

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122923\
 Data File : BG060184.D
 Acq On : 29 Dec 2023 17:19
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG122923

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/01/2024

Supervised By :mohammad ahmed 01/01/2024

Quant Time: Dec 30 03:15:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	211280	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	886526	20.000	ng	0.00
39) Acenaphthene-d10	14.579	164	679580	20.000	ng	0.00
64) Phenanthrene-d10	17.323	188	1668683	20.000	ng	0.00
76) Chrysene-d12	21.595	240	1500440	20.000	ng	0.00
86) Perylene-d12	24.767	264	1673895	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1190023	85.013	ng	0.00
7) Phenol-d6	7.100	99	1641391	78.974	ng	0.00
23) Nitrobenzene-d5	9.103	82	1577357	82.184	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	758226	83.350	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	3743301	79.166	ng	0.00
79) Terphenyl-d14	19.944	244	5158833	66.099	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.416	88	251490	40.381	ng	97
3) Pyridine	3.810	79	752373	42.596	ng	97
4) n-Nitrosodimethylamine	3.727	42	269817	40.949	ng	97
6) Aniline	7.270	93	826755	39.702	ng	98
8) 2-Chlorophenol	7.505	128	523783	38.934	ng	97
9) Benzaldehyde	7.076	77	468268	37.474	ng	96
10) Phenol	7.129	94	818354	39.045	ng	98
11) bis(2-Chloroethyl)ether	7.358	93	663009	39.092	ng	95
12) 1,3-Dichlorobenzene	7.828	146	644881	38.831	ng	98
13) 1,4-Dichlorobenzene	7.975	146	659878	39.303	ng	98
14) 1,2-Dichlorobenzene	8.293	146	655732	39.950	ng	98
15) Benzyl Alcohol	8.175	79	528795	40.990	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.463	45	864939	39.737	ng	99
17) 2-Methylphenol	8.381	107	536908	40.911	ng	98
18) Hexachloroethane	9.021	117	218312	41.287	ng	96
19) n-Nitroso-di-n-propyla...	8.745	70	579893	40.841	ng	96
20) 3+4-Methylphenols	8.710	107	758049	40.755	ng	97
22) Acetophenone	8.763	105	1031156	39.258	ng	# 96
24) Nitrobenzene	9.144	77	803241	40.904	ng	99
25) Isophorone	9.661	82	1594005	39.695	ng	99
26) 2-Nitrophenol	9.850	139	296818	43.316	ng	95
27) 2,4-Dimethylphenol	9.908	122	388403	40.015	ng	98
28) bis(2-Chloroethoxy)met...	10.149	93	933504	39.691	ng	95
29) 2,4-Dichlorophenol	10.390	162	641716	41.832	ng	96
30) 1,2,4-Trichlorobenzene	10.602	180	736123	39.425	ng	98
31) Naphthalene	10.795	128	1853742	39.607	ng	99
32) Benzoic acid	10.043	122	321121m	39.369	ng	
33) 4-Chloroaniline	10.901	127	751074	41.091	ng	98
34) Hexachlorobutadiene	11.077	225	432850	38.979	ng	93
35) Caprolactam	11.671	113	218719m	42.862	ng	
36) 4-Chloro-3-methylphenol	12.023	107	651597	41.273	ng	96
37) 2-Methylnaphthalene	12.399	142	1383532	40.926	ng	99
38) 1-Methylnaphthalene	12.623	142	1377631	40.306	ng	97
40) 1,2,4,5-Tetrachloroben...	12.770	216	850125	39.053	ng	99
41) Hexachlorocyclopentadiene	12.746	237	284415	40.422	ng	100
43) 2,4,6-Trichlorophenol	13.005	196	587588	41.076	ng	98

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Reviewed By :Yogesh Patel 01/01/2024

Supervised By :mohammad ahmed 01/01/2024

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Dec 30 03:14:04 2023

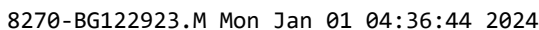
Response via : Initial Calibration

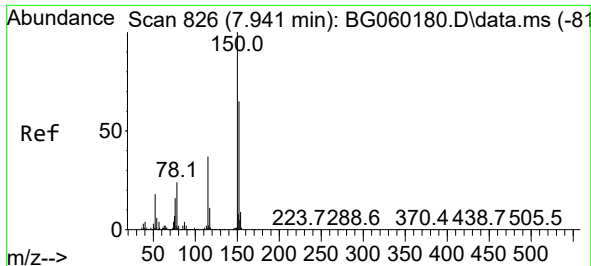
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	659583	41.218	ng	98
46) 1,1'-Biphenyl	13.410	154	1958149	39.164	ng	100
47) 2-Chloronaphthalene	13.451	162	1680061	39.440	ng	97
48) 2-Nitroaniline	13.657	65	487755	43.814	ng	98
49) Acenaphthylene	14.297	152	2497609	40.693	ng	99
50) Dimethylphthalate	14.033	163	2065159	39.360	ng	100
51) 2,6-Dinitrotoluene	14.150	165	471782	43.230	ng	97
52) Acenaphthene	14.638	154	1518431	39.645	ng	99
53) 3-Nitroaniline	14.485	138	446321	43.403	ng	98
54) 2,4-Dinitrophenol	14.685	184	229360	40.610	ng	97
55) Dibenzofuran	14.973	168	2549118	39.733	ng	99
56) 4-Nitrophenol	14.785	139	341377	43.918	ng	100
57) 2,4-Dinitrotoluene	14.938	165	647864	43.658	ng	99
58) Fluorene	15.625	166	2102218	39.952	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.202	232	576814	41.355	ng	99
60) Diethylphthalate	15.396	149	2029815	40.567	ng	99
61) 4-Chlorophenyl-phenyle...	15.619	204	1067066	38.946	ng	98
62) 4-Nitroaniline	15.649	138	464371	42.845	ng	92
63) Azobenzene	15.913	77	2072779	39.957	ng	99
65) 4,6-Dinitro-2-methylph...	15.701	198	361980	43.353	ng	97
66) n-Nitrosodiphenylamine	15.831	169	1812033	40.298	ng	100
67) 4-Bromophenyl-phenylether	16.512	248	687707	38.872	ng	98
68) Hexachlorobenzene	16.630	284	831722	40.097	ng	98
69) Atrazine	16.783	200	674062	40.787	ng	97
70) Pentachlorophenol	16.971	266	497241	43.637	ng	96
71) Phenanthrene	17.370	178	3325390	40.317	ng	99
72) Anthracene	17.458	178	3333162	40.683	ng	99
73) Carbazole	17.729	167	3151159	40.552	ng	99
74) Di-n-butylphthalate	18.287	149	3213460	42.673	ng	98
75) Fluoranthene	19.380	202	3871079	40.012	ng	98
77) Benzidine	19.568	184	1555391	37.455	ng	97
78) Pyrene	19.744	202	4034635	40.002	ng	98
80) Butylbenzylphthalate	20.631	149	1356429	45.609	ng	97
81) Benzo(a)anthracene	21.571	228	3856092	40.421	ng	98
82) 3,3'-Dichlorobenzidine	21.495	252	1425820	41.100	ng	99
83) Chrysene	21.642	228	3760338	40.572	ng	99
84) Bis(2-ethylhexyl)phtha...	21.483	149	2028689	44.981	ng	99
85) Di-n-octyl phthalate	22.676	149	3355646	45.454	ng	100
87) Indeno(1,2,3-cd)pyrene	28.392	276	4763212	40.361	ng	100
88) Benzo(b)fluoranthene	23.763	252	4008544	39.850	ng	100
89) Benzo(k)fluoranthene	23.827	252	3997399	39.483	ng	100
90) Benzo(a)pyrene	24.620	252	3641779	40.016	ng	99
91) Dibenzo(a,h)anthracene	28.457	278	3892103	40.139	ng	99
92) Benzo(g,h,i)perylene	29.532	276	3948051	40.197	ng	97

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

Manual Integrations

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

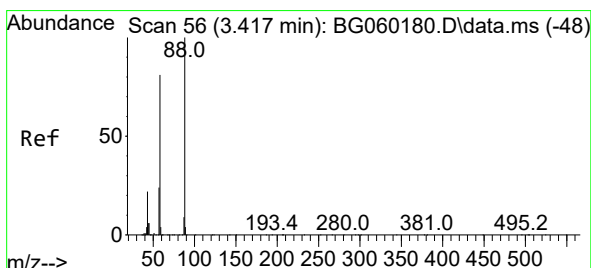
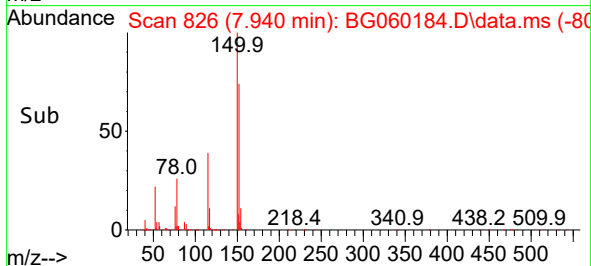
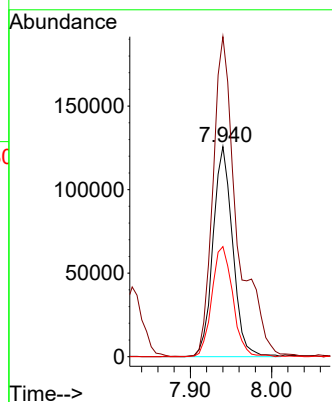
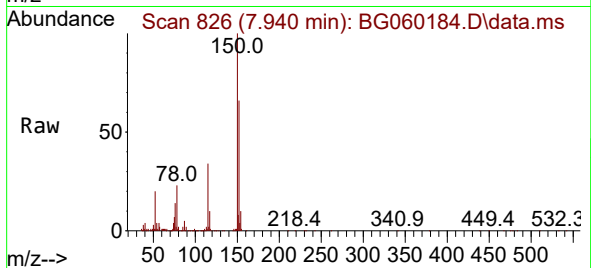
ICVBG122923

Tgt Ion:152 Resp: 211280
Ion Ratio Lower Upper
152 100
150 152.4 123.4 185.0
115 52.4 45.4 68.0

Manual Integrations

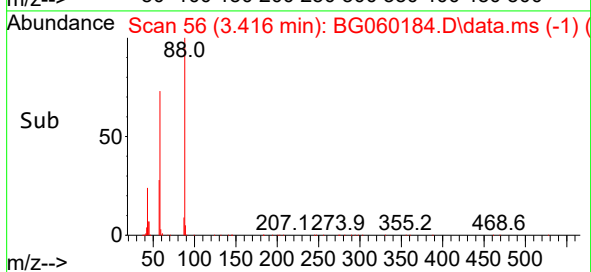
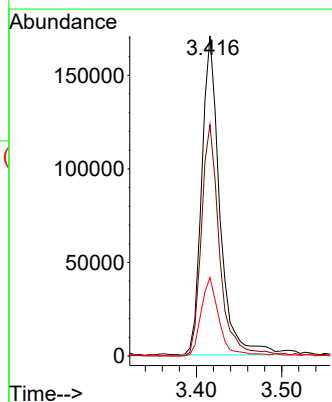
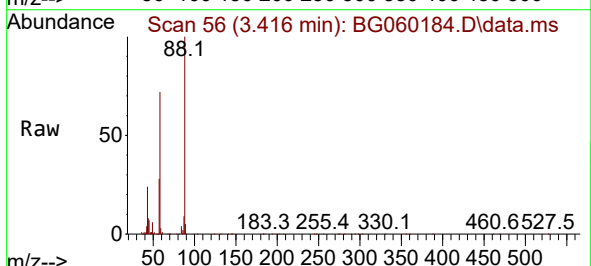
APPROVED

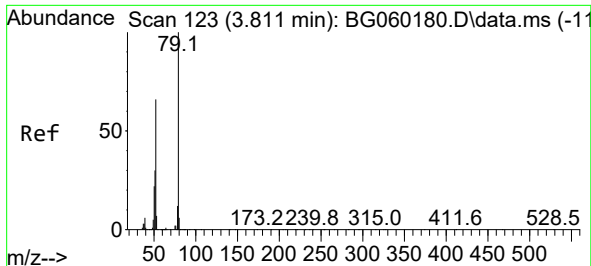
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024



#2
1,4-Dioxane
Concen: 40.381 ng
RT: 3.416 min Scan# 56
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

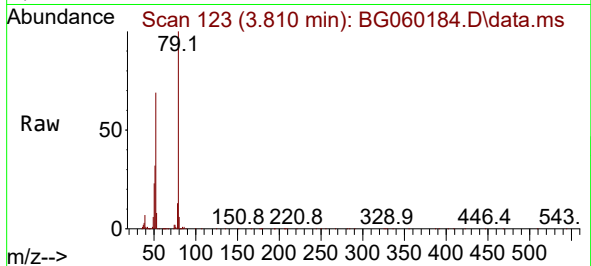
Tgt Ion: 88 Resp: 251490
Ion Ratio Lower Upper
88 100
58 72.8 60.5 90.7
43 24.3 18.9 28.3





#3
Pyridine
Concen: 42.596 ng
RT: 3.810 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

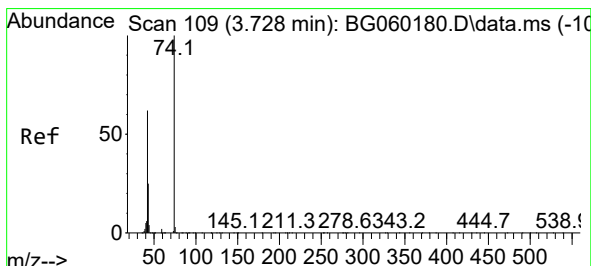
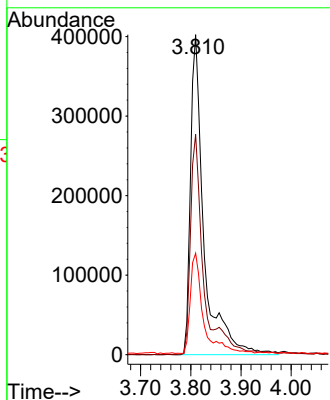
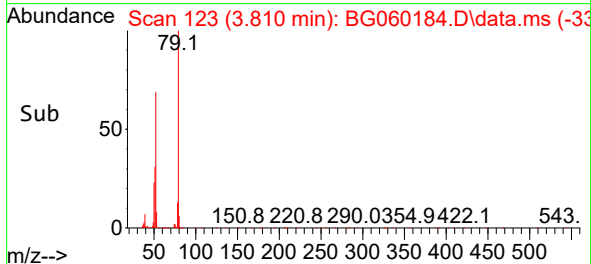
Instrument :
BNA_G
ClientSampleId :
ICVBG122923



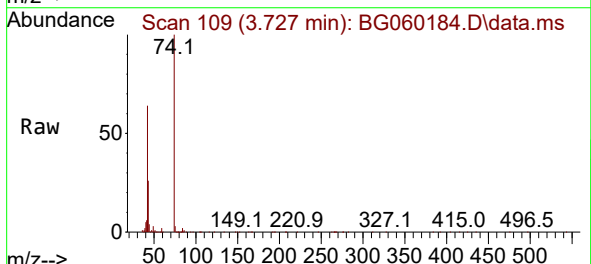
Tgt Ion: 79 Resp: 75237
Ion Ratio Lower Upper
79 100
52 68.9 52.9 79.3
51 31.7 24.6 37.0

Manual Integrations
APPROVED

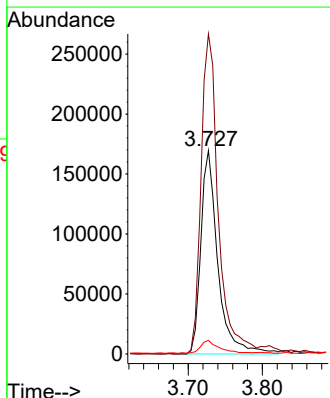
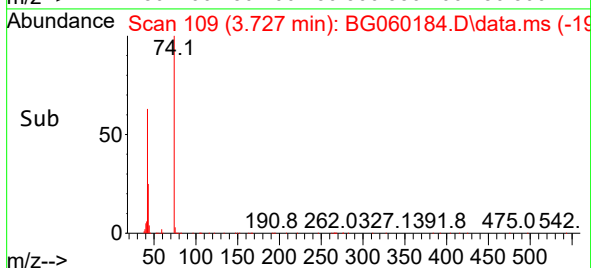
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024

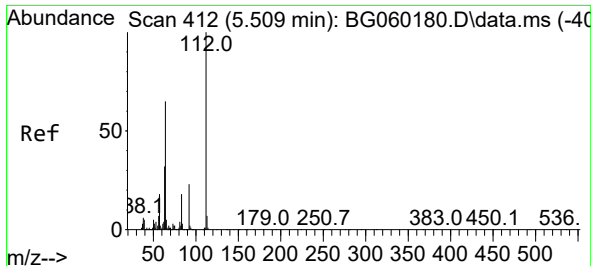


#4
n-Nitrosodimethylamine
Concen: 40.949 ng
RT: 3.727 min Scan# 109
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19



Tgt Ion: 42 Resp: 269817
Ion Ratio Lower Upper
42 100
74 157.4 129.5 194.3
44 6.7 5.9 8.9





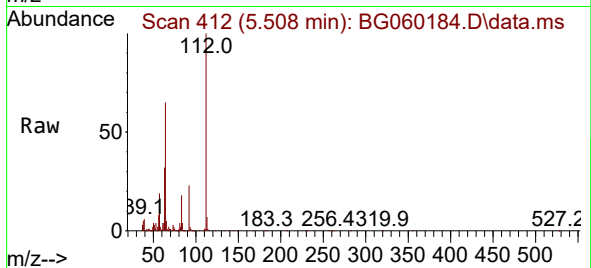
#5
2-Fluorophenol
Concen: 85.013 ng
RT: 5.508 min Scan# 411
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923



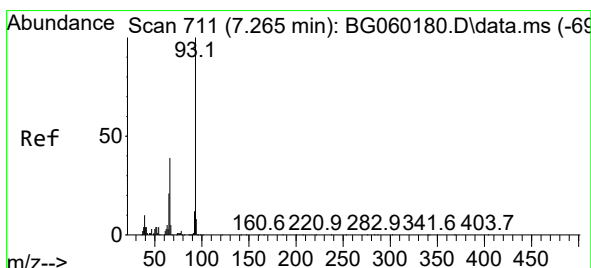
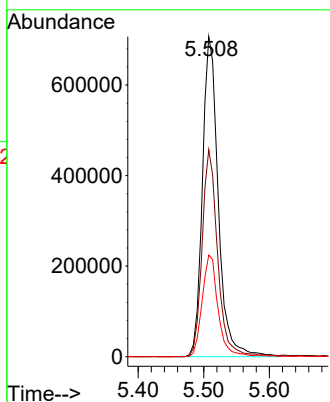
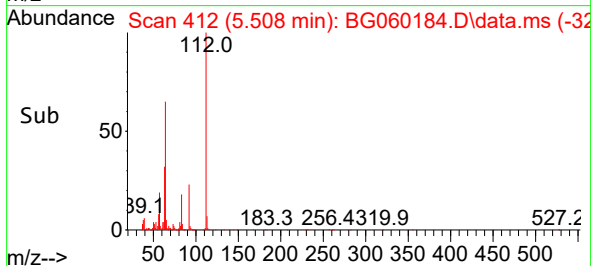
Tgt Ion: 112 Resp: 119002
Ion Ratio Lower Upper
112 100
64 64.7 52.2 78.4
63 31.8 25.4 38.0

Manual Integrations

APPROVED

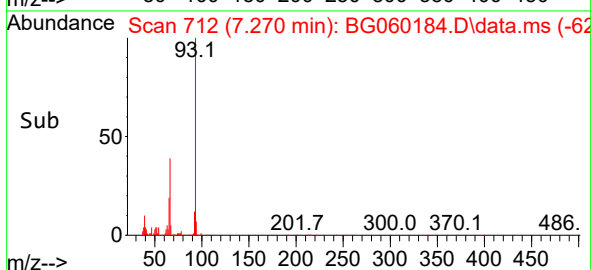
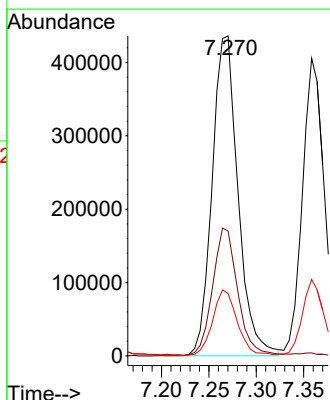
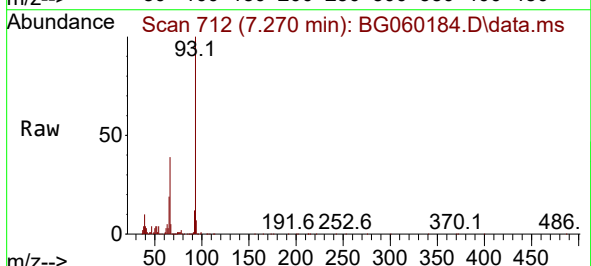
Reviewed By :Yogesh Patel 01/01/2024

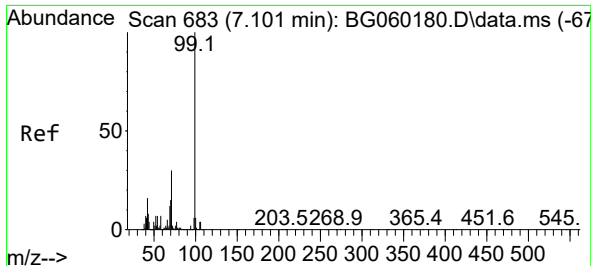
Supervised By :mohammad ahmed 01/01/2024



#6
Aniline
Concen: 39.702 ng
RT: 7.270 min Scan# 712
Delta R.T. 0.005 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

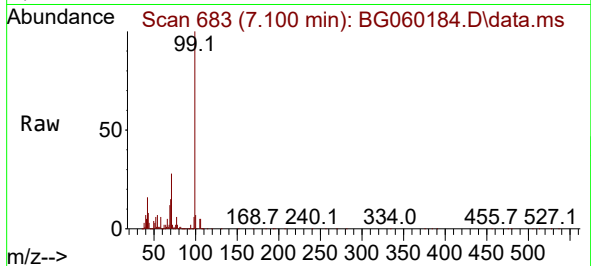
Tgt Ion: 93 Resp: 826755
Ion Ratio Lower Upper
93 100
66 39.1 31.7 47.5
65 19.5 16.7 25.1





#7
Phenol-d6
Concen: 78.974 ng
RT: 7.100 min Scan# 683
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

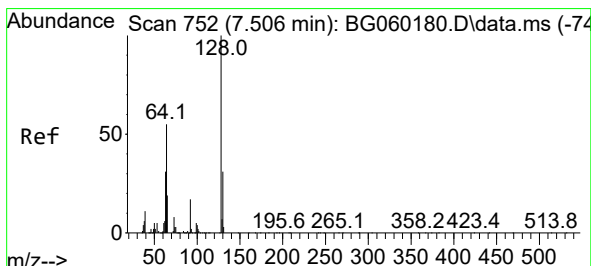
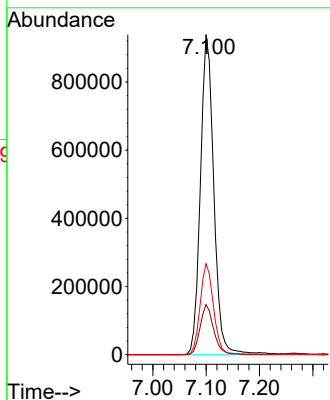
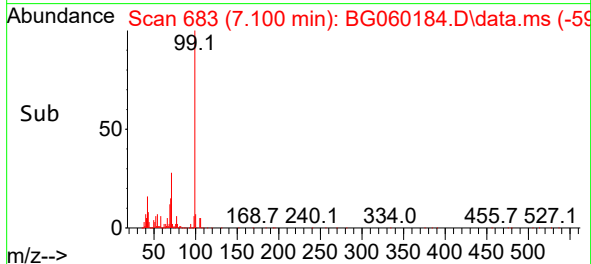
Instrument :
BNA_G
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Tgt Ion: 99 Resp: 164139
Ion Ratio Lower Upper
99 100
42 15.6 12.5 18.7
71 28.4 24.1 36.1

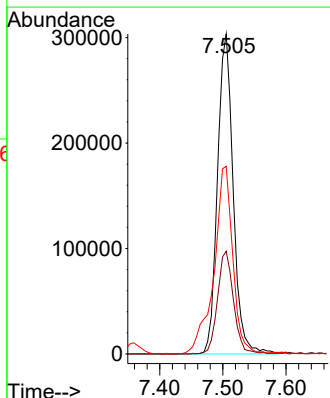
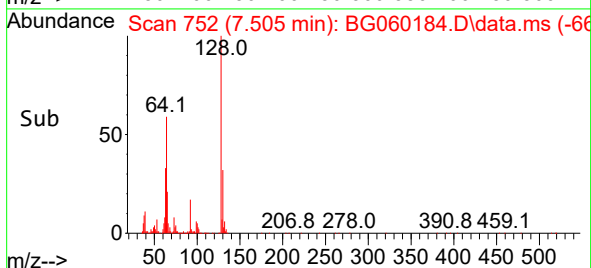
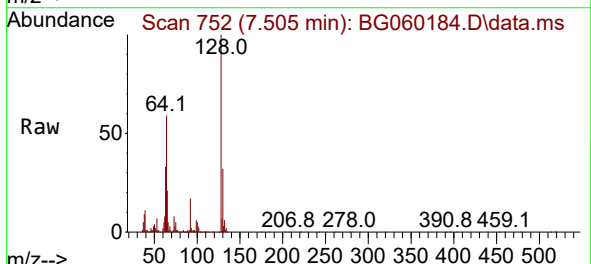
Manual Integrations
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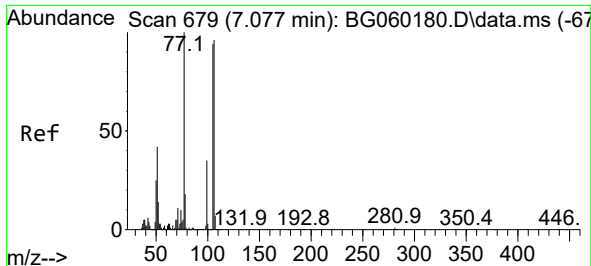
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024



#8
2-Chlorophenol
Concen: 38.934 ng
RT: 7.505 min Scan# 752
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Tgt Ion:128 Resp: 523783
Ion Ratio Lower Upper
128 100
130 32.1 11.3 51.3
64 58.7 36.4 76.4





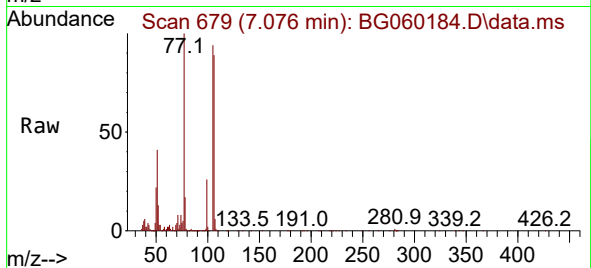
#9
Benzaldehyde
Concen: 37.474 ng
RT: 7.076 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

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ICVBG122923



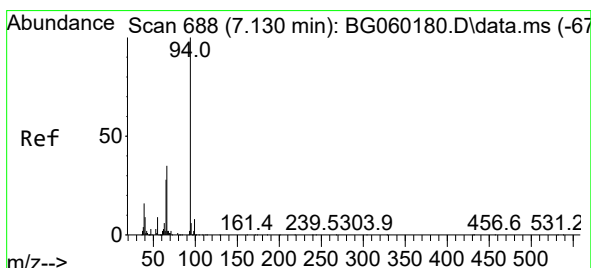
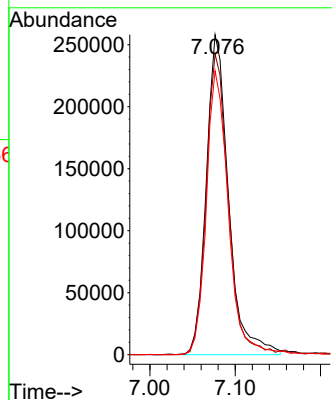
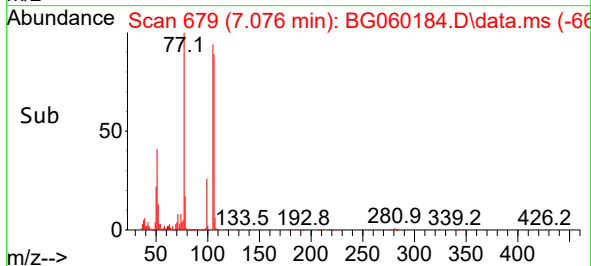
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Ion Ratio Lower Upper
77 100
105 93.9 73.8 113.8
106 88.7 76.2 116.2

