

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
 Data File : BG060857.D
 Acq On : 11 Apr 2024 12:29
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 11 13:22:37 2024

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	63444	20.000	ng	-0.01
21) Naphthalene-d8	10.745	136	261306	20.000	ng	-0.01
39) Acenaphthene-d10	14.582	164	203588	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	483172	20.000	ng	0.00
76) Chrysene-d12	21.591	240	425740	20.000	ng	-0.01
86) Perylene-d12	24.729	264	509423	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	293725	77.125	ng	0.00
7) Phenol-d6	7.114	99	414202	73.269	ng	0.00
23) Nitrobenzene-d5	9.106	82	440206	96.128	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	242493	104.927	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	1084113	78.152	ng	-0.01
79) Terphenyl-d14	19.952	244	1920898	79.447	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.460	88	56227	36.010	ng	98
3) Pyridine	3.847	79	170128	36.122	ng	89
4) n-Nitrosodimethylamine	3.759	42	113064	40.160	ng	87
6) Aniline	7.273	93	254795	35.691	ng	98
8) 2-Chlorophenol	7.514	128	163238	37.808	ng	95
9) Benzaldehyde	7.085	77	111000m	35.608	ng	
10) Phenol	7.144	94	207947	36.043	ng	99
11) bis(2-Chloroethyl)ether	7.373	93	165369	35.502	ng	99
12) 1,3-Dichlorobenzene	7.843	146	173261	38.588	ng	96
13) 1,4-Dichlorobenzene	7.984	146	175619	38.338	ng	99
14) 1,2-Dichlorobenzene	8.301	146	171693	38.247	ng	98
15) Benzyl Alcohol	8.183	79	177059	38.666	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.483	45	397698m	37.832	ng	
17) 2-Methylphenol	8.389	107	160063	36.750	ng	96
18) Hexachloroethane	9.035	117	64782	39.819	ng	88
19) n-Nitroso-di-n-propyla...	8.753	70	155862	36.154	ng	# 96
20) 3+4-Methylphenols	8.718	107	221469	37.133	ng	91
22) Acetophenone	8.765	105	284822	39.530	ng	97
24) Nitrobenzene	9.147	77	217170	42.916	ng	97
25) Isophorone	9.676	82	404104	38.313	ng	99
26) 2-Nitrophenol	9.858	139	90152	50.066	ng	90
27) 2,4-Dimethylphenol	9.923	122	163525	38.595	ng	98
28) bis(2-Chloroethoxy)met...	10.158	93	228832	36.748	ng	97
29) 2,4-Dichlorophenol	10.393	162	167950	43.167	ng	99
30) 1,2,4-Trichlorobenzene	10.610	180	184117	41.791	ng	98
31) Naphthalene	10.798	128	546940	38.694	ng	100
32) Benzoic acid	10.058	122	131375	46.803	ng	95
33) 4-Chloroaniline	10.898	127	251123	38.250	ng	97
34) Hexachlorobutadiene	11.086	225	136655	46.542	ng	95
35) Caprolactam	11.673	113	61832	40.125	ng	91
36) 4-Chloro-3-methylphenol	12.026	107	204511	41.147	ng	98
37) 2-Methylnaphthalene	12.408	142	405649	39.035	ng	98
38) 1-Methylnaphthalene	12.625	142	378761	38.581	ng	97
40) 1,2,4,5-Tetrachloroben...	12.772	216	250798	42.850	ng	99
41) Hexachlorocyclopentadiene	12.755	237	138580	46.565	ng	97
43) 2,4,6-Trichlorophenol	13.013	196	167617	44.475	ng	99

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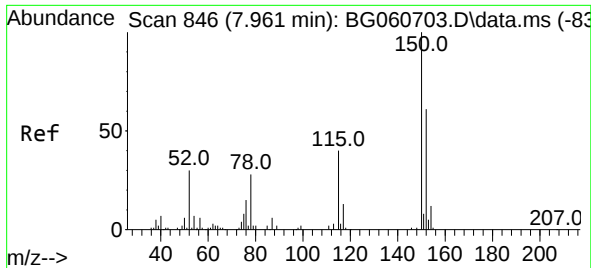
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

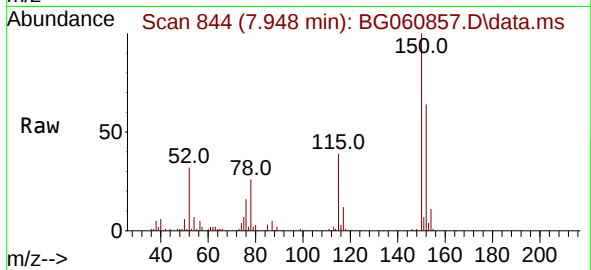
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.084	196	200638	44.610	ng	94
46) 1,1'-Biphenyl	13.419	154	549523	38.214	ng	98
47) 2-Chloronaphthalene	13.454	162	417160	38.182	ng	98
48) 2-Nitroaniline	13.654	65	166565	47.170	ng	97
49) Acenaphthylene	14.306	152	702420	38.263	ng	99
50) Dimethylphthalate	14.041	163	618201	38.417	ng	100
51) 2,6-Dinitrotoluene	14.153	165	126470	44.194	ng	94
52) Acenaphthene	14.646	154	464731m	40.320	ng	
53) 3-Nitroaniline	14.482	138	135862	43.283	ng	96
54) 2,4-Dinitrophenol	14.688	184	68859	61.477	ng	91
55) Dibenzofuran	14.981	168	702232	38.625	ng	98
56) 4-Nitrophenol	14.787	139	108546	46.142	ng	95
57) 2,4-Dinitrotoluene	14.940	165	180571	48.179	ng	93
58) Fluorene	15.634	166	567463	38.890	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.205	232	181525	46.312	ng	97
60) Diethylphthalate	15.410	149	609259	37.633	ng	100
61) 4-Chlorophenyl-phenyle...	15.628	204	312336	40.461	ng	96
62) 4-Nitroaniline	15.645	138	144097	48.978	ng	97
63) Azobenzene	15.921	77	577451	36.603	ng	96
65) 4,6-Dinitro-2-methylph...	15.704	198	103160	51.188	ng	95
66) n-Nitrosodiphenylamine	15.839	169	534730	38.728	ng	98
67) 4-Bromophenyl-phenylether	16.521	248	216488	44.149	ng	99
68) Hexachlorobenzene	16.638	284	231290	41.783	ng	97
69) Atrazine	16.791	200	192147	39.796	ng	98
70) Pentachlorophenol	16.979	266	168018	46.518	ng	97
71) Phenanthrene	17.373	178	954397	37.980	ng	100
72) Anthracene	17.461	178	988118	38.720	ng	100
73) Carbazole	17.731	167	853991	37.954	ng	99
74) Di-n-butylphthalate	18.307	149	1027399	36.625	ng	99
75) Fluoranthene	19.382	202	1152388	37.793	ng	97
77) Benzidine	19.558	184	410870	36.650	ng	99
78) Pyrene	19.746	202	1179077	39.599	ng	99
80) Butylbenzylphthalate	20.645	149	440427	40.549	ng	97
81) Benzo(a)anthracene	21.574	228	1177410	39.234	ng	99
82) 3,3'-Dichlorobenzidine	21.491	252	424384	41.881	ng	# 98
83) Chrysene	21.638	228	1119816	38.714	ng	99
84) Bis(2-ethylhexyl)phtha...	21.509	149	640296	36.986	ng	99
85) Di-n-octyl phthalate	22.702	149	1114619	39.521	ng	98
87) Indeno(1,2,3-cd)pyrene	28.289	276	1386409	38.647	ng	# 97
88) Benzo(b)fluoranthene	23.736	252	1110775	37.954	ng	98
89) Benzo(k)fluoranthene	23.806	252	1124700m	37.546	ng	
90) Benzo(a)pyrene	24.582	252	1098914	38.638	ng	99
91) Dibenzo(a,h)anthracene	28.360	278	1150350	38.040	ng	97
92) Benzo(g,h,i)perylene	29.400	276	1118990	38.039	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.948 min Scan# 84
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

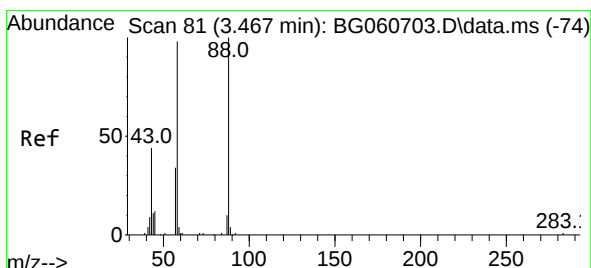
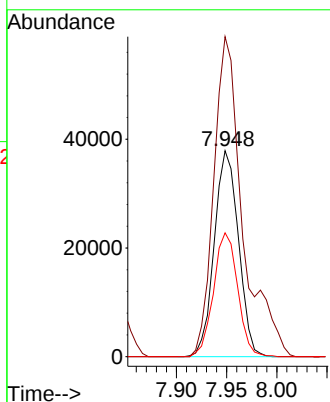
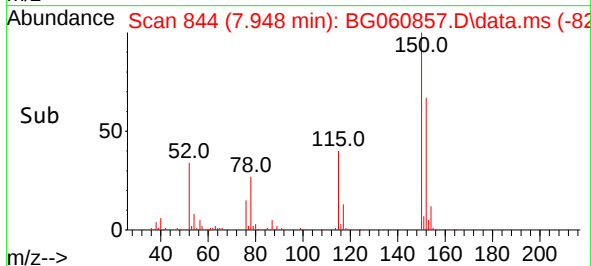
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



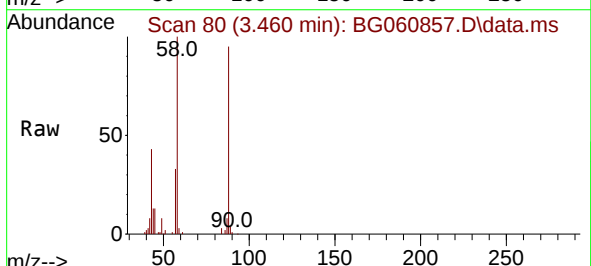
Tgt Ion:152 Resp: 6344
Ion Ratio Lower Upper
152 100
150 155.4 130.2 195.4
115 60.1 51.6 77.4

Manual Integrations
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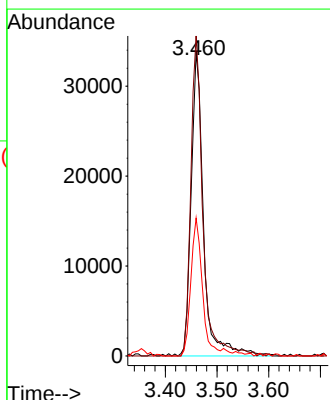
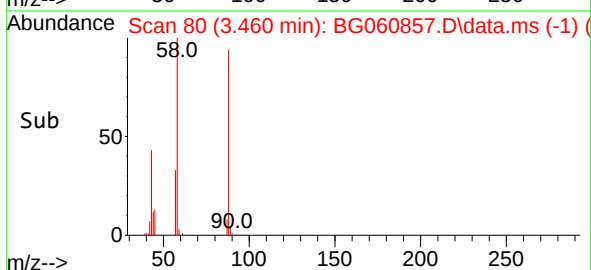
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024

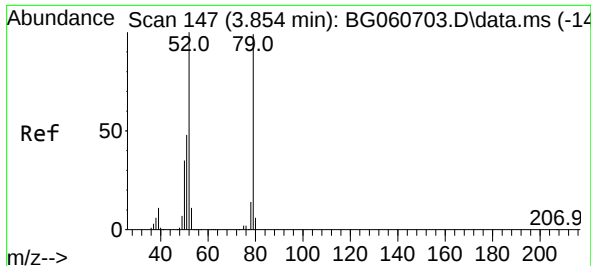


#2
1,4-Dioxane
Concen: 36.010 ng
RT: 3.460 min Scan# 80
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29



Tgt Ion: 88 Resp: 56227
Ion Ratio Lower Upper
88 100
58 102.7 80.9 121.3
43 41.9 35.4 53.0





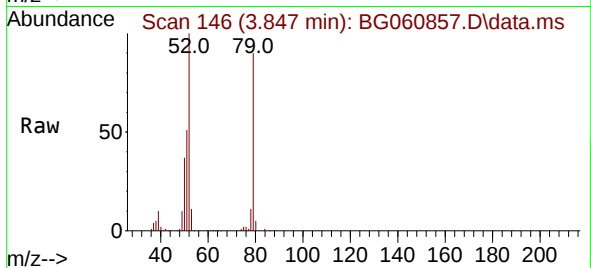
#3
Pyridine
Concen: 36.122 ng
RT: 3.847 min Scan# 147
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



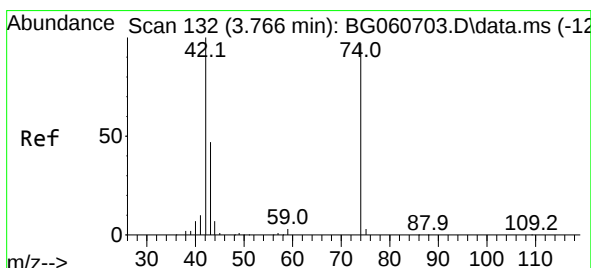
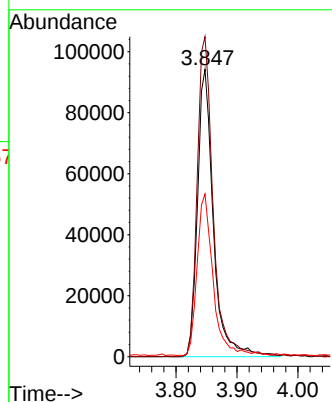
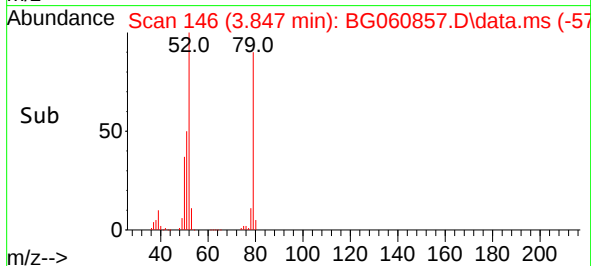
Tgt Ion: 79 Resp: 170128
Ion Ratio Lower Upper
79 100
52 111.4 80.6 120.8
51 56.6 39.1 58.7

Manual Integrations

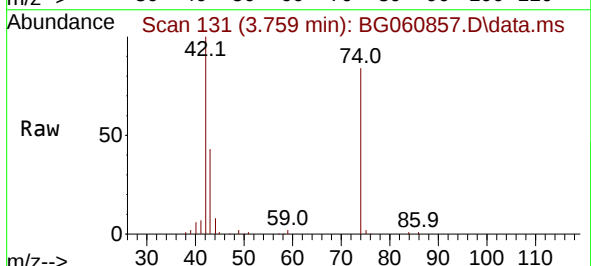
APPROVED

Reviewed By :Yogesh Patel 04/12/2024

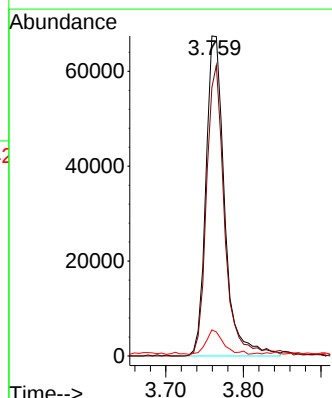
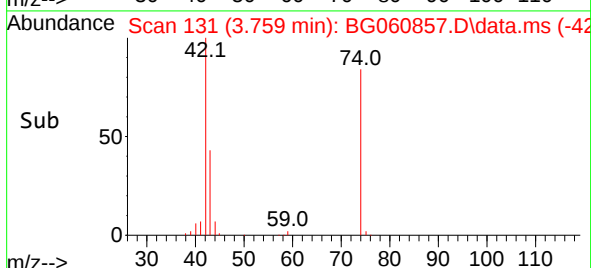
Supervised By :mohammad ahmed 04/17/2024

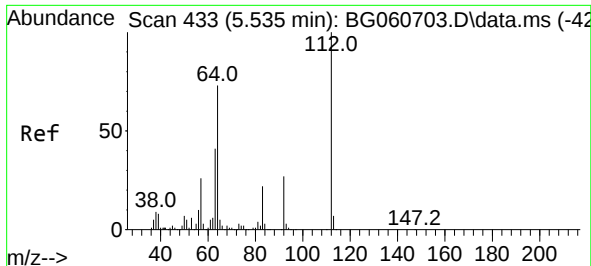


#4
n-Nitrosodimethylamine
Concen: 40.160 ng
RT: 3.759 min Scan# 131
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29



Tgt Ion: 42 Resp: 113064
Ion Ratio Lower Upper
42 100
74 83.9 77.8 116.8
44 8.1 6.8 10.2





#5
2-Fluorophenol
Concen: 77.125 ng
RT: 5.534 min Scan# 411
Delta R.T. -0.001 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

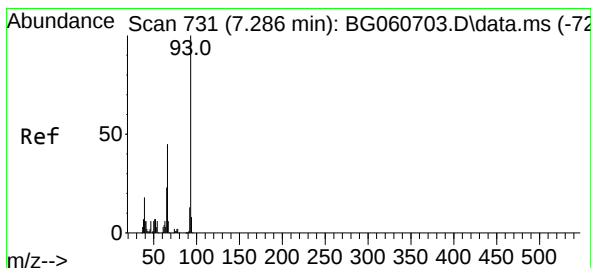
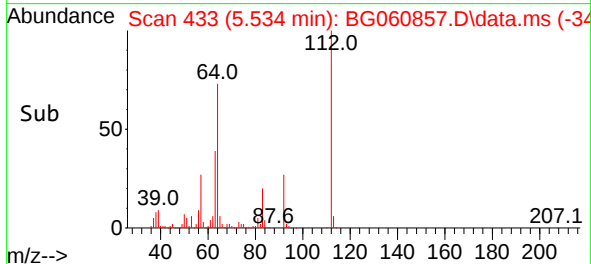
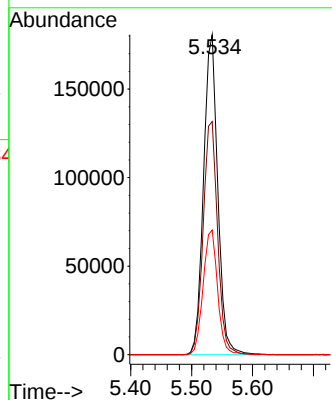
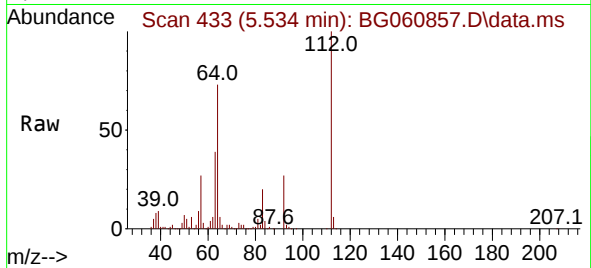
ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 293725
Ion Ratio Lower Upper
112 100
64 72.8 58.4 87.6
63 38.9 32.7 49.1

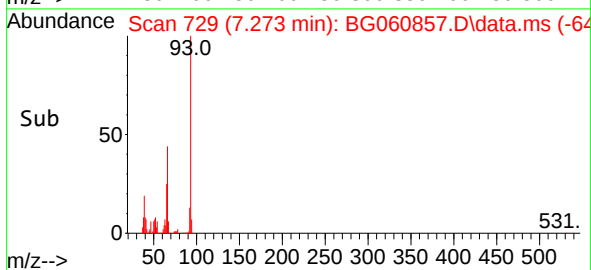
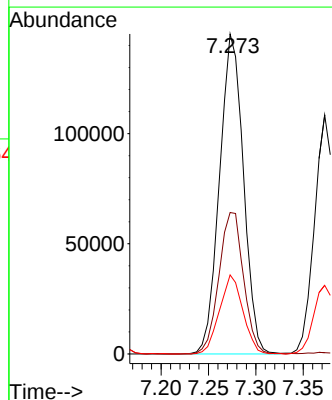
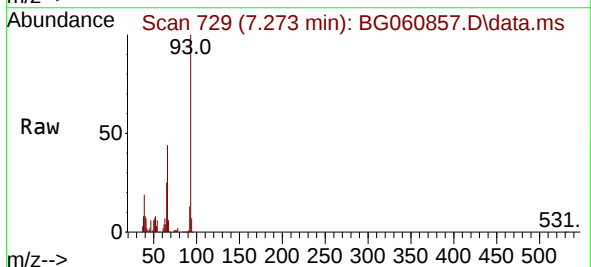
Manual Integrations
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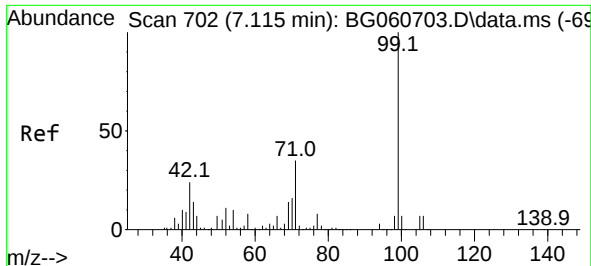
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#6
Aniline
Concen: 35.691 ng
RT: 7.273 min Scan# 729
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

