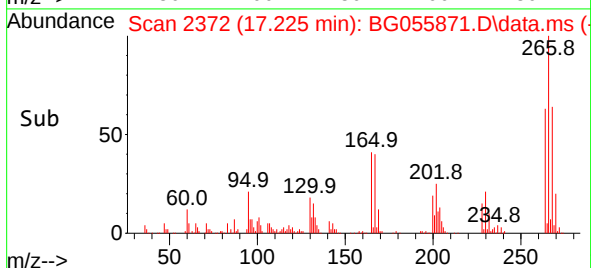
Reviewed By :Christian Giraldo 12/05/2022
 Supervised By :Jagrut Upadhyay 12/05/2022

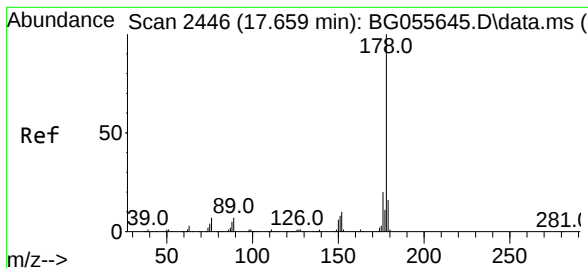


#70
 Pentachlorophenol
 Concen: 71.012 ng
 RT: 17.225 min Scan# 2372
 Delta R.T. -0.005 min
 Lab File: BG055871.D
 Acq: 2 Dec 2022 12:46



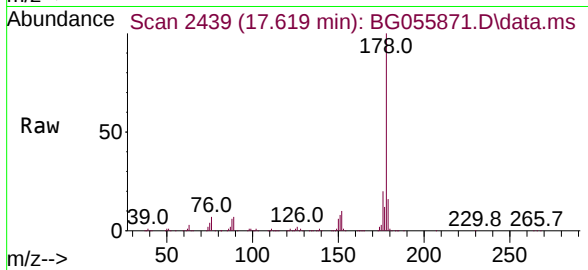
Tgt Ion:266 Resp: 159176
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.2 76.8
 264 63.0 49.5 74.3





#71
Phenanthrene
Concen: 36.761 ng
RT: 17.619 min Scan# 2446
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

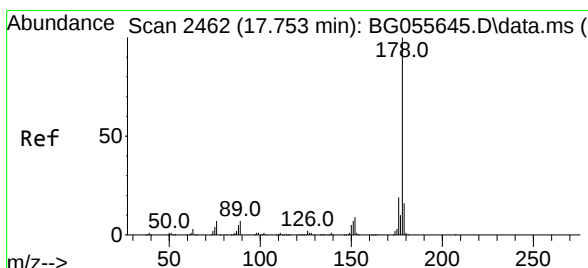
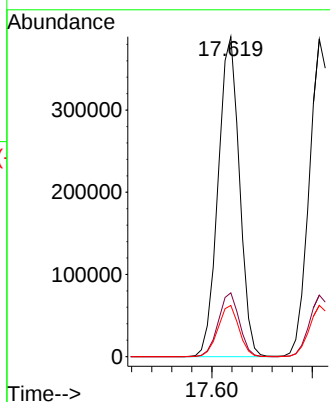
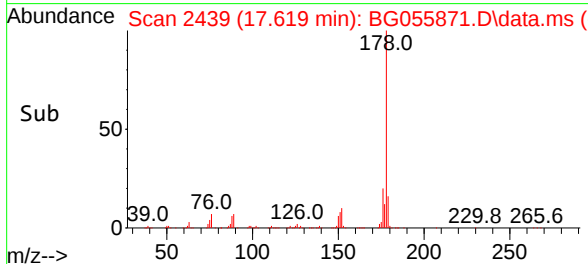
Instrument :
BNA_G
ClientSampleId :
PB149361BS



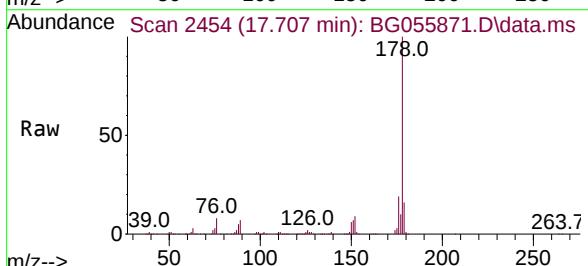
Tgt Ion:178 Resp: 575363
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 16.0 12.7 19.1

Manual Integrations
APPROVED

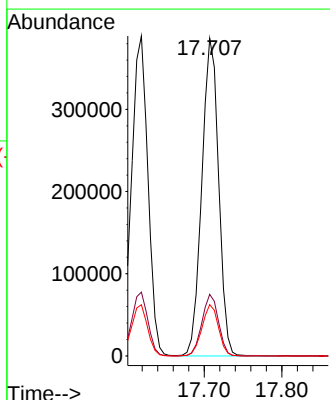
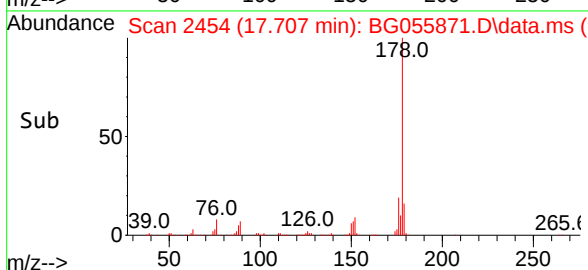
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022

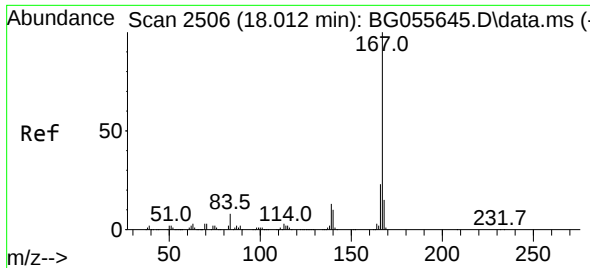


#72
Anthracene
Concen: 38.177 ng
RT: 17.707 min Scan# 2454
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46



Tgt Ion:178 Resp: 580573
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 16.2 12.5 18.7





#73
Carbazole
Concen: 38.572 ng
RT: 17.977 min Scan# 2506
Delta R.T. 0.001 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