Manual Integrations

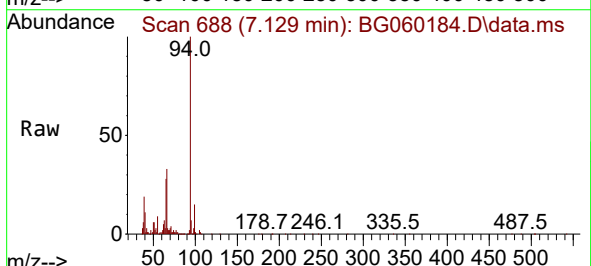
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Reviewed By :Yogesh Patel 01/01/2024

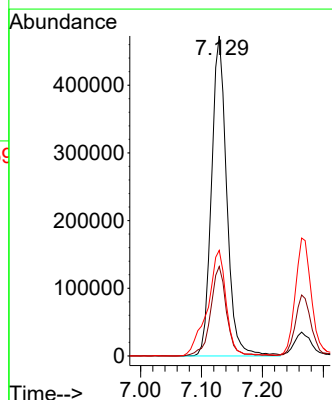
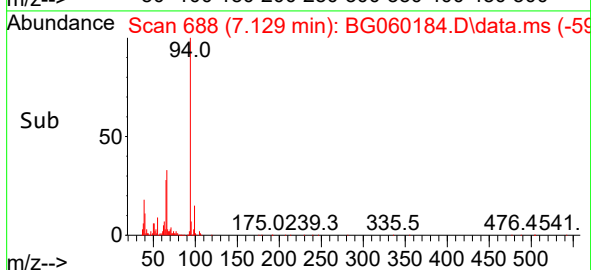
Supervised By :mohammad ahmed 01/01/2024

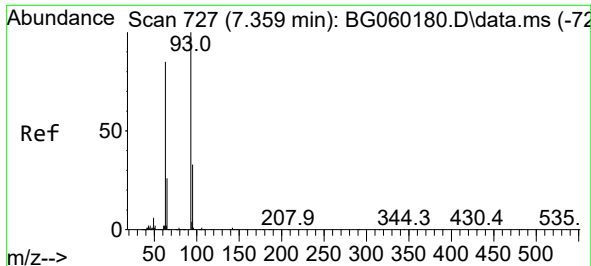


#10
Phenol
Concen: 39.045 ng
RT: 7.129 min Scan# 688
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19



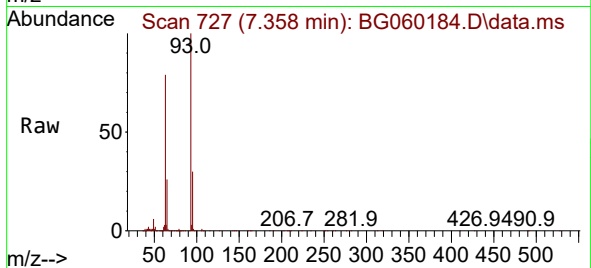
Tgt Ion: 94 Resp: 818354
Ion Ratio Lower Upper
94 100
65 27.9 8.4 48.4
66 33.0 15.0 55.0





#11
bis(2-Chloroethyl)ether
Concen: 39.092 ng
RT: 7.358 min Scan# 727
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

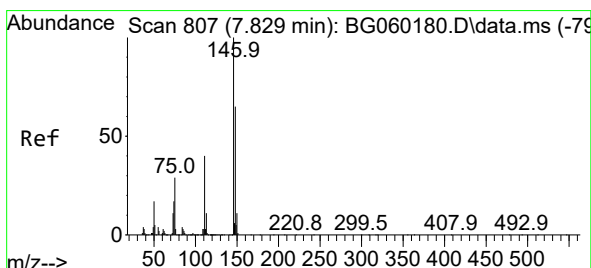
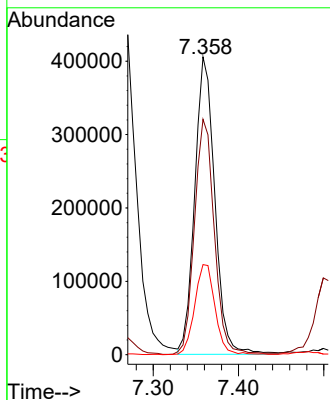
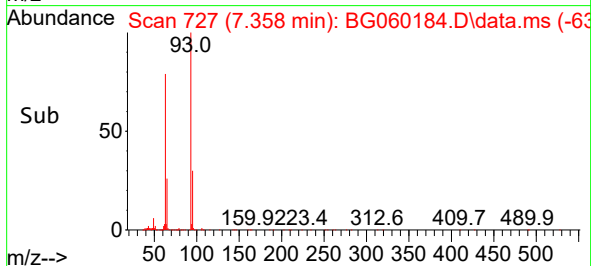
Instrument :
BNA_G
ClientSampleId :
ICVBG122923



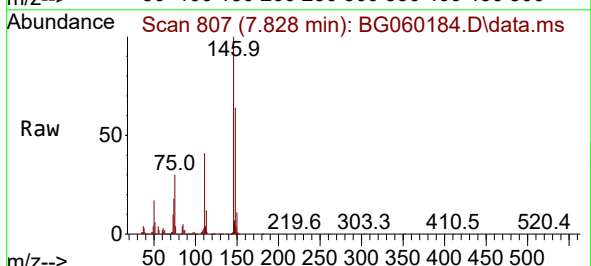
Tgt Ion: 93 Resp: 663009
Ion Ratio Lower Upper
93 100
63 79.0 63.8 103.8
95 30.3 12.3 52.3

Manual Integrations
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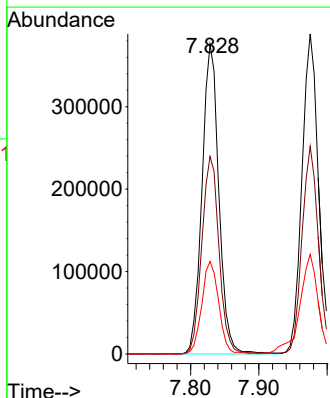
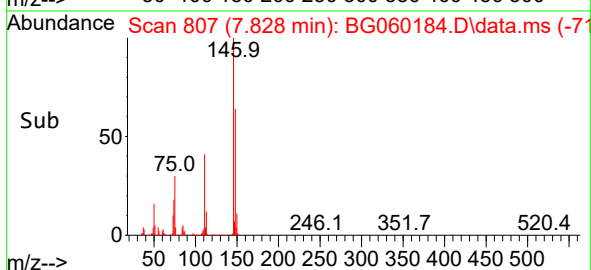
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024

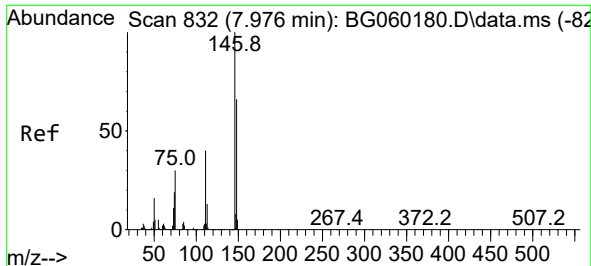


#12
1,3-Dichlorobenzene
Concen: 38.831 ng
RT: 7.828 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19



Tgt Ion:146 Resp: 644881
Ion Ratio Lower Upper
146 100
148 63.8 52.2 78.4
75 29.9 23.4 35.2





#13
1,4-Dichlorobenzene
Concen: 39.303 ng
RT: 7.975 min Scan# 811
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

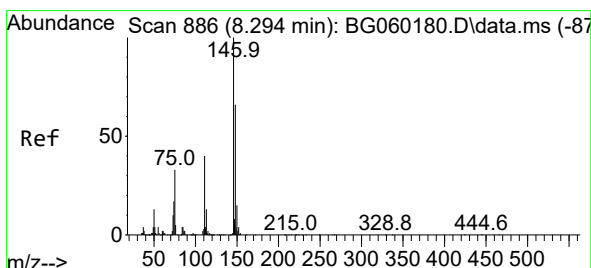
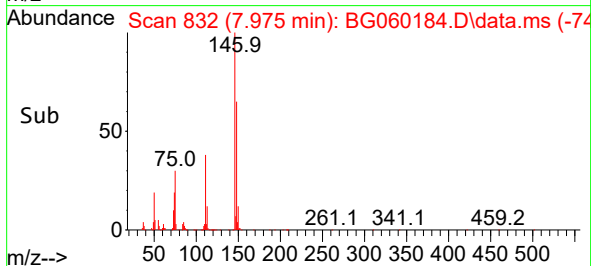
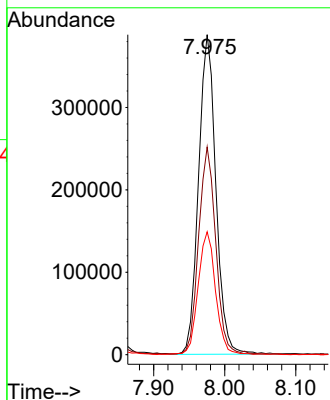
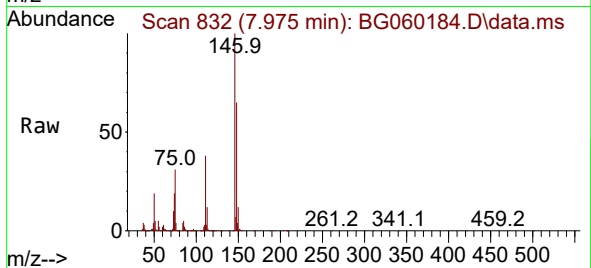
ClientSampleId :

ICVBG122923

Tgt Ion:146 Resp: 659878
Ion Ratio Lower Upper
146 100
148 64.9 53.0 79.4
111 38.4 32.0 48.0

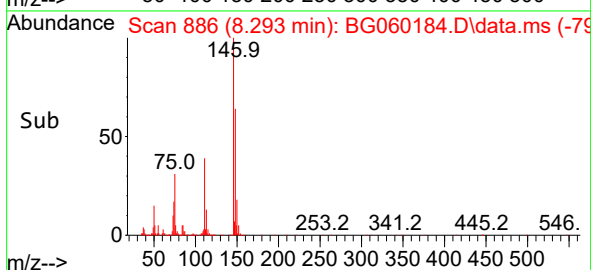
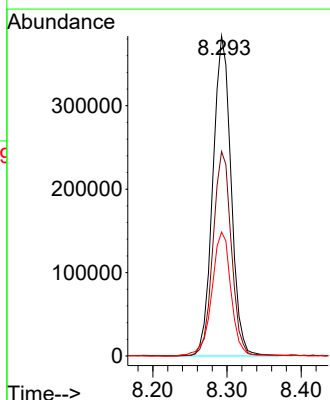
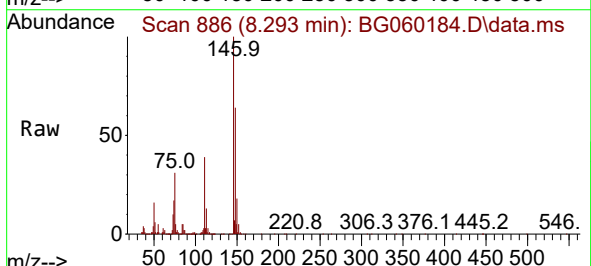
Manual Integrations
APPROVED

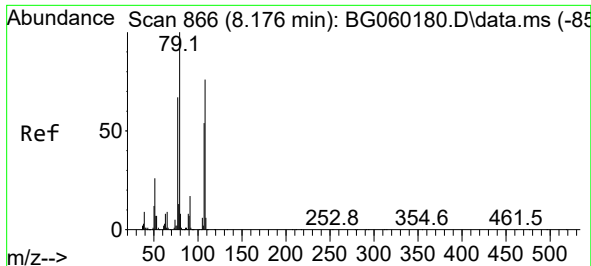
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024



#14
1,2-Dichlorobenzene
Concen: 39.950 ng
RT: 8.293 min Scan# 886
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Tgt Ion:146 Resp: 655732
Ion Ratio Lower Upper
146 100
148 63.9 52.9 79.3
111 38.7 31.8 47.8





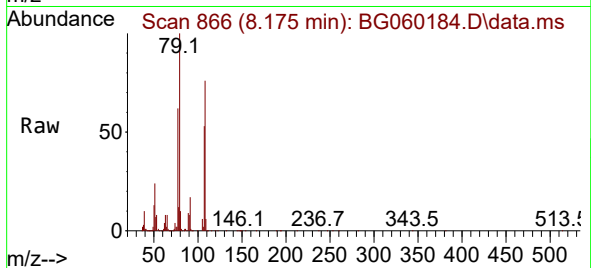
#15
Benzyl Alcohol
Concen: 40.990 ng
RT: 8.175 min Scan# 866
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

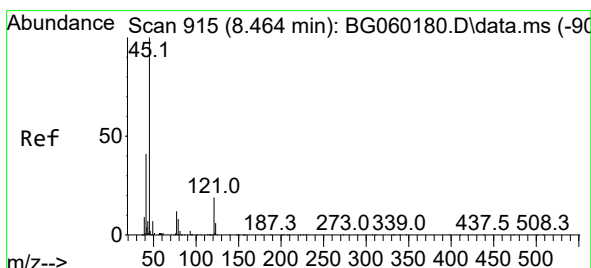
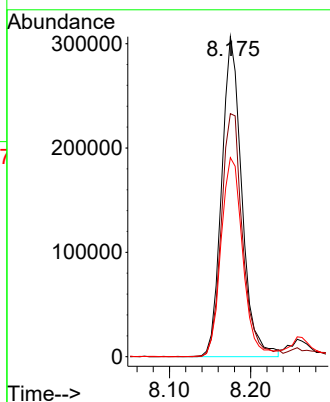
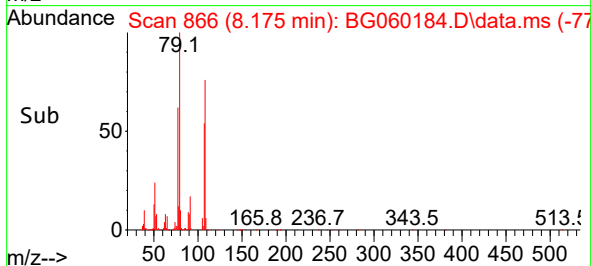
ICVBG122923



Tgt Ion: 79 Resp: 52879
Ion Ratio Lower Upper
79 100
108 76.0 60.6 91.0
77 62.2 53.8 80.6

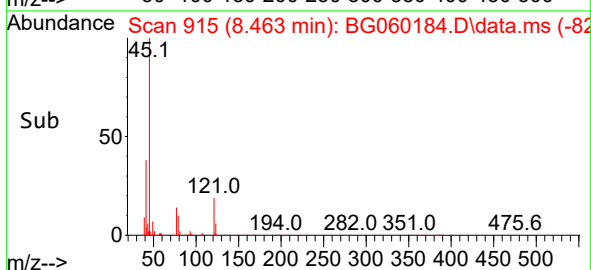
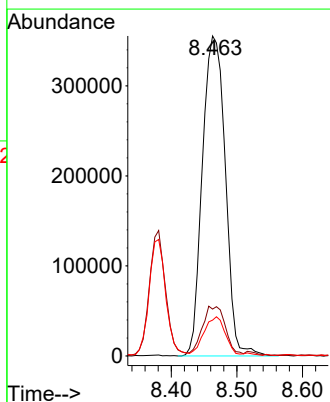
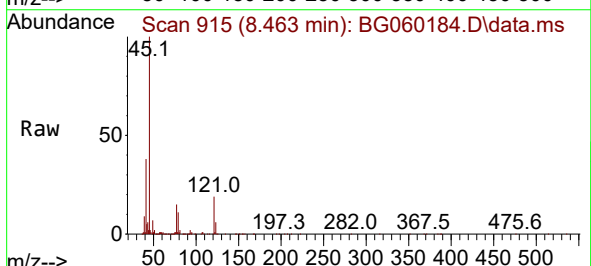
Manual Integrations
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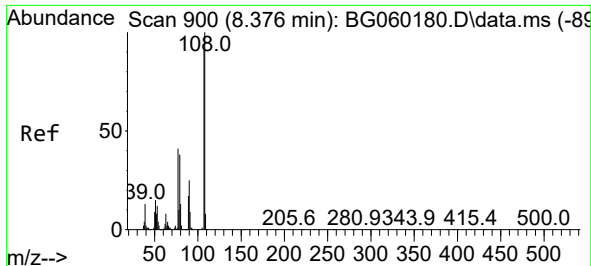
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.737 ng
RT: 8.463 min Scan# 915
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Tgt Ion: 45 Resp: 864939
Ion Ratio Lower Upper
45 100
77 14.7 0.0 35.5
79 11.2 0.0 31.5





#17

2-Methylphenol

Concen: 40.911 ng

RT: 8.381 min Scan# 900

Delta R.T. 0.005 min

Lab File: BG060184.D

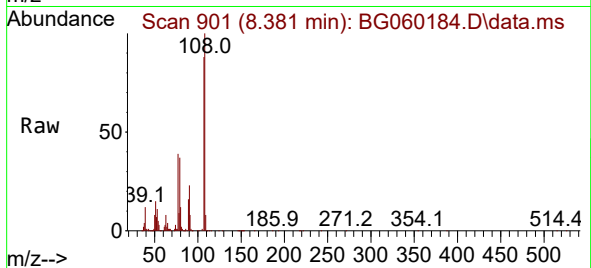
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923



Tgt Ion:107 Resp: 536908

Ion Ratio Lower Upper

107 100

108 113.6 88.7 133.1

77 44.9 36.4 54.6

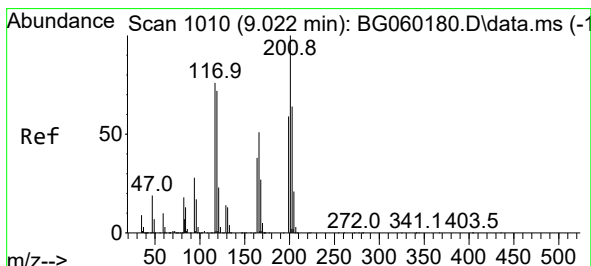
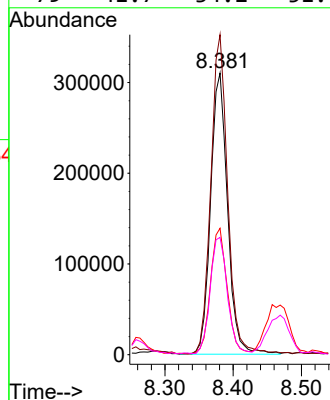
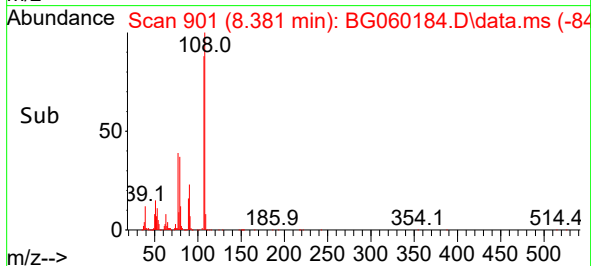
79 41.7 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/01/2024

Supervised By :mohammad ahmed 01/01/2024



#18

Hexachloroethane

Concen: 41.287 ng

RT: 9.021 min Scan# 1010

Delta R.T. -0.001 min

Lab File: BG060184.D

Acq: 29 Dec 2023 17:19

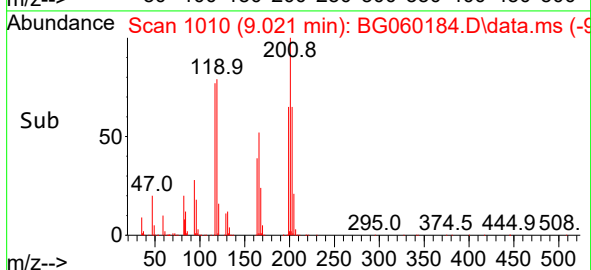
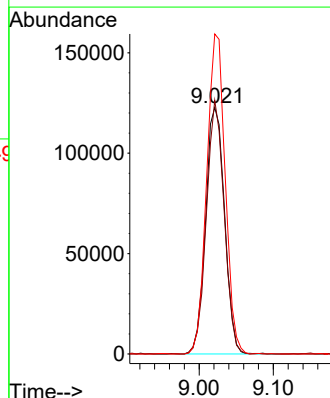
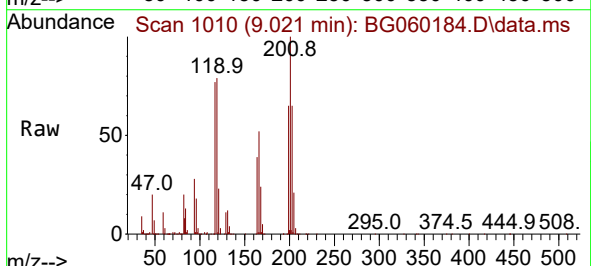
Tgt Ion:117 Resp: 218312

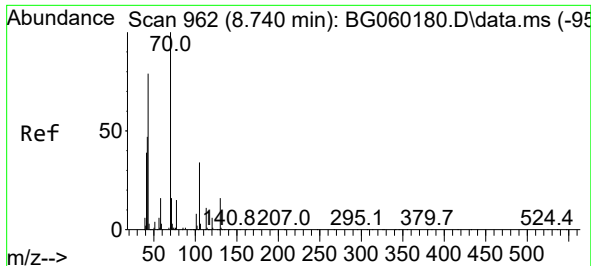
Ion Ratio Lower Upper

117 100

119 102.9 76.0 114.0

201 132.9 107.5 161.3





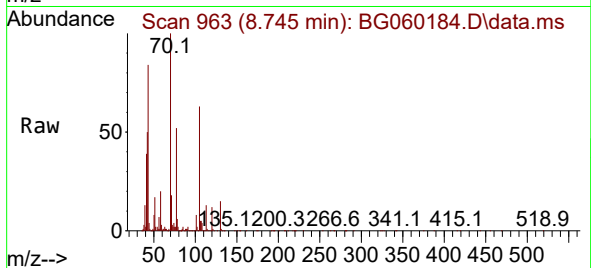
#19
n-Nitroso-di-n-propylamine
Concen: 40.841 ng
RT: 8.745 min Scan# 90
Delta R.T. 0.005 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923



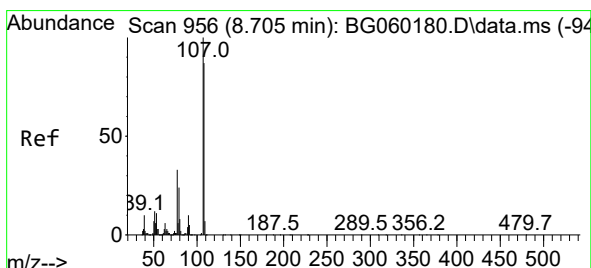
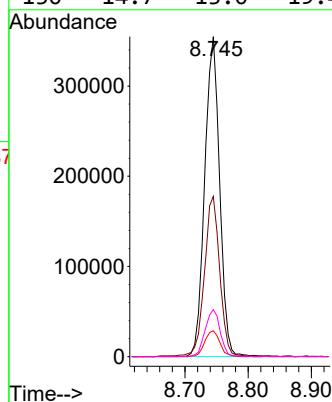
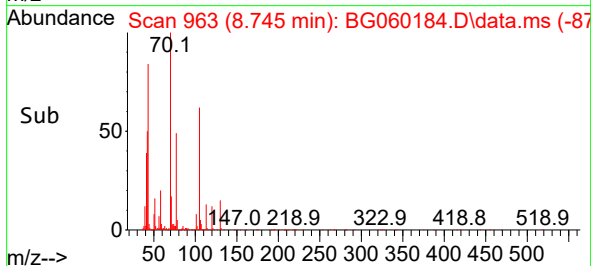
Tgt Ion: 70 Resp: 57989
Ion Ratio Lower Upper
70 100
42 50.1 37.9 56.9
101 8.1 6.2 9.2
130 14.7 13.0 19.4

Manual Integrations

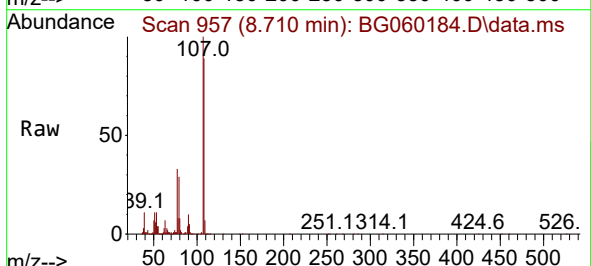
APPROVED

Reviewed By :Yogesh Patel 01/01/2024

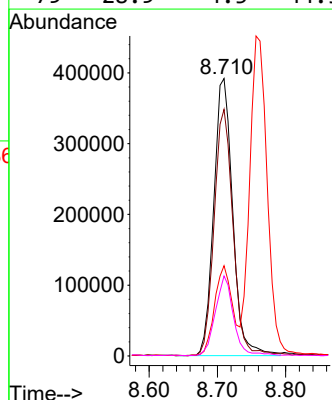
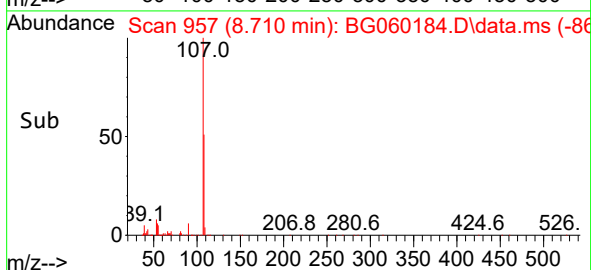
Supervised By :mohammad ahmed 01/01/2024

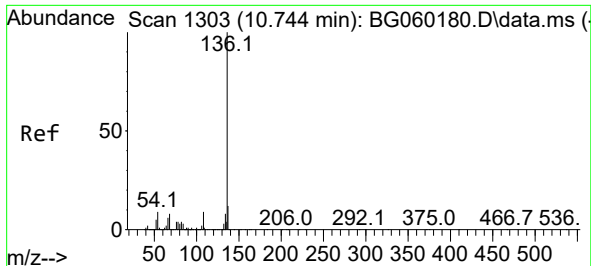


#20
3+4-Methylphenols
Concen: 40.755 ng
RT: 8.710 min Scan# 957
Delta R.T. 0.005 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19



Tgt Ion:107 Resp: 758049
Ion Ratio Lower Upper
107 100
108 88.9 67.4 107.4
77 32.6 12.8 52.8
79 28.9 4.5 44.5





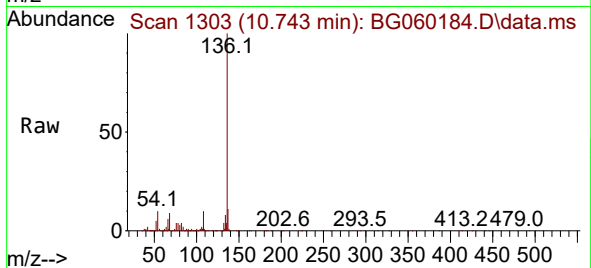
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1303
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923

