

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
 Data File : BG055936.D
 Acq On : 8 Dec 2022 20:49
 Operator : CG/JU
 Sample : N5942-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-120722MS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/09/2022
 Supervised By :mohammad ahmed 12/14/2022

Quant Time: Dec 09 08:12:29 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 09 07:57:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.141	152	33613	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	148907	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	101940	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	224785	20.000	ng	0.00
76) Chrysene-d12	21.807	240	192932	20.000	ng	0.00
86) Perylene-d12	25.138	264	232320	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	274795	147.769	ng	0.00
7) Phenol-d6	7.306	99	377121	152.344	ng	0.00
23) Nitrobenzene-d5	9.322	82	239876	85.144	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	173204	120.662	ng	0.00
45) 2-Fluorobiphenyl	13.399	172	585422	86.035	ng	0.00
79) Terphenyl-d14	20.109	244	863286	89.497	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.464	88	29193	36.734	ng	95
3) Pyridine	3.887	79	83161	34.110	ng	98
4) n-Nitrosodimethylamine	3.799	42	55339	42.873	ng	99
6) Aniline	7.453	93	90359	29.061	ng	98
8) 2-Chlorophenol	7.706	128	113826	53.543	ng	98
9) Benzaldehyde	7.265	77	54439m	32.382	ng	
10) Phenol	7.330	94	147320	53.151	ng	99
11) bis(2-Chloroethyl)ether	7.547	93	98679	46.456	ng	98
12) 1,3-Dichlorobenzene	8.029	146	118453	47.392	ng	97
13) 1,4-Dichlorobenzene	8.176	146	119204	47.197	ng	99
14) 1,2-Dichlorobenzene	8.499	146	117057	48.365	ng	97
15) Benzyl Alcohol	8.381	79	105868m	52.623	ng	
16) 2,2'-oxybis(1-Chloropr...	8.663	45	190379	49.510	ng	100
17) 2-Methylphenol	8.593	107	105203	53.461	ng	99
18) Hexachloroethane	9.233	117	42922	49.376	ng	99
19) n-Nitroso-di-n-propyla...	8.951	70	88571	46.568	ng	99
20) 3+4-Methylphenols	8.922	107	143734	52.287	ng	99
22) Acetophenone	8.975	105	173970	44.961	ng	# 98
24) Nitrobenzene	9.363	77	134579	45.733	ng	100
25) Isophorone	9.886	82	252493	47.301	ng	99
26) 2-Nitrophenol	10.079	139	69528	51.181	ng	96
27) 2,4-Dimethylphenol	10.132	122	119901m	57.993	ng	
28) bis(2-Chloroethoxy)met...	10.356	93	143982	50.243	ng	100
29) 2,4-Dichlorophenol	10.620	162	123913	50.073	ng	99
30) 1,2,4-Trichlorobenzene	10.832	180	132304	46.019	ng	99
31) Naphthalene	11.020	128	370245	45.995	ng	100
32) Benzoic acid	10.326	122	37499	22.045	ng	95
33) 4-Chloroaniline	11.131	127	81627	24.582	ng	98
34) Hexachlorobutadiene	11.296	225	86458	44.041	ng	98
35) Caprolactam	11.919	113	38501	44.959	ng	# 86
36) 4-Chloro-3-methylphenol	12.253	107	135401	49.782	ng	97
37) 2-Methylnaphthalene	12.618	142	279919	46.443	ng	100
38) 1-Methylnaphthalene	12.835	142	262924	44.936	ng	100
40) 1,2,4,5-Tetrachloroben...	12.982	216	164522	51.357	ng	100
41) Hexachlorocyclopentadiene	12.953	237	50109	31.035	ng	99
43) 2,4,6-Trichlorophenol	13.223	196	100403	45.946	ng	99

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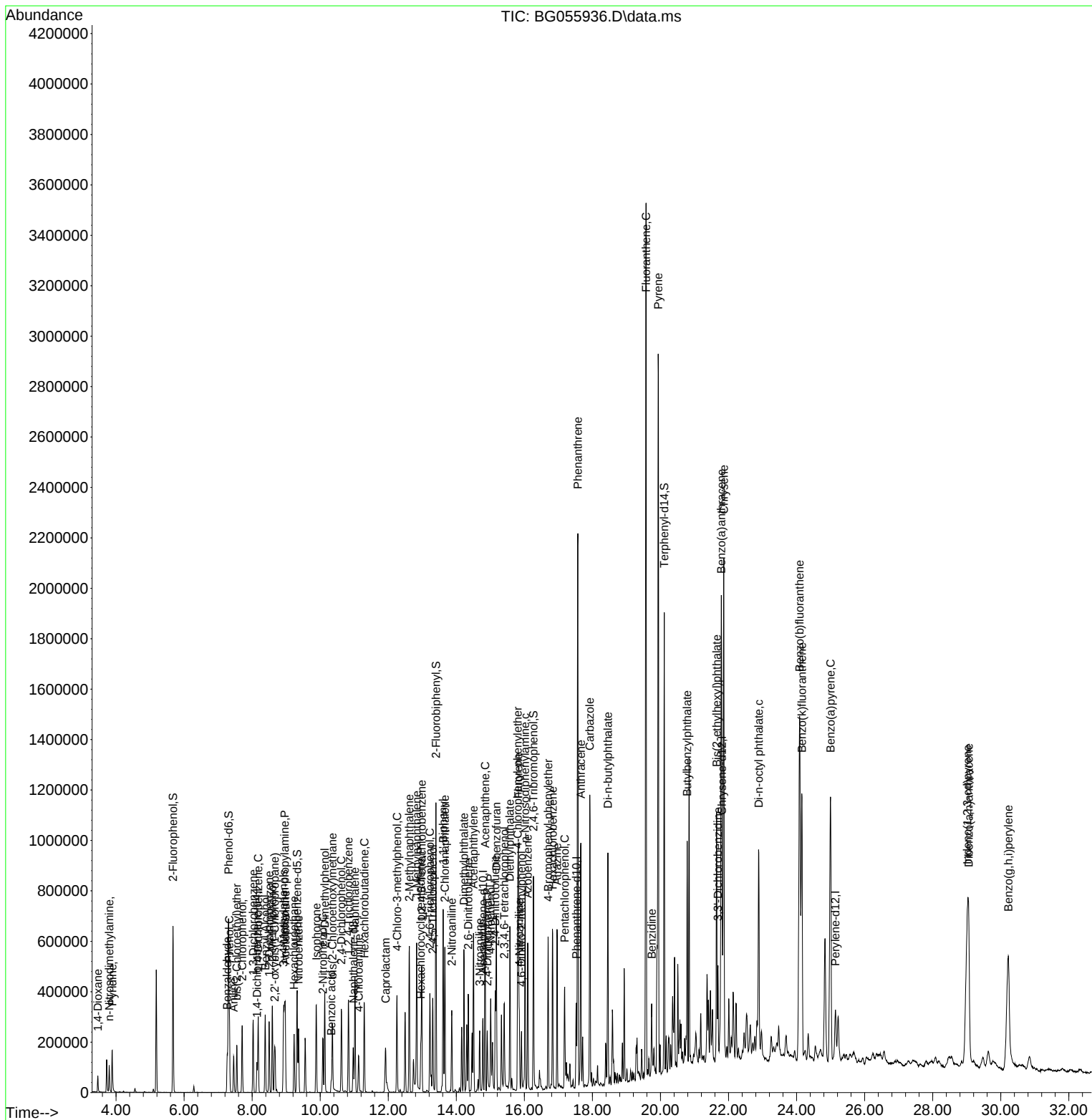
Quant Time: Dec 09 08:12:29 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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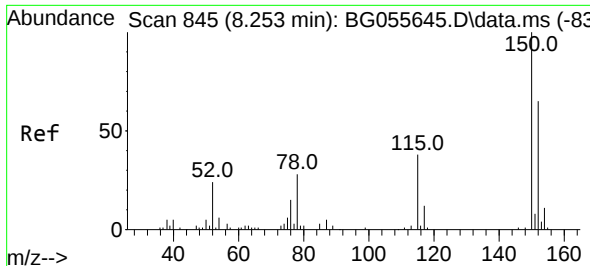
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.305	196	107707	44.851	ng	96
46) 1,1'-Biphenyl	13.611	154	372136	50.096	ng	98
47) 2-Chloronaphthalene	13.664	162	282293	48.891	ng	98
48) 2-Nitroaniline	13.863	65	95002	50.045	ng	98
49) Acenaphthylene	14.504	152	459684	48.347	ng	100
50) Dimethylphthalate	14.222	163	367854	45.267	ng	100
51) 2,6-Dinitrotoluene	14.351	165	80893	48.685	ng	98
52) Acenaphthene	14.844	154	330952m	53.258	ng	
53) 3-Nitroaniline	14.686	138	59651	32.703	ng	100
54) 2,4-Dinitrophenol	14.909	184	64121	67.119	ng	98
55) Dibenzofuran	15.174	168	463506	48.350	ng	98
56) 4-Nitrophenol	15.009	139	99349	69.399	ng	94
57) 2,4-Dinitrotoluene	15.144	165	111713	47.687	ng	98
58) Fluorene	15.820	166	387323	50.587	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.409	232	91704m	39.411	ng	
60) Diethylphthalate	15.573	149	362299	44.097	ng	99
61) 4-Chlorophenyl-phenyle...	15.802	204	194231	46.149	ng	97
62) 4-Nitroaniline	15.849	138	79006	41.436	ng	96
63) Azobenzene	16.096	77	328964	45.863	ng	98
65) 4,6-Dinitro-2-methylph...	15.914	198	55663	44.347	ng	99
66) n-Nitrosodiphenylamine	16.020	169	308931	49.869	ng	99
67) 4-Bromophenyl-phenylether	16.701	248	125111	48.849	ng	98
68) Hexachlorobenzene	16.830	284	136088	47.920	ng	98
69) Atrazine	16.960	200	124526	50.826	ng	99
70) Pentachlorophenol	17.183	266	96301m	55.433	ng	
71) Phenanthrene	17.571	178	1454784	119.929	ng	97
72) Anthracene	17.659	178	652298	55.345	ng	99
73) Carbazole	17.923	167	751017	70.880	ng	99
74) Di-n-butylphthalate	18.452	149	600152	45.616	ng	99
75) Fluoranthene	19.574	202	2326326	157.637	ng	94
77) Benzidine	19.739	184	175893	39.408	ng	98
78) Pyrene	19.933	202	1968781	150.758	ng	94
80) Butylbenzylphthalate	20.785	149	258624	50.588	ng	99
81) Benzo(a)anthracene	21.783	228	1260215	94.836	ng	97
82) 3,3'-Dichlorobenzidine	21.689	252	144266	30.897	ng	100
83) Chrysene	21.860	228	1426487m	112.762	ng	
84) Bis(2-ethylhexyl)phtha...	21.648	149	373850	50.883	ng	99
85) Di-n-octyl phthalate	22.888	149	638075	50.748	ng	99
87) Indeno(1,2,3-cd)pyrene	29.016	276	1288031	67.676	ng	# 96
88) Benzo(b)fluoranthene	24.087	252	1713530	113.254	ng	97
89) Benzo(k)fluoranthene	24.157	252	1073834	71.202	ng	97
90) Benzo(a)pyrene	24.997	252	1281722	98.720	ng	97
91) Dibenzo(a,h)anthracene	29.057	278	759333	48.823	ng	99
92) Benzo(g,h,i)perylene	30.221	276	1147324	73.193	ng	100

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

Manual Integrations APPROVED

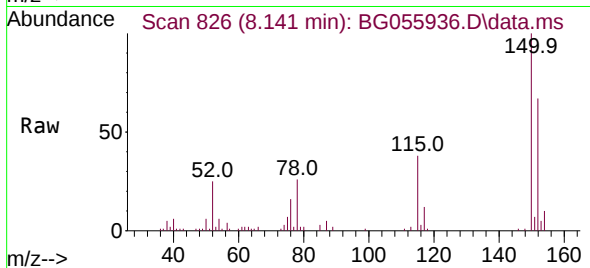
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.141 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

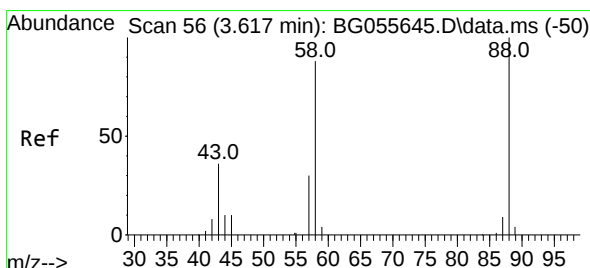
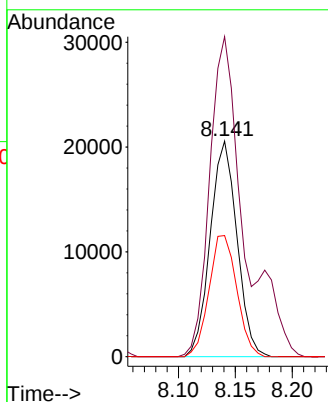
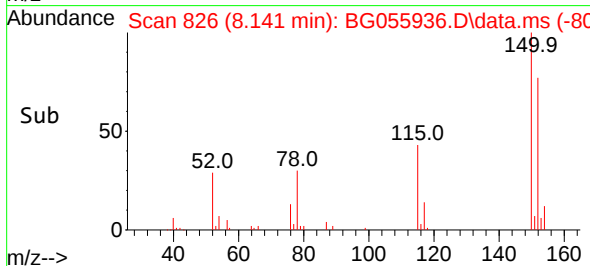
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS



Tgt Ion:152 Resp: 33613
Ion Ratio Lower Upper
152 100
150 148.5 123.0 184.6
115 56.2 47.0 70.4

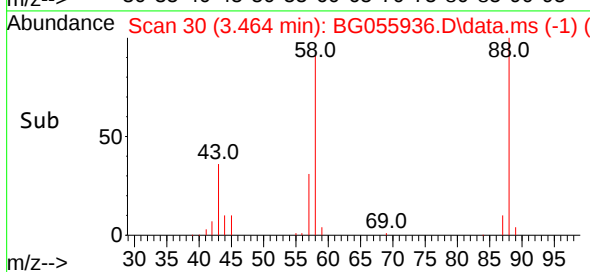
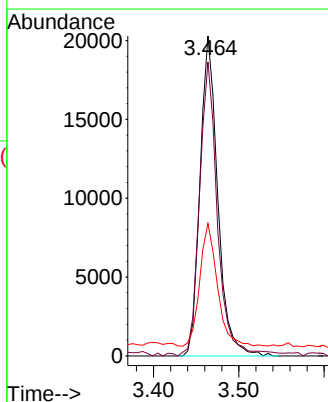
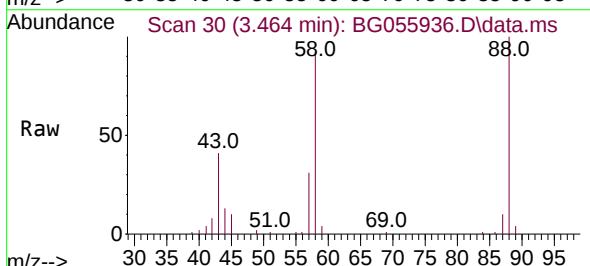
Manual Integrations
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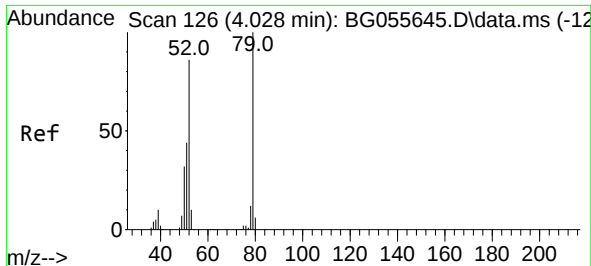
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#2
1,4-Dioxane
Concen: 36.734 ng
RT: 3.464 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

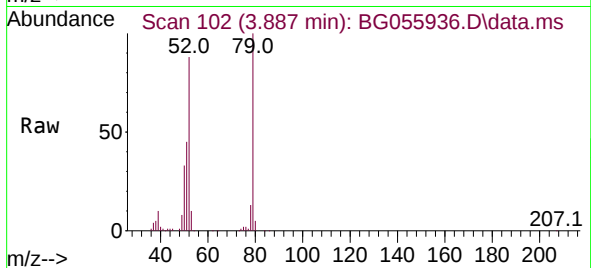
Tgt Ion: 88 Resp: 29193
Ion Ratio Lower Upper
88 100
58 94.0 71.3 106.9
43 38.2 28.6 43.0





#3
Pyridine
Concen: 34.110 ng
RT: 3.887 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

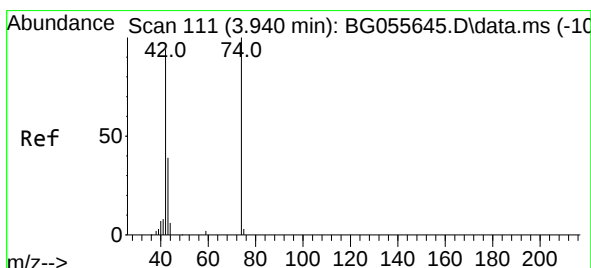
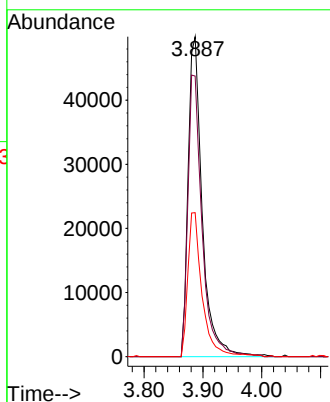
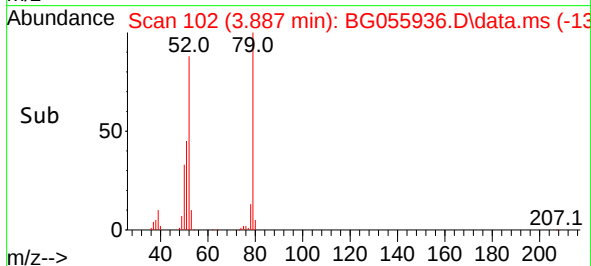
Instrument :
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ClientSampleId :
OK-01-120722MS



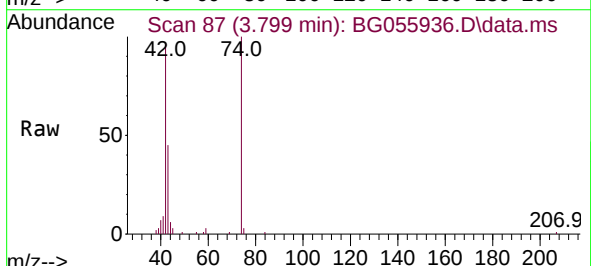
Tgt Ion: 79 Resp: 8316
Ion Ratio Lower Upper
79 100
52 87.7 68.9 103.3
51 45.0 34.8 52.2

Manual Integrations
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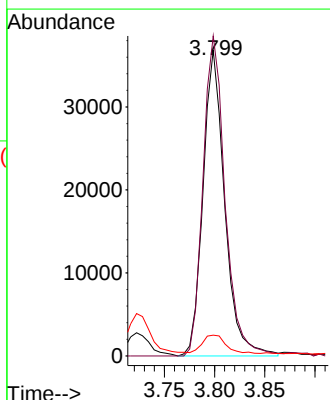
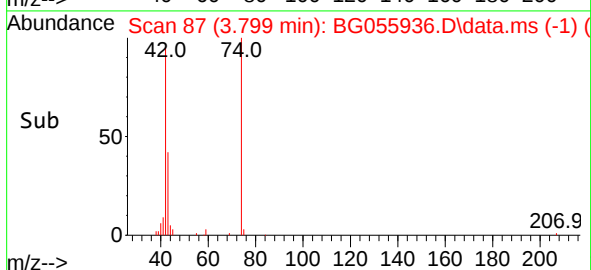
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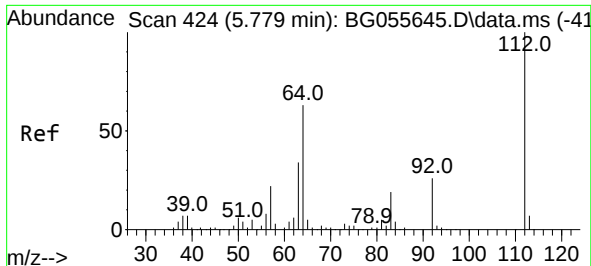


#4
n-Nitrosodimethylamine
Concen: 42.873 ng
RT: 3.799 min Scan# 87
Delta R.T. -0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49



Tgt Ion: 42 Resp: 55339
Ion Ratio Lower Upper
42 100
74 104.6 84.7 127.1
44 6.8 5.4 8.0





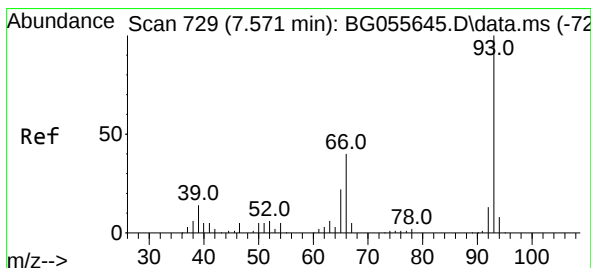
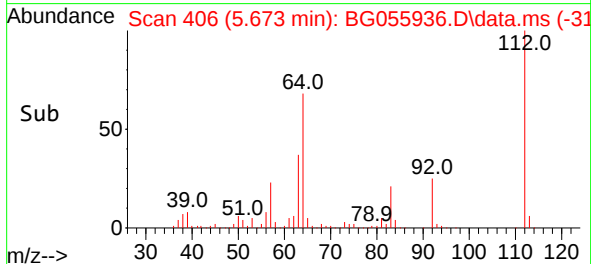
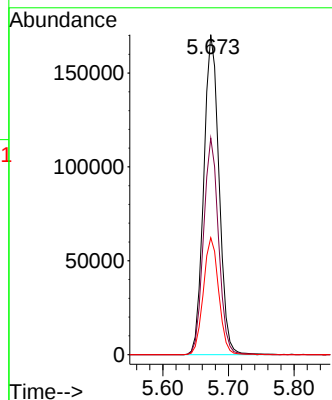
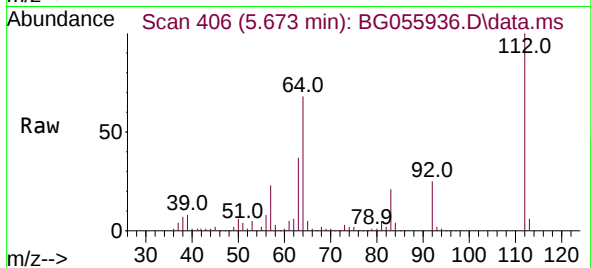
#5
2-Fluorophenol
Concen: 147.769 ng
RT: 5.673 min Scan# 406
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Instrument :
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ClientSampleId :
OK-01-120722MS

Tgt Ion:112 Resp: 274795
Ion Ratio Lower Upper
112 100
64 67.7 50.6 76.0
63 36.6 27.5 41.3

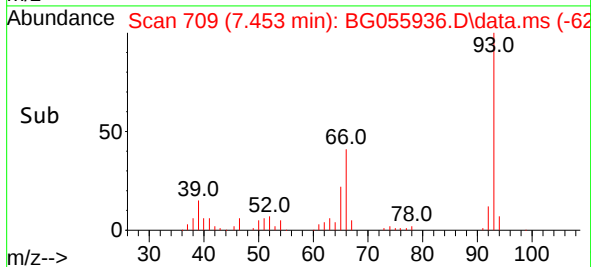
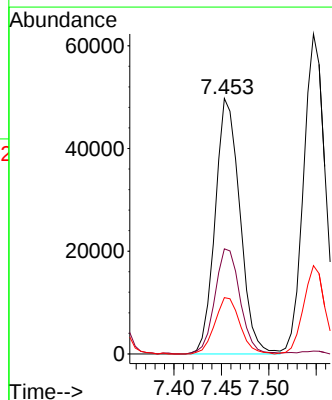
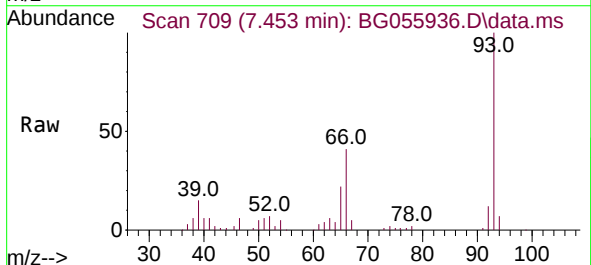
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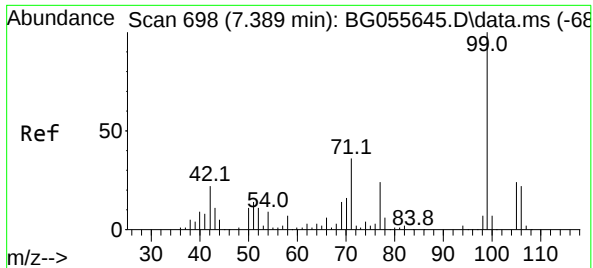
Reviewed By :Christian Giraldo 12/09/2022
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#6
Aniline
Concen: 29.061 ng
RT: 7.453 min Scan# 709
Delta R.T. -0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

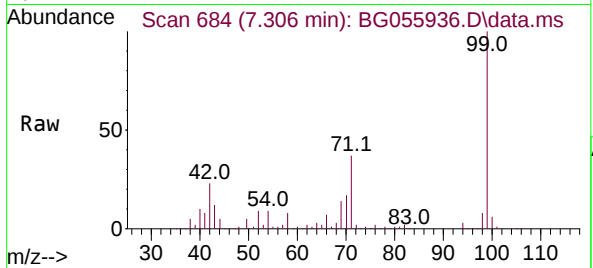
Tgt Ion: 93 Resp: 90359
Ion Ratio Lower Upper
93 100
66 41.1 31.7 47.5
65 22.0 17.9 26.9





#7
Phenol-d6
Concen: 152.344 ng
RT: 7.306 min Scan# 684
Delta R.T. 0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

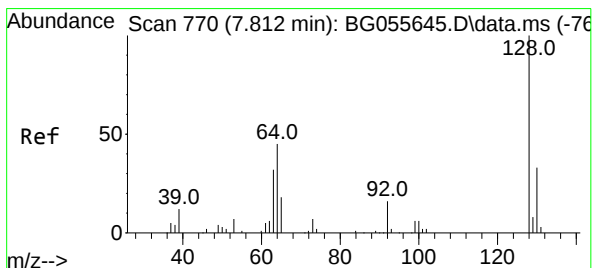
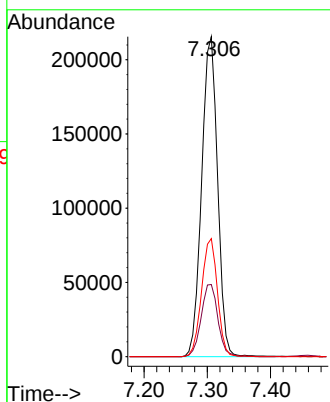
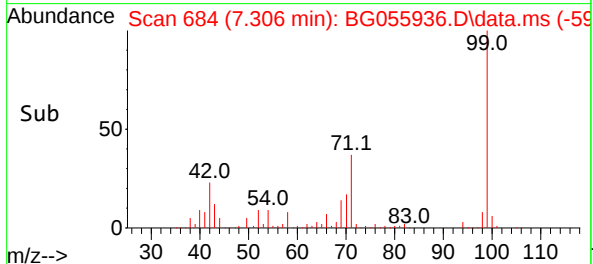
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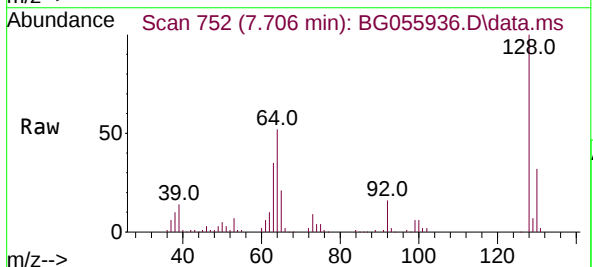
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Ion Ratio Lower Upper
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42 22.5 18.0 27.0
71 36.9 29.0 43.6