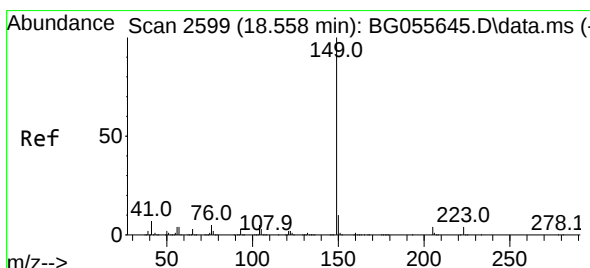
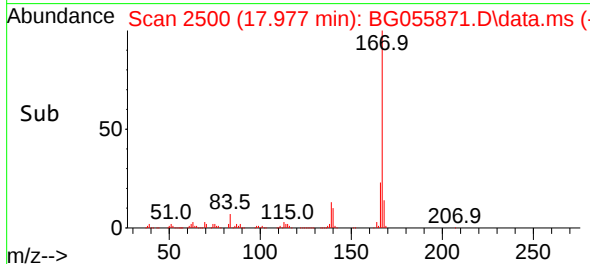
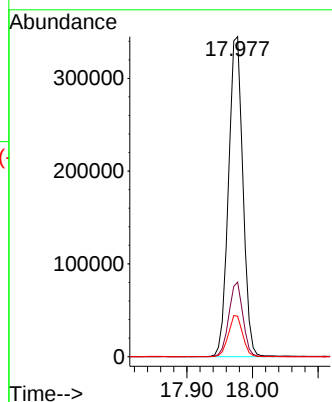
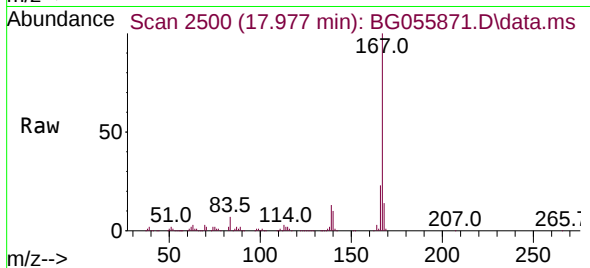
PB149361BS

Tgt Ion:167 Resp: 527325
Ion Ratio Lower Upper
167 100
166 23.3 18.2 27.2
139 12.6 10.2 15.4

Manual Integrations

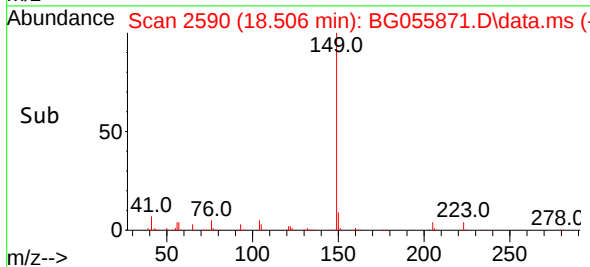
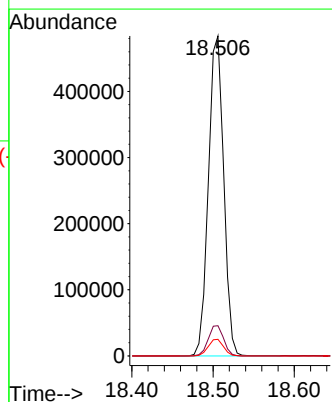
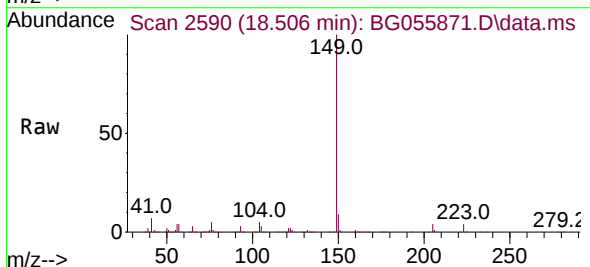
APPROVED

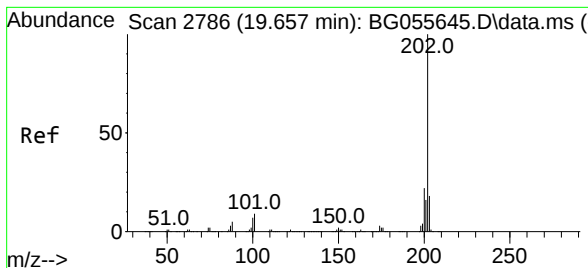
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#74
Di-n-butylphthalate
Concen: 37.345 ng
RT: 18.506 min Scan# 2590
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

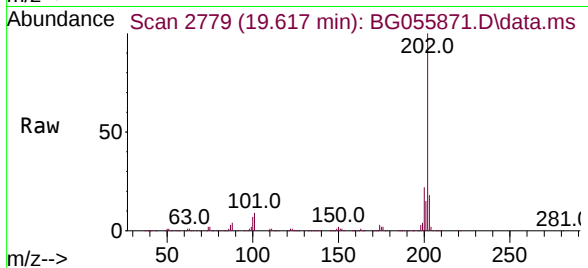
Tgt Ion:149 Resp: 633951
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 5.2 4.0 6.0





#75
Fluoranthene
Concen: 35.981 ng
RT: 19.617 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

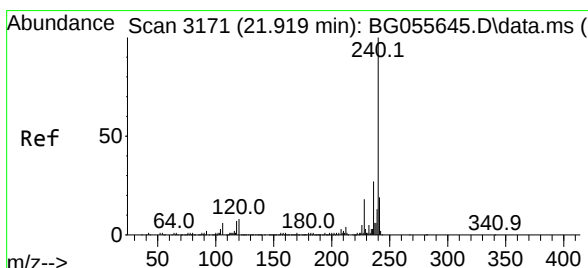
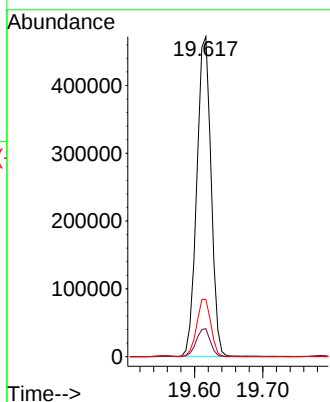
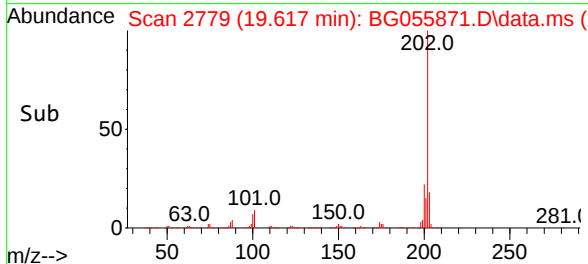
Instrument :
BNA_G
ClientSampleId :
PB149361BS



Tgt Ion:202 Resp: 685125
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.8
203 17.9 0.0 38.1

