

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
 Data File : BG060859.D
 Acq On : 11 Apr 2024 14:42
 Operator : MA/JU
 Sample : PB160120BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160120BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 12 04:33:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	53167	20.000	ng	-0.01
21) Naphthalene-d8	10.746	136	228321	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	186721	20.000	ng	-0.01
64) Phenanthrene-d10	17.326	188	448432	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	389001	20.000	ng	-0.02
86) Perylene-d12	24.718	264	451363	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	427885	134.070	ng	0.00
7) Phenol-d6	7.115	99	635264	134.095	ng	0.00
23) Nitrobenzene-d5	9.107	82	400798	100.167	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	365691	172.529	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	1071617	84.229	ng	-0.01
79) Terphenyl-d14	19.953	244	1905007	86.231	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.454	88	43922	33.567	ng	97
3) Pyridine	3.836	79	117900	29.871	ng	91
4) n-Nitrosodimethylamine	3.754	42	101633	43.078	ng	86
6) Aniline	7.273	93	153383	25.639	ng	100
8) 2-Chlorophenol	7.514	128	174917	48.343	ng	96
9) Benzaldehyde	7.085	77	27369m	10.477	ng	
10) Phenol	7.144	94	230352	47.644	ng	99
11) bis(2-Chloroethyl)ether	7.373	93	150251	38.491	ng	95
12) 1,3-Dichlorobenzene	7.837	146	166310	44.200	ng	96
13) 1,4-Dichlorobenzene	7.984	146	168298	43.842	ng	98
14) 1,2-Dichlorobenzene	8.302	146	164984	43.856	ng	97
15) Benzyl Alcohol	8.184	79	171715	44.747	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.466	45	383285	43.509	ng	99
17) 2-Methylphenol	8.390	107	155932	42.722	ng	98
18) Hexachloroethane	9.030	117	61237	44.916	ng	91
19) n-Nitroso-di-n-propyla...	8.754	70	143954	39.846	ng	# 97
20) 3+4-Methylphenols	8.713	107	219523	43.922	ng	97
22) Acetophenone	8.766	105	273065	43.374	ng	# 97
24) Nitrobenzene	9.148	77	202843	45.684	ng	97
25) Isophorone	9.671	82	384422	41.712	ng	99
26) 2-Nitrophenol	9.853	139	89283	55.462	ng	# 89
27) 2,4-Dimethylphenol	9.917	122	136113	36.766	ng	97
28) bis(2-Chloroethoxy)met...	10.152	93	229171	42.119	ng	99
29) 2,4-Dichlorophenol	10.393	162	183406	53.949	ng	98
30) 1,2,4-Trichlorobenzene	10.611	180	181969	47.271	ng	98
31) Naphthalene	10.799	128	528724	42.809	ng	99
32) Benzoic acid	10.064	122	129905	52.065	ng	99
33) 4-Chloroaniline	10.899	127	87663	15.281	ng	99
34) Hexachlorobutadiene	11.087	225	130004	50.673	ng	97
35) Caprolactam	11.668	113	62203m	46.198	ng	
36) 4-Chloro-3-methylphenol	12.027	107	213086	49.066	ng	100
37) 2-Methylnaphthalene	12.403	142	383082	42.189	ng	99
38) 1-Methylnaphthalene	12.620	142	361228	42.111	ng	97
40) 1,2,4,5-Tetrachloroben...	12.773	216	251313	46.817	ng	98
41) Hexachlorocyclopentadiene	12.755	237	298126	109.223	ng	100
43) 2,4,6-Trichlorophenol	13.014	196	181491	52.507	ng	95

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M

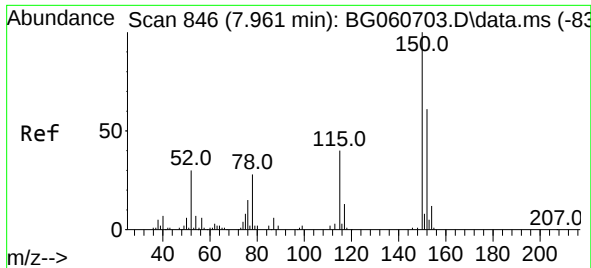
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 30 03:12:26 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.084	196	201768	48.914	ng	98
46) 1,1'-Biphenyl	13.413	154	560258	42.480	ng	99
47) 2-Chloronaphthalene	13.454	162	443409	44.250	ng	99
48) 2-Nitroaniline	13.648	65	169618	51.547	ng	97
49) Acenaphthylene	14.300	152	748886	44.479	ng	100
50) Dimethylphthalate	14.042	163	626184	42.428	ng	99
51) 2,6-Dinitrotoluene	14.154	165	128490	48.580	ng	92
52) Acenaphthene	14.647	154	507790m	48.035	ng	
53) 3-Nitroaniline	14.477	138	83302	29.881	ng	98
54) 2,4-Dinitrophenol	14.688	184	158414	154.206	ng	91
55) Dibenzofuran	14.982	168	696126	41.748	ng	99
56) 4-Nitrophenol	14.794	139	227914	105.636	ng	96
57) 2,4-Dinitrotoluene	14.941	165	189176	54.243	ng	91
58) Fluorene	15.628	166	576843	43.104	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.205	232	189708	52.772	ng	97
60) Diethylphthalate	15.411	149	617759	41.605	ng	98
61) 4-Chlorophenyl-phenyle...	15.628	204	310190	43.812	ng	95
62) 4-Nitroaniline	15.646	138	133822	49.594	ng	95
63) Azobenzene	15.916	77	585237	40.448	ng	97
65) 4,6-Dinitro-2-methylph...	15.705	198	113354	59.310	ng	99
66) n-Nitrosodiphenylamine	15.840	169	546441	42.642	ng	96
67) 4-Bromophenyl-phenylether	16.521	248	216722	47.621	ng	99
68) Hexachlorobenzene	16.633	284	246320	47.946	ng	99
69) Atrazine	16.792	200	211217	47.134	ng	99
70) Pentachlorophenol	16.980	266	335843	100.185	ng	97
71) Phenanthrene	17.373	178	982042	42.108	ng	100
72) Anthracene	17.461	178	1001158	42.270	ng	100
73) Carbazole	17.726	167	877764	42.033	ng	99
74) Di-n-butylphthalate	18.302	149	1038595	39.892	ng	99
75) Fluoranthene	19.383	202	1193443	42.171	ng	97
77) Benzidine	19.559	184	300229	29.310	ng	98
78) Pyrene	19.741	202	1224040	44.992	ng	100
80) Butylbenzylphthalate	20.646	149	444454	44.784	ng	96
81) Benzo(a)anthracene	21.568	228	1215764	44.338	ng	99
82) 3,3'-Dichlorobenzidine	21.486	252	288435	31.153	ng	96
83) Chrysene	21.633	228	1139815	43.127	ng	99
84) Bis(2-ethylhexyl)phtha...	21.504	149	637118	40.278	ng	98
85) Di-n-octyl phthalate	22.702	149	1115893	43.303	ng	99
87) Indeno(1,2,3-cd)pyrene	28.278	276	1456888	45.836	ng	# 96
88) Benzo(b)fluoranthene	23.731	252	1190539	45.912	ng	98
89) Benzo(k)fluoranthene	23.801	252	1173091	44.199	ng	99
90) Benzo(a)pyrene	24.577	252	1115636	44.272	ng	97
91) Dibenzo(a,h)anthracene	28.355	278	1182001	44.114	ng	# 95
92) Benzo(g,h,i)perylene	29.389	276	1106363	42.447	ng	97

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



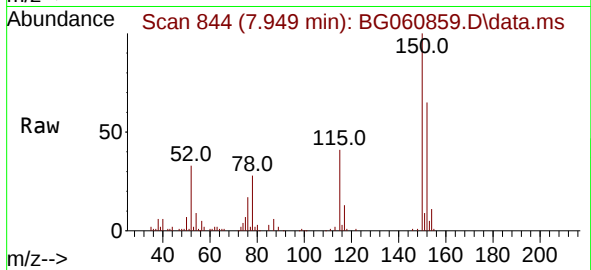
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.949 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

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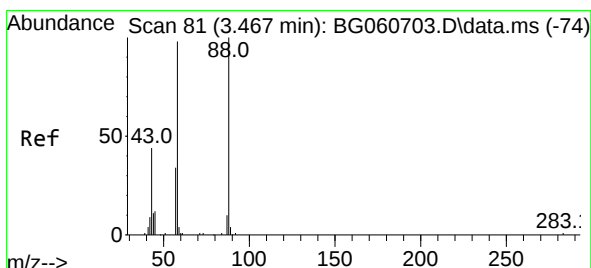
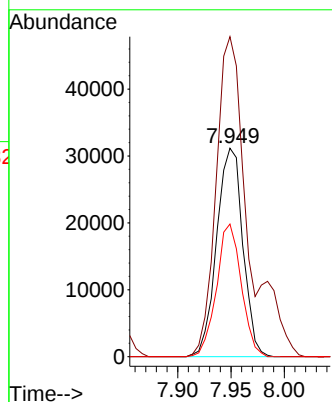
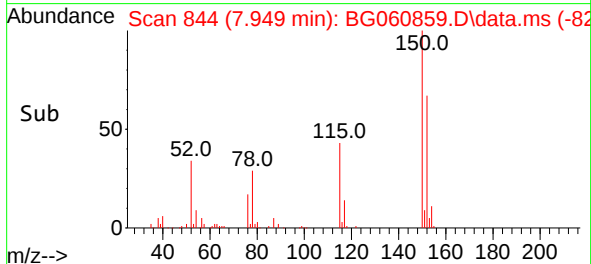
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Ion Ratio Lower Upper
152 100
150 153.5 130.2 195.4
115 63.6 51.6 77.4

Manual Integrations

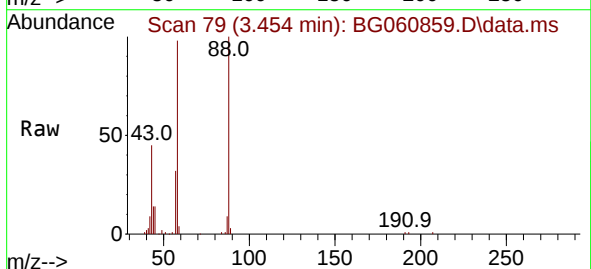
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

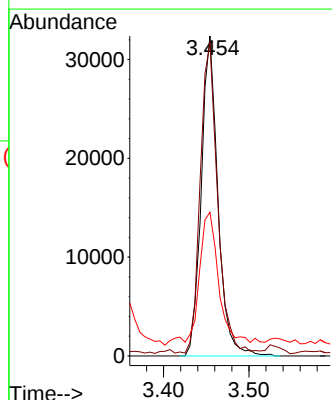
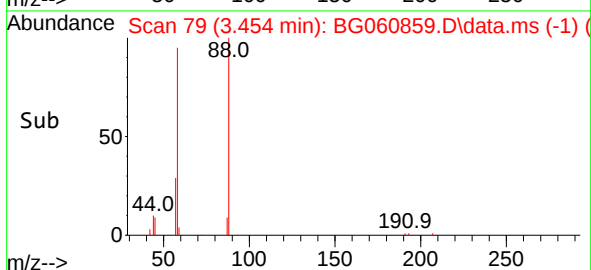
Supervised By :mohammad ahmed 04/17/2024

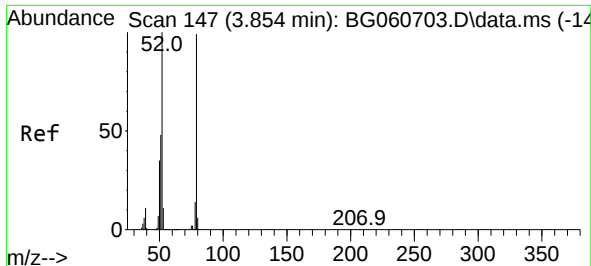


#2
1,4-Dioxane
Concen: 33.567 ng
RT: 3.454 min Scan# 79
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42



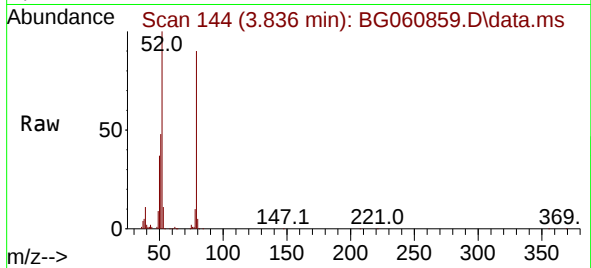
Tgt Ion: 88 Resp: 43922
Ion Ratio Lower Upper
88 100
58 101.1 80.9 121.3
43 50.4 35.4 53.0





#3
Pyridine
Concen: 29.871 ng
RT: 3.836 min Scan# 14
Delta R.T. -0.018 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

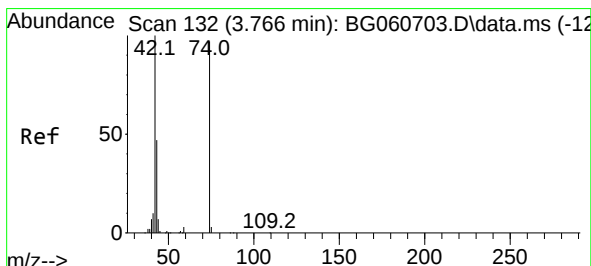
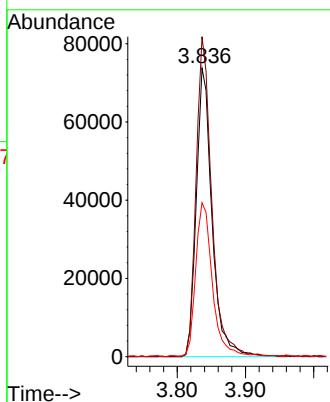
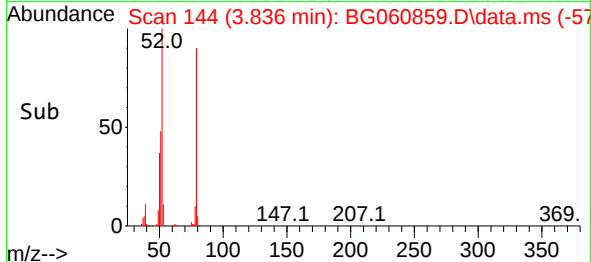
Instrument :
BNA_G
ClientSampleId :
PB160120BS



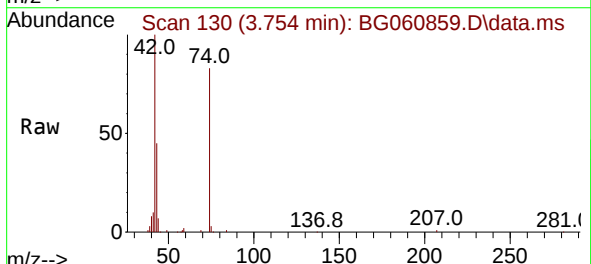
Tgt Ion: 79 Resp: 117900
Ion Ratio Lower Upper
79 100
52 110.9 80.6 120.8
51 53.4 39.1 58.7

Manual Integrations
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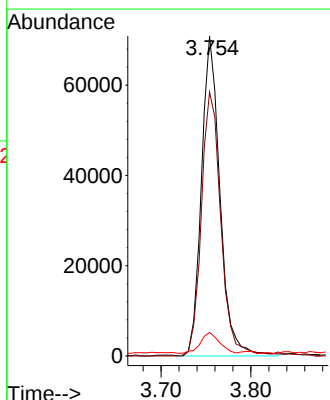
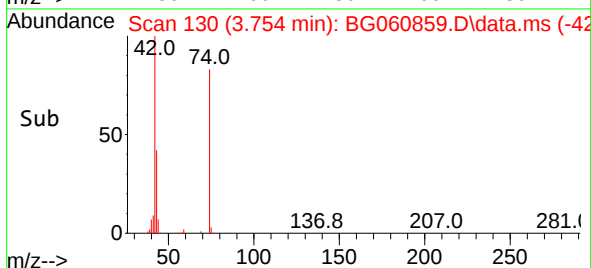
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#4
n-Nitrosodimethylamine
Concen: 43.078 ng
RT: 3.754 min Scan# 130
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42



Tgt Ion: 42 Resp: 101633
Ion Ratio Lower Upper
42 100
74 82.5 77.8 116.8
44 7.4 6.8 10.2





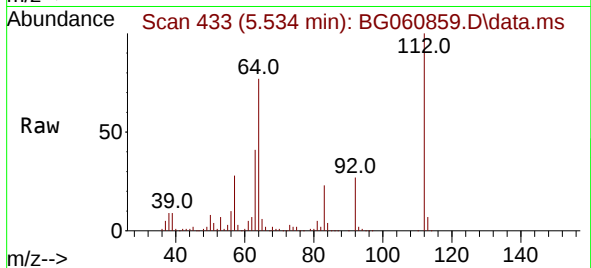
#5
2-Fluorophenol
Concen: 134.070 ng
RT: 5.534 min Scan# 411
Delta R.T. -0.001 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS



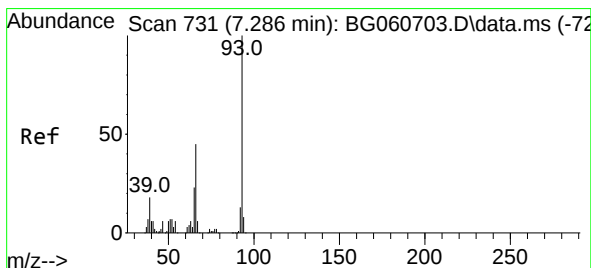
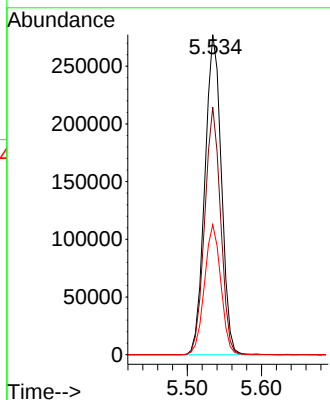
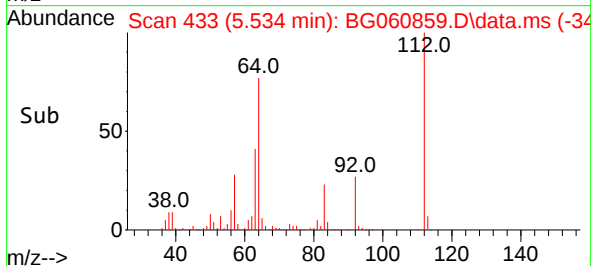
Tgt Ion:112 Resp: 427885
Ion Ratio Lower Upper
112 100
64 77.4 58.4 87.6
63 40.6 32.7 49.1

Manual Integrations

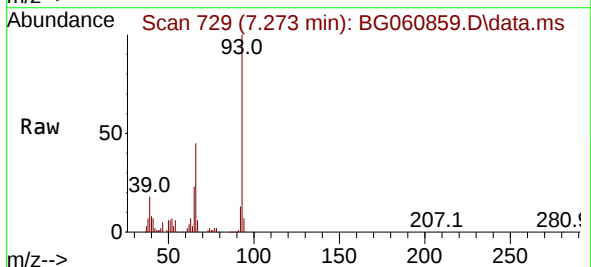
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

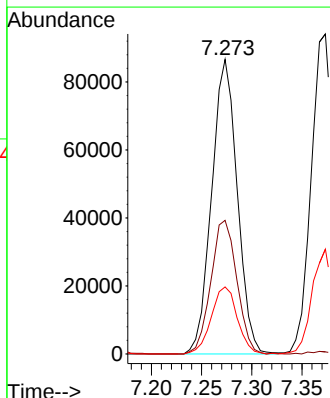
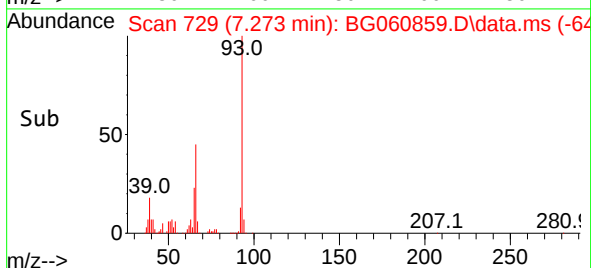
Supervised By :mohammad ahmed 04/17/2024

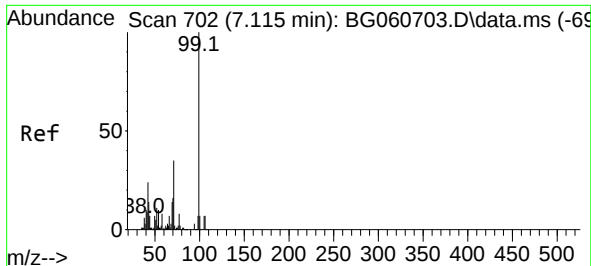


#6
Aniline
Concen: 25.639 ng
RT: 7.273 min Scan# 729
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42



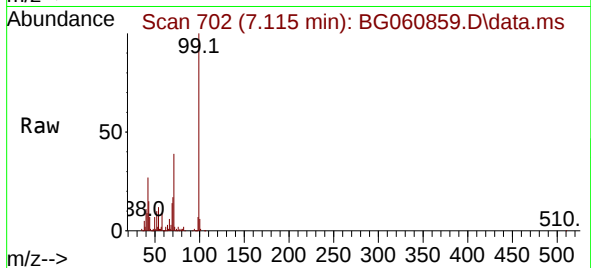
Tgt Ion: 93 Resp: 153383
Ion Ratio Lower Upper
93 100
66 45.4 36.1 54.1
65 22.7 18.1 27.1





#7
Phenol-d6
Concen: 134.095 ng
RT: 7.115 min Scan# 702
Delta R.T. -0.001 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

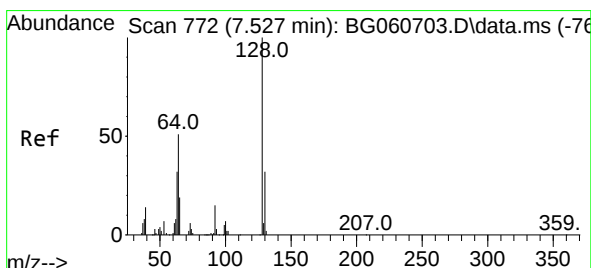
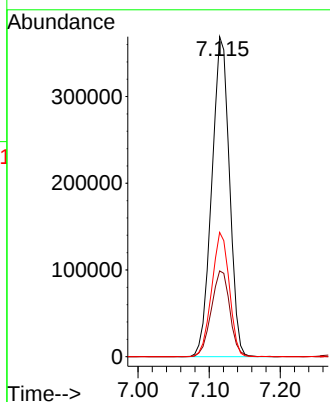
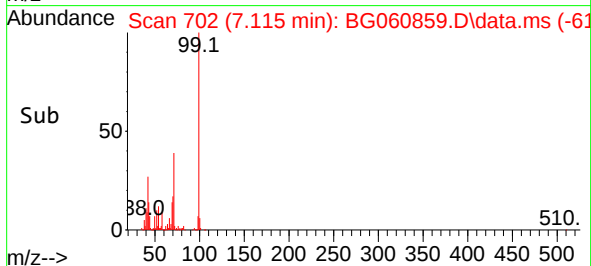
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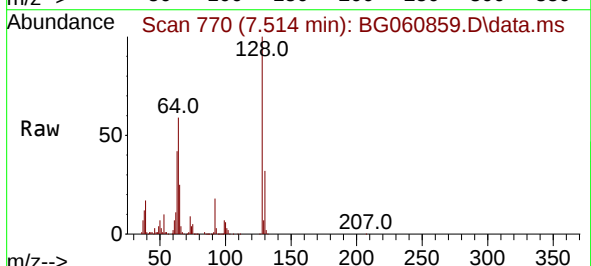
Tgt Ion: 99 Resp: 635264
Ion Ratio Lower Upper
99 100
42 26.8 19.4 29.2
71 38.8 28.2 42.2

Manual Integrations
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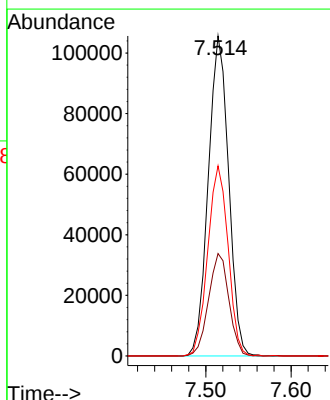
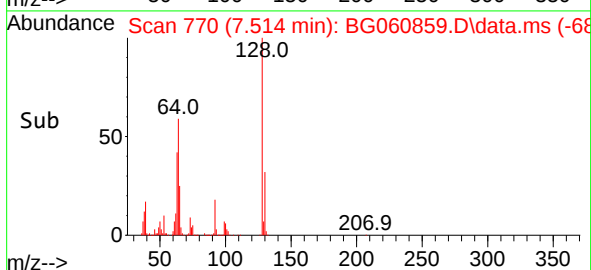
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#8
2-Chlorophenol
Concen: 48.343 ng
RT: 7.514 min Scan# 770
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42



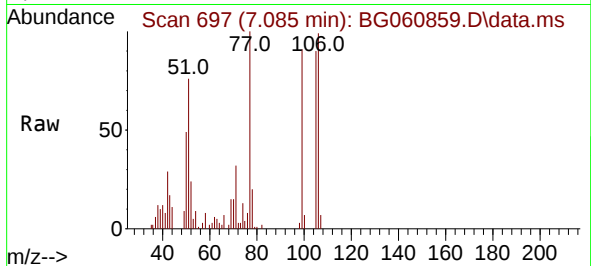
Tgt Ion:128 Resp: 174917
Ion Ratio Lower Upper
128 100
130 32.0 12.3 52.3
64 59.4 35.0 75.0





#9
Benzaldehyde
Concen: 10.477 ng m
RT: 7.085 min Scan# 697
Delta R.T. -0.013 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

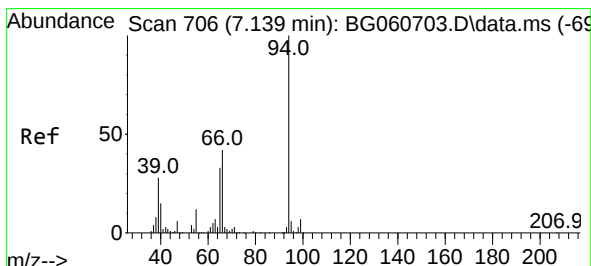
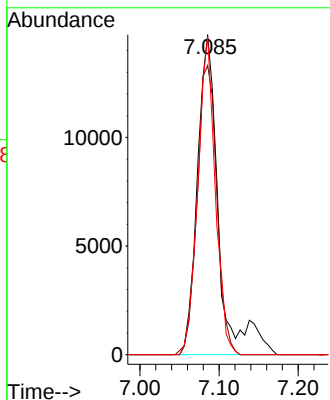
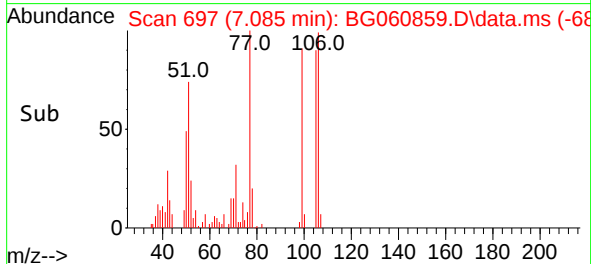
Instrument :
BNA_G
ClientSampleId :
PB160120BS