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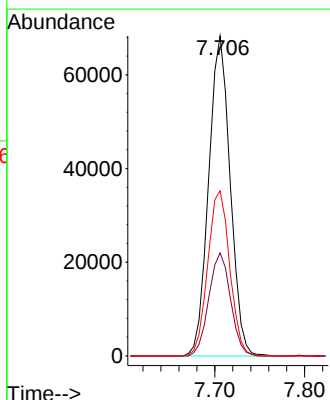
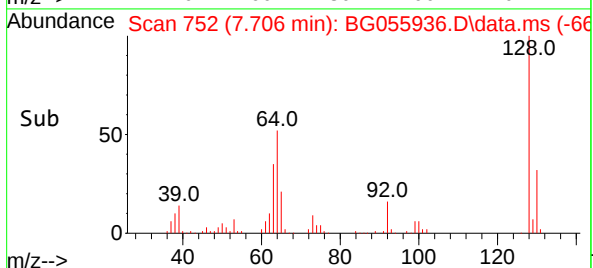
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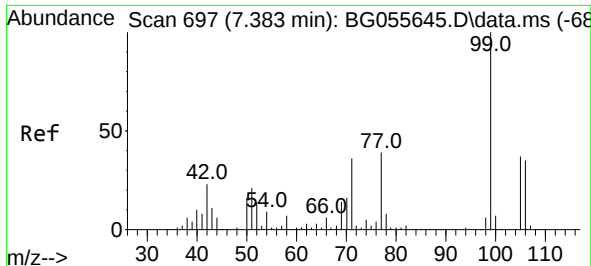


#8
2-Chlorophenol
Concen: 53.543 ng
RT: 7.706 min Scan# 752
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49



Tgt Ion:128 Resp: 113826
Ion Ratio Lower Upper
128 100
130 32.2 13.1 53.1
64 51.6 30.2 70.2





#9
Benzaldehyde
Concen: 32.382 ng m
RT: 7.265 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Instrument :

BNA_G

ClientSampleId :

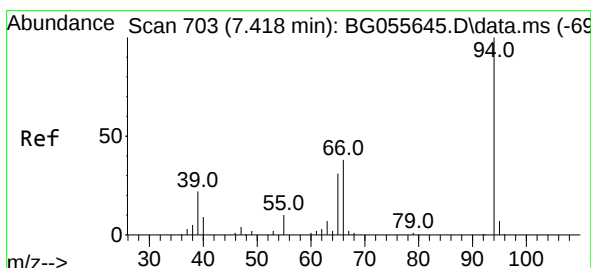
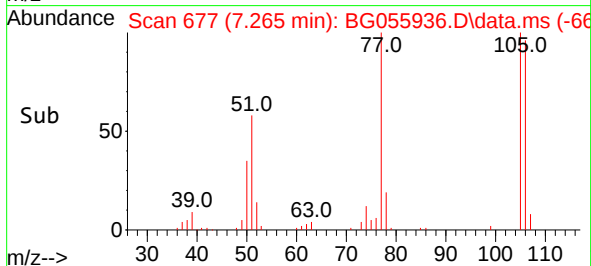
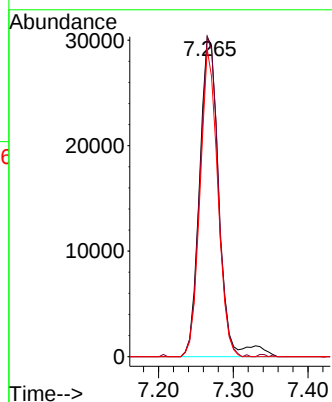
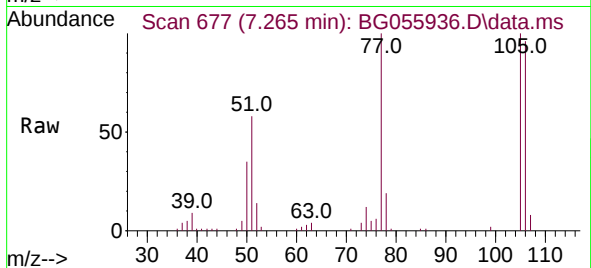
OK-01-120722MS

Tgt Ion: 77 Resp: 54439
Ion Ratio Lower Upper
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105 100.0 76.3 116.3
106 96.0 69.8 109.8

Manual Integrations

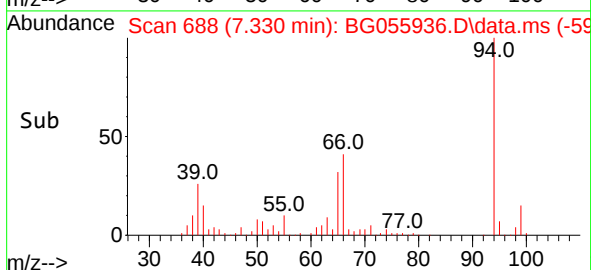
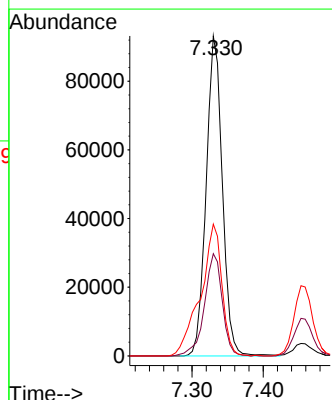
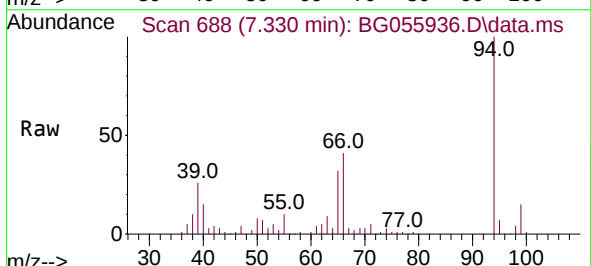
APPROVED

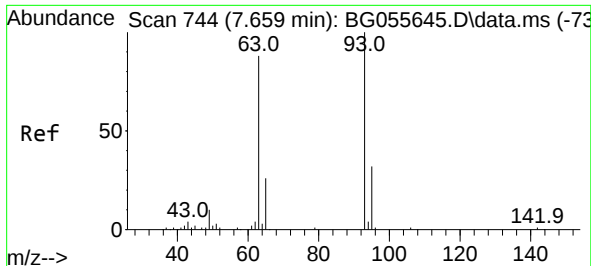
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#10
Phenol
Concen: 53.151 ng
RT: 7.330 min Scan# 688
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Tgt Ion: 94 Resp: 147320
Ion Ratio Lower Upper
94 100
65 31.9 11.8 51.8
66 41.2 20.5 60.5





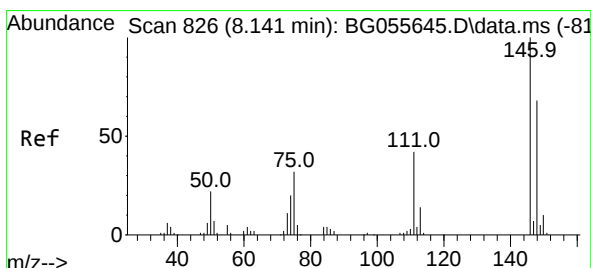
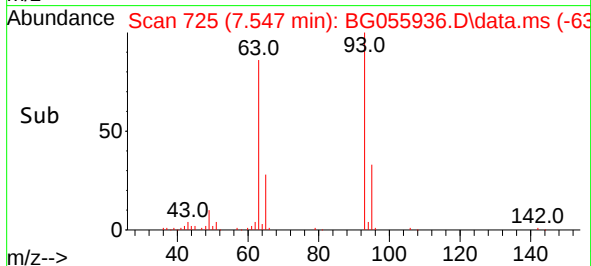
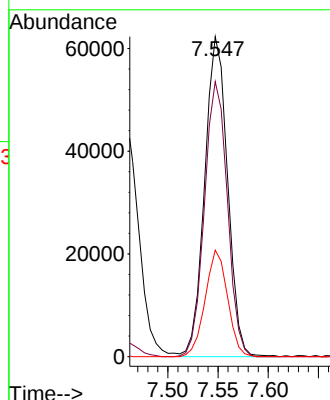
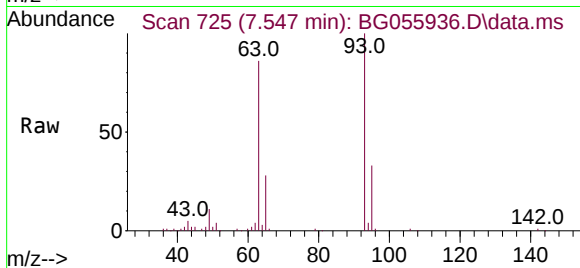
#11
bis(2-Chloroethyl)ether
Concen: 46.456 ng
RT: 7.547 min Scan# 744
Delta R.T. -0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS

Tgt Ion: 93 Resp: 98679
Ion Ratio Lower Upper
93 100
63 85.9 67.6 107.6
95 33.3 11.8 51.8

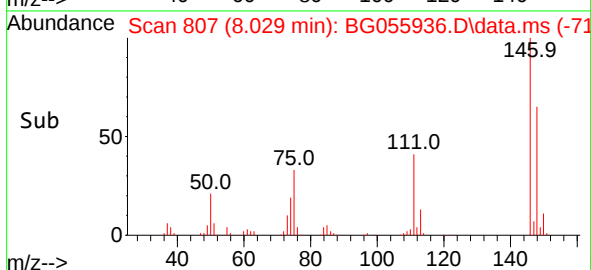
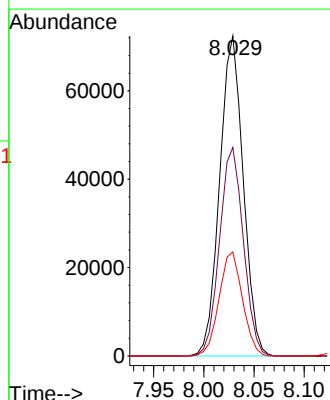
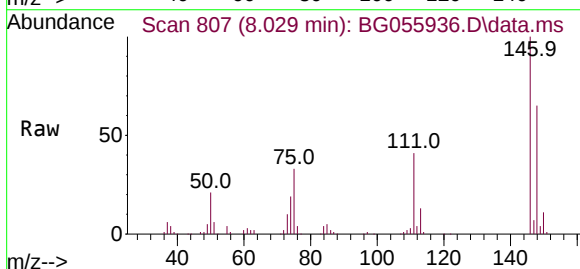
Manual Integrations
APPROVED

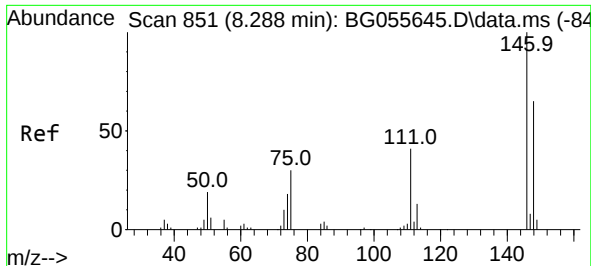
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#12
1,3-Dichlorobenzene
Concen: 47.392 ng
RT: 8.029 min Scan# 807
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Tgt Ion:146 Resp: 118453
Ion Ratio Lower Upper
146 100
148 65.1 54.6 81.8
75 32.5 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 47.197 ng

RT: 8.176 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG055936.D

Acq: 8 Dec 2022 20:49

Instrument :

BNA_G

ClientSampleId :

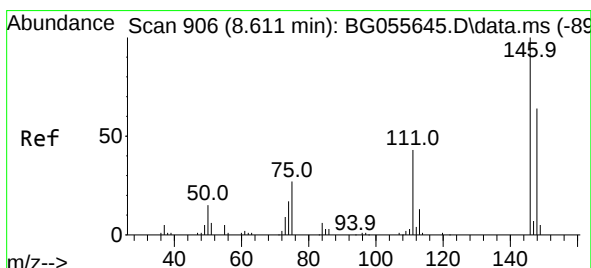
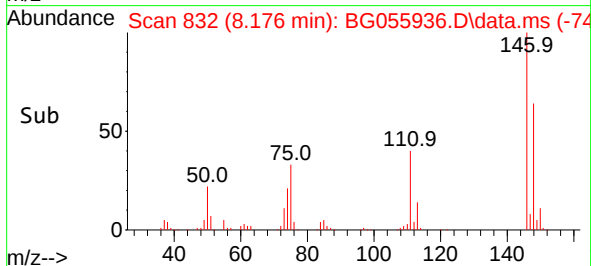
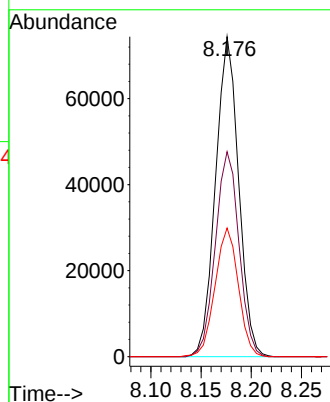
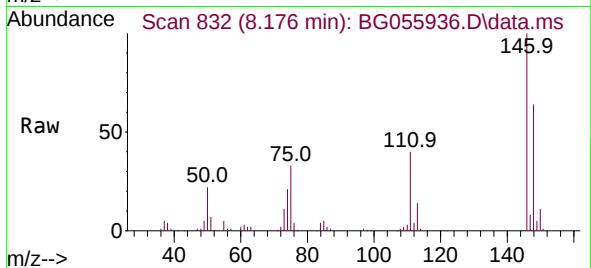
OK-01-120722MS

Tgt Ion:146 Resp: 119204
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.1 78.1
 111 40.2 33.0 49.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/09/2022
 Supervised By :mohammad ahmed 12/14/2022



#14

1,2-Dichlorobenzene

Concen: 48.365 ng

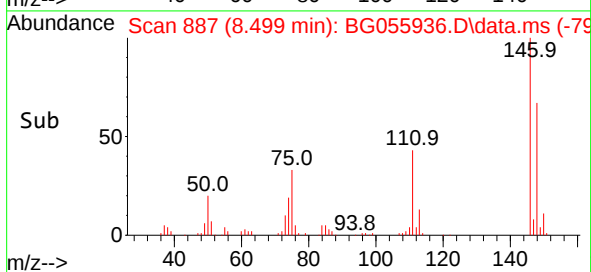
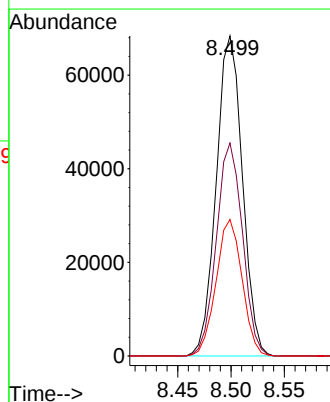
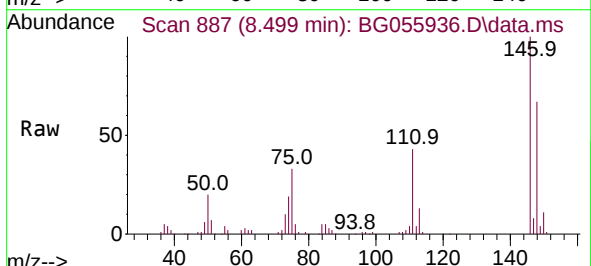
RT: 8.499 min Scan# 887

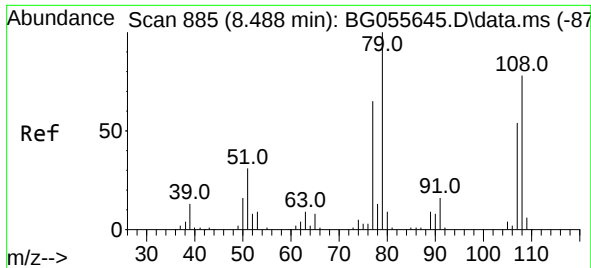
Delta R.T. 0.000 min

Lab File: BG055936.D

Acq: 8 Dec 2022 20:49

Tgt Ion:146 Resp: 117057
 Ion Ratio Lower Upper
 146 100
 148 66.5 50.9 76.3
 111 42.6 34.5 51.7





#15
Benzyl Alcohol
Concen: 52.623 ng m
RT: 8.381 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Instrument :

BNA_G

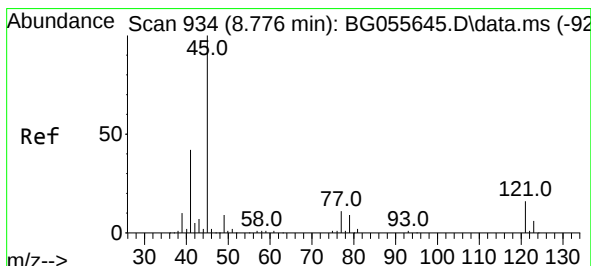
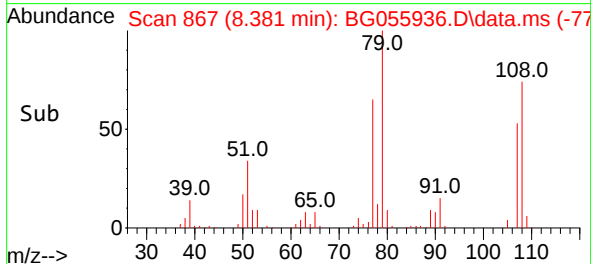
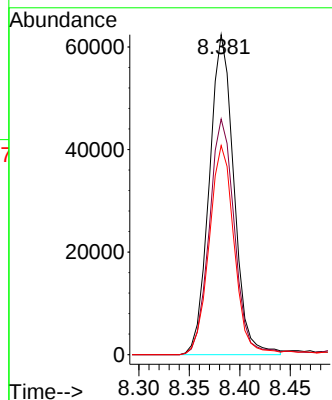
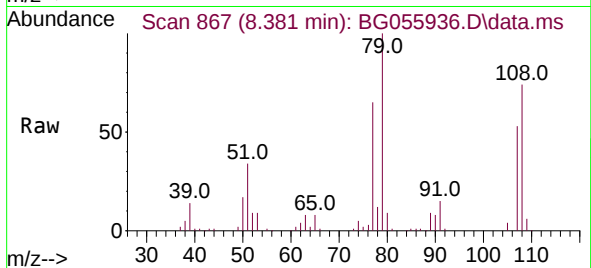
ClientSampleId :

OK-01-120722MS

Tgt Ion: 79 Resp: 105868
Ion Ratio Lower Upper
79 100
108 73.6 62.6 93.8
77 65.3 52.4 78.6

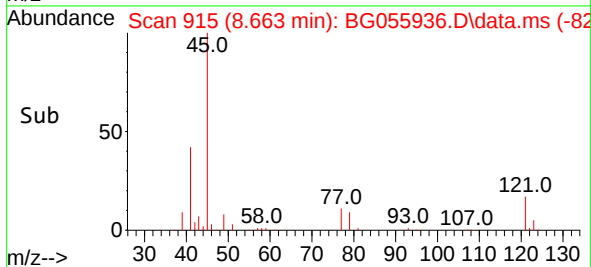
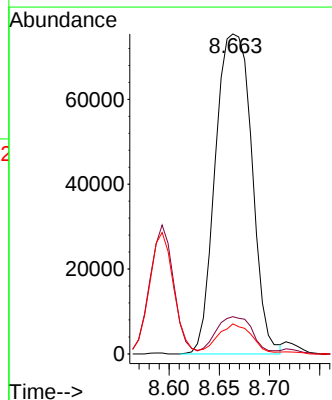
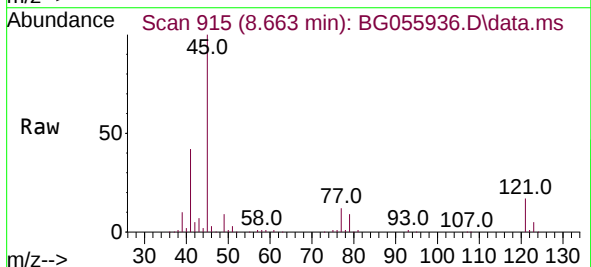
Manual Integrations
APPROVED

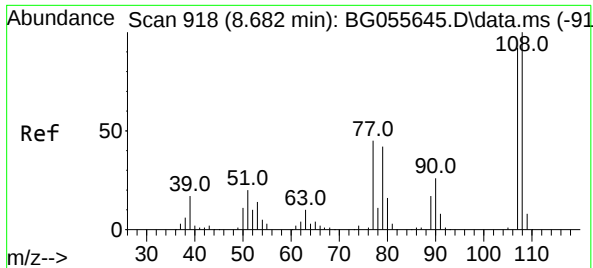
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#16
2,2'-oxybis(1-chloropropane)
Concen: 49.510 ng
RT: 8.663 min Scan# 915
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Tgt Ion: 45 Resp: 190379
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.7
79 9.4 0.0 29.5





#17
2-Methylphenol
Concen: 53.461 ng
RT: 8.593 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Instrument :

BNA_G

ClientSampleId :

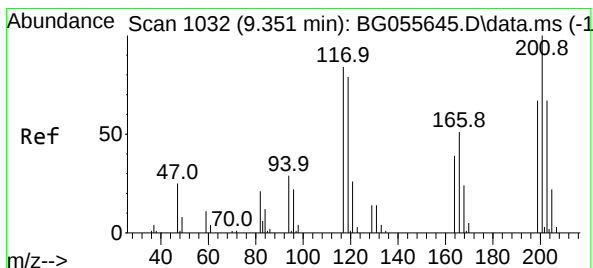
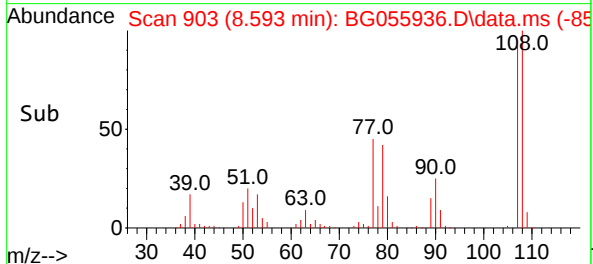
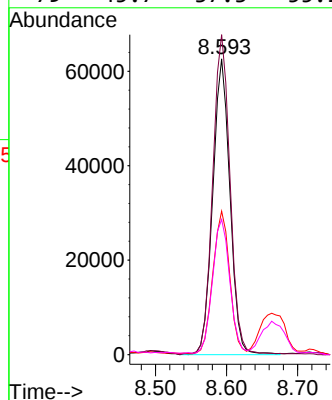
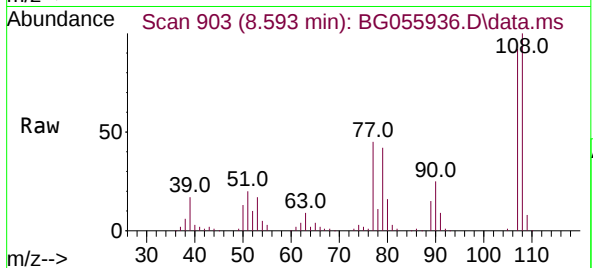
OK-01-120722MS

Tgt Ion:107 Resp: 105203
Ion Ratio Lower Upper
107 100
108 108.2 87.3 130.9
77 48.5 39.4 59.0
79 45.7 37.3 55.9

Manual Integrations

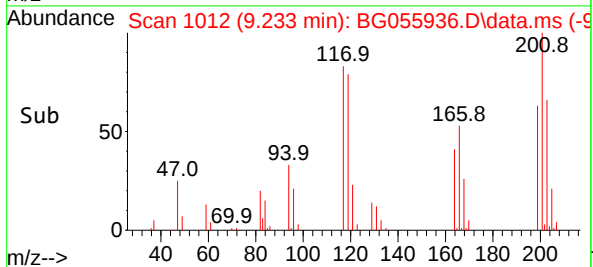
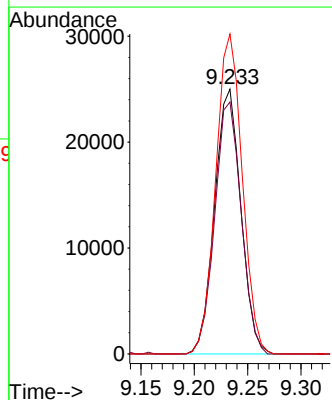
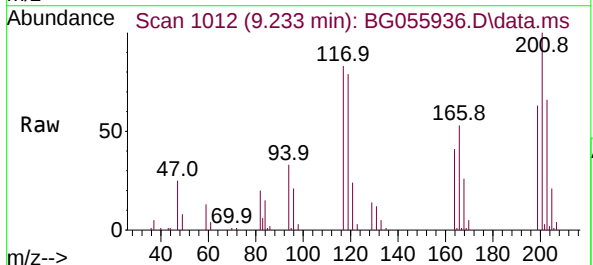
APPROVED

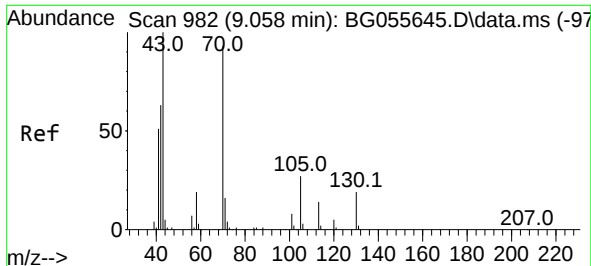
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#18
Hexachloroethane
Concen: 49.376 ng
RT: 9.233 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Tgt Ion:117 Resp: 42922
Ion Ratio Lower Upper
117 100
119 95.2 76.0 114.0
201 120.9 98.6 148.0





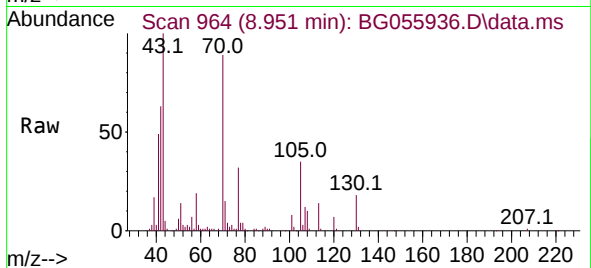
#19
n-Nitroso-di-n-propylamine
Concen: 46.568 ng
RT: 8.951 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Instrument :

BNA_G

ClientSampleId :

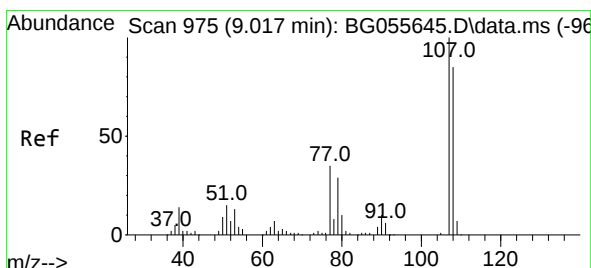
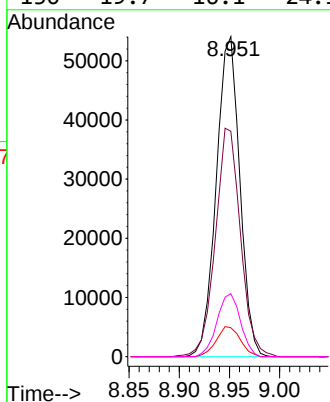
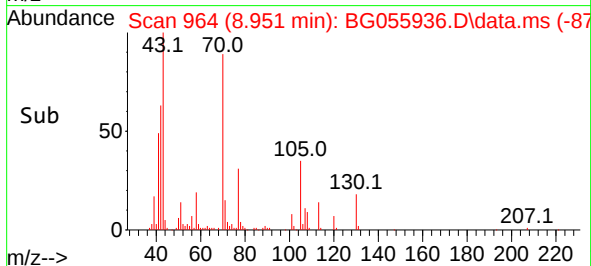
OK-01-120722MS