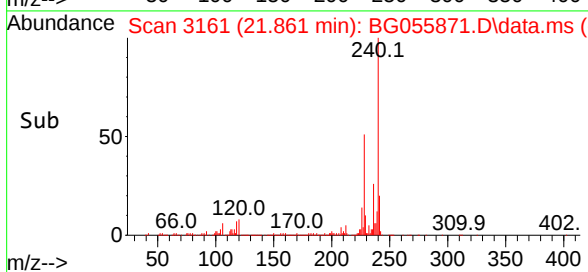
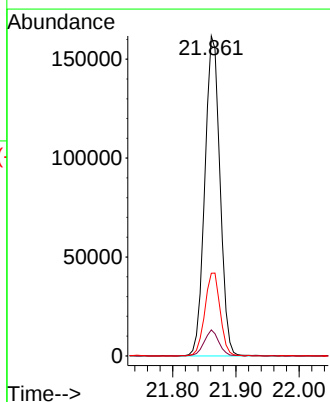
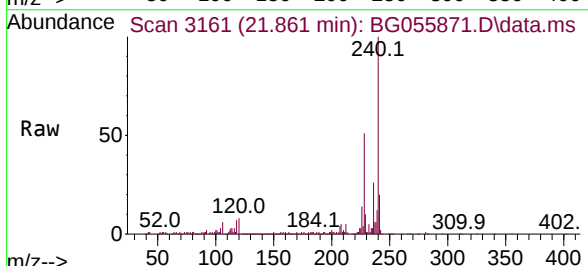
Manual Integrations
APPROVED

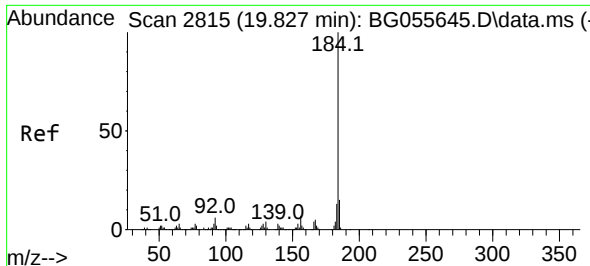
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.861 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

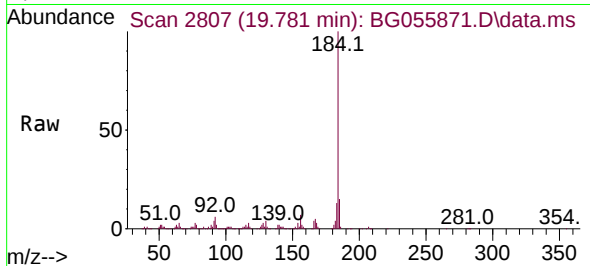
Tgt Ion:240 Resp: 269152
Ion Ratio Lower Upper
240 100
120 8.1 6.3 9.5
236 25.8 21.9 32.9





#77
Benzidine
Concen: 45.761 ng
RT: 19.781 min Scan# 2815
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

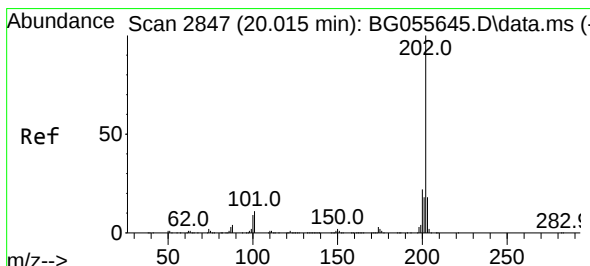
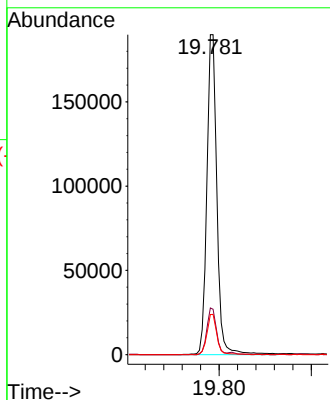
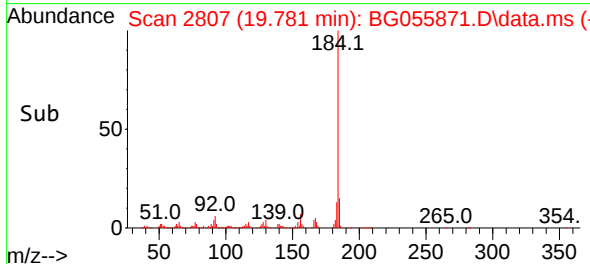
Instrument :
BNA_G
ClientSampleId :
PB149361BS



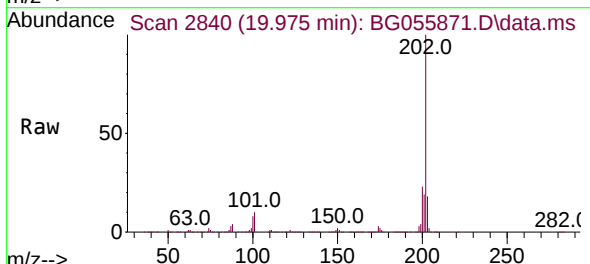
Tgt Ion:184 Resp: 284939
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.8
183 12.5 10.6 15.8

Manual Integrations
APPROVED

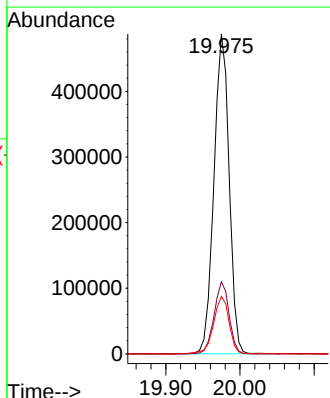
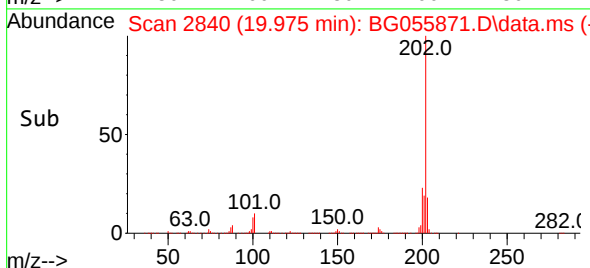
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022