Tgt Ion: 77 Resp: 27369
Ion Ratio Lower Upper
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105 90.3 76.0 116.0
106 99.3 70.3 110.3

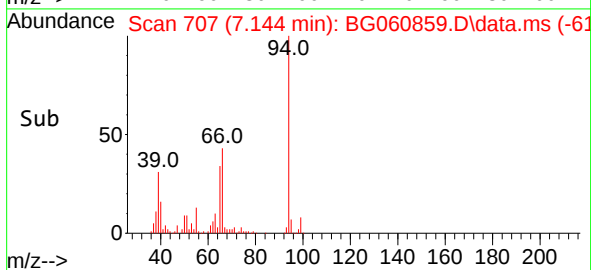
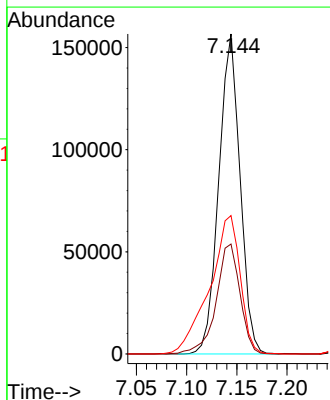
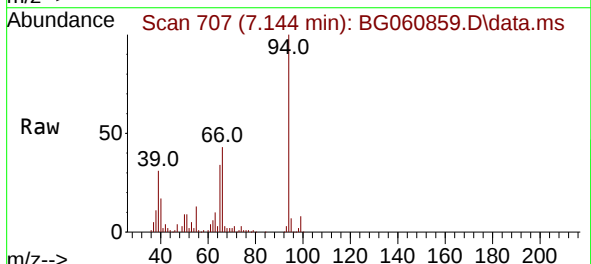
Manual Integrations
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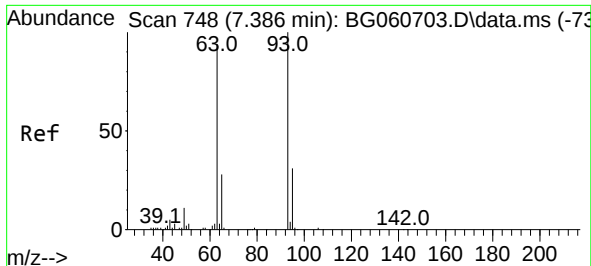
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#10
Phenol
Concen: 47.644 ng
RT: 7.144 min Scan# 707
Delta R.T. 0.005 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Tgt Ion: 94 Resp: 230352
Ion Ratio Lower Upper
94 100
65 34.4 13.3 53.3
66 43.2 22.9 62.9





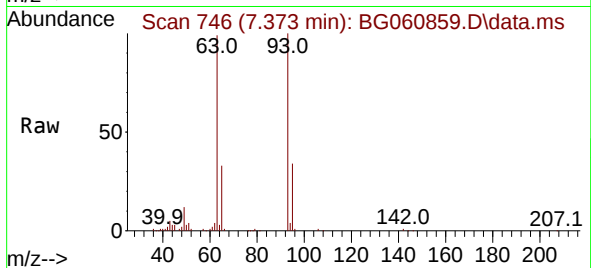
#11
bis(2-Chloroethyl)ether
Concen: 38.491 ng
RT: 7.373 min Scan# 748
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS



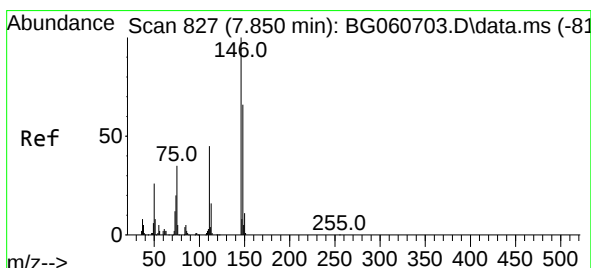
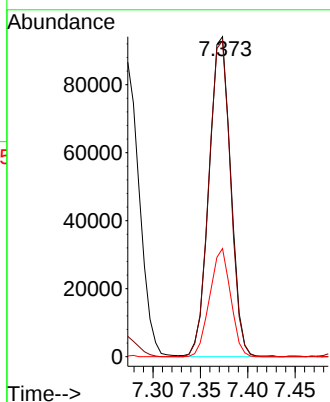
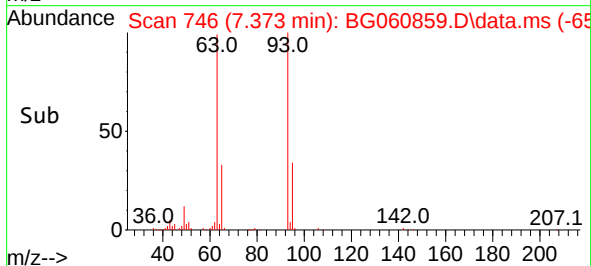
Tgt Ion: 93 Resp: 15025
Ion Ratio Lower Upper
93 100
63 98.7 73.7 113.7
95 33.8 11.2 51.2

Manual Integrations

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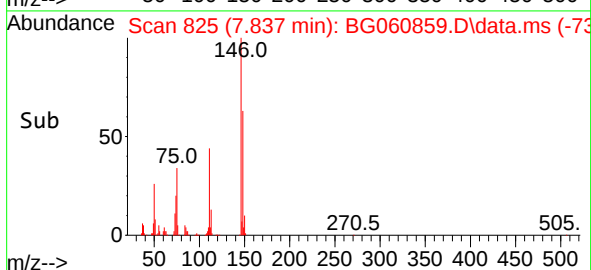
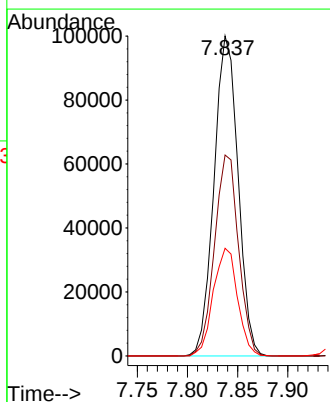
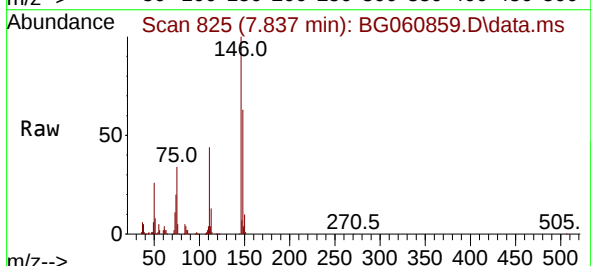
Reviewed By :Yogesh Patel 04/16/2024

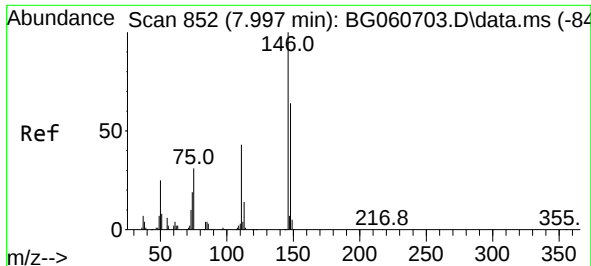
Supervised By :mohammad ahmed 04/17/2024



#12
1,3-Dichlorobenzene
Concen: 44.200 ng
RT: 7.837 min Scan# 825
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Tgt Ion:146 Resp: 166310
Ion Ratio Lower Upper
146 100
148 62.8 53.0 79.4
75 33.7 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 43.842 ng

RT: 7.984 min Scan# 81

Delta R.T. -0.012 min

Lab File: BG060859.D

Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS

Tgt Ion:146 Resp: 168298

Ion Ratio Lower Upper

146 100

148 65.9 51.1 76.7

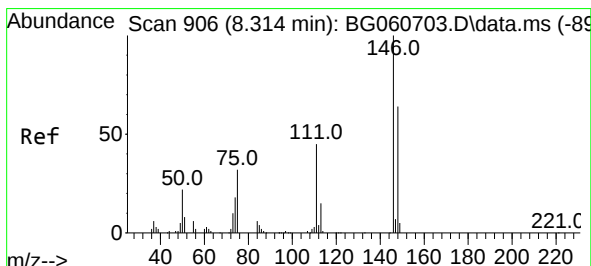
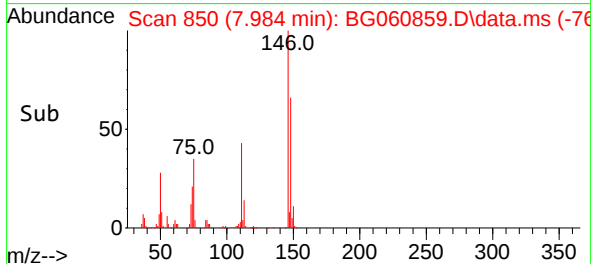
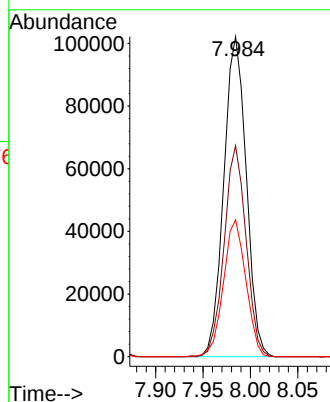
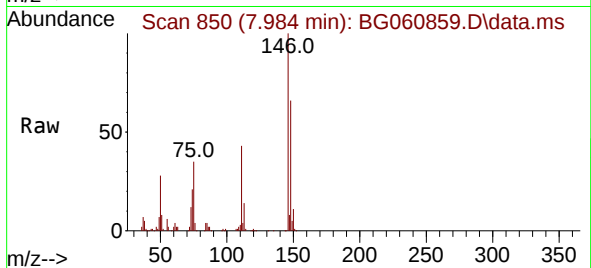
111 42.8 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#14

1,2-Dichlorobenzene

Concen: 43.856 ng

RT: 8.302 min Scan# 904

Delta R.T. -0.012 min

Lab File: BG060859.D

Acq: 11 Apr 2024 14:42

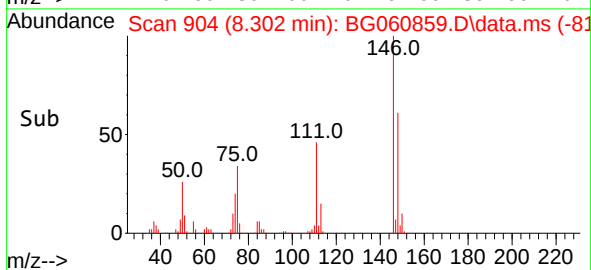
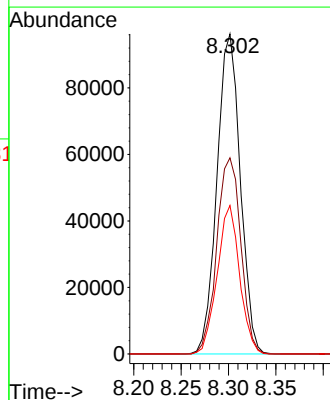
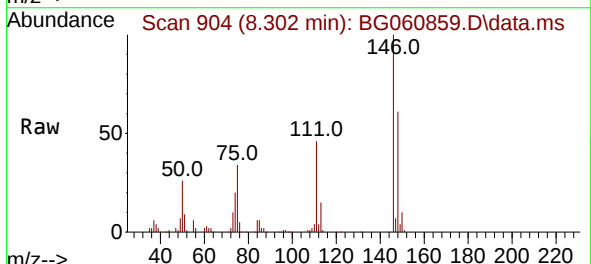
Tgt Ion:146 Resp: 164984

Ion Ratio Lower Upper

146 100

148 61.3 51.0 76.6

111 46.4 36.0 54.0





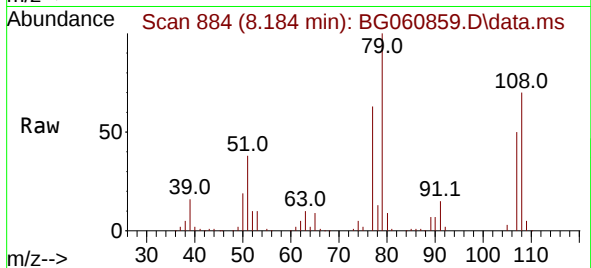
#15
Benzyl Alcohol
Concen: 44.747 ng
RT: 8.184 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

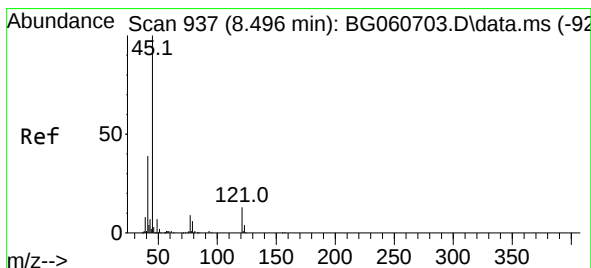
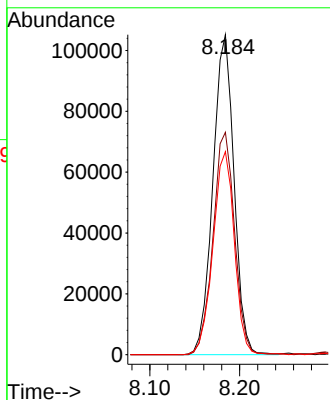
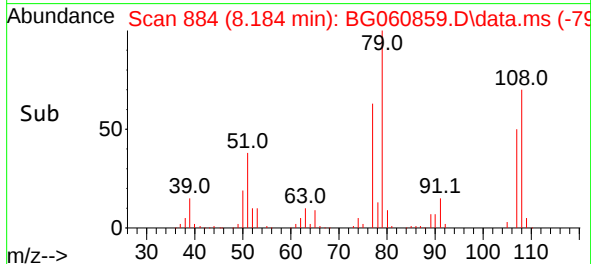
PB160120BS



Tgt Ion: 79 Resp: 171715
Ion Ratio Lower Upper
79 100
108 69.5 61.4 92.0
77 63.5 53.6 80.4

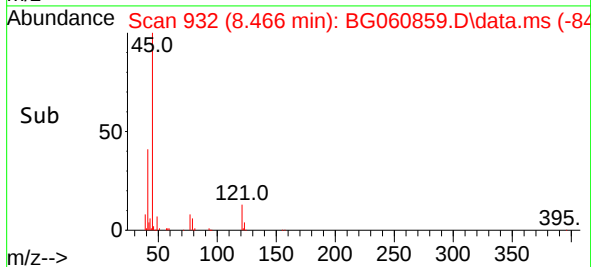
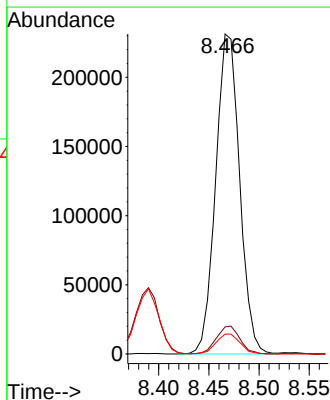
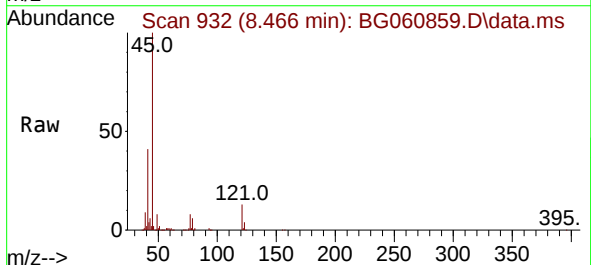
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.509 ng
RT: 8.466 min Scan# 932
Delta R.T. -0.030 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Tgt Ion: 45 Resp: 383285
Ion Ratio Lower Upper
45 100
77 8.4 0.0 29.1
79 6.2 0.0 26.5





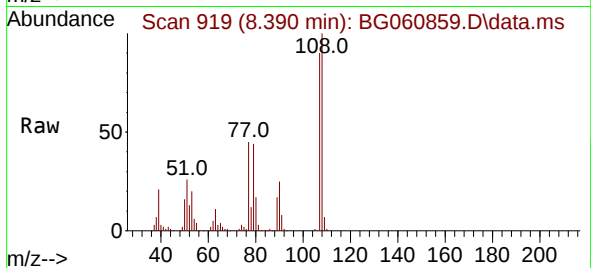
#17
2-Methylphenol
Concen: 42.722 ng
RT: 8.390 min Scan# 919
Delta R.T. -0.001 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS



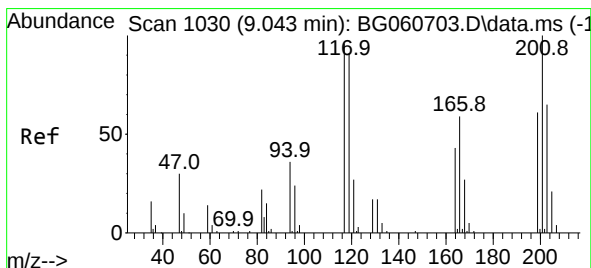
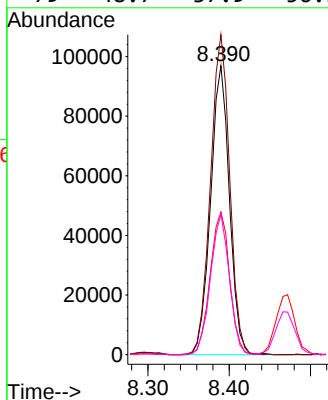
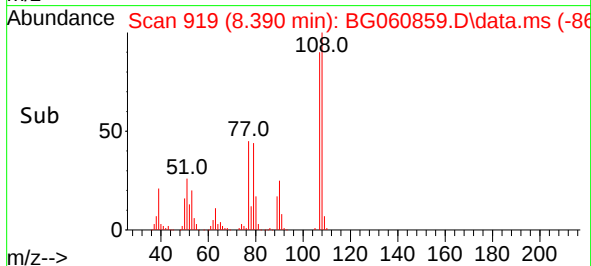
Tgt Ion:107 Resp: 155932
Ion Ratio Lower Upper
107 100
108 110.8 86.4 129.6
77 49.4 38.6 58.0
79 48.7 37.9 56.9

Manual Integrations

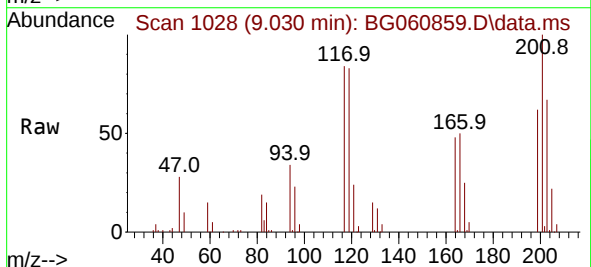
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

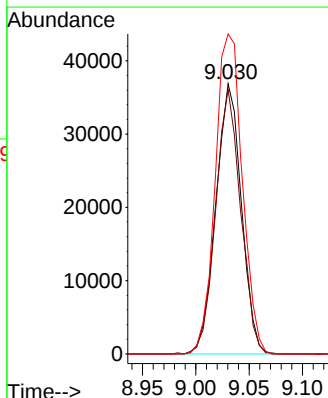
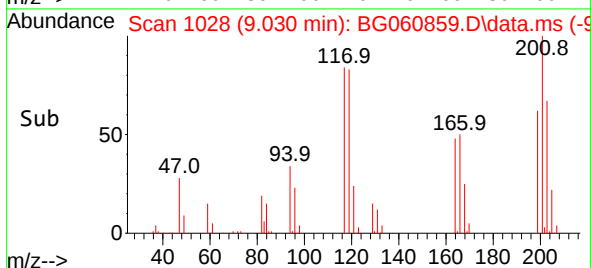
Supervised By :mohammad ahmed 04/17/2024

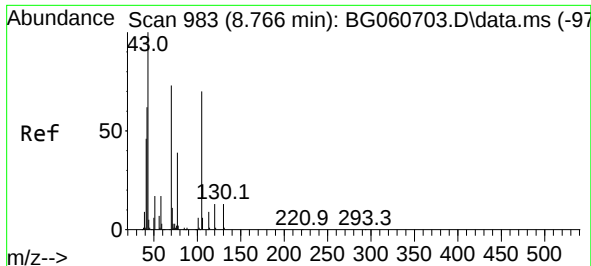


#18
Hexachloroethane
Concen: 44.916 ng
RT: 9.030 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42



Tgt Ion:117 Resp: 61237
Ion Ratio Lower Upper
117 100
119 97.7 75.7 113.5
201 118.4 83.4 125.2





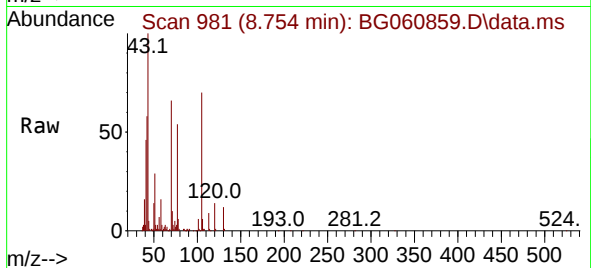
#19
n-Nitroso-di-n-propylamine
Concen: 39.846 ng
RT: 8.754 min Scan# 981
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS



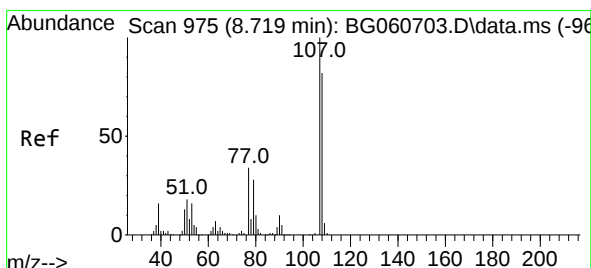
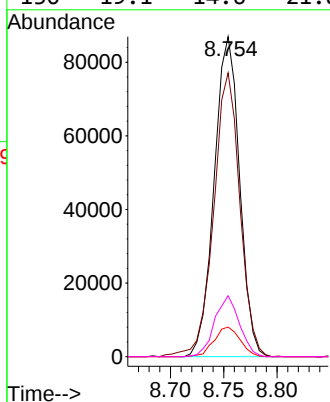
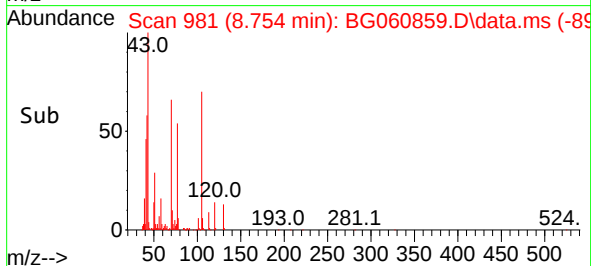
Tgt Ion: 70 Resp: 143954
Ion Ratio Lower Upper
70 100
42 88.7 68.4 102.6
101 9.2 6.1 9.1
130 19.1 14.6 21.8

Manual Integrations

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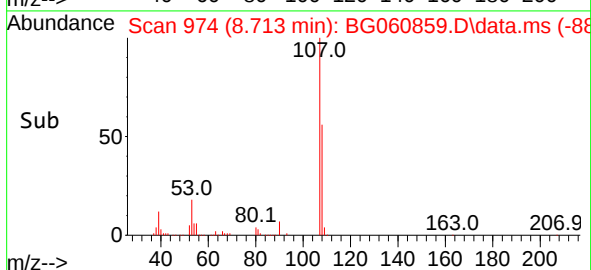
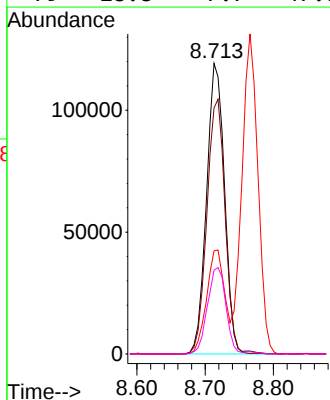
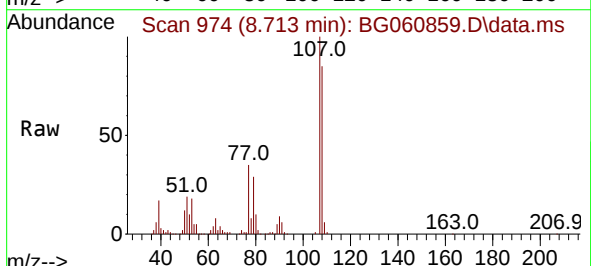
Reviewed By :Yogesh Patel 04/16/2024

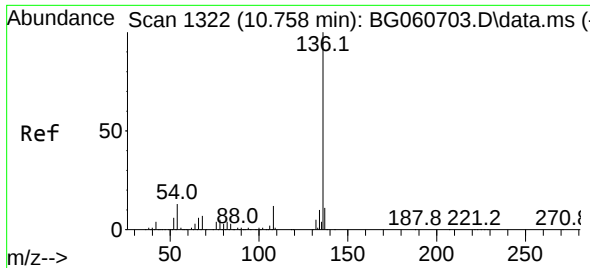
Supervised By :mohammad ahmed 04/17/2024



#20
3+4-Methylphenols
Concen: 43.922 ng
RT: 8.713 min Scan# 974
Delta R.T. -0.006 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Tgt Ion:107 Resp: 219523
Ion Ratio Lower Upper
107 100
108 84.7 62.2 102.2
77 35.4 14.1 54.1
79 28.8 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

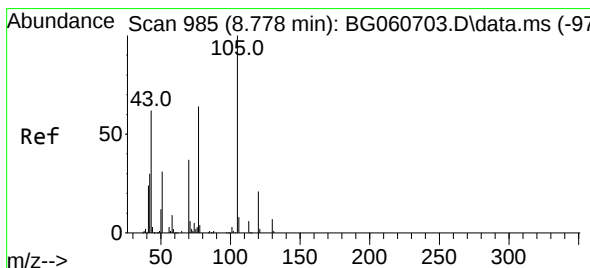
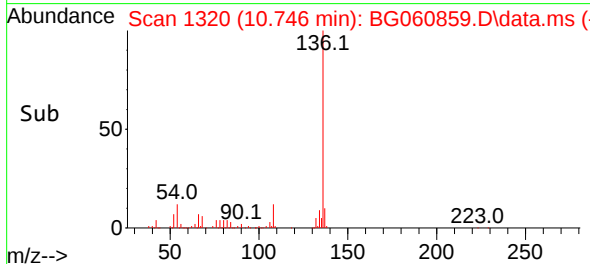
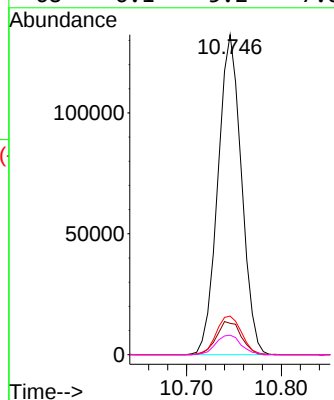
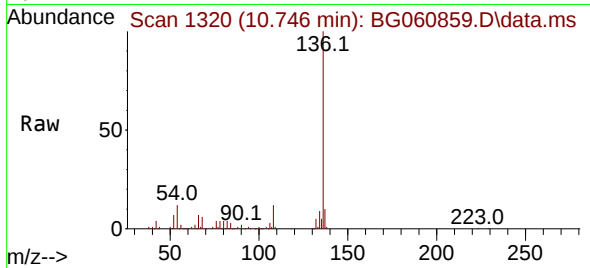
PB160120BS