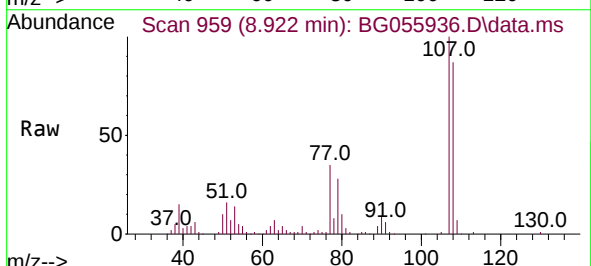
Tgt Ion: 70 Resp: 8857
Ion Ratio Lower Upper
70 100
42 70.4 55.2 82.8
101 9.0 7.1 10.7
130 19.7 16.1 24.1

Manual Integrations
APPROVED

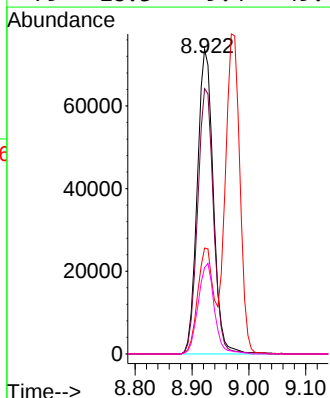
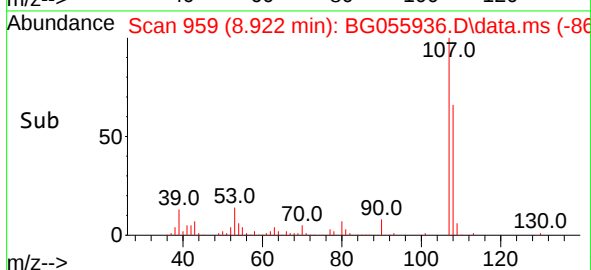
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

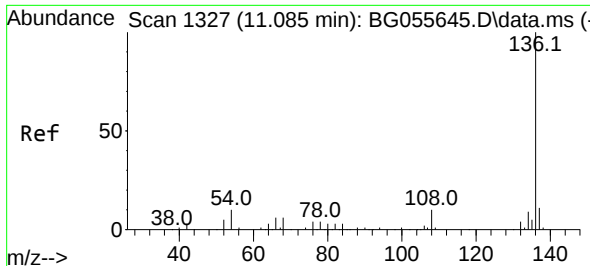


#20
3+4-Methylphenols
Concen: 52.287 ng
RT: 8.922 min Scan# 959
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49



Tgt Ion:107 Resp: 143734
Ion Ratio Lower Upper
107 100
108 87.0 65.5 105.5
77 34.7 14.6 54.6
79 28.3 9.4 49.4





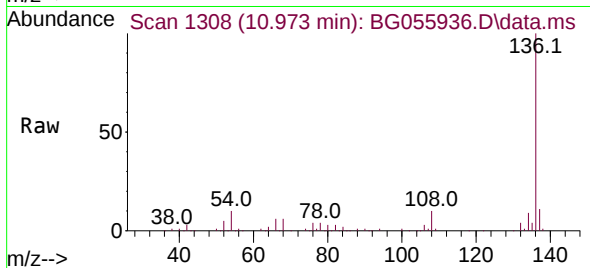
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MS

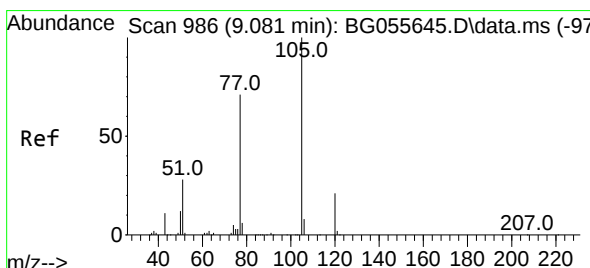
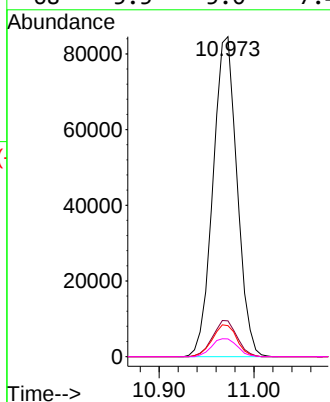
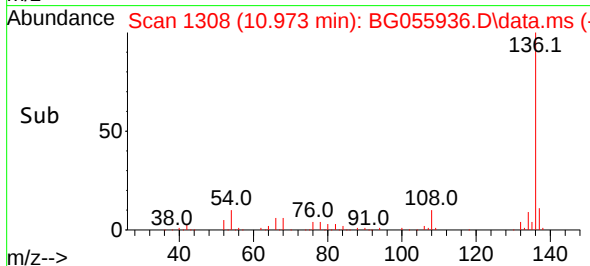


Tgt Ion:136 Resp: 148907
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.7 7.8 11.6
68 5.5 5.0 7.4

Manual Integrations

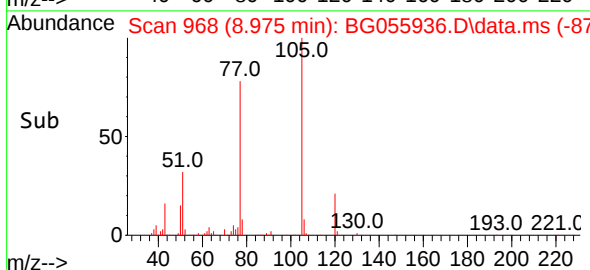
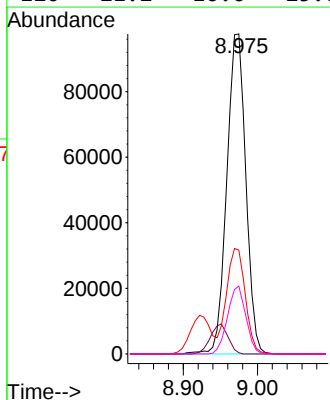
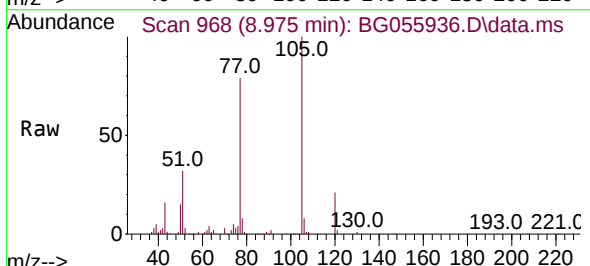
APPROVED

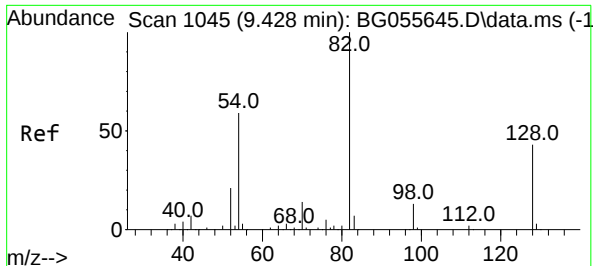
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#22
Acetophenone
Concen: 44.961 ng
RT: 8.975 min Scan# 968
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Tgt Ion:105 Resp: 173970
Ion Ratio Lower Upper
105 100
71 0.4 0.6 1.0#
51 32.4 24.5 36.7
120 21.2 16.6 25.0





#23

Nitrobenzene-d5

Concen: 85.144 ng

RT: 9.322 min Scan# 1032

Delta R.T. 0.000 min

Lab File: BG055936.D

Acq: 8 Dec 2022 20:49

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MS

Tgt Ion: 82 Resp: 239876

Ion Ratio Lower Upper

82 100

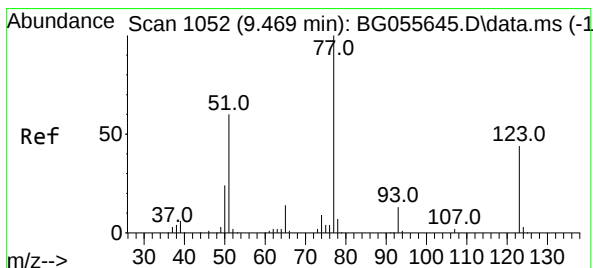
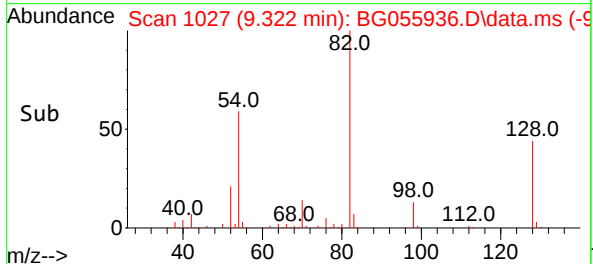
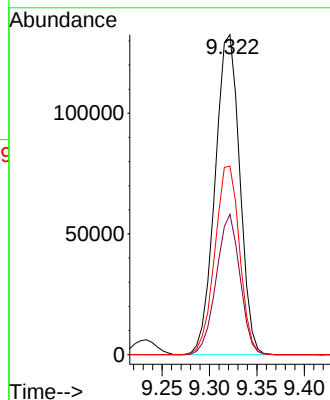
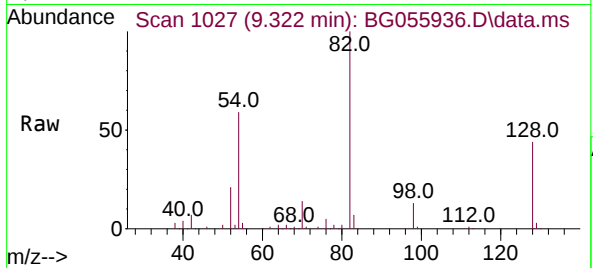
128 43.8 34.1 51.1

54 58.9 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#24

Nitrobenzene

Concen: 45.733 ng

RT: 9.363 min Scan# 1034

Delta R.T. 0.000 min

Lab File: BG055936.D

Acq: 8 Dec 2022 20:49

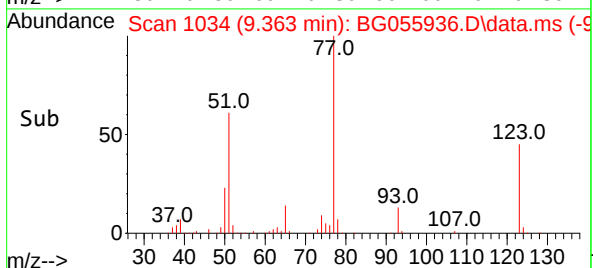
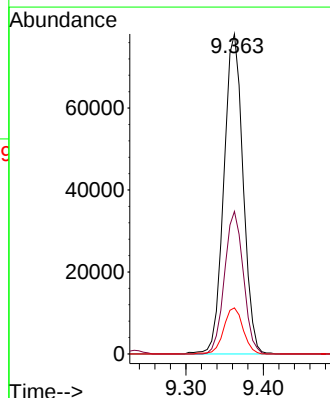
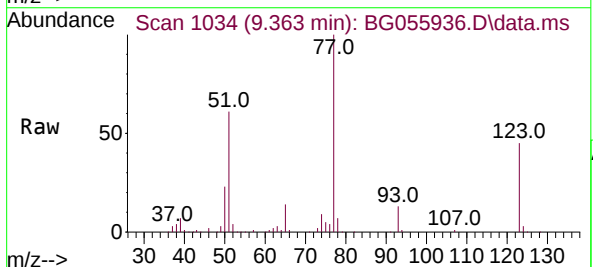
Tgt Ion: 77 Resp: 134579

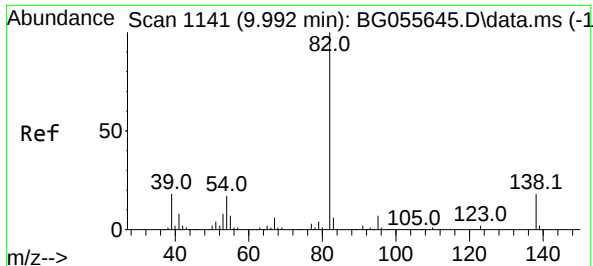
Ion Ratio Lower Upper

77 100

123 44.5 35.5 53.3

65 14.4 11.5 17.3





#25
Isophorone
Concen: 47.301 ng
RT: 9.886 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Instrument :

BNA_G

ClientSampleId :

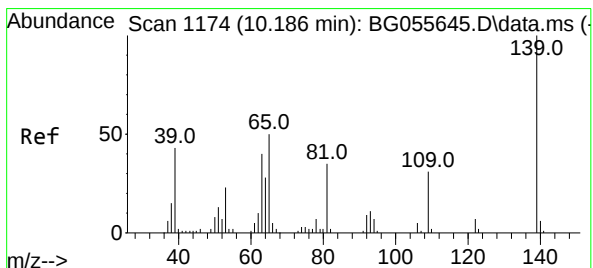
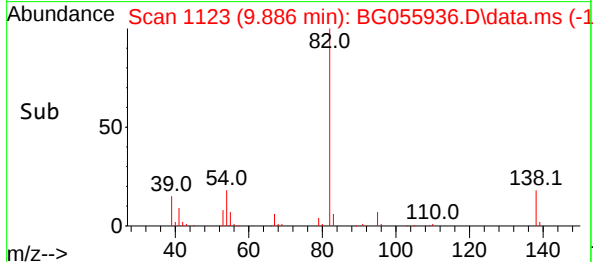
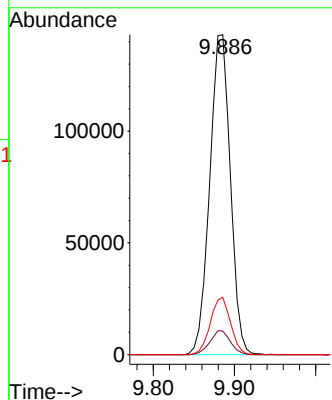
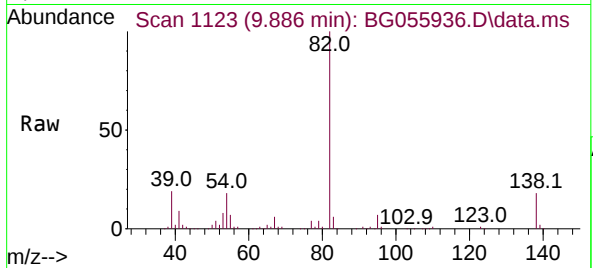
OK-01-120722MS

Tgt Ion: 82 Resp: 252493
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 17.9 14.2 21.4

Manual Integrations

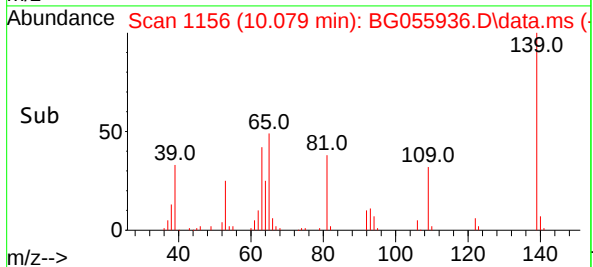
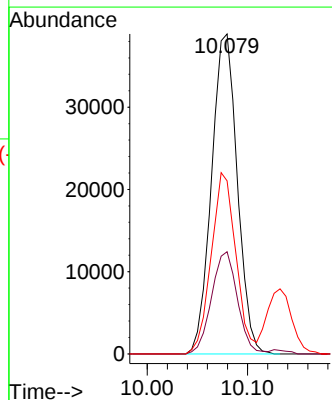
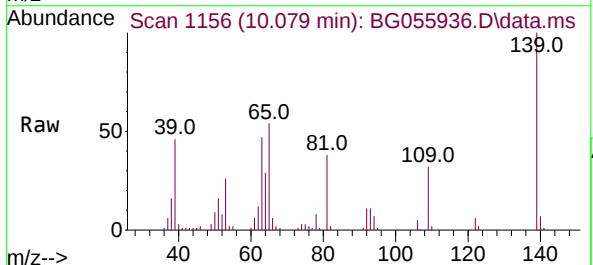
APPROVED

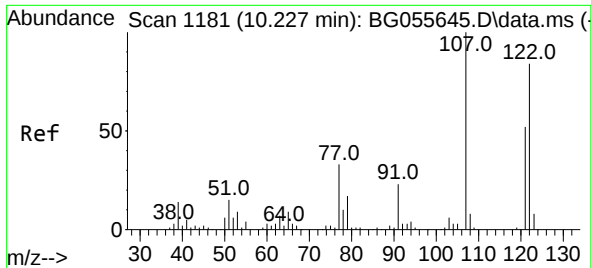
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#26
2-Nitrophenol
Concen: 51.181 ng
RT: 10.079 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Tgt Ion:139 Resp: 69528
Ion Ratio Lower Upper
139 100
109 31.9 24.4 36.6
65 54.1 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 57.993 ng m

RT: 10.132 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BG055936.D

Acq: 8 Dec 2022 20:49

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MS

Tgt Ion:122 Resp: 119901

Ion Ratio Lower Upper

122 100

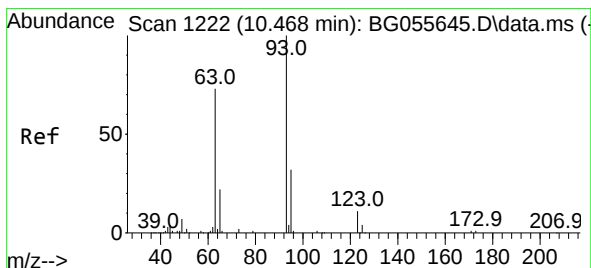
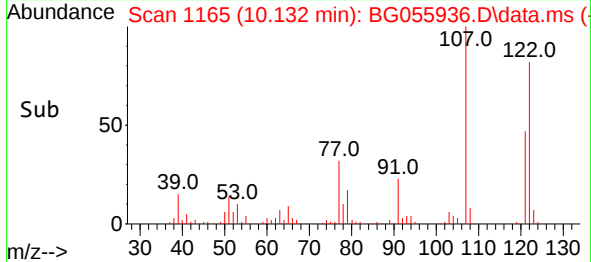
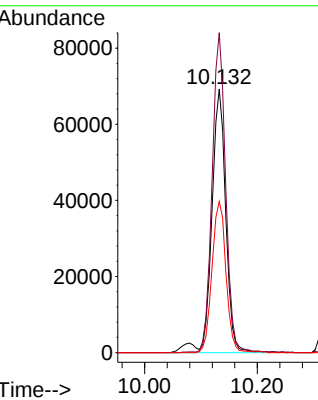
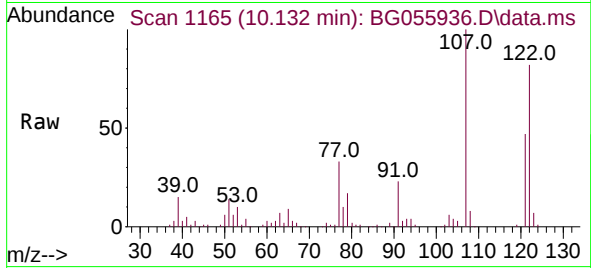
107 121.5 95.8 143.6

121 57.4 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#28

bis(2-Chloroethoxy)methane

Concen: 50.243 ng

RT: 10.356 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BG055936.D

Acq: 8 Dec 2022 20:49

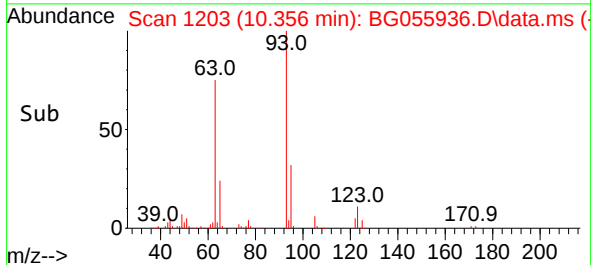
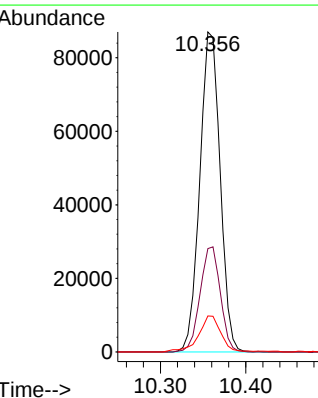
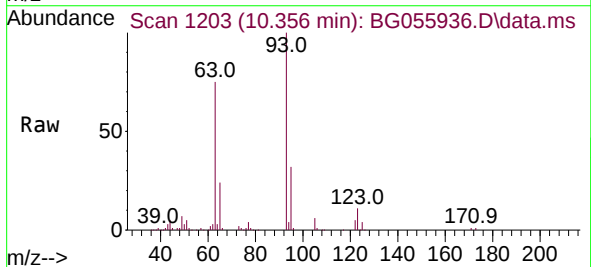
Tgt Ion: 93 Resp: 143982

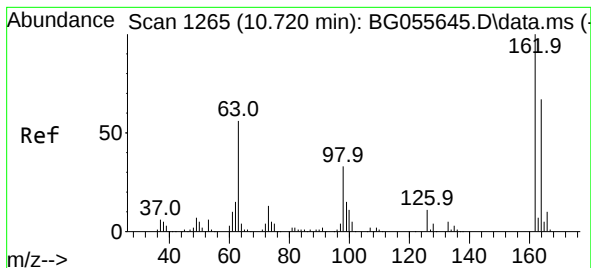
Ion Ratio Lower Upper

93 100

95 32.3 25.7 38.5

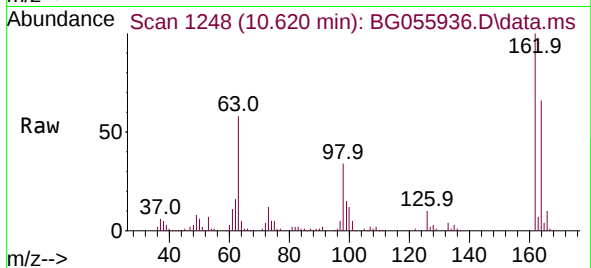
123 11.2 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 50.073 ng
RT: 10.620 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

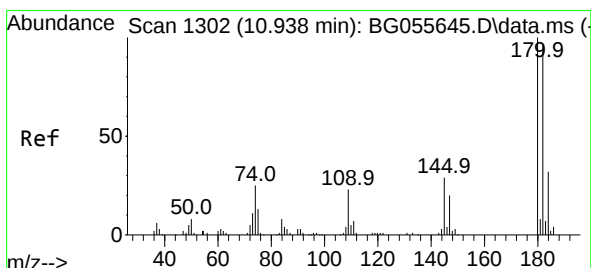
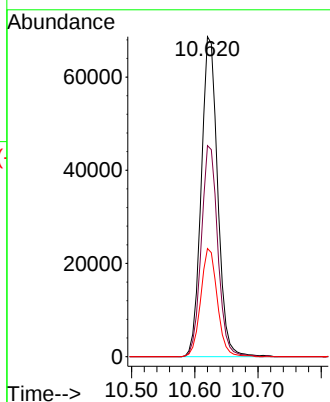
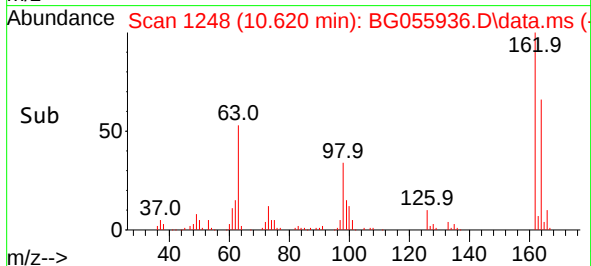
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS



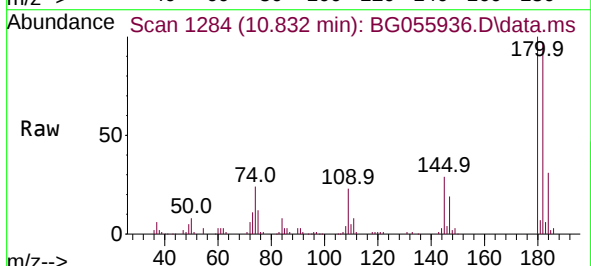
Tgt Ion:162 Resp: 123913
Ion Ratio Lower Upper
162 100
164 65.9 46.7 86.7
98 33.8 12.8 52.8

Manual Integrations
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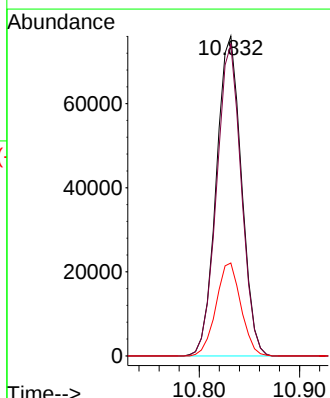
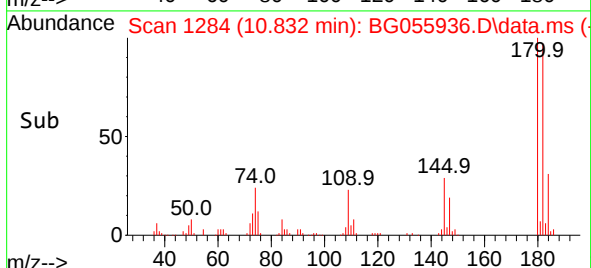
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

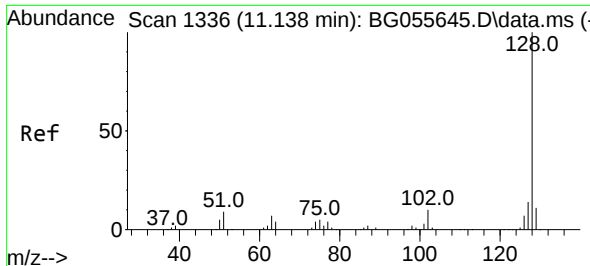


#30
1,2,4-Trichlorobenzene
Concen: 46.019 ng
RT: 10.832 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49



Tgt Ion:180 Resp: 132304
Ion Ratio Lower Upper
180 100
182 97.3 77.1 115.7
145 29.0 22.9 34.3





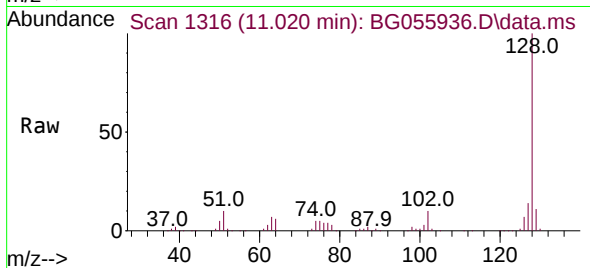
#31
Naphthalene
Concen: 45.995 ng
RT: 11.020 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MS

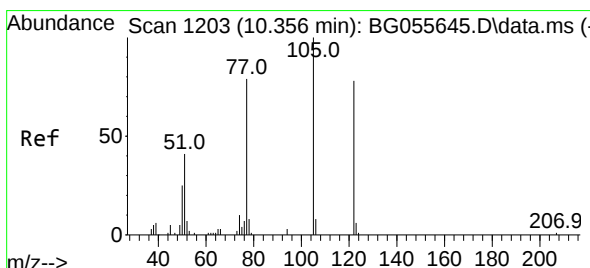
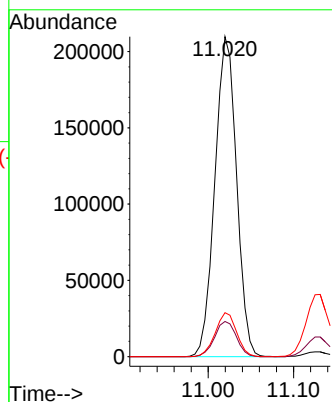
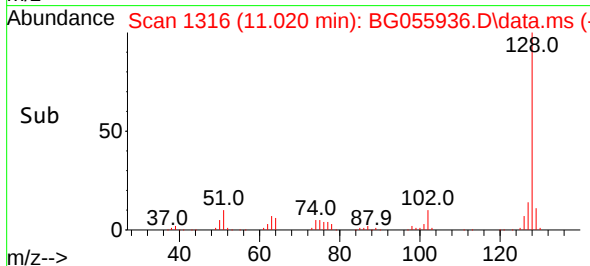