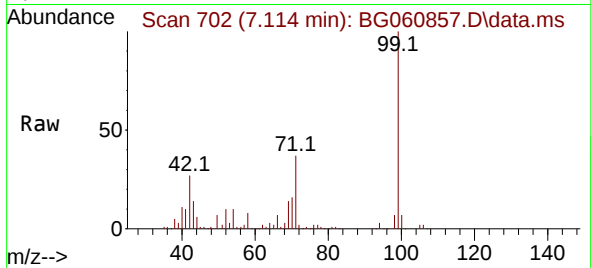
Tgt Ion: 93 Resp: 254795
Ion Ratio Lower Upper
93 100
66 44.2 36.1 54.1
65 24.7 18.1 27.1





#7
Phenol-d6
Concen: 73.269 ng
RT: 7.114 min Scan# 702
Delta R.T. -0.001 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

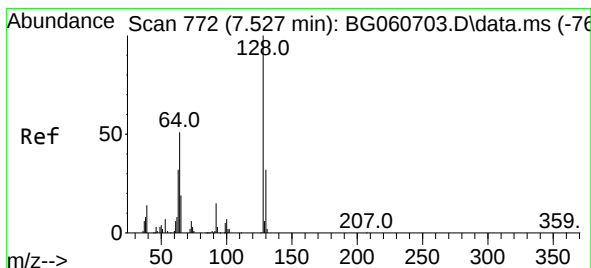
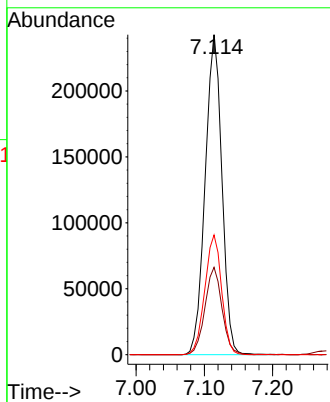
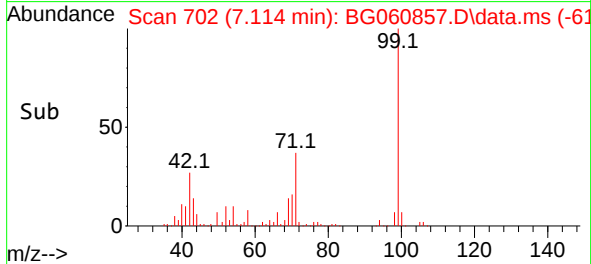
Instrument :
BNA_G
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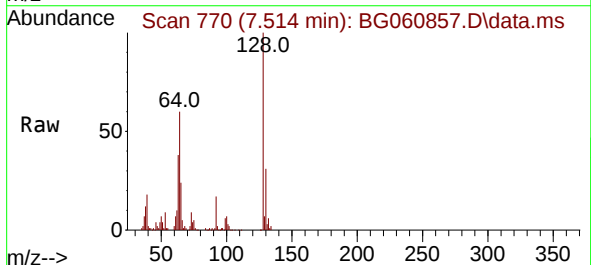
Tgt Ion: 99 Resp: 414202
Ion Ratio Lower Upper
99 100
42 27.3 19.4 29.2
71 37.4 28.2 42.2

Manual Integrations
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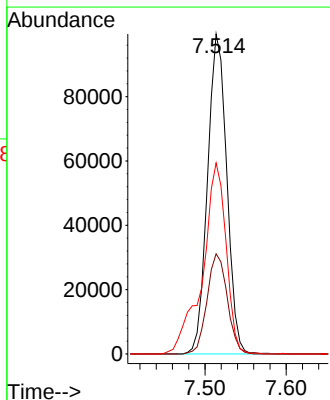
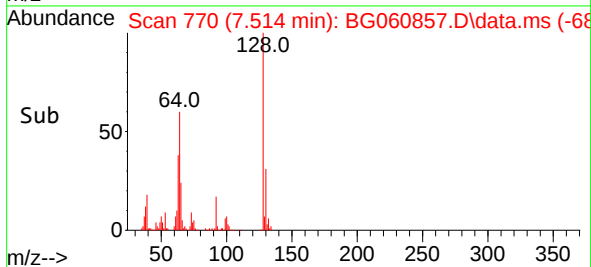
Reviewed By :Yogesh Patel 04/12/2024
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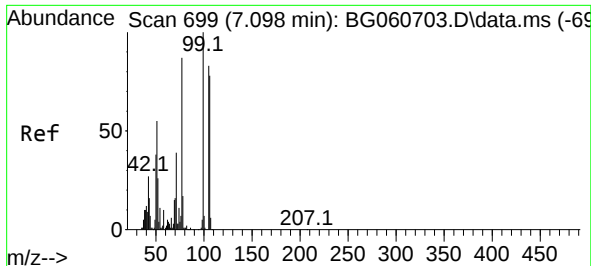


#8
2-Chlorophenol
Concen: 37.808 ng
RT: 7.514 min Scan# 770
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29



Tgt Ion:128 Resp: 163238
Ion Ratio Lower Upper
128 100
130 31.3 12.3 52.3
64 59.7 35.0 75.0





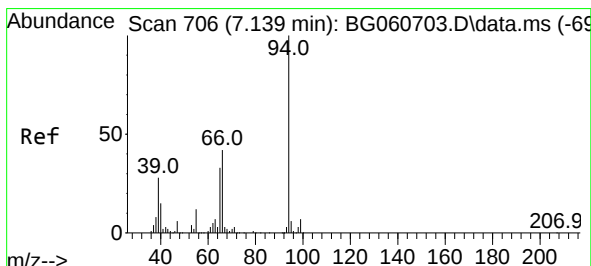
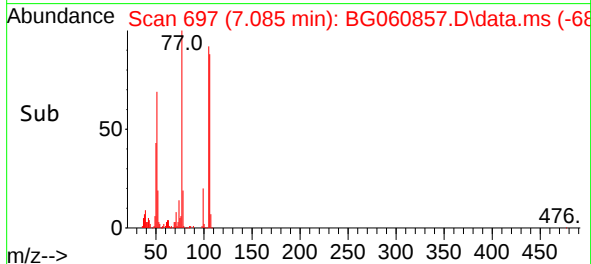
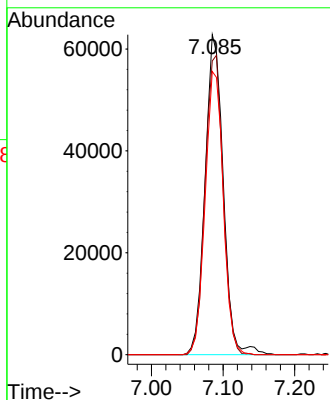
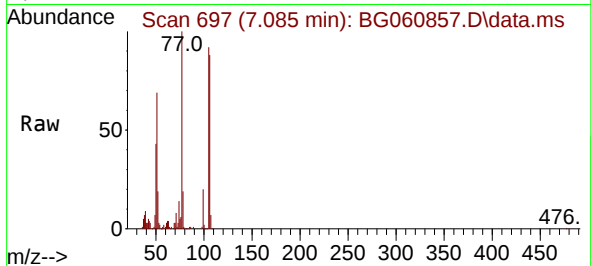
#9
Benzaldehyde
Concen: 35.608 ng m
RT: 7.085 min Scan# 699
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 111000
Ion Ratio Lower Upper
77 100
105 91.8 76.0 116.0
106 88.5 70.3 110.3

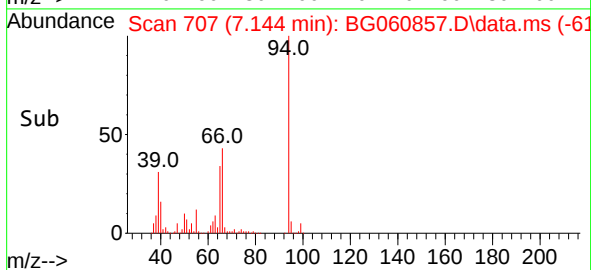
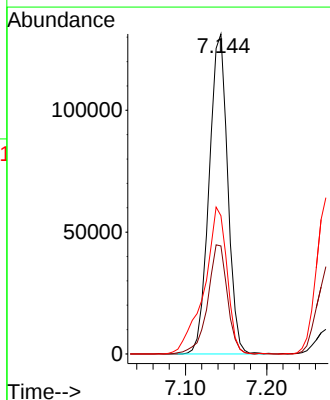
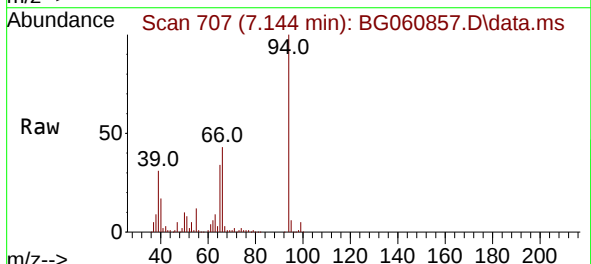
Manual Integrations
APPROVED

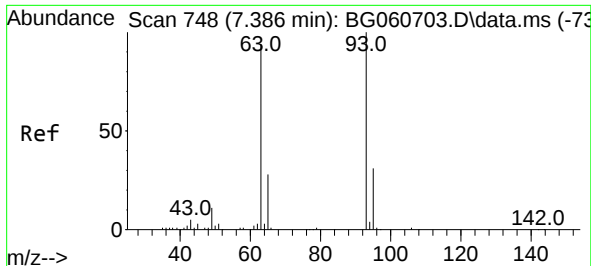
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#10
Phenol
Concen: 36.043 ng
RT: 7.144 min Scan# 707
Delta R.T. 0.005 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

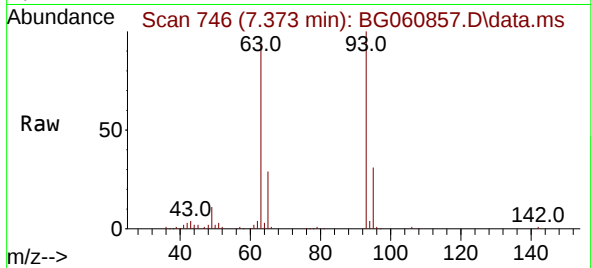
Tgt Ion: 94 Resp: 207947
Ion Ratio Lower Upper
94 100
65 33.7 13.3 53.3
66 43.2 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 35.502 ng
RT: 7.373 min Scan# 748
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

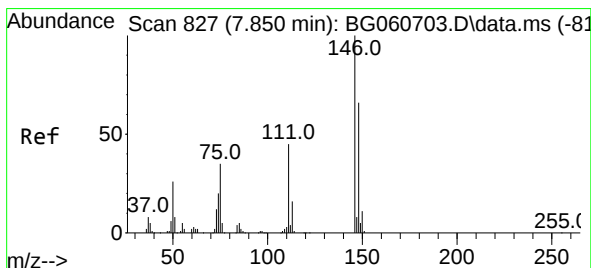
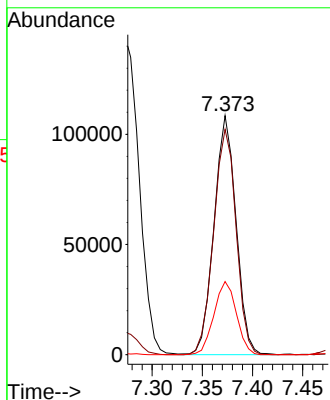
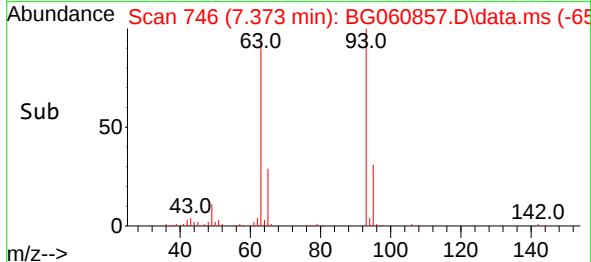
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



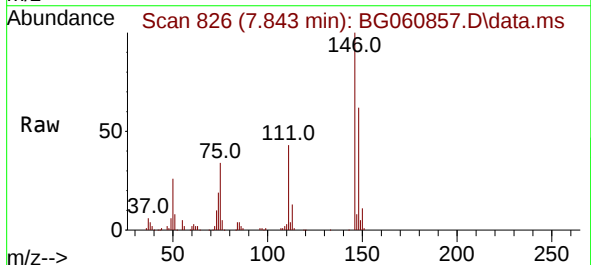
Tgt Ion: 93 Resp: 165369
Ion Ratio Lower Upper
93 100
63 94.2 73.7 113.7
95 30.6 11.2 51.2

Manual Integrations
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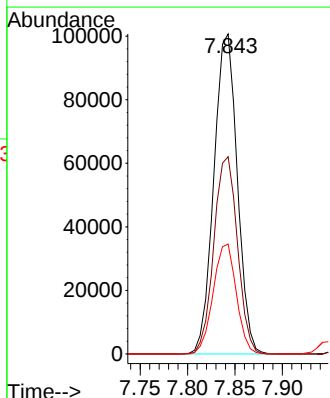
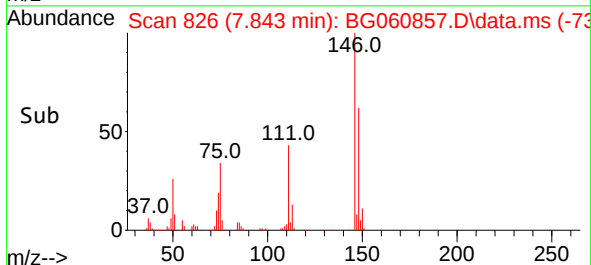
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024

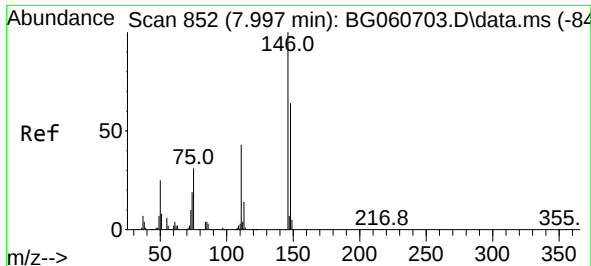


#12
1,3-Dichlorobenzene
Concen: 38.588 ng
RT: 7.843 min Scan# 826
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29



Tgt Ion:146 Resp: 173261
Ion Ratio Lower Upper
146 100
148 61.6 53.0 79.4
75 34.4 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 38.338 ng

RT: 7.984 min Scan# 852

Delta R.T. -0.013 min

Lab File: BG060857.D

Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 175619

Ion Ratio Lower Upper

146 100

148 63.1 51.1 76.7

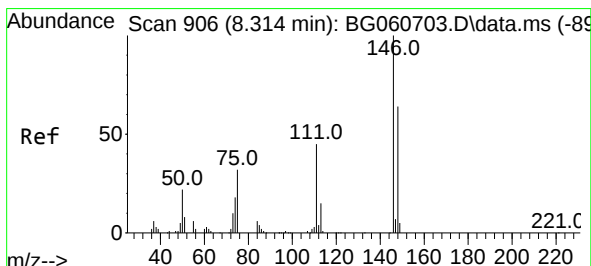
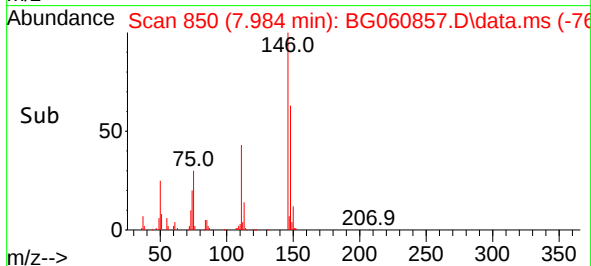
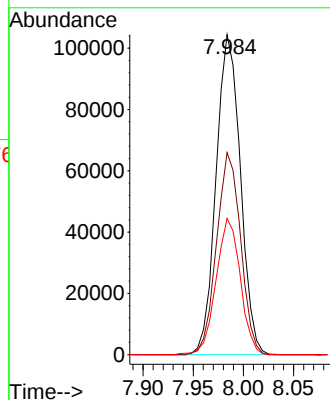
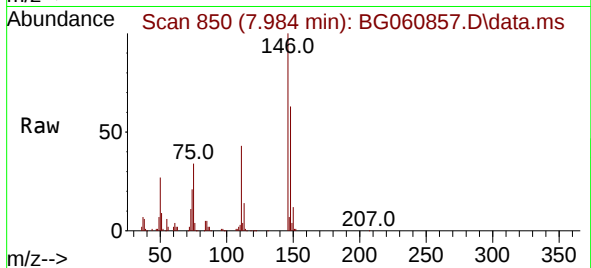
111 42.5 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024



#14

1,2-Dichlorobenzene

Concen: 38.247 ng

RT: 8.301 min Scan# 904

Delta R.T. -0.013 min

Lab File: BG060857.D

Acq: 11 Apr 2024 12:29

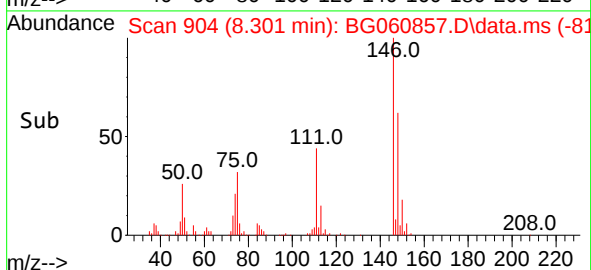
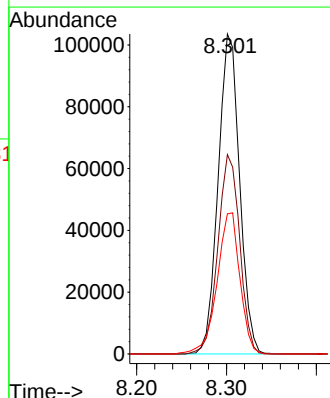
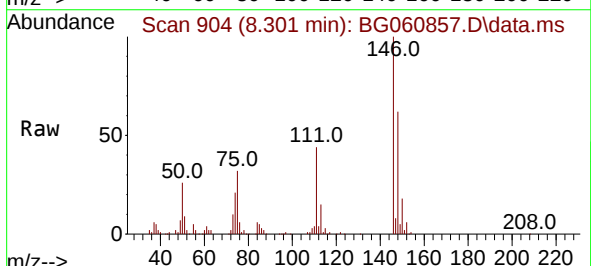
Tgt Ion:146 Resp: 171693

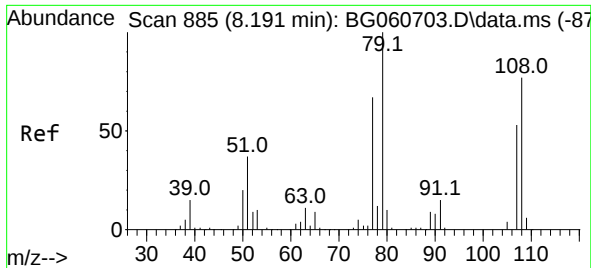
Ion Ratio Lower Upper

146 100

148 62.3 51.0 76.6

111 43.8 36.0 54.0





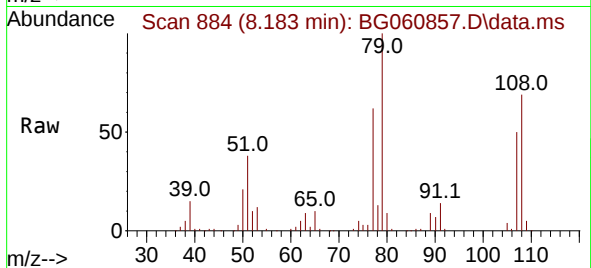
#15
Benzyl Alcohol
Concen: 38.666 ng
RT: 8.183 min Scan# 885
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