Tgt Ion:136 Resp: 22832
Ion Ratio Lower Upper
136 100
137 9.8 8.8 13.2
54 12.0 10.2 15.2
68 6.1 5.2 7.8

Manual Integrations

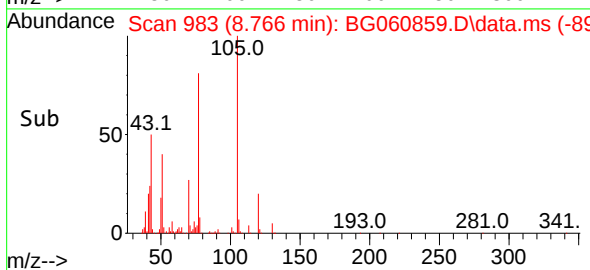
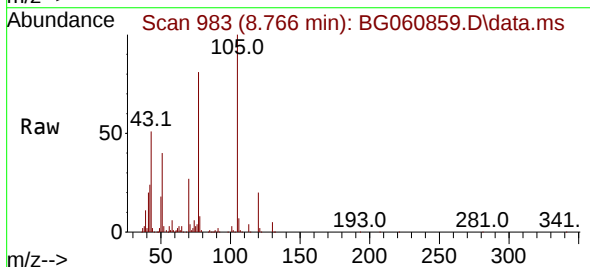
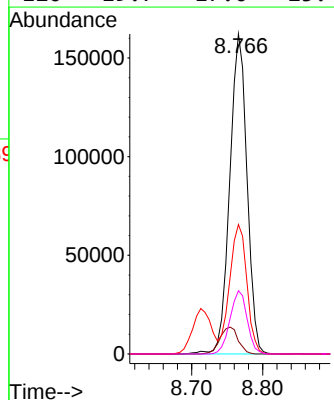
APPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#22
Acetophenone
Concen: 43.374 ng
RT: 8.766 min Scan# 983
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Tgt Ion:105 Resp: 273065
Ion Ratio Lower Upper
105 100
71 4.0 4.9 7.3#
51 40.5 31.1 46.7
120 19.7 17.0 25.4





#23

Nitrobenzene-d5

Concen: 100.167 ng

RT: 9.107 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BG060859.D

Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS

Tgt Ion: 82 Resp: 400798

Ion Ratio Lower Upper

82 100

128 39.6 31.2 46.8

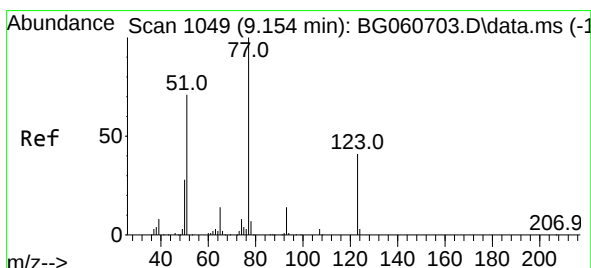
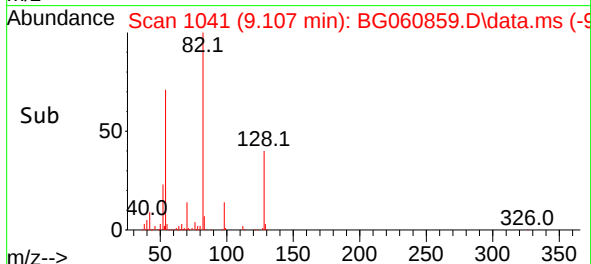
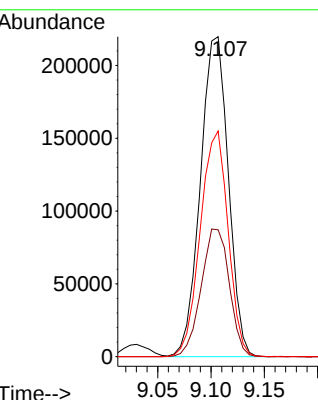
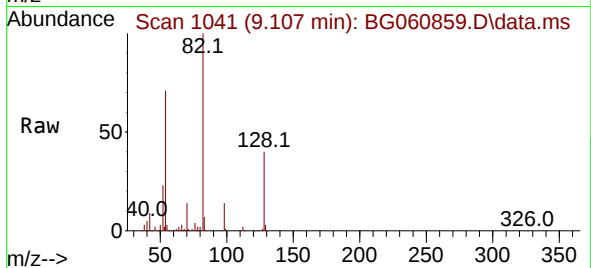
54 70.5 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#24

Nitrobenzene

Concen: 45.684 ng

RT: 9.148 min Scan# 1048

Delta R.T. -0.006 min

Lab File: BG060859.D

Acq: 11 Apr 2024 14:42

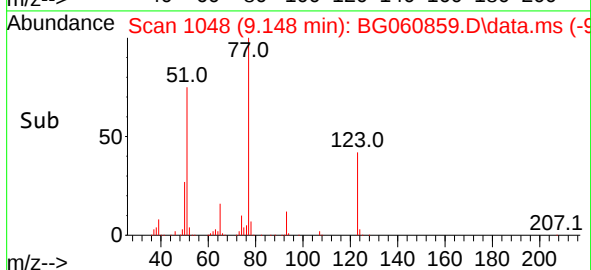
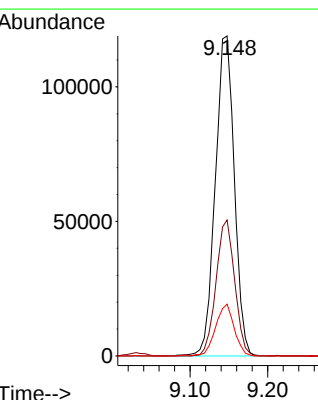
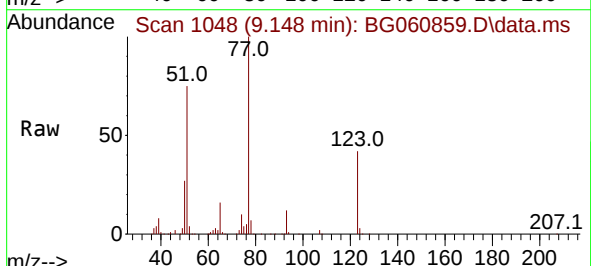
Tgt Ion: 77 Resp: 202843

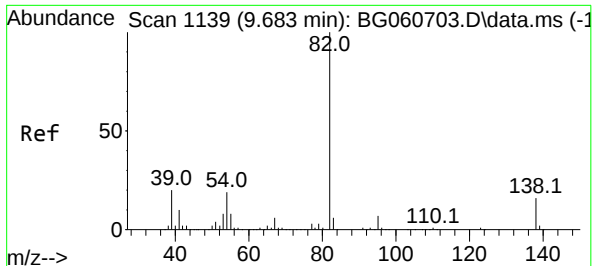
Ion Ratio Lower Upper

77 100

123 42.5 32.7 49.1

65 16.2 11.3 16.9





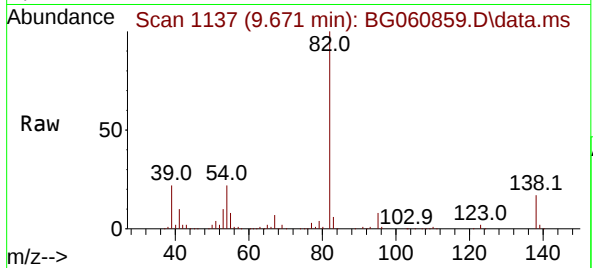
#25
Isophorone
Concen: 41.712 ng
RT: 9.671 min Scan# 1139
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS

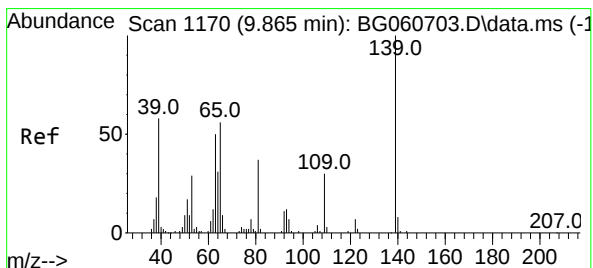
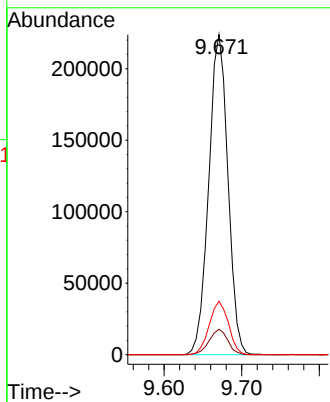
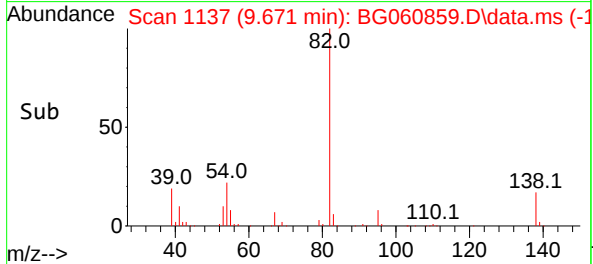


Tgt Ion: 82 Resp: 38442
Ion Ratio Lower Upper
82 100
95 8.0 5.8 8.8
138 16.7 13.0 19.4

Manual Integrations

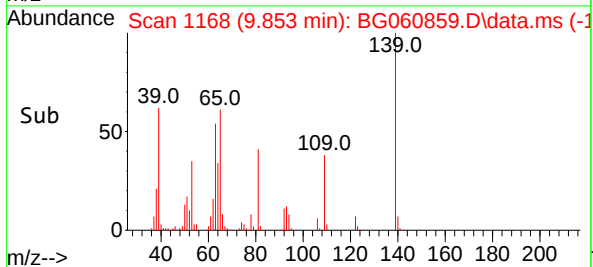
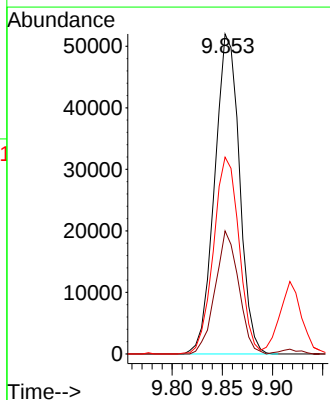
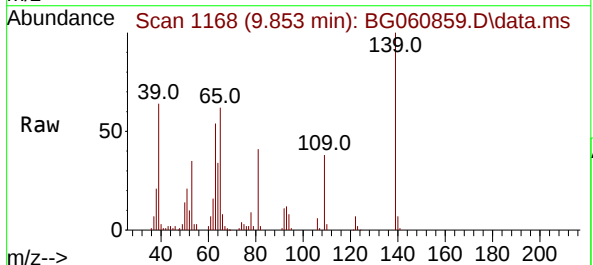
APPROVED

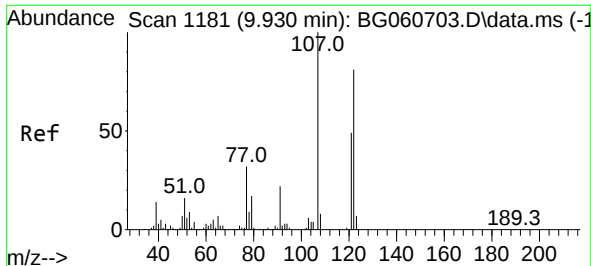
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#26
2-Nitrophenol
Concen: 55.462 ng
RT: 9.853 min Scan# 1168
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Tgt Ion:139 Resp: 89283
Ion Ratio Lower Upper
139 100
109 38.5 23.9 35.9#
65 61.5 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 36.766 ng

RT: 9.917 min Scan# 1181

Delta R.T. -0.013 min

Lab File: BG060859.D

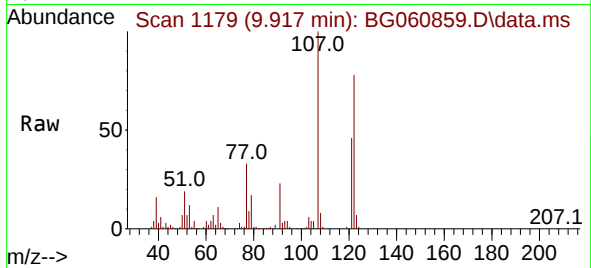
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS



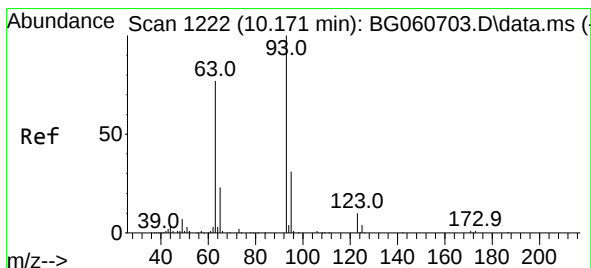
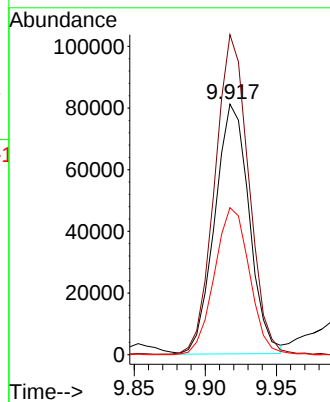
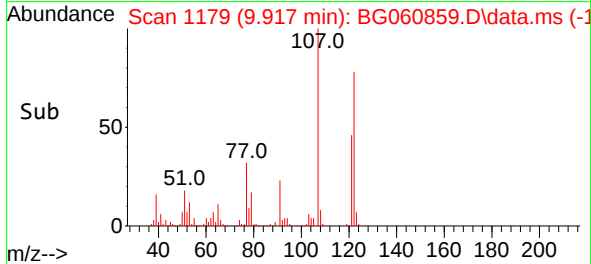
Tgt Ion:	122	Resp:	13611
Ion Ratio	Lower	Upper	
122	100		
107	127.7	98.6	147.8
121	58.7	48.1	72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#28

bis(2-Chloroethoxy)methane

Concen: 42.119 ng

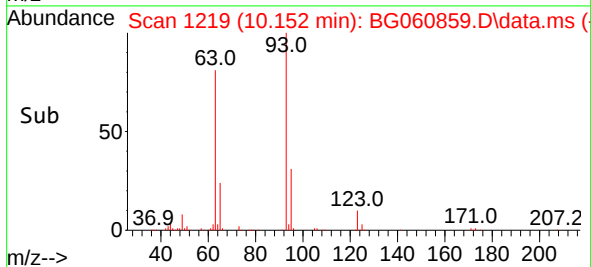
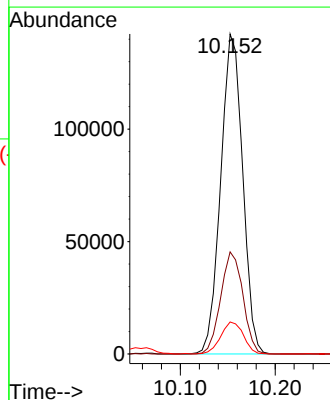
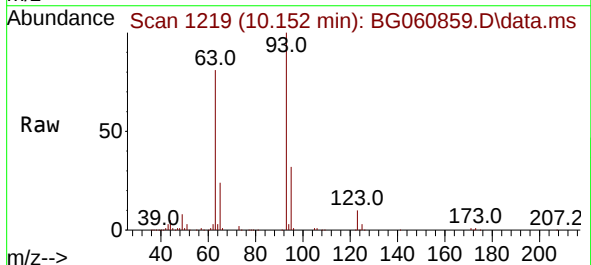
RT: 10.152 min Scan# 1219

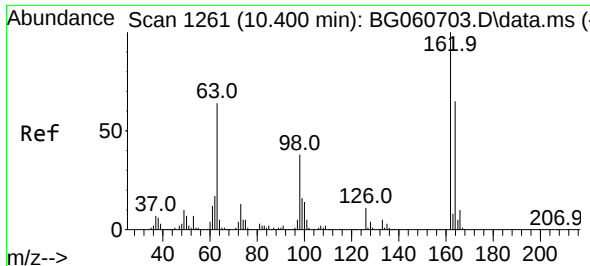
Delta R.T. -0.018 min

Lab File: BG060859.D

Acq: 11 Apr 2024 14:42

Tgt Ion:	93	Resp:	229171
Ion Ratio	Lower	Upper	
93	100		
95	31.9	25.1	37.7
123	10.0	8.0	12.0





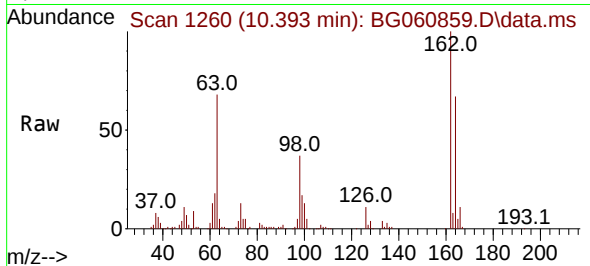
#29
2,4-Dichlorophenol
Concen: 53.949 ng
RT: 10.393 min Scan# 1260
Delta R.T. -0.007 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS

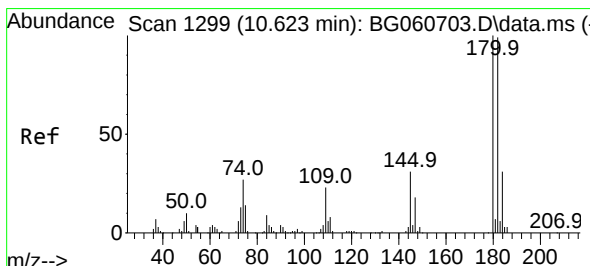
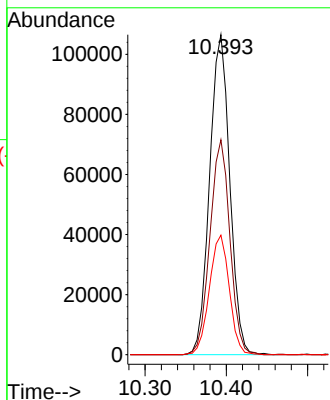
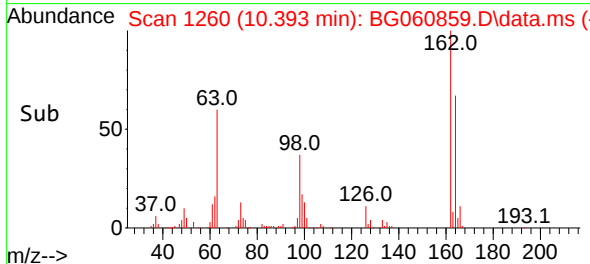


Tgt Ion:162 Resp: 183400
Ion Ratio Lower Upper
162 100
164 67.2 45.2 85.2
98 37.3 17.7 57.7

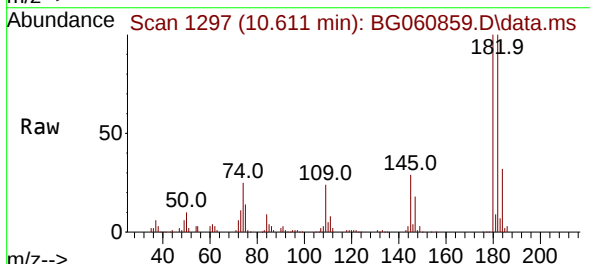
Manual Integrations

APPROVED

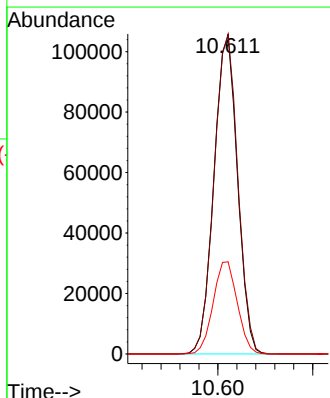
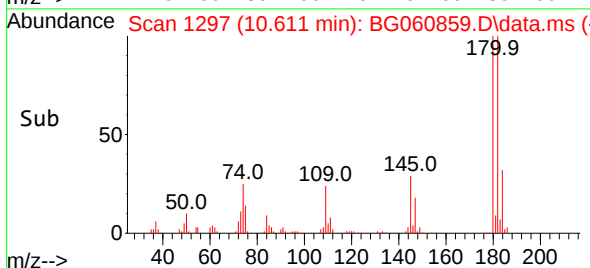
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

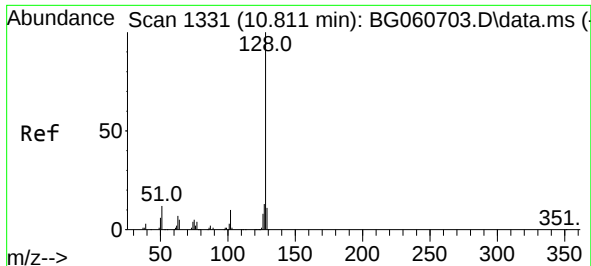


#30
1,2,4-Trichlorobenzene
Concen: 47.271 ng
RT: 10.611 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42



Tgt Ion:180 Resp: 181969
Ion Ratio Lower Upper
180 100
182 100.4 79.0 118.4
145 28.9 24.9 37.3





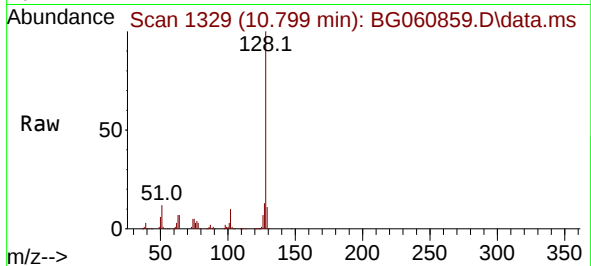
#31
Naphthalene
Concen: 42.809 ng
RT: 10.799 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS



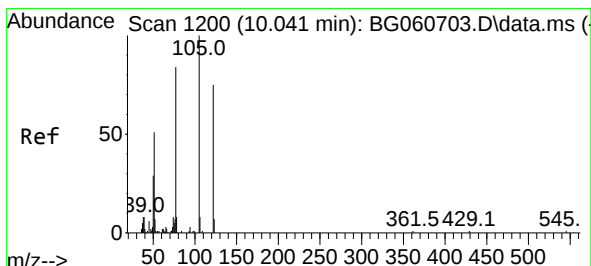
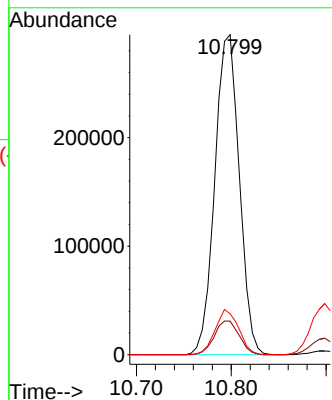
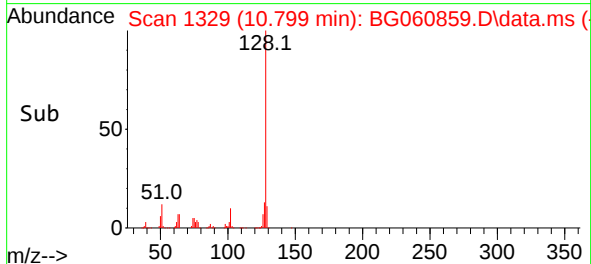
Tgt Ion:128 Resp: 528724
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 12.7 10.5 15.7

Manual Integrations

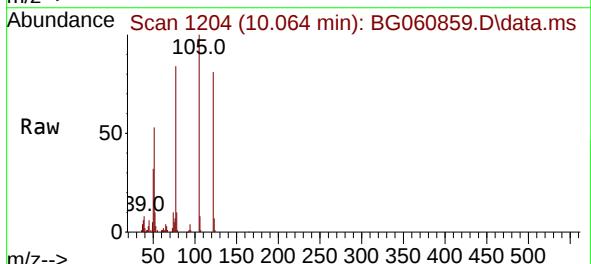
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

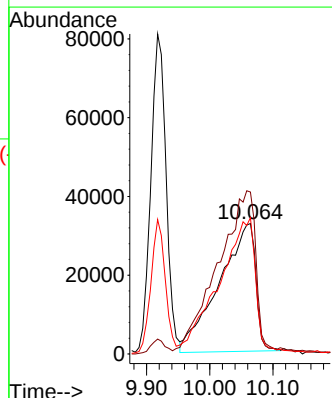
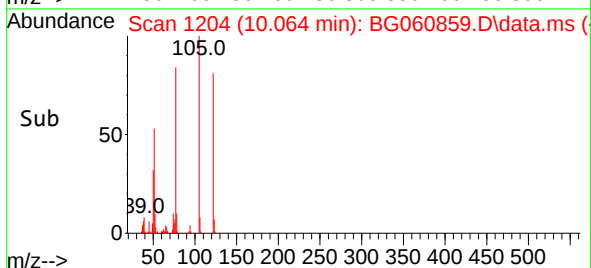
Supervised By :mohammad ahmed 04/17/2024

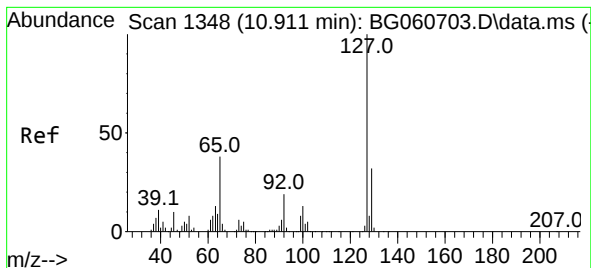


#32
Benzoic acid
Concen: 52.065 ng
RT: 10.064 min Scan# 1204
Delta R.T. 0.023 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42



Tgt Ion:122 Resp: 129905
Ion Ratio Lower Upper
122 100
105 124.1 104.5 144.5
77 104.5 85.3 125.3





#33
4-Chloroaniline
Concen: 15.281 ng
RT: 10.899 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

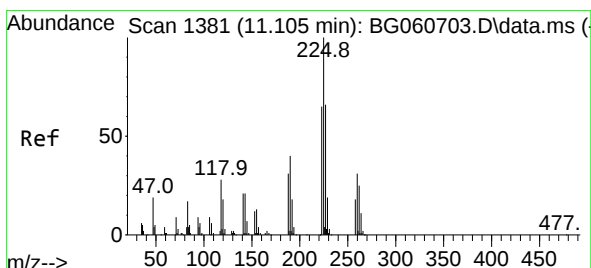
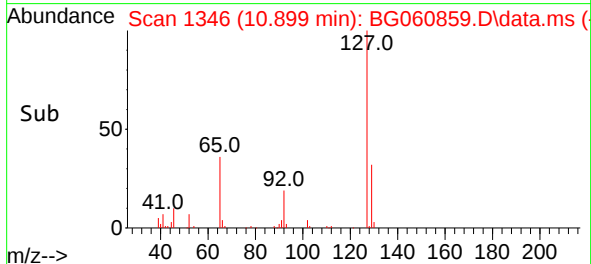
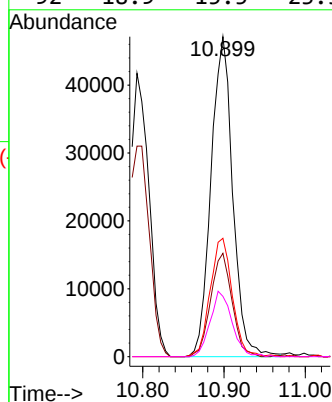
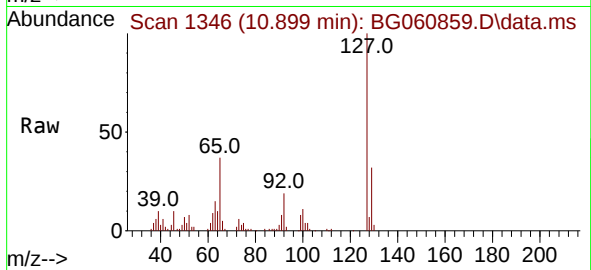
PB160120BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.3	37.9
65	37.0	30.2	45.2
92	18.9	15.5	23.3