Tgt Ion:128 Resp: 370245
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.7 10.9 16.3

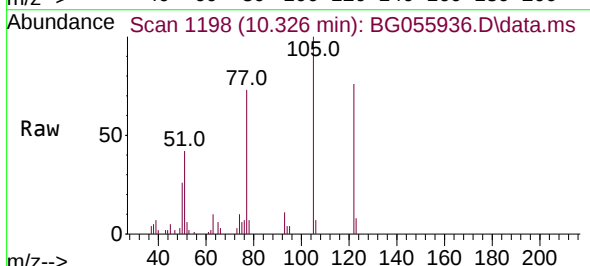
Manual Integrations

APPROVED

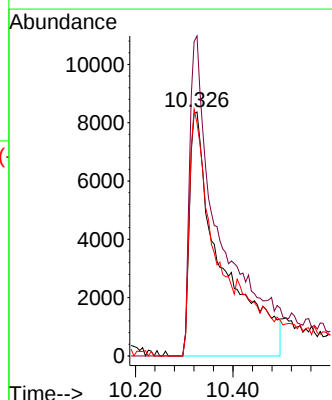
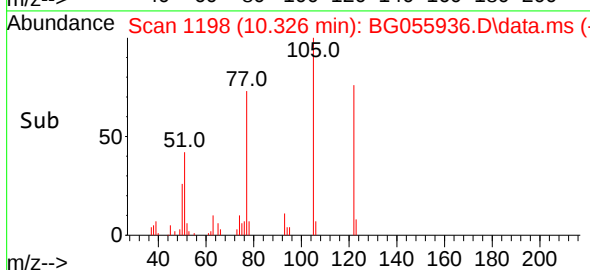
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

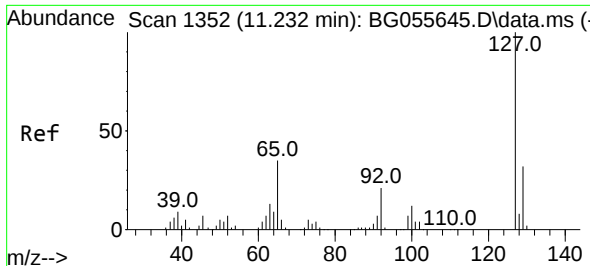


#32
Benzoic acid
Concen: 22.045 ng
RT: 10.326 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49



Tgt Ion:122 Resp: 37499
Ion Ratio Lower Upper
122 100
105 131.2 104.3 144.3
77 95.5 79.9 119.9





#33
4-Chloroaniline
Concen: 24.582 ng
RT: 11.131 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Instrument :

BNA_G

ClientSampleId :

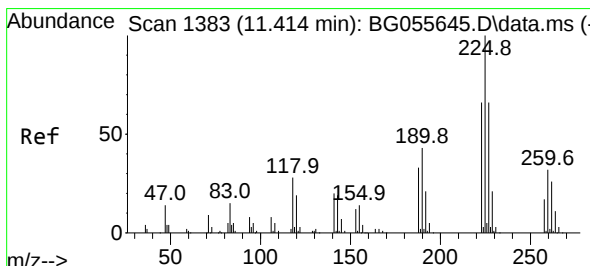
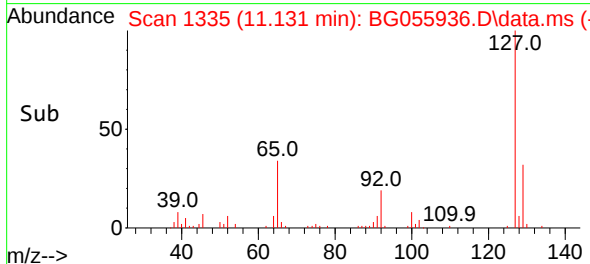
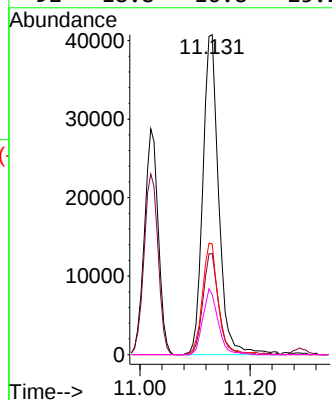
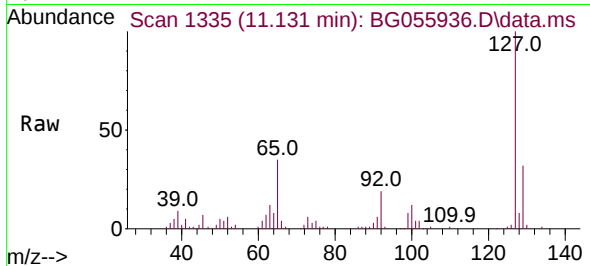
OK-01-120722MS

Tgt Ion:127 Resp: 81627
Ion Ratio Lower Upper
127 100
129 31.6 25.9 38.9
65 34.7 27.9 41.9
92 18.8 16.8 25.2

Manual Integrations

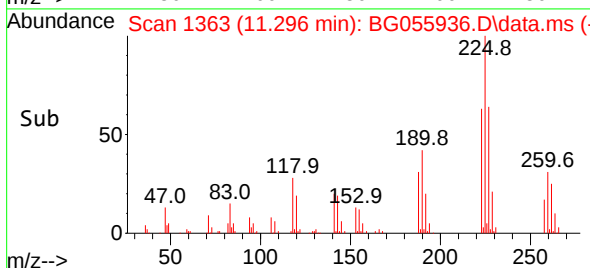
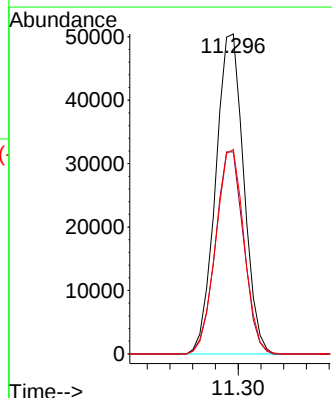
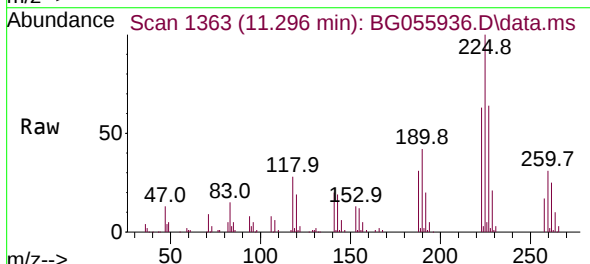
APPROVED

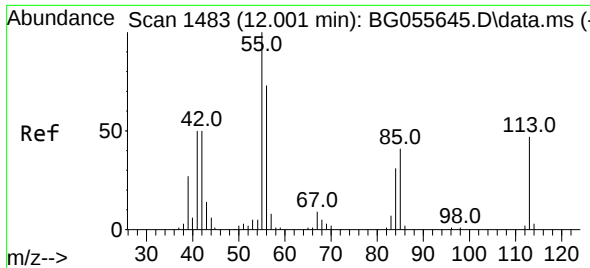
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#34
Hexachlorobutadiene
Concen: 44.041 ng
RT: 11.296 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Tgt Ion:225 Resp: 86458
Ion Ratio Lower Upper
225 100
223 63.1 52.9 79.3
227 66.2 52.6 79.0





#35
Caprolactam
Concen: 44.959 ng
RT: 11.919 min Scan# 1483
Delta R.T. 0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Instrument :

BNA_G

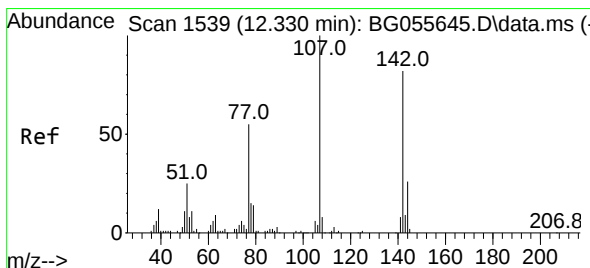
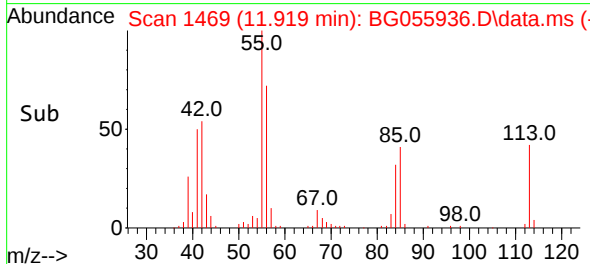
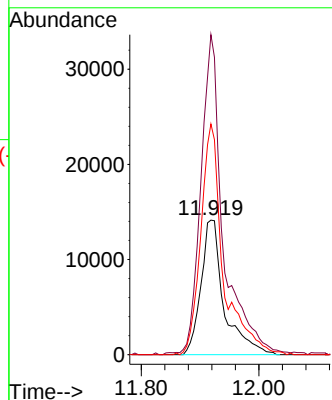
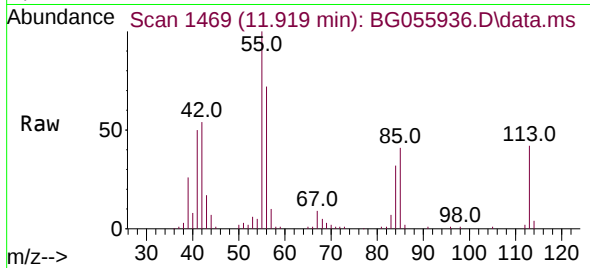
ClientSampleId :

OK-01-120722MS

Tgt Ion:113 Resp: 38501
Ion Ratio Lower Upper
113 100
55 237.9 193.5 233.5
56 171.4 135.2 175.2

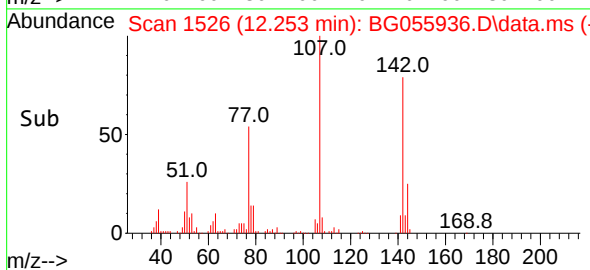
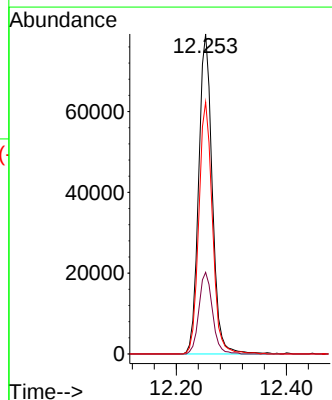
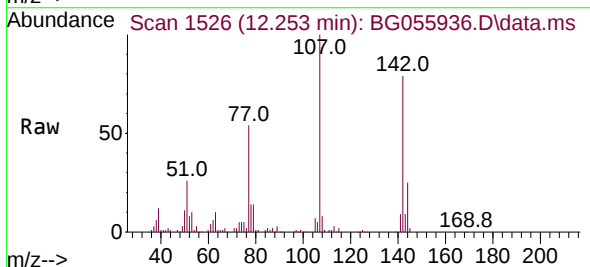
Manual Integrations
APPROVED

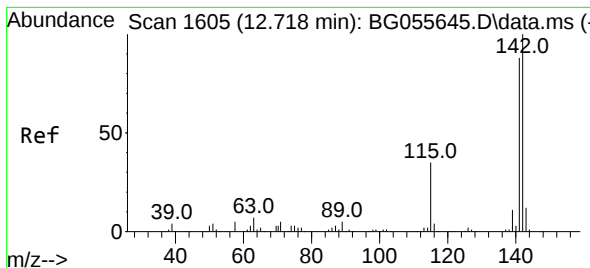
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#36
4-Chloro-3-methylphenol
Concen: 49.782 ng
RT: 12.253 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Tgt Ion:107 Resp: 135401
Ion Ratio Lower Upper
107 100
144 25.5 21.0 31.4
142 78.7 65.9 98.9





#37
2-Methylnaphthalene
Concen: 46.443 ng
RT: 12.618 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Instrument :

BNA_G

ClientSampleId :

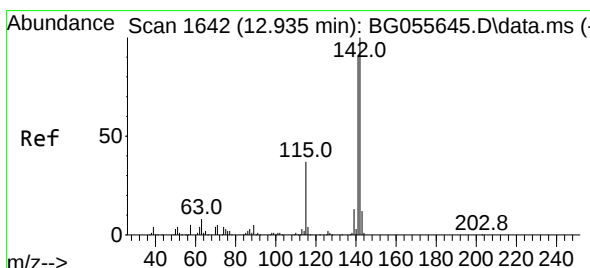
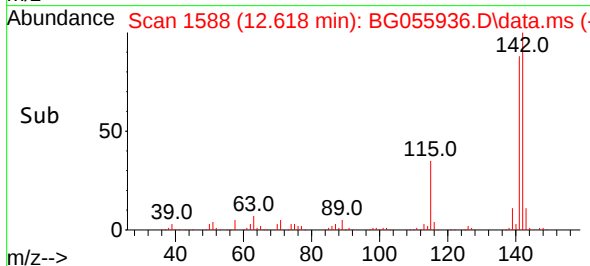
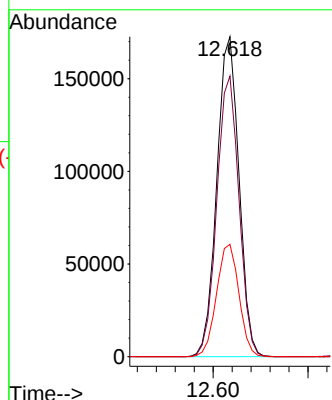
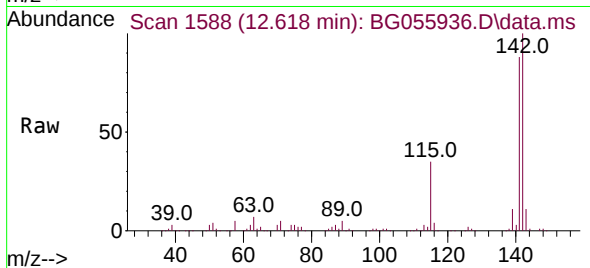
OK-01-120722MS

Tgt Ion:142 Resp: 279919
Ion Ratio Lower Upper
142 100
141 87.7 70.3 105.5
115 35.1 27.9 41.9

Manual Integrations

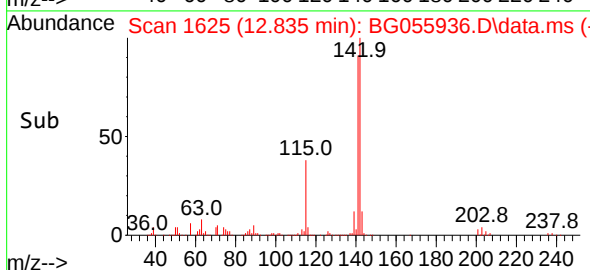
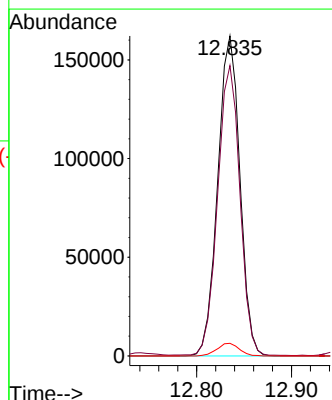
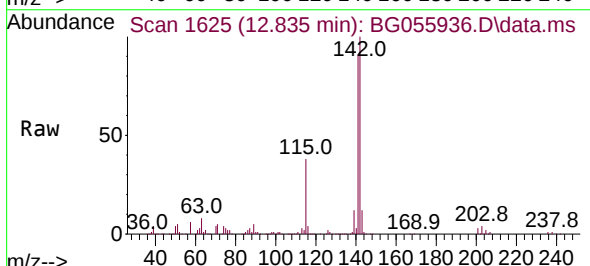
APPROVED

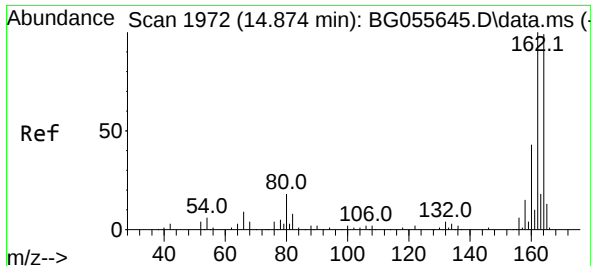
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#38
1-Methylnaphthalene
Concen: 44.936 ng
RT: 12.835 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Tgt Ion:142 Resp: 262924
Ion Ratio Lower Upper
142 100
141 90.7 73.0 109.4
116 3.9 3.1 4.7





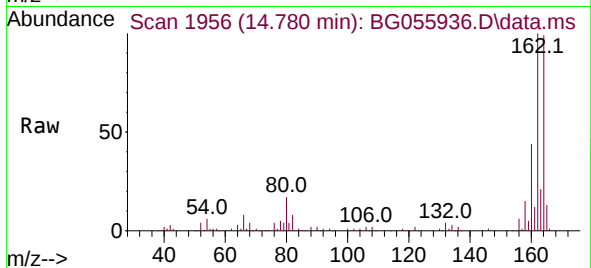
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MS

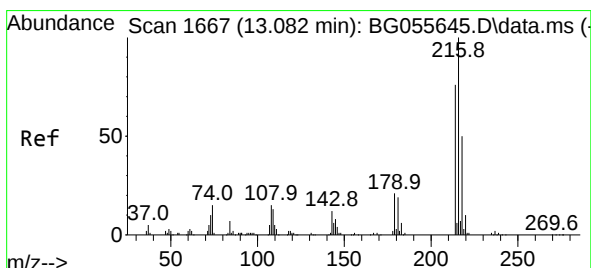
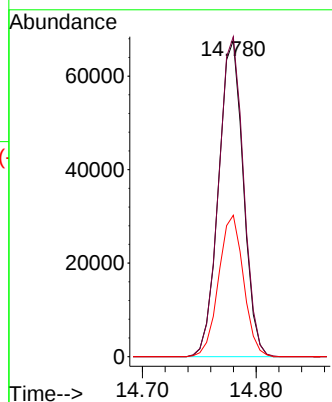
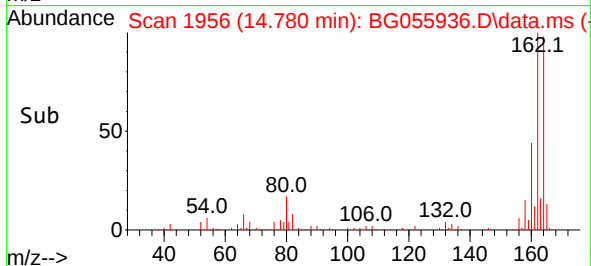


Tgt Ion:164 Resp: 101940
Ion Ratio Lower Upper
164 100
162 101.2 81.1 121.7
160 44.7 34.8 52.2

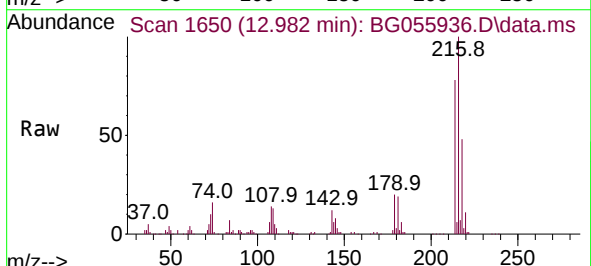
Manual Integrations

APPROVED

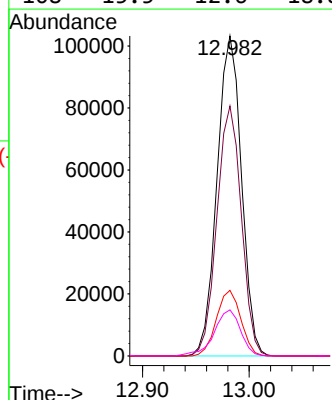
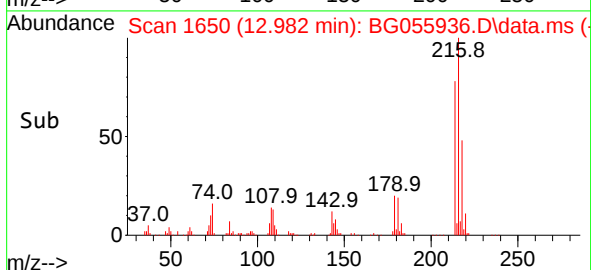
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.357 ng
RT: 12.982 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49



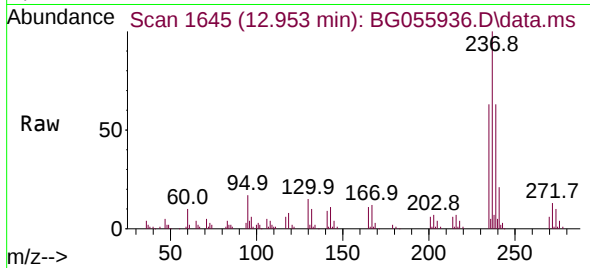
Tgt Ion:216 Resp: 164522
Ion Ratio Lower Upper
216 100
214 77.9 62.1 93.1
179 20.4 16.5 24.7
108 15.5 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 31.035 ng
RT: 12.953 min Scan# 10
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

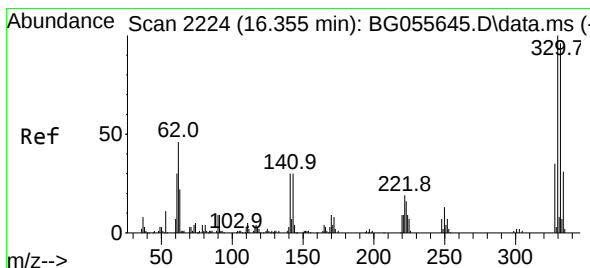
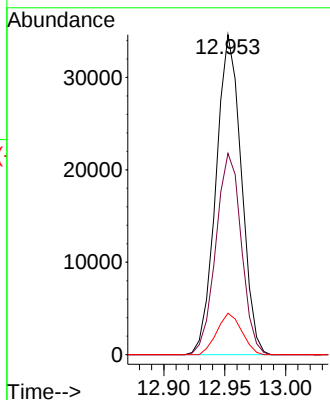
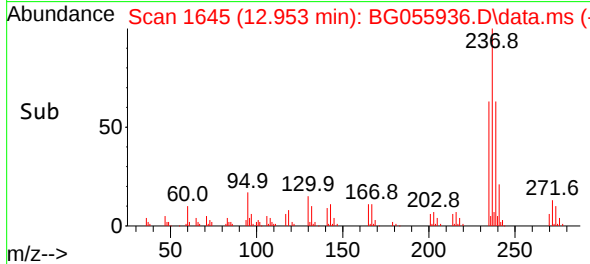
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS



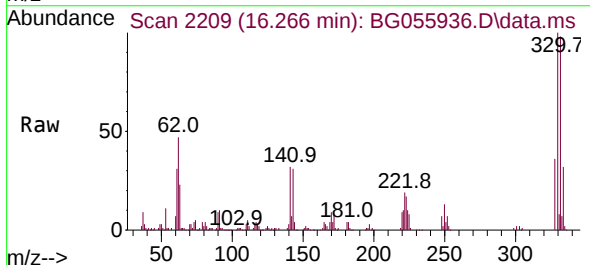
Tgt Ion:237 Resp: 50109
Ion Ratio Lower Upper
237 100
235 62.9 43.7 83.7
272 13.0 0.0 33.6

Manual Integrations
APPROVED

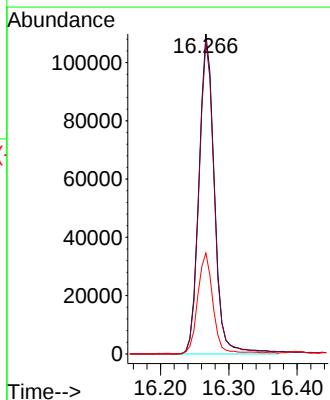
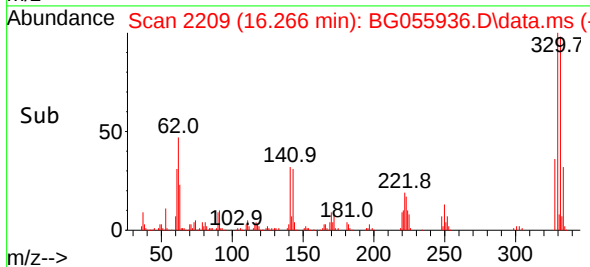
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

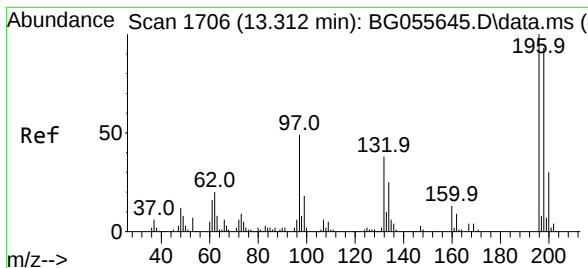


#42
2,4,6-Tribromophenol
Concen: 120.662 ng
RT: 16.266 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49



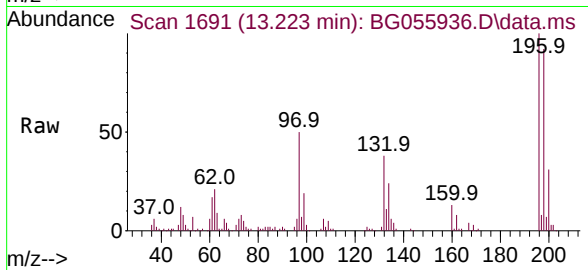
Tgt Ion:330 Resp: 173204
Ion Ratio Lower Upper
330 100
332 98.7 77.8 116.8
141 31.3 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 45.946 ng
RT: 13.223 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

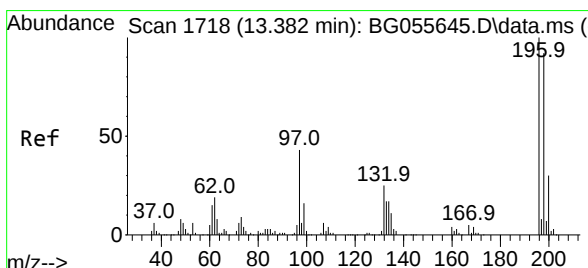
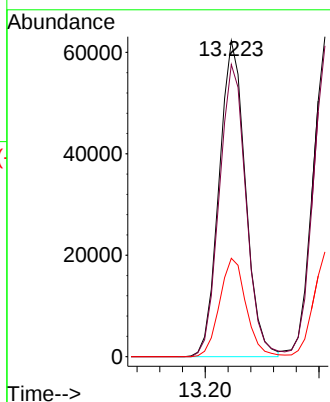
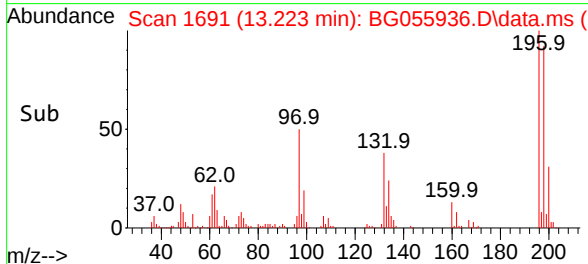
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS



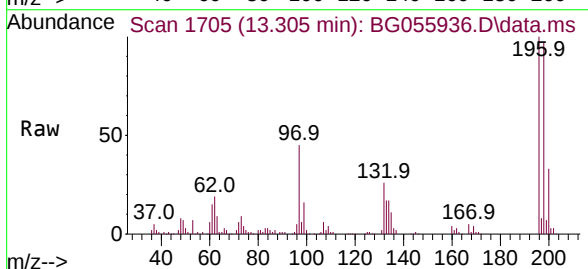
Tgt Ion:196 Resp: 100403
Ion Ratio Lower Upper
196 100
198 92.4 74.6 112.0
200 31.1 23.7 35.5