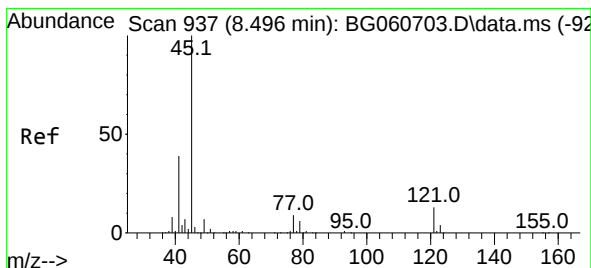
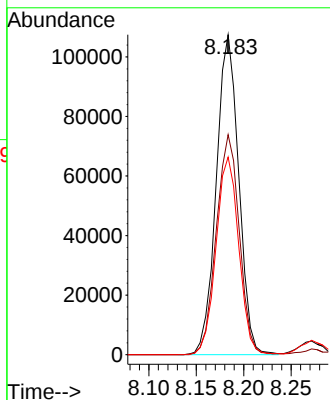
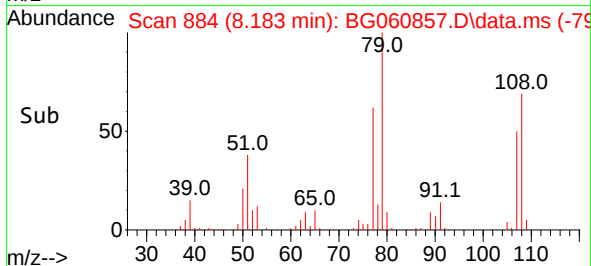


Tgt Ion: 79 Resp: 177059
Ion Ratio Lower Upper
79 100
108 68.8 61.4 92.0
77 61.7 53.6 80.4

Manual Integrations

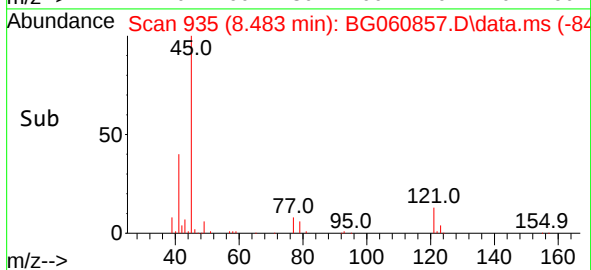
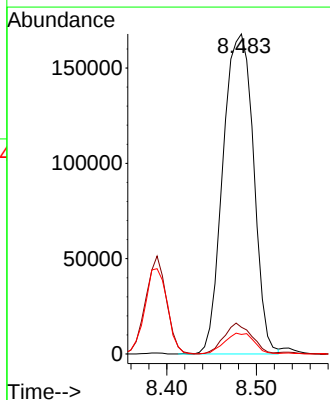
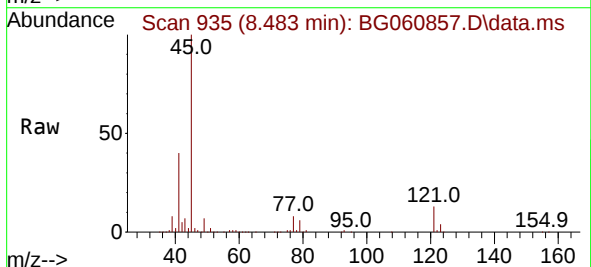
APPROVED

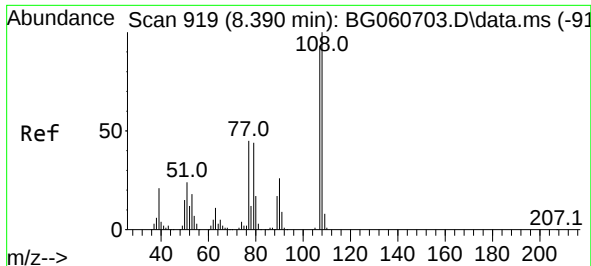
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.832 ng m
RT: 8.483 min Scan# 935
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Tgt Ion: 45 Resp: 397698
Ion Ratio Lower Upper
45 100
77 8.4 0.0 29.1
79 6.1 0.0 26.5





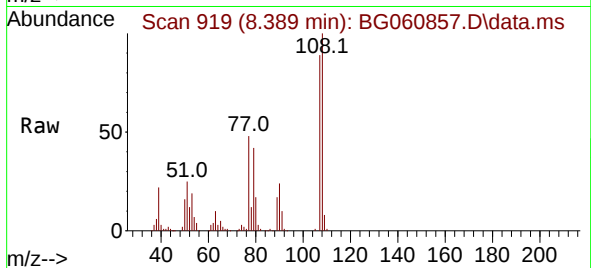
#17
2-Methylphenol
Concen: 36.750 ng
RT: 8.389 min Scan# 919
Delta R.T. -0.001 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



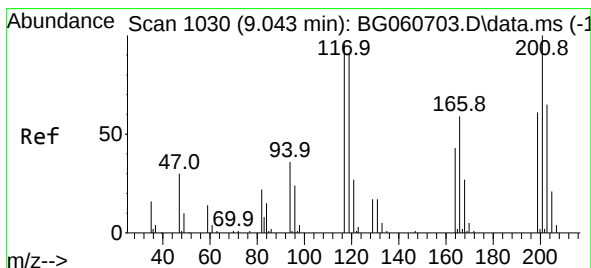
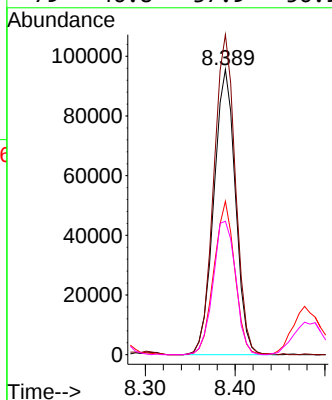
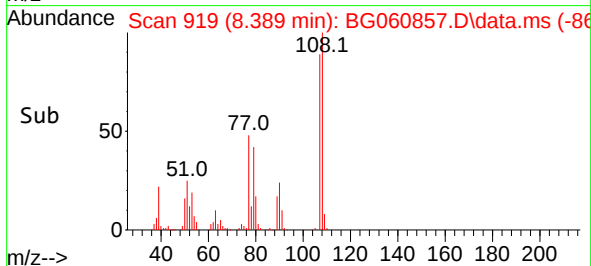
Tgt Ion:	107	Resp:	16006
Ion Ratio	Lower	Upper	
107	100		
108	112.2	86.4	129.6
77	53.8	38.6	58.0
79	46.8	37.9	56.9

Manual Integrations

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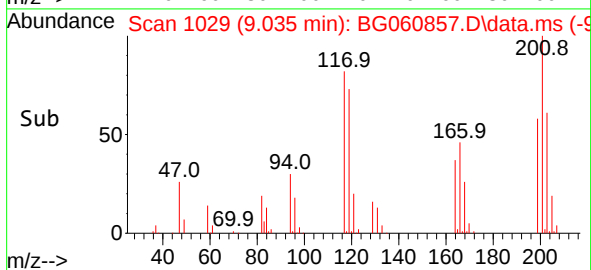
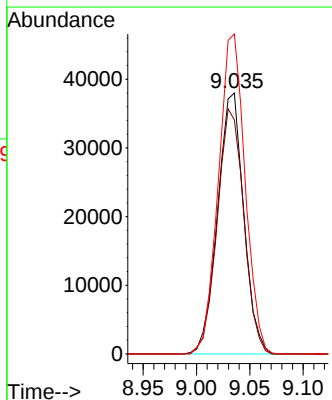
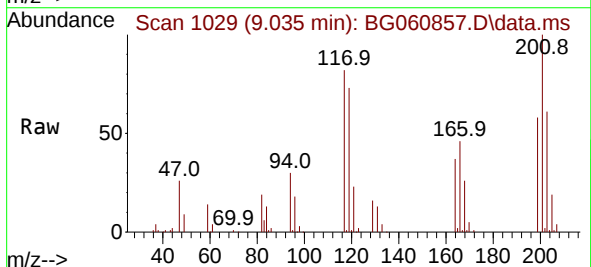
Reviewed By :Yogesh Patel 04/12/2024

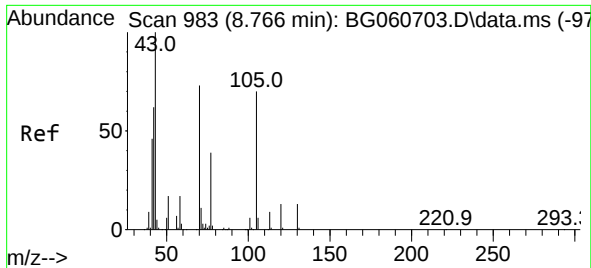
Supervised By :mohammad ahmed 04/17/2024



#18
Hexachloroethane
Concen: 39.819 ng
RT: 9.035 min Scan# 1029
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

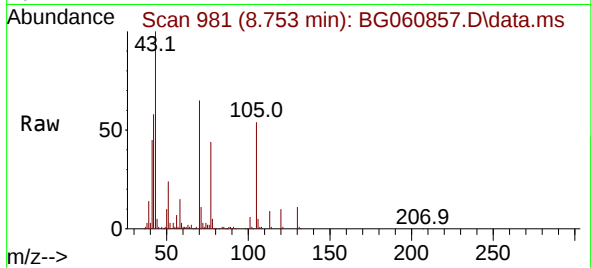
Tgt Ion:	117	Resp:	64782
Ion Ratio	Lower	Upper	
117	100		
119	89.7	75.7	113.5
201	122.6	83.4	125.2





#19
n-Nitroso-di-n-propylamine
Concen: 36.154 ng
RT: 8.753 min Scan# 981
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

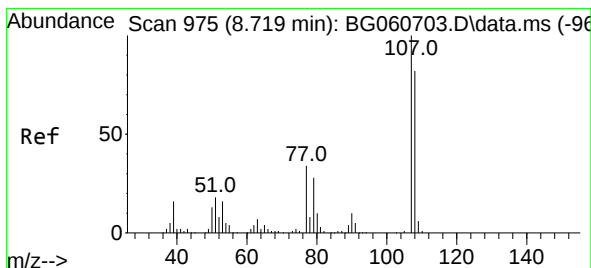
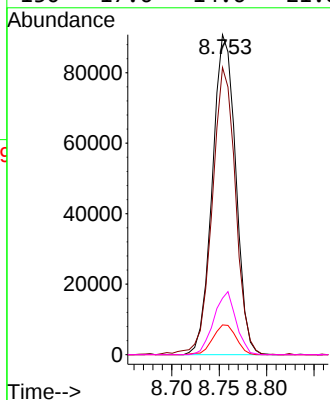
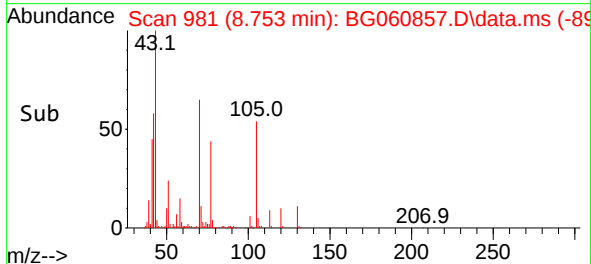
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 70 Resp: 155862
Ion Ratio Lower Upper
70 100
42 89.8 68.4 102.6
101 9.3 6.1 9.1
130 17.6 14.6 21.8

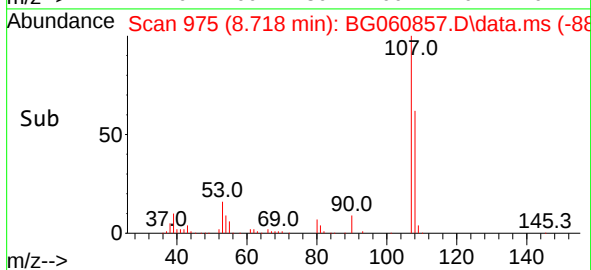
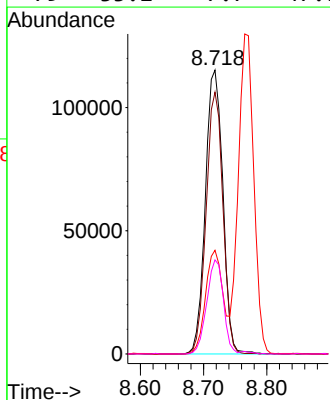
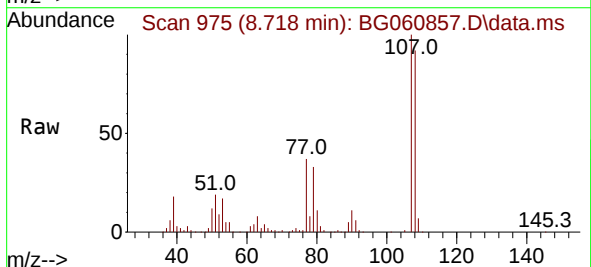
Manual Integrations
APPROVED

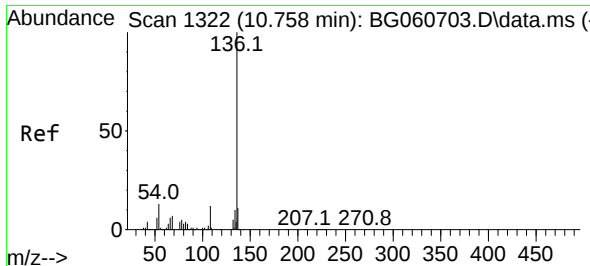
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#20
3+4-Methylphenols
Concen: 37.133 ng
RT: 8.718 min Scan# 975
Delta R.T. -0.001 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Tgt Ion:107 Resp: 221469
Ion Ratio Lower Upper
107 100
108 92.2 62.2 102.2
77 36.6 14.1 54.1
79 33.2 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1320
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

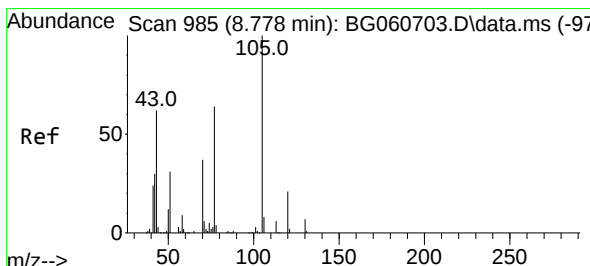
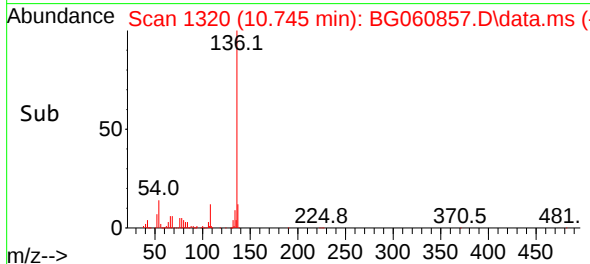
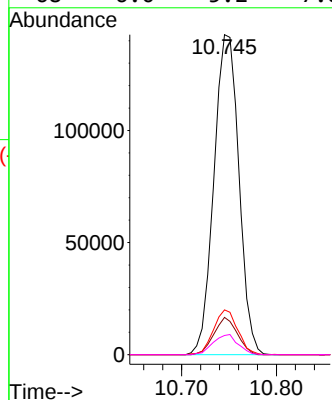
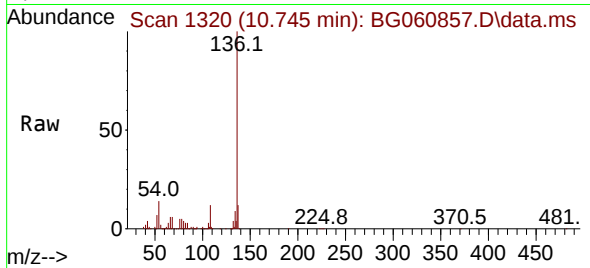
SSTDCCC040

Tgt Ion:136 Resp: 261300
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 14.0 10.2 15.2
68 6.0 5.2 7.8

Manual Integrations

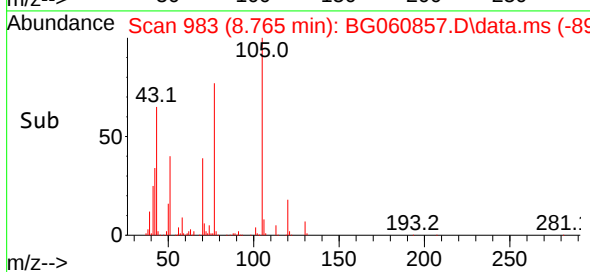
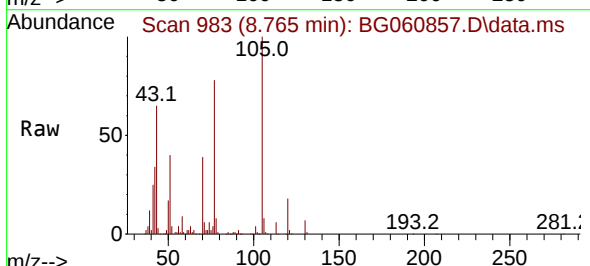
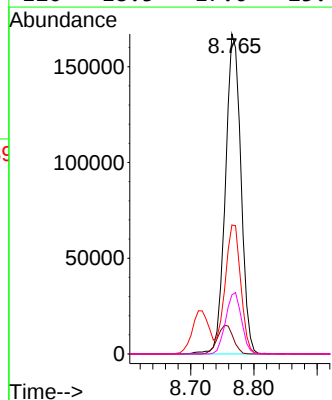
APPROVED

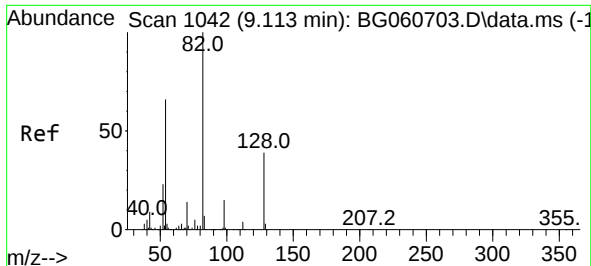
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#22
Acetophenone
Concen: 39.530 ng
RT: 8.765 min Scan# 983
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Tgt Ion:105 Resp: 284822
Ion Ratio Lower Upper
105 100
71 6.2 4.9 7.3
51 40.3 31.1 46.7
120 18.5 17.0 25.4





#23
Nitrobenzene-d5
Concen: 96.128 ng
RT: 9.106 min Scan# 1041
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

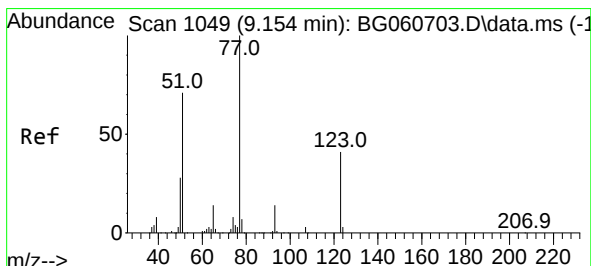
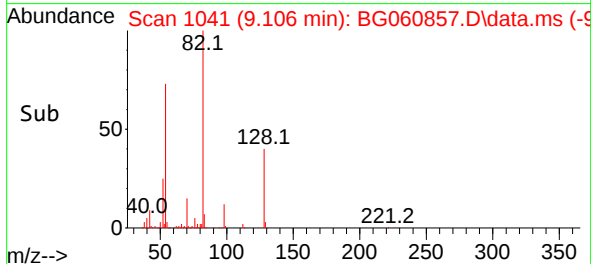
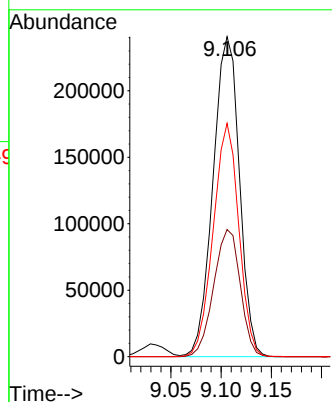
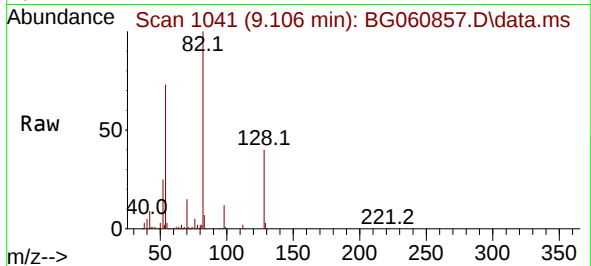
Tgt Ion: 82 Resp: 440200
Ion Ratio Lower Upper
82 100
128 39.7 31.2 46.8
54 72.9 53.2 79.8