Manual Integrations

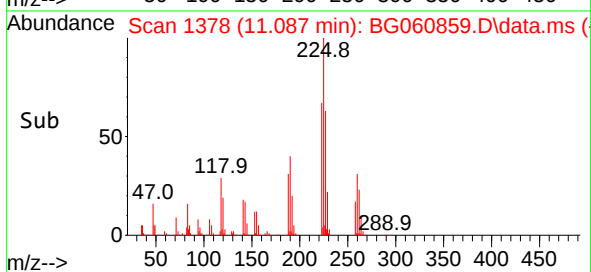
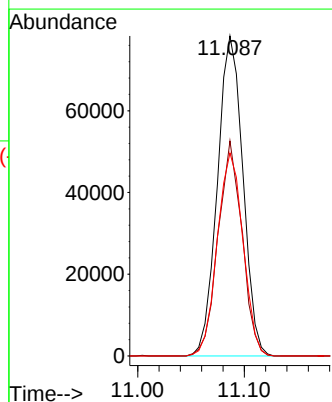
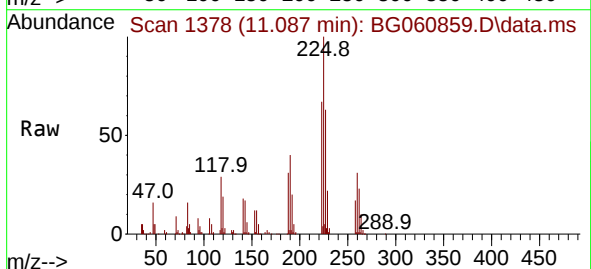
APPROVED

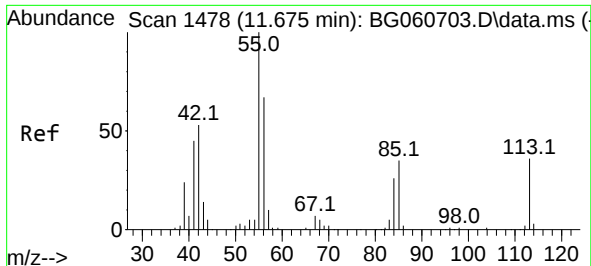
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#34
Hexachlorobutadiene
Concen: 50.673 ng
RT: 11.087 min Scan# 1378
Delta R.T. -0.018 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.2	52.0	78.0
227	63.5	52.5	78.7





#35
Caprolactam
Concen: 46.198 ng m
RT: 11.668 min Scan# 1477
Delta R.T. -0.006 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

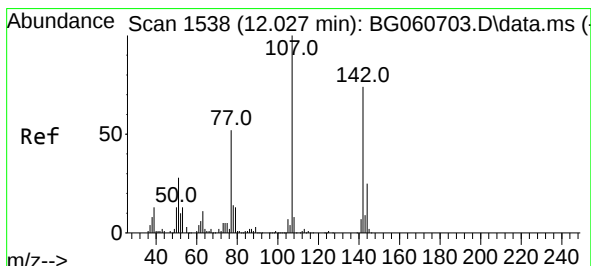
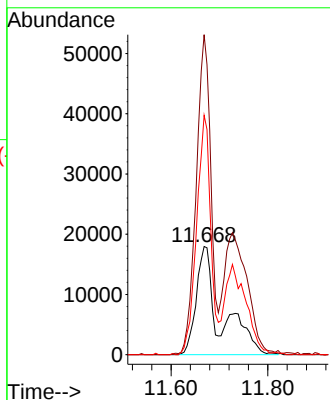
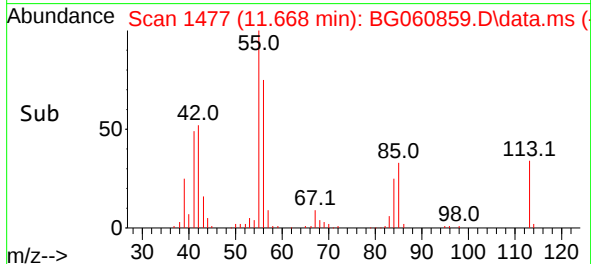
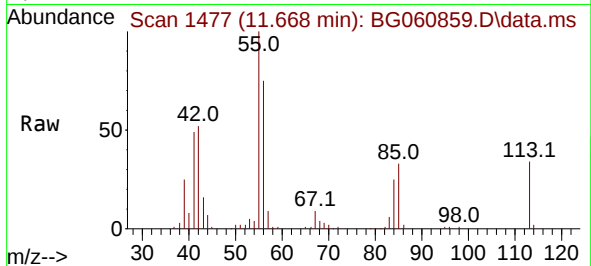
PB160120BS

Tgt Ion:113 Resp: 6220
Ion Ratio Lower Upper
113 100
55 295.8 258.0 298.0
56 221.2 166.3 206.3

Manual Integrations

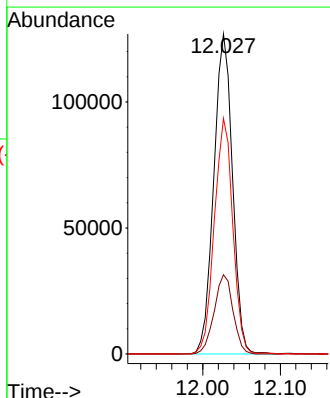
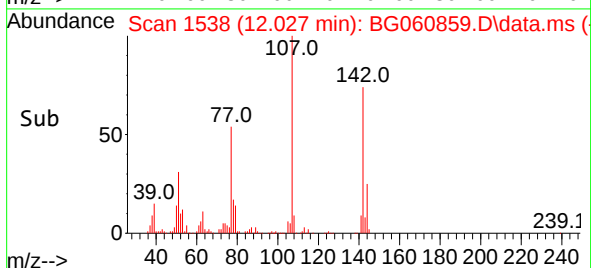
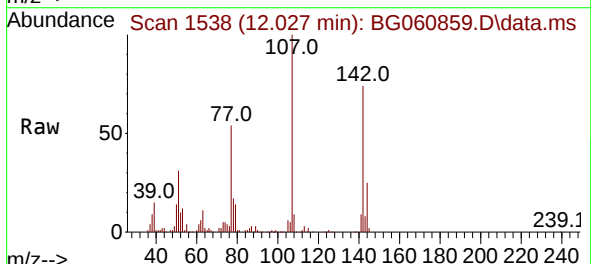
APPROVED

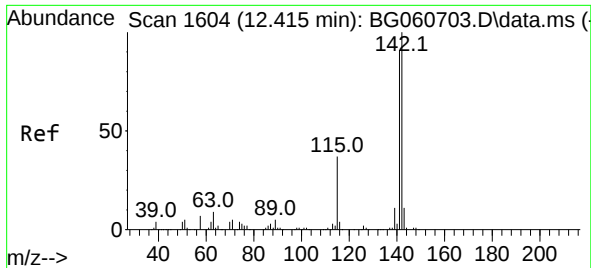
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#36
4-Chloro-3-methylphenol
Concen: 49.066 ng
RT: 12.027 min Scan# 1538
Delta R.T. -0.001 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Tgt Ion:107 Resp: 213086
Ion Ratio Lower Upper
107 100
144 24.7 20.0 30.0
142 73.6 59.2 88.8





#37
2-Methylnaphthalene
Concen: 42.189 ng
RT: 12.403 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

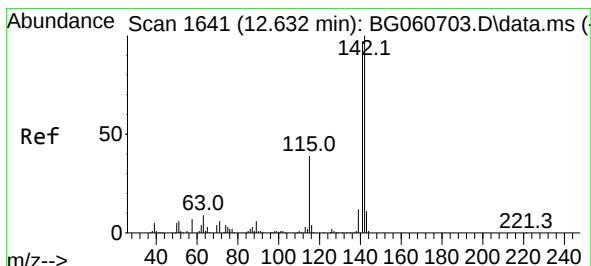
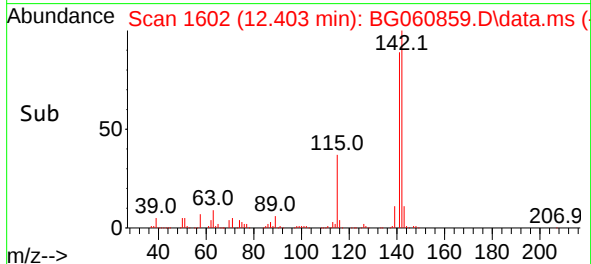
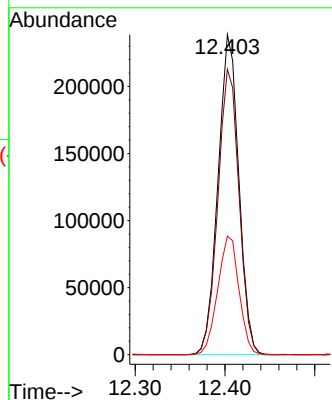
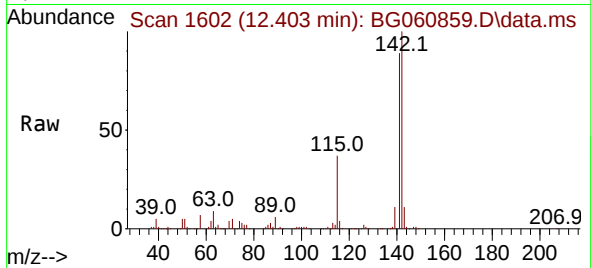
ClientSampleId :

PB160120BS

Tgt Ion:142 Resp: 38308
Ion Ratio Lower Upper
142 100
141 89.2 72.7 109.1
115 37.0 29.9 44.9

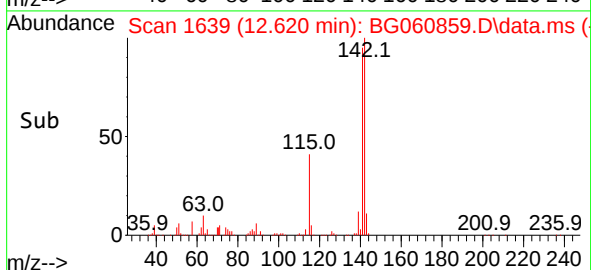
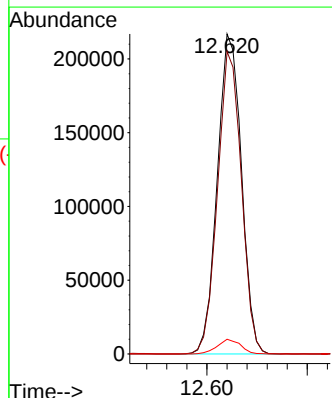
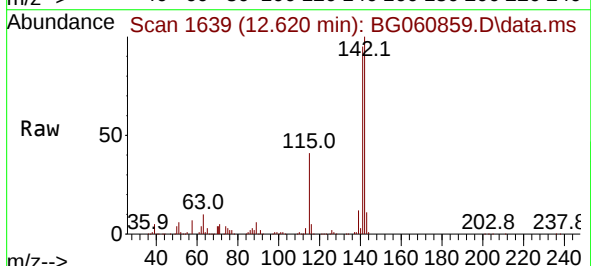
Manual Integrations
APPROVED

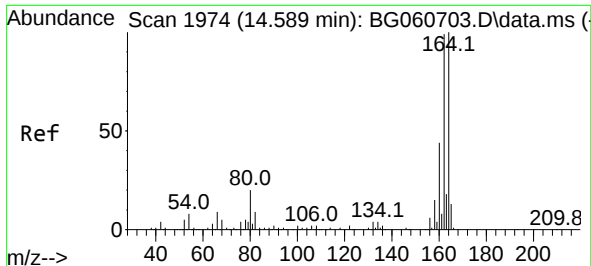
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#38
1-Methylnaphthalene
Concen: 42.111 ng
RT: 12.620 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Tgt Ion:142 Resp: 361228
Ion Ratio Lower Upper
142 100
141 94.5 77.7 116.5
116 4.6 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

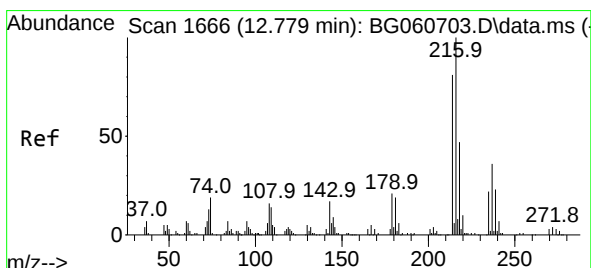
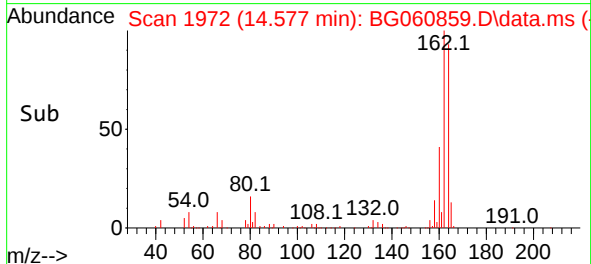
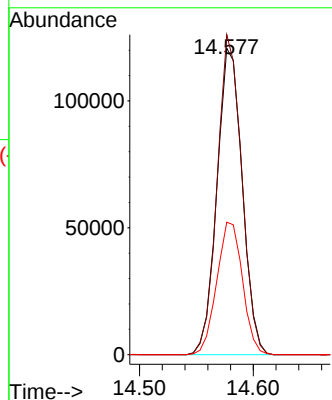
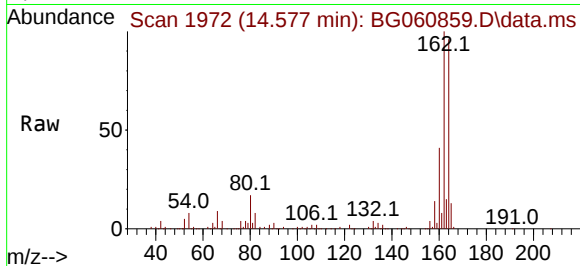
PB160120BS

Tgt Ion:164 Resp: 18672
Ion Ratio Lower Upper
164 100
162 104.4 79.5 119.3
160 43.2 35.4 53.0

Manual Integrations

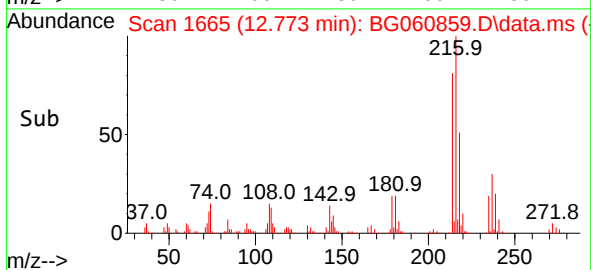
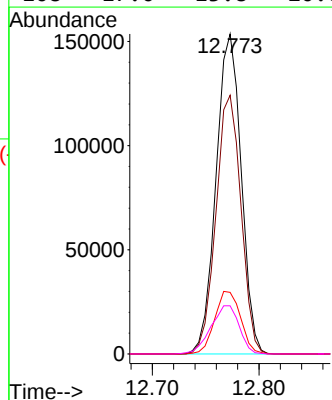
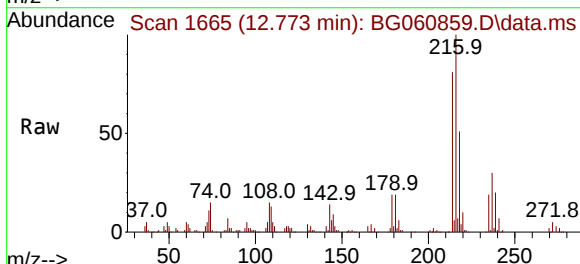
APPROVED

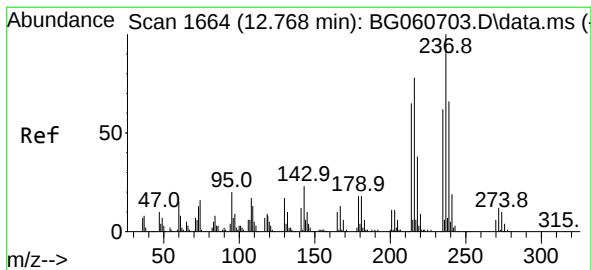
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.817 ng
RT: 12.773 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Tgt Ion:216 Resp: 251313
Ion Ratio Lower Upper
216 100
214 80.5 63.1 94.7
179 20.1 16.7 25.1
108 17.0 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 109.223 ng
RT: 12.755 min Scan# 10
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

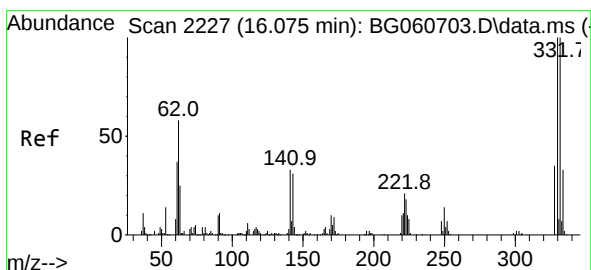
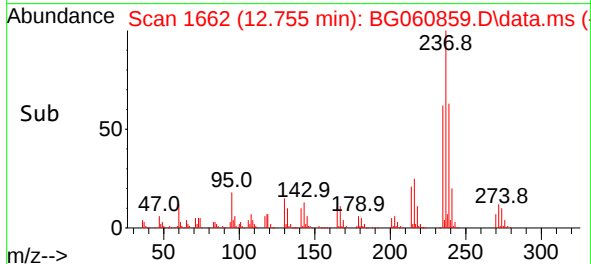
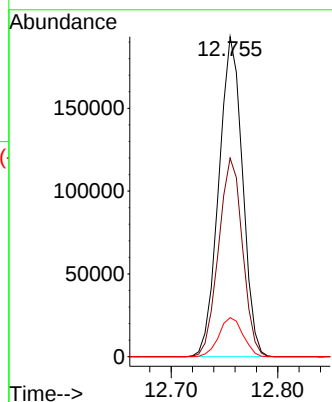
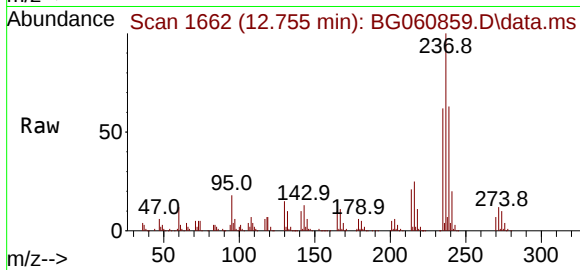
PB160120BS

Tgt Ion:237 Resp: 298120
Ion Ratio Lower Upper
237 100
235 62.1 42.0 82.0
272 12.2 0.0 32.4

Manual Integrations

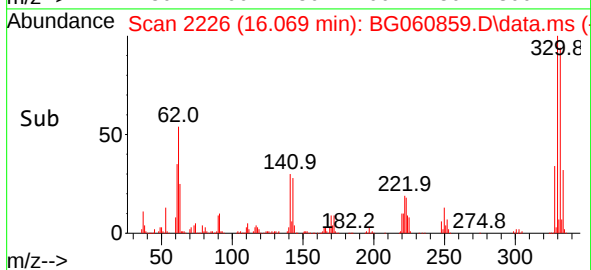
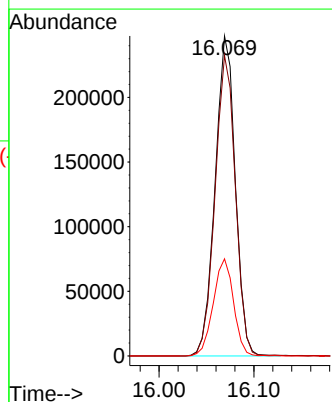
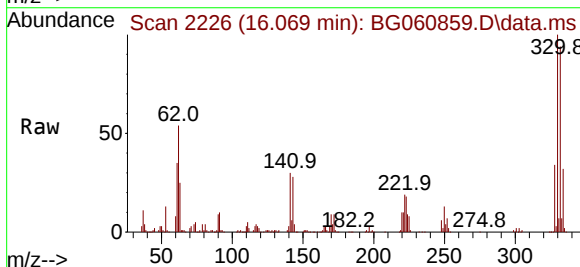
APPROVED

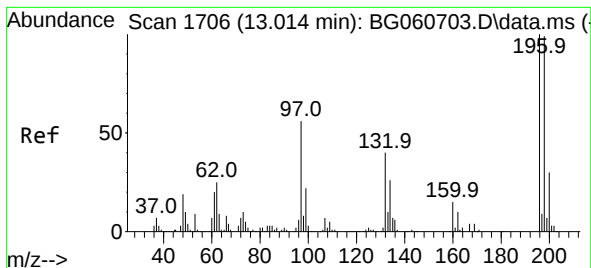
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#42
2,4,6-Tribromophenol
Concen: 172.529 ng
RT: 16.069 min Scan# 2226
Delta R.T. -0.006 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Tgt Ion:330 Resp: 365691
Ion Ratio Lower Upper
330 100
332 94.8 78.2 117.4
141 30.6 27.0 40.6





#43
2,4,6-Trichlorophenol
Concen: 52.507 ng
RT: 13.014 min Scan# 1706
Delta R.T. -0.001 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

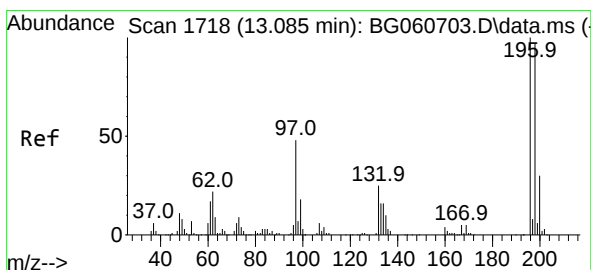
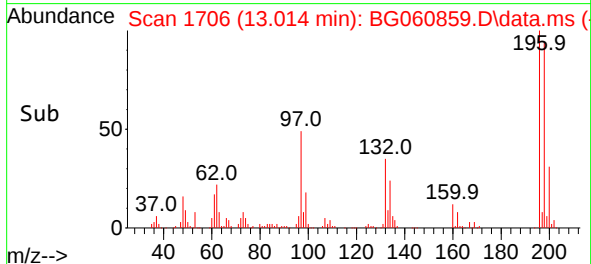
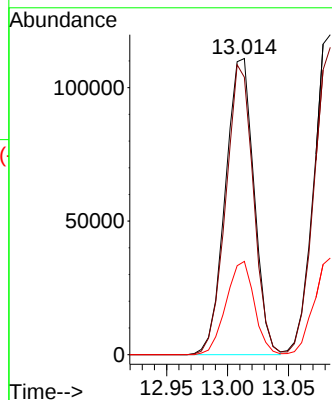
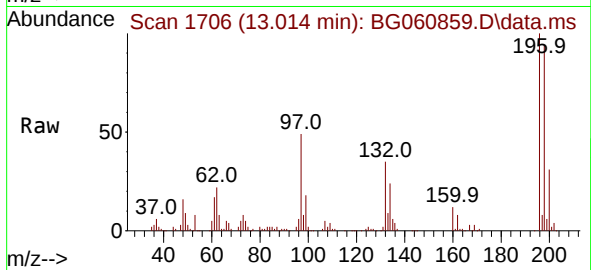
PB160120BS

Tgt Ion:196 Resp: 18149
Ion Ratio Lower Upper
196 100
198 93.7 79.1 118.7
200 31.5 24.0 36.0

Manual Integrations

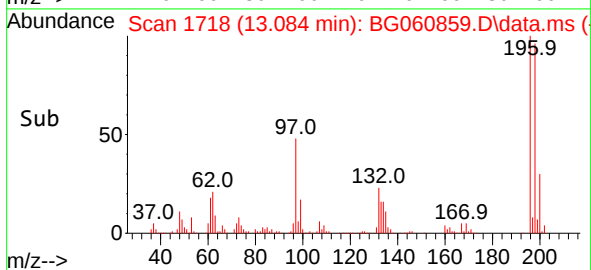
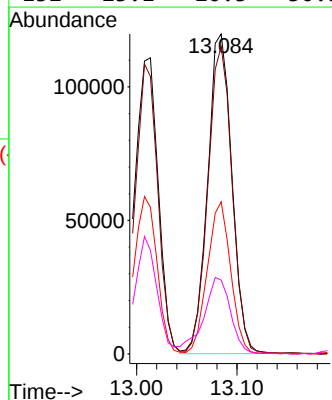
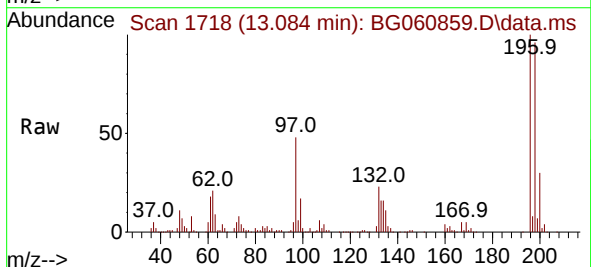
APPROVED

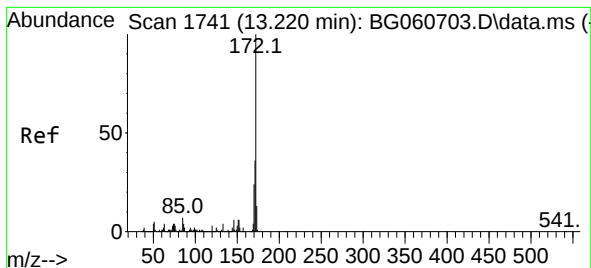
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#44
2,4,5-Trichlorophenol
Concen: 48.914 ng
RT: 13.084 min Scan# 1718
Delta R.T. -0.001 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Tgt Ion:196 Resp: 201768
Ion Ratio Lower Upper
196 100
198 96.0 77.8 116.8
97 47.5 38.2 57.4
132 23.1 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 84.229 ng

RT: 13.208 min Scan# 1739

Delta R.T. -0.012 min

Lab File: BG060859.D

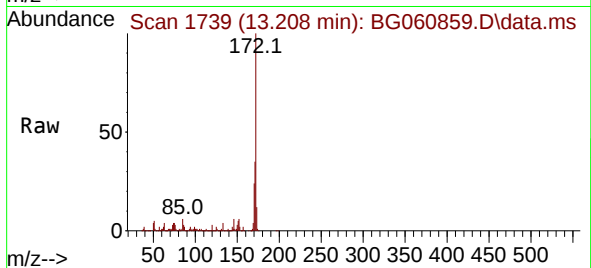
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS



Tgt Ion:172 Resp: 107161

Ion Ratio Lower Upper

172 100

171 35.1 28.7 43.1

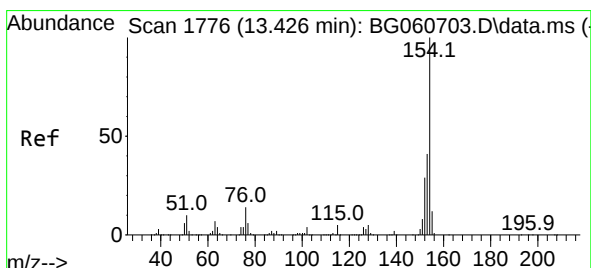
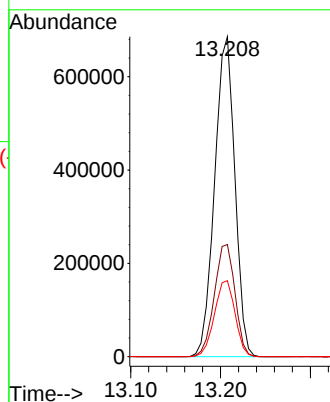
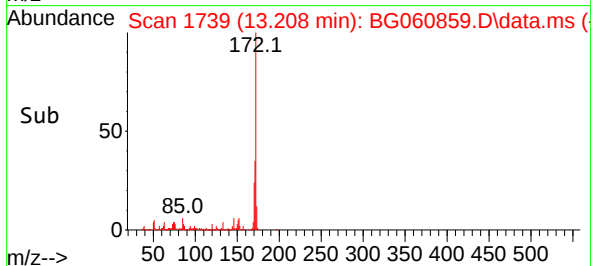
170 23.8 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#46

1,1'-Biphenyl

Concen: 42.480 ng

RT: 13.413 min Scan# 1774

Delta R.T. -0.012 min

Lab File: BG060859.D

Acq: 11 Apr 2024 14:42

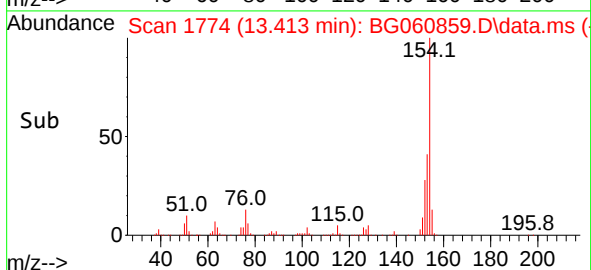
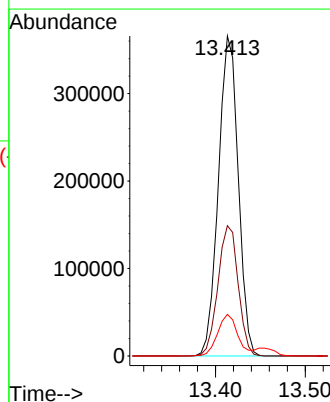
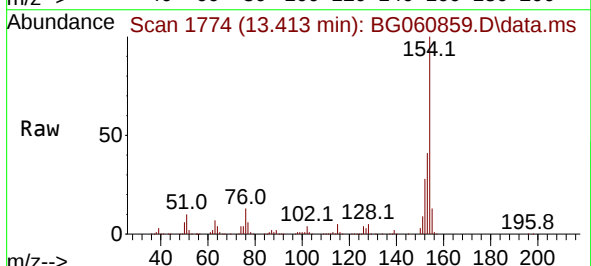
Tgt Ion:154 Resp: 560258

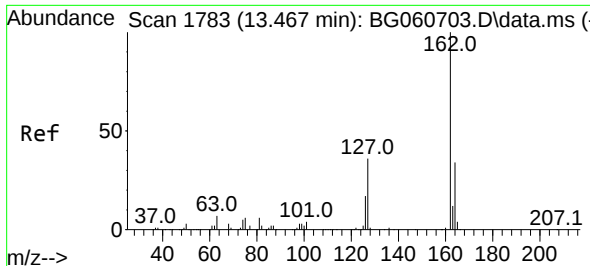
Ion Ratio Lower Upper

154 100

153 40.7 20.8 60.8

76 13.0 0.0 33.9





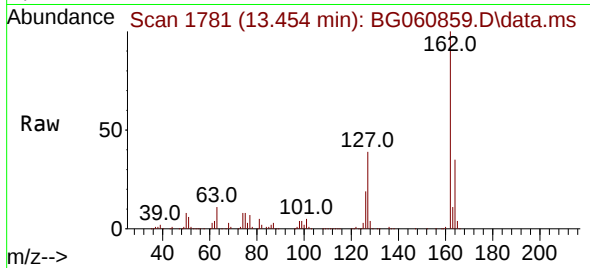
#47
2-Chloronaphthalene
Concen: 44.250 ng
RT: 13.454 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS

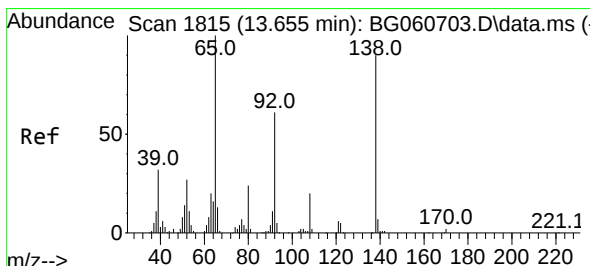
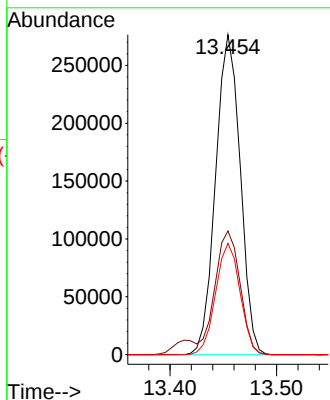
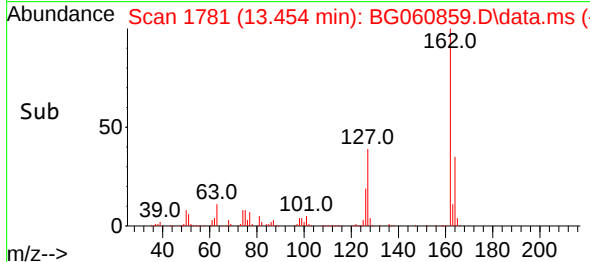


Tgt Ion:162 Resp: 443409
Ion Ratio Lower Upper
162 100
127 38.7 30.6 46.0
164 34.8 26.9 40.3

Manual Integrations

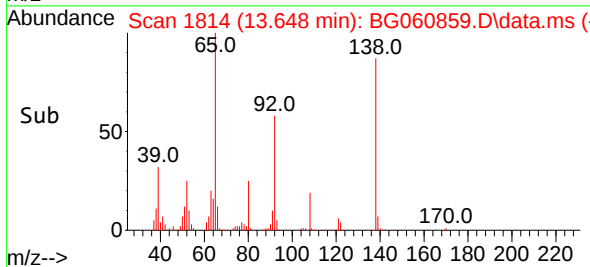
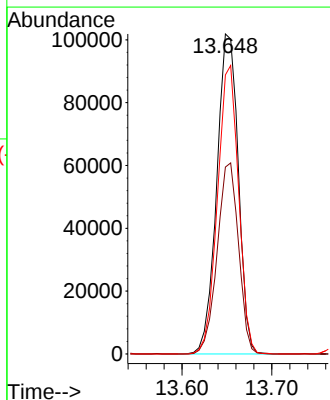
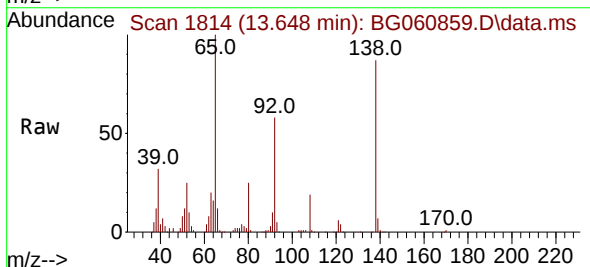
APPROVED

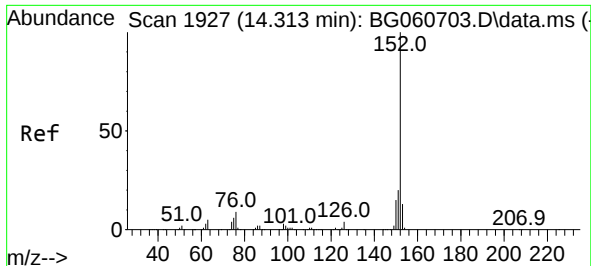
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#48
2-Nitroaniline
Concen: 51.547 ng
RT: 13.648 min Scan# 1814
Delta R.T. -0.007 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Tgt Ion: 65 Resp: 169618
Ion Ratio Lower Upper
65 100
92 58.4 48.6 72.8
138 87.2 72.2 108.4





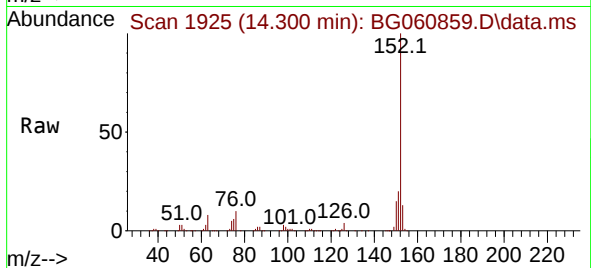
#49
Acenaphthylene
Concen: 44.479 ng
RT: 14.300 min Scan# 1927
Delta R.T. -0.013 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS



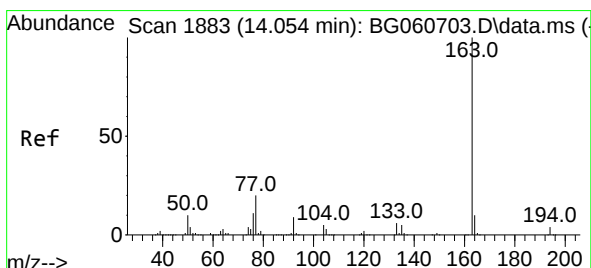
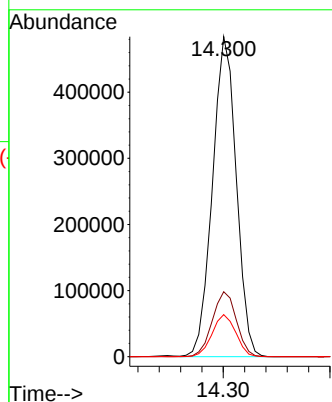
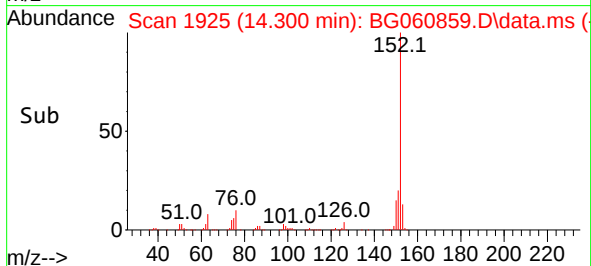
Tgt Ion:152 Resp: 748880
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.1 10.5 15.7

Manual Integrations

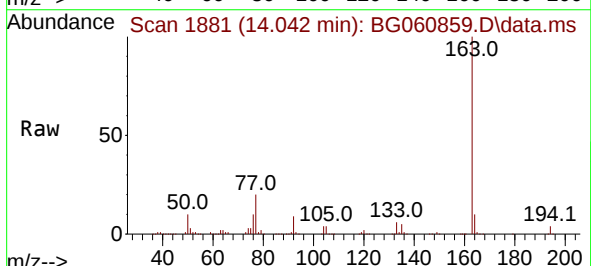
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

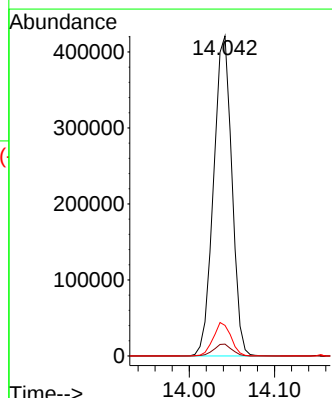
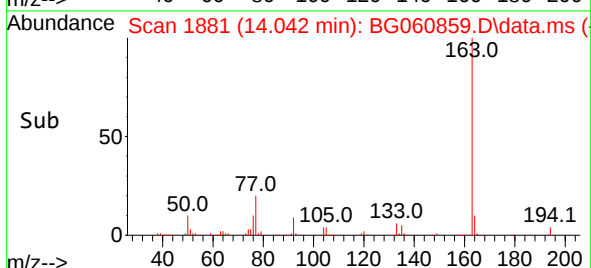
Supervised By :mohammad ahmed 04/17/2024

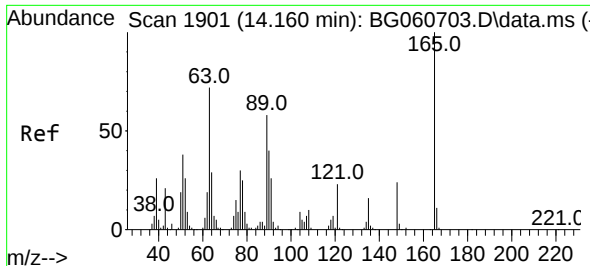


#50
Dimethylphthalate
Concen: 42.428 ng
RT: 14.042 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42



Tgt Ion:163 Resp: 626184
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.6 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 48.580 ng
RT: 14.154 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

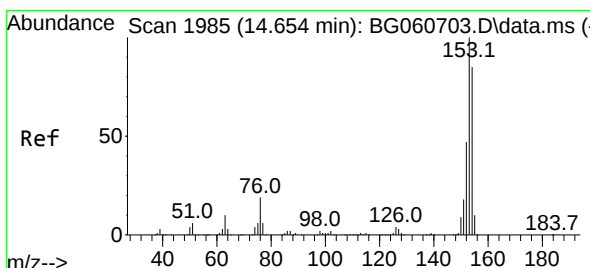
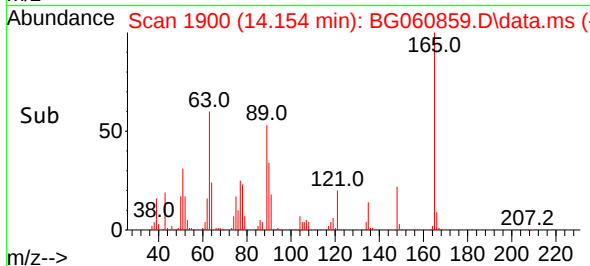
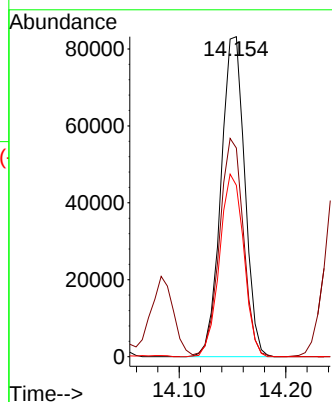
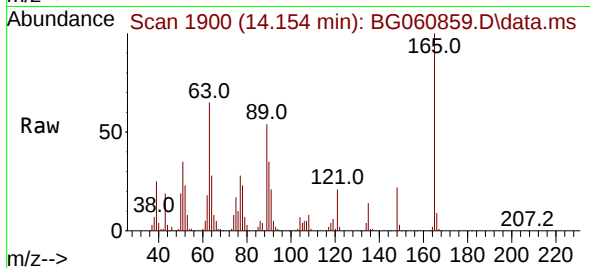
ClientSampleId :

PB160120BS

Tgt Ion:165 Resp: 128490
Ion Ratio Lower Upper
165 100
63 65.2 58.2 87.4
89 53.5 46.1 69.1

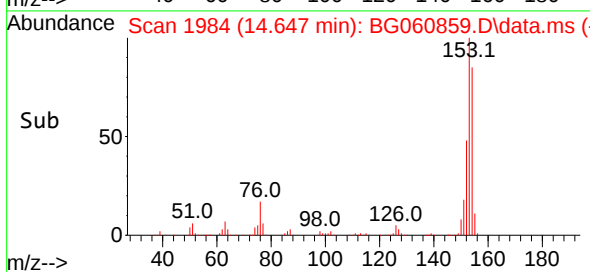
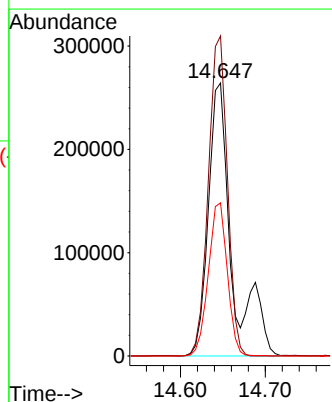
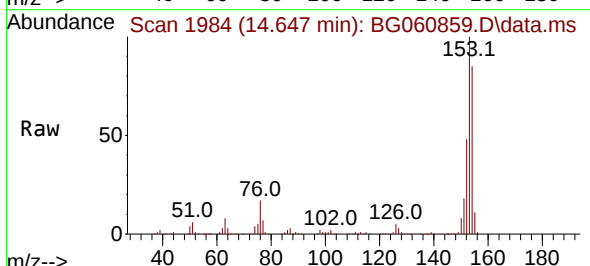
Manual Integrations
APPROVED

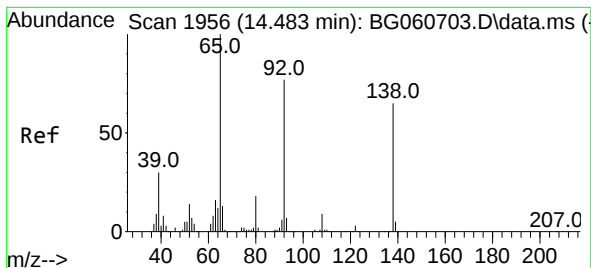
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#52
Acenaphthene
Concen: 48.035 ng m
RT: 14.647 min Scan# 1984
Delta R.T. -0.007 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Tgt Ion:154 Resp: 507790
Ion Ratio Lower Upper
154 100
153 117.2 93.9 140.9
152 56.1 44.1 66.1





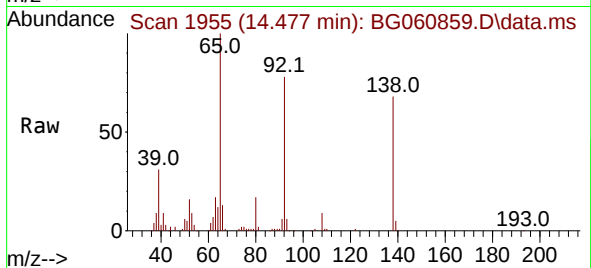
#53
3-Nitroaniline
Concen: 29.881 ng
RT: 14.477 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS



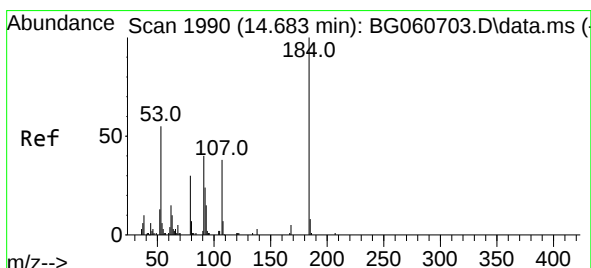
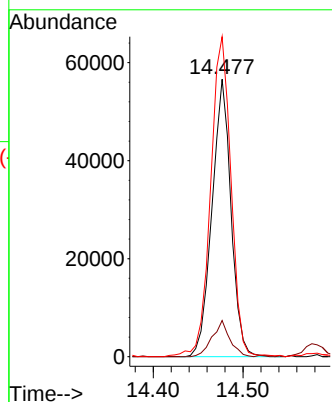
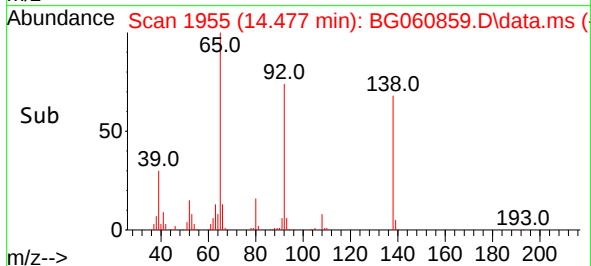
Tgt Ion:138 Resp: 83302
Ion Ratio Lower Upper
138 100
108 13.0 11.3 16.9
92 115.3 94.1 141.1

Manual Integrations

APPROVED

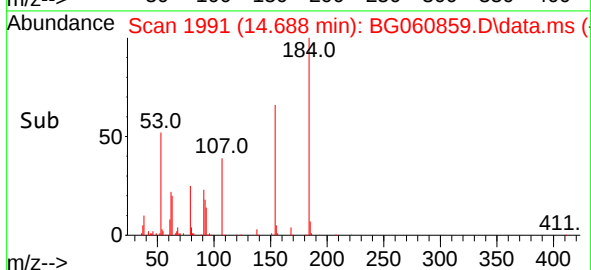
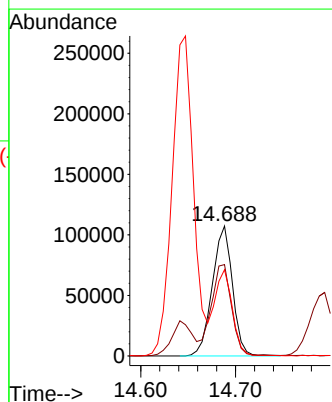
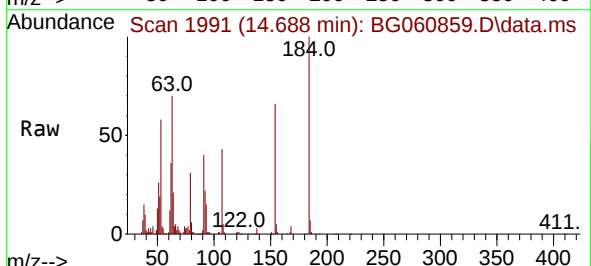
Reviewed By :Yogesh Patel 04/16/2024

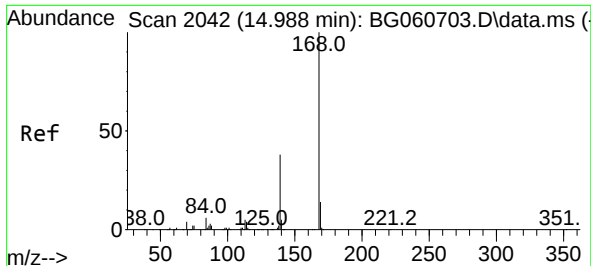
Supervised By :mohammad ahmed 04/17/2024



#54
2,4-Dinitrophenol
Concen: 154.206 ng
RT: 14.688 min Scan# 1991
Delta R.T. 0.005 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Tgt Ion:184 Resp: 158414
Ion Ratio Lower Upper
184 100
63 70.3 51.3 76.9
154 66.5 59.9 89.9





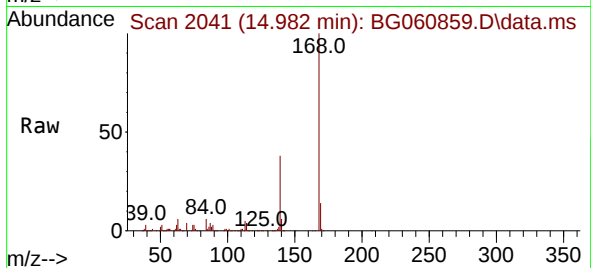
#55
Dibenzenofuran
Concen: 41.748 ng
RT: 14.982 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS



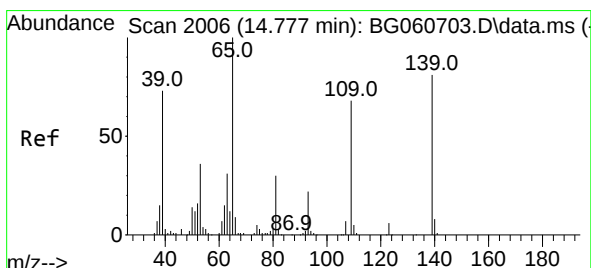
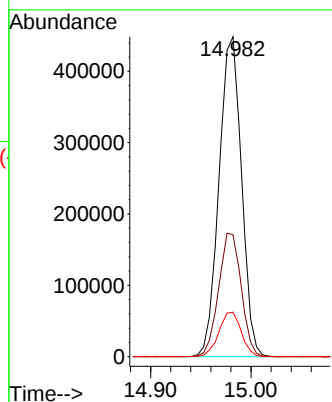
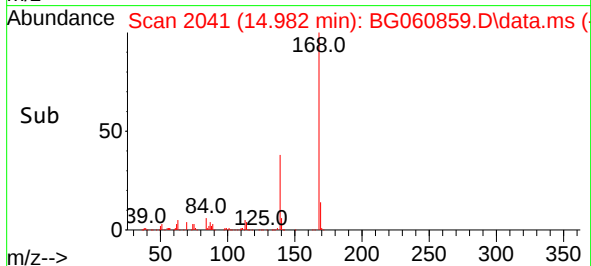
Tgt Ion:168 Resp: 696120
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1
169 13.9 11.0 16.4

Manual Integrations

APPROVED

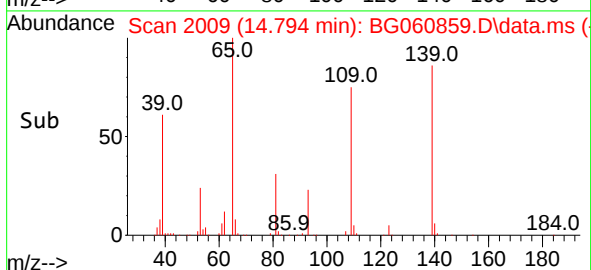
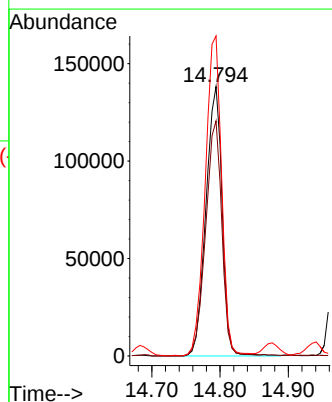
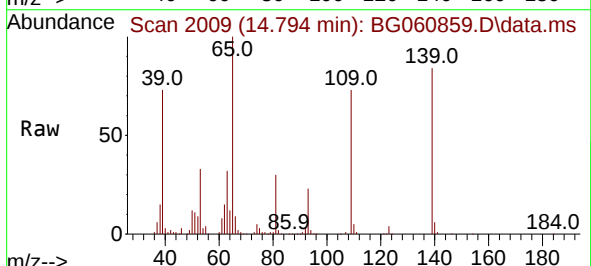
Reviewed By :Yogesh Patel 04/16/2024

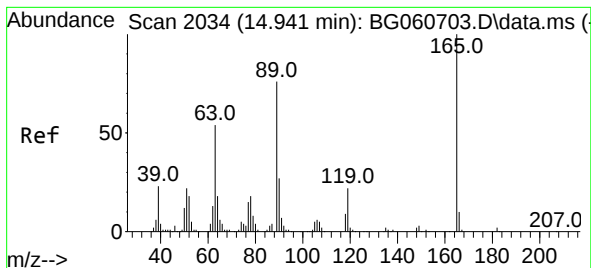
Supervised By :mohammad ahmed 04/17/2024



#56
4-Nitrophenol
Concen: 105.636 ng
RT: 14.794 min Scan# 2009
Delta R.T. 0.017 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Tgt Ion:139 Resp: 227914
Ion Ratio Lower Upper
139 100
109 87.2 64.0 104.0
65 118.7 104.3 144.3