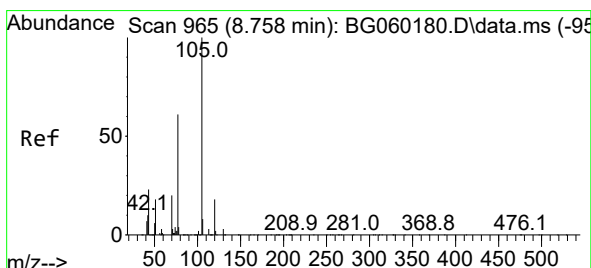
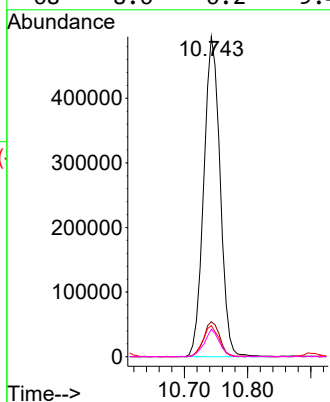
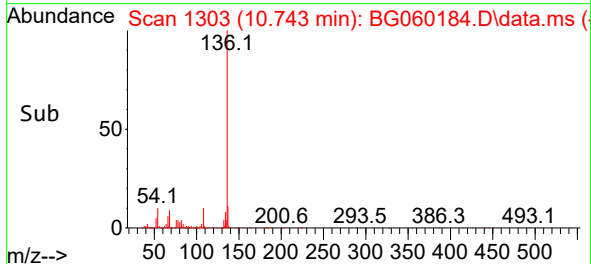


Tgt Ion:136 Resp: 886520
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 9.7 7.4 11.2
68 8.6 6.2 9.4

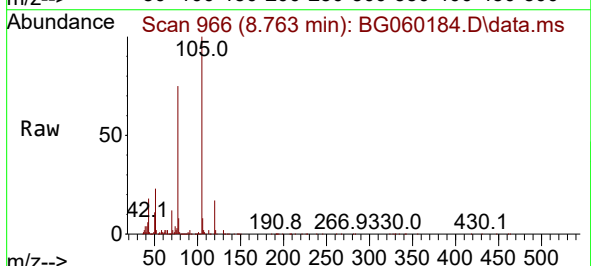
Manual Integrations

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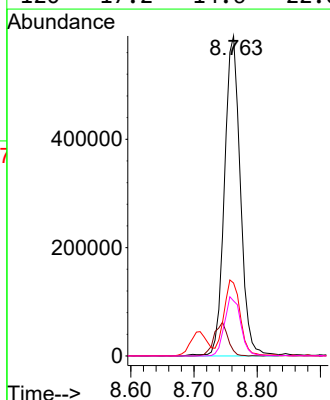
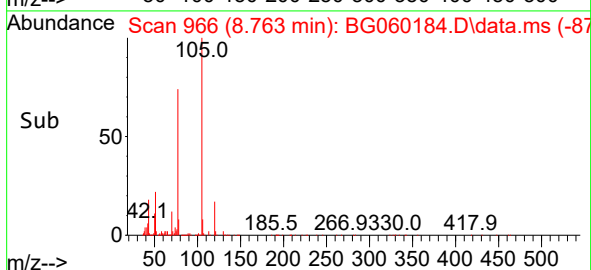
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024

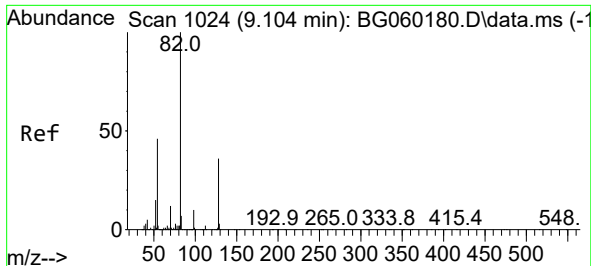


#22
Acetophenone
Concen: 39.258 ng
RT: 8.763 min Scan# 966
Delta R.T. 0.005 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19



Tgt Ion:105 Resp: 1031156
Ion Ratio Lower Upper
105 100
71 1.7 2.6 3.8
51 22.8 20.0 30.0
120 17.2 14.6 22.0





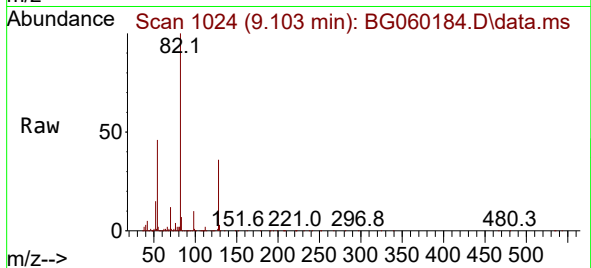
#23
Nitrobenzene-d5
Concen: 82.184 ng
RT: 9.103 min Scan# 1024
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923



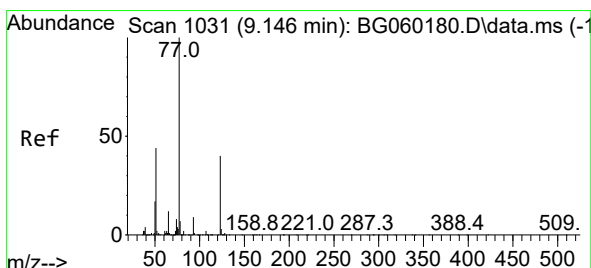
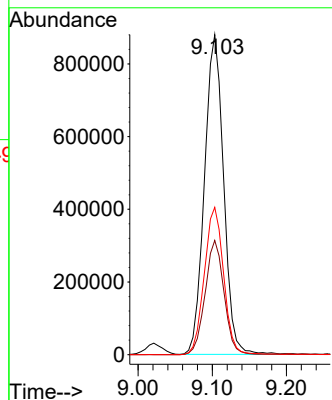
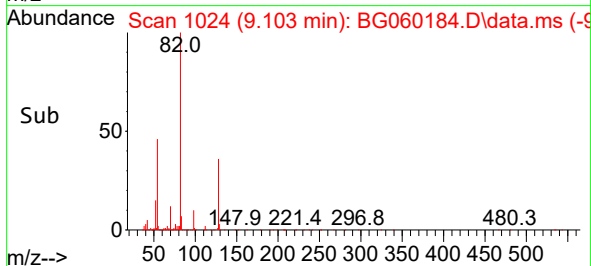
Tgt Ion: 82 Resp: 157735
Ion Ratio Lower Upper
82 100
128 35.7 28.7 43.1
54 46.0 36.9 55.3

Manual Integrations

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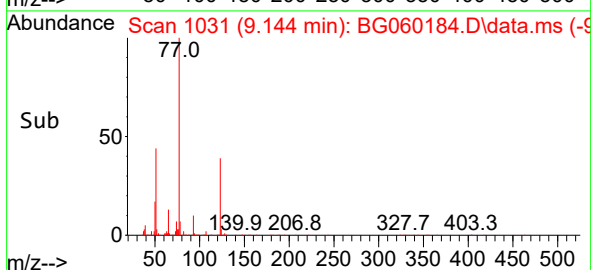
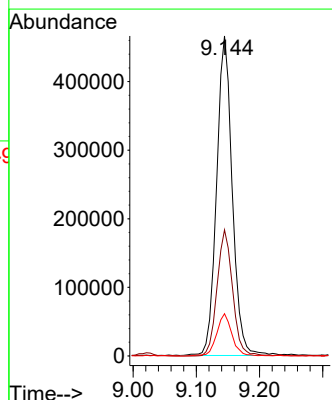
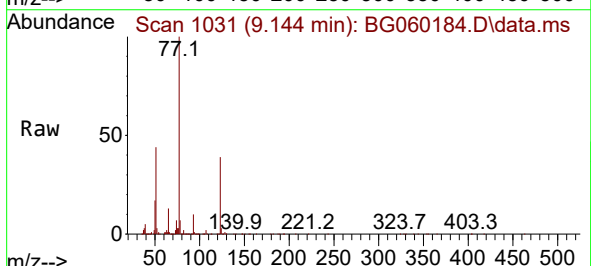
Reviewed By :Yogesh Patel 01/01/2024

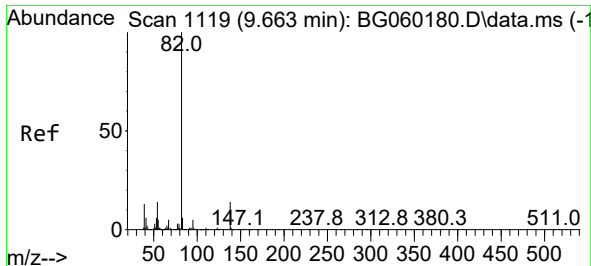
Supervised By :mohammad ahmed 01/01/2024



#24
Nitrobenzene
Concen: 40.904 ng
RT: 9.144 min Scan# 1031
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

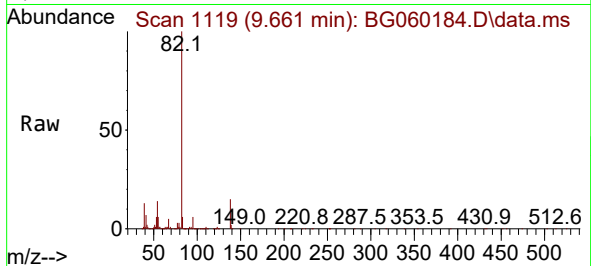
Tgt Ion: 77 Resp: 803241
Ion Ratio Lower Upper
77 100
123 39.4 31.9 47.9
65 13.2 9.9 14.9





#25
Isophorone
Concen: 39.695 ng
RT: 9.661 min Scan# 1119
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

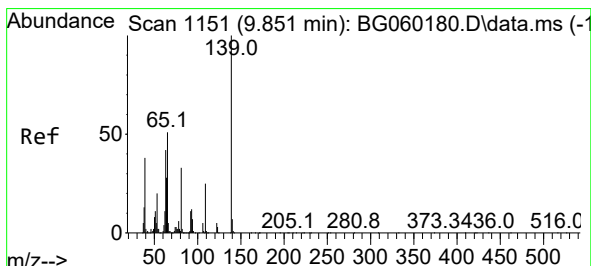
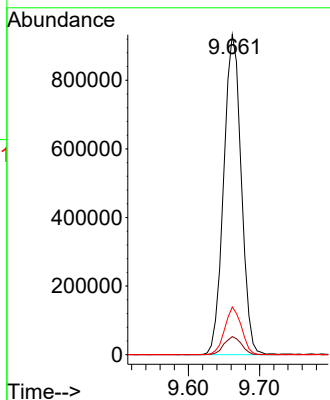
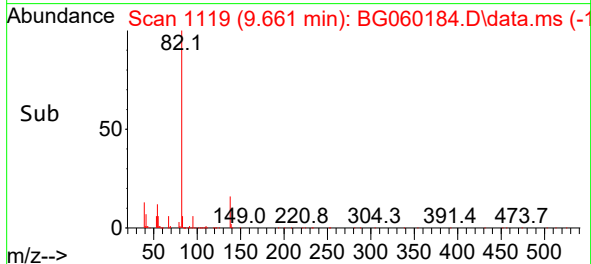
Instrument :
BNA_G
ClientSampleId :
ICVBG122923



Tgt Ion: 82 Resp: 159400
Ion Ratio Lower Upper
82 100
95 5.7 4.4 6.6
138 14.9 11.5 17.3

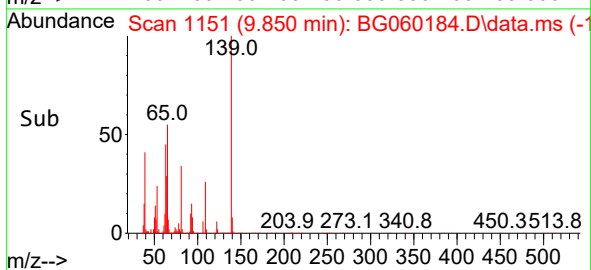
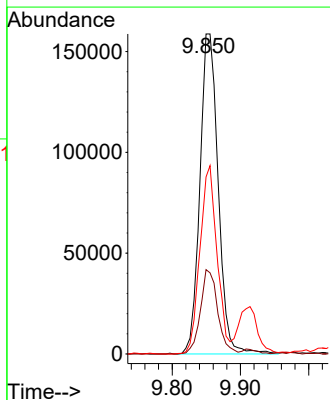
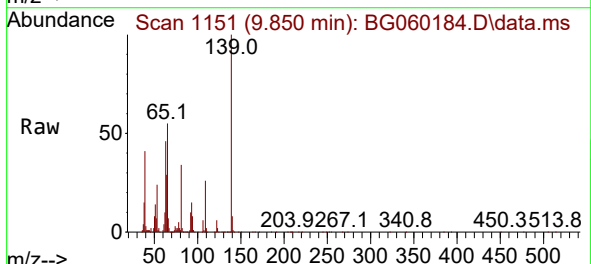
Manual Integrations
APPROVED

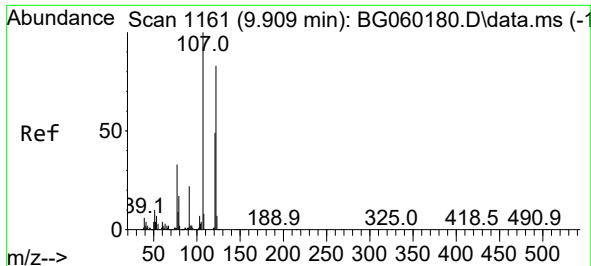
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024



#26
2-Nitrophenol
Concen: 43.316 ng
RT: 9.850 min Scan# 1151
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Tgt Ion:139 Resp: 296818
Ion Ratio Lower Upper
139 100
109 26.3 19.8 29.8
65 55.3 40.8 61.2





#27

2,4-Dimethylphenol

Concen: 40.015 ng

RT: 9.908 min Scan# 1161

Delta R.T. -0.001 min

Lab File: BG060184.D

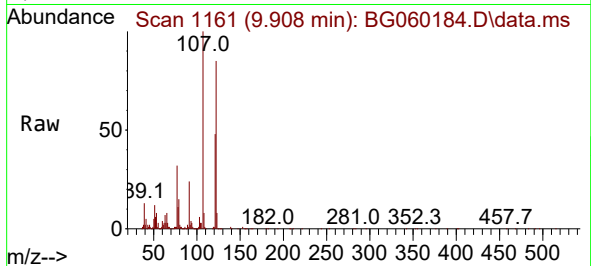
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923



Tgt Ion:122 Resp: 38840

Ion Ratio Lower Upper

122 100

107 117.4 95.8 143.6

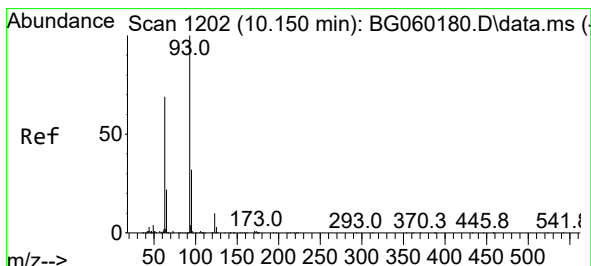
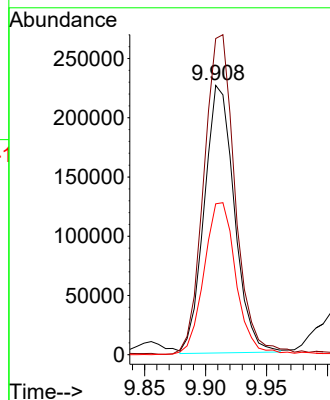
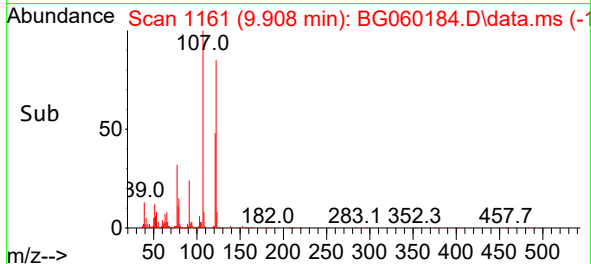
121 56.0 46.2 69.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/01/2024

Supervised By :mohammad ahmed 01/01/2024



#28

bis(2-Chloroethoxy)methane

Concen: 39.691 ng

RT: 10.149 min Scan# 1202

Delta R.T. -0.001 min

Lab File: BG060184.D

Acq: 29 Dec 2023 17:19

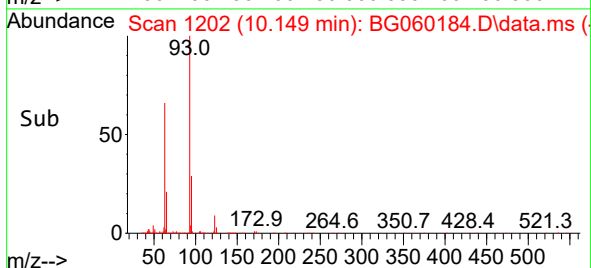
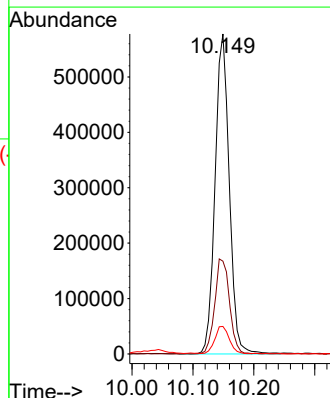
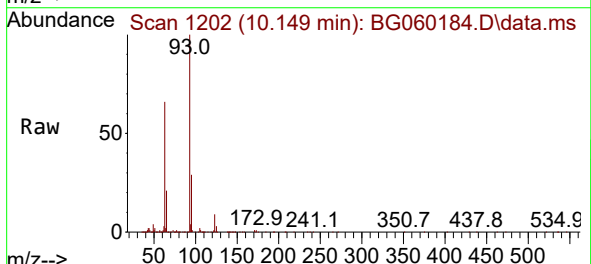
Tgt Ion: 93 Resp: 933504

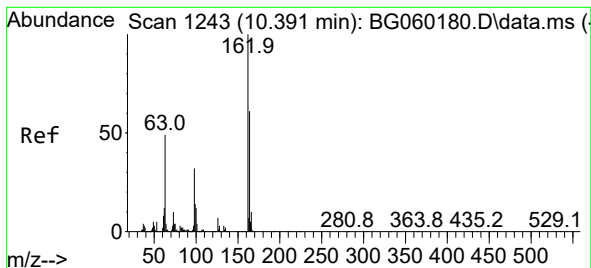
Ion Ratio Lower Upper

93 100

95 29.0 25.8 38.6

123 8.6 7.8 11.6





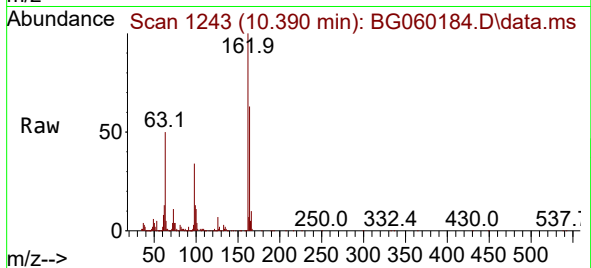
#29
2,4-Dichlorophenol
Concen: 41.832 ng
RT: 10.390 min Scan# 1243
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923

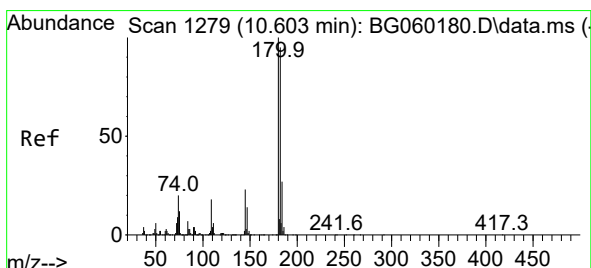
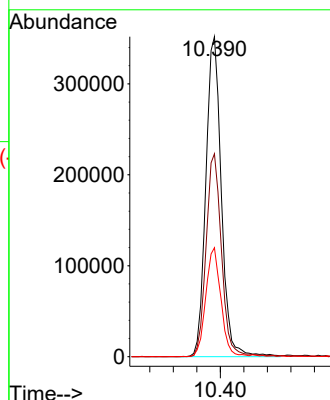
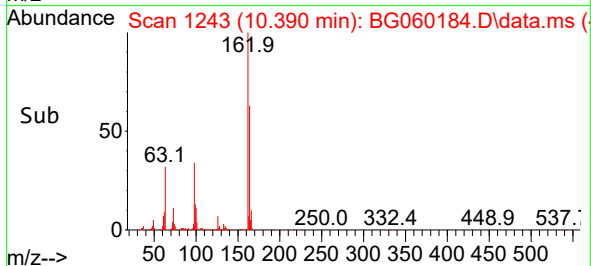


Tgt Ion:162 Resp: 641710
Ion Ratio Lower Upper
162 100
164 63.4 40.7 80.7
98 34.1 11.7 51.7

Manual Integrations

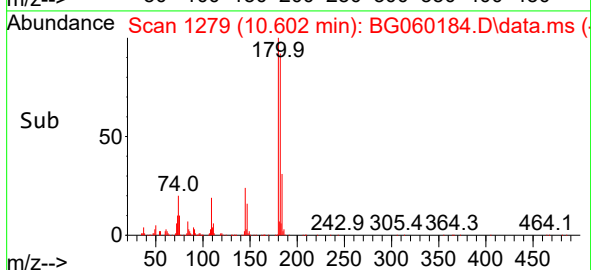
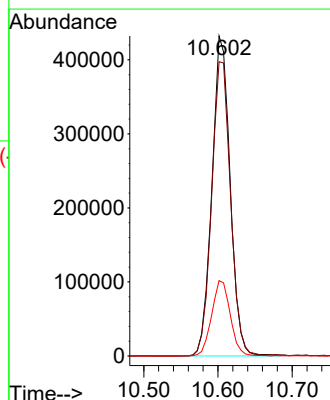
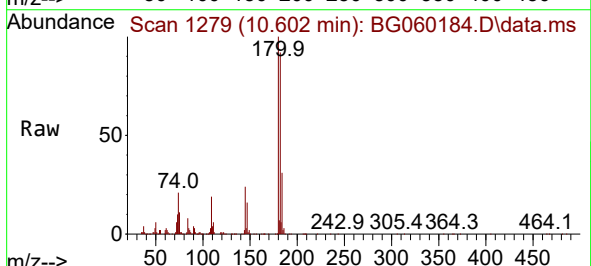
APPROVED

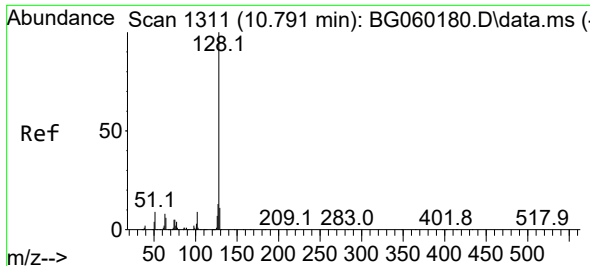
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024



#30
1,2,4-Trichlorobenzene
Concen: 39.425 ng
RT: 10.602 min Scan# 1279
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

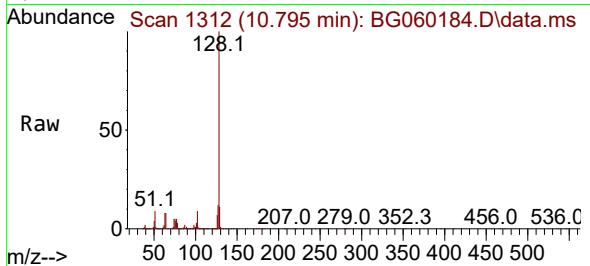
Tgt Ion:180 Resp: 736123
Ion Ratio Lower Upper
180 100
182 92.0 75.7 113.5
145 23.6 18.4 27.6





#31
Naphthalene
Concen: 39.607 ng
RT: 10.795 min Scan# 1184
Delta R.T. 0.005 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

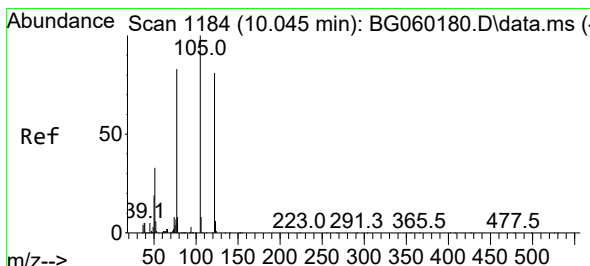
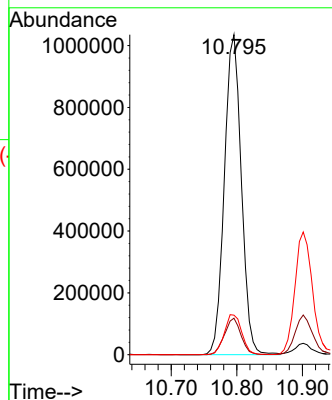
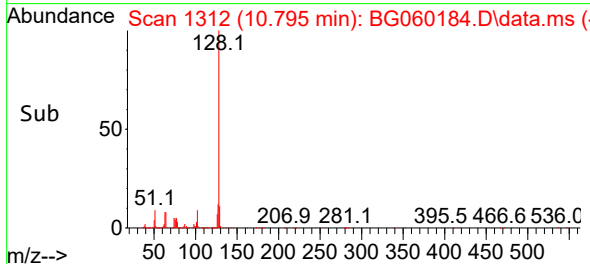
Instrument :
BNA_G
ClientSampleId :
ICVBG122923



Tgt Ion:128 Resp: 185374
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 12.4 10.6 16.0

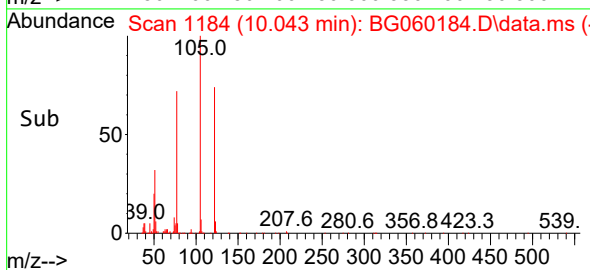
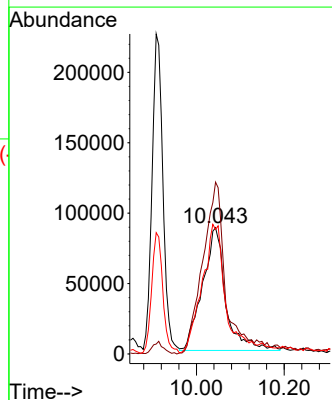
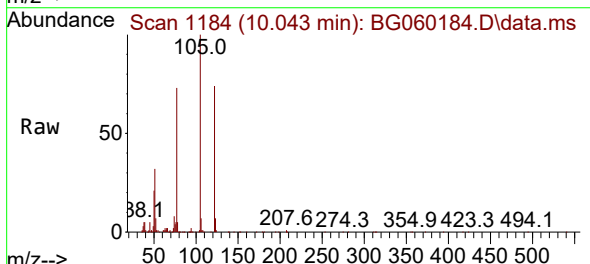
Manual Integrations
APPROVED

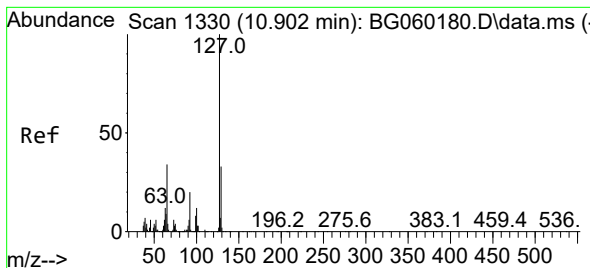
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024



#32
Benzoic acid
Concen: 39.369 ng m
RT: 10.043 min Scan# 1184
Delta R.T. -0.002 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Tgt Ion:122 Resp: 321121
Ion Ratio Lower Upper
122 100
105 136.0 99.2 139.2
77 98.6 81.0 121.0





#33
4-Chloroaniline
Concen: 41.091 ng
RT: 10.901 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923