Manual Integrations

APPROVED

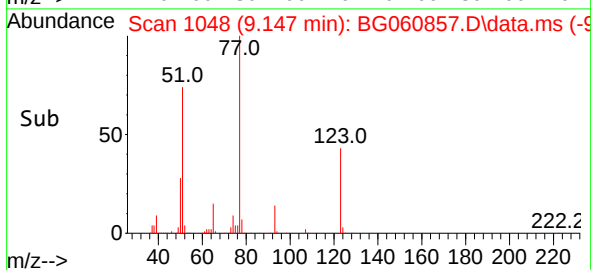
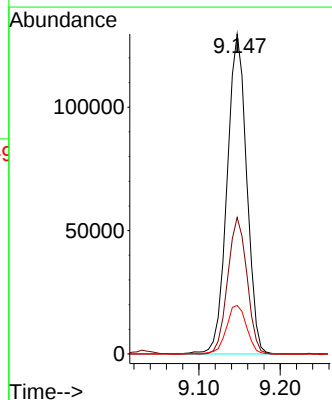
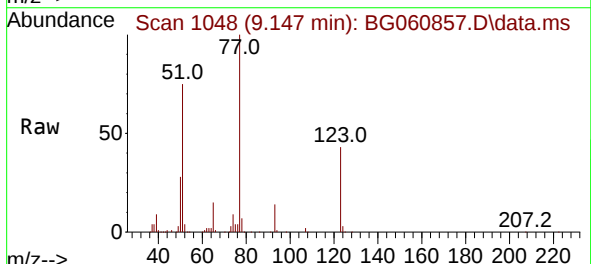
Reviewed By :Yogesh Patel 04/12/2024

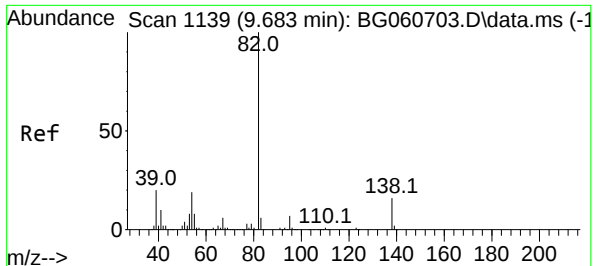
Supervised By :mohammad ahmed 04/17/2024



#24
Nitrobenzene
Concen: 42.916 ng
RT: 9.147 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Tgt Ion: 77 Resp: 217170
Ion Ratio Lower Upper
77 100
123 42.7 32.7 49.1
65 15.1 11.3 16.9





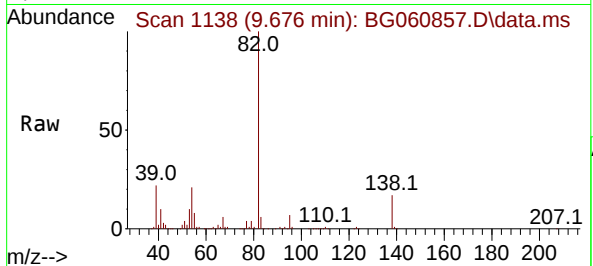
#25
Isophorone
Concen: 38.313 ng
RT: 9.676 min Scan# 1139
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



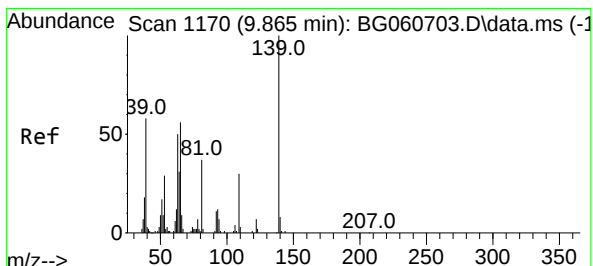
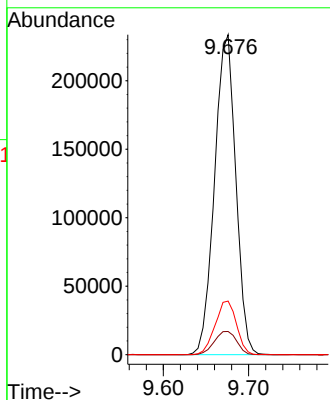
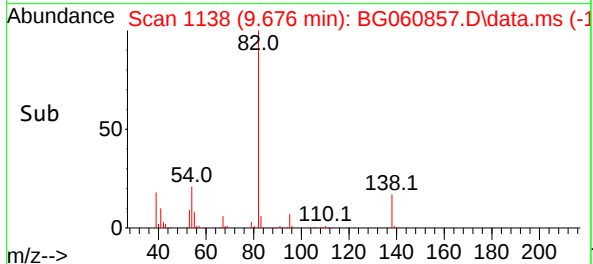
Tgt Ion: 82 Resp: 404104
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 16.7 13.0 19.4

Manual Integrations

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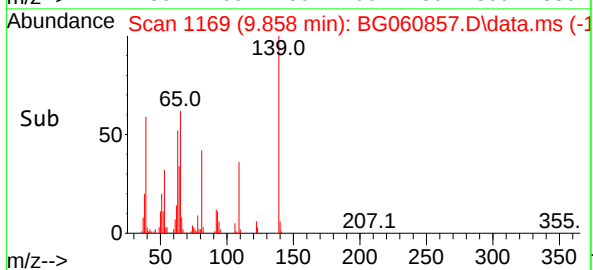
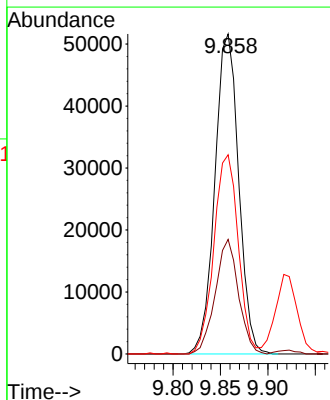
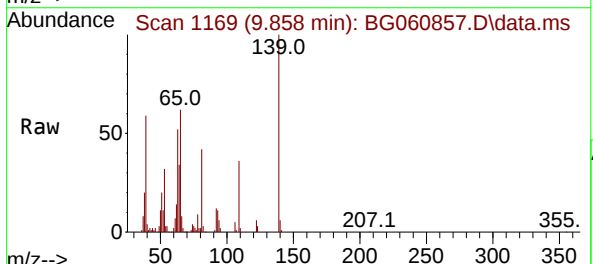
Reviewed By :Yogesh Patel 04/12/2024

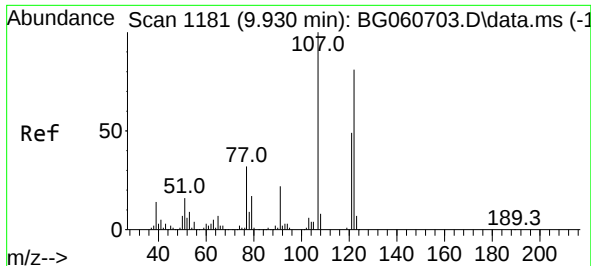
Supervised By :mohammad ahmed 04/17/2024



#26
2-Nitrophenol
Concen: 50.066 ng
RT: 9.858 min Scan# 1169
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Tgt Ion:139 Resp: 90152
Ion Ratio Lower Upper
139 100
109 35.8 23.9 35.9
65 62.3 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 38.595 ng

RT: 9.923 min Scan# 1181

Delta R.T. -0.007 min

Lab File: BG060857.D

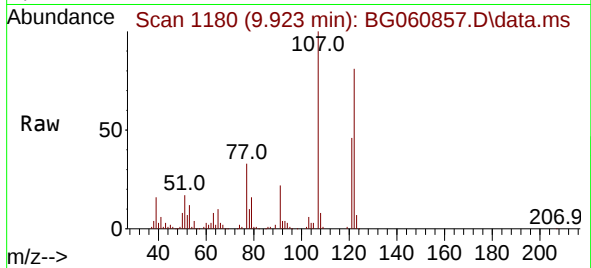
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:122 Resp: 16352

Ion Ratio Lower Upper

122 100

107 122.9 98.6 147.8

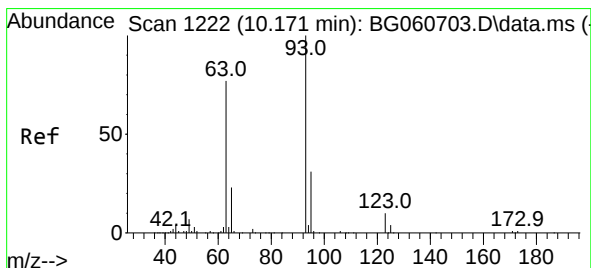
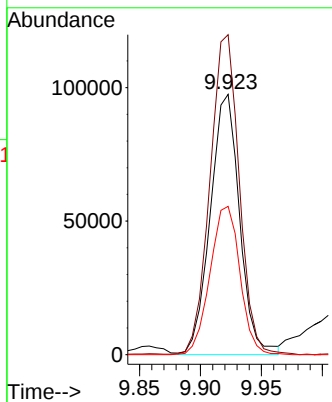
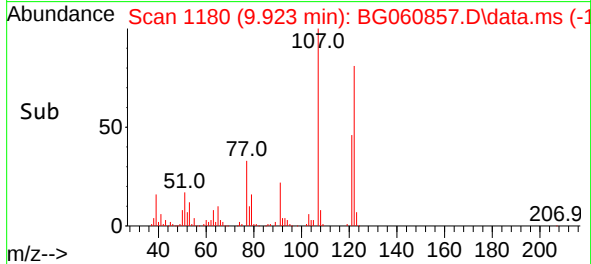
121 57.0 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024



#28

bis(2-Chloroethoxy)methane

Concen: 36.748 ng

RT: 10.158 min Scan# 1220

Delta R.T. -0.013 min

Lab File: BG060857.D

Acq: 11 Apr 2024 12:29

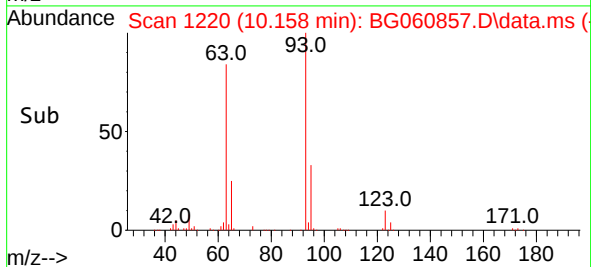
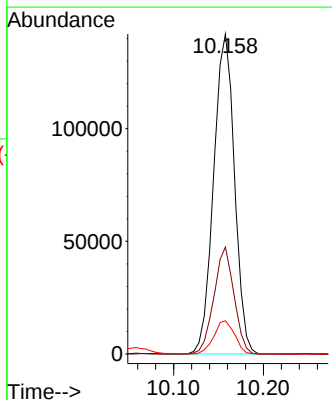
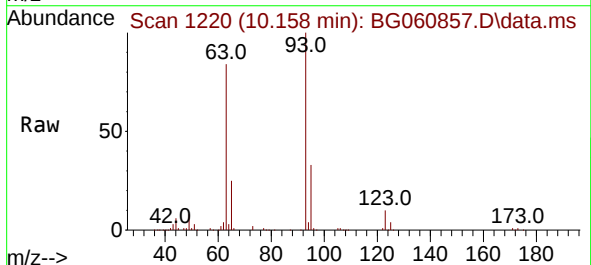
Tgt Ion: 93 Resp: 228832

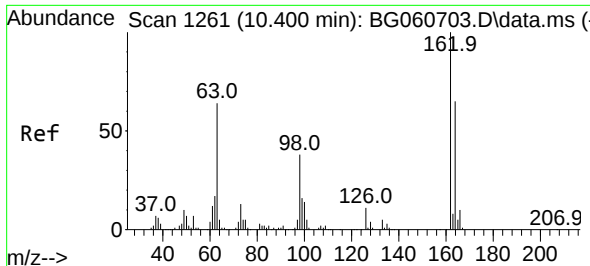
Ion Ratio Lower Upper

93 100

95 33.4 25.1 37.7

123 10.3 8.0 12.0





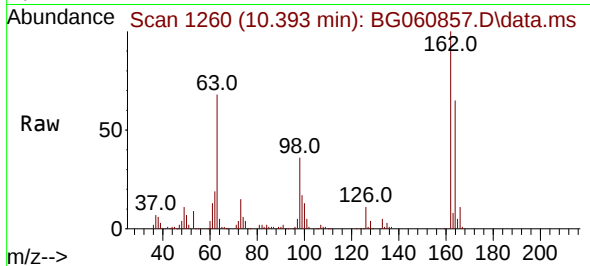
#29
2,4-Dichlorophenol
Concen: 43.167 ng
RT: 10.393 min Scan# 1260
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

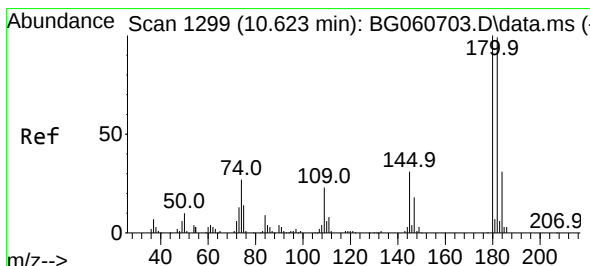
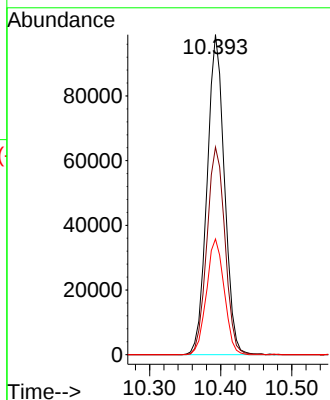
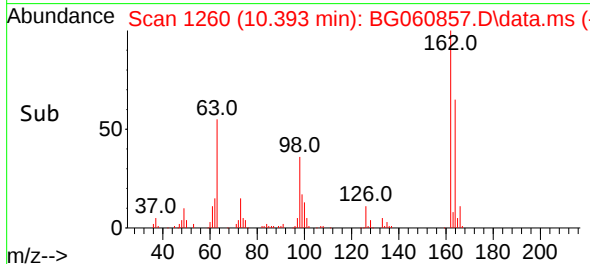


Tgt Ion:162 Resp: 167950
Ion Ratio Lower Upper
162 100
164 64.8 45.2 85.2
98 36.2 17.7 57.7

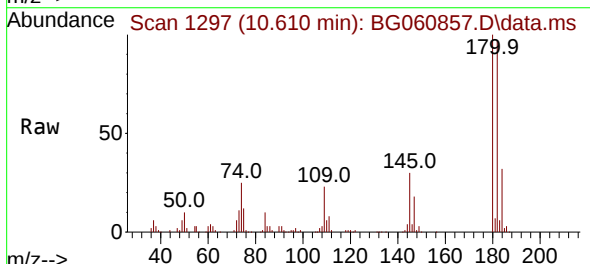
Manual Integrations

APPROVED

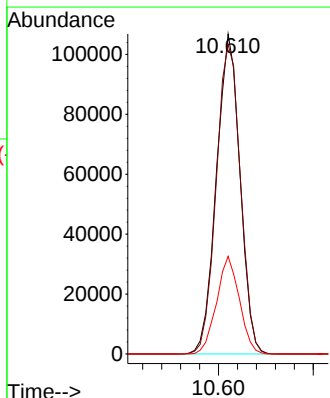
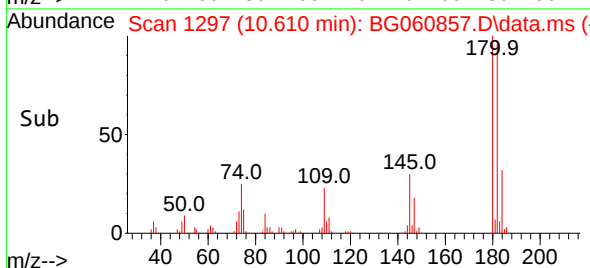
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024

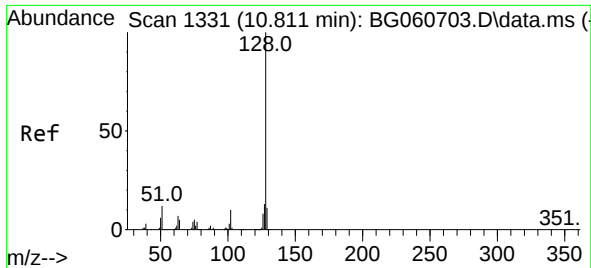


#30
1,2,4-Trichlorobenzene
Concen: 41.791 ng
RT: 10.610 min Scan# 1297
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29



Tgt Ion:180 Resp: 184117
Ion Ratio Lower Upper
180 100
182 96.8 79.0 118.4
145 30.5 24.9 37.3





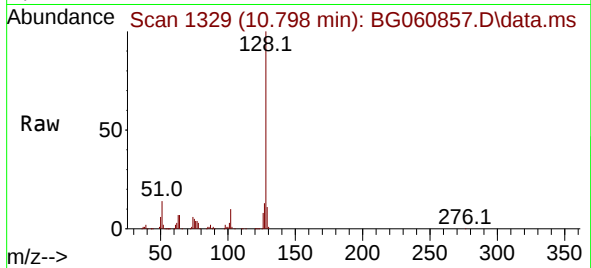
#31
Naphthalene
Concen: 38.694 ng
RT: 10.798 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



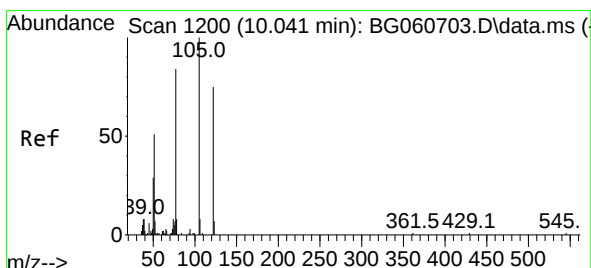
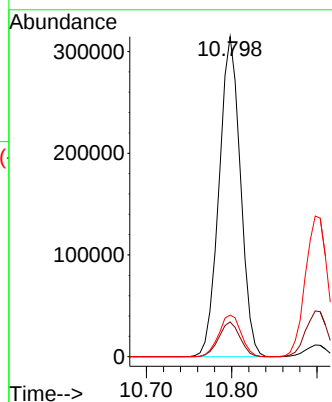
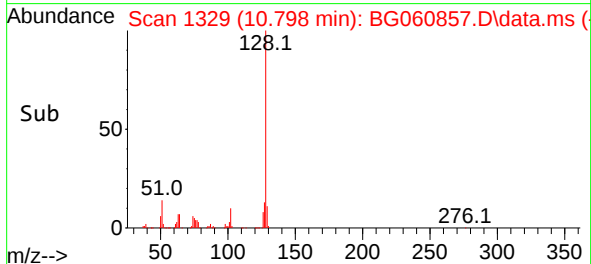
Tgt Ion:128 Resp: 546940
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.0 10.5 15.7

Manual Integrations

APPROVED

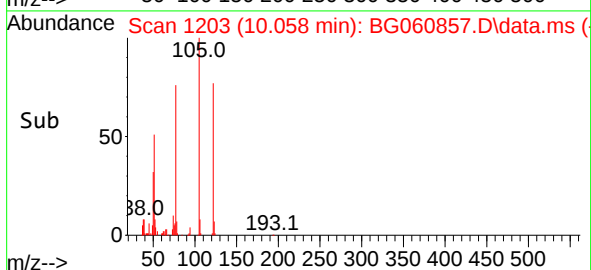
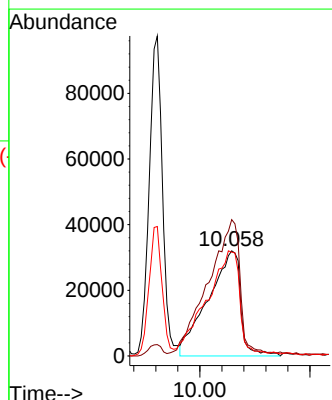
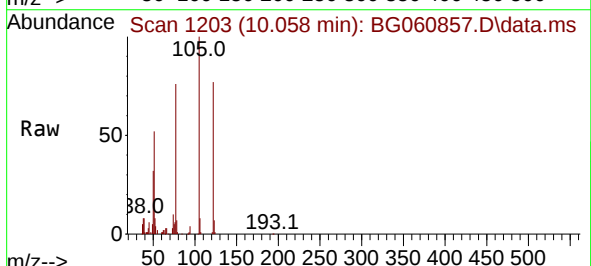
Reviewed By :Yogesh Patel 04/12/2024