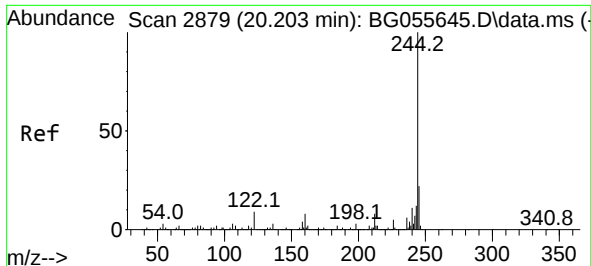


#78
Pyrene
Concen: 38.049 ng
RT: 19.975 min Scan# 2840
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46



Tgt Ion:202 Resp: 693190
Ion Ratio Lower Upper
202 100
200 22.5 17.8 26.6
203 17.9 14.4 21.6





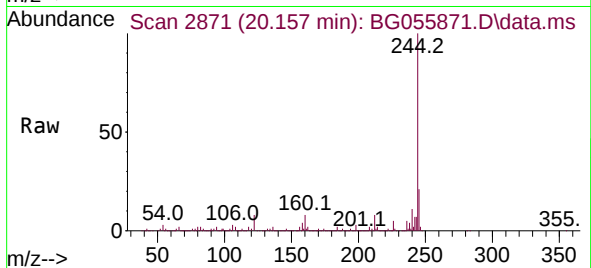
#79
 Terphenyl-d14
 Concen: 78.036 ng
 RT: 20.157 min Scan# 2879
 Delta R.T. -0.005 min
 Lab File: BG055871.D
 Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

PB149361BS

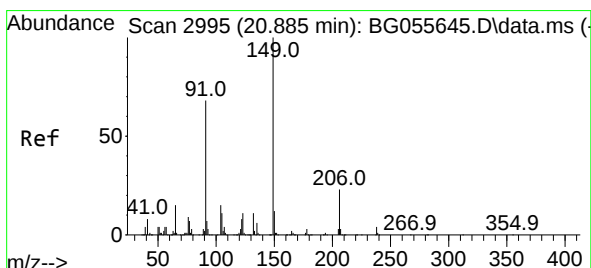
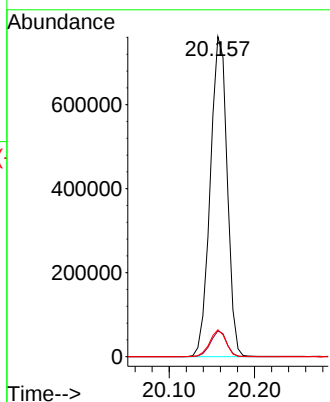
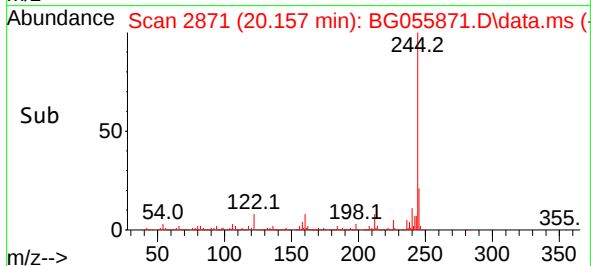


Tgt Ion:244 Resp: 1050115
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 8.4 6.9 10.3

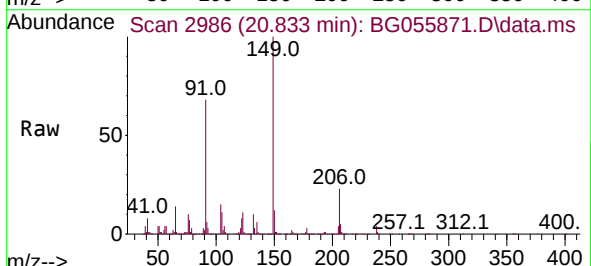
Manual Integrations

APPROVED

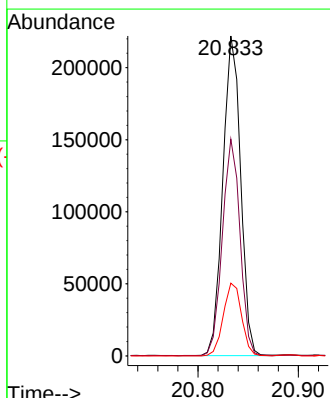
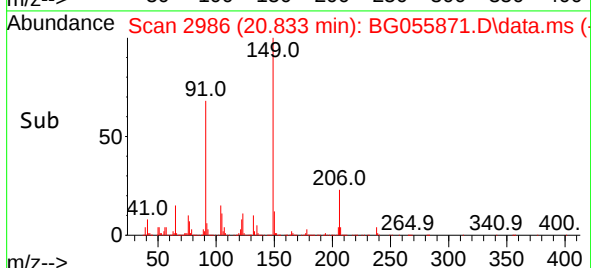
Reviewed By :Christian Giraldo 12/05/2022
 Supervised By :Jagrut Upadhyay 12/05/2022

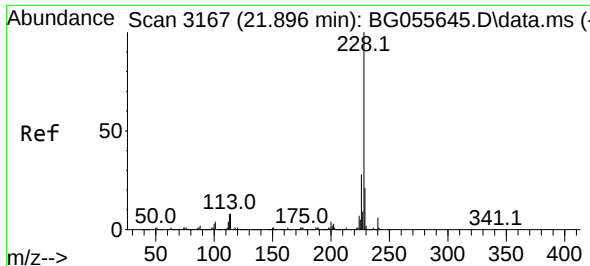


#80
 Butylbenzylphthalate
 Concen: 38.431 ng
 RT: 20.833 min Scan# 2986
 Delta R.T. -0.005 min
 Lab File: BG055871.D
 Acq: 2 Dec 2022 12:46



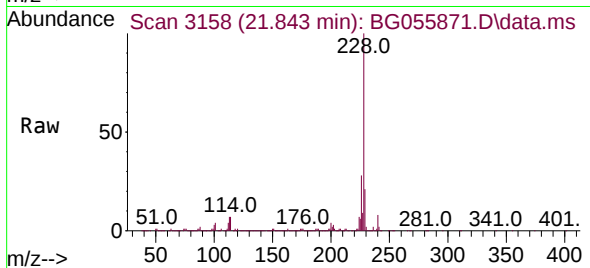
Tgt Ion:149 Resp: 274091
 Ion Ratio Lower Upper
 149 100
 91 67.8 54.6 81.8
 206 22.8 18.3 27.5





#81
Benzo(a)anthracene
Concen: 37.329 ng
RT: 21.843 min Scan# 3167
Delta R.T. -0.005 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