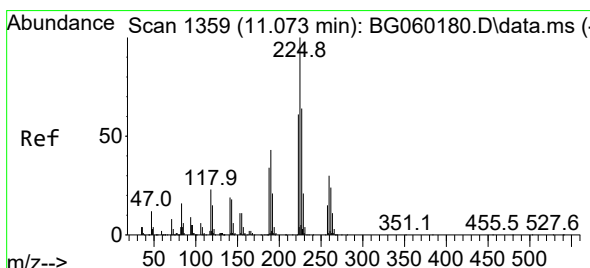
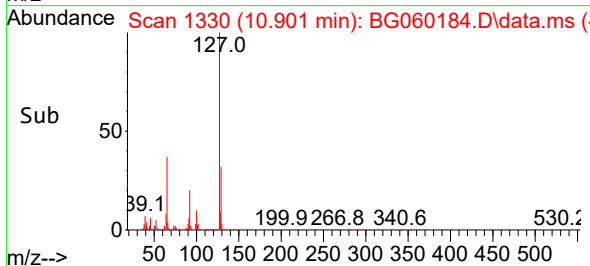
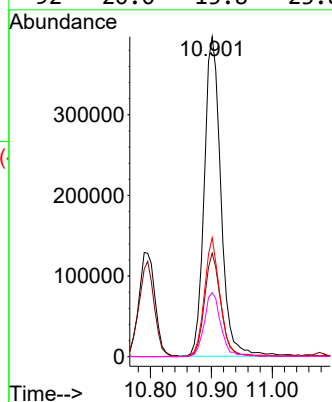
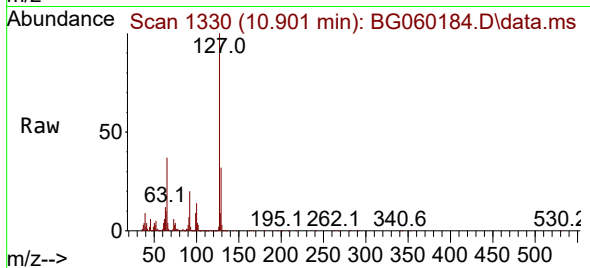
Tgt Ion:127 Resp: 751074
Ion Ratio Lower Upper
127 100
129 32.4 26.0 39.0
65 37.2 27.4 41.0
92 20.0 15.8 23.8

Manual Integrations

APPROVED

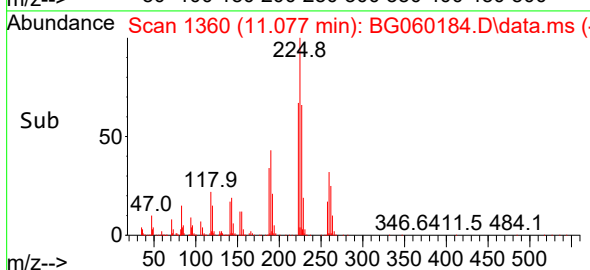
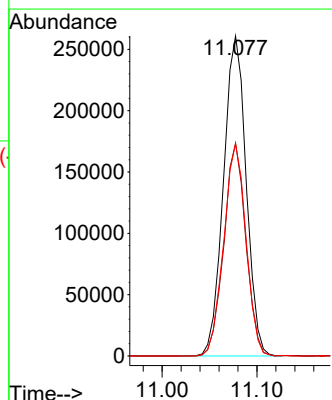
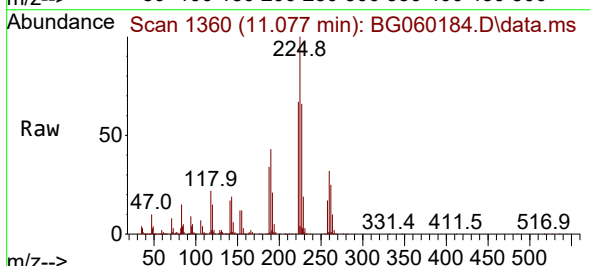
Reviewed By :Yogesh Patel 01/01/2024

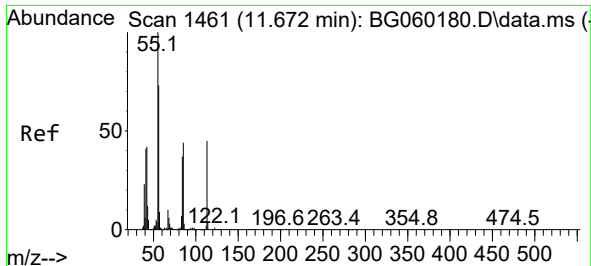
Supervised By :mohammad ahmed 01/01/2024



#34
Hexachlorobutadiene
Concen: 38.979 ng
RT: 11.077 min Scan# 1360
Delta R.T. 0.005 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

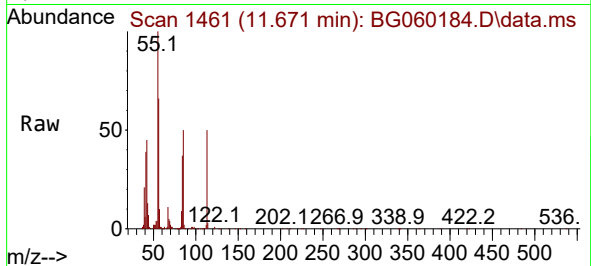
Tgt Ion:225 Resp: 432850
Ion Ratio Lower Upper
225 100
223 66.5 49.0 73.6
227 69.7 51.0 76.4





#35
Caprolactam
Concen: 42.862 ng m
RT: 11.671 min Scan# 1461
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

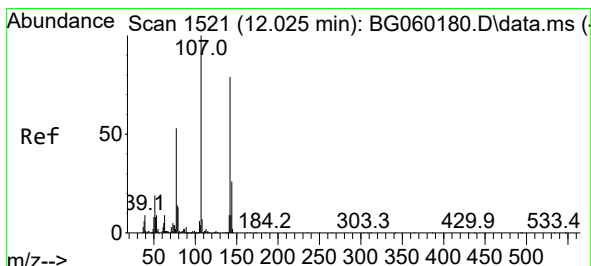
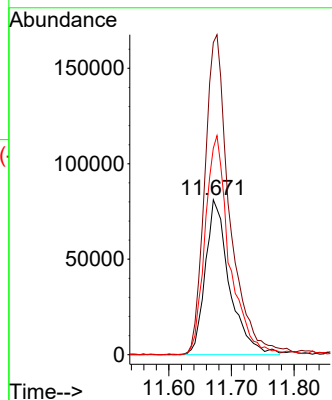
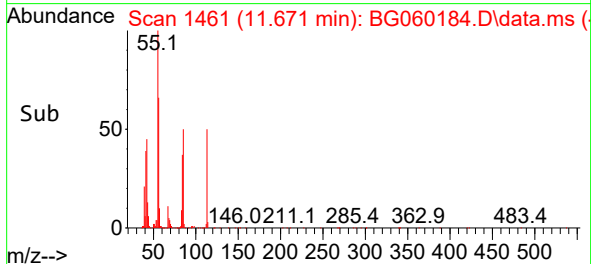
Instrument :
BNA_G
ClientSampleId :
ICVBG122923



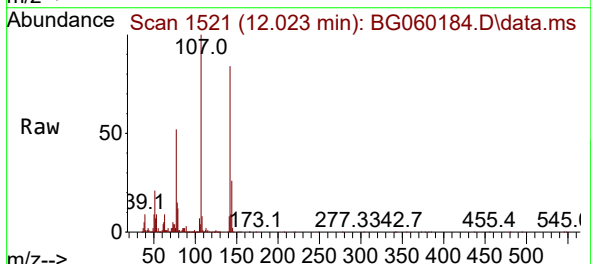
Tgt Ion:113 Resp: 218719
Ion Ratio Lower Upper
113 100
55 201.5 202.1 242.1
56 133.3 142.4 182.4

Manual Integrations
APPROVED

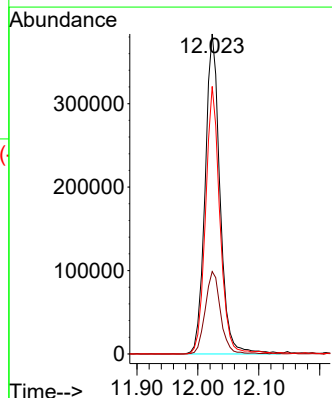
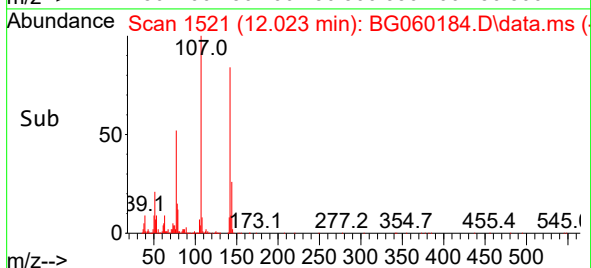
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024

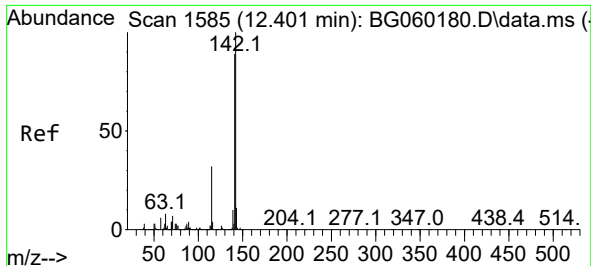


#36
4-Chloro-3-methylphenol
Concen: 41.273 ng
RT: 12.023 min Scan# 1521
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19



Tgt Ion:107 Resp: 651597
Ion Ratio Lower Upper
107 100
144 25.7 20.8 31.2
142 83.6 63.4 95.2





#37
2-Methylnaphthalene
Concen: 40.926 ng
RT: 12.399 min Scan# 1585
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

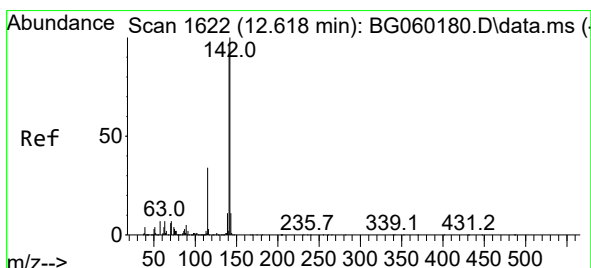
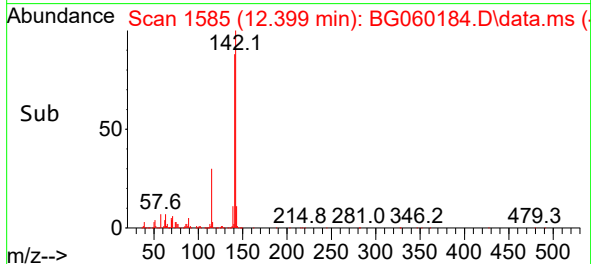
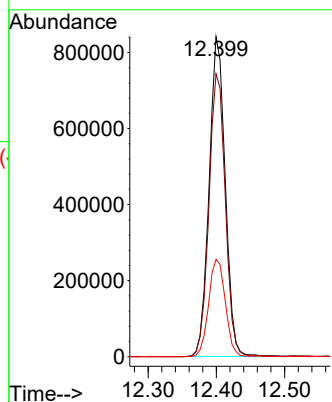
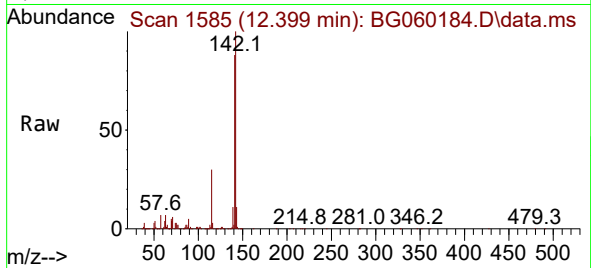
ICVBG122923

Tgt Ion:142 Resp: 138353
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7
115 30.4 25.5 38.3

Manual Integrations

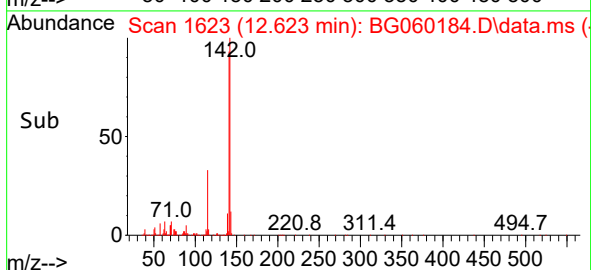
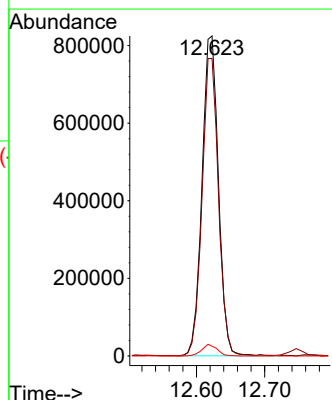
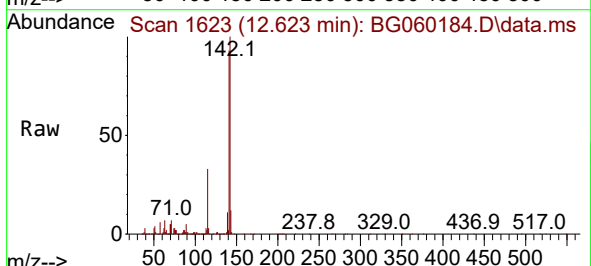
APPROVED

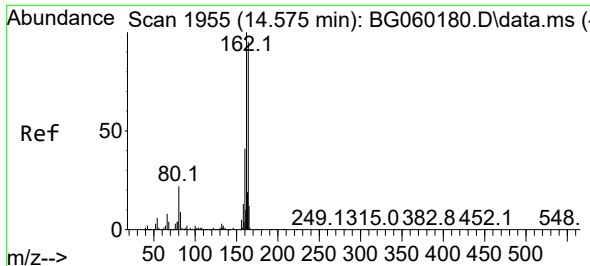
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024



#38
1-Methylnaphthalene
Concen: 40.306 ng
RT: 12.623 min Scan# 1623
Delta R.T. 0.005 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Tgt Ion:142 Resp: 1377631
Ion Ratio Lower Upper
142 100
141 93.0 76.6 114.8
116 3.0 2.6 3.8





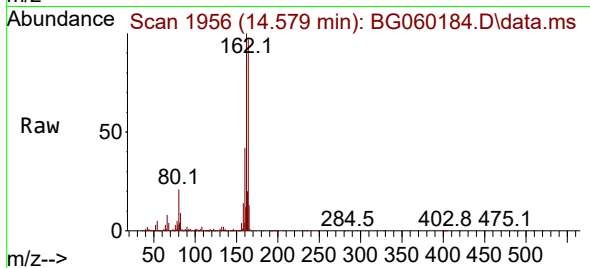
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.579 min Scan# 1955
Delta R.T. 0.005 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923



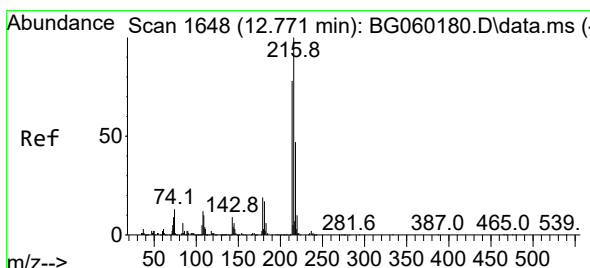
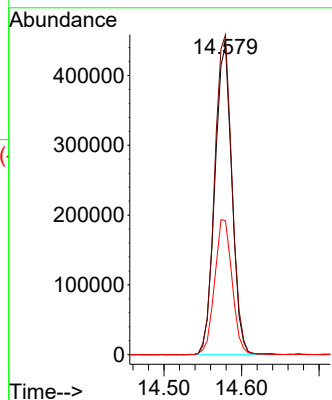
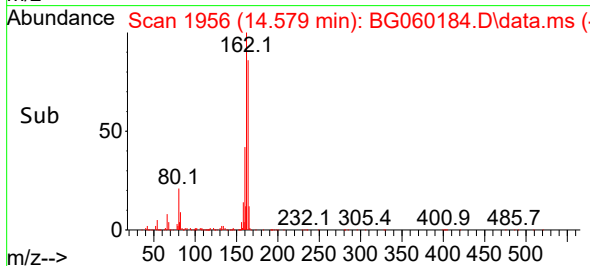
Tgt Ion:164 Resp: 679580
Ion Ratio Lower Upper
164 100
162 103.5 83.9 125.9
160 43.3 34.2 51.4

Manual Integrations

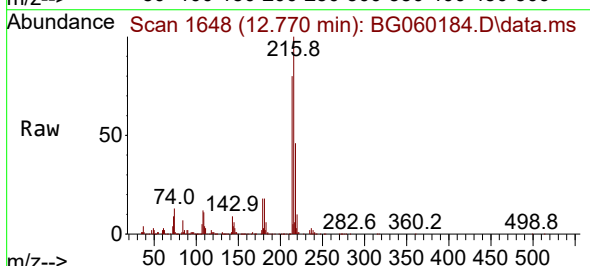
APPROVED

Reviewed By :Yogesh Patel 01/01/2024

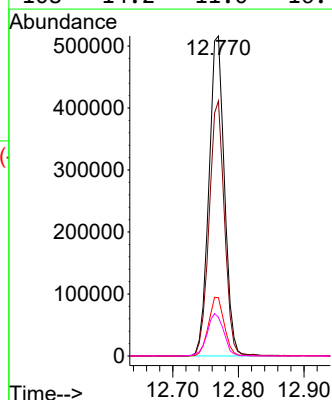
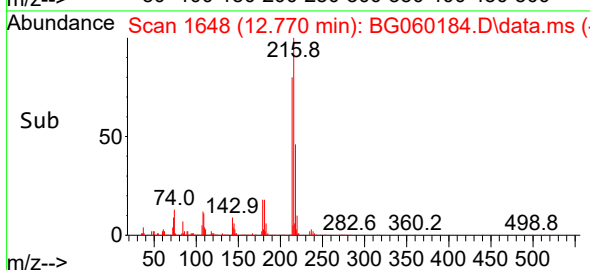
Supervised By :mohammad ahmed 01/01/2024

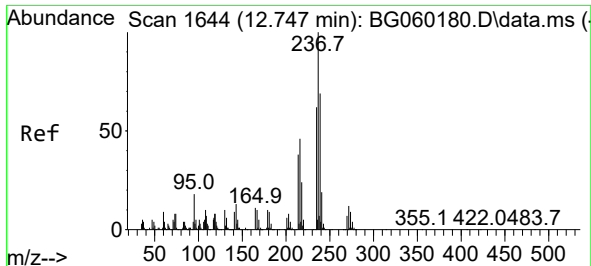


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.053 ng
RT: 12.770 min Scan# 1648
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19



Tgt Ion:216 Resp: 850125
Ion Ratio Lower Upper
216 100
214 78.3 63.4 95.0
179 18.6 15.2 22.8
108 14.2 11.0 16.4





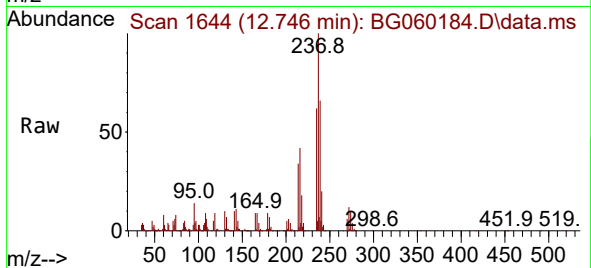
#41
Hexachlorocyclopentadiene
Concen: 40.422 ng
RT: 12.746 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923

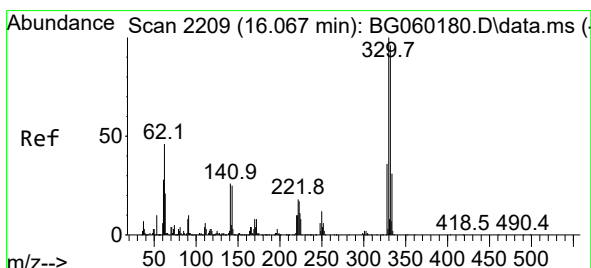
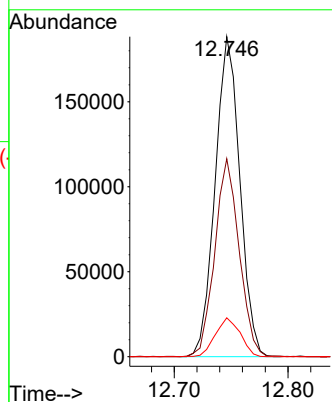
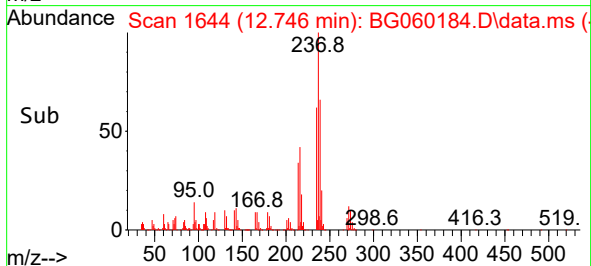


Tgt Ion:237 Resp: 28441
Ion Ratio Lower Upper
237 100
235 61.8 42.2 82.2
272 12.1 0.0 32.0

Manual Integrations

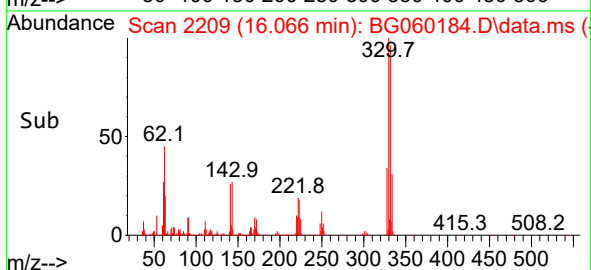
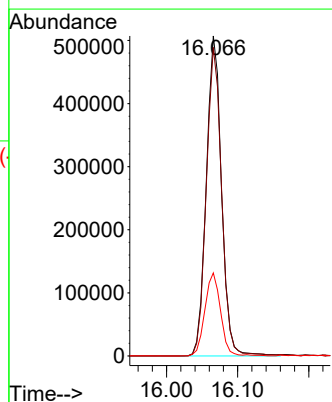
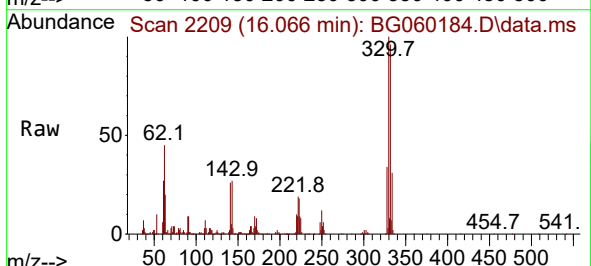
APPROVED

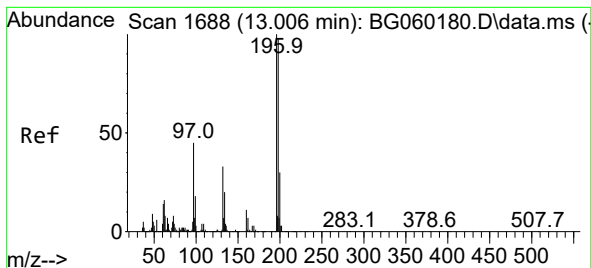
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024



#42
2,4,6-Tribromophenol
Concen: 83.350 ng
RT: 16.066 min Scan# 2209
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Tgt Ion:330 Resp: 758226
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 26.4 21.0 31.4





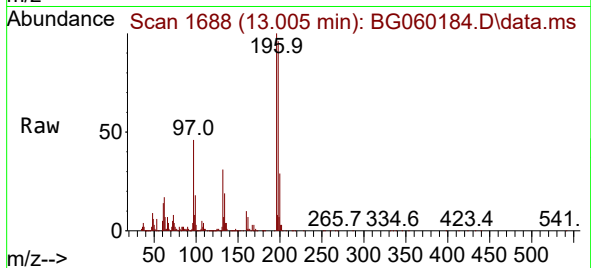
#43
2,4,6-Trichlorophenol
Concen: 41.076 ng
RT: 13.005 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923



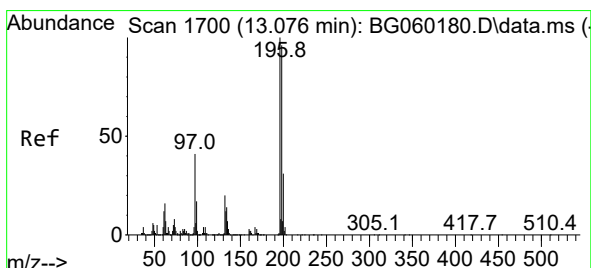
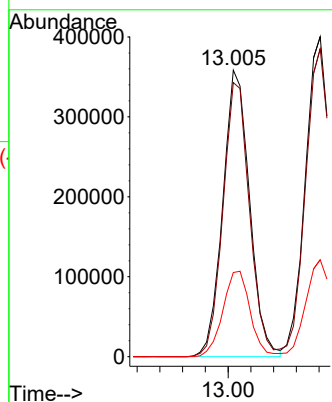
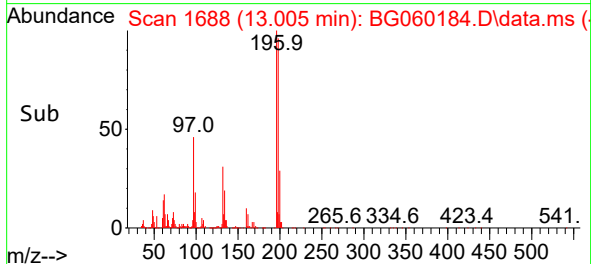
Tgt Ion:196 Resp: 587588
Ion Ratio Lower Upper
196 100
198 95.7 78.3 117.5
200 29.4 23.9 35.9

Manual Integrations

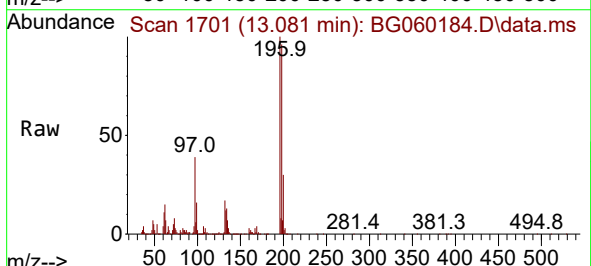
APPROVED

Reviewed By :Yogesh Patel 01/01/2024

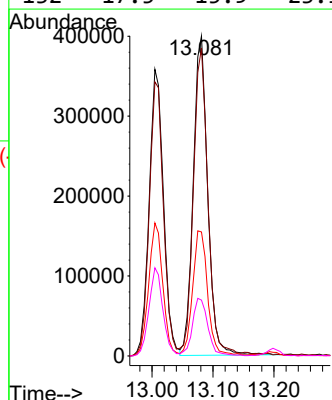
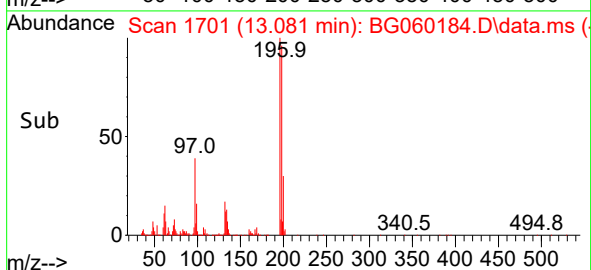
Supervised By :mohammad ahmed 01/01/2024

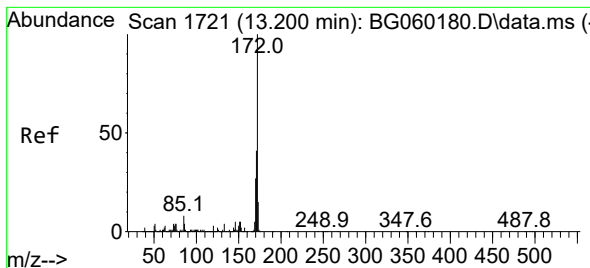


#44
2,4,5-Trichlorophenol
Concen: 41.218 ng
RT: 13.081 min Scan# 1701
Delta R.T. 0.005 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19



Tgt Ion:196 Resp: 659583
Ion Ratio Lower Upper
196 100
198 96.2 76.6 115.0
97 38.8 32.9 49.3
132 17.5 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 79.166 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923