Manual Integrations
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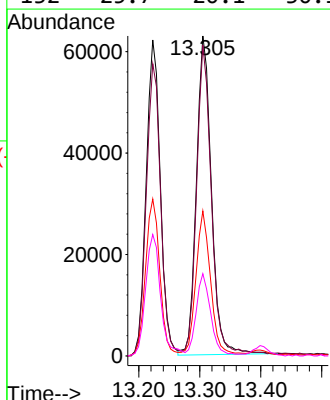
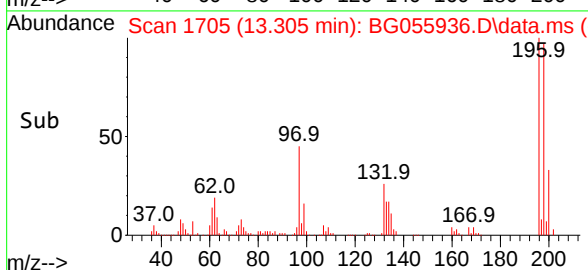
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

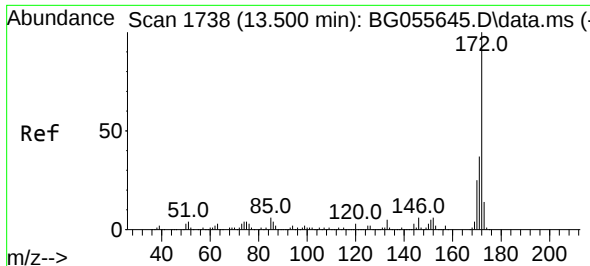


#44
2,4,5-Trichlorophenol
Concen: 44.851 ng
RT: 13.305 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49



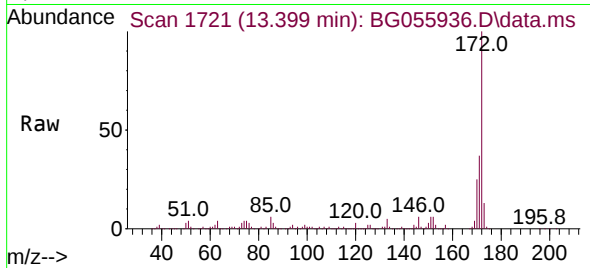
Tgt Ion:196 Resp: 107707
Ion Ratio Lower Upper
196 100
198 97.1 74.1 111.1
97 45.3 34.8 52.2
132 25.7 20.1 30.1





#45
2-Fluorobiphenyl
Concen: 86.035 ng
RT: 13.399 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

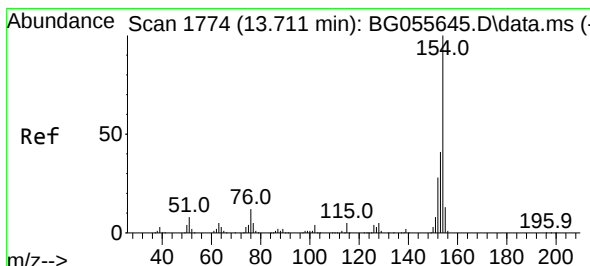
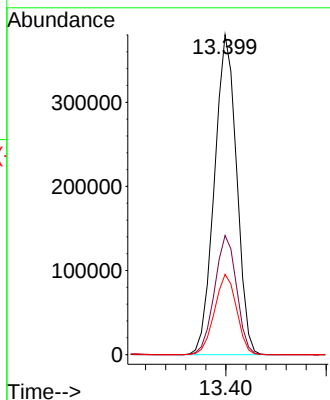
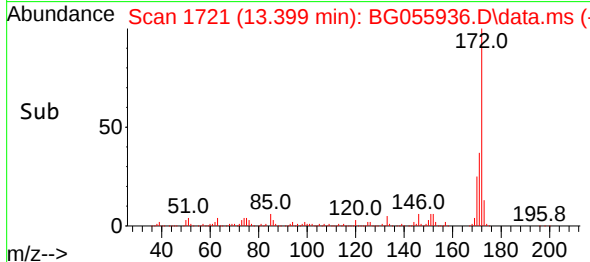
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS



Tgt Ion:172 Resp: 585422
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 25.1 20.2 30.4

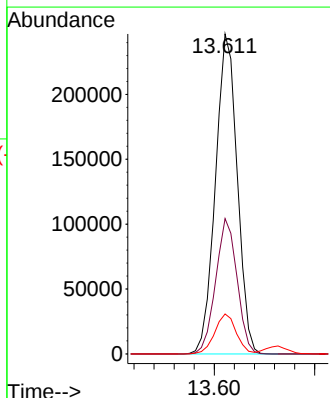
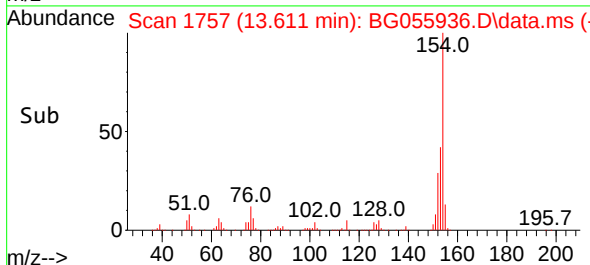
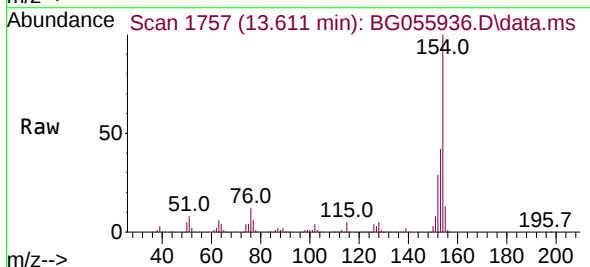
Manual Integrations
APPROVED

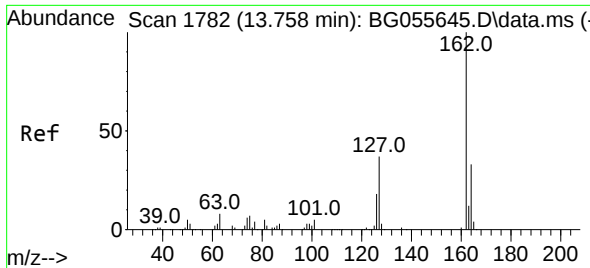
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#46
1,1'-Biphenyl
Concen: 50.096 ng
RT: 13.611 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

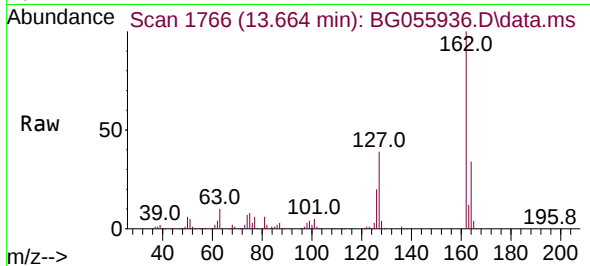
Tgt Ion:154 Resp: 372136
Ion Ratio Lower Upper
154 100
153 42.3 20.6 60.6
76 12.5 0.0 32.4





#47
2-Chloronaphthalene
Concen: 48.891 ng
RT: 13.664 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

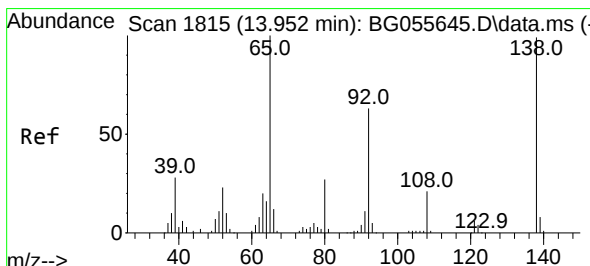
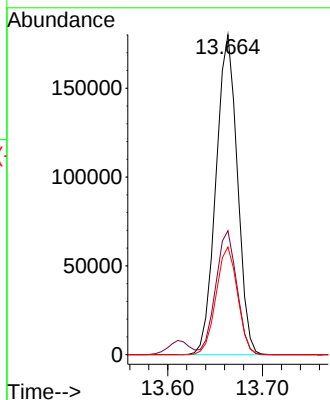
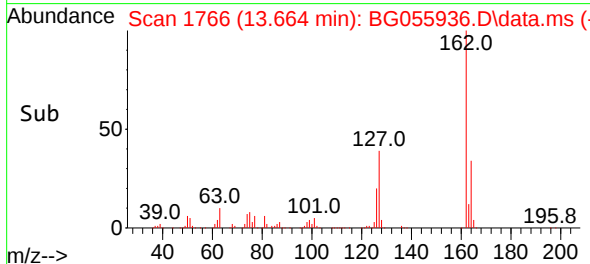
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS



Tgt Ion:162 Resp: 282293
Ion Ratio Lower Upper
162 100
127 38.7 29.9 44.9
164 33.6 26.4 39.6

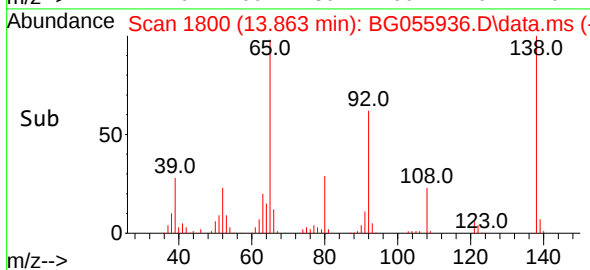
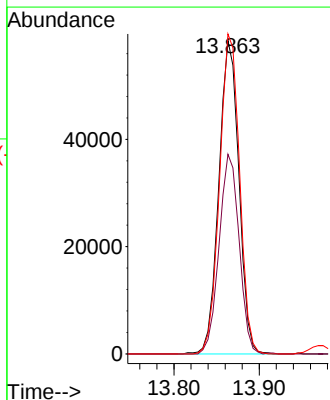
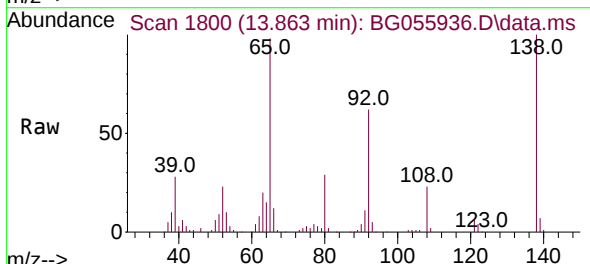
Manual Integrations
APPROVED

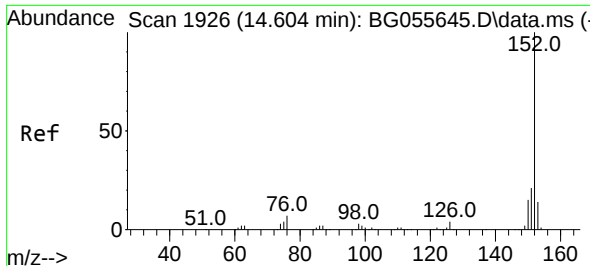
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#48
2-Nitroaniline
Concen: 50.045 ng
RT: 13.863 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

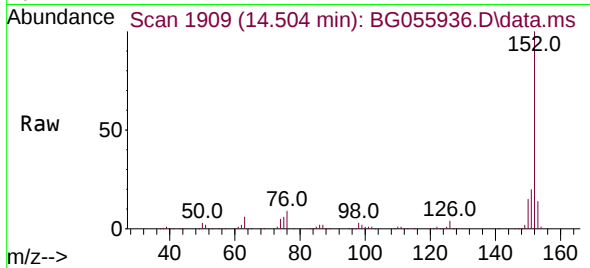
Tgt Ion: 65 Resp: 95002
Ion Ratio Lower Upper
65 100
92 63.7 50.1 75.1
138 102.2 79.4 119.0





#49
Acenaphthylene
Concen: 48.347 ng
RT: 14.504 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

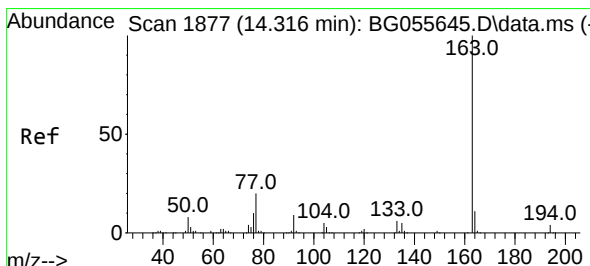
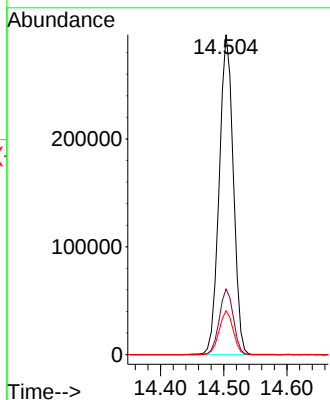
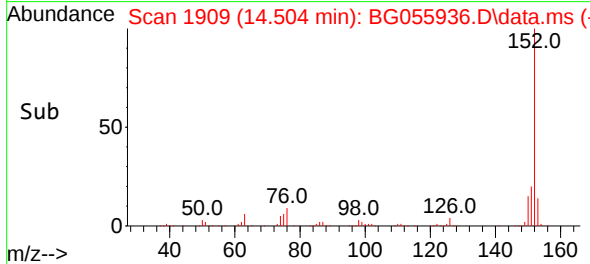
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS



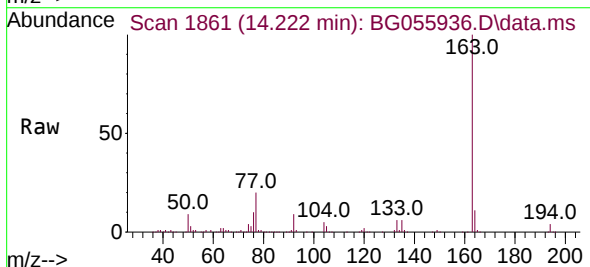
Tgt Ion:152 Resp: 459684
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.7 11.0 16.4

Manual Integrations
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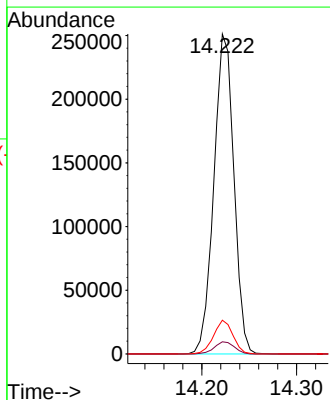
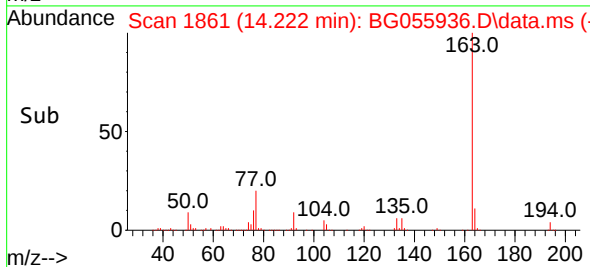
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

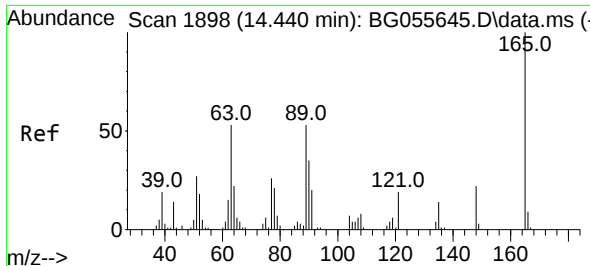


#50
Dimethylphthalate
Concen: 45.267 ng
RT: 14.222 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49



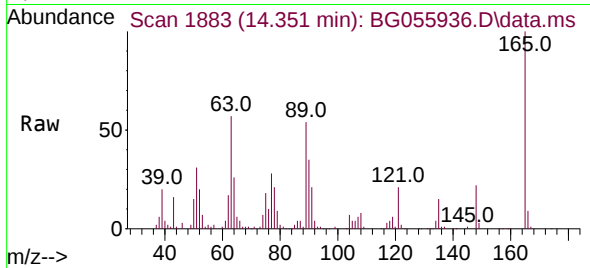
Tgt Ion:163 Resp: 367854
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.5 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 48.685 ng
RT: 14.351 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

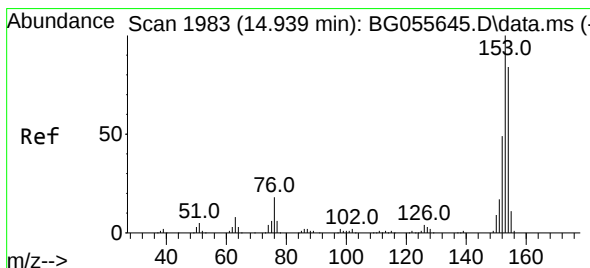
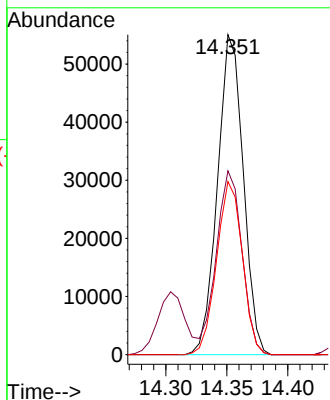
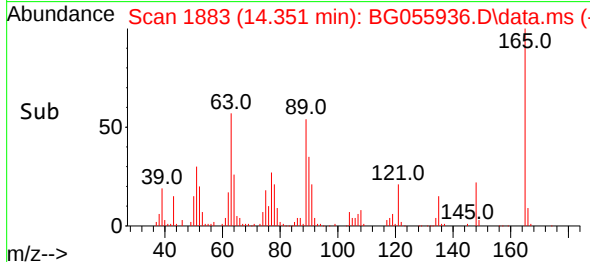
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS



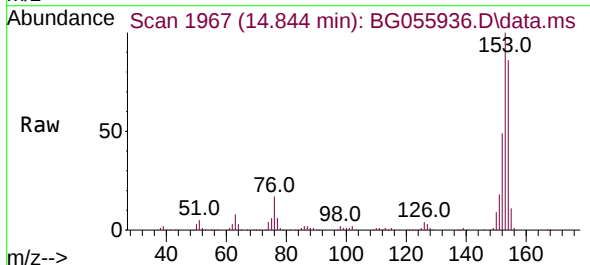
Tgt Ion:165 Resp: 80893
Ion Ratio Lower Upper
165 100
63 57.4 44.6 66.8
89 54.1 42.2 63.4

Manual Integrations
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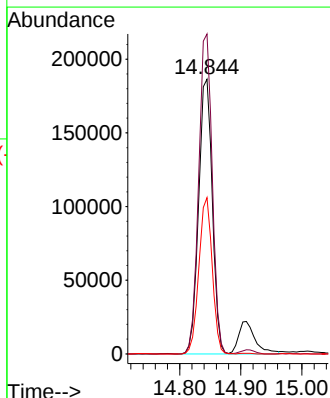
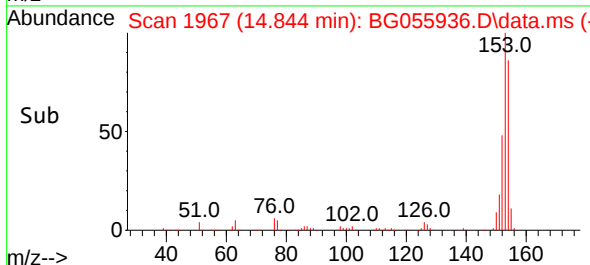
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

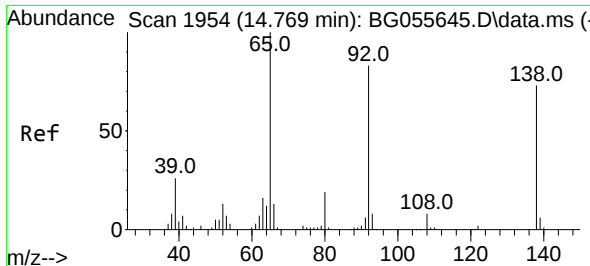


#52
Acenaphthene
Concen: 53.258 ng m
RT: 14.844 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49



Tgt Ion:154 Resp: 330952
Ion Ratio Lower Upper
154 100
153 116.5 95.0 142.4
152 56.9 46.1 69.1





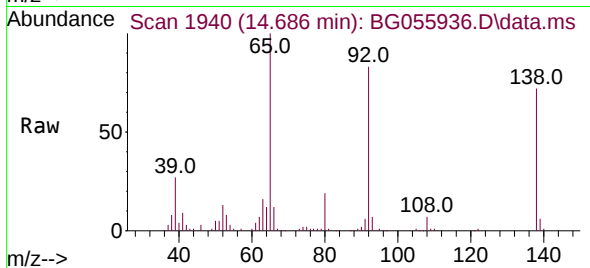
#53
3-Nitroaniline
Concen: 32.703 ng
RT: 14.686 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Instrument :

BNA_G

ClientSampleId :

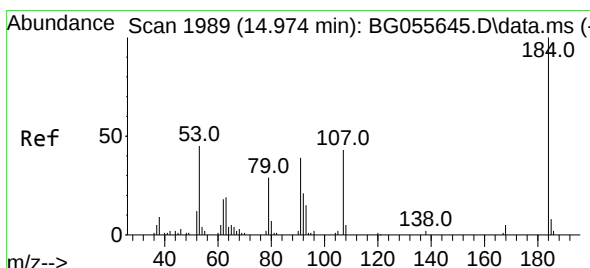
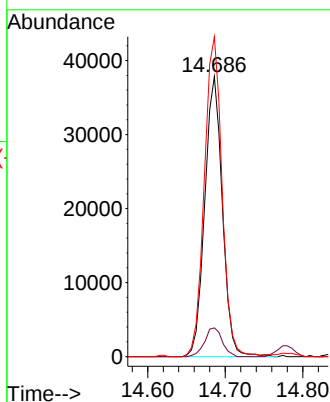
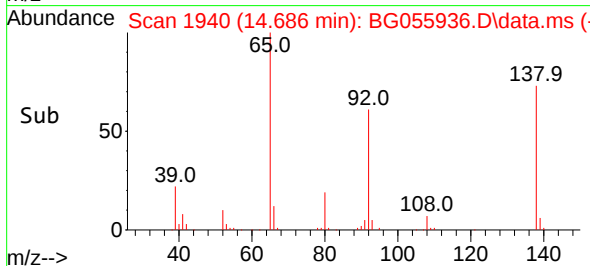
OK-01-120722MS



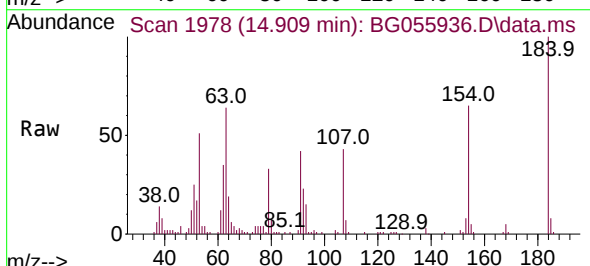
Tgt Ion:138 Resp: 5965
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 114.2 91.0 136.6

Manual Integrations
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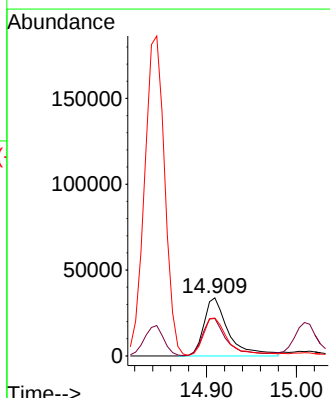
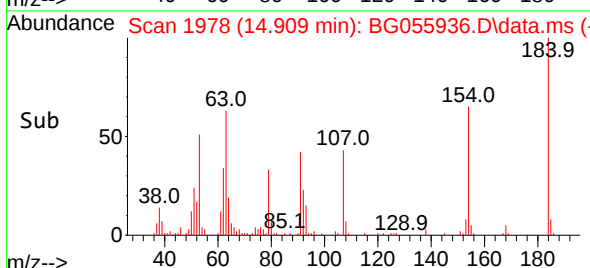
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#54
2,4-Dinitrophenol
Concen: 67.119 ng
RT: 14.909 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49



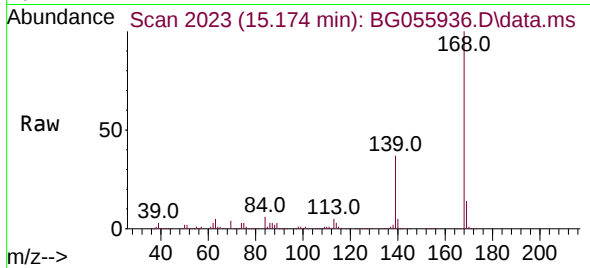
Tgt Ion:184 Resp: 64121
Ion Ratio Lower Upper
184 100
63 64.3 49.5 74.3
154 65.1 52.0 78.0





#55
Dibenzenofuran
Concen: 48.350 ng
RT: 15.174 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

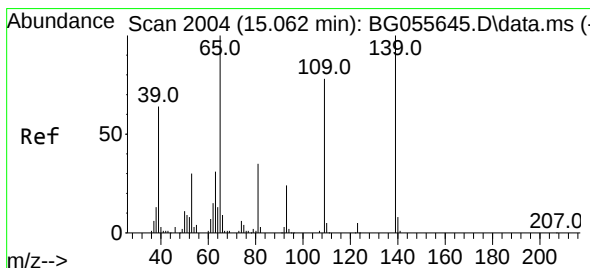
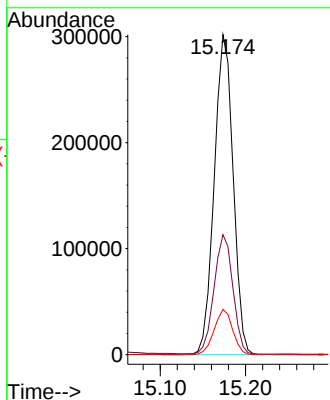
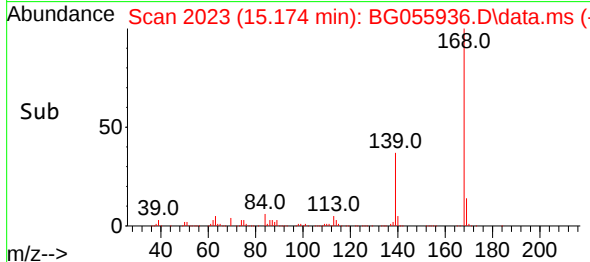
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS



Tgt Ion:168 Resp: 463506
Ion Ratio Lower Upper
168 100
139 37.5 28.8 43.2
169 14.1 11.0 16.4

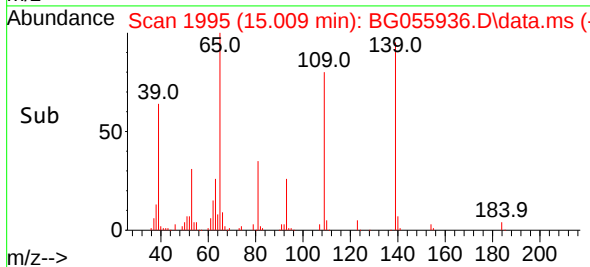
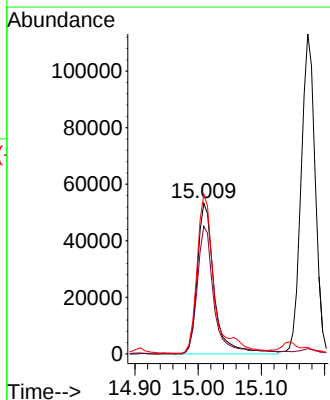
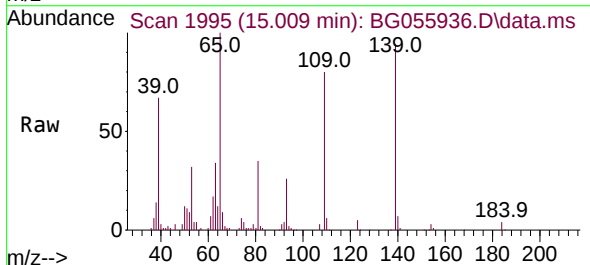
Manual Integrations
APPROVED