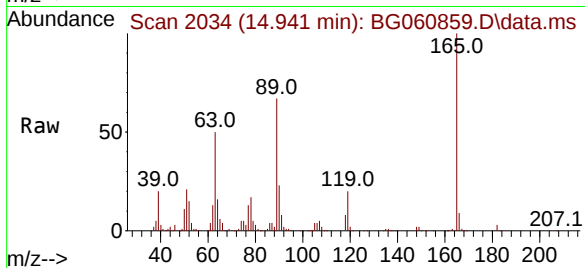
#57
2,4-Dinitrotoluene
Concen: 54.243 ng
RT: 14.941 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS

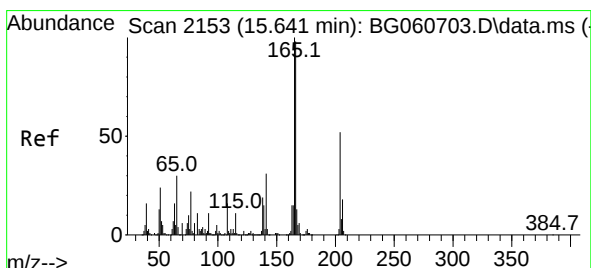
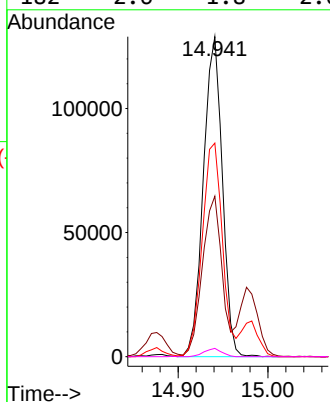
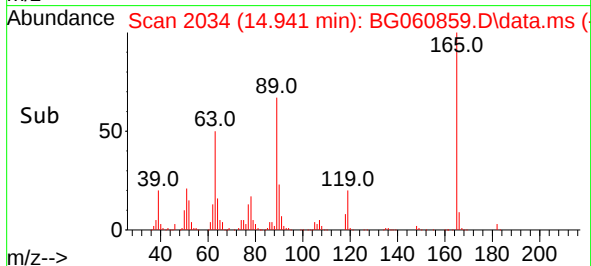


Tgt Ion:165 Resp: 189170
Ion Ratio Lower Upper
165 100
63 50.2 43.4 65.0
89 66.8 61.0 91.6
182 2.6 1.8 2.6

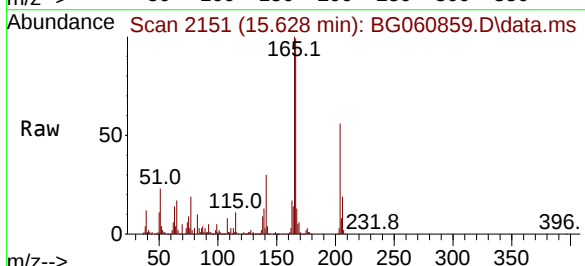
Manual Integrations

APPROVED

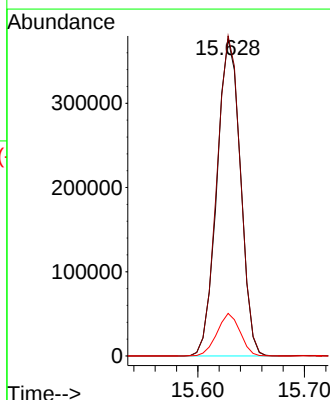
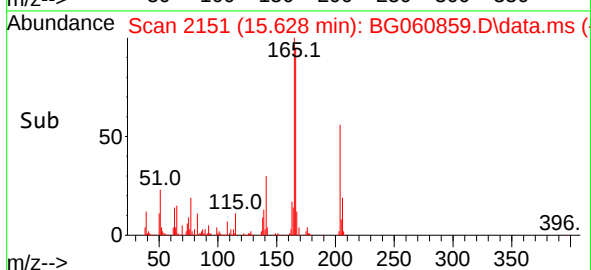
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

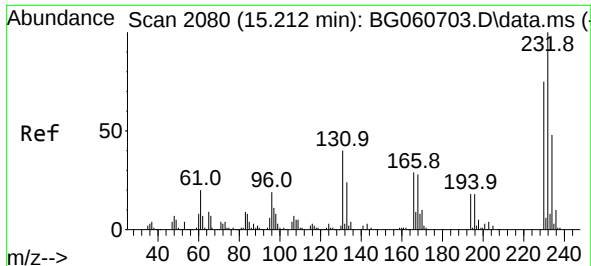


#58
Fluorene
Concen: 43.104 ng
RT: 15.628 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42



Tgt Ion:166 Resp: 576843
Ion Ratio Lower Upper
166 100
165 100.9 81.8 122.8
167 13.4 10.9 16.3





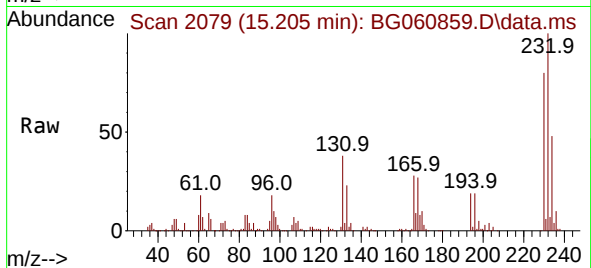
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.772 ng
RT: 15.205 min Scan# 2080
Delta R.T. -0.007 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS



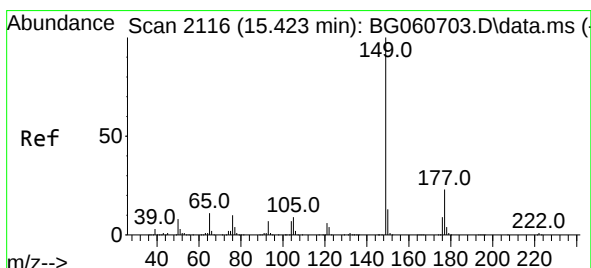
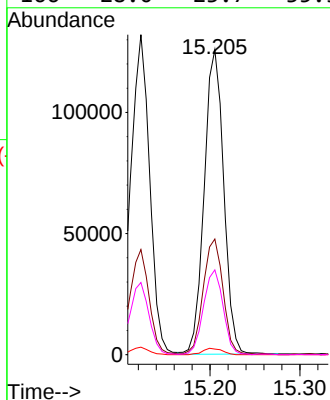
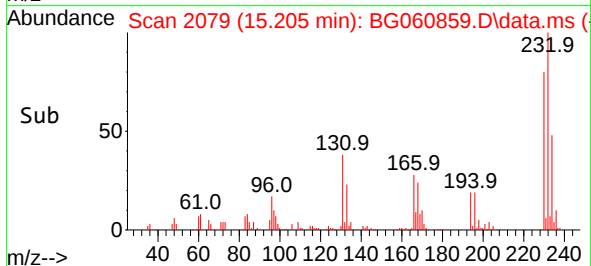
Tgt Ion:232 Resp: 189708
Ion Ratio Lower Upper
232 100
131 38.1 32.2 48.2
130 2.1 2.1 3.1
166 28.0 23.7 35.5

Manual Integrations

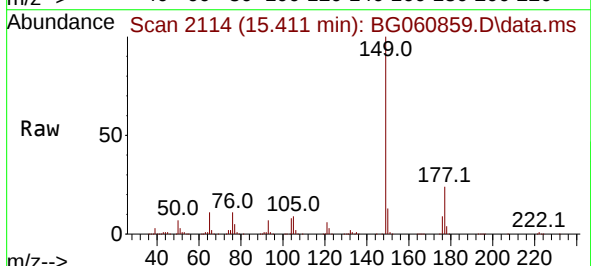
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

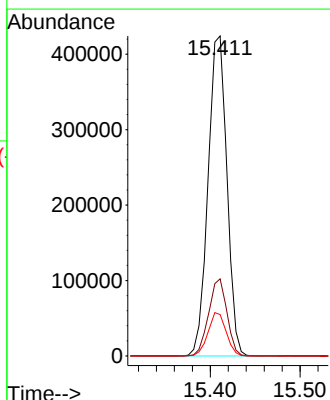
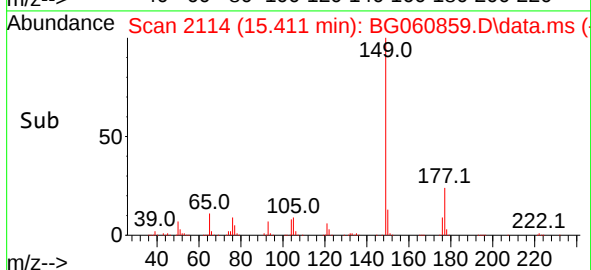
Supervised By :mohammad ahmed 04/17/2024

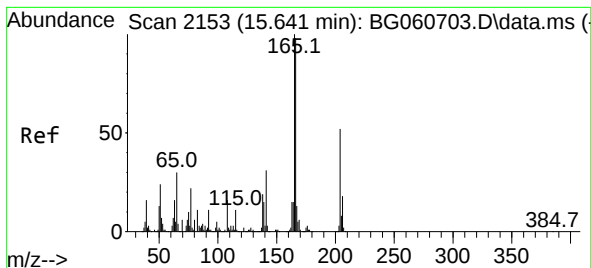


#60
Diethylphthalate
Concen: 41.605 ng
RT: 15.411 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42



Tgt Ion:149 Resp: 617759
Ion Ratio Lower Upper
149 100
177 24.1 18.0 27.0
150 13.0 10.2 15.4





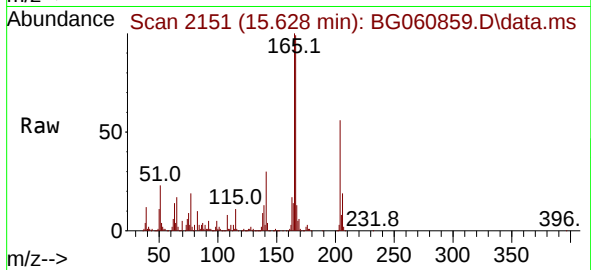
#61
4-Chlorophenyl-phenylether
Concen: 43.812 ng
RT: 15.628 min Scan# 2151
Delta R.T. -0.013 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS

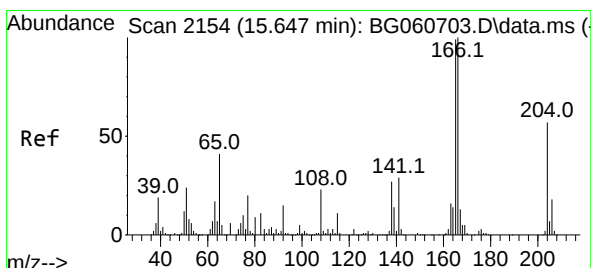
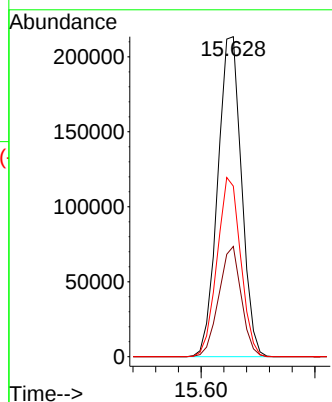
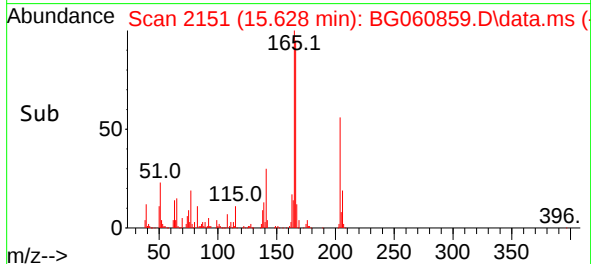


Tgt Ion:204 Resp: 310190
Ion Ratio Lower Upper
204 100
206 34.5 28.3 42.5
141 53.3 47.2 70.8

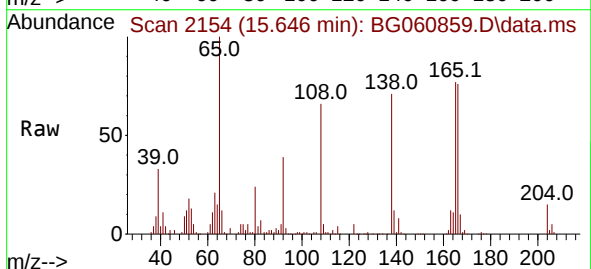
Manual Integrations

APPROVED

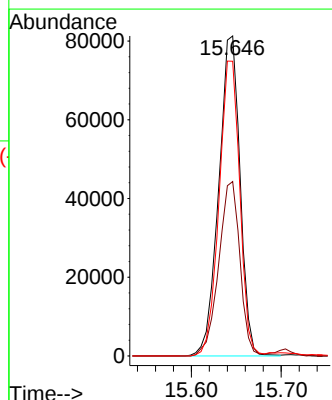
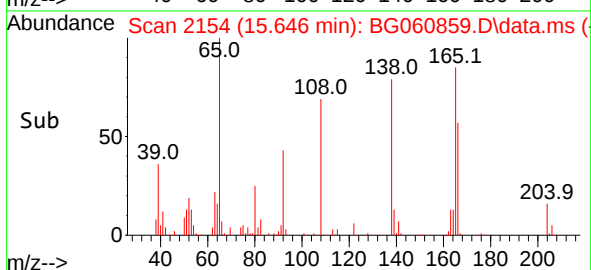
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

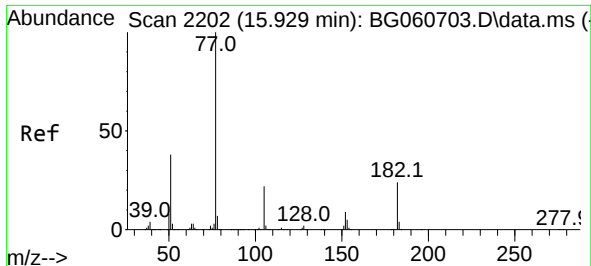


#62
4-Nitroaniline
Concen: 49.594 ng
RT: 15.646 min Scan# 2154
Delta R.T. -0.001 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42



Tgt Ion:138 Resp: 133822
Ion Ratio Lower Upper
138 100
92 54.5 36.8 76.8
108 92.1 66.9 106.9





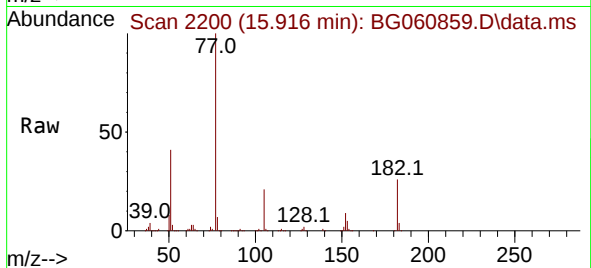
#63
Azobenzene
Concen: 40.448 ng
RT: 15.916 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS



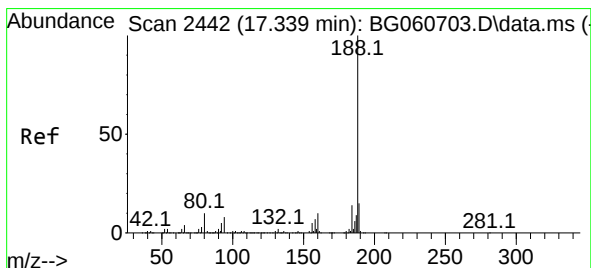
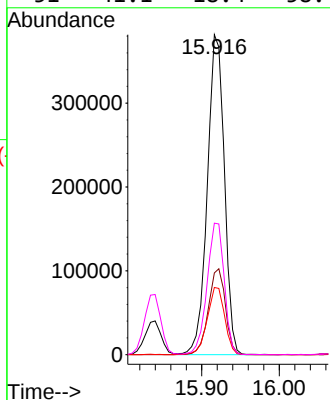
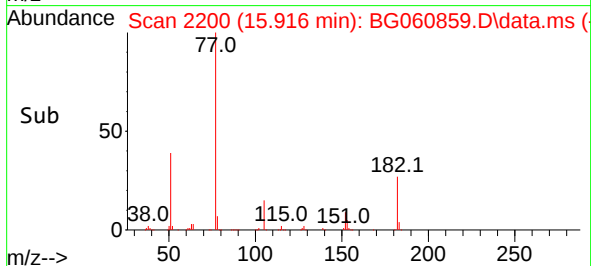
Tgt Ion: 77 Resp: 58523
Ion Ratio Lower Upper
77 100
182 25.6 3.9 43.9
105 21.0 1.7 41.7
51 41.1 18.4 58.4

Manual Integrations

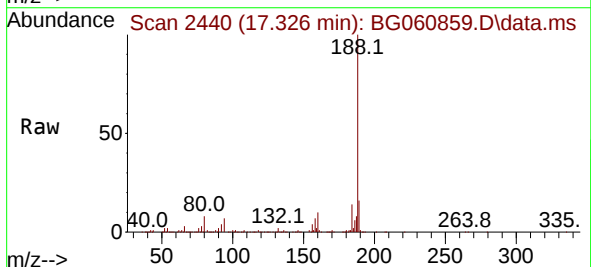
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

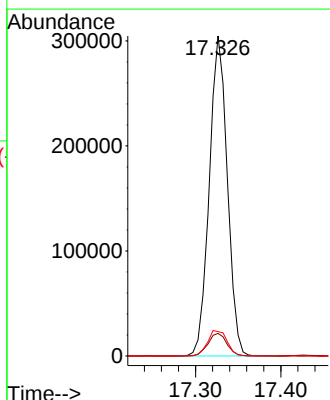
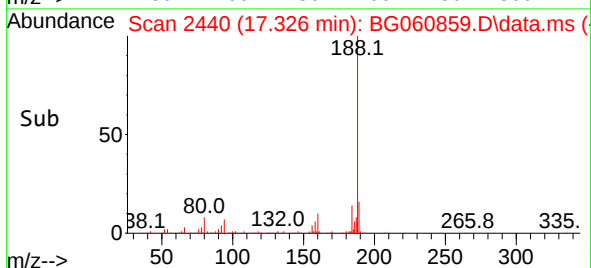
Supervised By :mohammad ahmed 04/17/2024

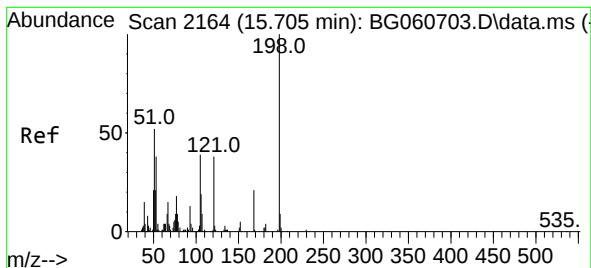


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.326 min Scan# 2440
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42



Tgt Ion:188 Resp: 448432
Ion Ratio Lower Upper
188 100
94 7.0 6.6 9.8
80 7.6 7.6 11.4





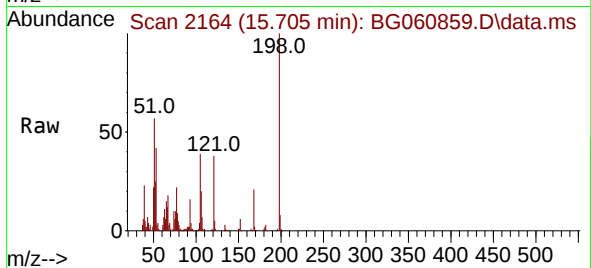
#65
4,6-Dinitro-2-methylphenol
Concen: 59.310 ng
RT: 15.705 min Scan# 2164
Delta R.T. -0.000 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS

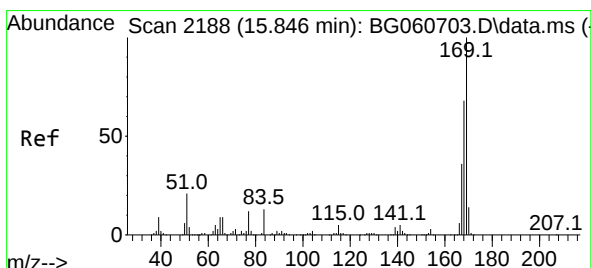
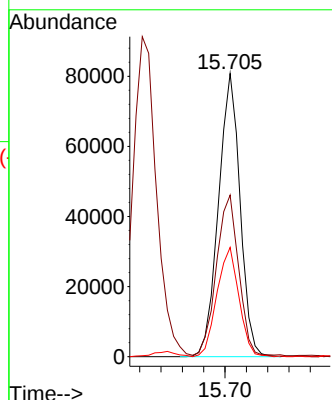
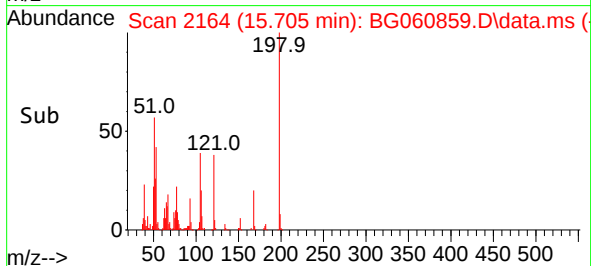


Tgt Ion:198 Resp: 113354
Ion Ratio Lower Upper
198 100
51 57.1 36.7 76.7
105 38.6 19.1 59.1

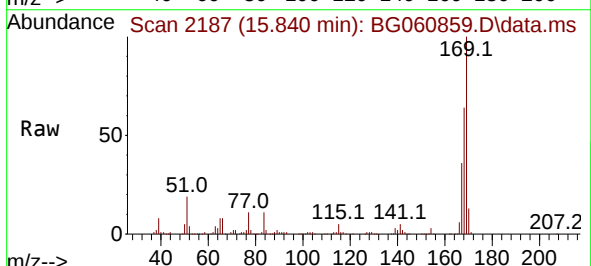
Manual Integrations

APPROVED

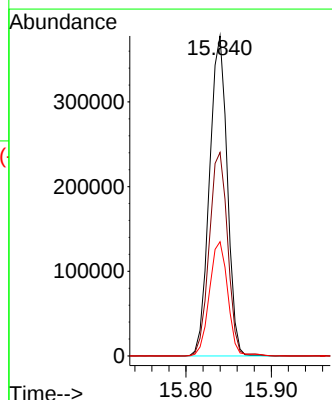
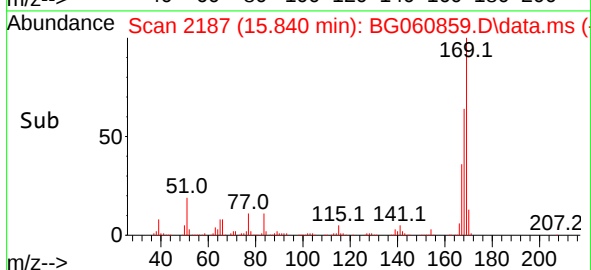
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

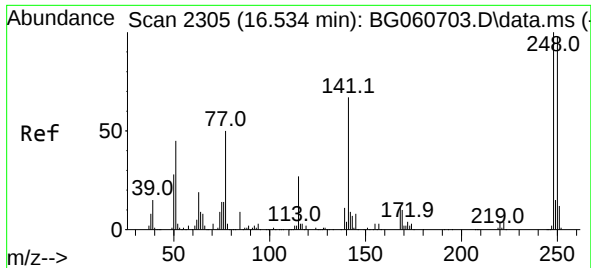


#66
n-Nitrosodiphenylamine
Concen: 42.642 ng
RT: 15.840 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42



Tgt Ion:169 Resp: 546441
Ion Ratio Lower Upper
169 100
168 63.6 54.5 81.7
167 35.7 29.2 43.8





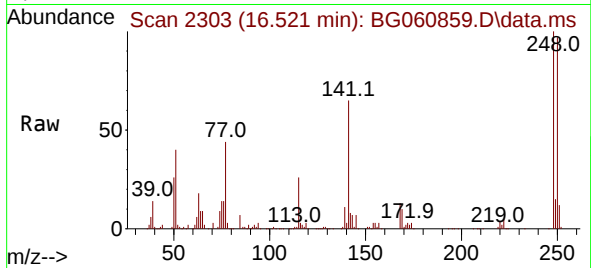
#67
4-Bromophenyl-phenylether
Concen: 47.621 ng
RT: 16.521 min Scan# 21672
Delta R.T. -0.013 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS

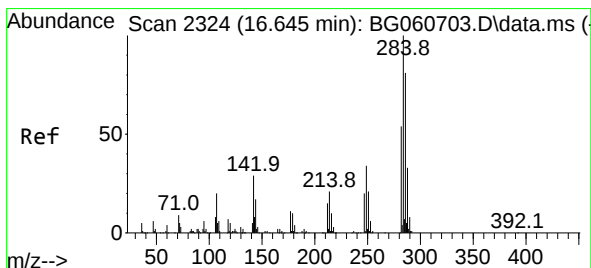
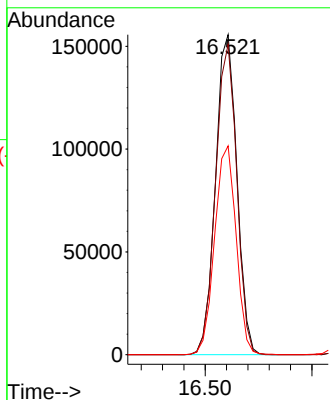
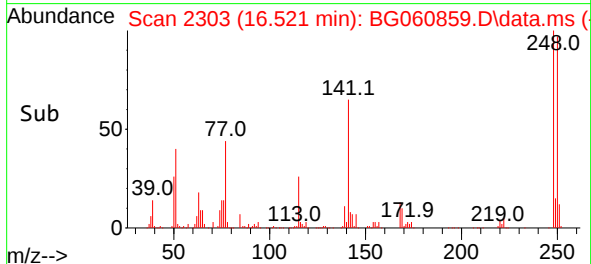


Tgt Ion:248 Resp: 21672
Ion Ratio Lower Upper
248 100
250 97.0 78.3 117.5
141 65.3 53.7 80.5

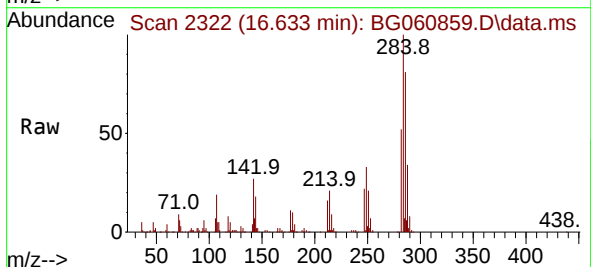
Manual Integrations

APPROVED

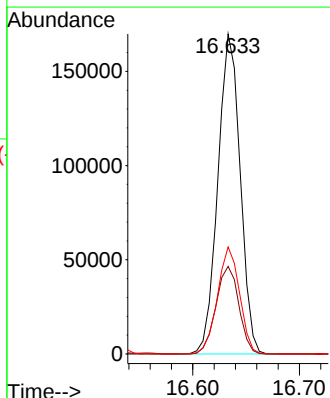
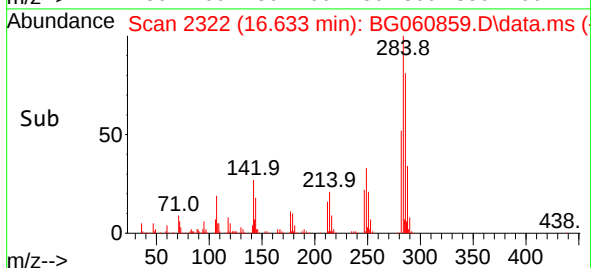
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#68
Hexachlorobenzene
Concen: 47.946 ng
RT: 16.633 min Scan# 2322
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42