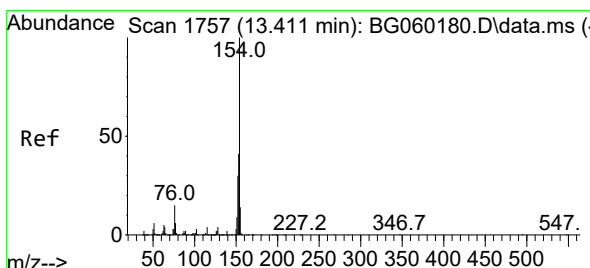
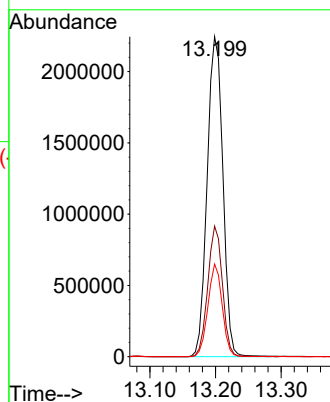
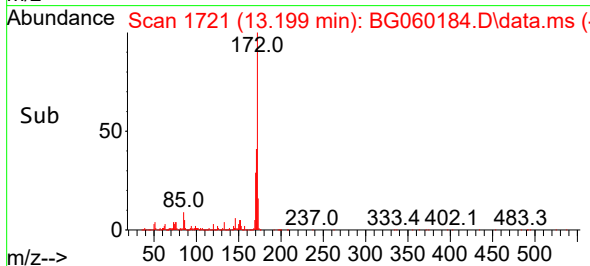
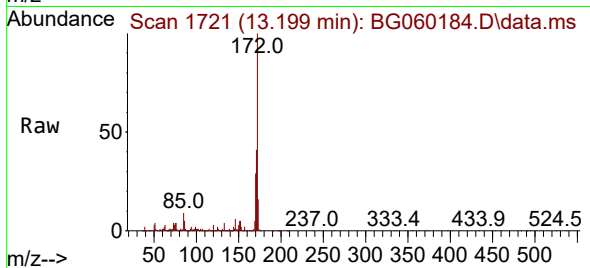
Tgt Ion:172 Resp: 374330
Ion Ratio Lower Upper
172 100
171 40.8 32.6 48.8
170 29.0 21.8 32.6

Manual Integrations

APPROVED

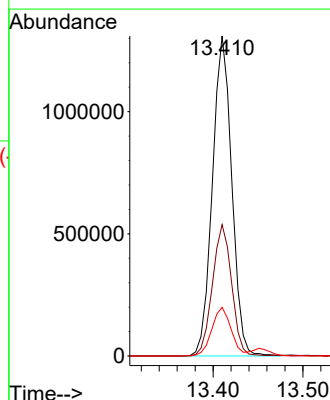
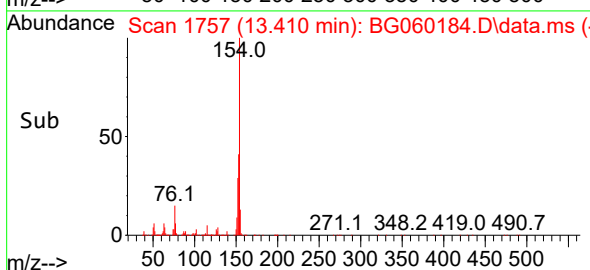
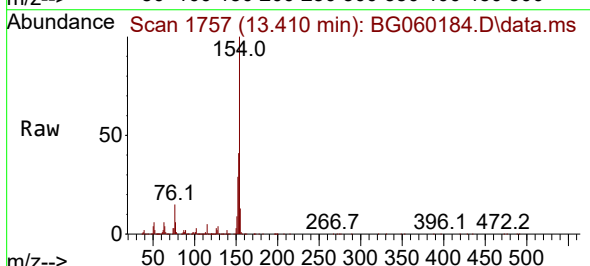
Reviewed By :Yogesh Patel 01/01/2024

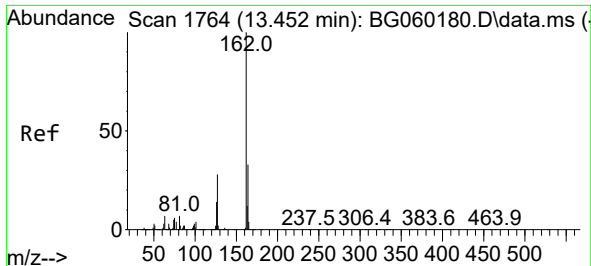
Supervised By :mohammad ahmed 01/01/2024



#46
1,1'-Biphenyl
Concen: 39.164 ng
RT: 13.410 min Scan# 1757
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Tgt Ion:154 Resp: 1958149
Ion Ratio Lower Upper
154 100
153 41.1 20.9 60.9
76 15.2 0.0 35.4





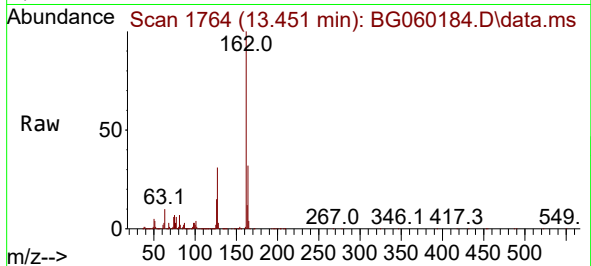
#47
2-Chloronaphthalene
Concen: 39.440 ng
RT: 13.451 min Scan# 1764
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923



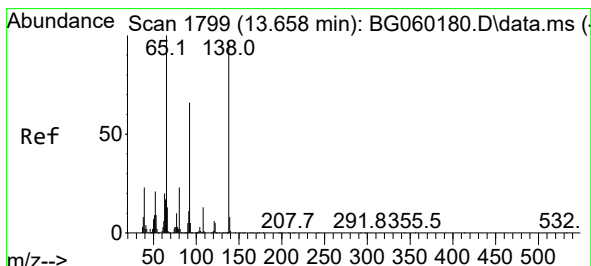
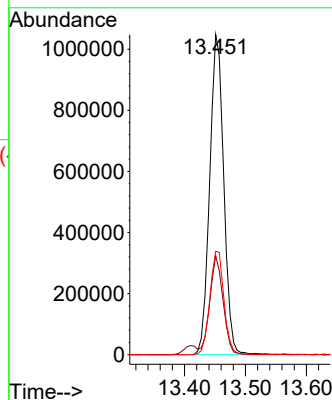
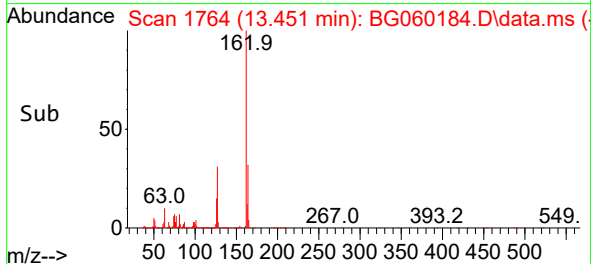
Tgt Ion:162 Resp: 168006
Ion Ratio Lower Upper
162 100
127 30.9 23.0 34.6
164 32.3 26.7 40.1

Manual Integrations

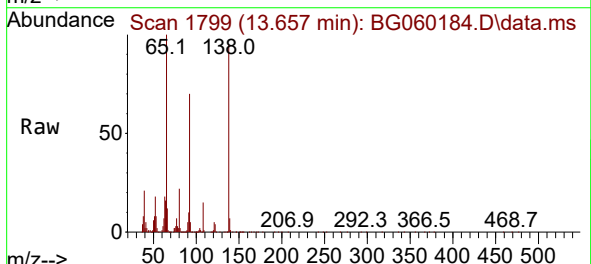
APPROVED

Reviewed By :Yogesh Patel 01/01/2024

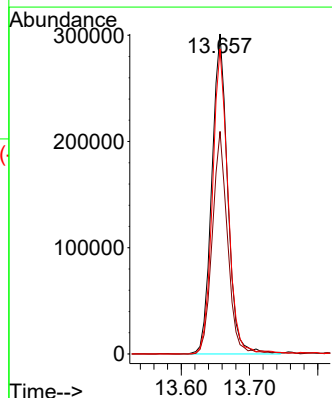
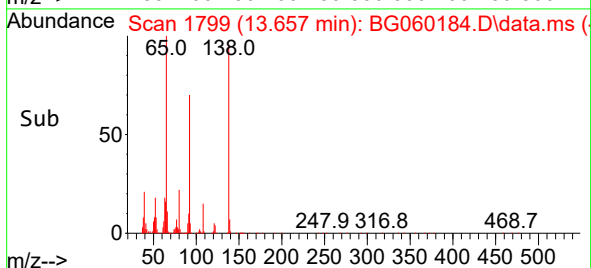
Supervised By :mohammad ahmed 01/01/2024

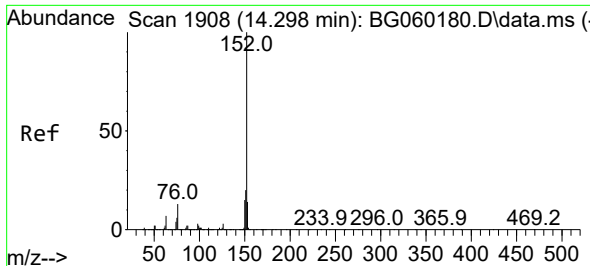


#48
2-Nitroaniline
Concen: 43.814 ng
RT: 13.657 min Scan# 1799
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19



Tgt Ion: 65 Resp: 487755
Ion Ratio Lower Upper
65 100
92 69.5 52.9 79.3
138 95.3 76.4 114.6





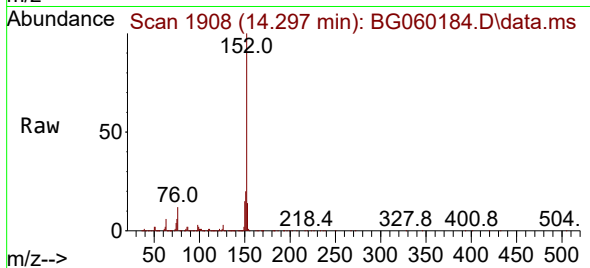
#49
Acenaphthylene
Concen: 40.693 ng
RT: 14.297 min Scan# 1908
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923



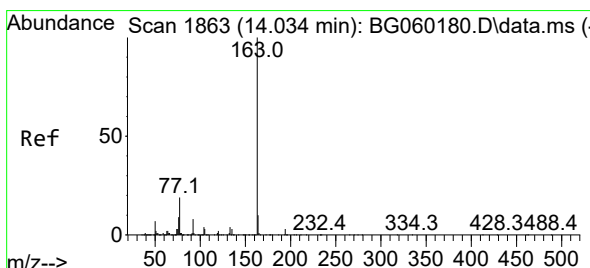
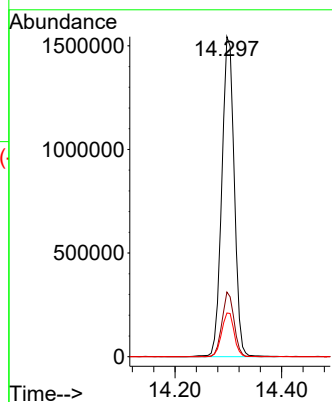
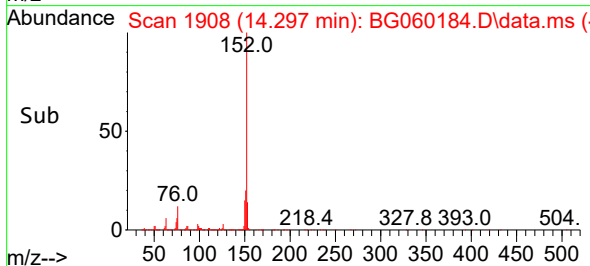
Tgt Ion:152 Resp: 2497609
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.6
153 13.7 11.0 16.6

Manual Integrations

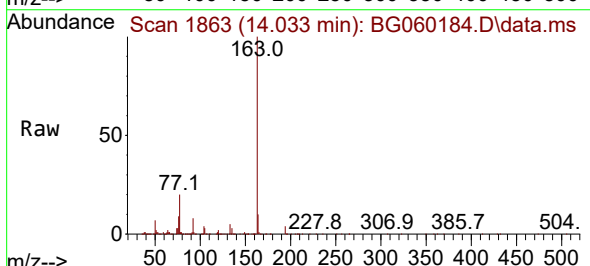
APPROVED

Reviewed By :Yogesh Patel 01/01/2024

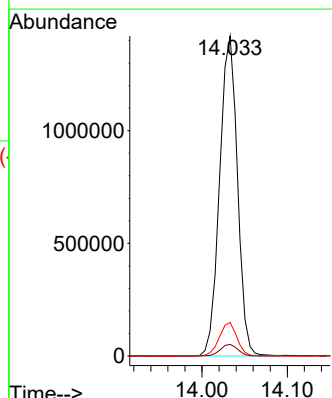
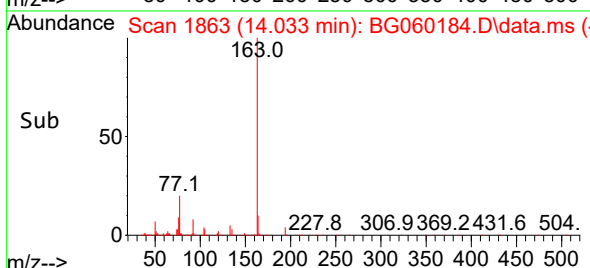
Supervised By :mohammad ahmed 01/01/2024

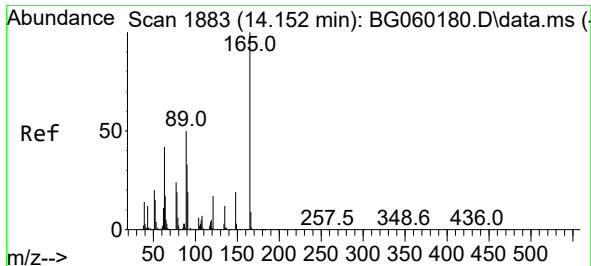


#50
Dimethylphthalate
Concen: 39.360 ng
RT: 14.033 min Scan# 1863
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19



Tgt Ion:163 Resp: 2065159
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.5 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 43.230 ng
RT: 14.150 min Scan# 1883
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

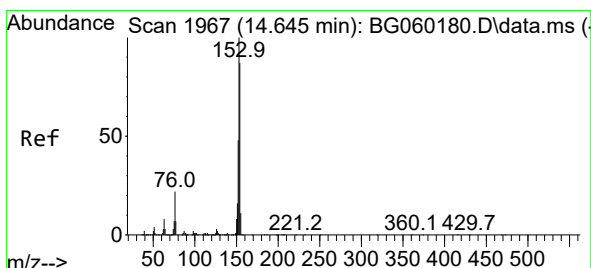
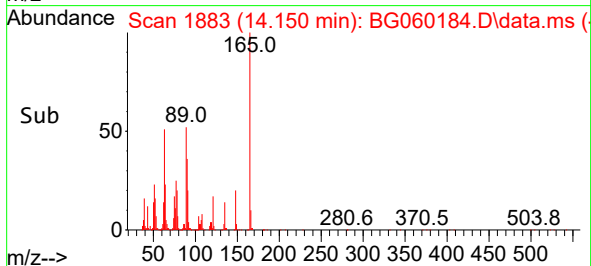
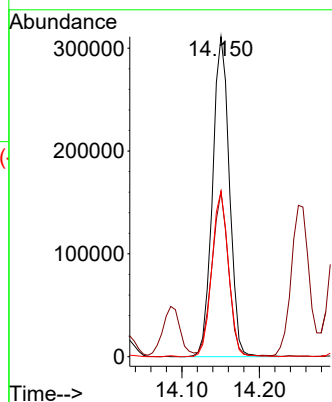
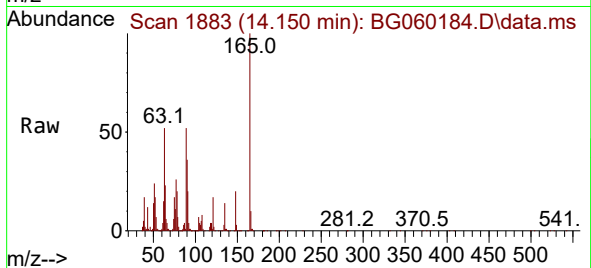
ClientSampleId :

ICVBG122923

Tgt Ion:165 Resp: 471782
Ion Ratio Lower Upper
165 100
63 51.6 39.3 58.9
89 51.6 39.8 59.8

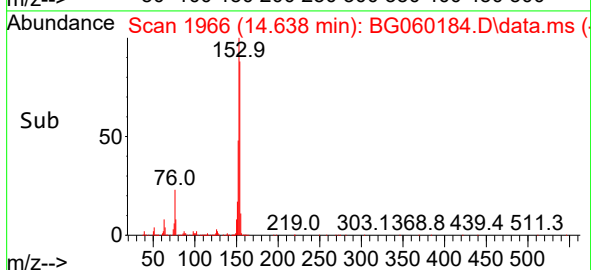
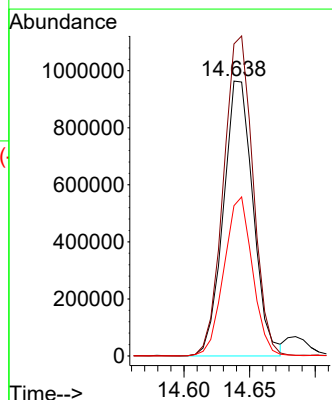
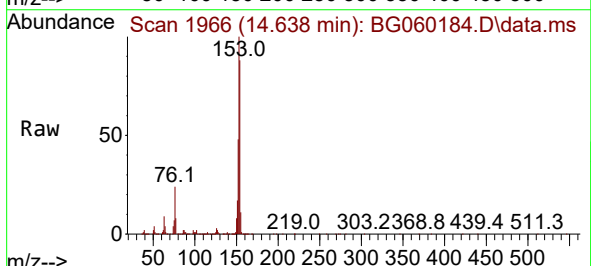
Manual Integrations
APPROVED

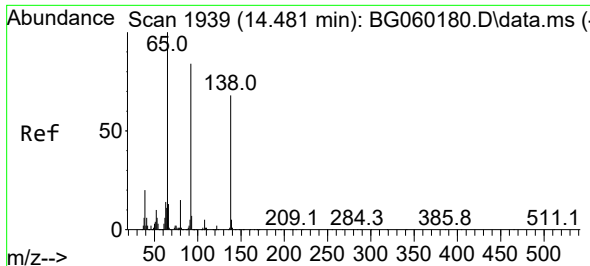
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024



#52
Acenaphthene
Concen: 39.645 ng
RT: 14.638 min Scan# 1966
Delta R.T. -0.007 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Tgt Ion:154 Resp: 1518431
Ion Ratio Lower Upper
154 100
153 113.5 91.5 137.3
152 54.6 43.8 65.8





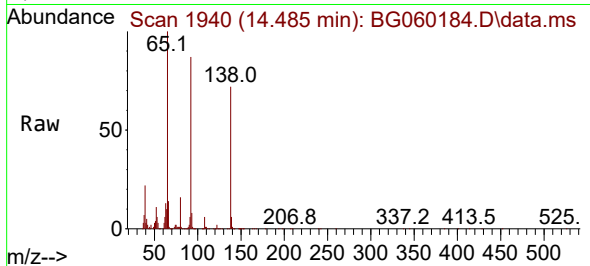
#53
3-Nitroaniline
Concen: 43.403 ng
RT: 14.485 min Scan# 1939
Delta R.T. 0.005 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNB_G

ClientSampleId :

ICVBG122923



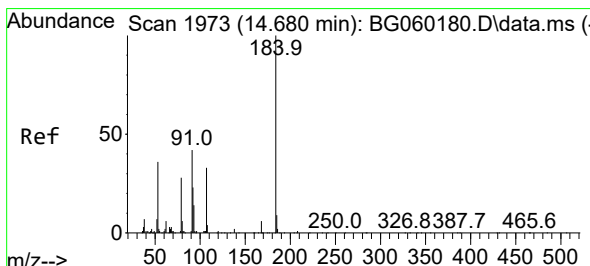
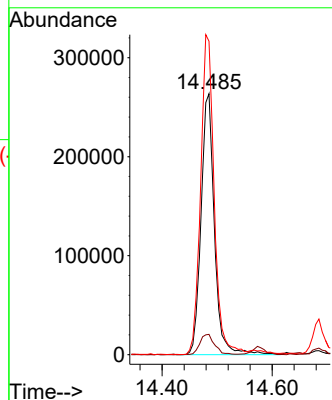
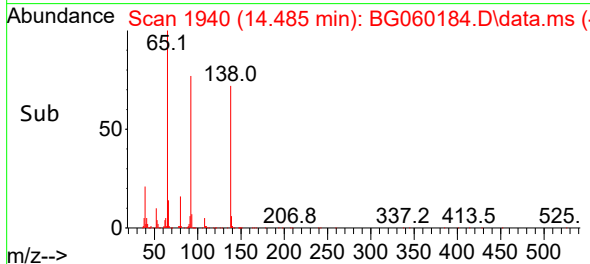
Tgt Ion:138 Resp: 44632
Ion Ratio Lower Upper
138 100
108 7.8 6.2 9.4
92 120.1 98.5 147.7

Manual Integrations

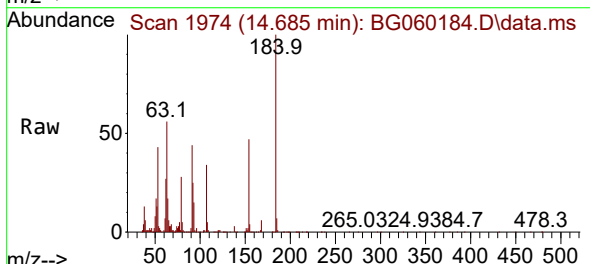
APPROVED

Reviewed By :Yogesh Patel 01/01/2024

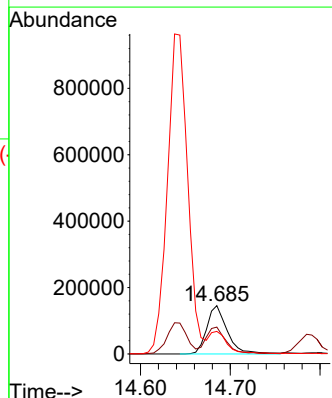
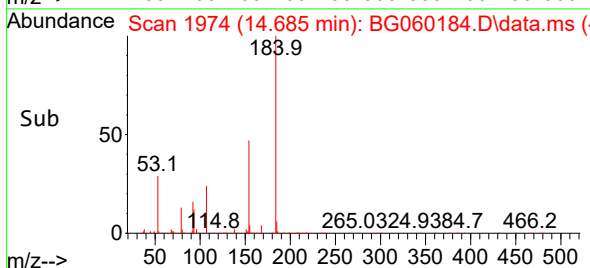
Supervised By :mohammad ahmed 01/01/2024

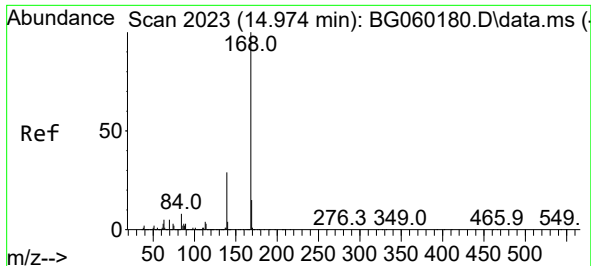


#54
2,4-Dinitrophenol
Concen: 40.610 ng
RT: 14.685 min Scan# 1974
Delta R.T. 0.005 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19



Tgt Ion:184 Resp: 229360
Ion Ratio Lower Upper
184 100
63 55.7 45.4 68.2
154 46.8 40.0 60.0





#55
Dibenzofuran
Concen: 39.733 ng
RT: 14.973 min Scan# 2023
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923

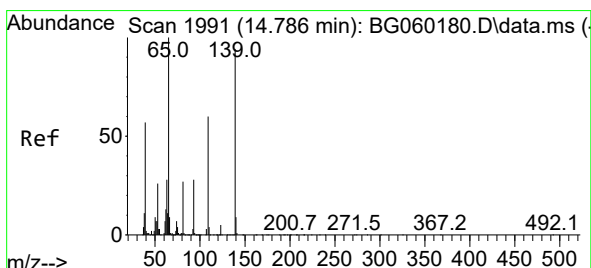
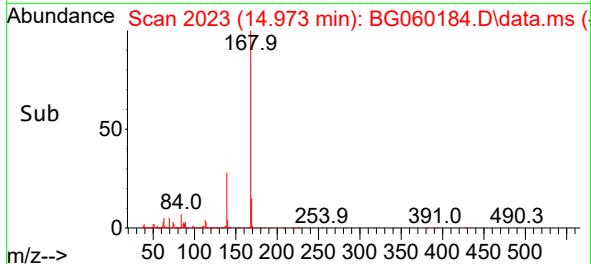
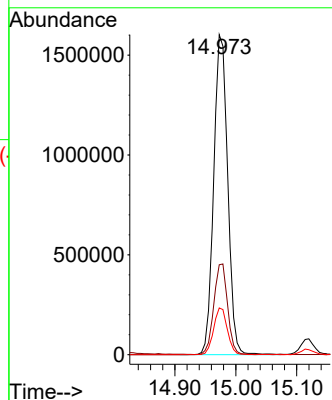
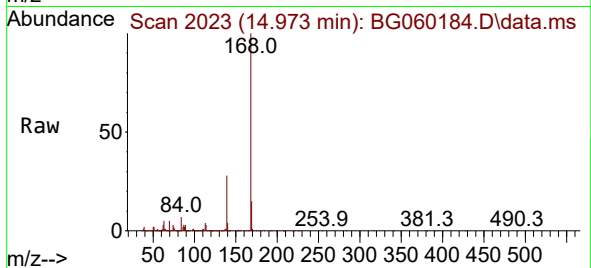
Tgt Ion:168 Resp: 2549118
Ion Ratio Lower Upper
168 100
139 28.1 23.1 34.7
169 14.6 11.9 17.9

Manual Integrations

APPROVED

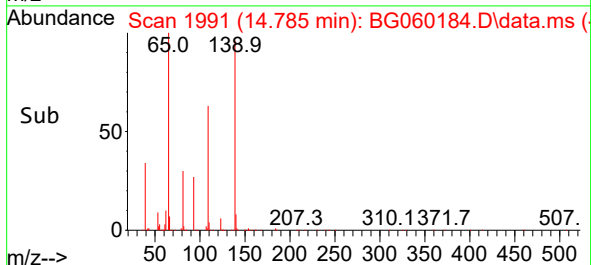
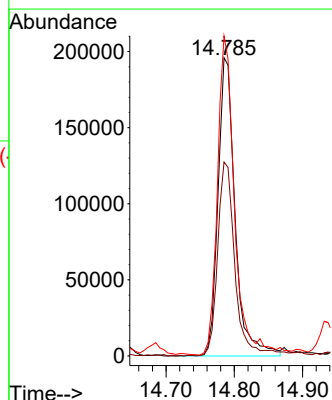
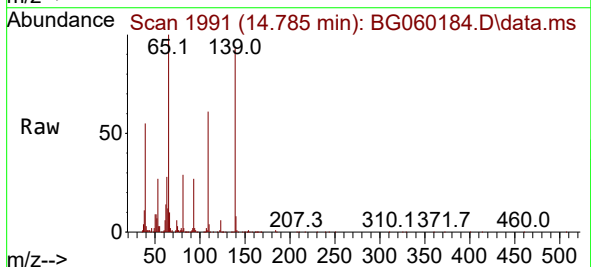
Reviewed By :Yogesh Patel 01/01/2024

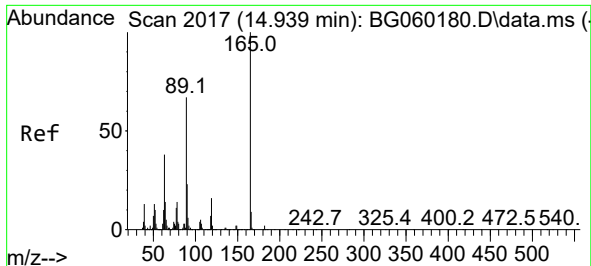
Supervised By :mohammad ahmed 01/01/2024