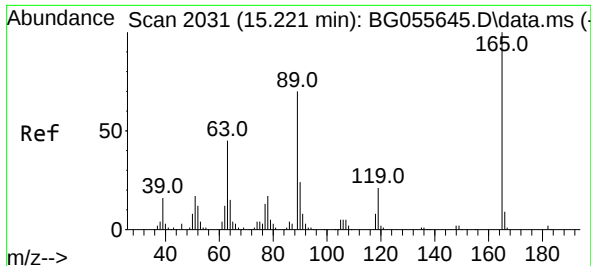
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#56
4-Nitrophenol
Concen: 69.399 ng
RT: 15.009 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Tgt Ion:139 Resp: 99349
Ion Ratio Lower Upper
139 100
109 84.7 58.6 98.6
65 106.0 80.5 120.5





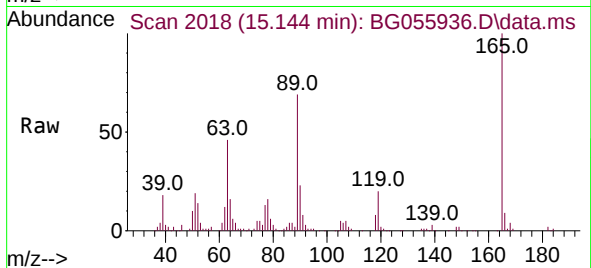
#57
2,4-Dinitrotoluene
Concen: 47.687 ng
RT: 15.144 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MS

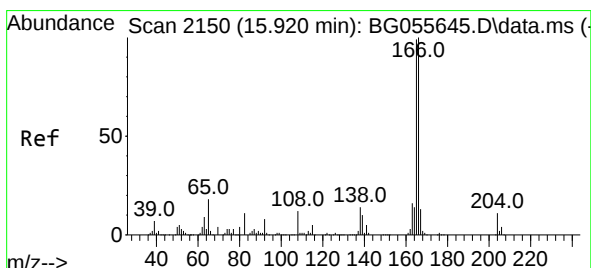
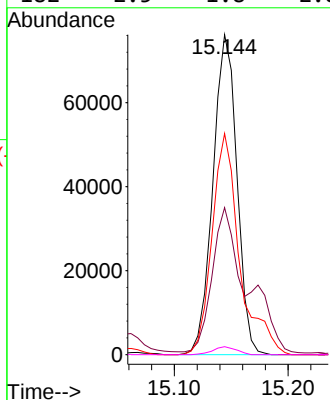
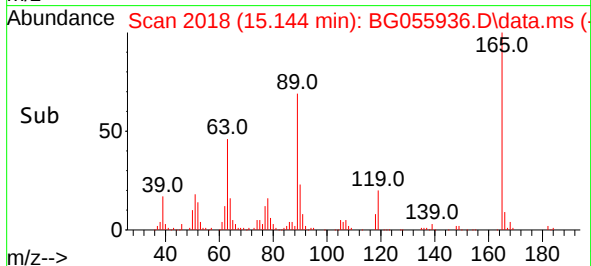


Tgt Ion:165 Resp: 111713
Ion Ratio Lower Upper
165 100
63 45.9 35.8 53.8
89 69.1 56.2 84.4
182 2.5 1.8 2.8

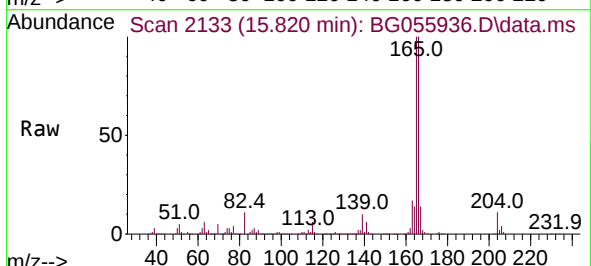
Manual Integrations

APPROVED

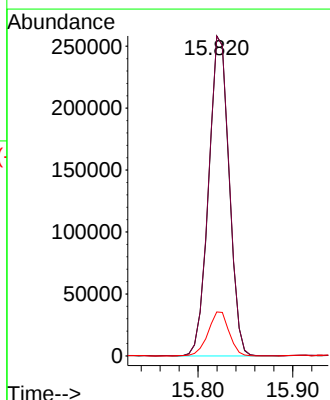
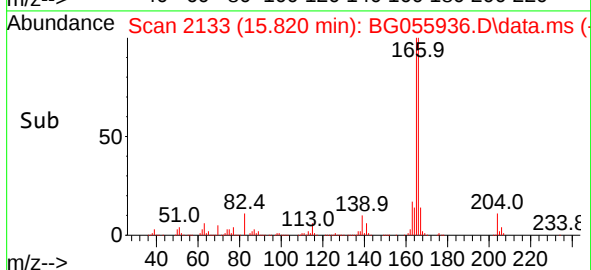
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

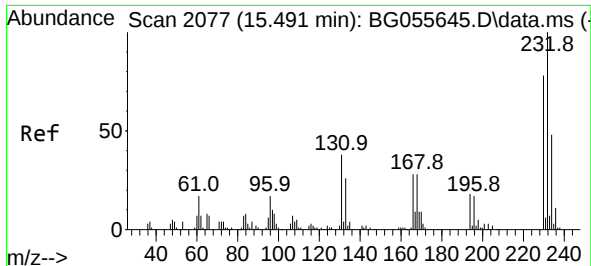


#58
Fluorene
Concen: 50.587 ng
RT: 15.820 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49



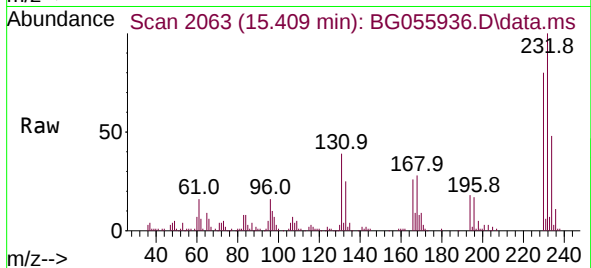
Tgt Ion:166 Resp: 387323
Ion Ratio Lower Upper
166 100
165 100.0 79.3 118.9
167 13.7 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.411 ng m
RT: 15.409 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

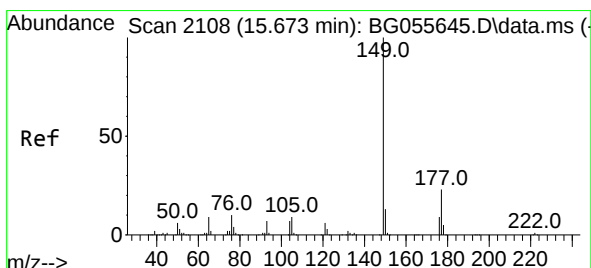
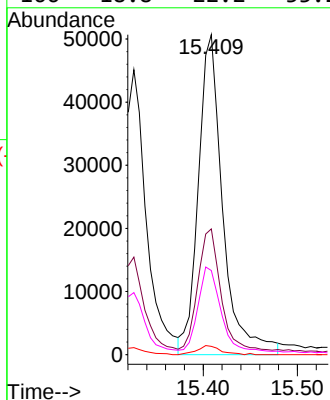
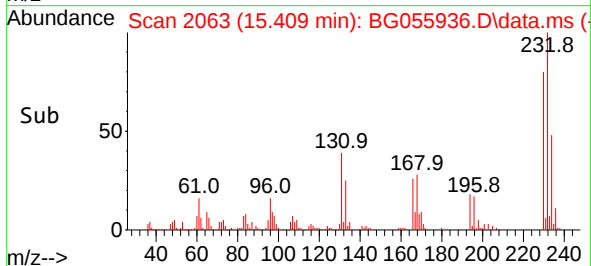
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS



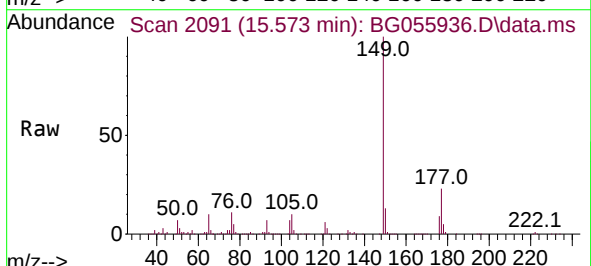
Tgt Ion:232 Resp: 91704
Ion Ratio Lower Upper
232 100
131 29.0 29.8 44.8
130 2.0 1.7 2.5
166 18.8 22.2 33.2#

Manual Integrations
APPROVED

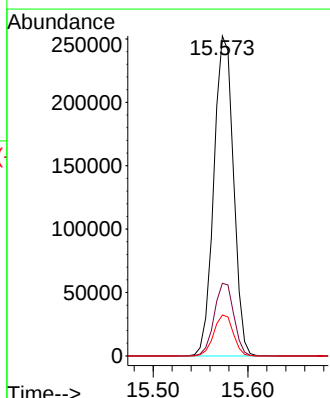
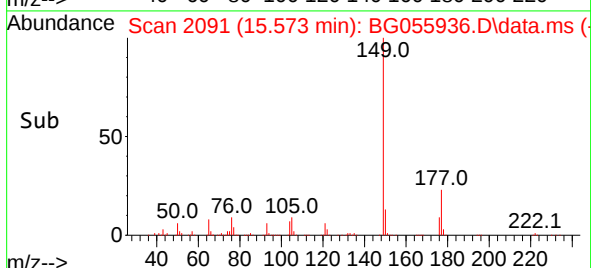
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

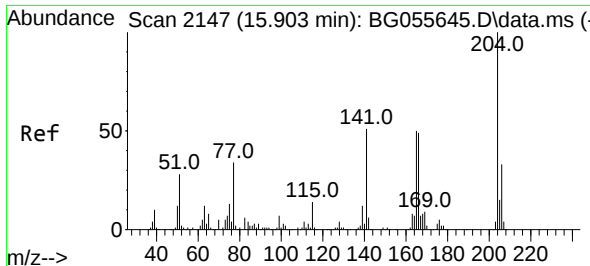


#60
Diethylphthalate
Concen: 44.097 ng
RT: 15.573 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49



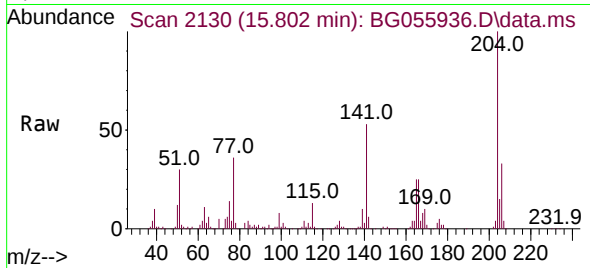
Tgt Ion:149 Resp: 362299
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.149 ng
RT: 15.802 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

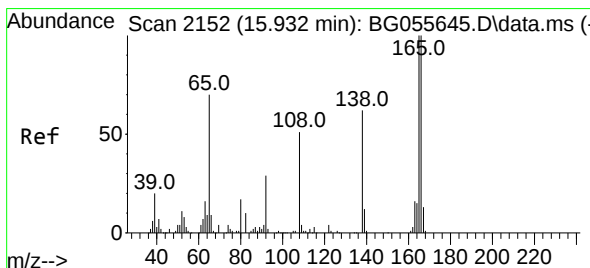
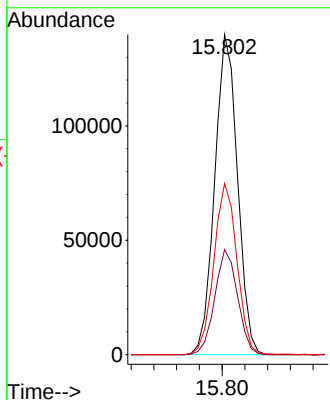
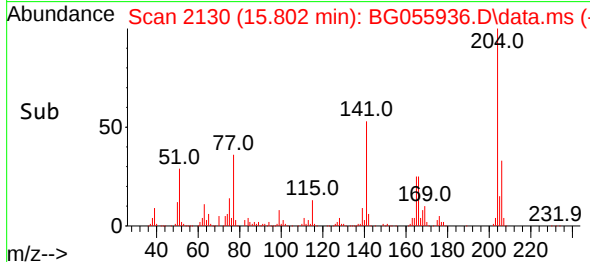
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS



Tgt Ion:204 Resp: 194231
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 53.5 40.6 61.0

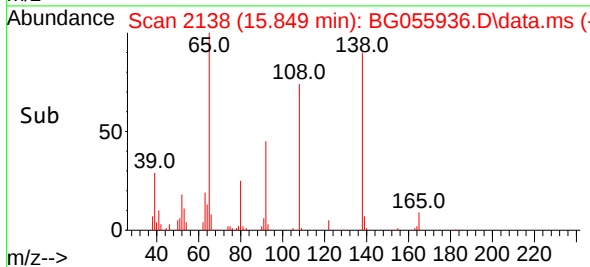
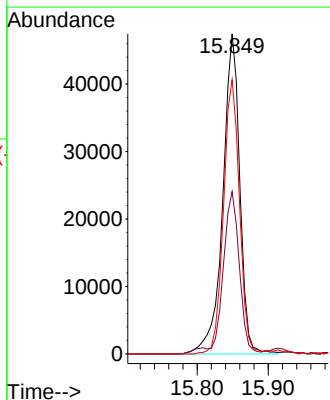
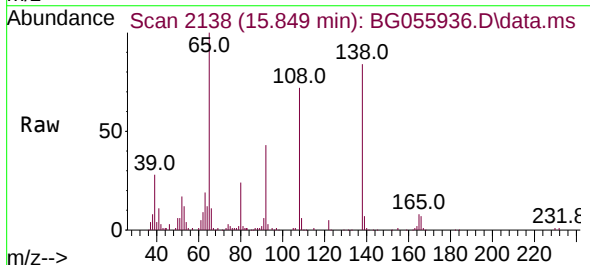
Manual Integrations
APPROVED

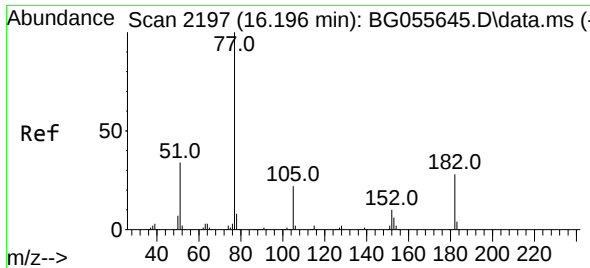
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#62
4-Nitroaniline
Concen: 41.436 ng
RT: 15.849 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

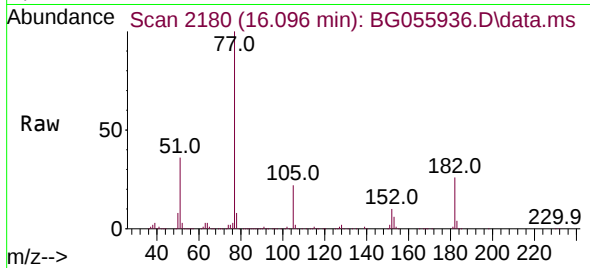
Tgt Ion:138 Resp: 79006
Ion Ratio Lower Upper
138 100
92 50.7 27.3 67.3
108 85.7 62.8 102.8





#63
Azobenzene
Concen: 45.863 ng
RT: 16.096 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

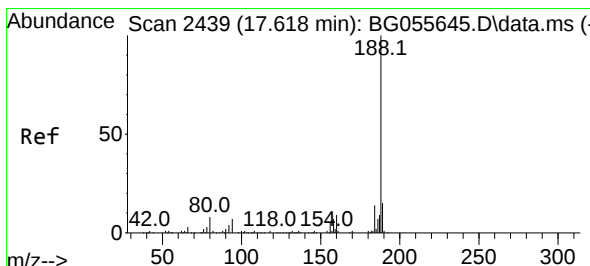
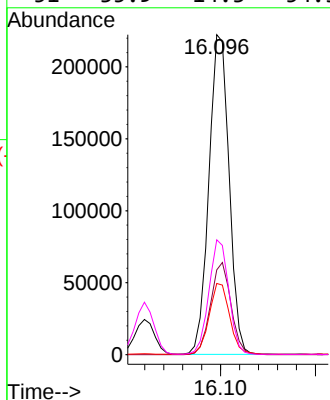
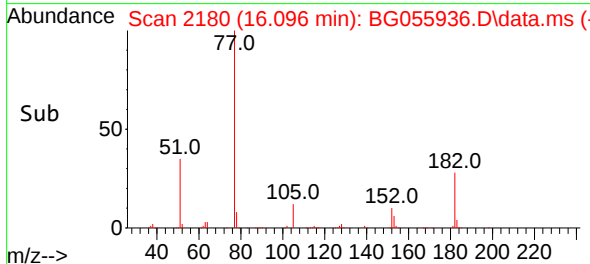
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS



Tgt Ion: 77 Resp: 328964
Ion Ratio Lower Upper
77 100
182 26.5 8.1 48.1
105 22.2 1.8 41.8
51 35.9 14.3 54.3

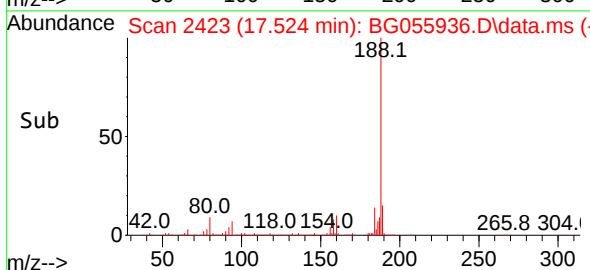
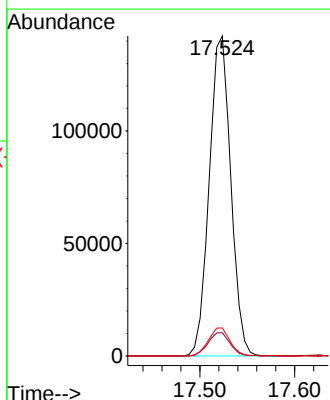
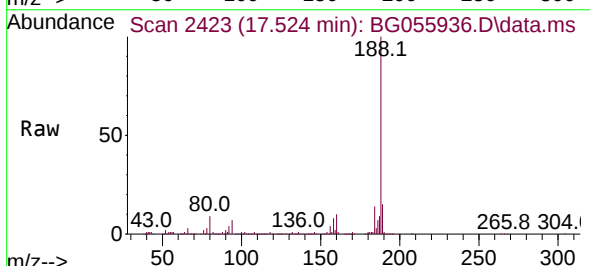
Manual Integrations
APPROVED

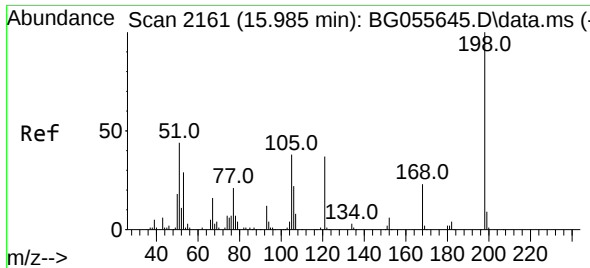
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.524 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Tgt Ion:188 Resp: 224785
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.2
80 8.7 6.6 10.0





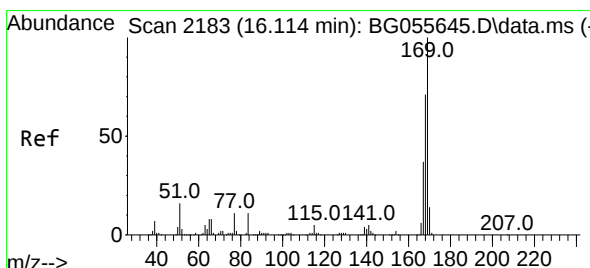
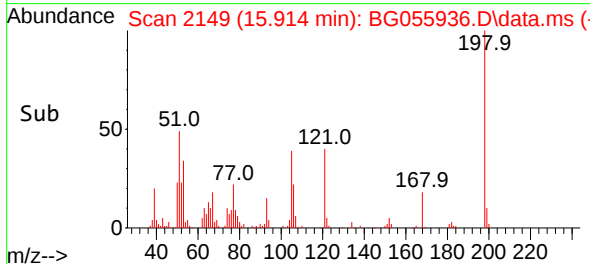
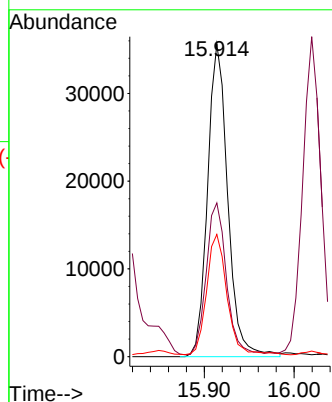
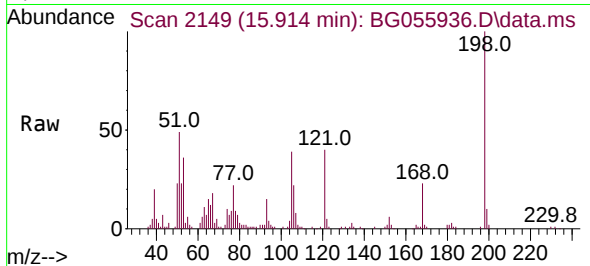
#65
4,6-Dinitro-2-methylphenol
Concen: 44.347 ng
RT: 15.914 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS

Tgt Ion:198 Resp: 55663
Ion Ratio Lower Upper
198 100
51 49.2 27.7 67.7
105 39.1 19.3 59.3

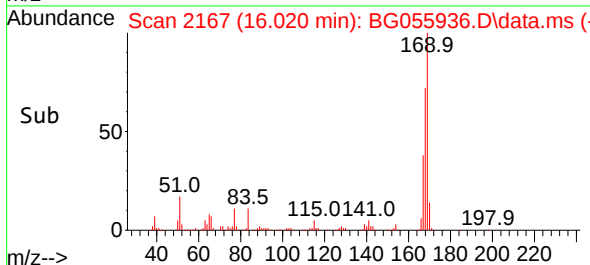
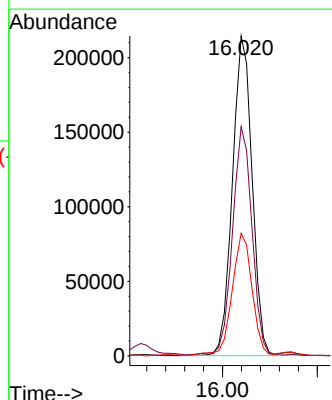
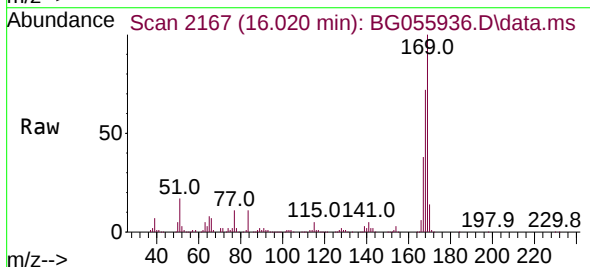
Manual Integrations
APPROVED

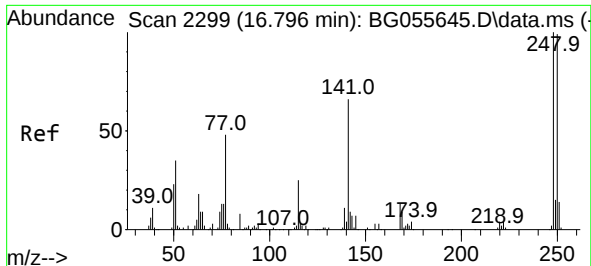
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#66
n-Nitrosodiphenylamine
Concen: 49.869 ng
RT: 16.020 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

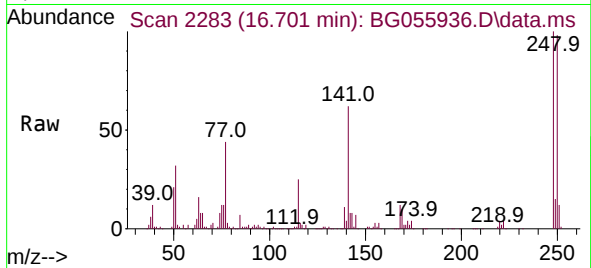
Tgt Ion:169 Resp: 308931
Ion Ratio Lower Upper
169 100
168 71.6 56.6 85.0
167 38.3 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 48.849 ng
RT: 16.701 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

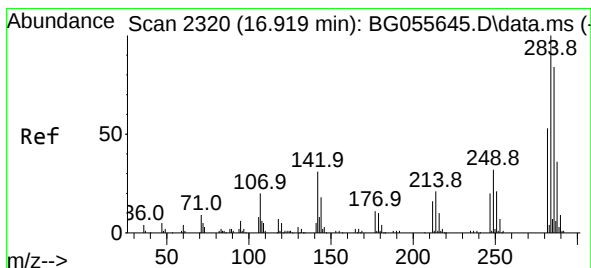
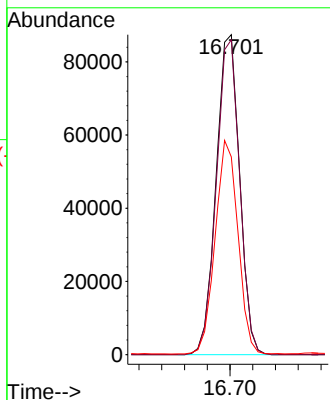
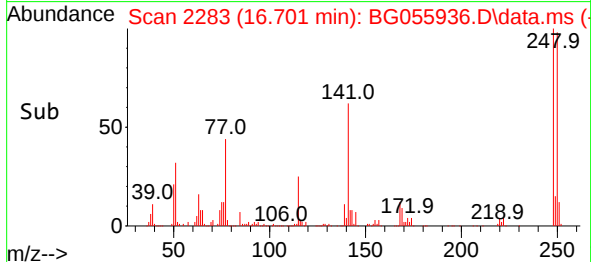
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS



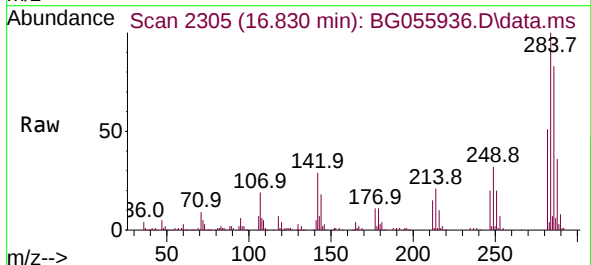
Tgt Ion:248 Resp: 12511
Ion Ratio Lower Upper
248 100
250 98.4 79.0 118.4
141 61.8 52.9 79.3

Manual Integrations
APPROVED

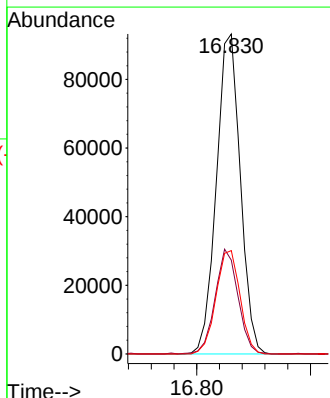
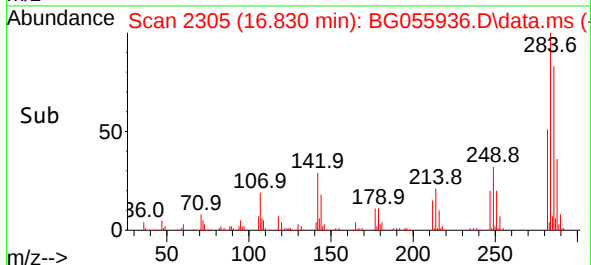
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