Tgt Ion:284 Resp: 246320
Ion Ratio Lower Upper
284 100
142 27.4 22.9 34.3
249 33.5 27.1 40.7





#69

Atrazine

Concen: 47.134 ng

RT: 16.792 min Scan# 21121

Delta R.T. -0.012 min

Lab File: BG060859.D

Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS

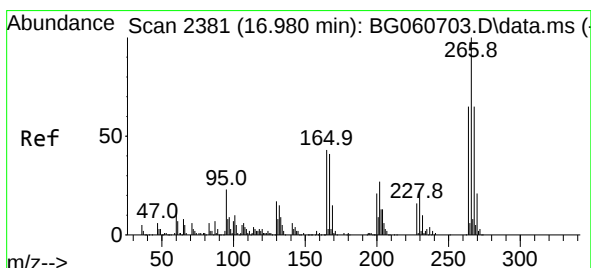
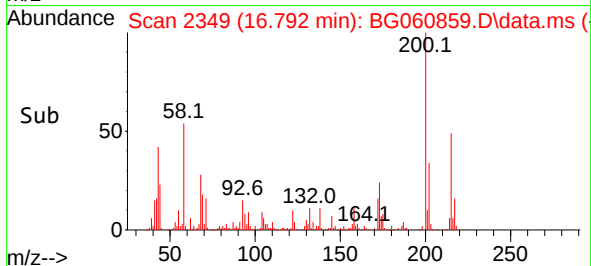
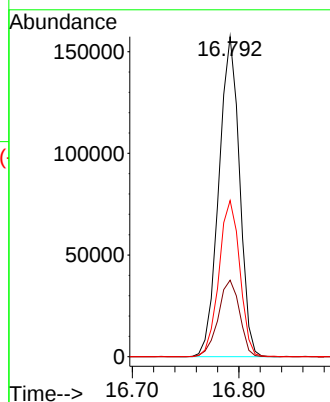
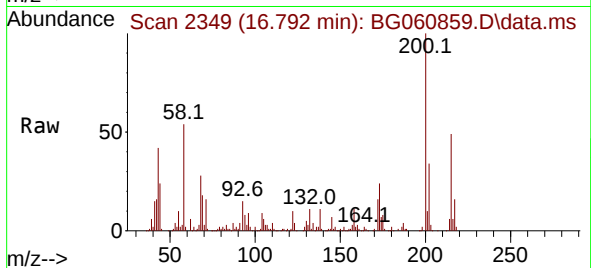
Tgt Ion:200 Resp: 21121
 Ion Ratio Lower Upper
 200 100
 173 23.9 5.2 45.2
 215 48.8 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#70

Pentachlorophenol

Concen: 100.185 ng

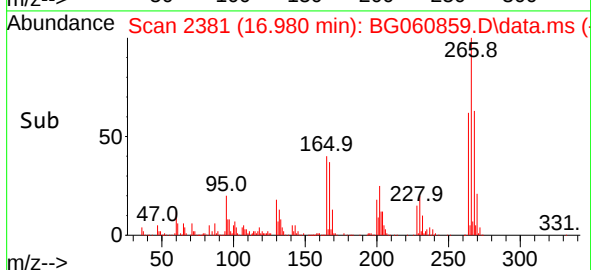
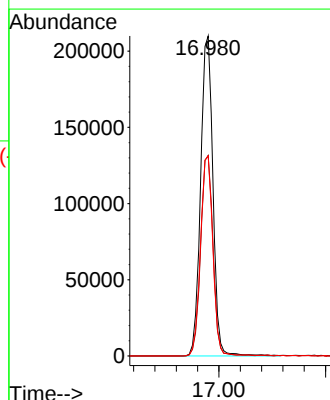
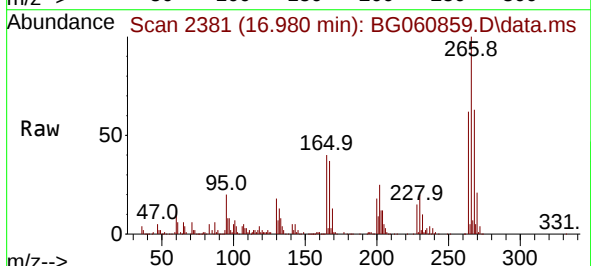
RT: 16.980 min Scan# 2381

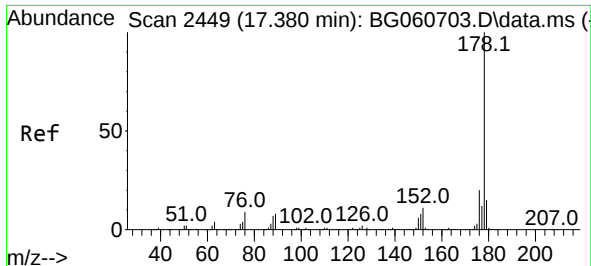
Delta R.T. -0.001 min

Lab File: BG060859.D

Acq: 11 Apr 2024 14:42

Tgt Ion:266 Resp: 335843
 Ion Ratio Lower Upper
 266 100
 268 62.7 52.2 78.4
 264 62.5 51.8 77.6





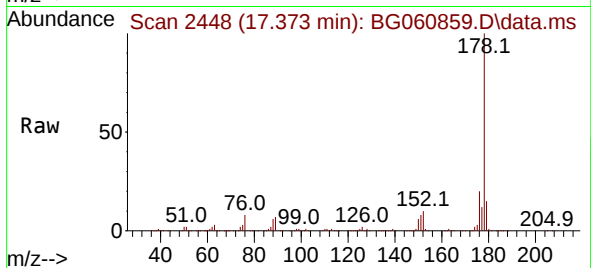
#71
Phenanthrene
Concen: 42.108 ng
RT: 17.373 min Scan# 2448
Delta R.T. -0.006 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS



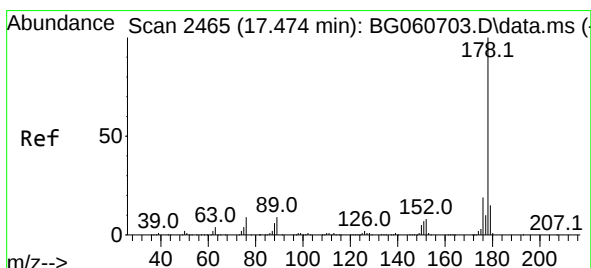
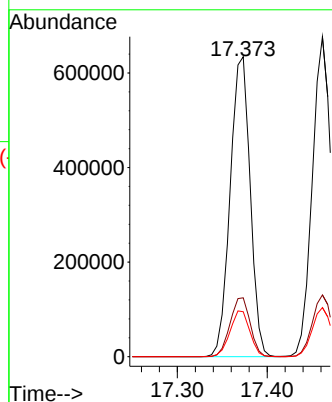
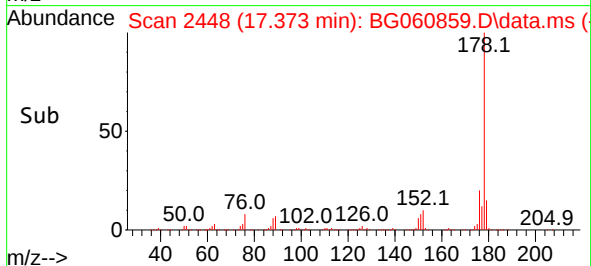
Tgt Ion:178 Resp: 98204
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.0 12.2 18.4

Manual Integrations

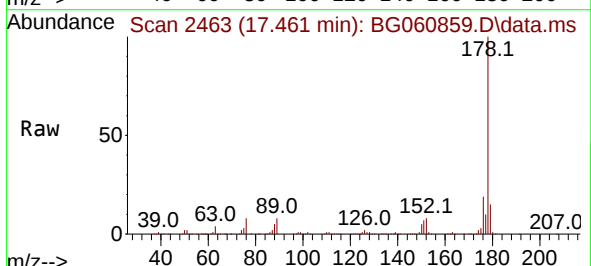
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

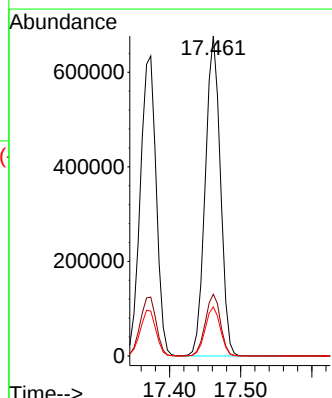
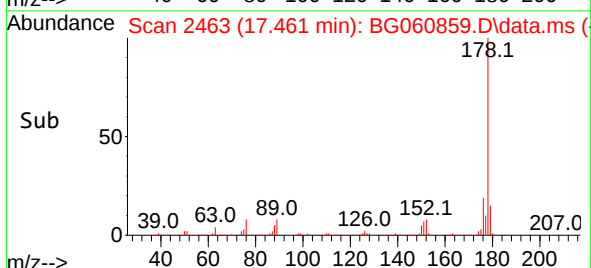
Supervised By :mohammad ahmed 04/17/2024

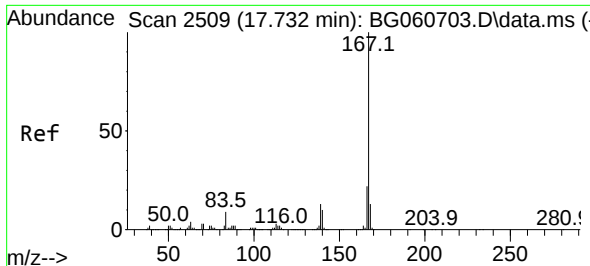


#72
Anthracene
Concen: 42.270 ng
RT: 17.461 min Scan# 2463
Delta R.T. -0.012 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42



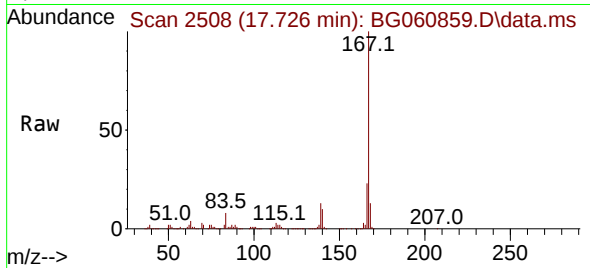
Tgt Ion:178 Resp: 1001158
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.4 12.2 18.2





#73
Carbazole
Concen: 42.033 ng
RT: 17.726 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

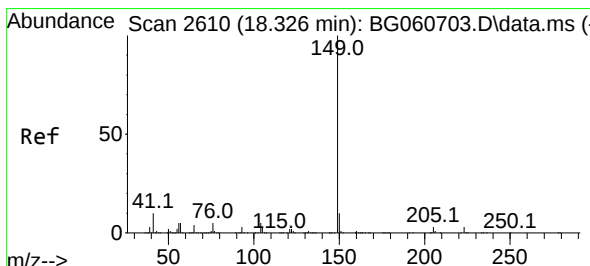
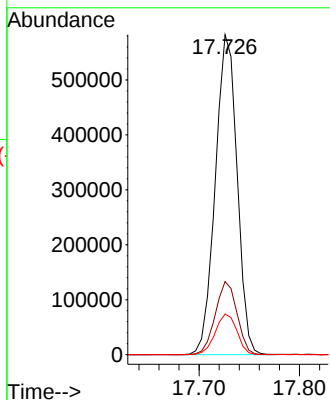
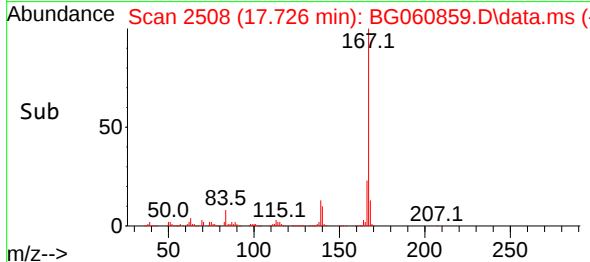
Instrument :
BNA_G
ClientSampleId :
PB160120BS



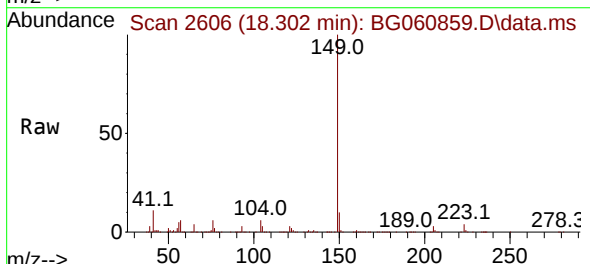
Tgt Ion:167 Resp: 877764
Ion Ratio Lower Upper
167 100
166 22.8 18.0 27.0
139 12.7 10.5 15.7

Manual Integrations
APPROVED

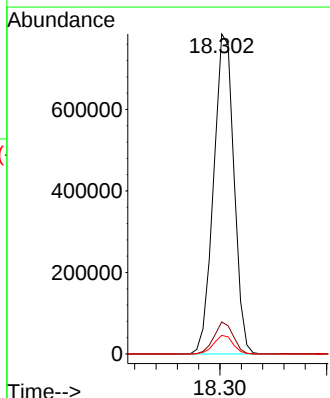
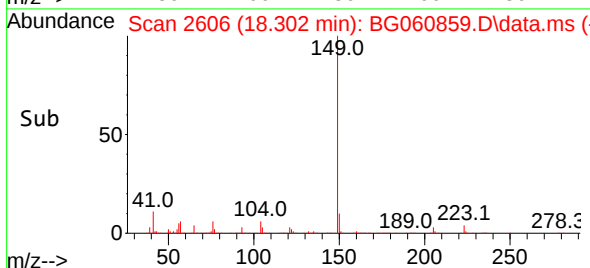
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

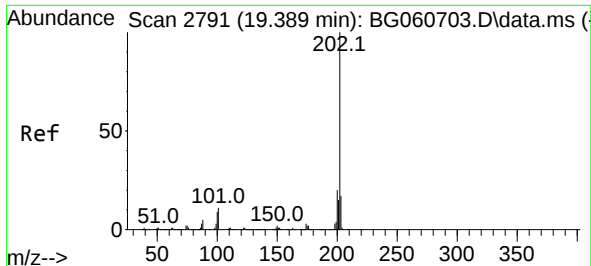


#74
Di-n-butylphthalate
Concen: 39.892 ng
RT: 18.302 min Scan# 2606
Delta R.T. -0.024 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42



Tgt Ion:149 Resp: 1038595
Ion Ratio Lower Upper
149 100
150 10.0 7.7 11.5
104 5.8 4.2 6.4





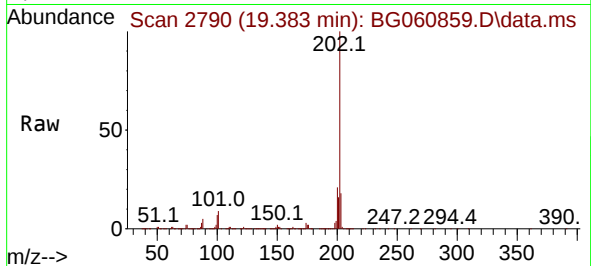
#75
Fluoranthene
Concen: 42.171 ng
RT: 19.383 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS



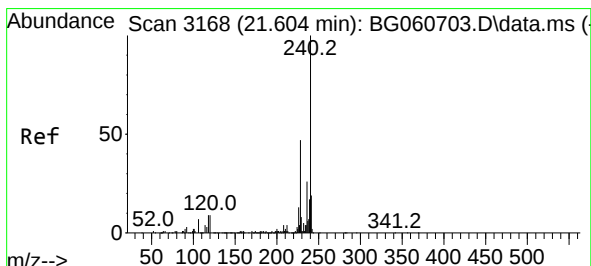
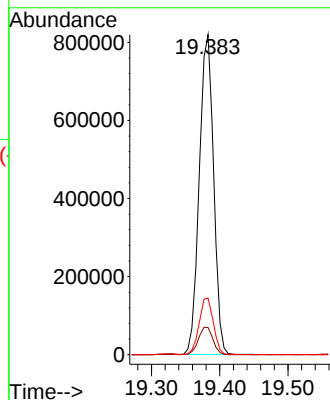
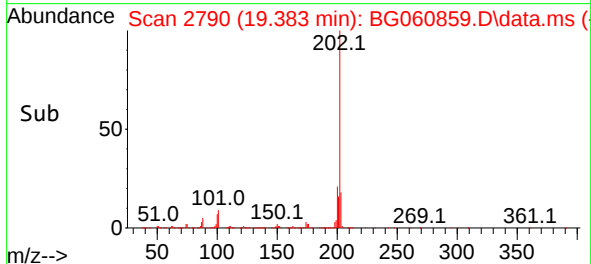
Tgt Ion:202 Resp: 119344
Ion Ratio Lower Upper
202 100
101 8.5 0.0 30.8
203 17.7 0.0 37.4

Manual Integrations

APPROVED

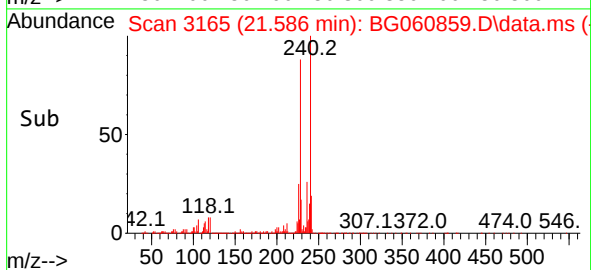
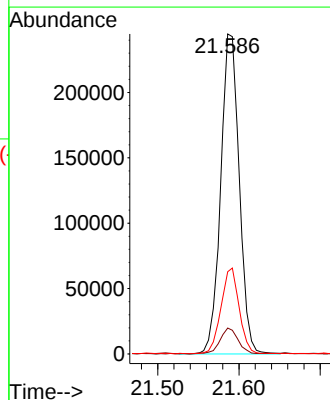
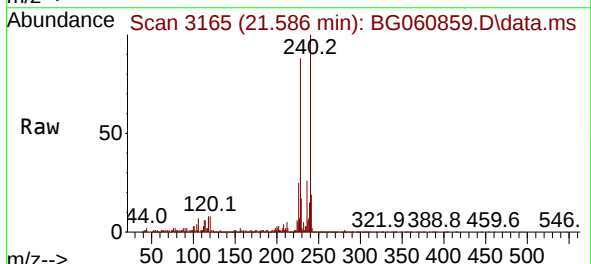
Reviewed By :Yogesh Patel 04/16/2024

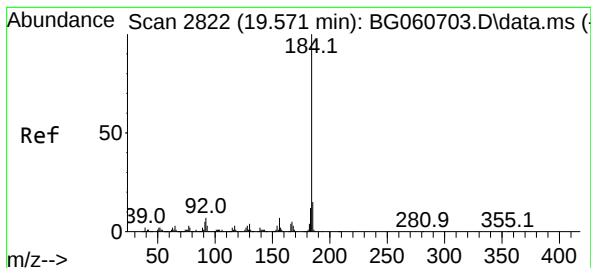
Supervised By :mohammad ahmed 04/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3165
Delta R.T. -0.018 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Tgt Ion:240 Resp: 389001
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 25.7 20.7 31.1





#77

Benzidine

Concen: 29.310 ng

RT: 19.559 min Scan# 2820

Delta R.T. -0.012 min

Lab File: BG060859.D

Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS

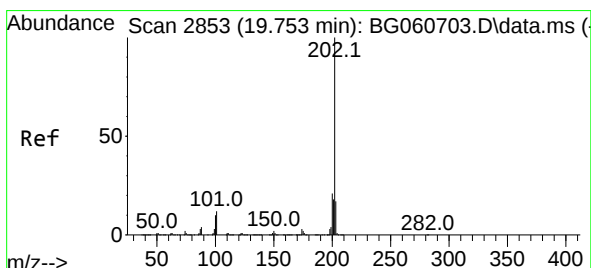
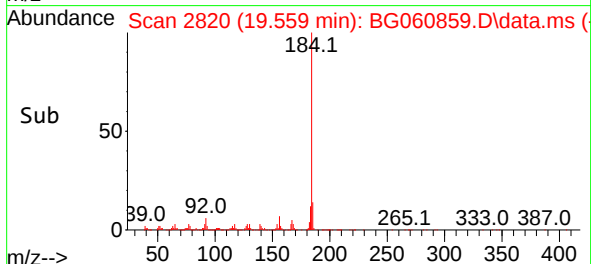
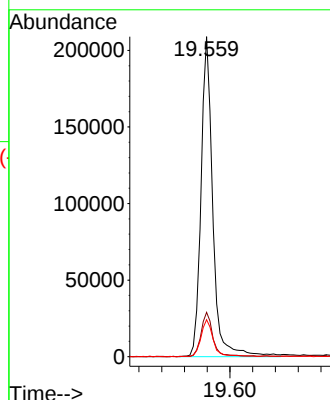
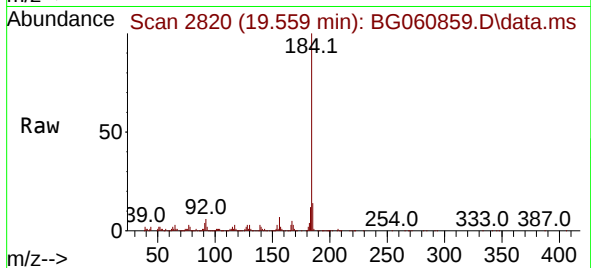
Tgt Ion:184 Resp: 300229
 Ion Ratio Lower Upper
 184 100
 185 13.8 11.8 17.6
 183 11.6 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#78

Pyrene

Concen: 44.992 ng

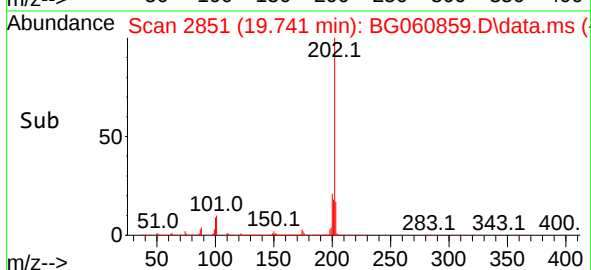
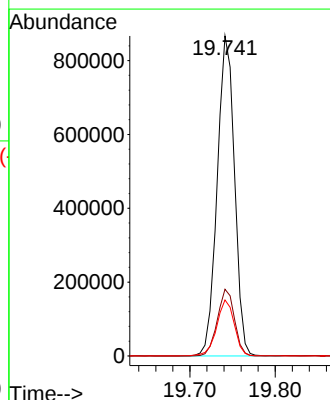
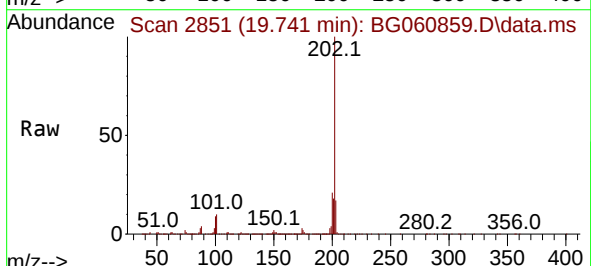
RT: 19.741 min Scan# 2851

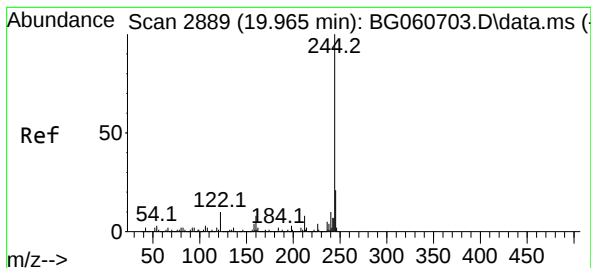
Delta R.T. -0.012 min

Lab File: BG060859.D

Acq: 11 Apr 2024 14:42

Tgt Ion:202 Resp: 1224040
 Ion Ratio Lower Upper
 202 100
 200 20.8 17.0 25.4
 203 17.5 14.0 21.0





#79

Terphenyl-d14

Concen: 86.231 ng

RT: 19.953 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG060859.D

Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS

Tgt Ion:244 Resp: 190500

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

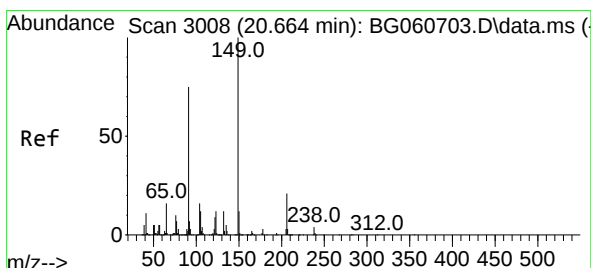
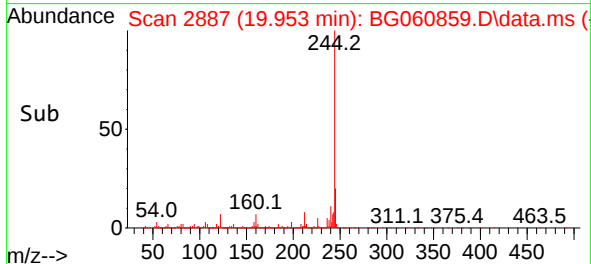
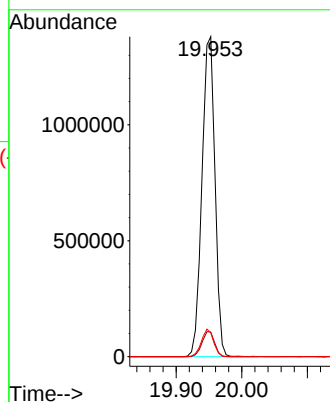
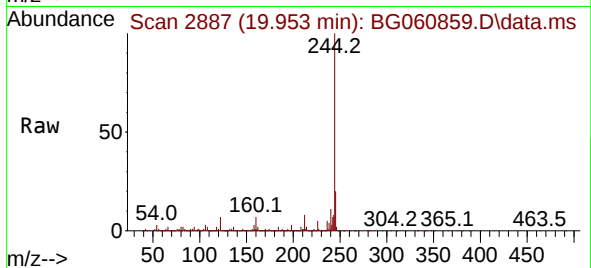
122 7.5 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#80

Butylbenzylphthalate

Concen: 44.784 ng

RT: 20.646 min Scan# 3005

Delta R.T. -0.018 min

Lab File: BG060859.D

Acq: 11 Apr 2024 14:42

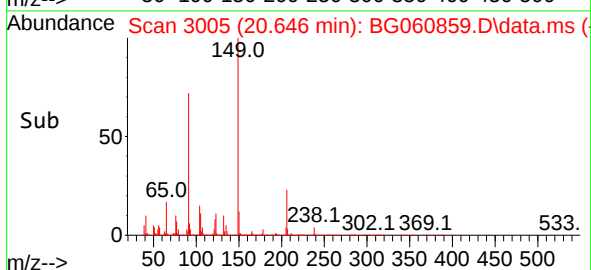
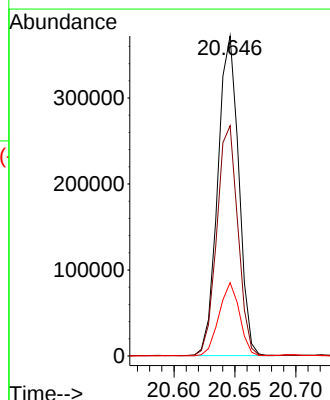
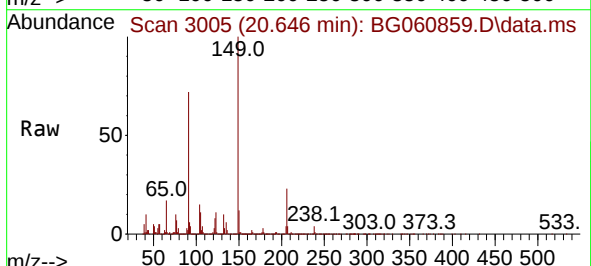
Tgt Ion:149 Resp: 444454