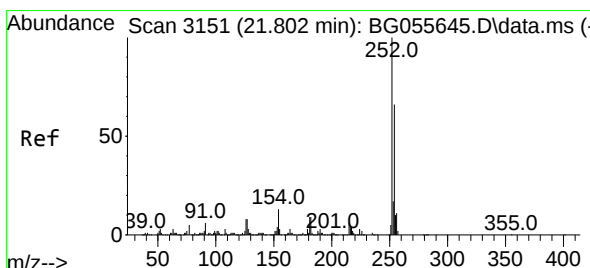
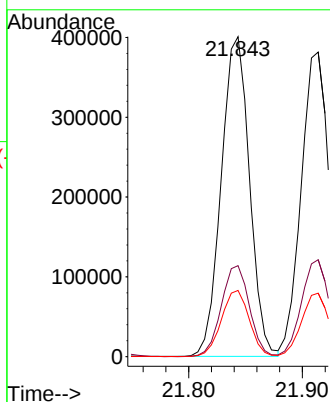
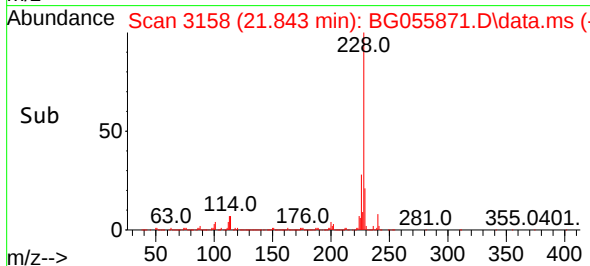
Instrument :
BNA_G
ClientSampleId :
PB149361BS



Tgt Ion:228 Resp: 692001
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 20.7 16.5 24.7

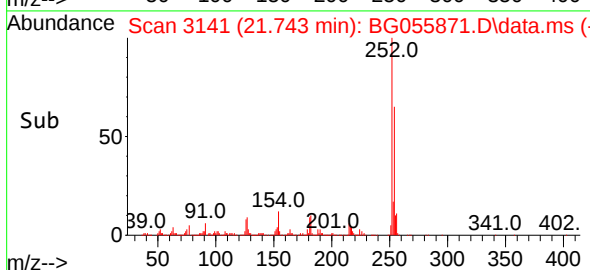
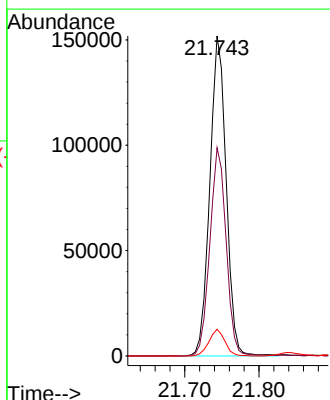
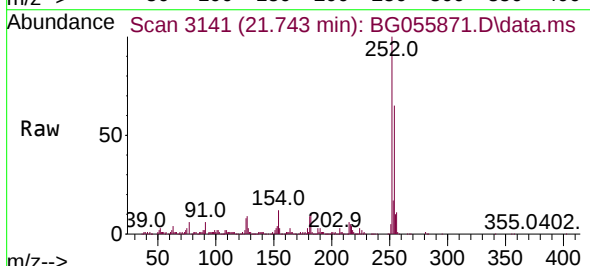
Manual Integrations
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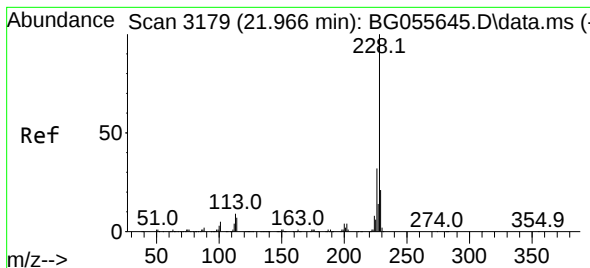
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#82
3,3'-Dichlorobenzidine
Concen: 35.692 ng
RT: 21.743 min Scan# 3141
Delta R.T. -0.011 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Tgt Ion:252 Resp: 232499
Ion Ratio Lower Upper
252 100
254 65.0 53.0 79.6
126 8.3 6.7 10.1





#83

Chrysene

Concen: 36.925 ng

RT: 21.914 min Scan# 3179

Delta R.T. -0.005 min

Lab File: BG055871.D

Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

PB149361BS

Tgt Ion:228 Resp: 651653

Ion Ratio Lower Upper

228 100

226 31.8 25.4 38.2

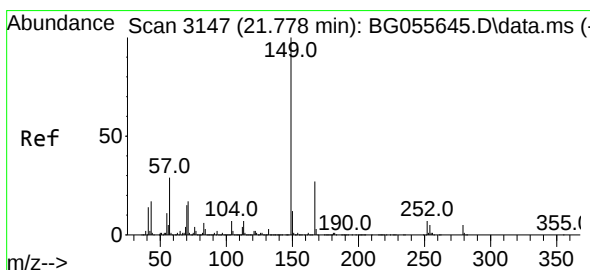
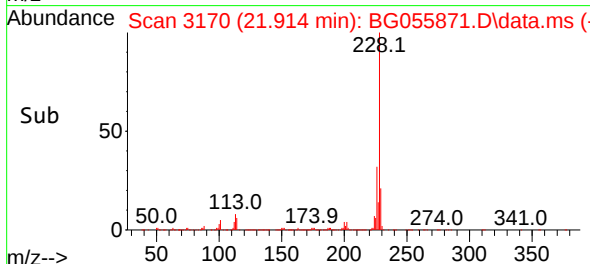
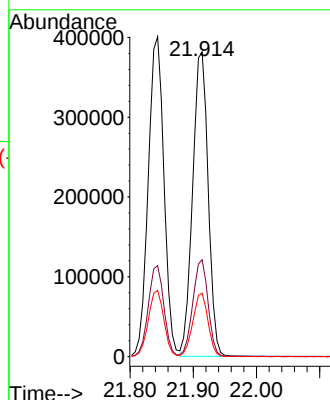
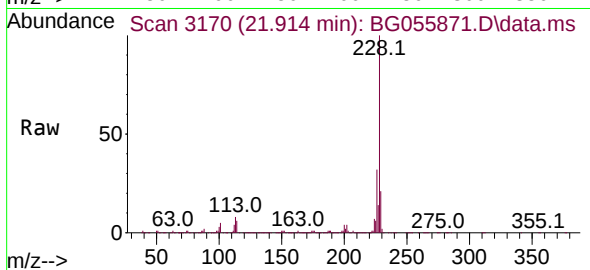
229 20.8 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/05/2022

Supervised By :Jagrut Upadhyay 12/05/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.739 ng