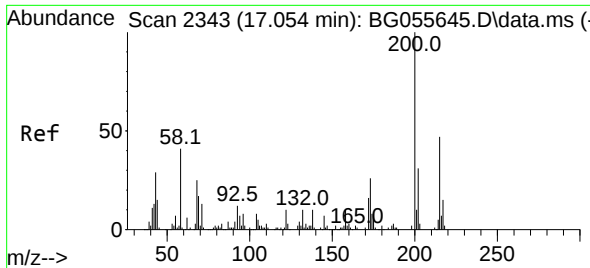


#68
Hexachlorobenzene
Concen: 47.920 ng
RT: 16.830 min Scan# 2305
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49



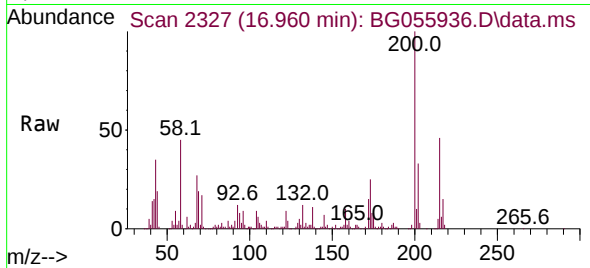
Tgt Ion:284 Resp: 136088
Ion Ratio Lower Upper
284 100
142 29.3 24.8 37.2
249 32.3 25.7 38.5





#69
Atrazine
Concen: 50.826 ng
RT: 16.960 min Scan# 2343
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

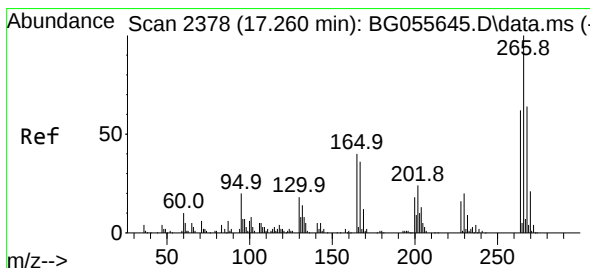
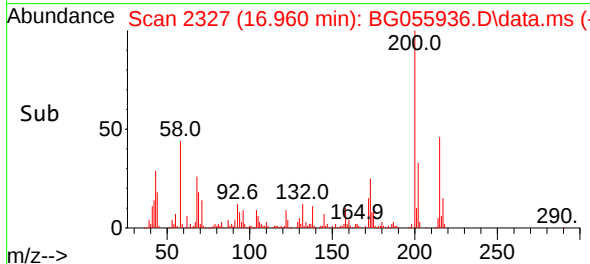
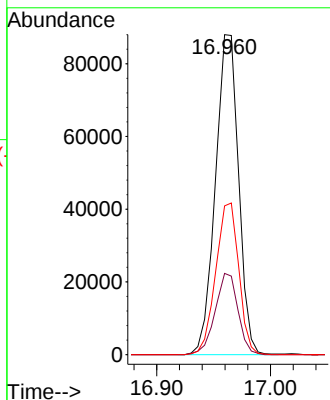
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS



Tgt Ion:200 Resp: 124526
Ion Ratio Lower Upper
200 100
173 25.4 5.6 45.6
215 46.5 27.2 67.2

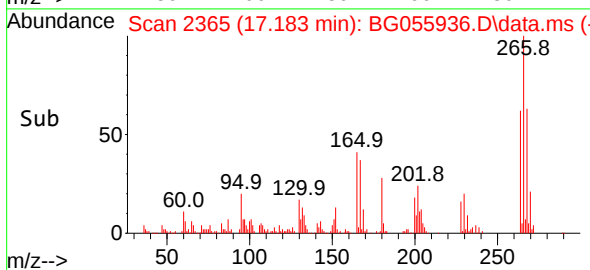
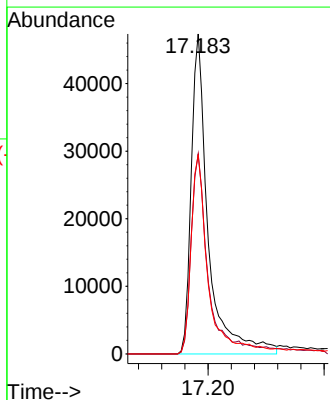
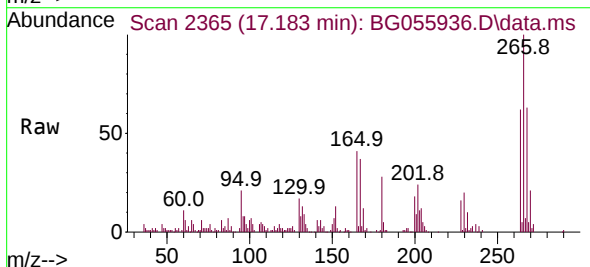
Manual Integrations
APPROVED

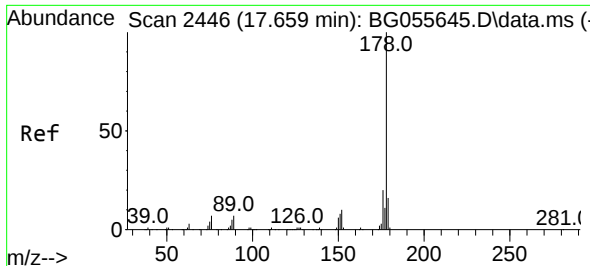
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#70
Pentachlorophenol
Concen: 55.433 ng m
RT: 17.183 min Scan# 2365
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

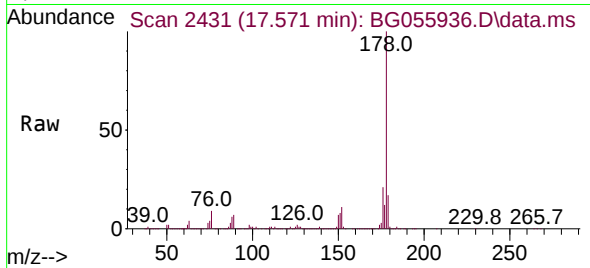
Tgt Ion:266 Resp: 96301
Ion Ratio Lower Upper
266 100
268 62.5 51.2 76.8
264 62.1 49.5 74.3





#71
Phenanthrene
Concen: 119.929 ng
RT: 17.571 min Scan# 24
Delta R.T. 0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

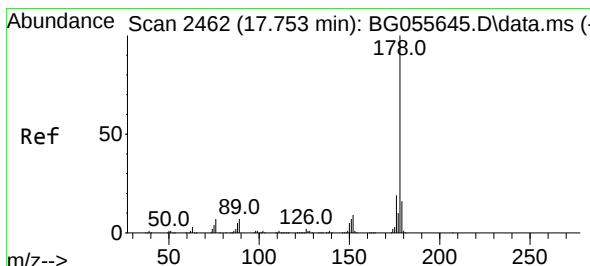
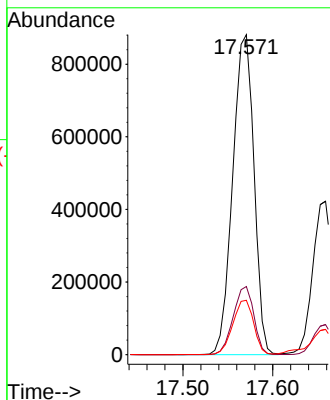
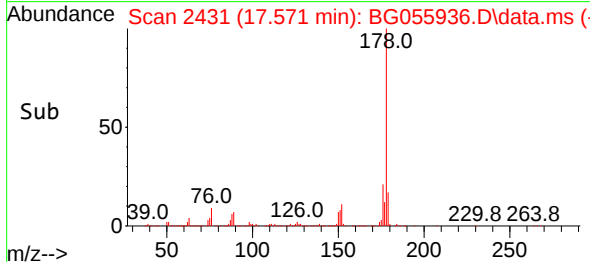
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS



Tgt Ion:178 Resp: 1454784
Ion Ratio Lower Upper
178 100
176 21.3 16.0 24.0
179 17.0 12.7 19.1

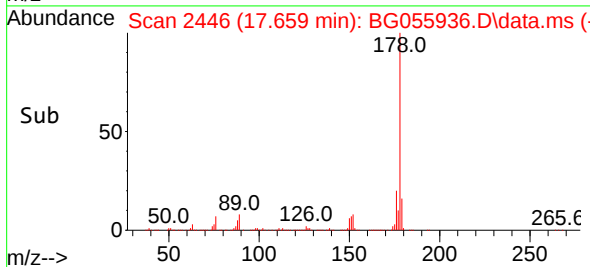
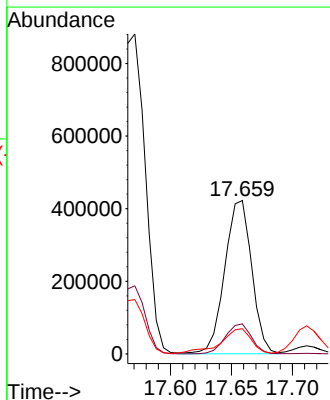
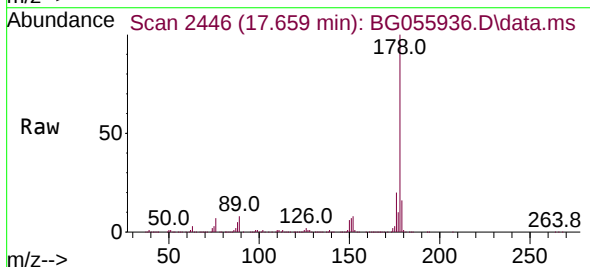
Manual Integrations
APPROVED

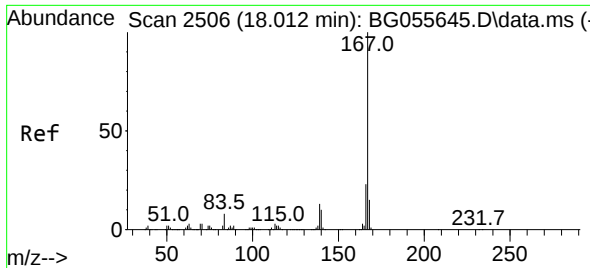
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#72
Anthracene
Concen: 55.345 ng
RT: 17.659 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

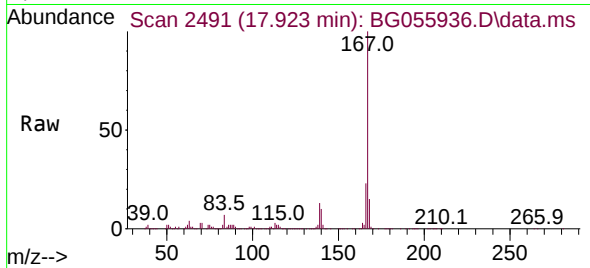
Tgt Ion:178 Resp: 652298
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 16.4 12.5 18.7





#73
 Carbazole
 Concen: 70.880 ng
 RT: 17.923 min Scan# 2491
 Delta R.T. 0.000 min
 Lab File: BG055936.D
 Acq: 8 Dec 2022 20:49

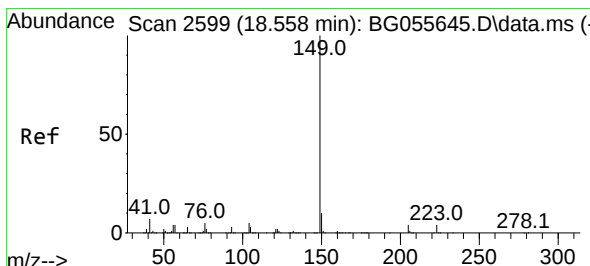
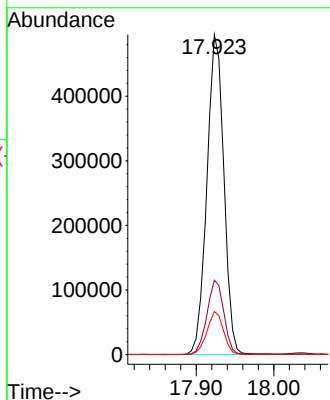
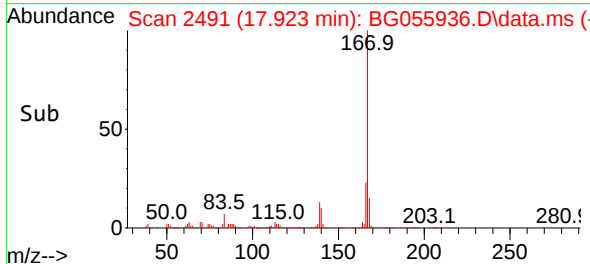
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-120722MS



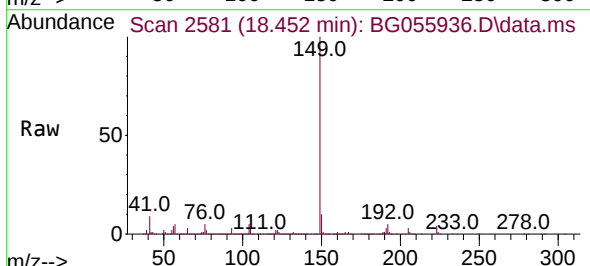
Tgt Ion:167 Resp: 751017
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.2
 139 13.5 10.2 15.4

Manual Integrations
 APPROVED

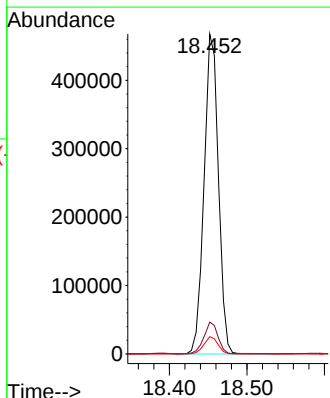
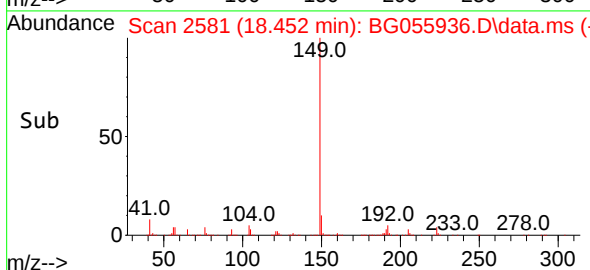
Reviewed By :Christian Giraldo 12/09/2022
 Supervised By :mohammad ahmed 12/14/2022

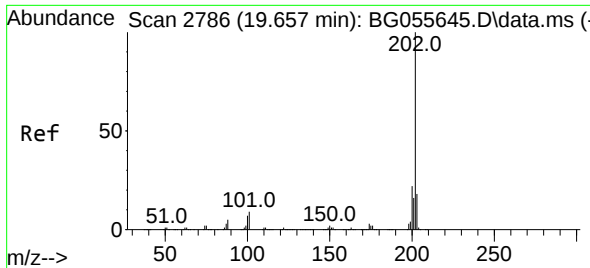


#74
 Di-n-butylphthalate
 Concen: 45.616 ng
 RT: 18.452 min Scan# 2581
 Delta R.T. -0.006 min
 Lab File: BG055936.D
 Acq: 8 Dec 2022 20:49



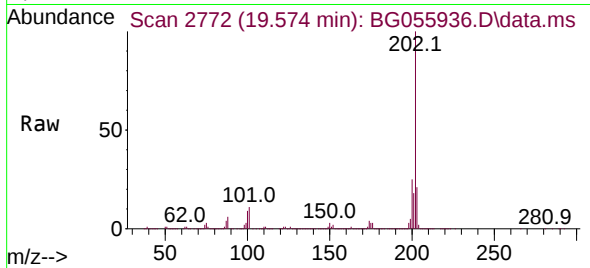
Tgt Ion:149 Resp: 600152
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.6
 104 5.4 4.0 6.0





#75
Fluoranthene
Concen: 157.637 ng
RT: 19.574 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

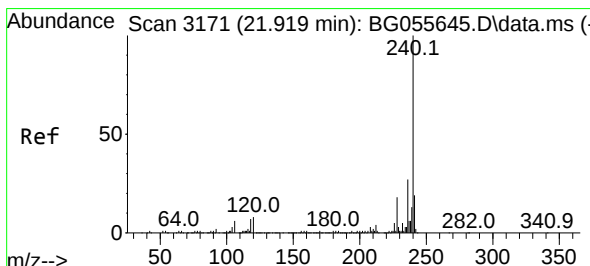
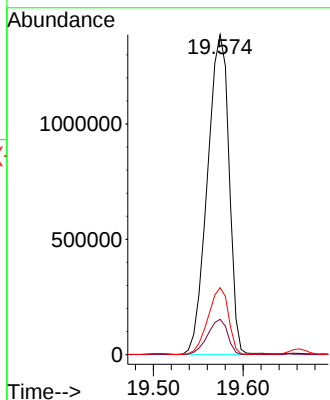
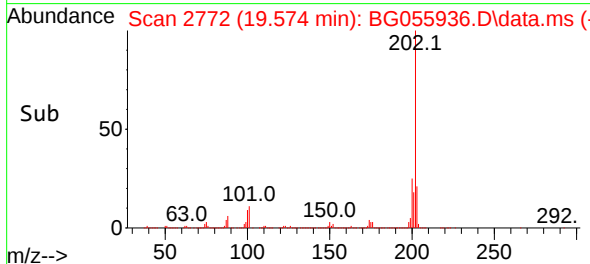
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS



Tgt Ion:202 Resp: 2326326
Ion Ratio Lower Upper
202 100
101 11.0 0.0 28.8
203 20.9 0.0 38.1

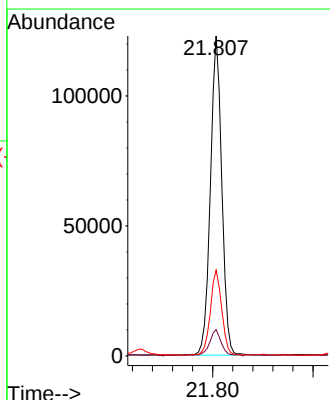
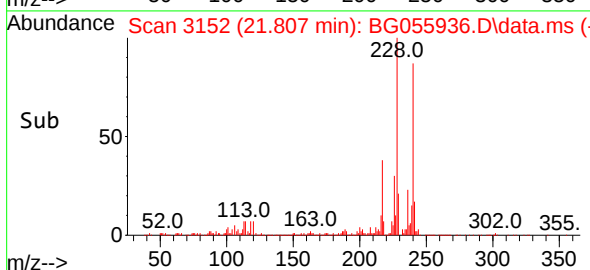
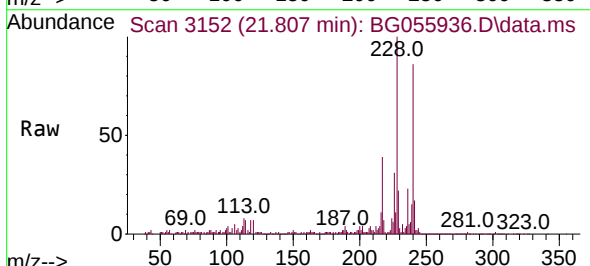
Manual Integrations
APPROVED

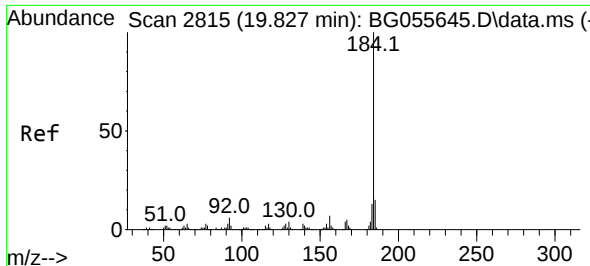
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.807 min Scan# 3152
Delta R.T. 0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

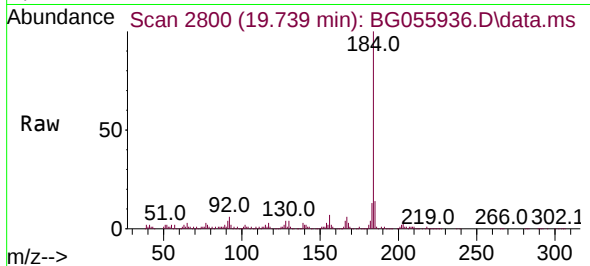
Tgt Ion:240 Resp: 192932
Ion Ratio Lower Upper
240 100
120 8.2 6.3 9.5
236 26.8 21.9 32.9





#77
Benzidine
Concen: 39.408 ng
RT: 19.739 min Scan# 2815
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

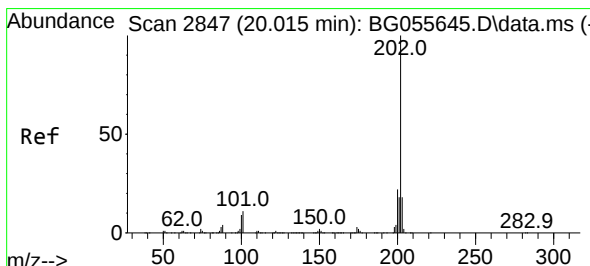
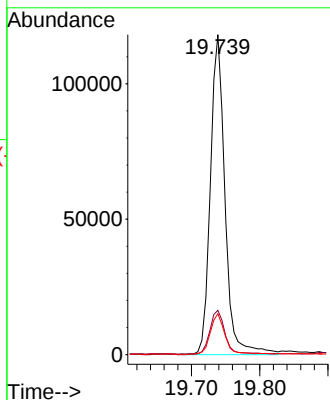
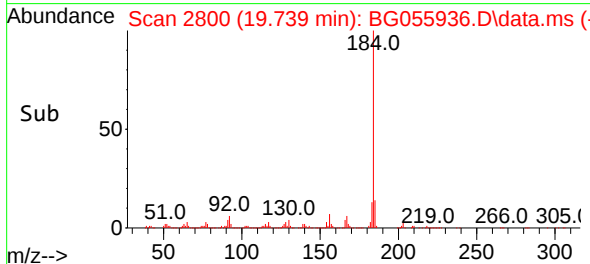
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS



Tgt Ion:184 Resp: 175893
Ion Ratio Lower Upper
184 100
185 13.8 11.8 17.8
183 12.8 10.6 15.8

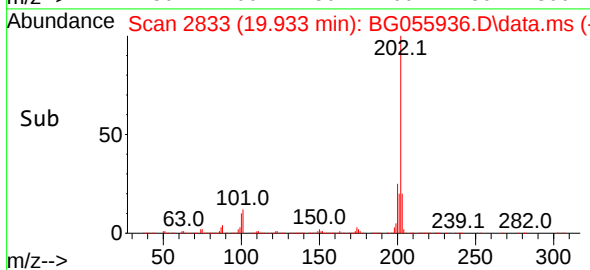
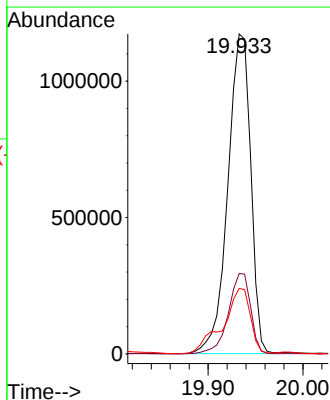
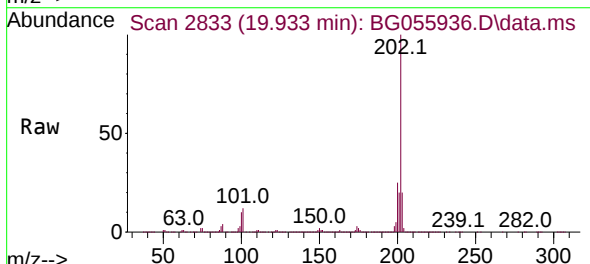
Manual Integrations
APPROVED

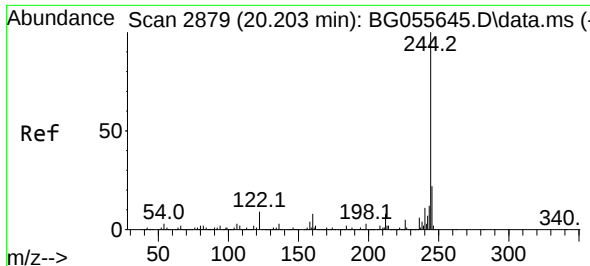
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#78
Pyrene
Concen: 150.758 ng
RT: 19.933 min Scan# 2833
Delta R.T. 0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

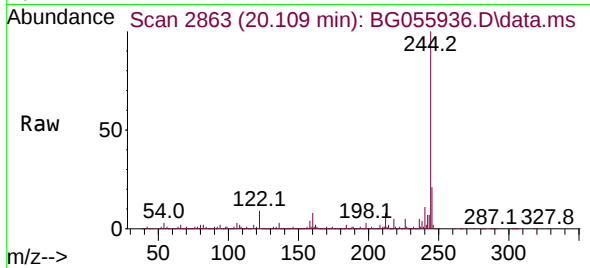
Tgt Ion:202 Resp: 1968781
Ion Ratio Lower Upper
202 100
200 25.1 17.8 26.6
203 20.5 14.4 21.6





#79
 Terphenyl-d14
 Concen: 89.497 ng
 RT: 20.109 min Scan# 2879
 Delta R.T. 0.000 min
 Lab File: BG055936.D
 Acq: 8 Dec 2022 20:49

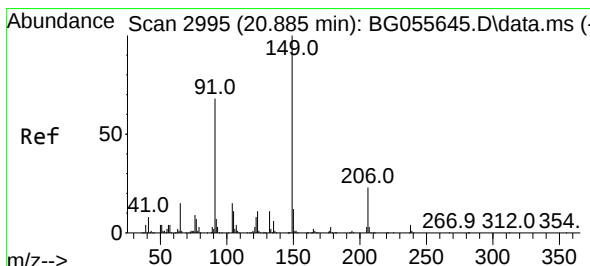
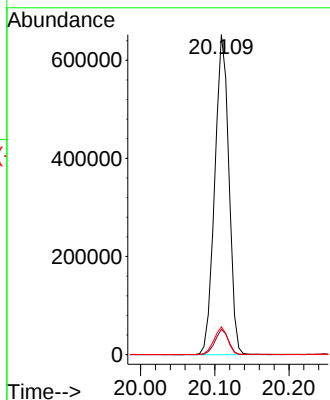
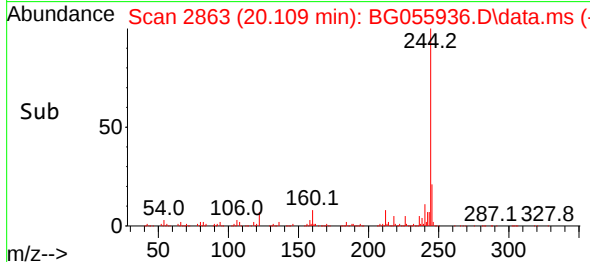
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-120722MS



Tgt Ion:244 Resp: 863286
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 8.7 6.9 10.3

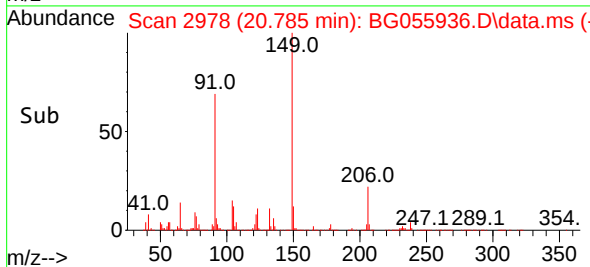
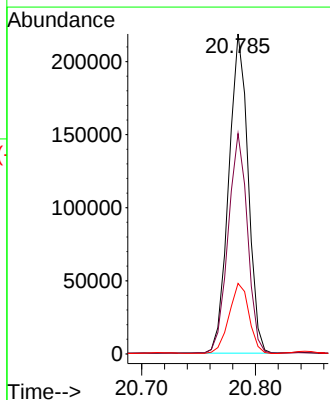
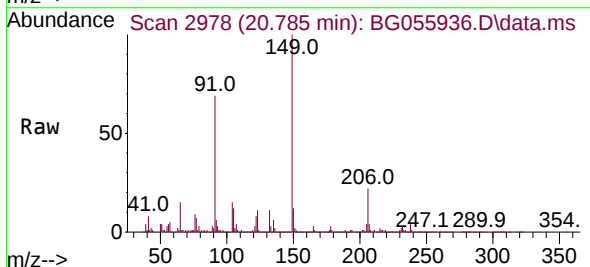
Manual Integrations
 APPROVED