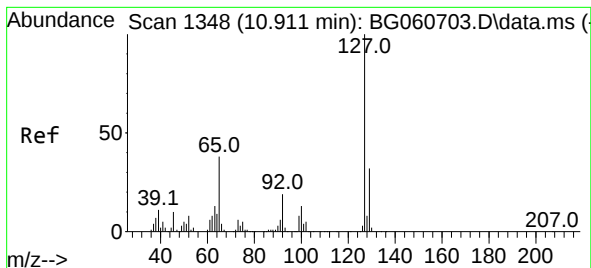
Supervised By :mohammad ahmed 04/17/2024



#32
Benzoic acid
Concen: 46.803 ng
RT: 10.058 min Scan# 1203
Delta R.T. 0.017 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Tgt Ion:122 Resp: 131375
Ion Ratio Lower Upper
122 100
105 129.7 104.5 144.5
77 98.8 85.3 125.3





#33
4-Chloroaniline
Concen: 38.250 ng
RT: 10.898 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

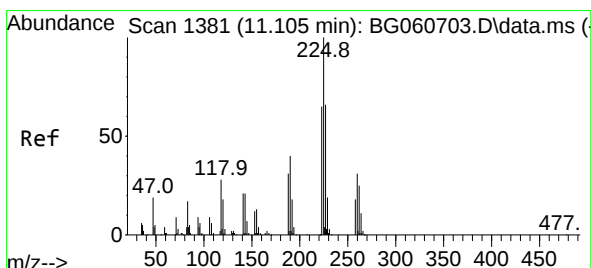
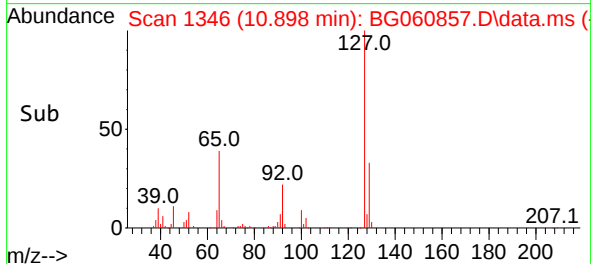
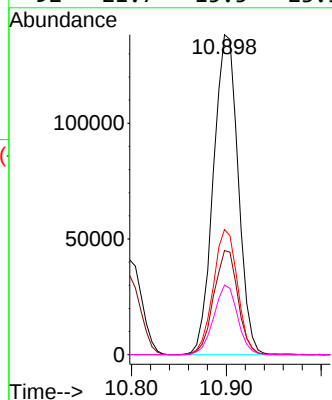
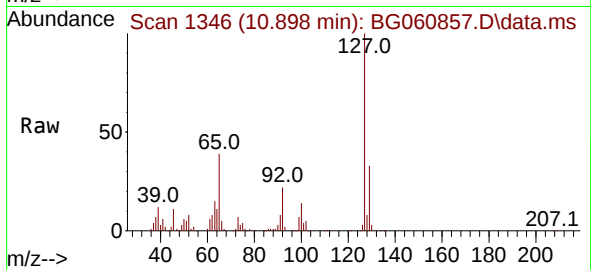
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.3	37.9
65	39.1	30.2	45.2
92	21.7	15.5	23.3

Manual Integrations

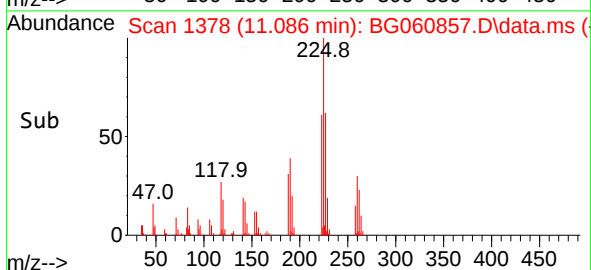
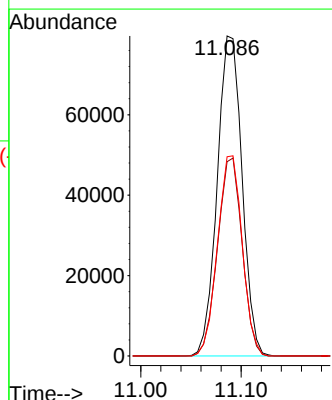
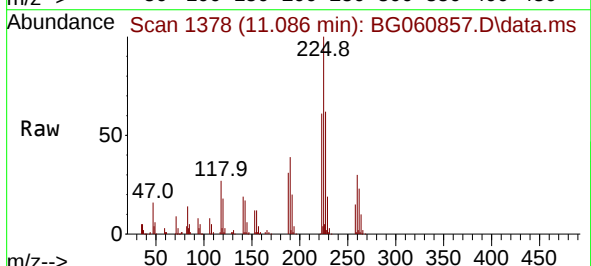
APPROVED

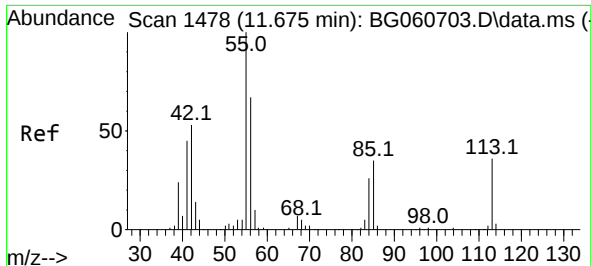
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#34
Hexachlorobutadiene
Concen: 46.542 ng
RT: 11.086 min Scan# 1378
Delta R.T. -0.019 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	52.0	78.0
227	62.3	52.5	78.7





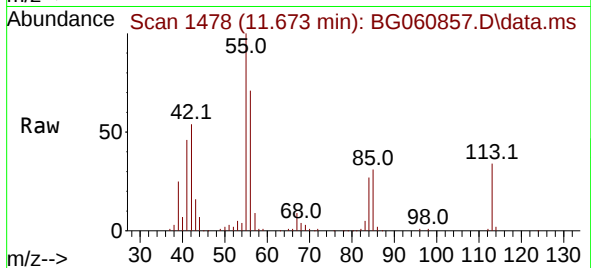
#35
Caprolactam
Concen: 40.125 ng
RT: 11.673 min Scan# 1478
Delta R.T. -0.001 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



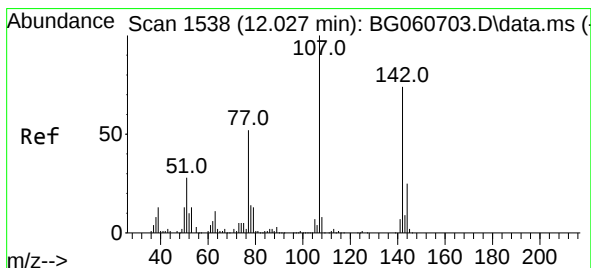
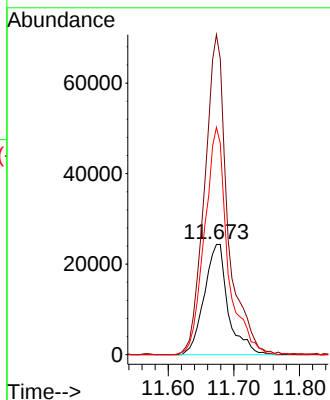
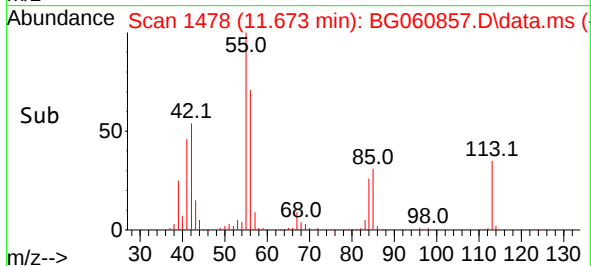
Tgt Ion:113 Resp: 61832
Ion Ratio Lower Upper
113 100
55 290.2 258.0 298.0
56 206.2 166.3 206.3

Manual Integrations

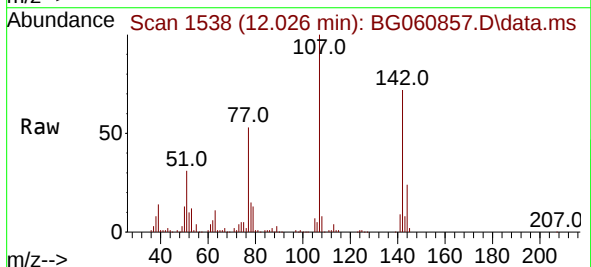
APPROVED

Reviewed By :Yogesh Patel 04/12/2024

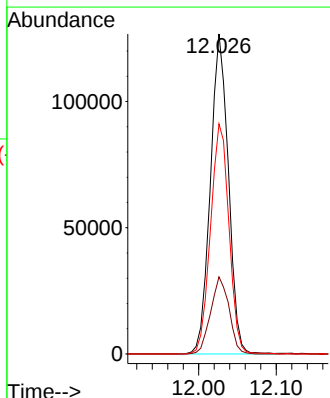
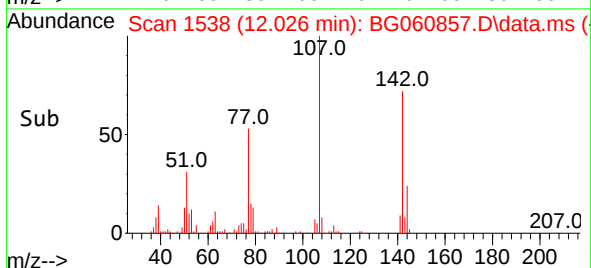
Supervised By :mohammad ahmed 04/17/2024

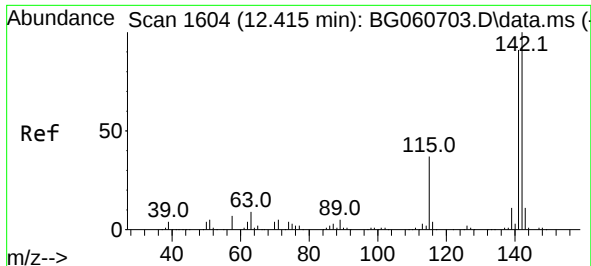


#36
4-Chloro-3-methylphenol
Concen: 41.147 ng
RT: 12.026 min Scan# 1538
Delta R.T. -0.001 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29



Tgt Ion:107 Resp: 204511
Ion Ratio Lower Upper
107 100
144 24.1 20.0 30.0
142 71.9 59.2 88.8





#37
2-Methylnaphthalene
Concen: 39.035 ng
RT: 12.408 min Scan# 1603
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

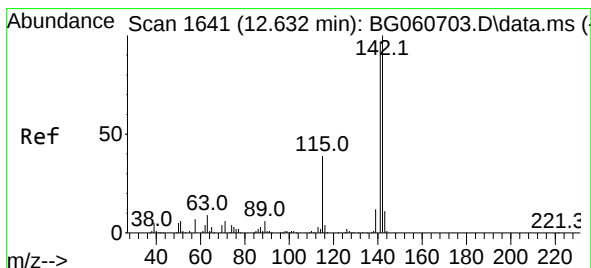
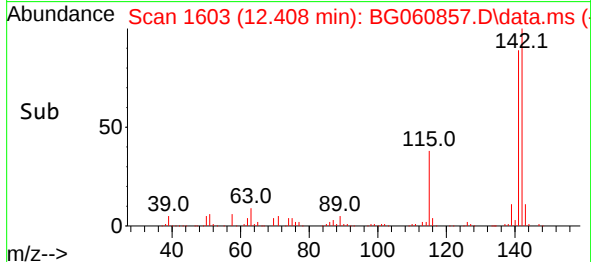
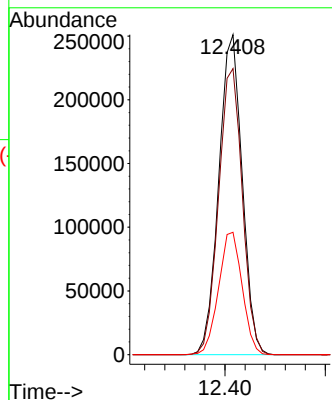
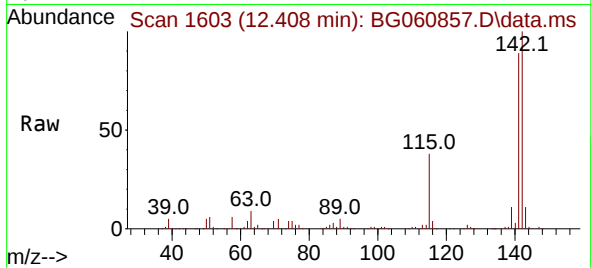
SSTDCCC040

Tgt Ion:142 Resp: 405649
Ion Ratio Lower Upper
142 100
141 89.4 72.7 109.1
115 38.3 29.9 44.9

Manual Integrations

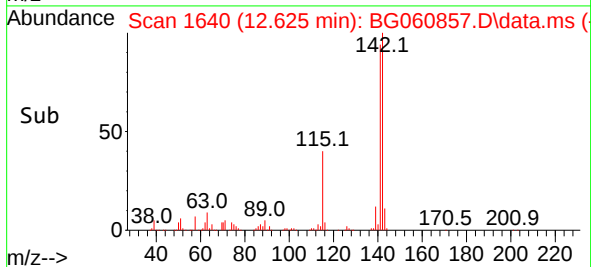
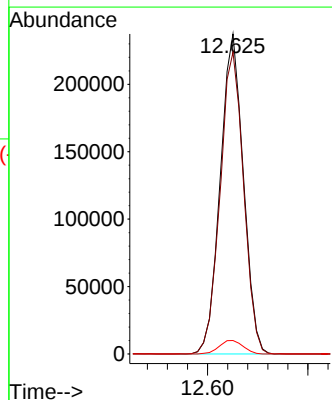
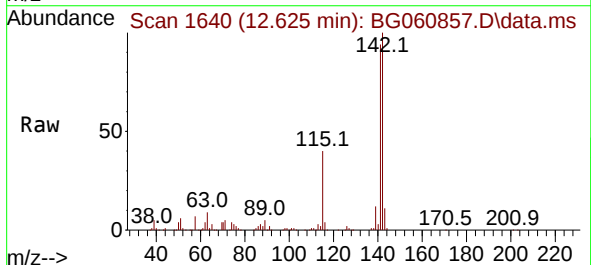
APPROVED

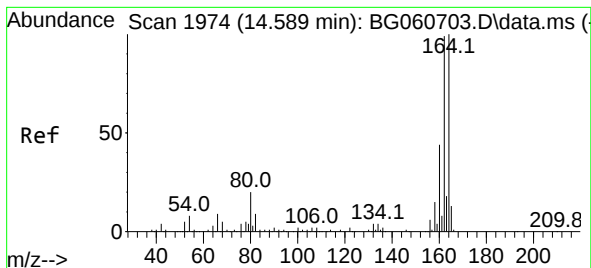
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#38
1-Methylnaphthalene
Concen: 38.581 ng
RT: 12.625 min Scan# 1640
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Tgt Ion:142 Resp: 378761
Ion Ratio Lower Upper
142 100
141 94.3 77.7 116.5
116 4.2 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.582 min Scan# 1974

Delta R.T. -0.007 min

Lab File: BG060857.D

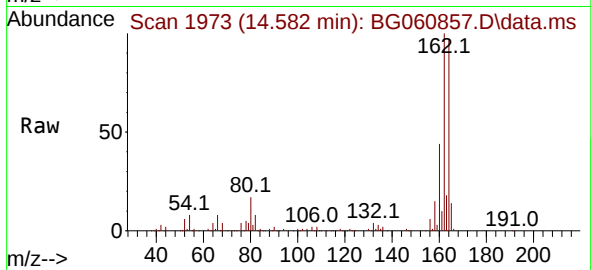
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



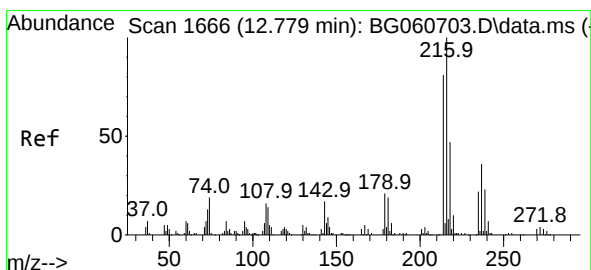
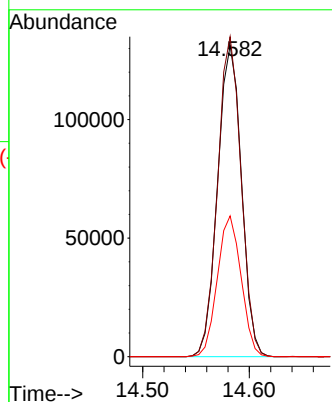
Tgt Ion:164	Resp: 20358
Ion Ratio	Lower Upper
164	100
162	102.8 79.5 119.3
160	45.3 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.850 ng

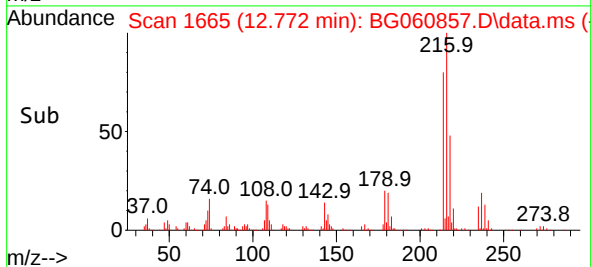
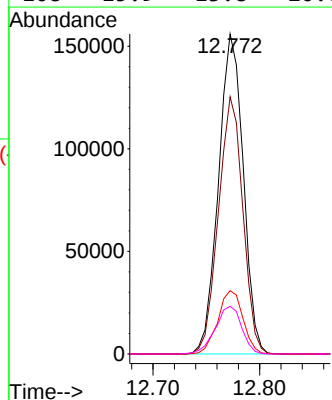
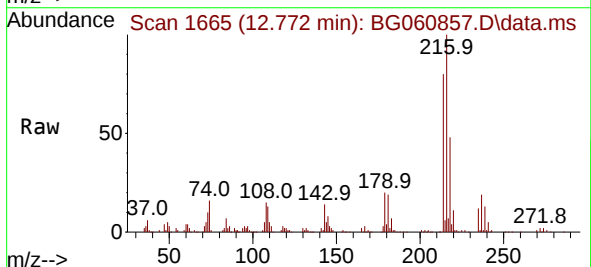
RT: 12.772 min Scan# 1665

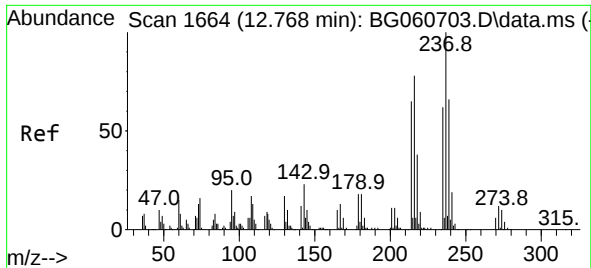
Delta R.T. -0.007 min

Lab File: BG060857.D

Acq: 11 Apr 2024 12:29

Tgt Ion:216	Resp: 250798
Ion Ratio	Lower Upper
216	100
214	79.4 63.1 94.7
179	20.1 16.7 25.1
108	15.9 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 46.565 ng
RT: 12.755 min Scan# 1662
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