RT: 21.708 min Scan# 3135

Delta R.T. -0.005 min

Lab File: BG055871.D

Acq: 2 Dec 2022 12:46

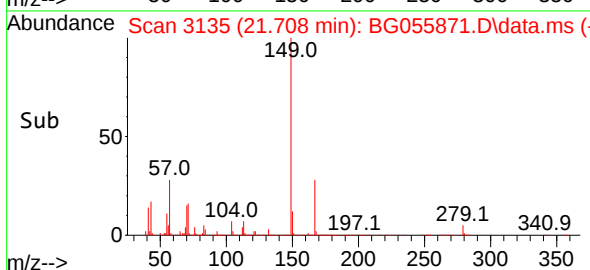
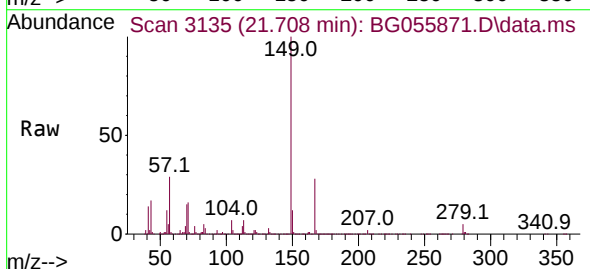
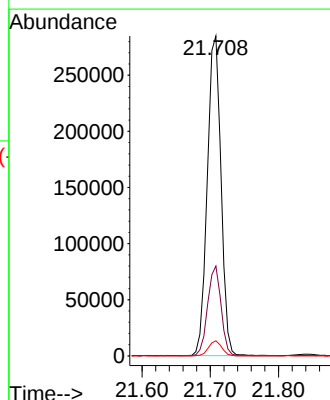
Tgt Ion:149 Resp: 397066

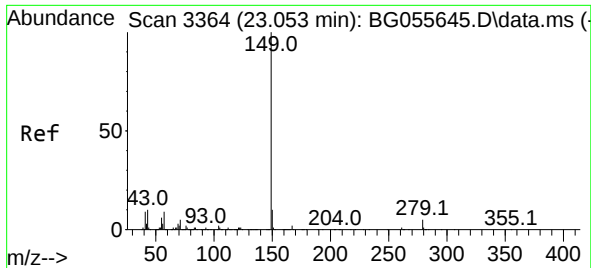
Ion Ratio Lower Upper

149 100

167 28.1 22.0 33.0

279 4.7 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 38.442 ng
RT: 22.960 min Scan# 3364
Delta R.T. -0.011 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

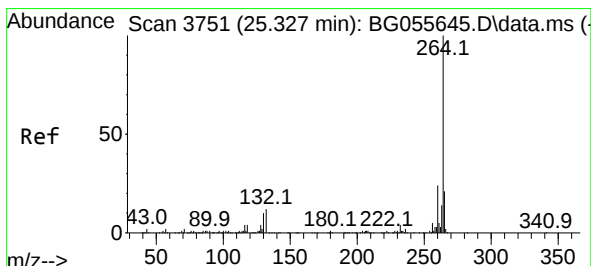
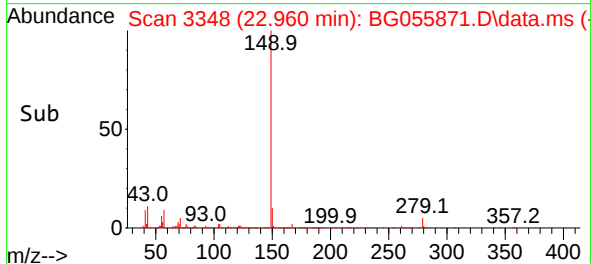
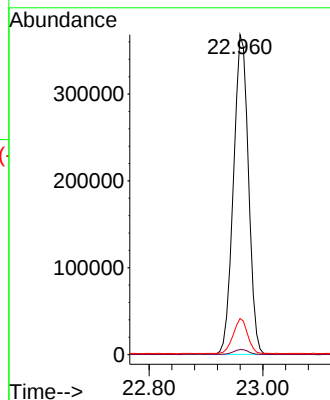
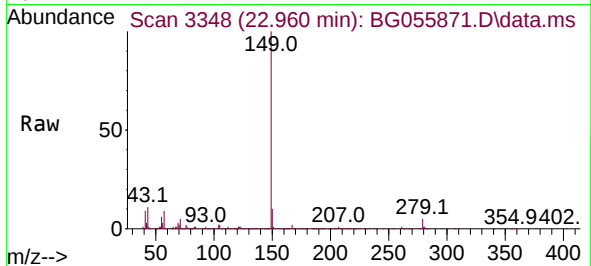
PB149361BS

Tgt Ion:149 Resp: 674306
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 8.4 12.6

Manual Integrations

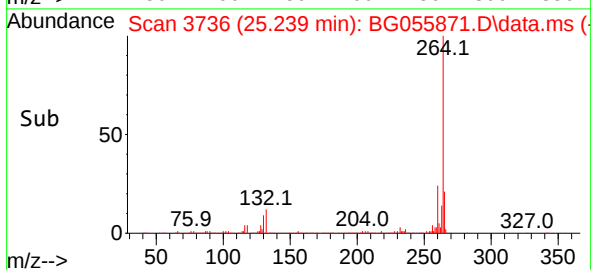
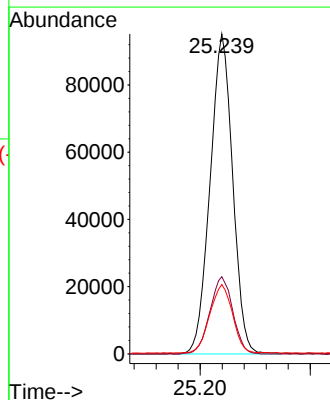
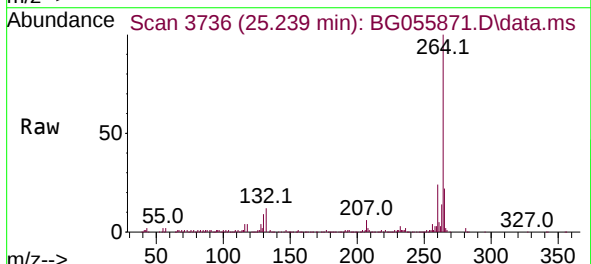
APPROVED

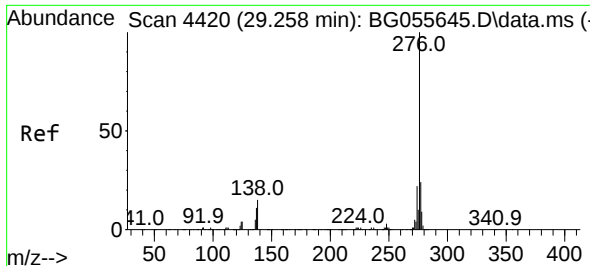
Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.239 min Scan# 3736
Delta R.T. -0.011 min
Lab File: BG055871.D
Acq: 2 Dec 2022 12:46