#56
4-Nitrophenol
Concen: 43.918 ng
RT: 14.785 min Scan# 1991
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Tgt Ion:139 Resp: 341377
Ion Ratio Lower Upper
139 100
109 65.0 44.4 84.4
65 107.3 87.4 127.4





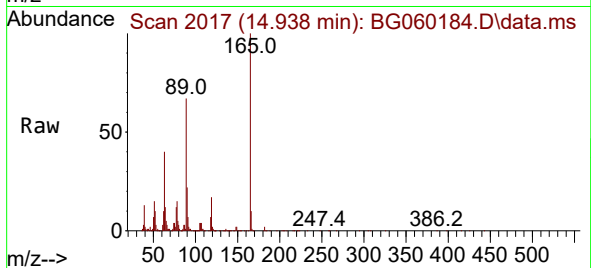
#57
2,4-Dinitrotoluene
Concen: 43.658 ng
RT: 14.938 min Scan# 2017
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923



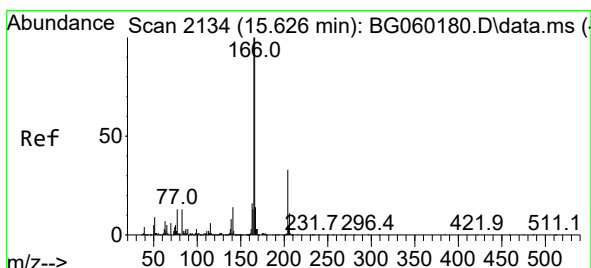
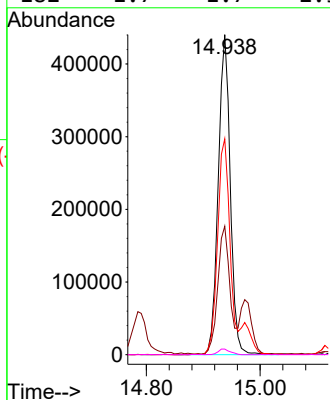
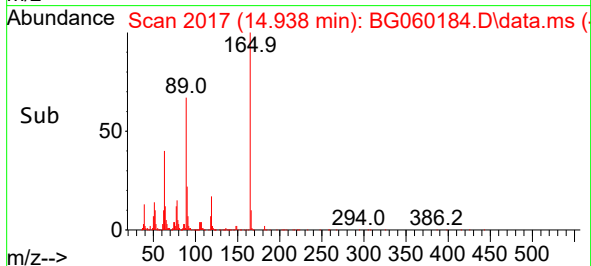
Tgt Ion:165 Resp: 647864
Ion Ratio Lower Upper
165 100
63 40.2 31.0 46.6
89 67.5 53.3 79.9
182 1.7 1.7 2.5

Manual Integrations

APPROVED

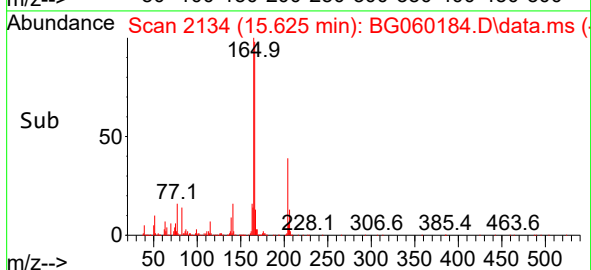
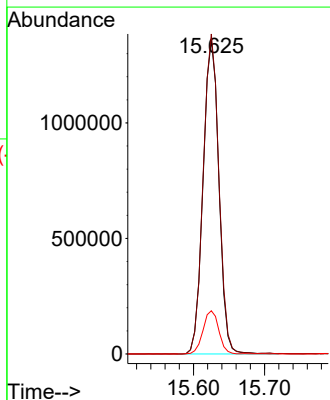
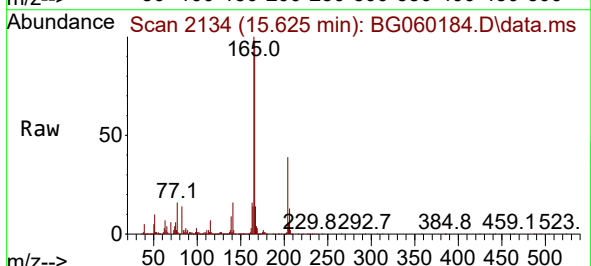
Reviewed By :Yogesh Patel 01/01/2024

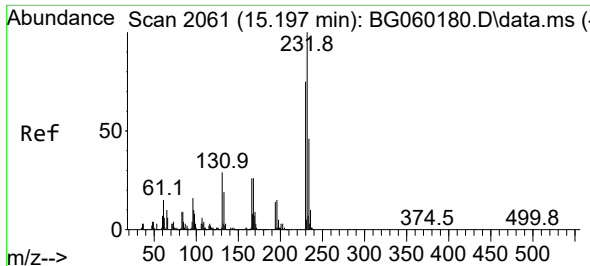
Supervised By :mohammad ahmed 01/01/2024



#58
Fluorene
Concen: 39.952 ng
RT: 15.625 min Scan# 2134
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Tgt Ion:166 Resp: 2102218
Ion Ratio Lower Upper
166 100
165 102.0 80.4 120.6
167 13.8 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.355 ng
RT: 15.202 min Scan# 2062
Delta R.T. 0.005 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

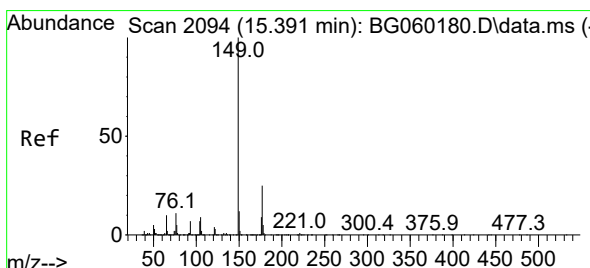
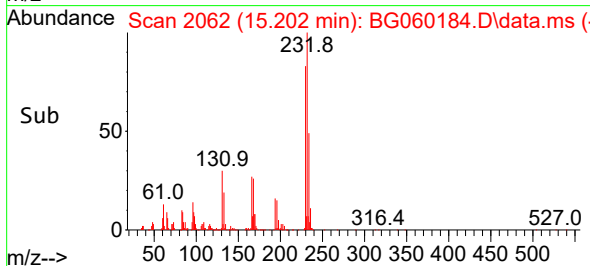
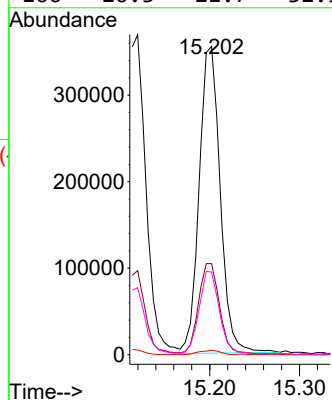
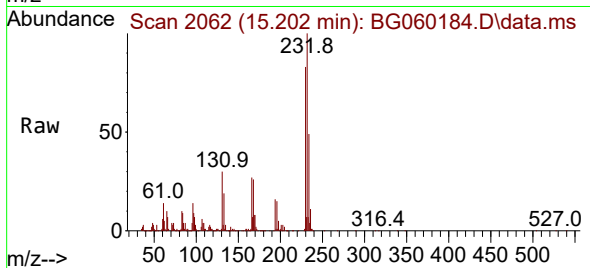
ICVBG122923

Tgt Ion:232 Resp: 576814
Ion Ratio Lower Upper
232 100
131 29.4 23.8 35.6
130 1.5 1.2 1.8
166 26.3 21.7 32.5

Manual Integrations

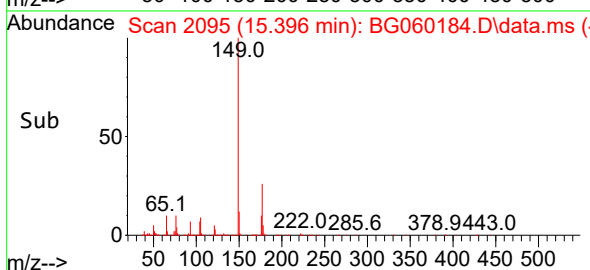
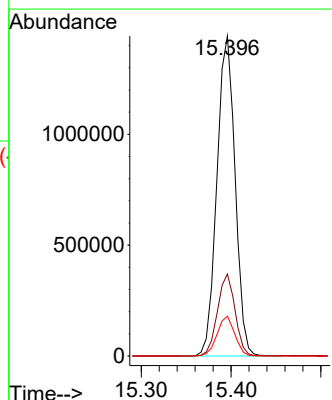
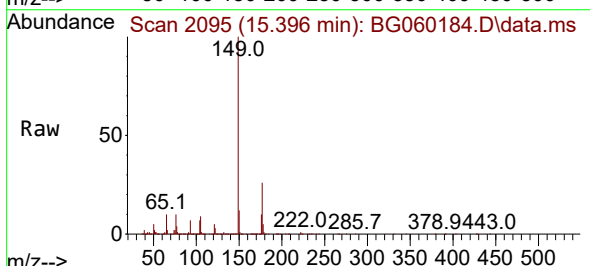
APPROVED

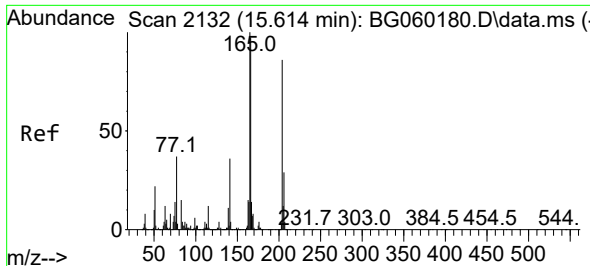
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024



#60
Diethylphthalate
Concen: 40.567 ng
RT: 15.396 min Scan# 2095
Delta R.T. 0.005 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

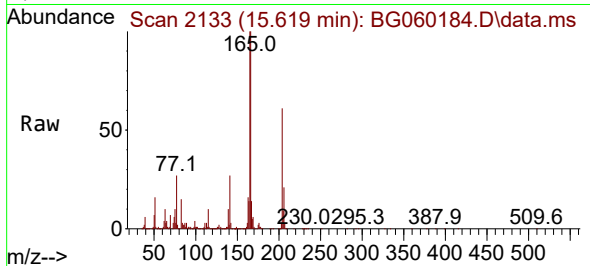
Tgt Ion:149 Resp: 2029815
Ion Ratio Lower Upper
149 100
177 25.6 20.2 30.2
150 12.4 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 38.946 ng
RT: 15.619 min Scan# 2132
Delta R.T. 0.005 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

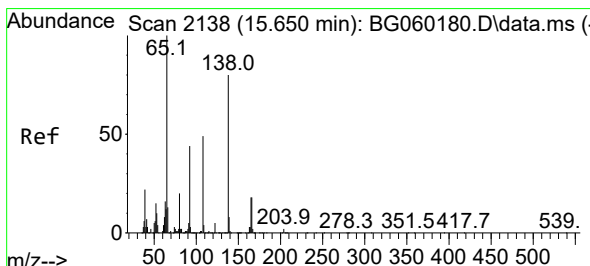
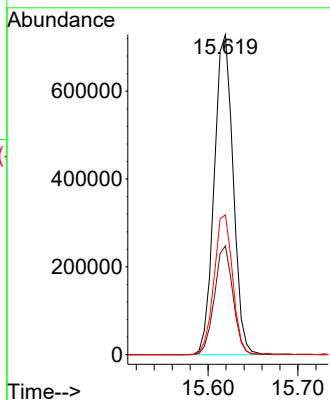
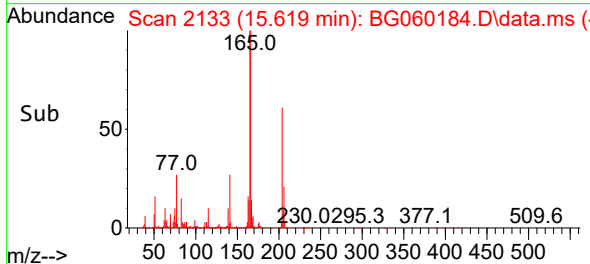
Instrument :
BNA_G
ClientSampleId :
ICVBG122923



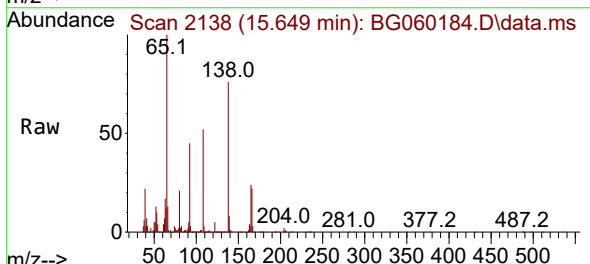
Tgt Ion:204 Resp: 106706
Ion Ratio Lower Upper
204 100
206 34.0 26.9 40.3
141 43.7 33.2 49.8

Manual Integrations
APPROVED

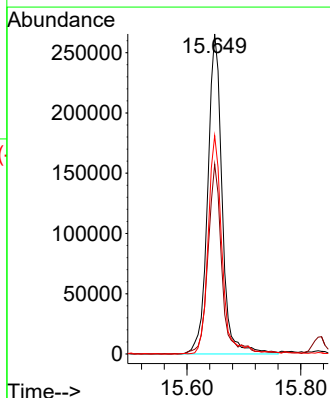
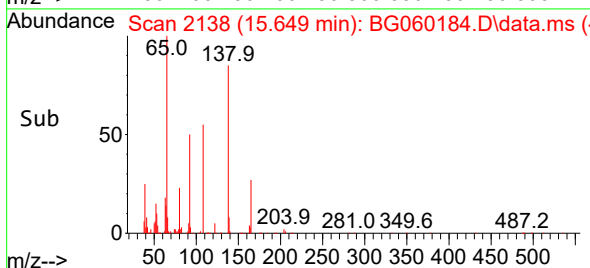
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024

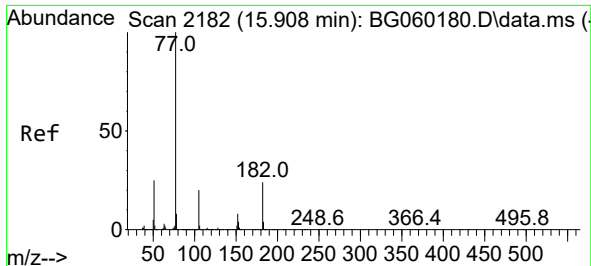


#62
4-Nitroaniline
Concen: 42.845 ng
RT: 15.649 min Scan# 2138
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19



Tgt Ion:138 Resp: 464371
Ion Ratio Lower Upper
138 100
92 59.3 35.1 75.1
108 68.2 40.9 80.9





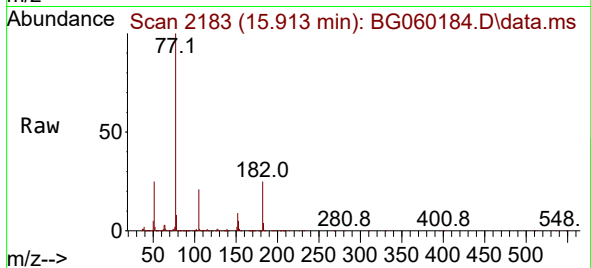
#63
Azobenzene
Concen: 39.957 ng
RT: 15.913 min Scan# 2182
Delta R.T. 0.005 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923



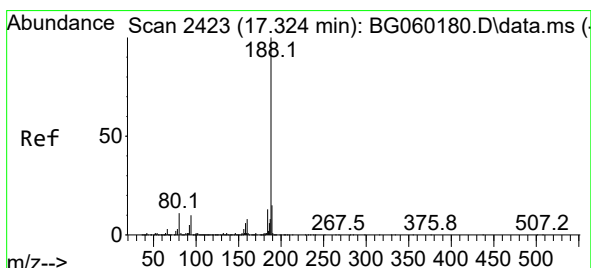
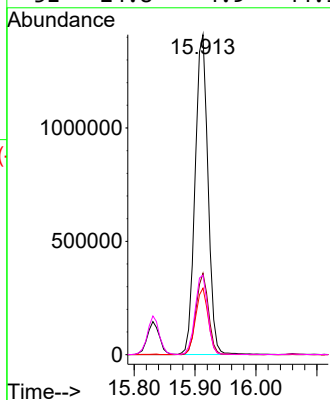
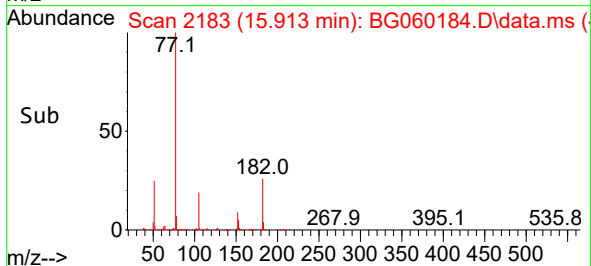
Tgt Ion: 77 Resp: 2072779
Ion Ratio Lower Upper
77 100
182 25.5 4.3 44.3
105 20.8 0.3 40.3
51 24.8 4.9 44.9

Manual Integrations

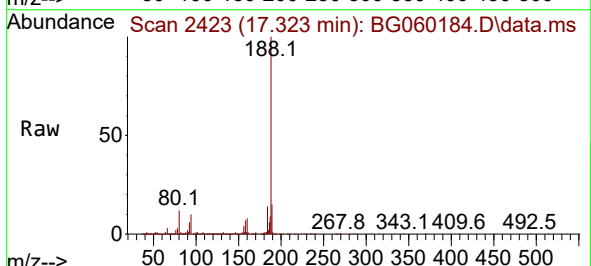
APPROVED

Reviewed By :Yogesh Patel 01/01/2024

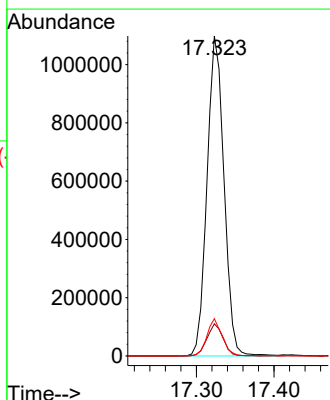
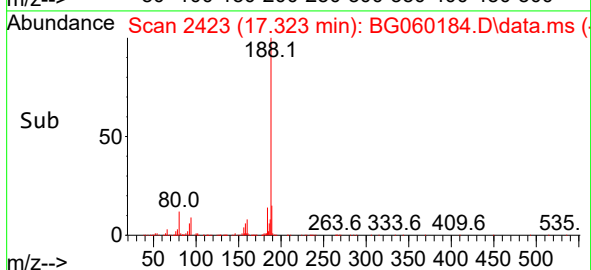
Supervised By :mohammad ahmed 01/01/2024

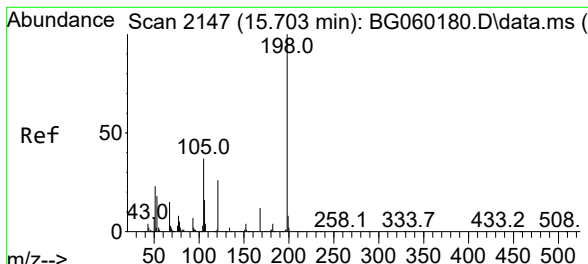


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.323 min Scan# 2423
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19



Tgt Ion:188 Resp: 1668683
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 11.7 8.6 13.0



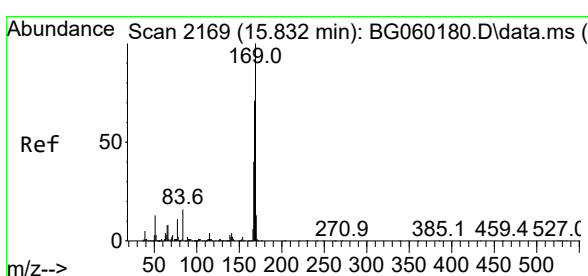
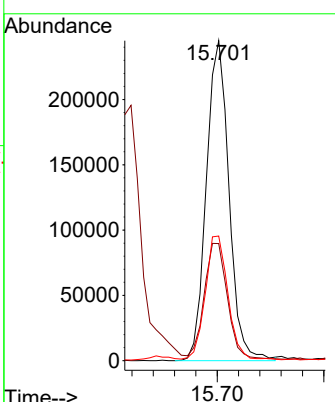
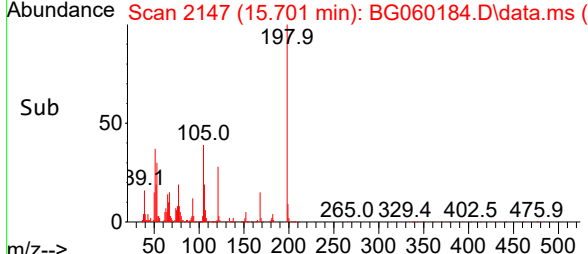
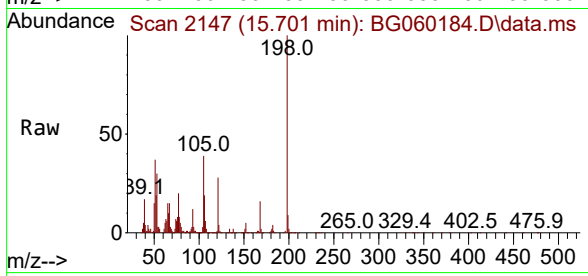


#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.353 ng
 RT: 15.701 min Scan# 2147
 Delta R.T. -0.002 min
 Lab File: BG060184.D
 Acq: 29 Dec 2023 17:19

Instrument : BNA_G
 ClientSampleId : ICVBG122923

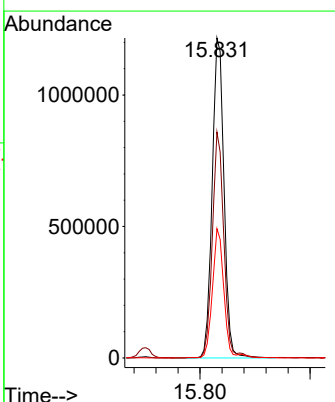
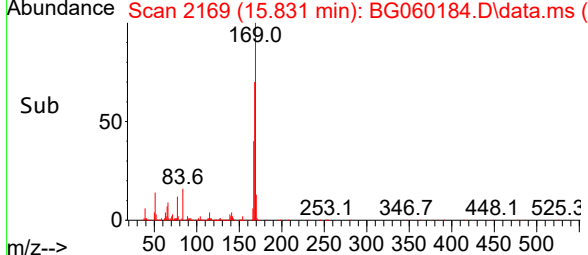
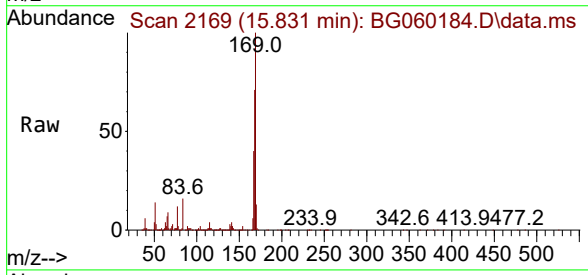
Tgt Ion:198	Resp: 361980
Ion Ratio	Lower Upper
198 100	
51 36.6	14.8 54.8
105 38.9	17.5 57.5

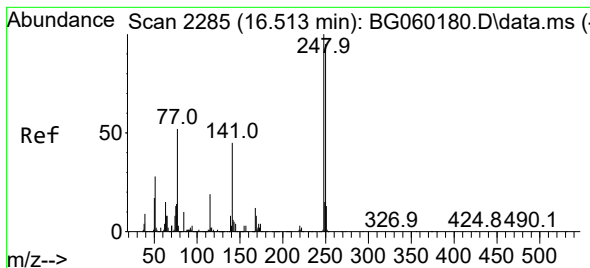
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 01/01/2024
 Supervised By :mohammad ahmed 01/01/2024



#66
 n-Nitrosodiphenylamine
 Concen: 40.298 ng
 RT: 15.831 min Scan# 2169
 Delta R.T. -0.001 min
 Lab File: BG060184.D
 Acq: 29 Dec 2023 17:19

Tgt Ion:169	Resp: 1812033		
Ion Ratio	Lower	Upper	
169	100		
168	70.6	56.6	84.8
167	40.4	32.1	48.1





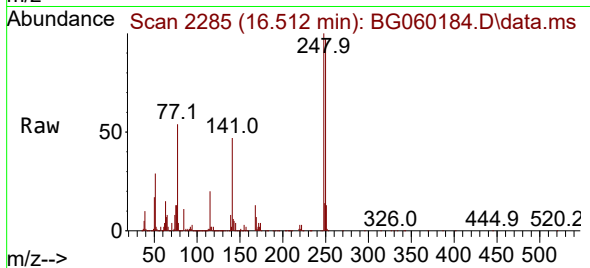
#67
4-Bromophenyl-phenylether
Concen: 38.872 ng
RT: 16.512 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923



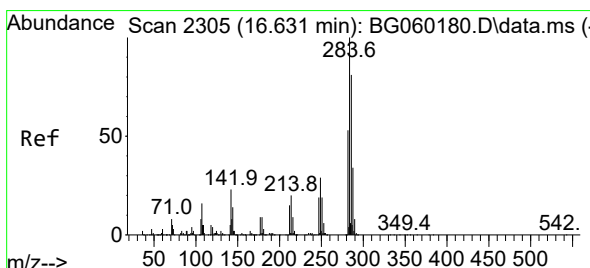
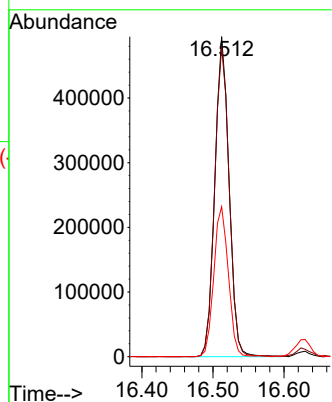
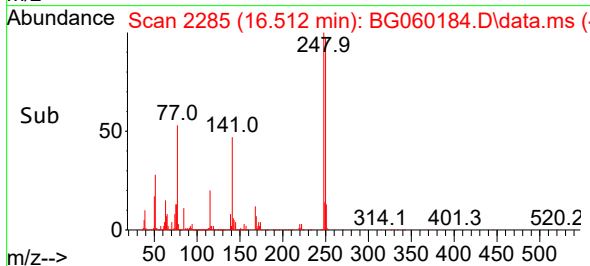
Tgt Ion:248 Resp: 68770
Ion Ratio Lower Upper
248 100
250 96.8 76.2 114.4
141 46.8 36.0 54.0

Manual Integrations

APPROVED

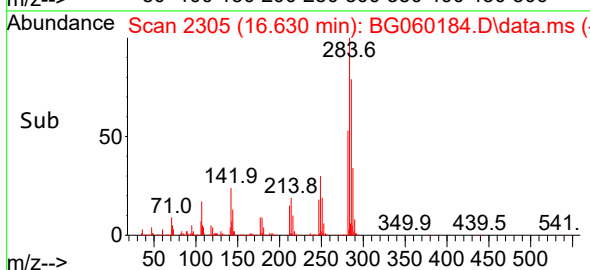
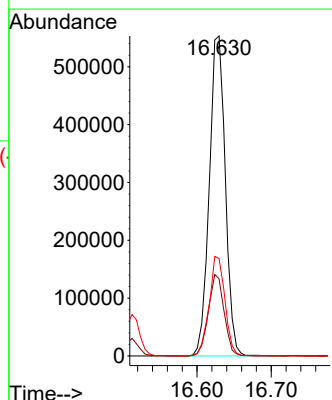
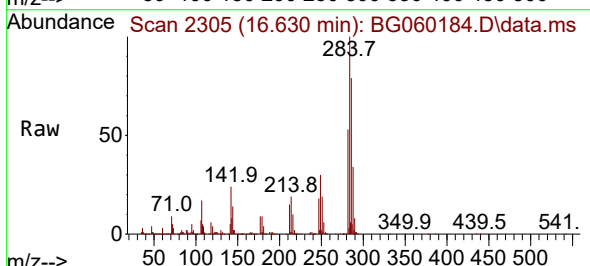
Reviewed By :Yogesh Patel 01/01/2024