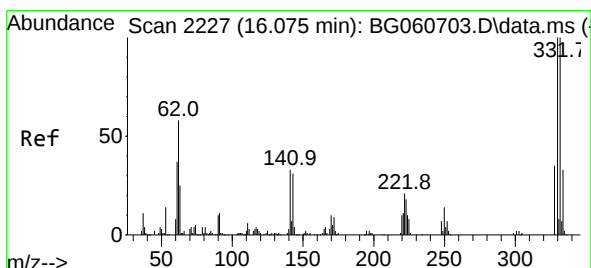
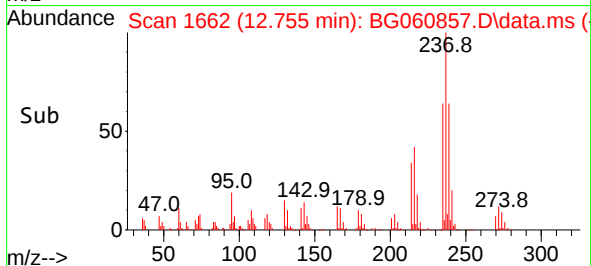
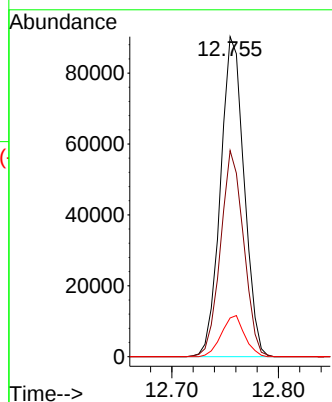
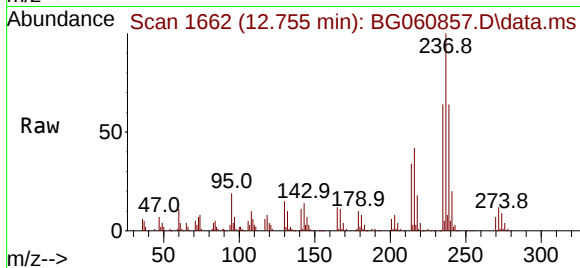
SSTDCCC040

Tgt Ion:237 Resp: 138580
Ion Ratio Lower Upper
237 100
235 64.4 42.0 82.0
272 12.1 0.0 32.4

Manual Integrations

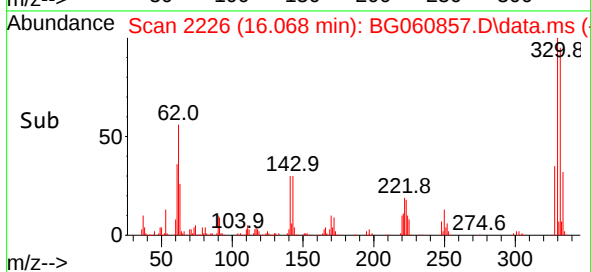
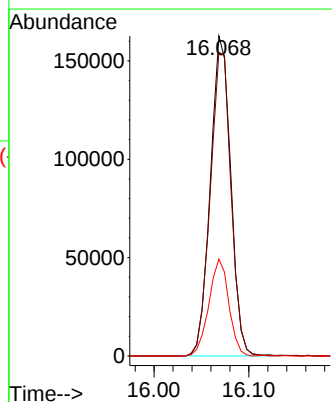
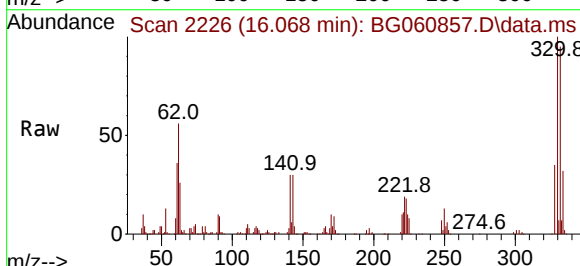
APPROVED

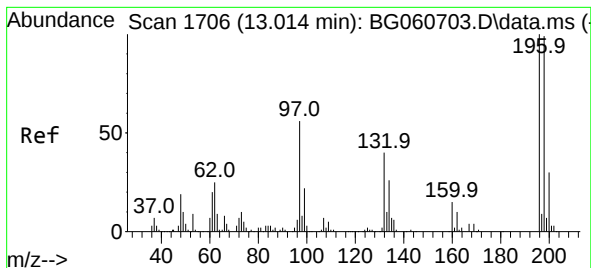
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#42
2,4,6-Tribromophenol
Concen: 104.927 ng
RT: 16.068 min Scan# 2226
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Tgt Ion:330 Resp: 242493
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.4
141 29.7 27.0 40.6





#43

2,4,6-Trichlorophenol

Concen: 44.475 ng

RT: 13.013 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG060857.D

Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 16761

Ion Ratio Lower Upper

196 100

198 98.0 79.1 118.7

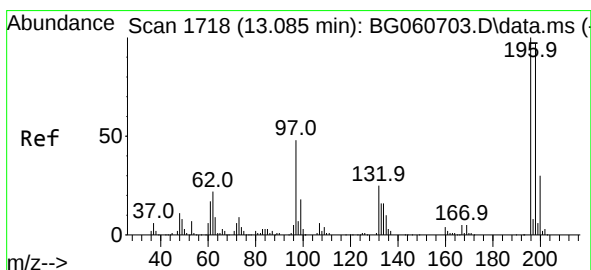
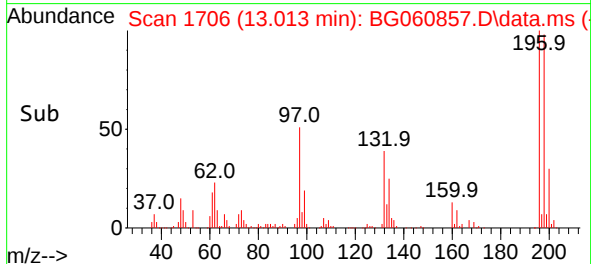
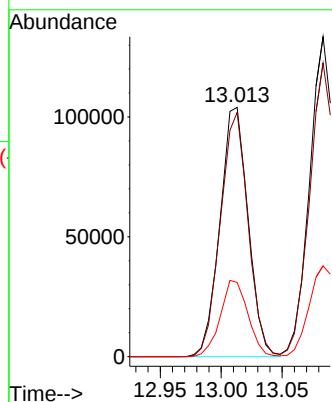
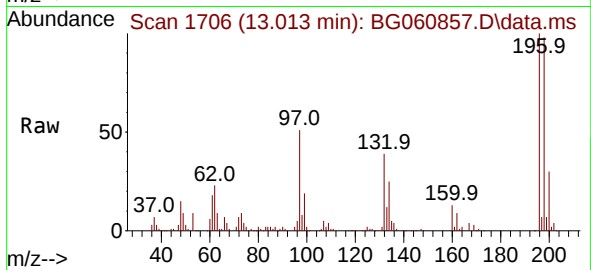
200 29.8 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024



#44

2,4,5-Trichlorophenol

Concen: 44.610 ng

RT: 13.084 min Scan# 1718

Delta R.T. -0.001 min

Lab File: BG060857.D

Acq: 11 Apr 2024 12:29

Tgt Ion:196 Resp: 200638

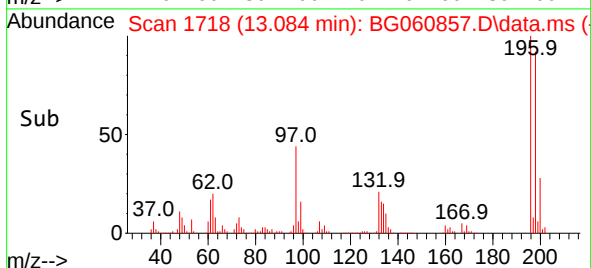
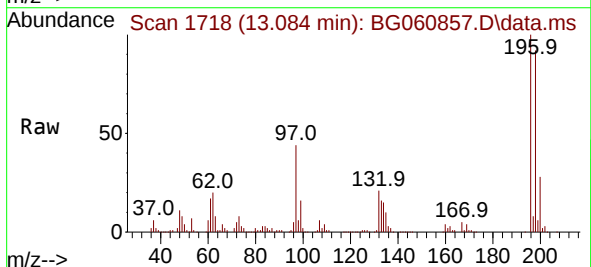
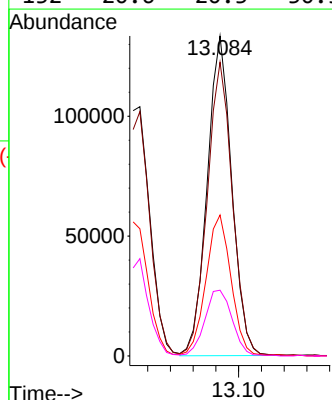
Ion Ratio Lower Upper

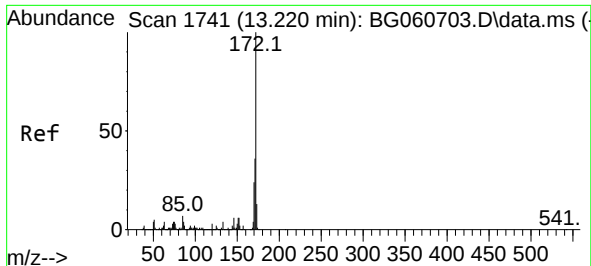
196 100

198 91.8 77.8 116.8

97 44.1 38.2 57.4

132 20.6 20.3 30.5





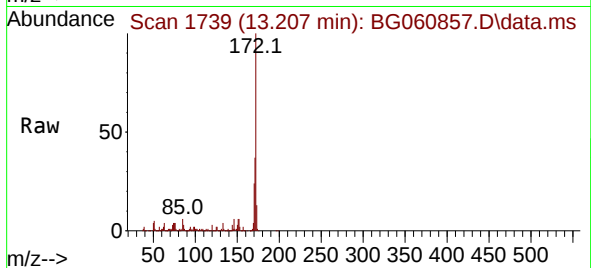
#45
2-Fluorobiphenyl
Concen: 78.152 ng
RT: 13.207 min Scan# 1739
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



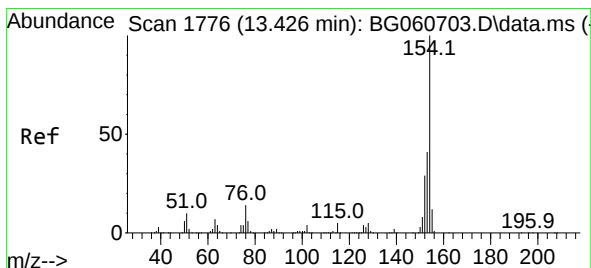
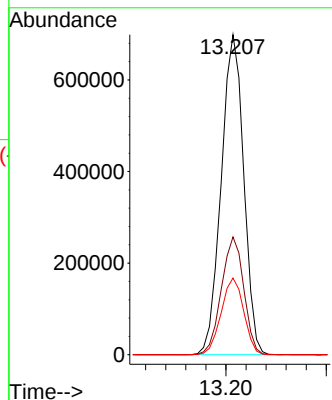
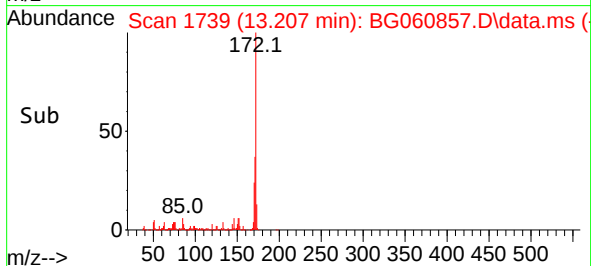
Tgt Ion:172 Resp: 108411
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 23.9 19.4 29.0

Manual Integrations

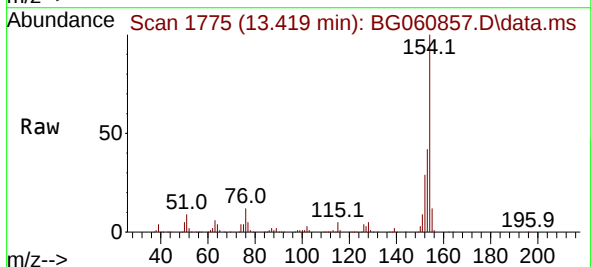
APPROVED

Reviewed By :Yogesh Patel 04/12/2024

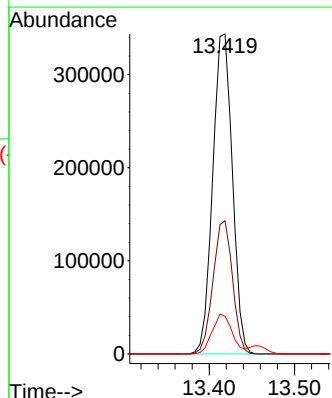
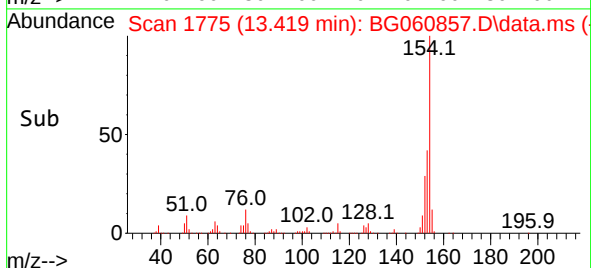
Supervised By :mohammad ahmed 04/17/2024

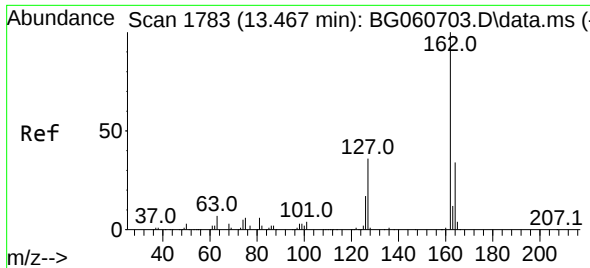


#46
1,1'-Biphenyl
Concen: 38.214 ng
RT: 13.419 min Scan# 1775
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29



Tgt Ion:154 Resp: 549523
Ion Ratio Lower Upper
154 100
153 41.6 20.8 60.8
76 11.8 0.0 33.9





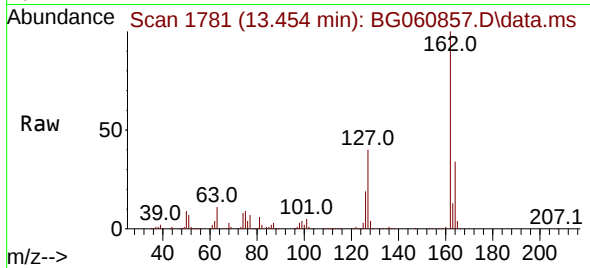
#47
2-Chloronaphthalene
Concen: 38.182 ng
RT: 13.454 min Scan# 1783
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



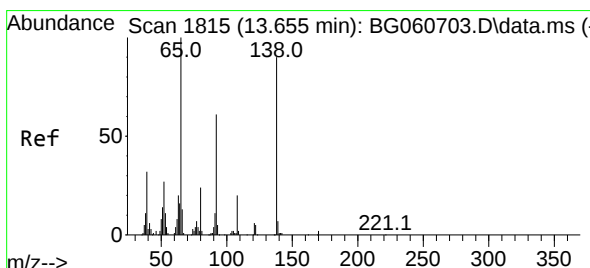
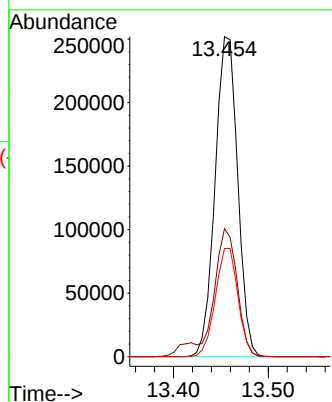
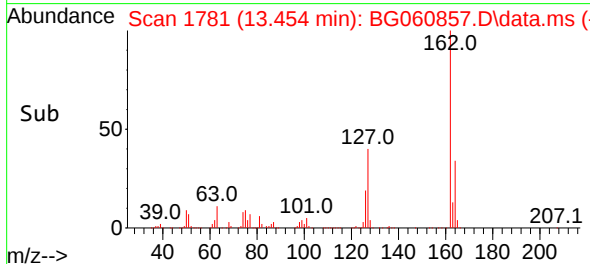
Tgt Ion:162 Resp: 417160
Ion Ratio Lower Upper
162 100
127 40.0 30.6 46.0
164 33.8 26.9 40.3

Manual Integrations

APPROVED

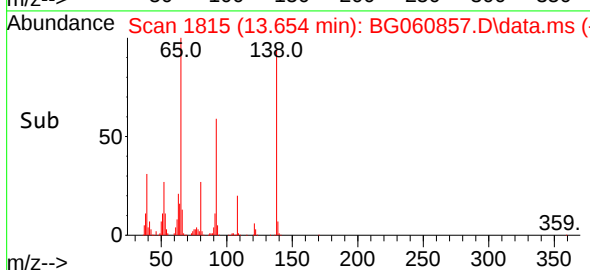
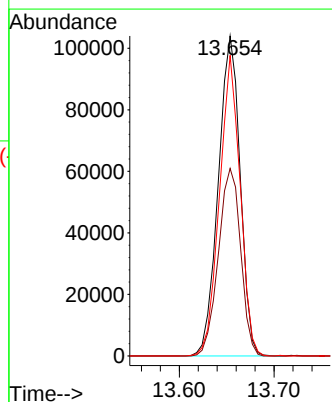
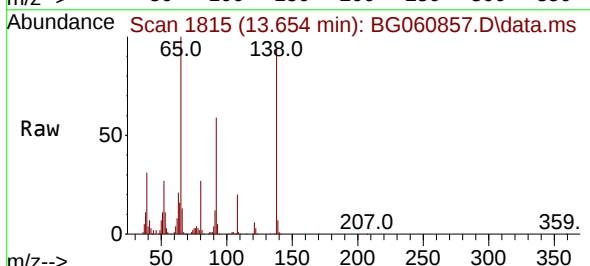
Reviewed By :Yogesh Patel 04/12/2024

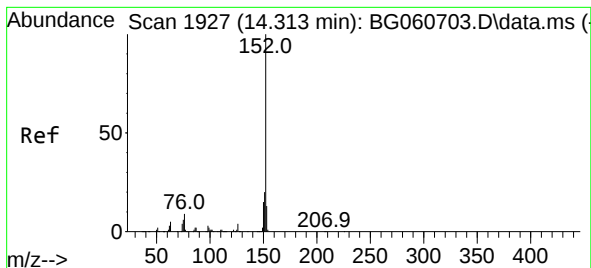
Supervised By :mohammad ahmed 04/17/2024



#48
2-Nitroaniline
Concen: 47.170 ng
RT: 13.654 min Scan# 1815
Delta R.T. -0.001 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Tgt Ion: 65 Resp: 166565
Ion Ratio Lower Upper
65 100
92 58.6 48.6 72.8
138 94.0 72.2 108.4





#49

Acenaphthylene

Concen: 38.263 ng

RT: 14.306 min Scan# 1926

Delta R.T. -0.007 min

Lab File: BG060857.D

Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

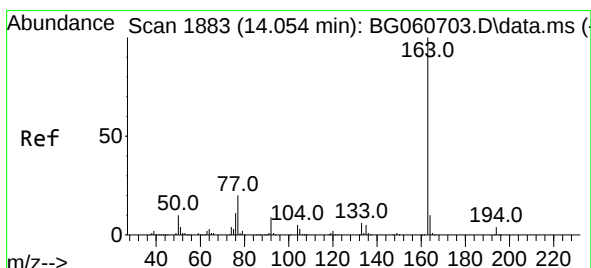
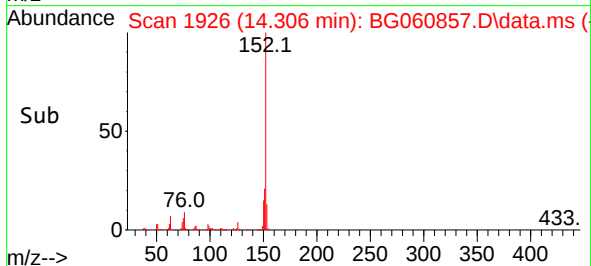
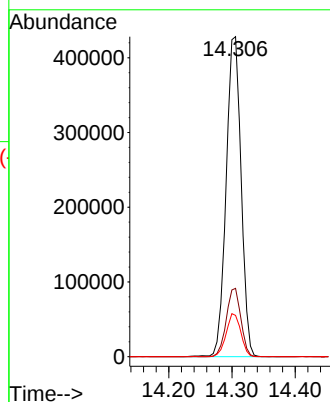
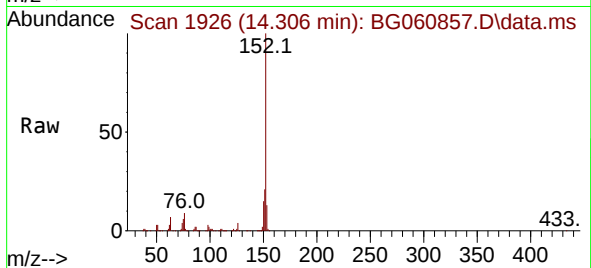
Tgt Ion:	152	Resp:	702420
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.4	24.6
153	12.9	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024