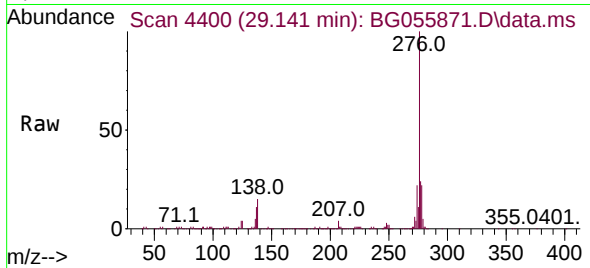
Tgt Ion:264 Resp: 270392
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 21.7 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.988 ng
 RT: 29.141 min Scan# 4420
 Delta R.T. -0.011 min
 Lab File: BG055871.D
 Acq: 2 Dec 2022 12:46

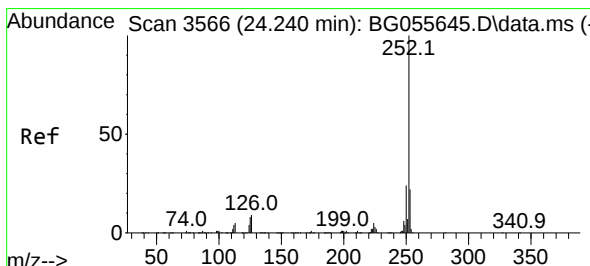
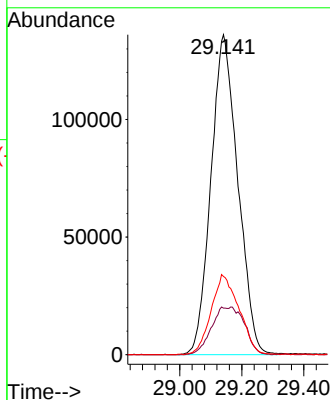
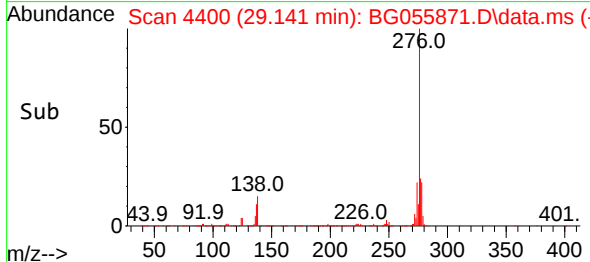
Instrument :
 BNA_G
 ClientSampleId :
 PB149361BS



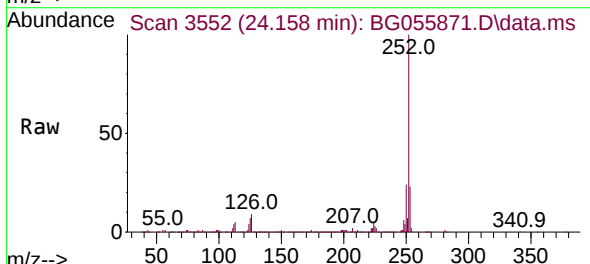
Tgt Ion:276 Resp: 819339
 Ion Ratio Lower Upper
 276 100
 138 8.9 10.4 15.6
 277 25.9 20.2 30.4

Manual Integrations
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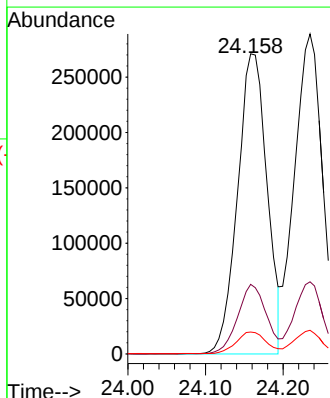
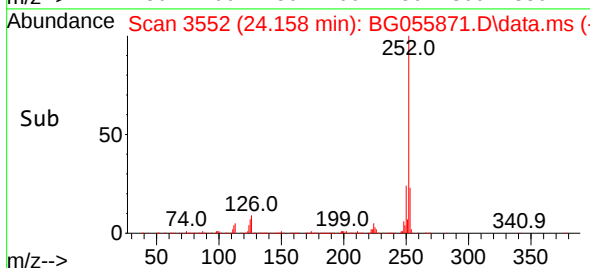
Reviewed By :Christian Giraldo 12/05/2022
 Supervised By :Jagrut Upadhyay 12/05/2022

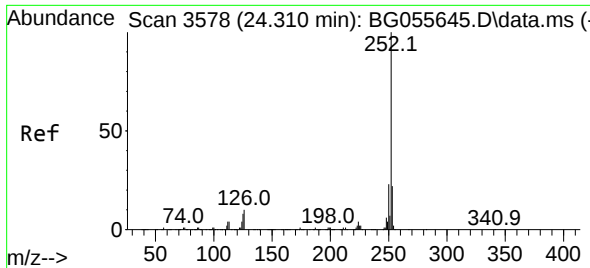


#88
 Benzo(b)fluoranthene
 Concen: 40.570 ng
 RT: 24.158 min Scan# 3552
 Delta R.T. -0.011 min
 Lab File: BG055871.D
 Acq: 2 Dec 2022 12:46



Tgt Ion:252 Resp: 714414
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.0 27.0
 125 7.3 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 40.989 ng