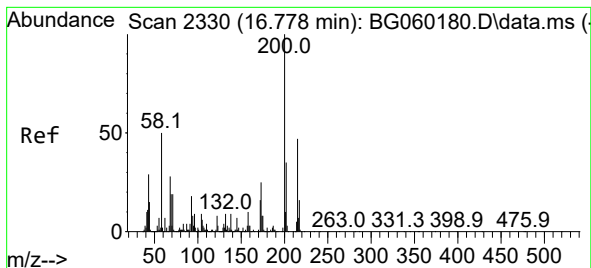
Supervised By :mohammad ahmed 01/01/2024



#68
Hexachlorobenzene
Concen: 40.097 ng
RT: 16.630 min Scan# 2305
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Tgt Ion:284 Resp: 831722
Ion Ratio Lower Upper
284 100
142 24.1 18.7 28.1
249 30.5 23.5 35.3





#69

Atrazine

Concen: 40.787 ng

RT: 16.783 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG060184.D

Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923

Tgt Ion:200 Resp: 674062

Ion Ratio Lower Upper

200 100

173 23.8 5.2 45.2

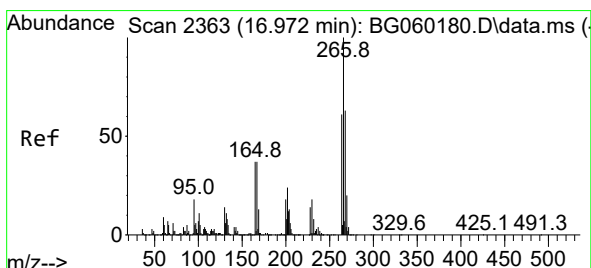
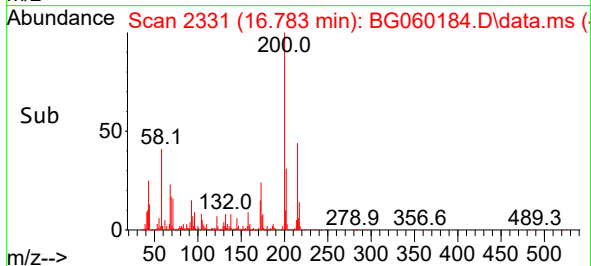
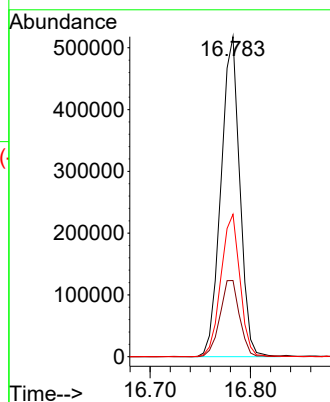
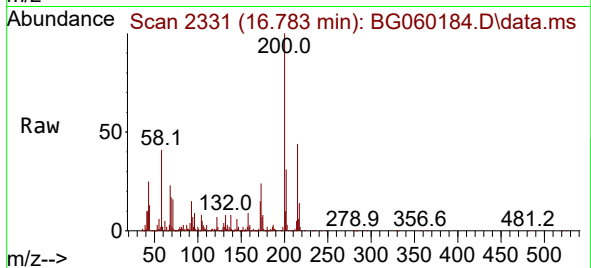
215 44.5 26.9 66.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/01/2024

Supervised By :mohammad ahmed 01/01/2024



#70

Pentachlorophenol

Concen: 43.637 ng

RT: 16.971 min Scan# 2363

Delta R.T. -0.001 min

Lab File: BG060184.D

Acq: 29 Dec 2023 17:19

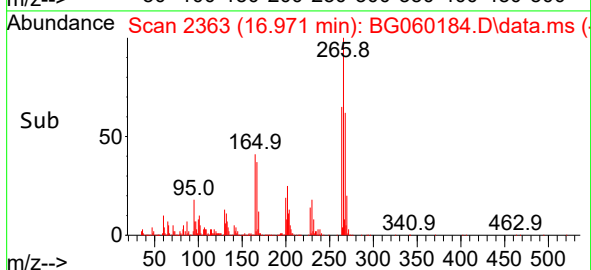
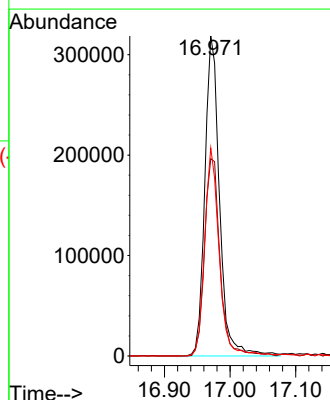
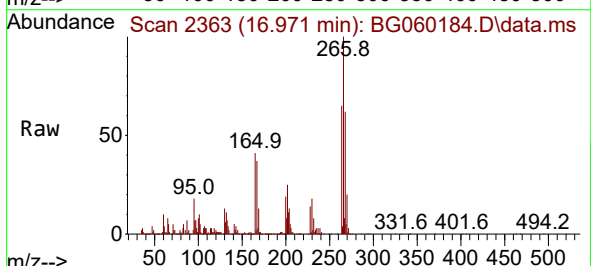
Tgt Ion:266 Resp: 497241

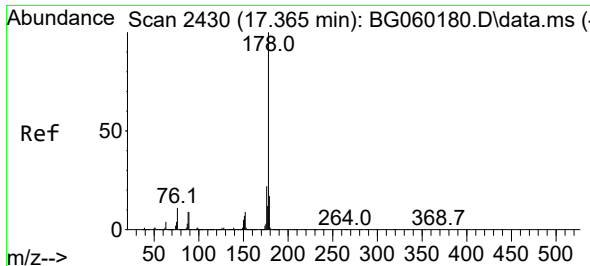
Ion Ratio Lower Upper

266 100

268 66.4 50.4 75.6

264 69.1 52.6 79.0





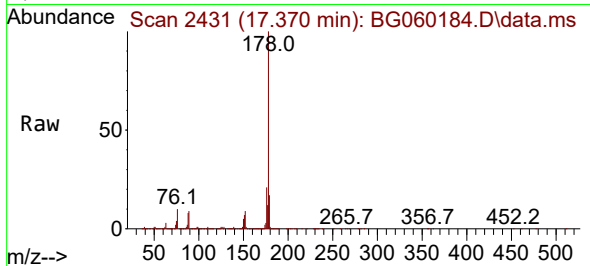
#71
Phenanthrene
Concen: 40.317 ng
RT: 17.370 min Scan# 2430
Delta R.T. 0.005 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923



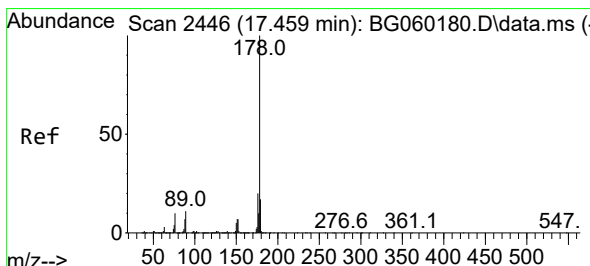
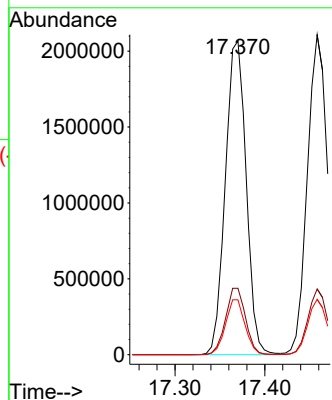
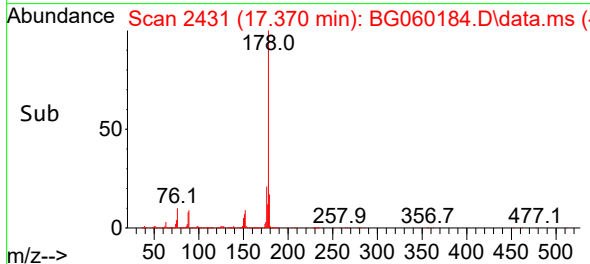
Tgt Ion:178 Resp: 3325390
Ion Ratio Lower Upper
178 100
176 21.2 17.5 26.3
179 17.5 13.8 20.8

Manual Integrations

APPROVED

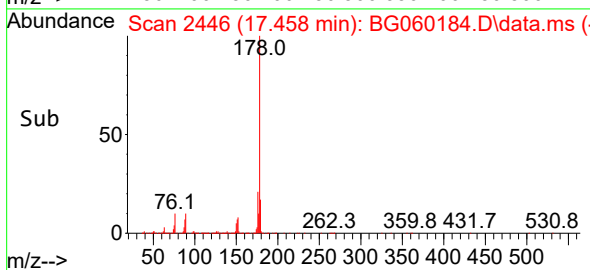
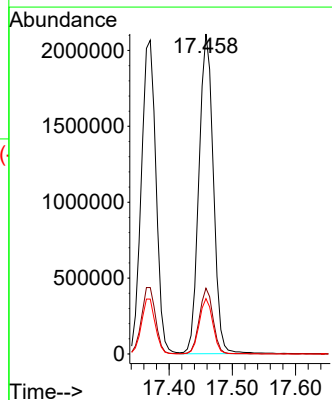
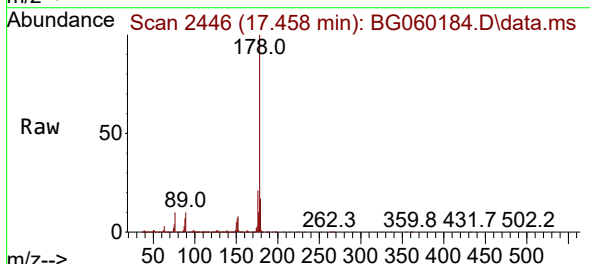
Reviewed By :Yogesh Patel 01/01/2024

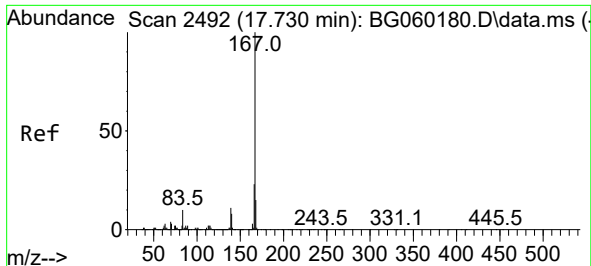
Supervised By :mohammad ahmed 01/01/2024



#72
Anthracene
Concen: 40.683 ng
RT: 17.458 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Tgt Ion:178 Resp: 3333162
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.2
179 17.3 14.0 21.0





#73
 Carbazole
 Concen: 40.552 ng
 RT: 17.729 min Scan# 2492
 Delta R.T. -0.001 min
 Lab File: BG060184.D
 Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

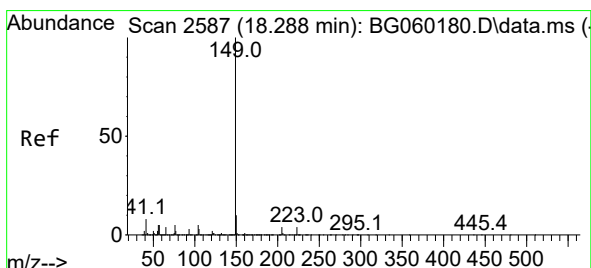
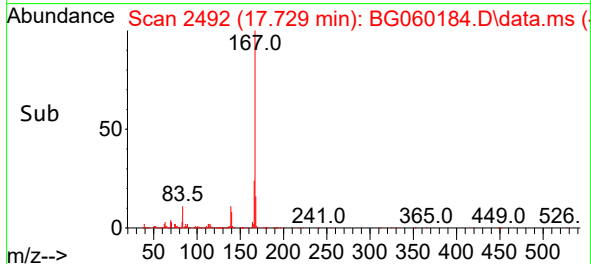
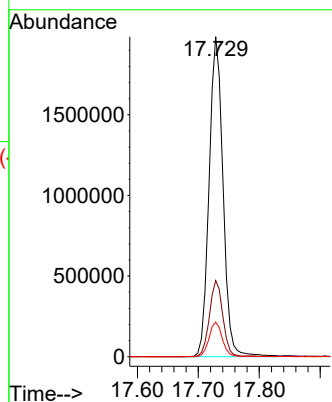
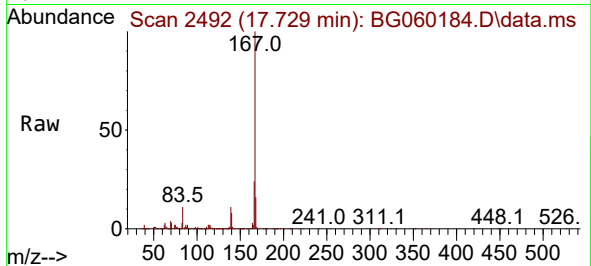
ICVBG122923

Tgt Ion:167 Resp: 3151159
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.8 28.2
 139 10.8 8.8 13.2

Manual Integrations

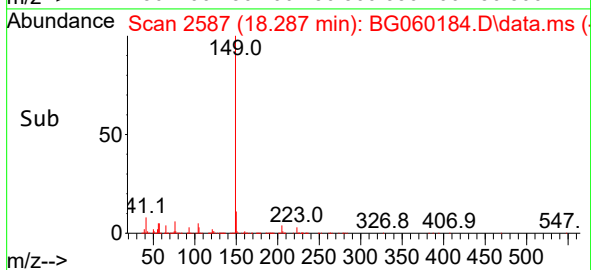
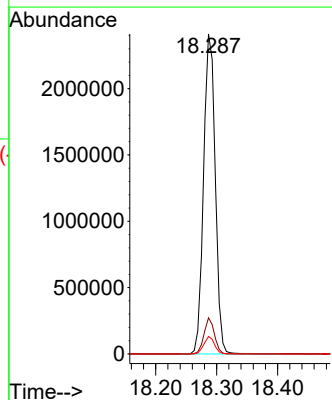
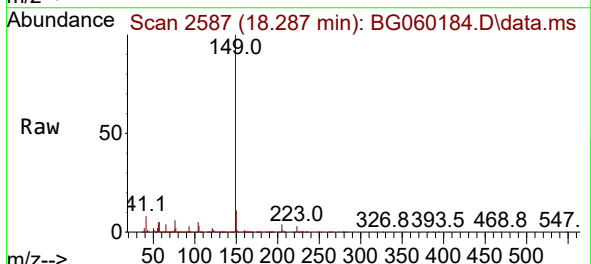
APPROVED

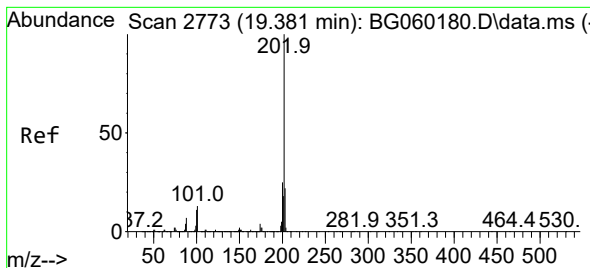
Reviewed By :Yogesh Patel 01/01/2024
 Supervised By :mohammad ahmed 01/01/2024



#74
 Di-n-butylphthalate
 Concen: 42.673 ng
 RT: 18.287 min Scan# 2587
 Delta R.T. -0.001 min
 Lab File: BG060184.D
 Acq: 29 Dec 2023 17:19

Tgt Ion:149 Resp: 3213460
 Ion Ratio Lower Upper
 149 100
 150 11.3 8.3 12.5
 104 5.4 4.2 6.4





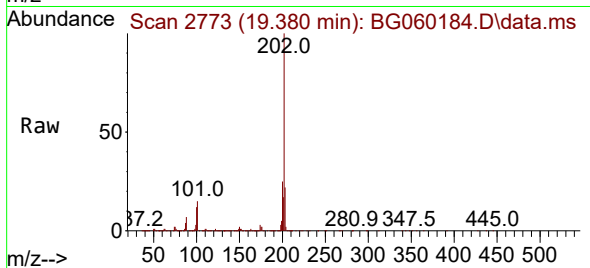
#75
Fluoranthene
Concen: 40.012 ng
RT: 19.380 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923



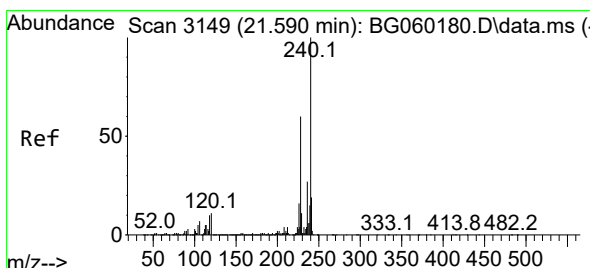
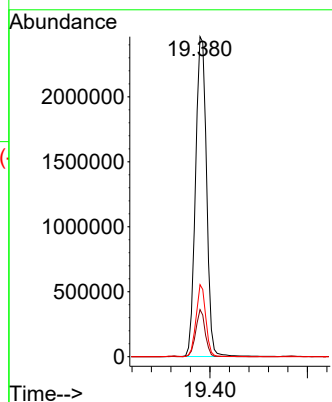
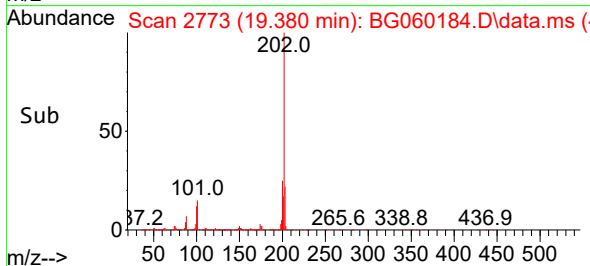
Tgt Ion:202 Resp: 3871079
Ion Ratio Lower Upper
202 100
101 14.7 0.0 32.8
203 22.5 2.0 42.0

Manual Integrations

APPROVED

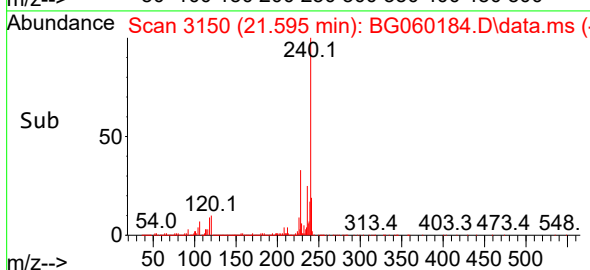
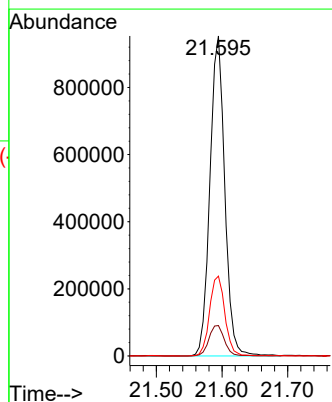
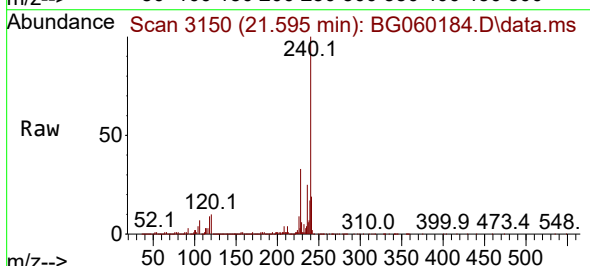
Reviewed By :Yogesh Patel 01/01/2024

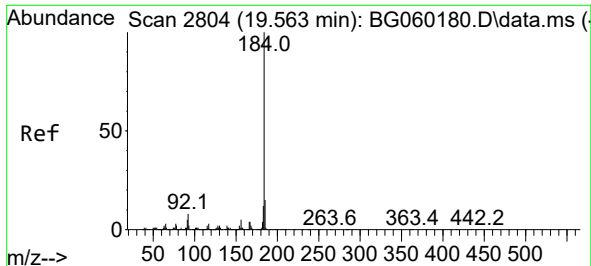
Supervised By :mohammad ahmed 01/01/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.595 min Scan# 3150
Delta R.T. 0.005 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Tgt Ion:240 Resp: 1500440
Ion Ratio Lower Upper
240 100
120 9.5 8.5 12.7
236 25.0 21.4 32.2





#77
Benzidine
Concen: 37.455 ng
RT: 19.568 min Scan# 2805
Delta R.T. 0.005 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

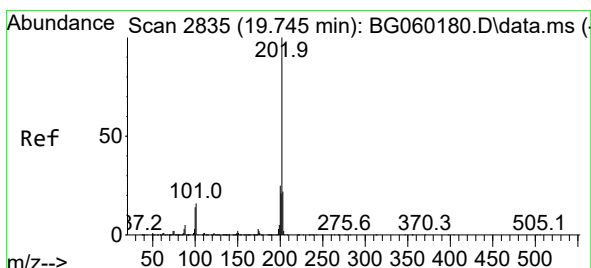
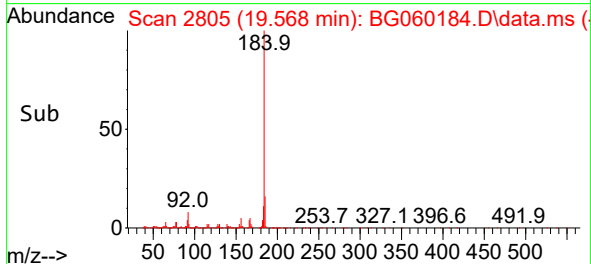
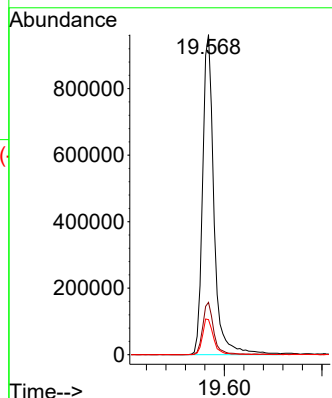
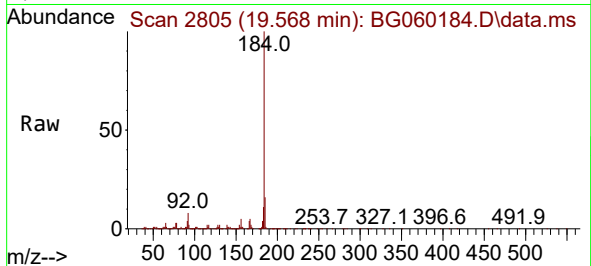
ICVBG122923

Tgt Ion:184 Resp: 155539
Ion Ratio Lower Upper
184 100
185 16.4 11.7 17.5
183 11.0 9.4 14.2

Manual Integrations

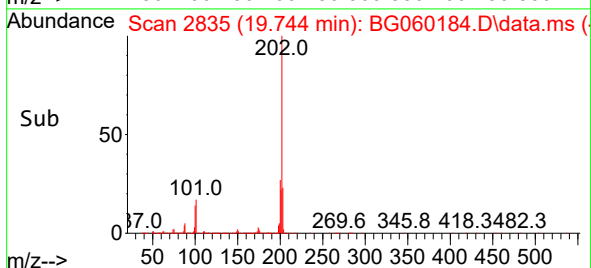
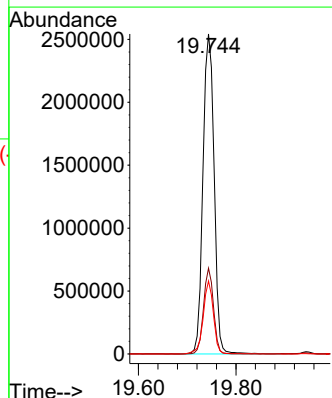
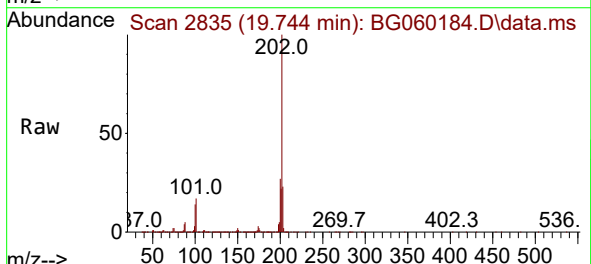
APPROVED

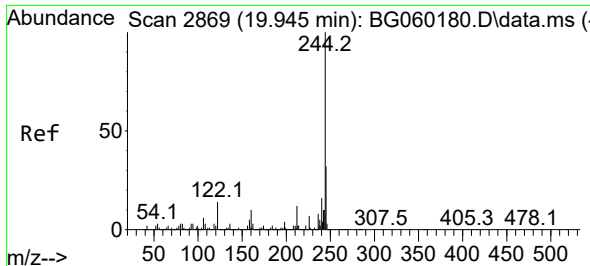
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024



#78
Pyrene
Concen: 40.002 ng
RT: 19.744 min Scan# 2835
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Tgt Ion:202 Resp: 4034635
Ion Ratio Lower Upper
202 100
200 26.8 20.3 30.5
203 22.8 17.8 26.6





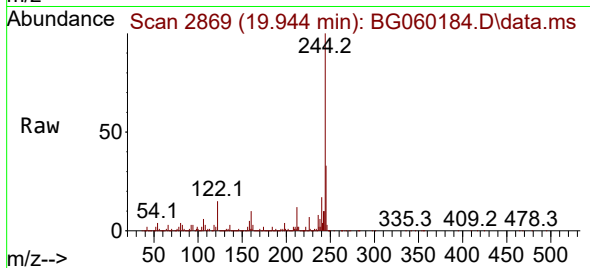
#79
 Terphenyl-d14
 Concen: 66.099 ng
 RT: 19.944 min Scan# 2869
 Delta R.T. -0.001 min
 Lab File: BG060184.D
 Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923



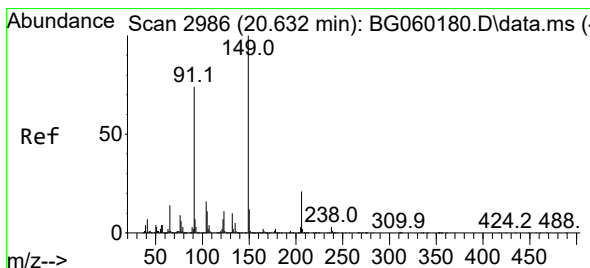
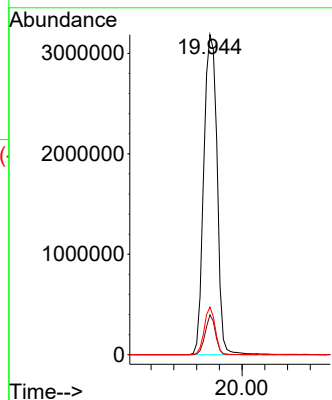
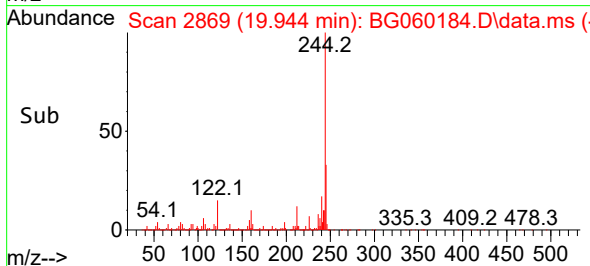
Tgt Ion:244 Resp: 515883
 Ion Ratio Lower Upper
 244 100
 212 12.4 9.5 14.3
 122 14.9 11.4 17.2

Manual Integrations

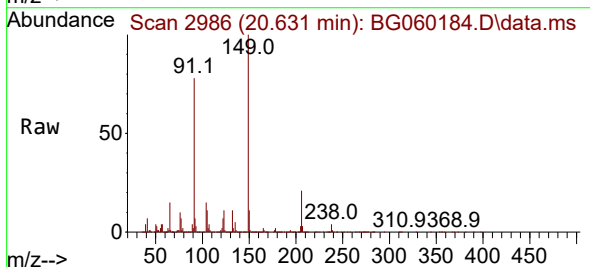
APPROVED

Reviewed By :Yogesh Patel 01/01/2024

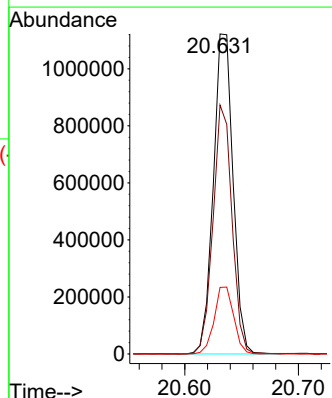
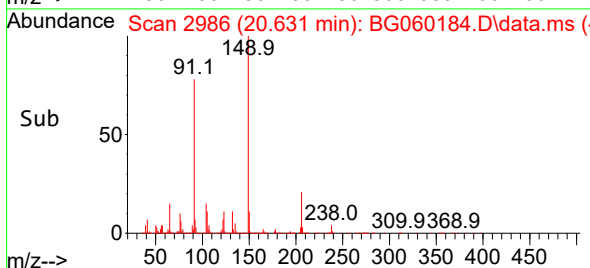
Supervised By :mohammad ahmed 01/01/2024