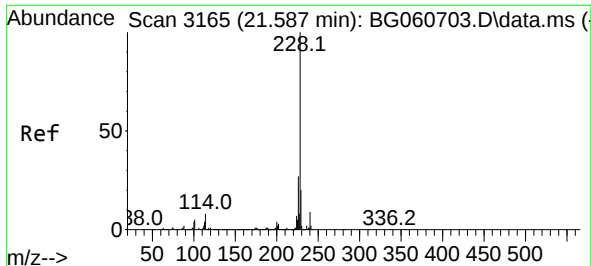
Ion Ratio Lower Upper

149 100

91 72.0 60.1 90.1

206 22.9 16.8 25.2





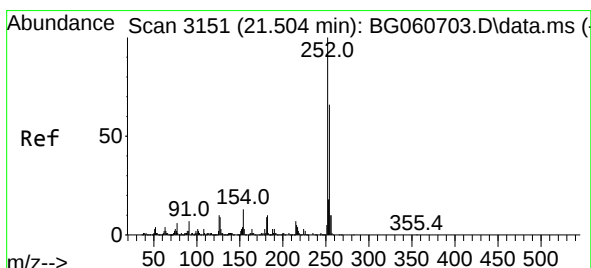
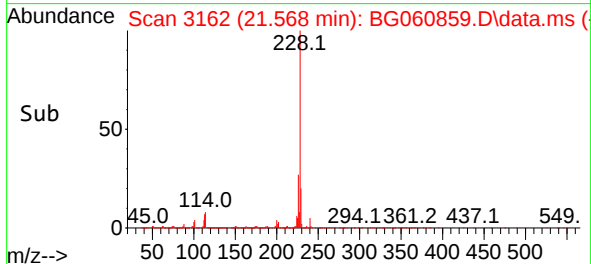
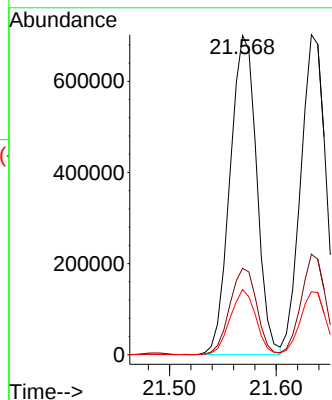
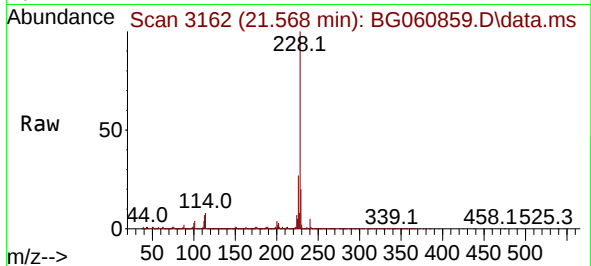
#81
Benzo(a)anthracene
Concen: 44.338 ng
RT: 21.568 min Scan# 3165
Delta R.T. -0.018 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :
BNA_G
ClientSampleId :
PB160120BS

Tgt Ion:228 Resp: 1215764
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 20.4 15.8 23.8

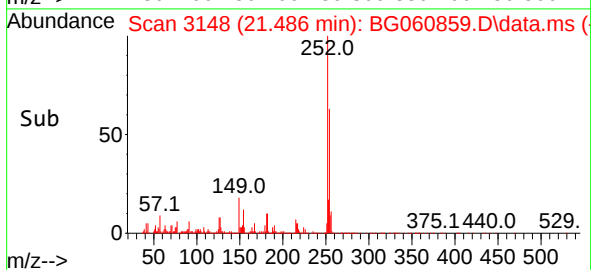
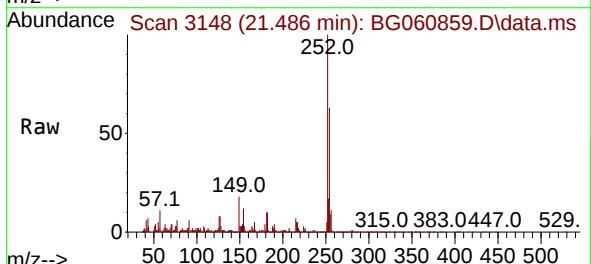
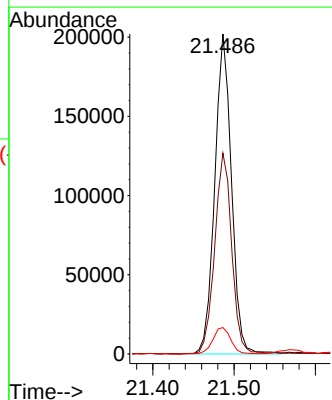
Manual Integrations
APPROVED

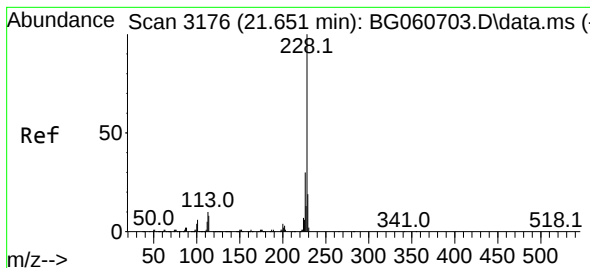
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#82
3,3'-Dichlorobenzidine
Concen: 31.153 ng
RT: 21.486 min Scan# 3148
Delta R.T. -0.018 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Tgt Ion:252 Resp: 288435
Ion Ratio Lower Upper
252 100
254 62.8 52.6 78.8
126 8.3 7.8 11.8





#83

Chrysene

Concen: 43.127 ng

RT: 21.633 min Scan# 3173

Delta R.T. -0.018 min

Lab File: BG060859.D

Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS

Tgt Ion:228 Resp: 113981

Ion Ratio Lower Upper

228 100

226 31.4 24.2 36.4

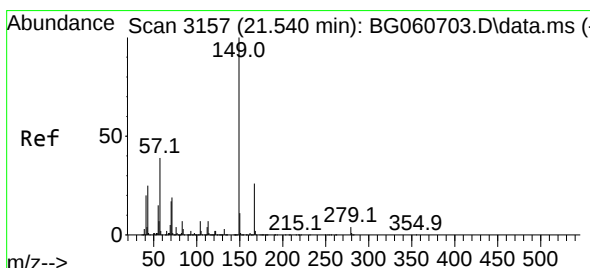
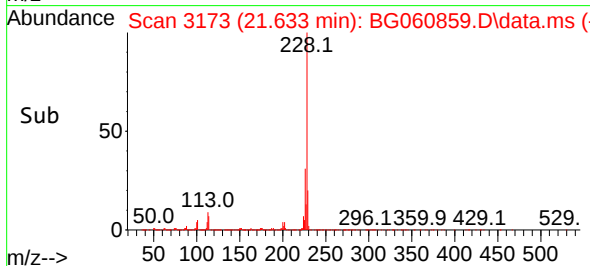
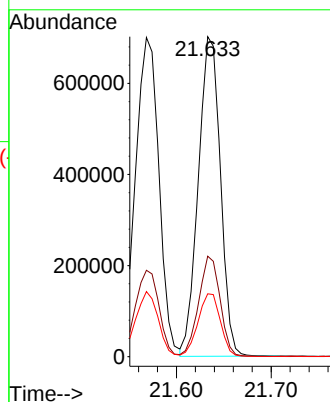
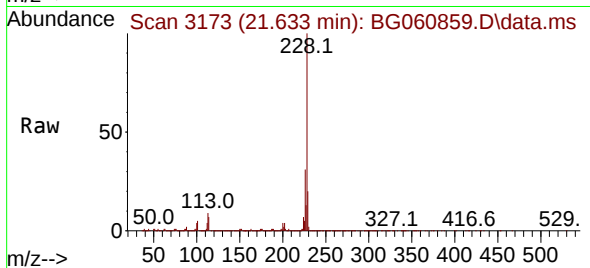
229 19.6 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.278 ng

RT: 21.504 min Scan# 3151

Delta R.T. -0.036 min

Lab File: BG060859.D

Acq: 11 Apr 2024 14:42

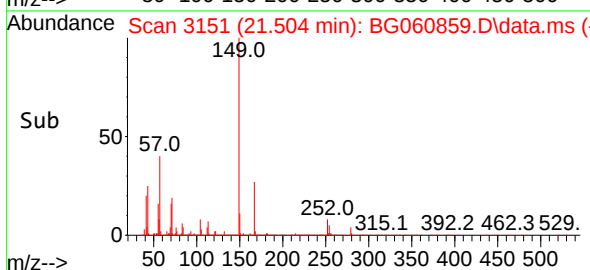
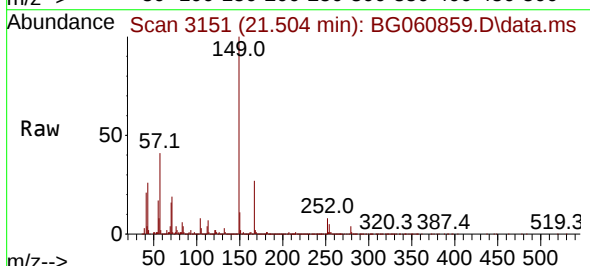
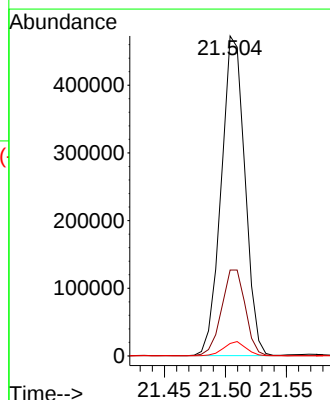
Tgt Ion:149 Resp: 637118

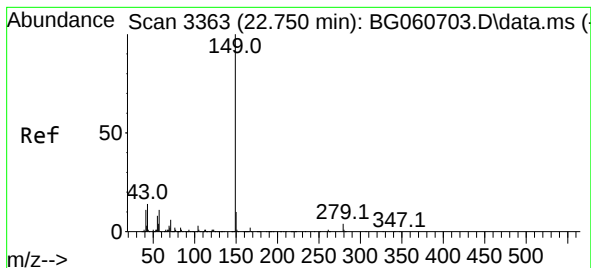
Ion Ratio Lower Upper

149 100

167 26.8 20.6 30.8

279 3.9 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 43.303 ng

RT: 22.702 min Scan# 31

Delta R.T. -0.048 min

Lab File: BG060859.D

Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS

Tgt Ion:149 Resp: 111589

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

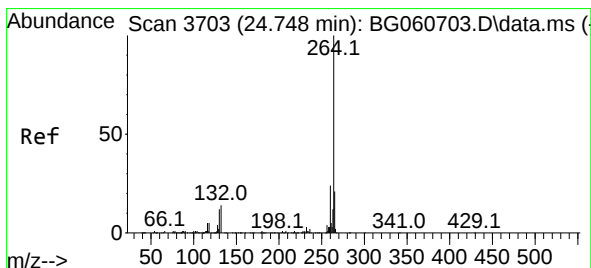
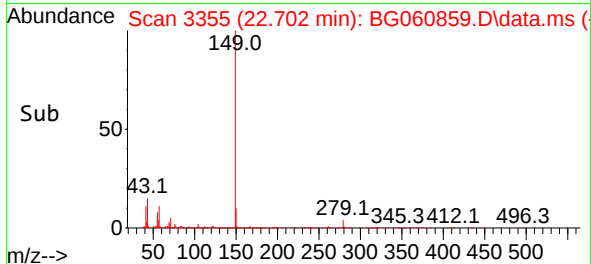
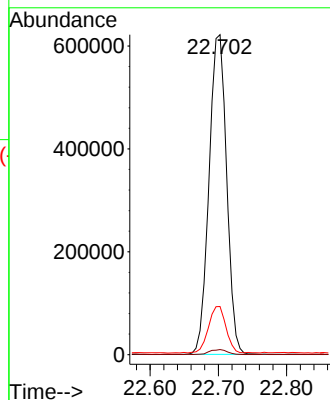
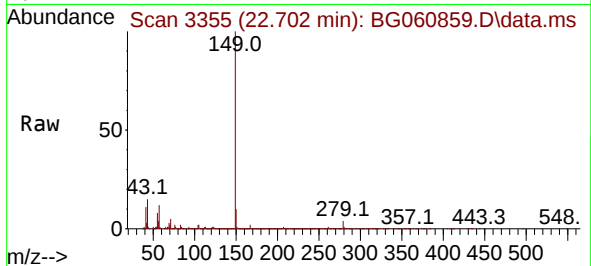
43 14.5 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.718 min Scan# 3698

Delta R.T. -0.030 min

Lab File: BG060859.D

Acq: 11 Apr 2024 14:42

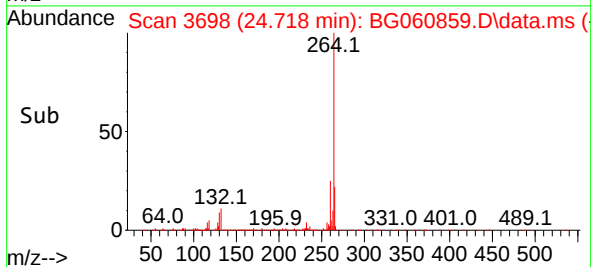
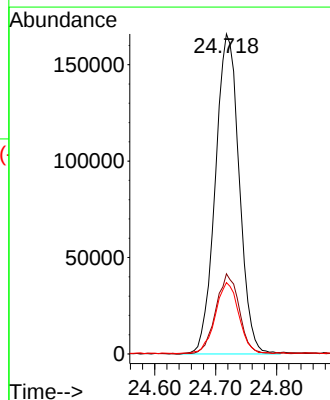
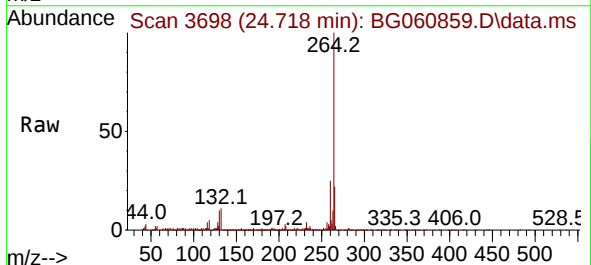
Tgt Ion:264 Resp: 451363

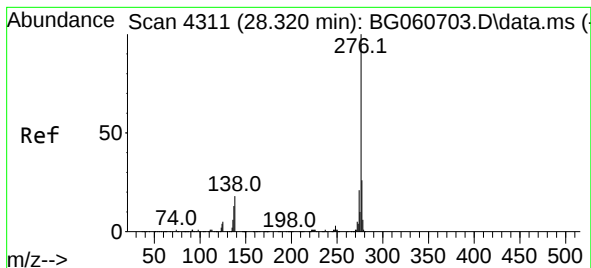
Ion Ratio Lower Upper

264 100

260 25.1 19.5 29.3

265 22.3 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.836 ng

RT: 28.278 min Scan# 41

Delta R.T. -0.042 min

Lab File: BG060859.D

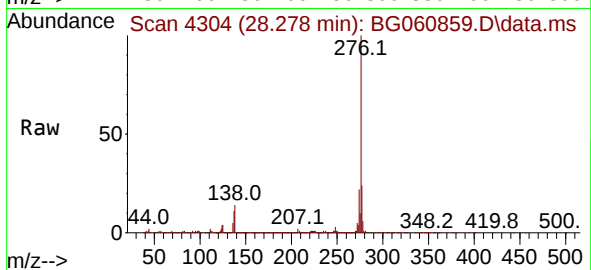
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS



Tgt Ion:276 Resp: 145688

Ion Ratio Lower Upper

276 100

138 11.7 12.4 18.6

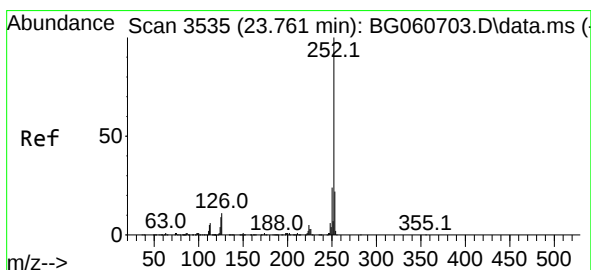
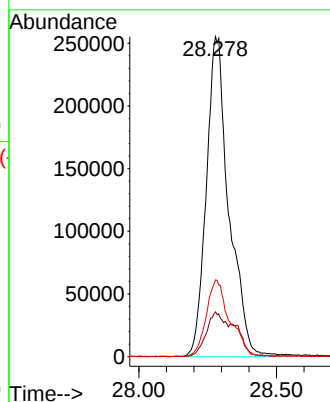
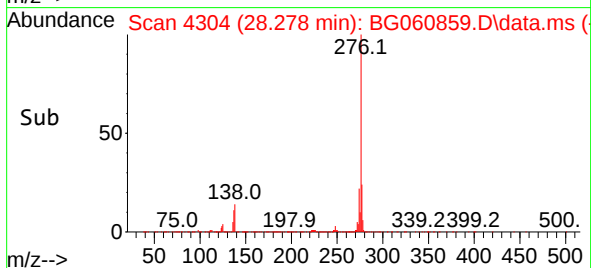
277 24.8 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#88

Benzo(b)fluoranthene

Concen: 45.912 ng

RT: 23.731 min Scan# 3530

Delta R.T. -0.030 min

Lab File: BG060859.D

Acq: 11 Apr 2024 14:42

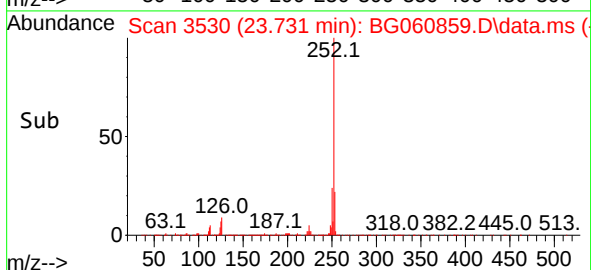
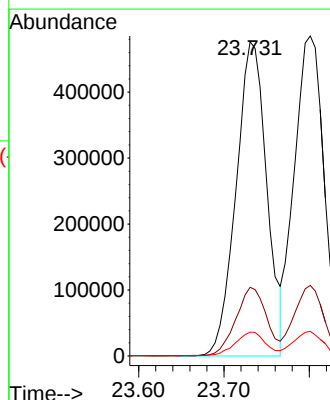
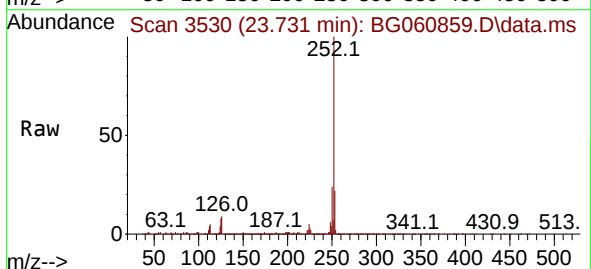
Tgt Ion:252 Resp: 1190539

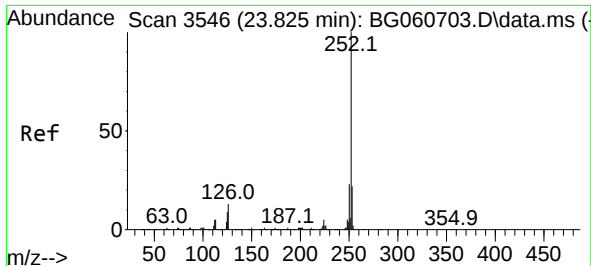
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 7.6 7.1 10.7





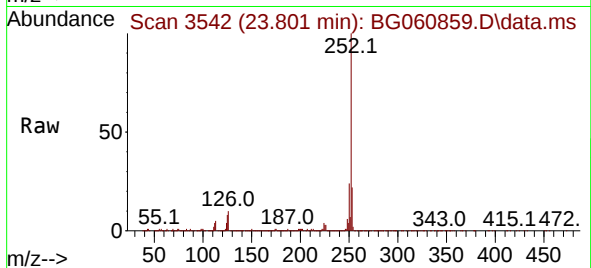
#89
Benzo(k)fluoranthene
Concen: 44.199 ng
RT: 23.801 min Scan# 3542
Delta R.T. -0.024 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS



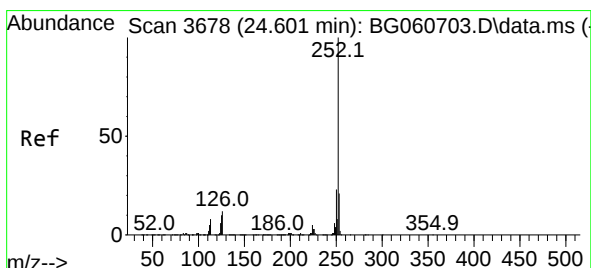
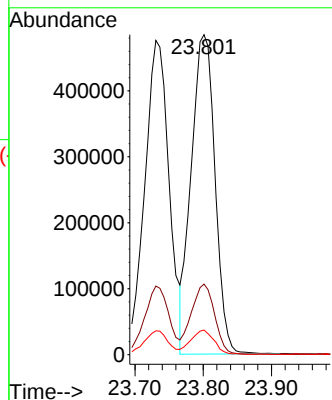
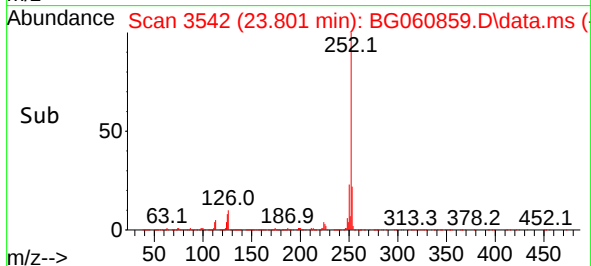
Tgt Ion:252 Resp: 117309
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 7.7 7.5 11.3

Manual Integrations

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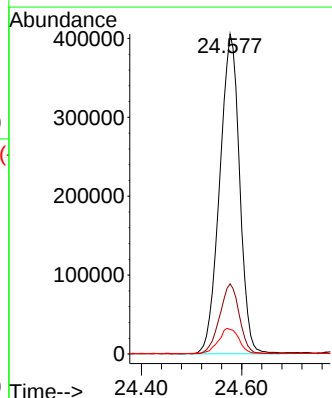
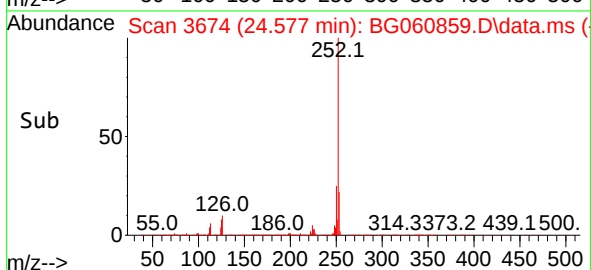
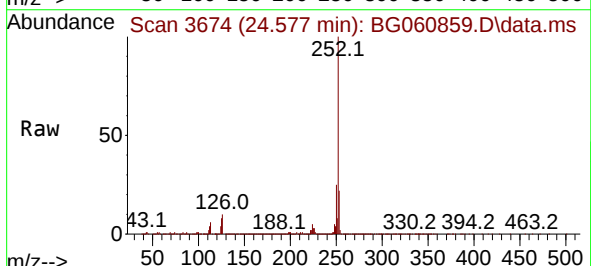
Reviewed By :Yogesh Patel 04/16/2024

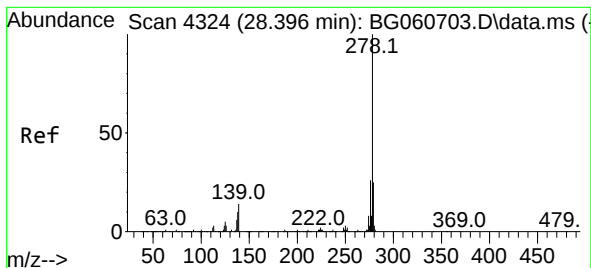
Supervised By :mohammad ahmed 04/17/2024



#90
Benzo(a)pyrene
Concen: 44.272 ng
RT: 24.577 min Scan# 3674
Delta R.T. -0.024 min
Lab File: BG060859.D
Acq: 11 Apr 2024 14:42

Tgt Ion:252 Resp: 1115636
Ion Ratio Lower Upper
252 100
253 21.9 16.8 25.2
125 7.7 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 44.114 ng

RT: 28.355 min Scan# 41

Delta R.T. -0.042 min

Lab File: BG060859.D

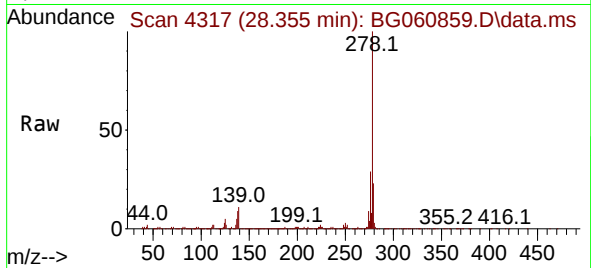
Acq: 11 Apr 2024 14:42

Instrument :

BNA_G

ClientSampleId :

PB160120BS



Tgt Ion:278 Resp: 118200

Ion Ratio Lower Upper

278 100

139 10.7 11.1 16.7

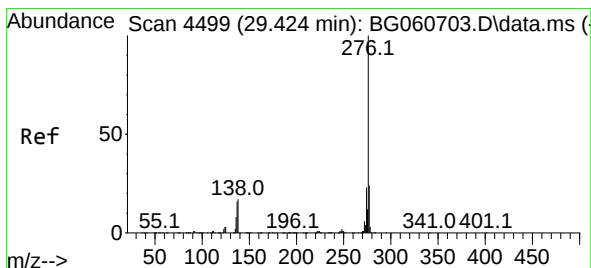
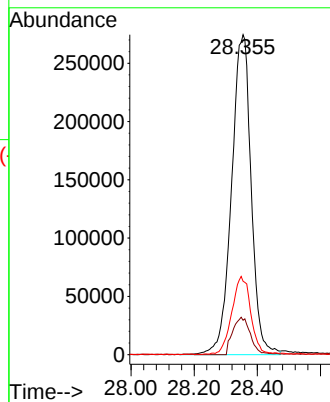
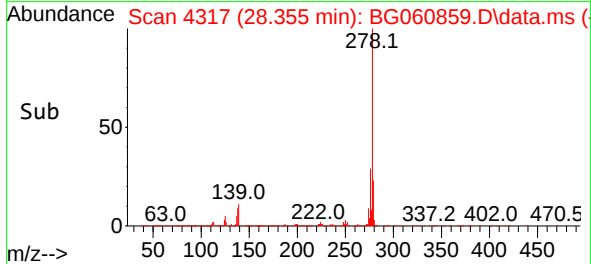
279 22.9 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#92

Benzo(g,h,i)perylene

Concen: 42.447 ng

RT: 29.389 min Scan# 4493

Delta R.T. -0.036 min

Lab File: BG060859.D

Acq: 11 Apr 2024 14:42

Tgt Ion:276 Resp: 1106363

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 14.7 14.0 21.0