#50

Dimethylphthalate

Concen: 38.417 ng

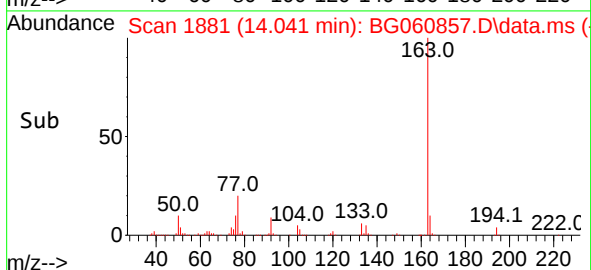
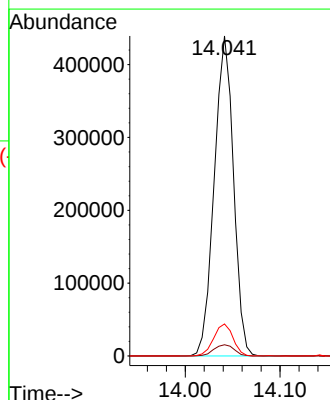
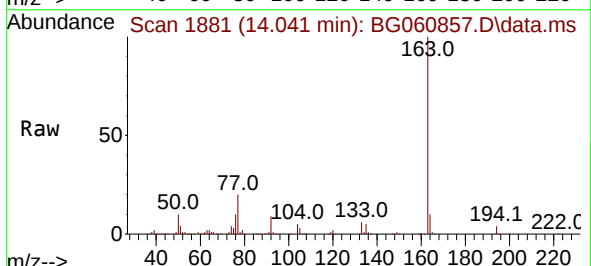
RT: 14.041 min Scan# 1881

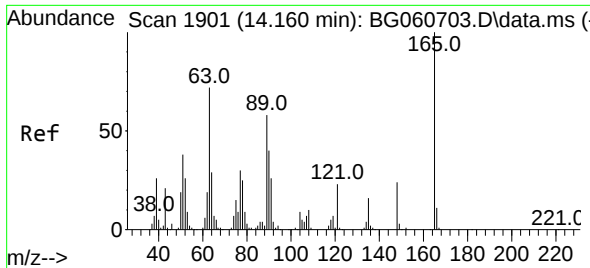
Delta R.T. -0.013 min

Lab File: BG060857.D

Acq: 11 Apr 2024 12:29

Tgt Ion:	163	Resp:	618201
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.0	4.6
164	10.0	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 44.194 ng
RT: 14.153 min Scan# 1901
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

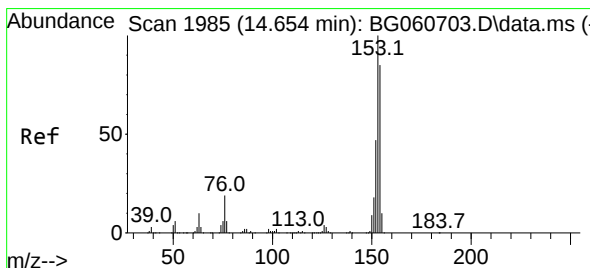
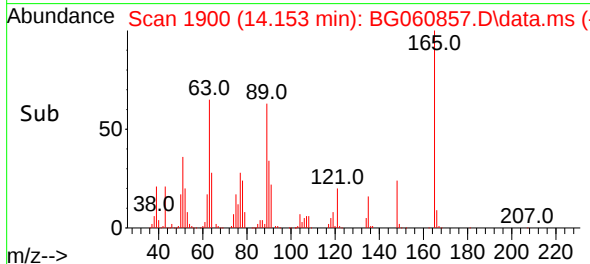
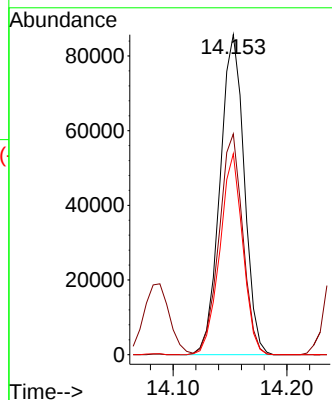
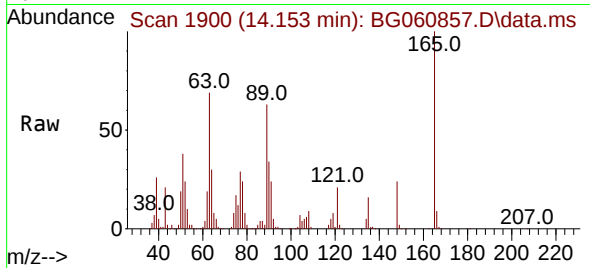
SSTDCCC040

Tgt Ion:165 Resp: 126470
Ion Ratio Lower Upper
165 100
63 69.0 58.2 87.4
89 62.8 46.1 69.1

Manual Integrations

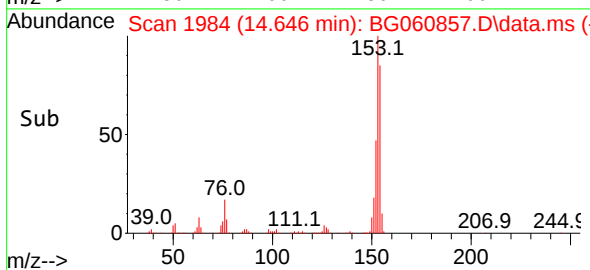
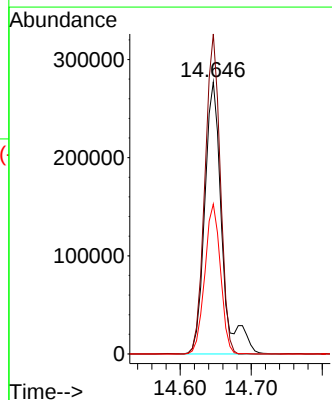
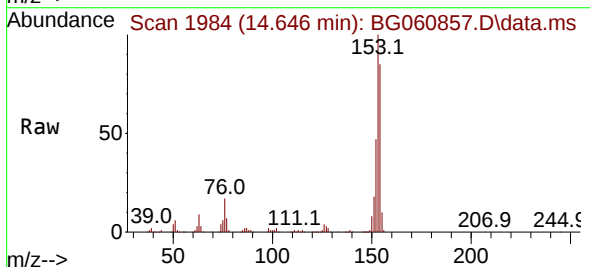
APPROVED

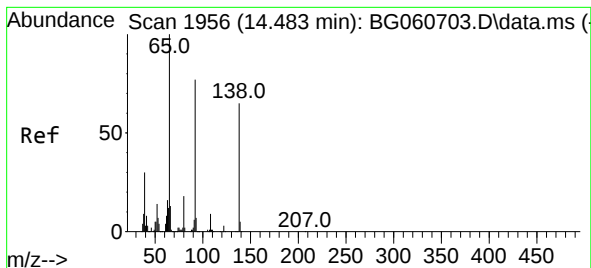
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#52
Acenaphthene
Concen: 40.320 ng m
RT: 14.646 min Scan# 1984
Delta R.T. -0.008 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Tgt Ion:154 Resp: 464731
Ion Ratio Lower Upper
154 100
153 117.7 93.9 140.9
152 55.1 44.1 66.1





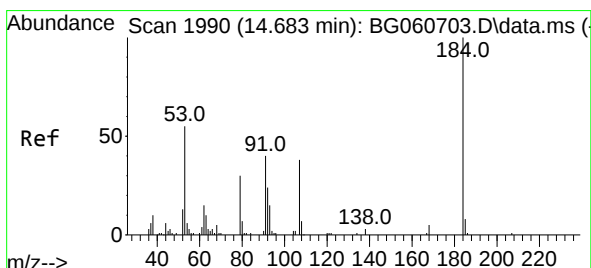
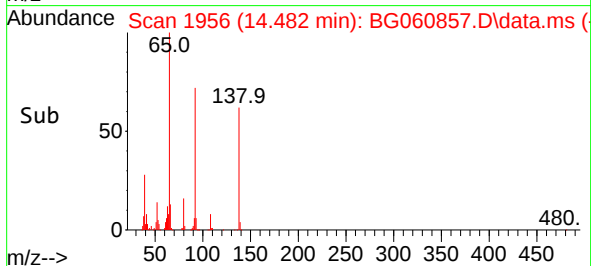
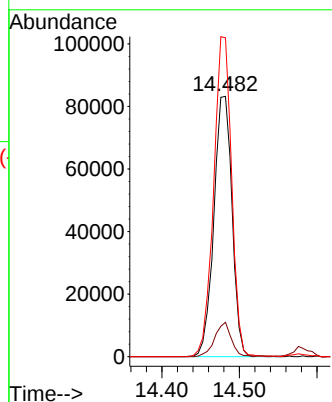
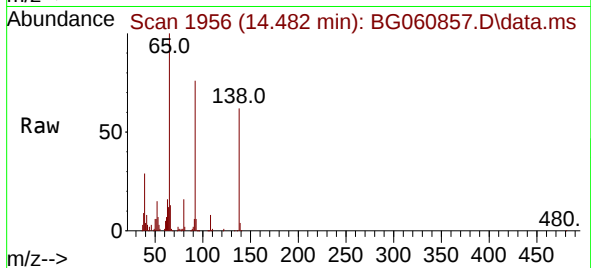
#53
3-Nitroaniline
Concen: 43.283 ng
RT: 14.482 min Scan# 1956
Delta R.T. -0.001 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 135862
Ion Ratio Lower Upper
138 100
108 13.2 11.3 16.9
92 122.5 94.1 141.1

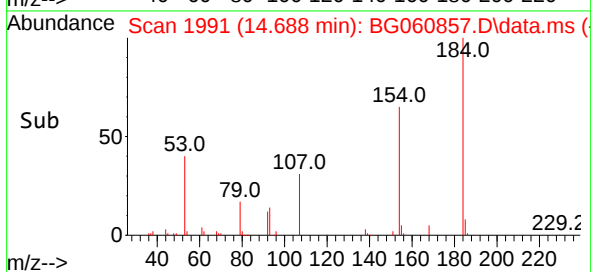
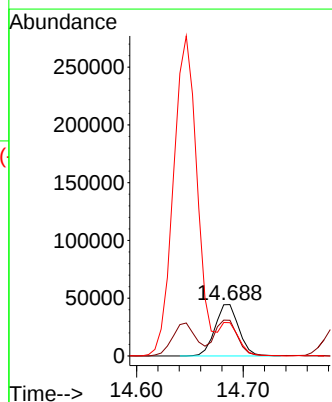
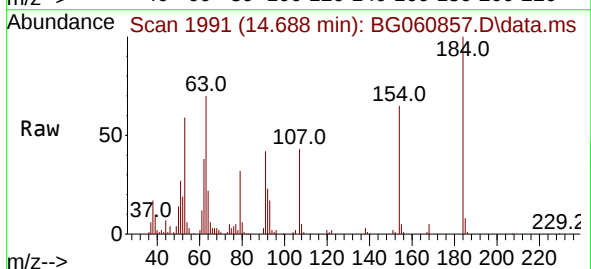
Manual Integrations
APPROVED

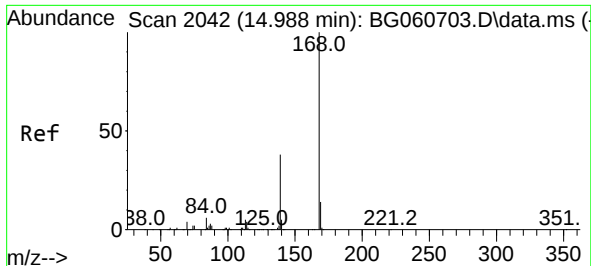
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#54
2,4-Dinitrophenol
Concen: 61.477 ng
RT: 14.688 min Scan# 1991
Delta R.T. 0.005 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Tgt Ion:184 Resp: 68859
Ion Ratio Lower Upper
184 100
63 69.6 51.3 76.9
154 65.0 59.9 89.9





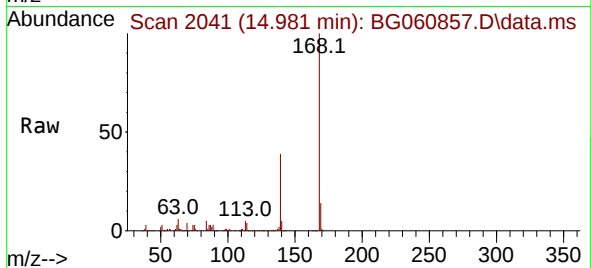
#55
Dibenzenofuran
Concen: 38.625 ng
RT: 14.981 min Scan# 2042
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



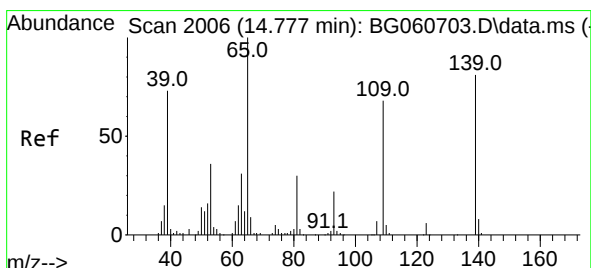
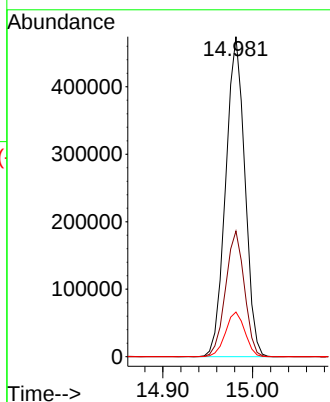
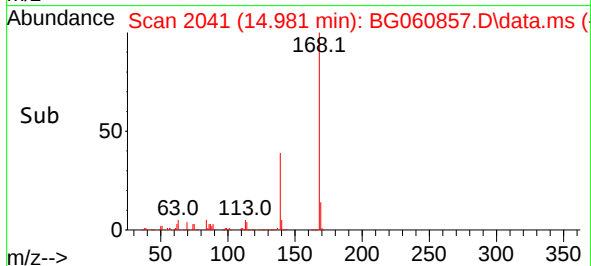
Tgt Ion:168 Resp: 70223
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 13.9 11.0 16.4

Manual Integrations

APPROVED

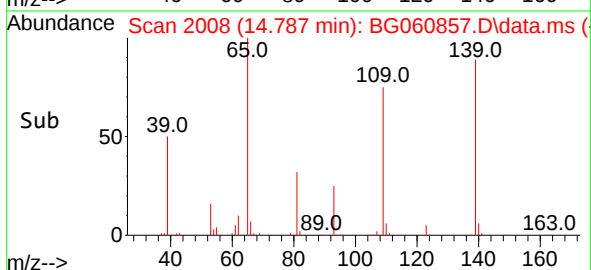
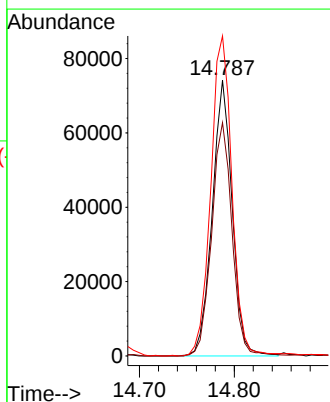
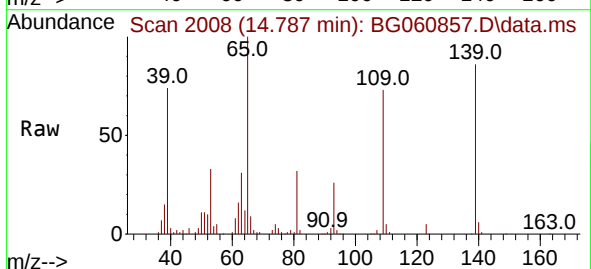
Reviewed By :Yogesh Patel 04/12/2024

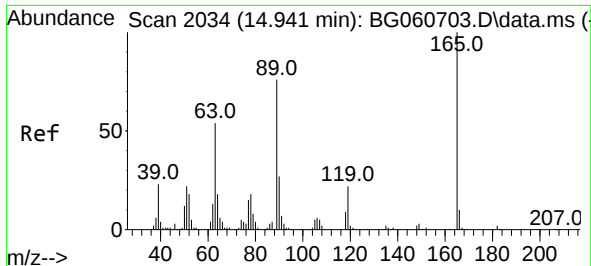
Supervised By :mohammad ahmed 04/17/2024



#56
4-Nitrophenol
Concen: 46.142 ng
RT: 14.787 min Scan# 2008
Delta R.T. 0.010 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Tgt Ion:139 Resp: 108546
Ion Ratio Lower Upper
139 100
109 84.6 64.0 104.0
65 116.1 104.3 144.3





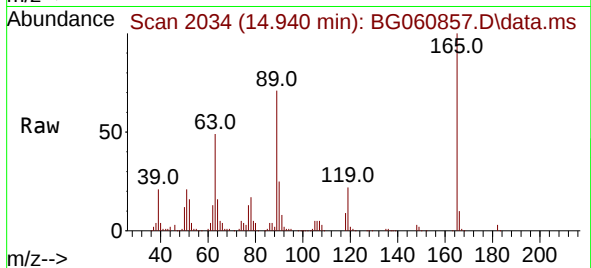
#57
2,4-Dinitrotoluene
Concen: 48.179 ng
RT: 14.940 min Scan# 2034
Delta R.T. -0.001 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

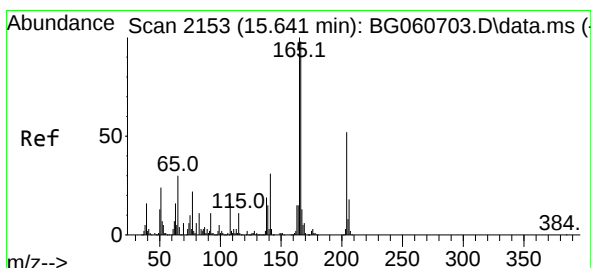
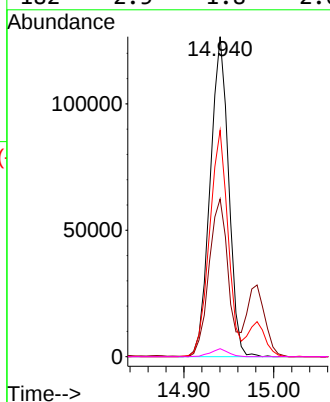
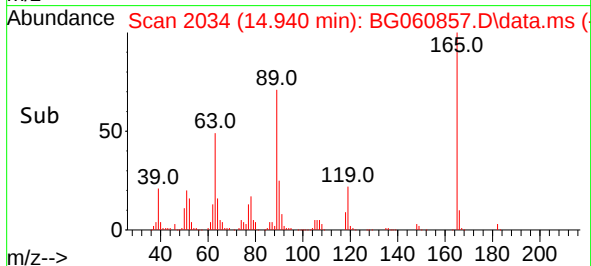


Tgt Ion:165 Resp: 18057
Ion Ratio Lower Upper
165 100
63 49.3 43.4 65.0
89 70.7 61.0 91.6
182 2.5 1.8 2.6

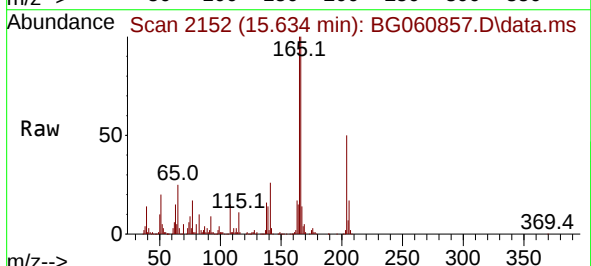
Manual Integrations

APPROVED

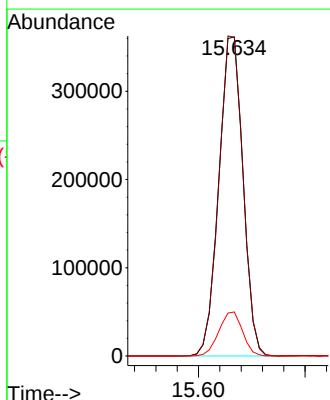
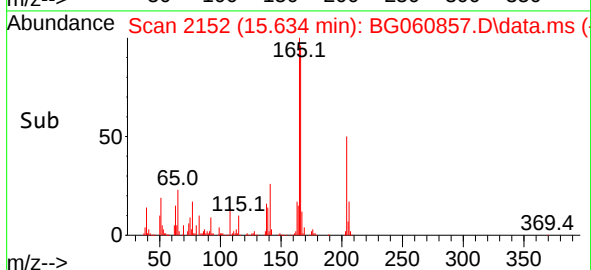
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024