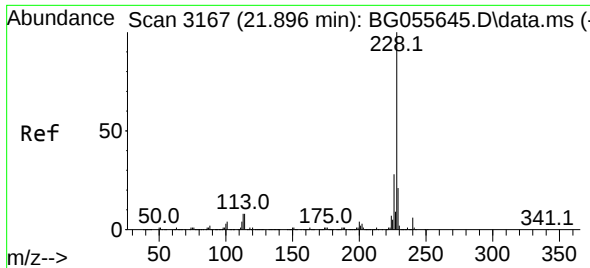
Reviewed By :Christian Giraldo 12/09/2022
 Supervised By :mohammad ahmed 12/14/2022



#80
 Butylbenzylphthalate
 Concen: 50.588 ng
 RT: 20.785 min Scan# 2978
 Delta R.T. 0.000 min
 Lab File: BG055936.D
 Acq: 8 Dec 2022 20:49

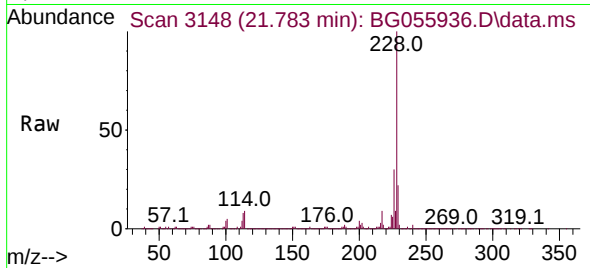
Tgt Ion:149 Resp: 258624
 Ion Ratio Lower Upper
 149 100
 91 68.9 54.6 81.8
 206 22.0 18.3 27.5





#81
Benzo(a)anthracene
Concen: 94.836 ng
RT: 21.783 min Scan# 311
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

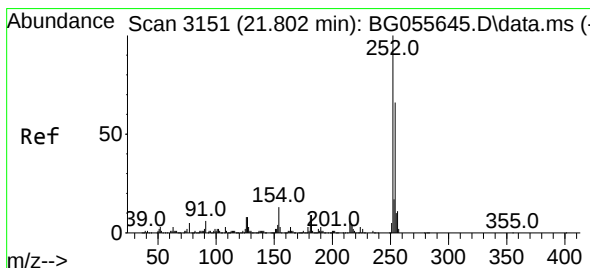
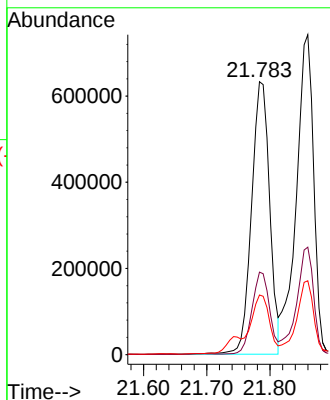
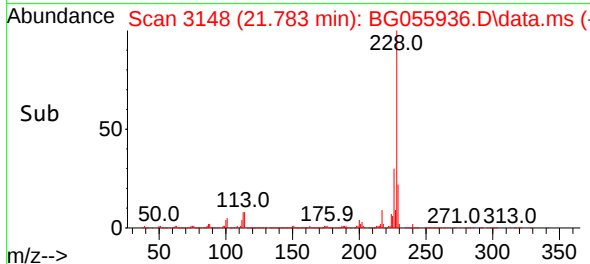
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS



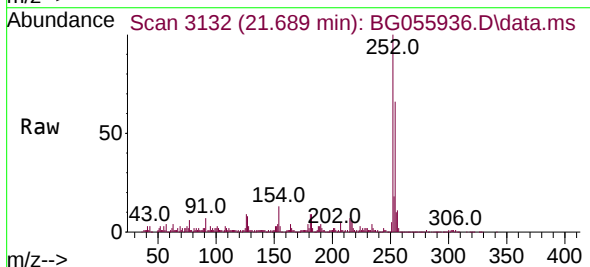
Tgt Ion:228 Resp: 1260215
Ion Ratio Lower Upper
228 100
226 30.2 22.7 34.1
229 21.8 16.5 24.7

Manual Integrations
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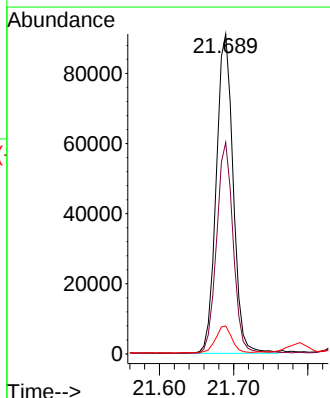
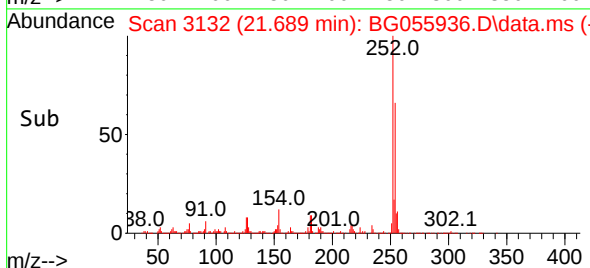
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

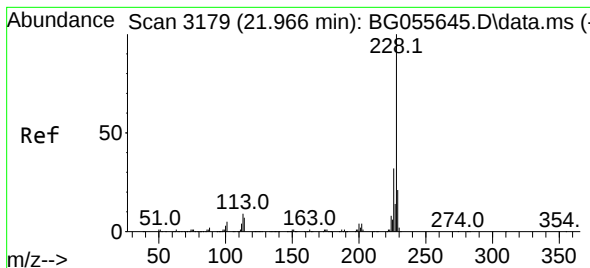


#82
3,3'-Dichlorobenzidine
Concen: 30.897 ng
RT: 21.689 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49



Tgt Ion:252 Resp: 144266
Ion Ratio Lower Upper
252 100
254 66.1 53.0 79.6
126 8.7 6.7 10.1





#83

Chrysene

Concen: 112.762 ng m

RT: 21.860 min Scan# 31

Delta R.T. 0.012 min

Lab File: BG055936.D

Acq: 8 Dec 2022 20:49

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MS

Tgt Ion:228 Resp: 142648

Ion Ratio Lower Upper

228 100

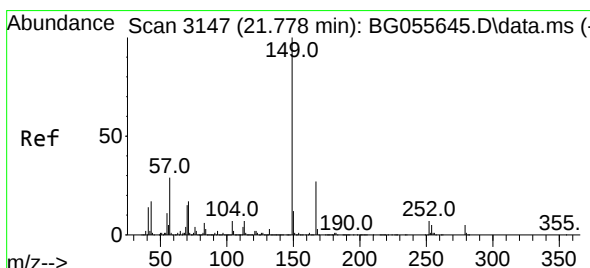
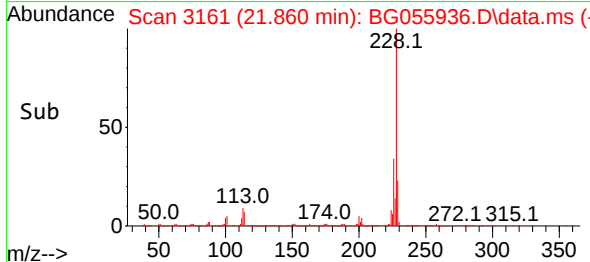
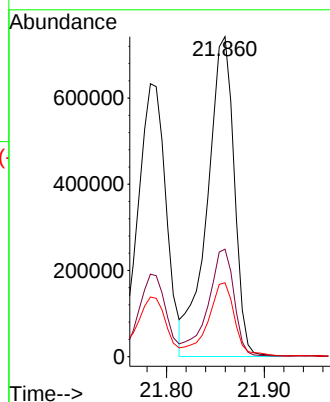
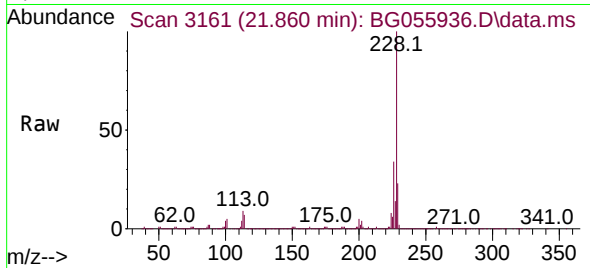
226 33.6 25.4 38.2

229 23.1 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.883 ng

RT: 21.648 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BG055936.D

Acq: 8 Dec 2022 20:49

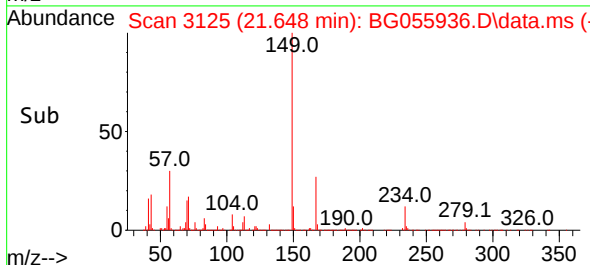
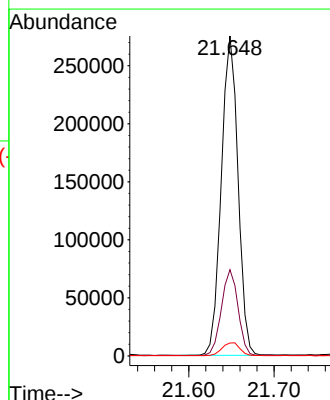
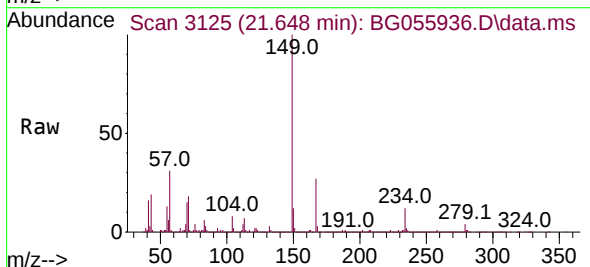
Tgt Ion:149 Resp: 373850

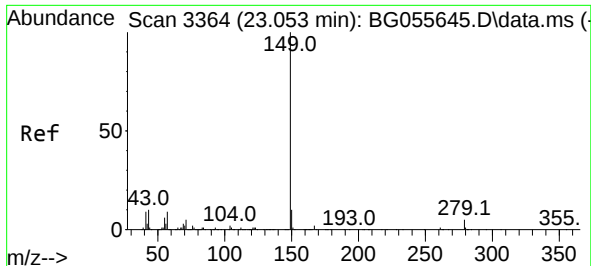
Ion Ratio Lower Upper

149 100

167 26.9 22.0 33.0

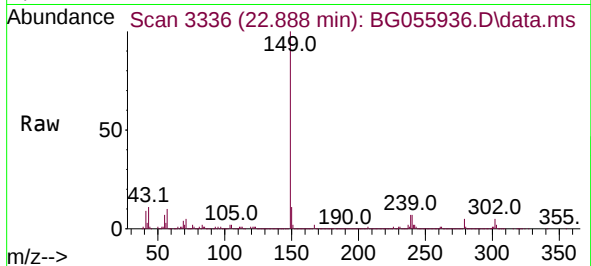
279 4.1 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 50.748 ng
RT: 22.888 min Scan# 3364
Delta R.T. 0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

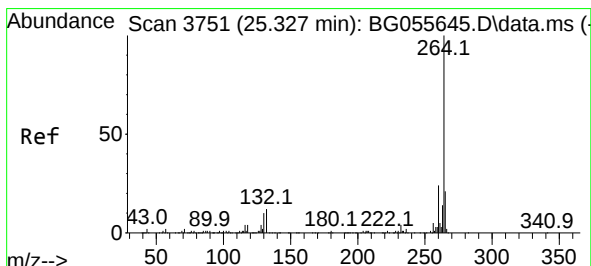
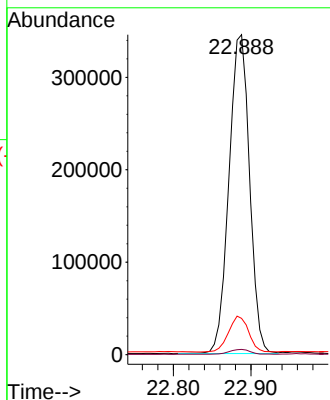
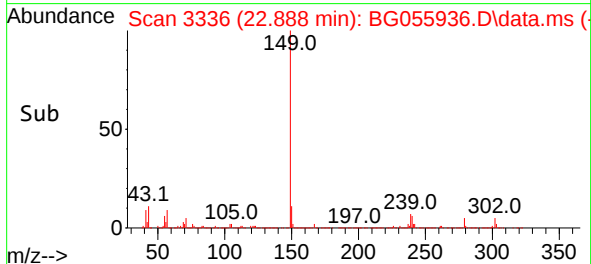
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS



Tgt Ion:149 Resp: 638075
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.9 8.4 12.6

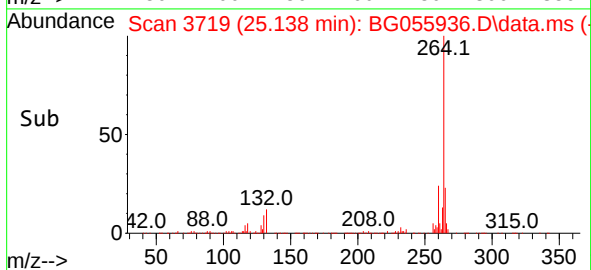
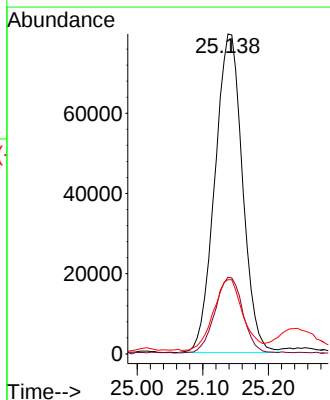
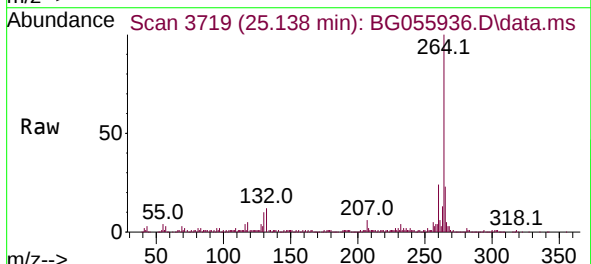
Manual Integrations
APPROVED

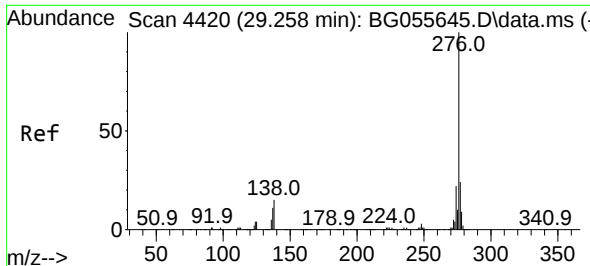
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.138 min Scan# 3719
Delta R.T. 0.006 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

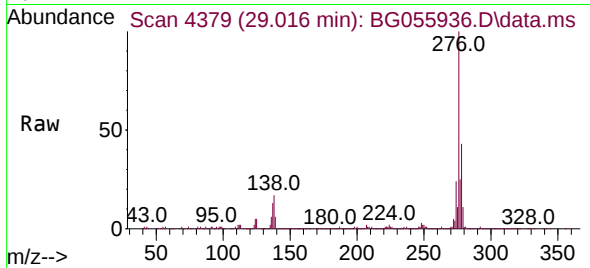
Tgt Ion:264 Resp: 232320
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 23.2 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 67.676 ng
RT: 29.016 min Scan# 4379
Delta R.T. 0.035 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

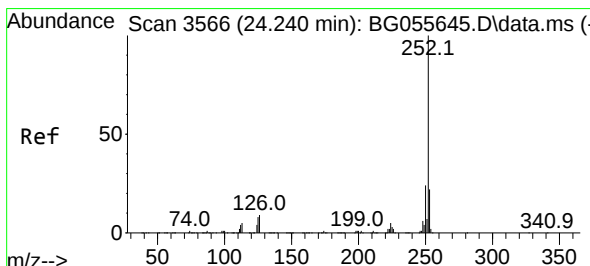
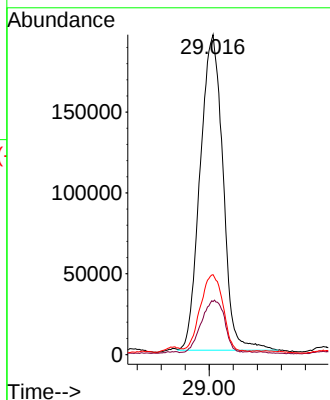
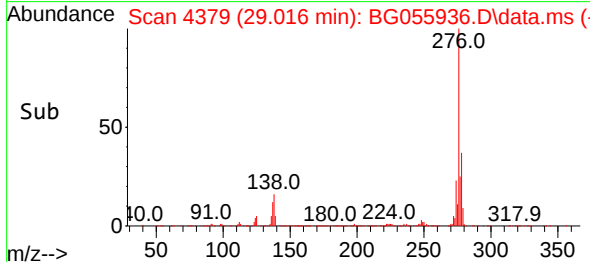
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS



Tgt Ion:276 Resp: 1288031
Ion Ratio Lower Upper
276 100
138 16.6 10.4 15.6
277 24.3 20.2 30.4

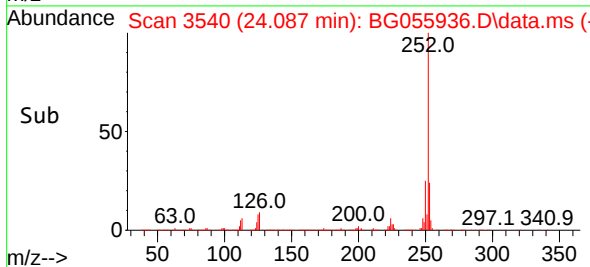
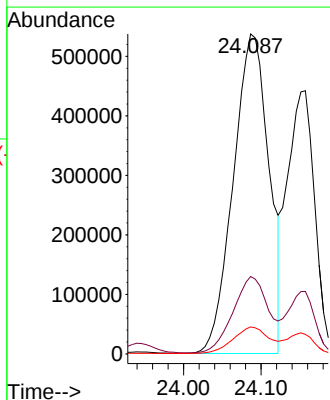
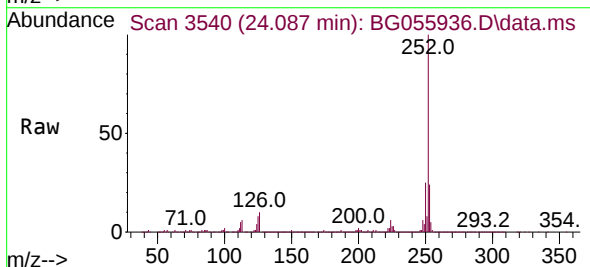
Manual Integrations
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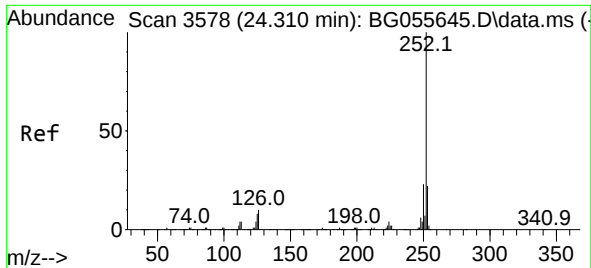
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#88
Benzo(b)fluoranthene
Concen: 113.254 ng
RT: 24.087 min Scan# 3540
Delta R.T. 0.018 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

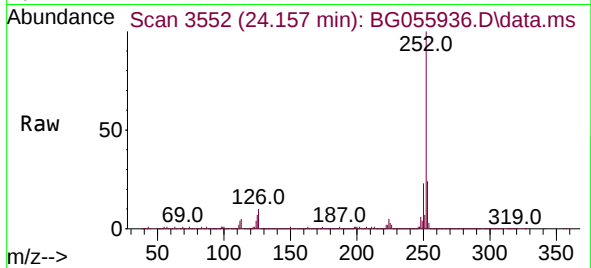
Tgt Ion:252 Resp: 1713530
Ion Ratio Lower Upper
252 100
253 24.2 18.0 27.0
125 8.4 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 71.202 ng
RT: 24.157 min Scan# 31
Delta R.T. 0.018 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

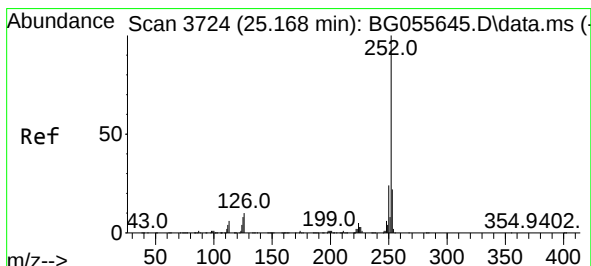
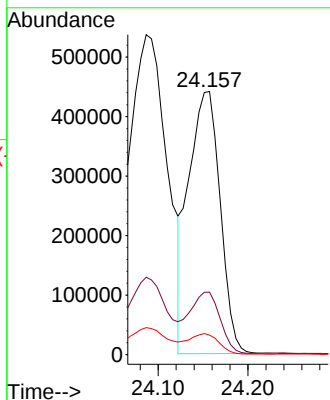
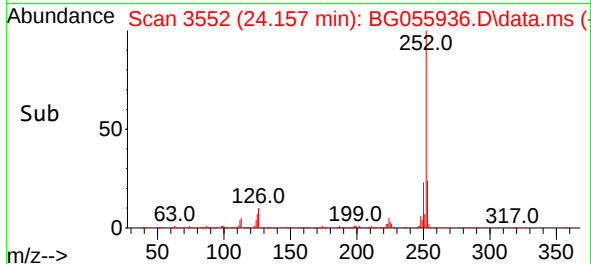
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MS



Tgt Ion:252 Resp: 1073834
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.6
125 7.4 6.1 9.1

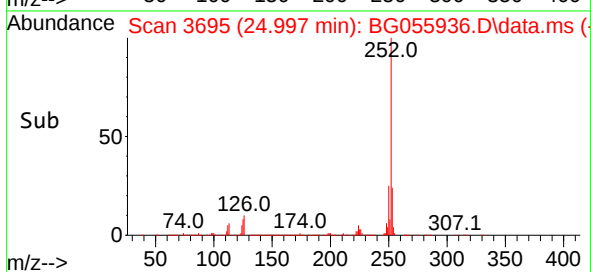
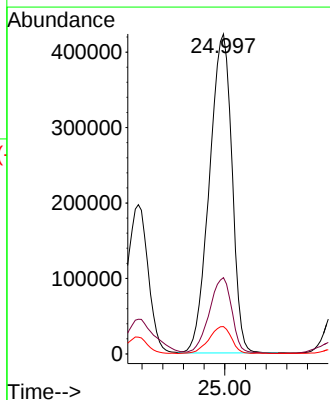
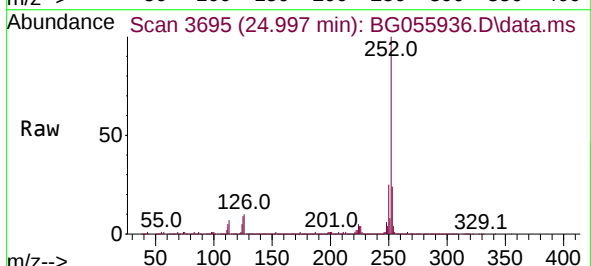
Manual Integrations
APPROVED

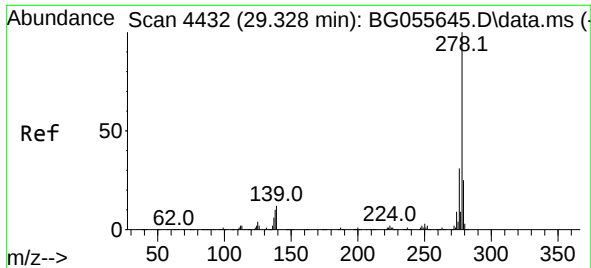
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#90
Benzo(a)pyrene
Concen: 98.720 ng
RT: 24.997 min Scan# 3695
Delta R.T. 0.018 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Tgt Ion:252 Resp: 1281722
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.6
125 8.5 6.4 9.6





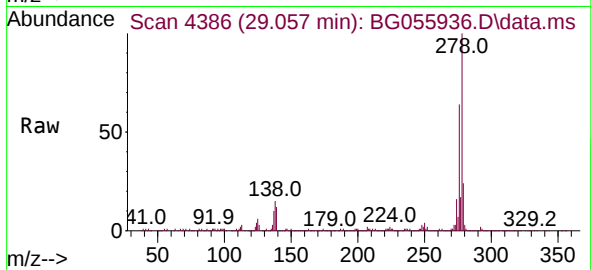
#91
Dibenzo(a,h)anthracene
Concen: 48.823 ng
RT: 29.057 min Scan# 4386
Delta R.T. 0.029 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MS

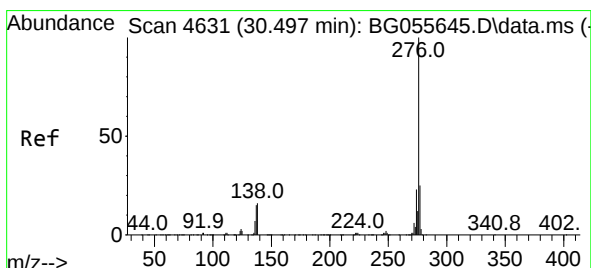
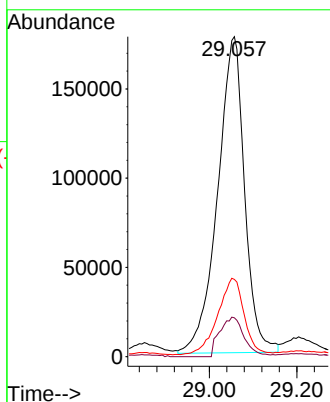
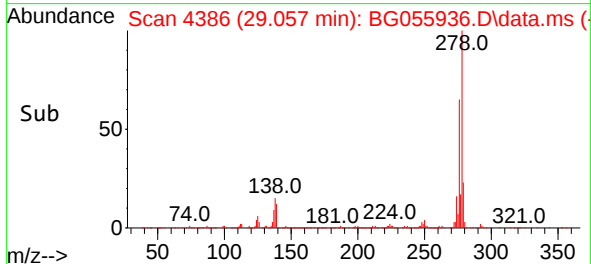


Tgt Ion:278 Resp: 759333
Ion Ratio Lower Upper
278 100
139 12.1 9.8 14.8
279 24.1 19.8 29.6

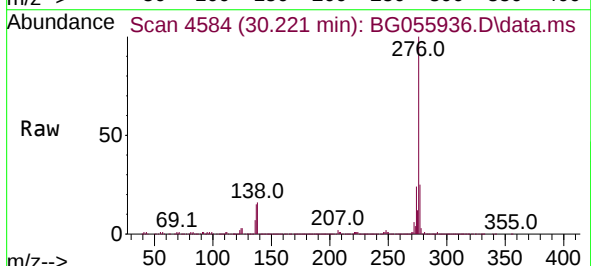
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#92
Benzo(g,h,i)perylene
Concen: 73.193 ng
RT: 30.221 min Scan# 4584
Delta R.T. 0.035 min
Lab File: BG055936.D
Acq: 8 Dec 2022 20:49



Tgt Ion:276 Resp: 1147324
Ion Ratio Lower Upper
276 100
277 24.6 19.8 29.6
138 16.0 13.1 19.7