RT: 24.235 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG055871.D

Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

PB149361BS

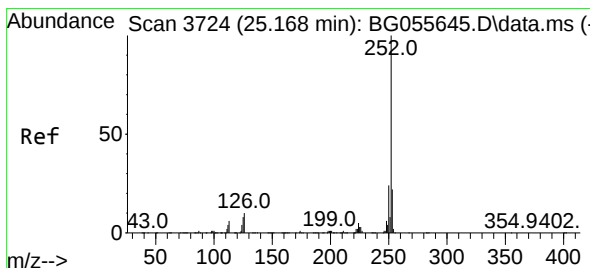
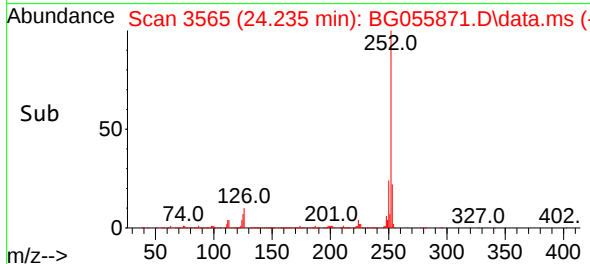
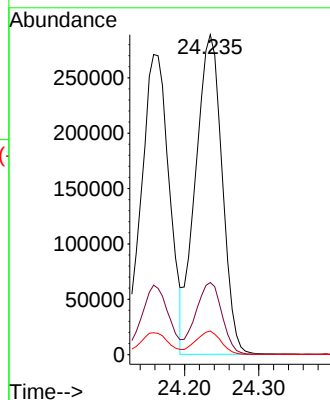
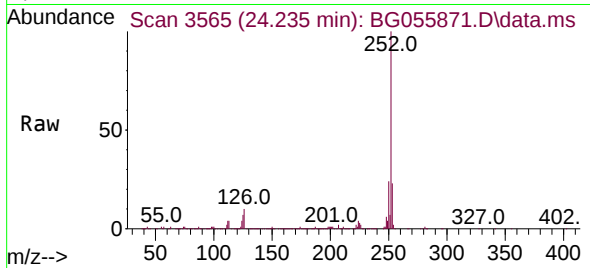
Tgt Ion:252 Resp: 719490
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.8 26.6
 125 7.4 6.1 9.1

Manual Integrations

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Reviewed By :Christian Giraldo 12/05/2022

Supervised By :Jagrut Upadhyay 12/05/2022



#90

Benzo(a)pyrene

Concen: 42.621 ng

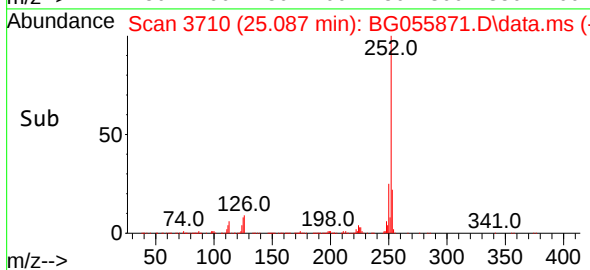
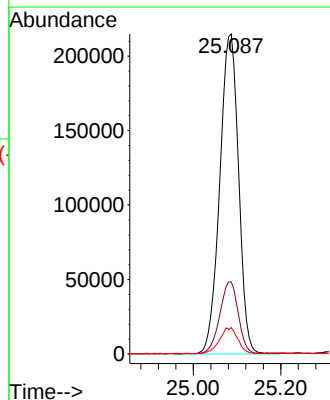
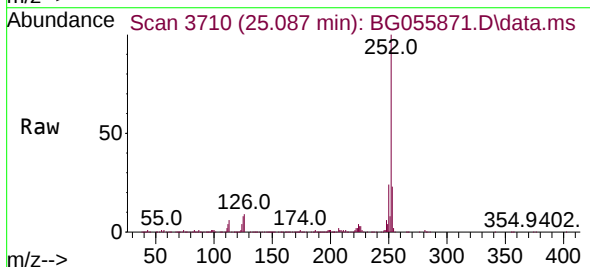
RT: 25.087 min Scan# 3710

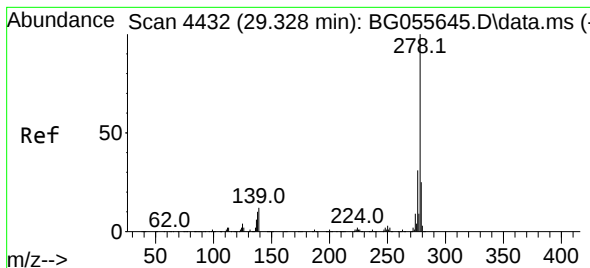
Delta R.T. -0.005 min

Lab File: BG055871.D

Acq: 2 Dec 2022 12:46

Tgt Ion:252 Resp: 644056
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.8 26.6
 125 8.2 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 38.972 ng

RT: 29.199 min Scan# 4432

Delta R.T. -0.011 min

Lab File: BG055871.D

Acq: 2 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

PB149361BS

Tgt Ion:278 Resp: 70545

Ion Ratio Lower Upper

278 100

139 11.7 9.8 14.8

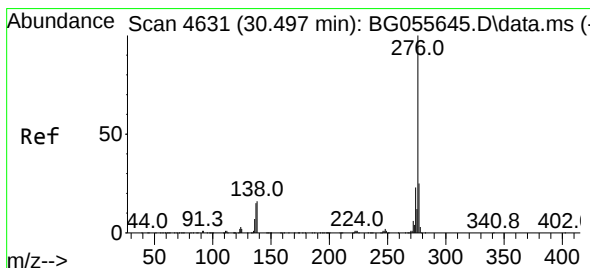
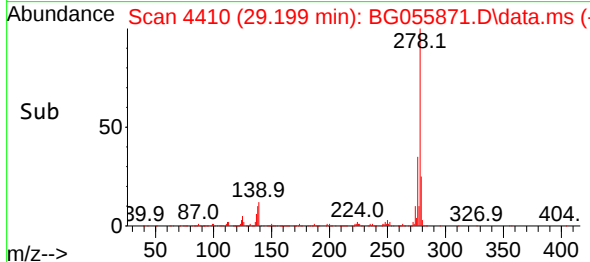
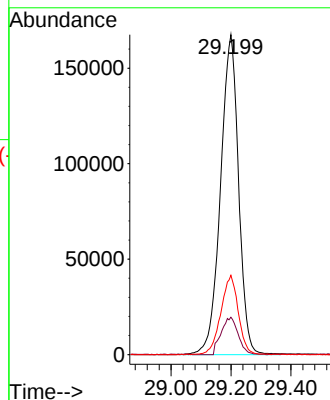
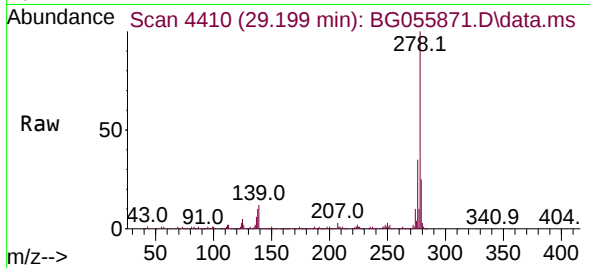
279 24.8 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/05/2022

Supervised By :Jagrut Upadhyay 12/05/2022



#92

Benzo(g,h,i)perylene

Concen: 37.846 ng

RT: 30.363 min Scan# 4608

Delta R.T. -0.011 min

Lab File: BG055871.D

Acq: 2 Dec 2022 12:46

Tgt Ion:276 Resp: 690463

Ion Ratio Lower Upper

276 100

277 24.8 19.8 29.6

138 15.6 13.1 19.7