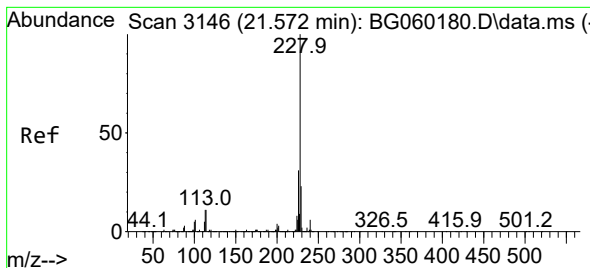


#80
 Butylbenzylphthalate
 Concen: 45.609 ng
 RT: 20.631 min Scan# 2986
 Delta R.T. -0.001 min
 Lab File: BG060184.D
 Acq: 29 Dec 2023 17:19



Tgt Ion:149 Resp: 1356429
 Ion Ratio Lower Upper
 149 100
 91 77.8 59.4 89.2
 206 20.8 16.6 25.0





#81

Benzo(a)anthracene

Concen: 40.421 ng

RT: 21.571 min Scan# 3146

Delta R.T. -0.001 min

Lab File: BG060184.D

Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923

Tgt Ion:228 Resp: 3856092

Ion Ratio Lower Upper

228 100

226 32.0 24.6 36.8

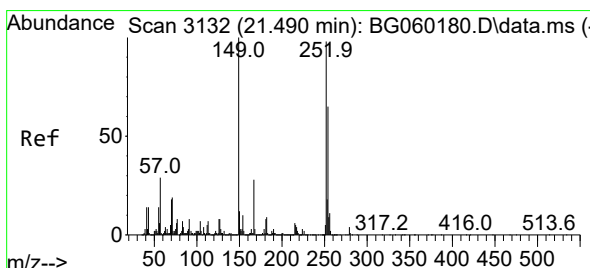
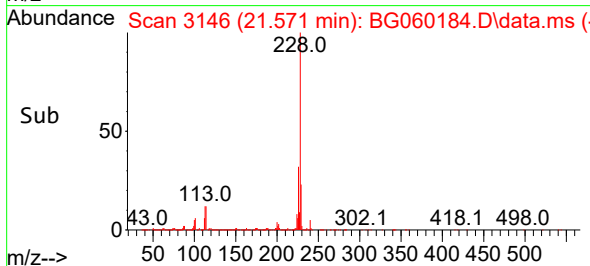
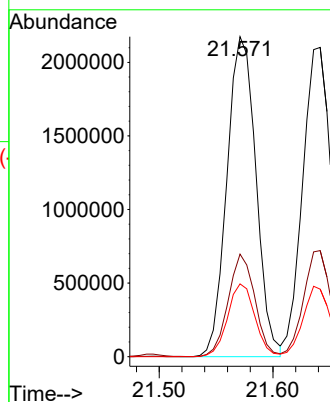
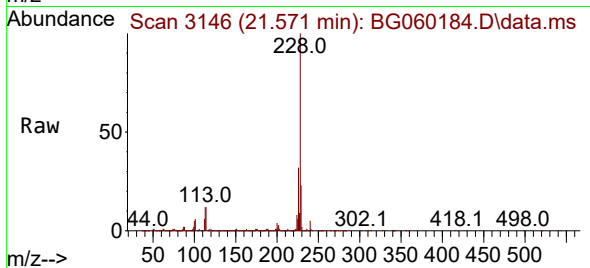
229 22.8 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/01/2024

Supervised By :mohammad ahmed 01/01/2024



#82

3,3'-Dichlorobenzidine

Concen: 41.100 ng

RT: 21.495 min Scan# 3133

Delta R.T. 0.005 min

Lab File: BG060184.D

Acq: 29 Dec 2023 17:19

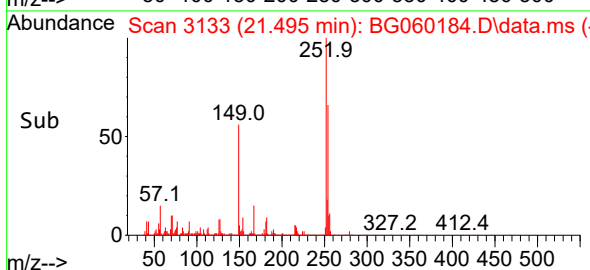
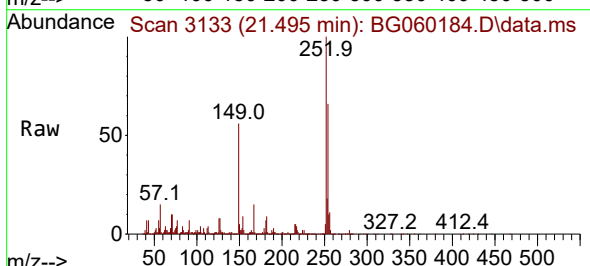
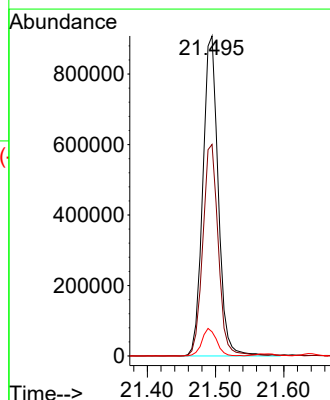
Tgt Ion:252 Resp: 1425820

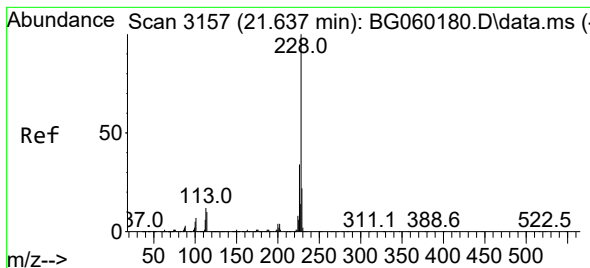
Ion Ratio Lower Upper

252 100

254 66.1 52.6 78.8

126 7.6 6.9 10.3





#83

Chrysene

Concen: 40.572 ng

RT: 21.642 min Scan# 3157

Delta R.T. 0.005 min

Lab File: BG060184.D

Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923

Tgt Ion:228 Resp: 3760338

Ion Ratio Lower Upper

228 100

226 34.3 26.8 40.2

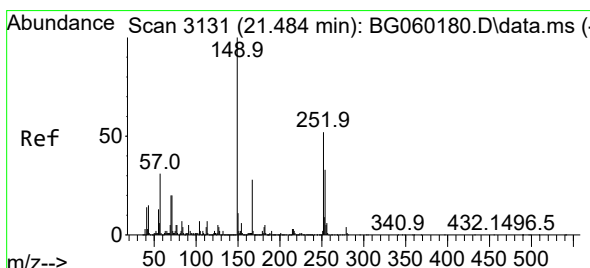
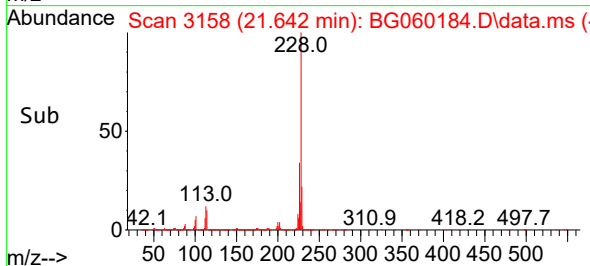
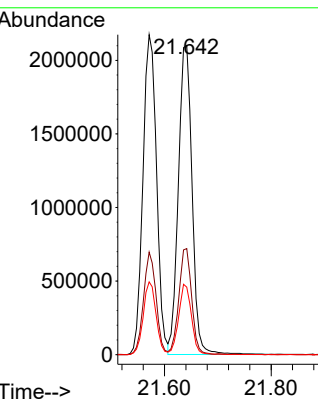
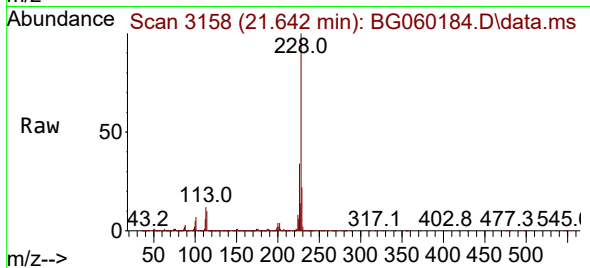
229 21.8 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/01/2024

Supervised By :mohammad ahmed 01/01/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.981 ng

RT: 21.483 min Scan# 3131

Delta R.T. -0.001 min

Lab File: BG060184.D

Acq: 29 Dec 2023 17:19

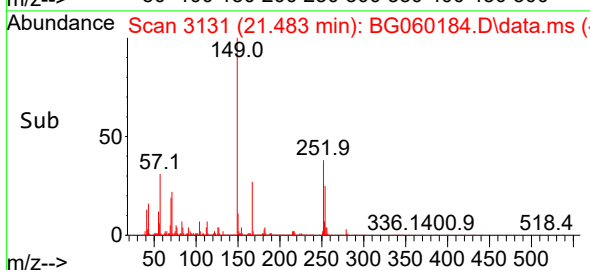
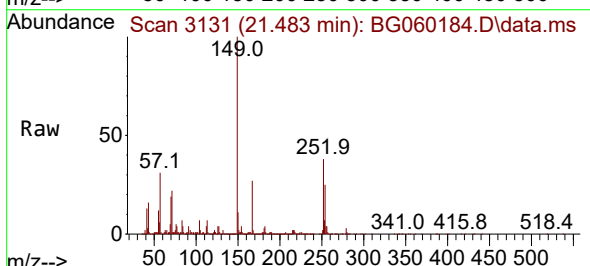
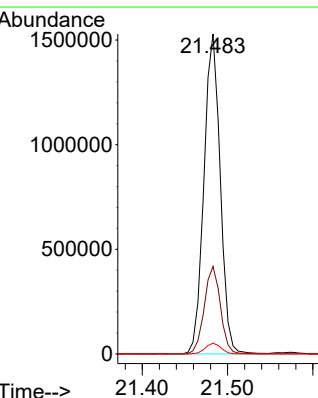
Tgt Ion:149 Resp: 2028689

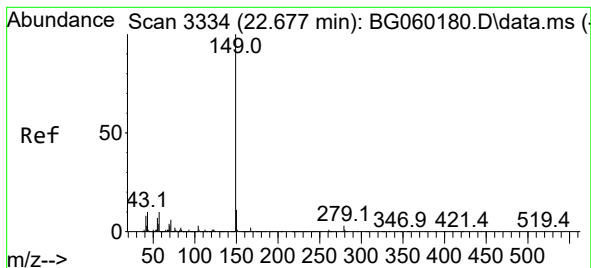
Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.4

279 3.4 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 45.454 ng

RT: 22.676 min Scan# 3334

Delta R.T. -0.001 min

Lab File: BG060184.D

Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923

Tgt Ion:149 Resp: 335564

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

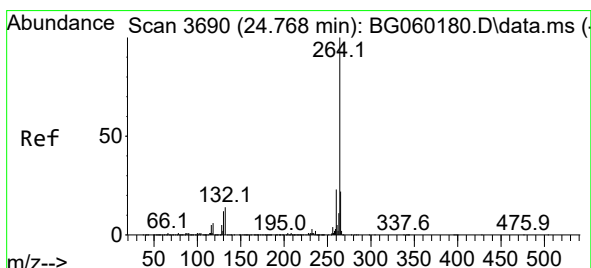
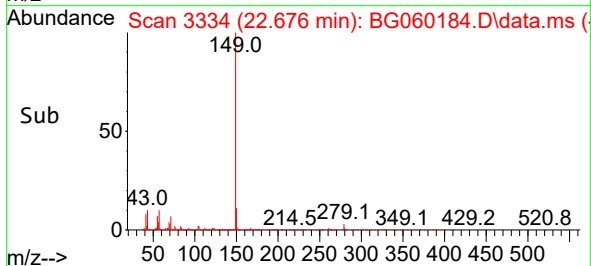
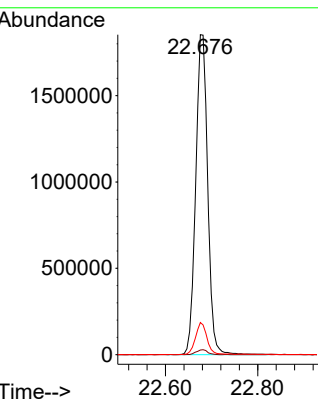
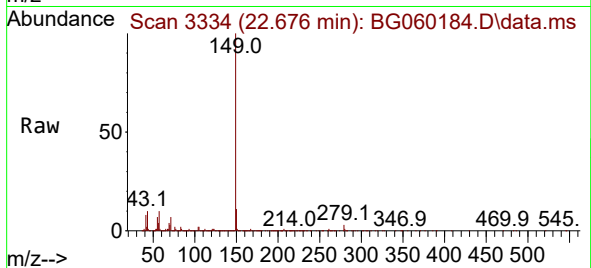
43 9.7 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/01/2024

Supervised By :mohammad ahmed 01/01/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.767 min Scan# 3690

Delta R.T. -0.001 min

Lab File: BG060184.D

Acq: 29 Dec 2023 17:19

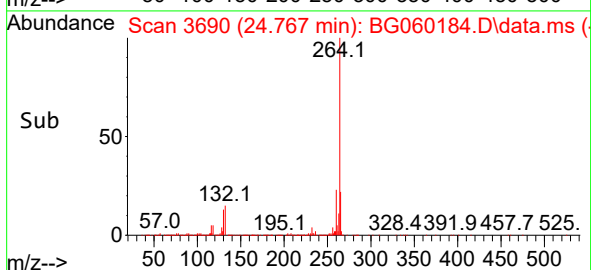
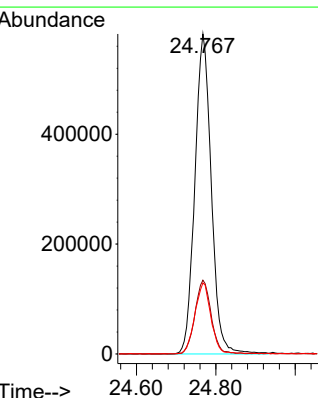
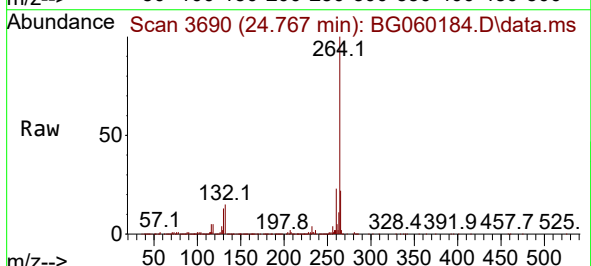
Tgt Ion:264 Resp: 1673895

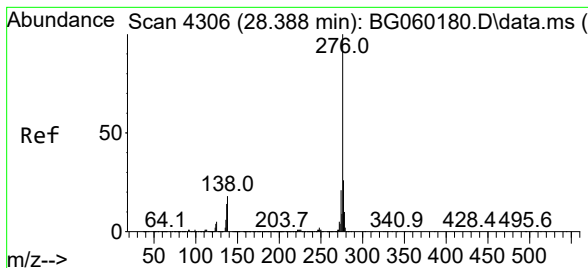
Ion Ratio Lower Upper

264 100

260 23.1 18.0 27.0

265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.361 ng

RT: 28.392 min Scan# 41

Delta R.T. 0.005 min

Lab File: BG060184.D

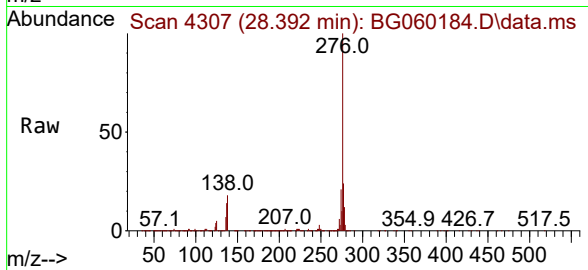
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923



Tgt Ion:276 Resp: 476321

Ion Ratio Lower Upper

276 100

138 22.8 18.0 27.0

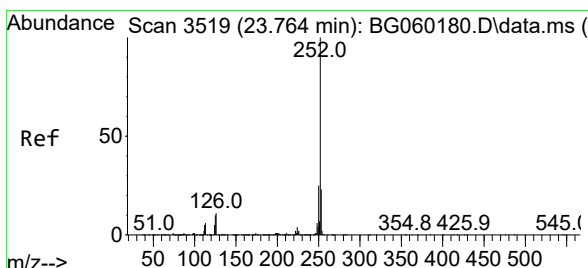
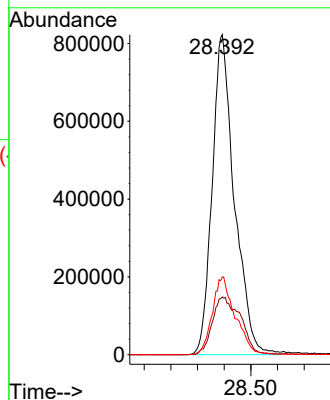
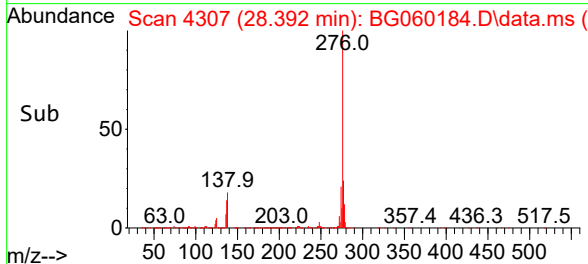
277 25.0 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/01/2024

Supervised By :mohammad ahmed 01/01/2024



#88

Benzo(b)fluoranthene

Concen: 39.850 ng

RT: 23.763 min Scan# 3519

Delta R.T. -0.001 min

Lab File: BG060184.D

Acq: 29 Dec 2023 17:19

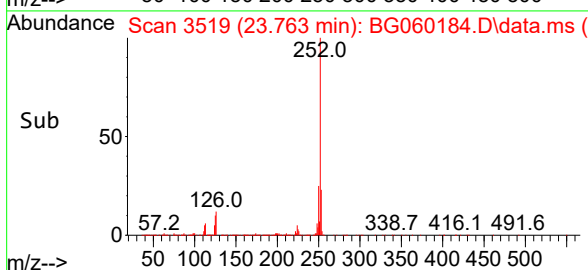
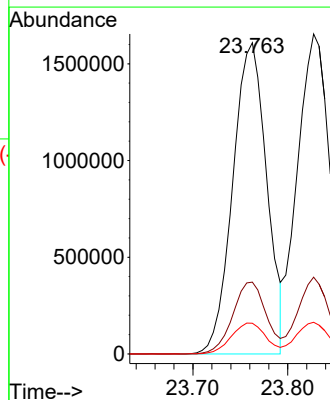
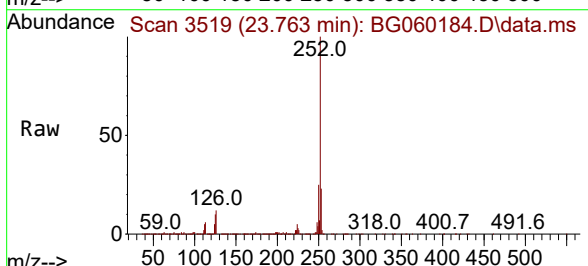
Tgt Ion:252 Resp: 4008544

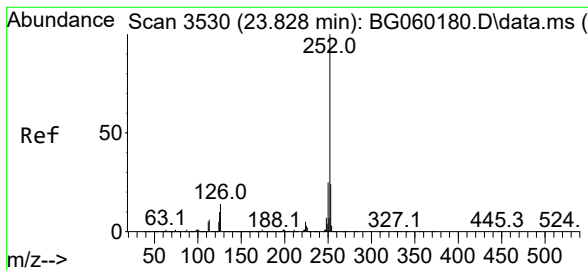
Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

125 9.9 8.0 12.0





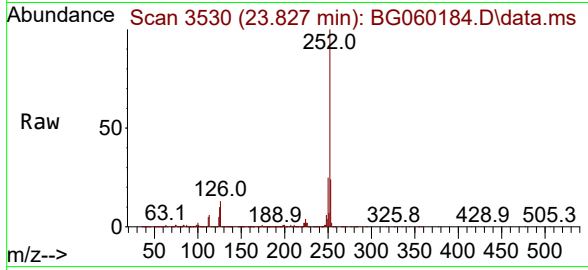
#89
Benzo(k)fluoranthene
Concen: 39.483 ng
RT: 23.827 min Scan# 3530
Delta R.T. -0.001 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923



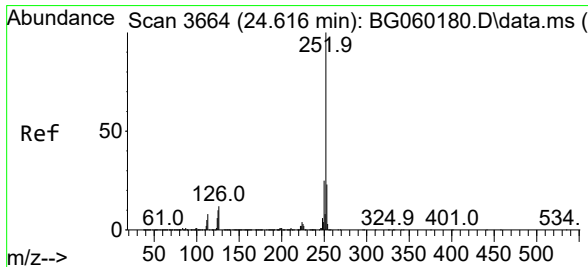
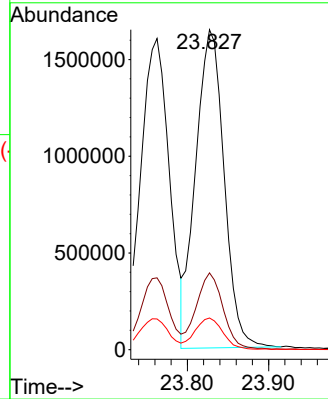
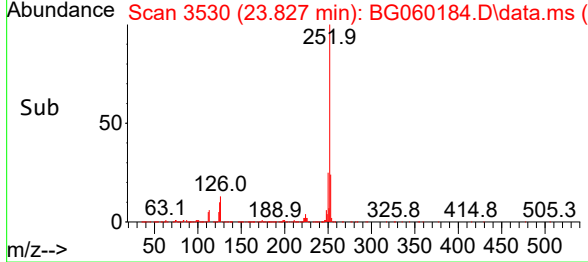
Tgt Ion:252 Resp: 3997399
Ion Ratio Lower Upper
252 100
253 24.0 19.1 28.7
125 9.9 7.7 11.5

Manual Integrations

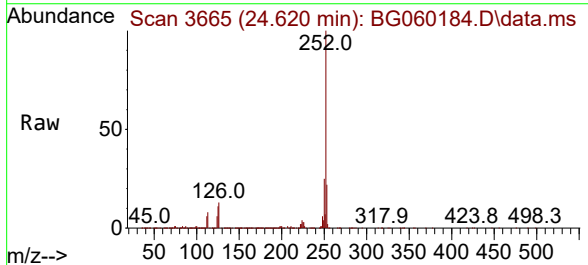
APPROVED

Reviewed By :Yogesh Patel 01/01/2024

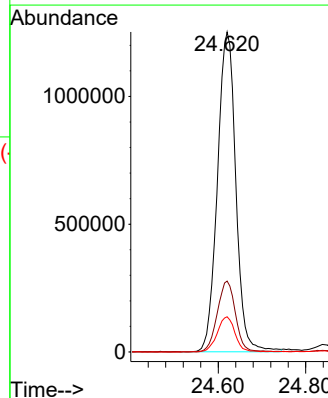
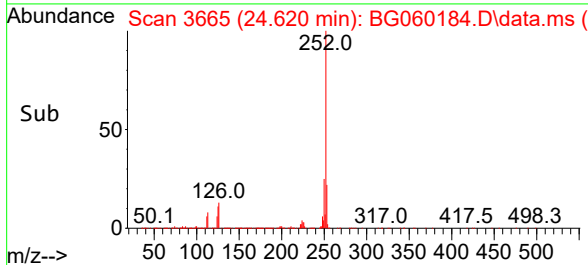
Supervised By :mohammad ahmed 01/01/2024

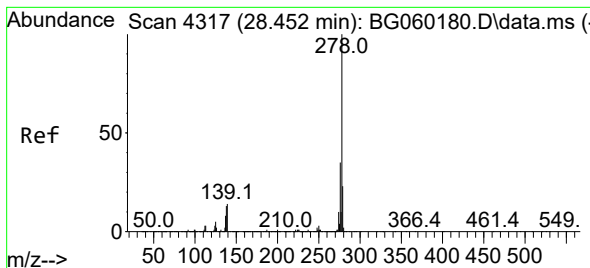


#90
Benzo(a)pyrene
Concen: 40.016 ng
RT: 24.620 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BG060184.D
Acq: 29 Dec 2023 17:19



Tgt Ion:252 Resp: 3641779
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 11.0 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 40.139 ng

RT: 28.457 min Scan# 41

Delta R.T. 0.005 min

Lab File: BG060184.D

Acq: 29 Dec 2023 17:19

Instrument :

BNA_G

ClientSampleId :

ICVBG122923

Tgt Ion:278 Resp: 389210

Ion Ratio Lower Upper

278 100

139 13.8 11.0 16.4

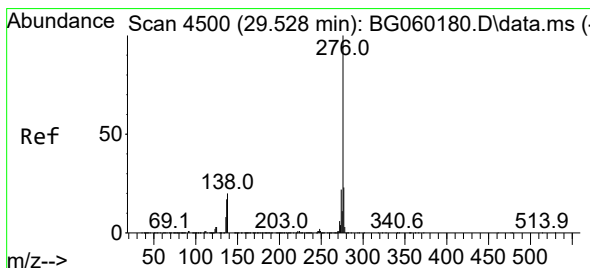
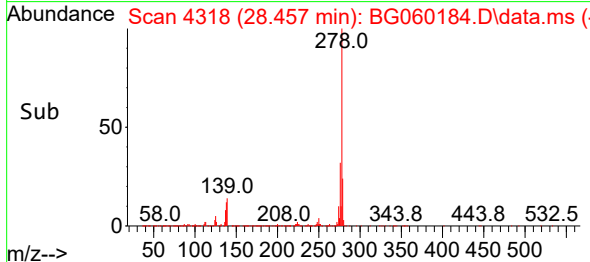
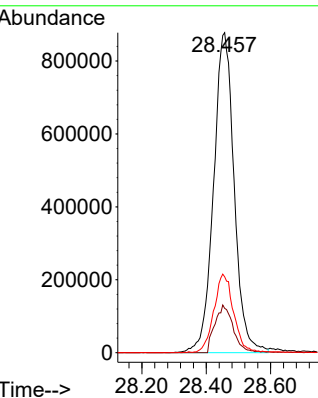
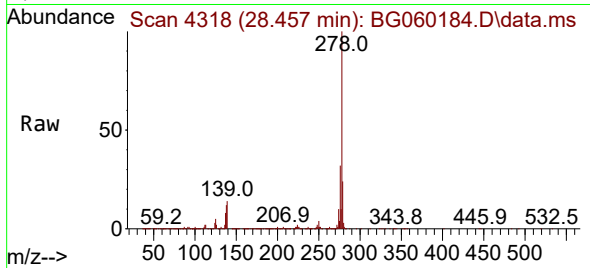
279 23.7 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/01/2024

Supervised By :mohammad ahmed 01/01/2024



#92

Benzo(g,h,i)perylene

Concen: 40.197 ng

RT: 29.532 min Scan# 4501

Delta R.T. 0.005 min

Lab File: BG060184.D

Acq: 29 Dec 2023 17:19

Tgt Ion:276 Resp: 3948051

Ion Ratio Lower Upper

276 100

277 21.9 18.7 28.1

138 18.6 15.9 23.9