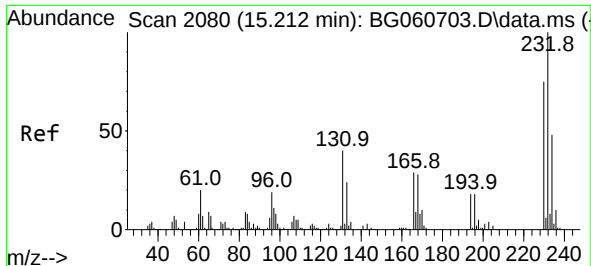


#58
Fluorene
Concen: 38.890 ng
RT: 15.634 min Scan# 2152
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29



Tgt Ion:166 Resp: 567463
Ion Ratio Lower Upper
166 100
165 99.9 81.8 122.8
167 13.8 10.9 16.3





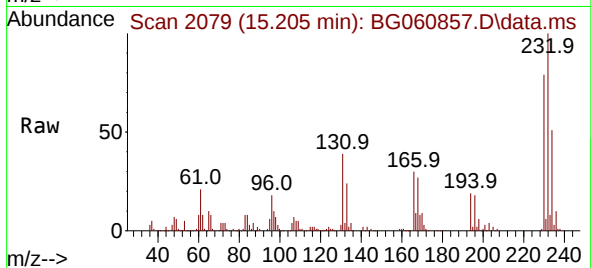
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.312 ng
RT: 15.205 min Scan# 2080
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

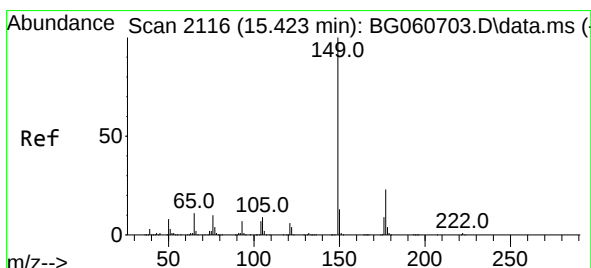
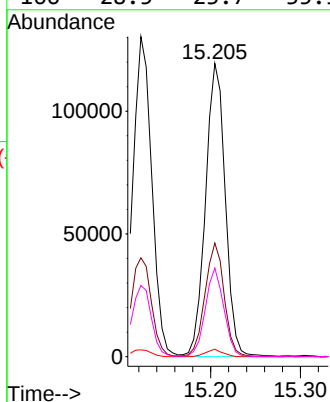
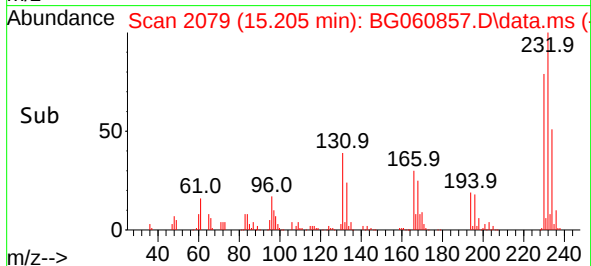


Tgt Ion:232 Resp: 18152
Ion Ratio Lower Upper
232 100
131 37.9 32.2 48.2
130 2.2 2.1 3.1
166 28.5 23.7 35.5

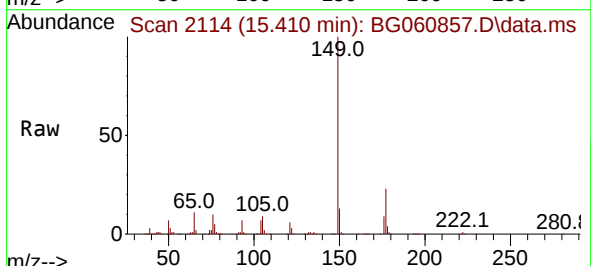
Manual Integrations

APPROVED

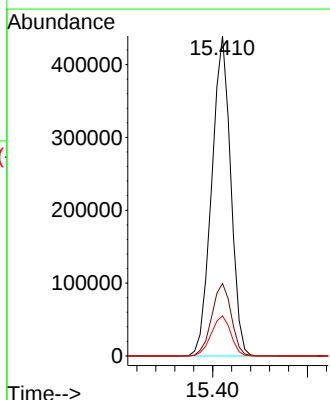
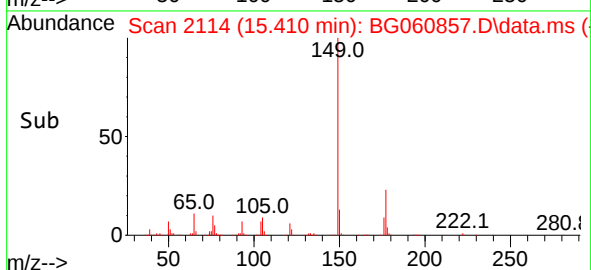
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024

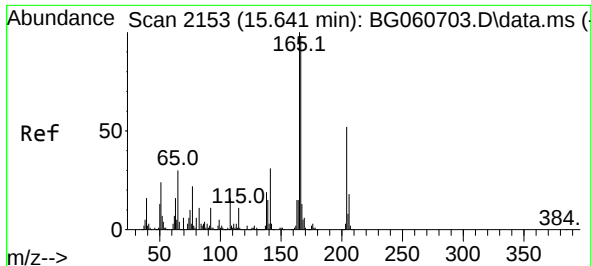


#60
Diethylphthalate
Concen: 37.633 ng
RT: 15.410 min Scan# 2114
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29



Tgt Ion:149 Resp: 609259
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 12.5 10.2 15.4





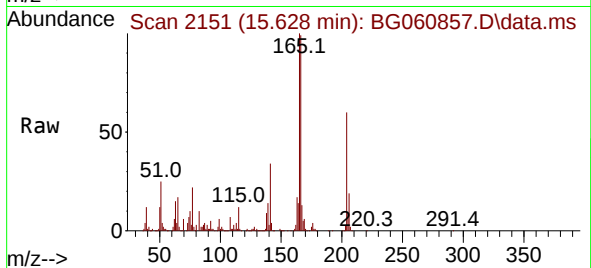
#61
4-Chlorophenyl-phenylether
Concen: 40.461 ng
RT: 15.628 min Scan# 2151
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

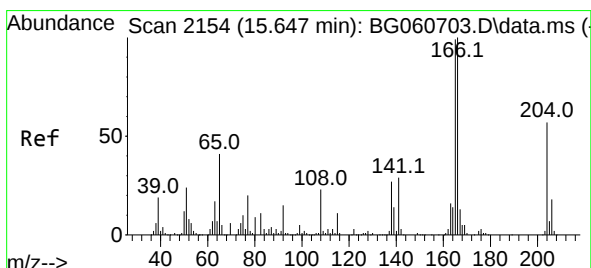
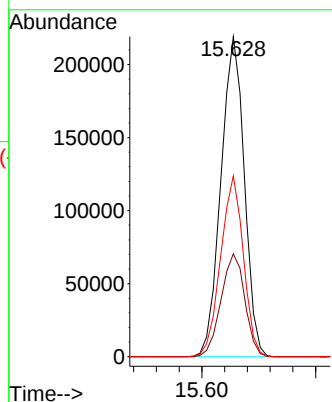
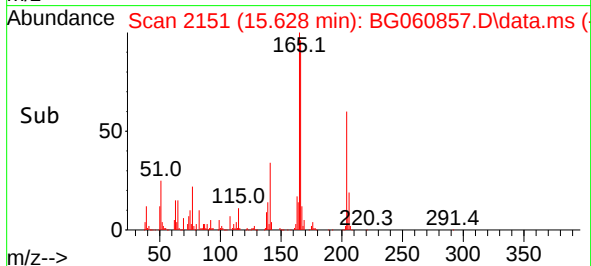


Tgt Ion:204 Resp: 312330
Ion Ratio Lower Upper
204 100
206 32.2 28.3 42.5
141 56.5 47.2 70.8

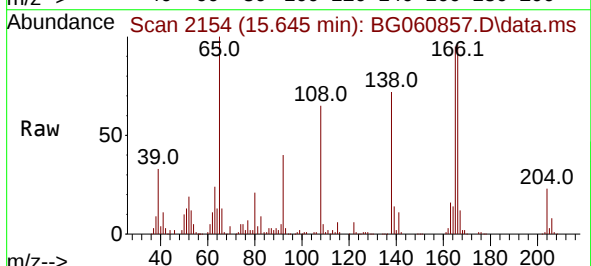
Manual Integrations

APPROVED

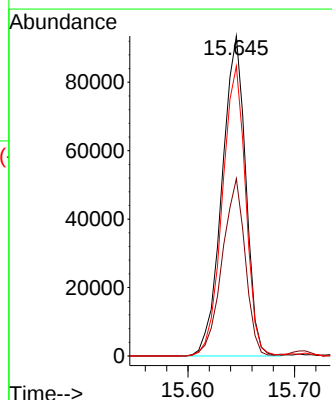
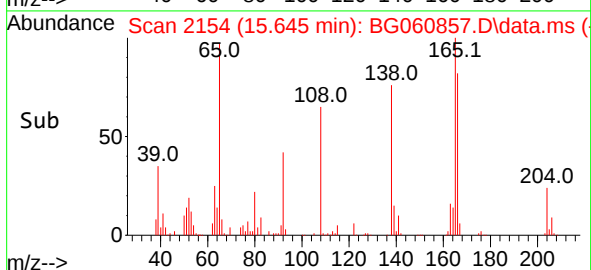
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024

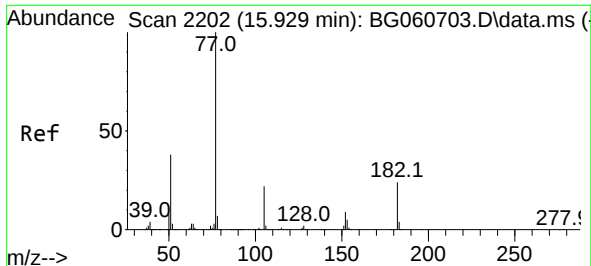


#62
4-Nitroaniline
Concen: 48.978 ng
RT: 15.645 min Scan# 2154
Delta R.T. -0.001 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29



Tgt Ion:138 Resp: 144097
Ion Ratio Lower Upper
138 100
92 55.4 36.8 76.8
108 90.6 66.9 106.9





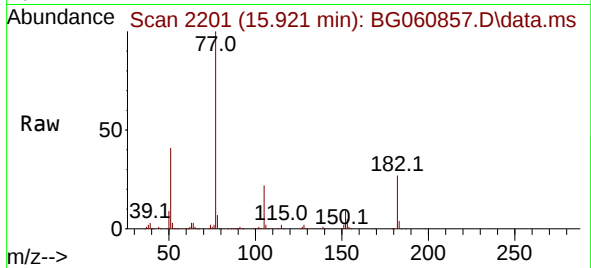
#63
Azobenzene
Concen: 36.603 ng
RT: 15.921 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

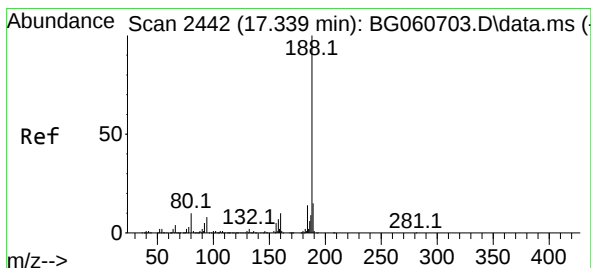
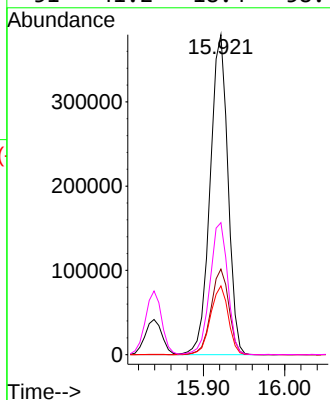
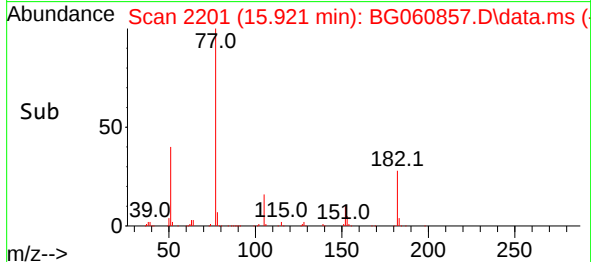


Tgt Ion: 77 Resp: 57745
Ion Ratio Lower Upper
77 100
182 26.7 3.9 43.9
105 21.5 1.7 41.7
51 41.2 18.4 58.4

Manual Integrations

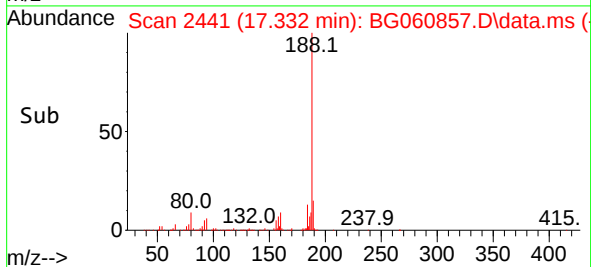
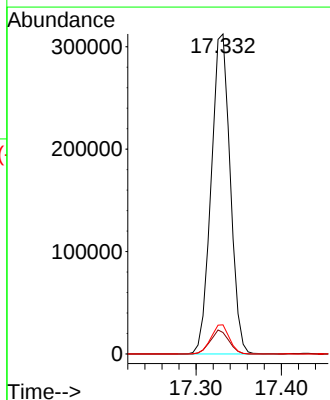
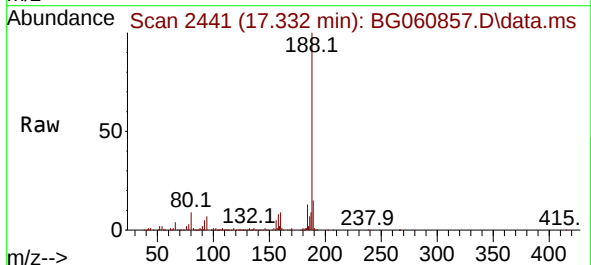
APPROVED

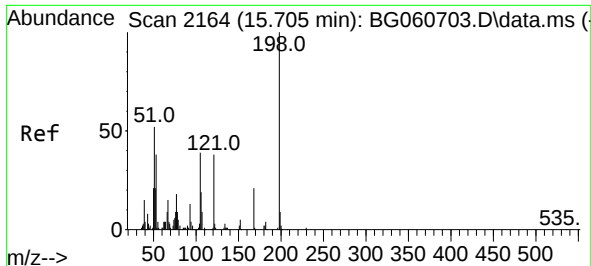
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.332 min Scan# 2441
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Tgt Ion:188 Resp: 483172
Ion Ratio Lower Upper
188 100
94 6.7 6.6 9.8
80 9.1 7.6 11.4





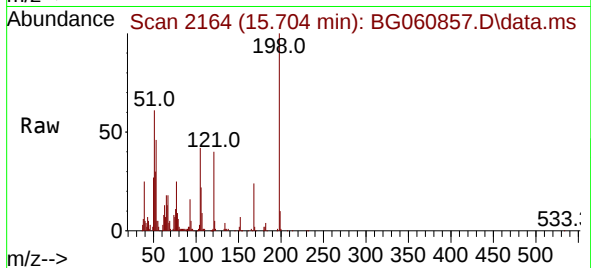
#65
4,6-Dinitro-2-methylphenol
Concen: 51.188 ng
RT: 15.704 min Scan# 2164
Delta R.T. -0.001 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

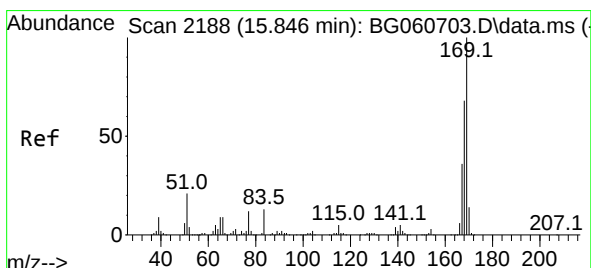
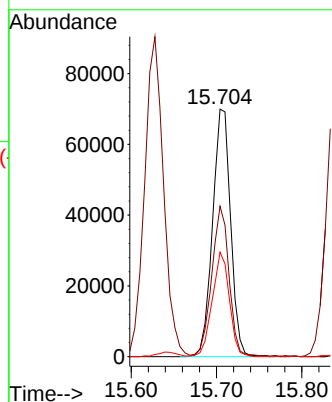
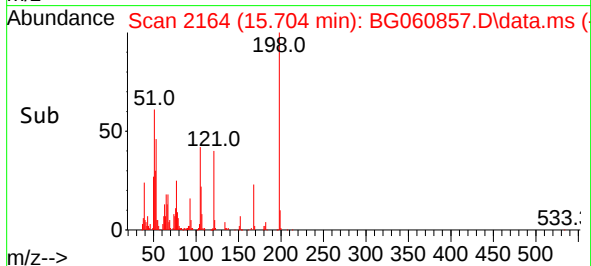


Tgt Ion:198 Resp: 103160
Ion Ratio Lower Upper
198 100
51 60.8 36.7 76.7
105 42.2 19.1 59.1

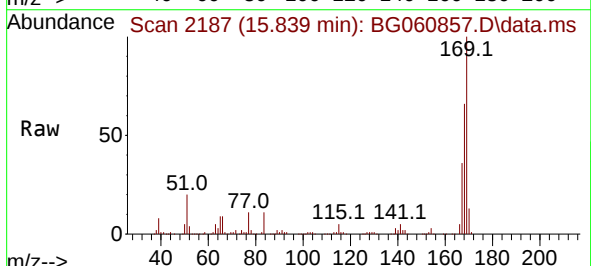
Manual Integrations

APPROVED

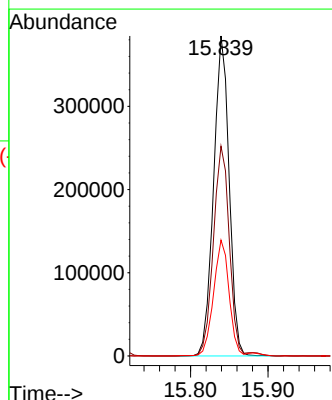
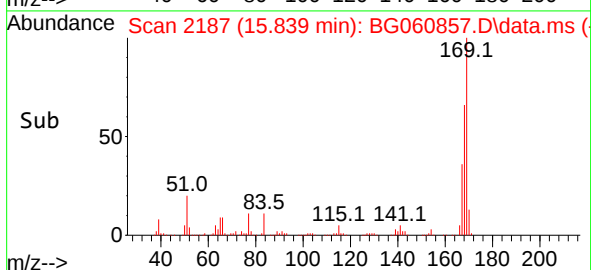
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024

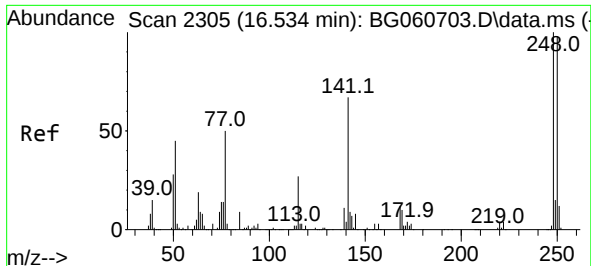


#66
n-Nitrosodiphenylamine
Concen: 38.728 ng
RT: 15.839 min Scan# 2187
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29



Tgt Ion:169 Resp: 534730
Ion Ratio Lower Upper
169 100
168 65.5 54.5 81.7
167 36.2 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 44.149 ng
RT: 16.521 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

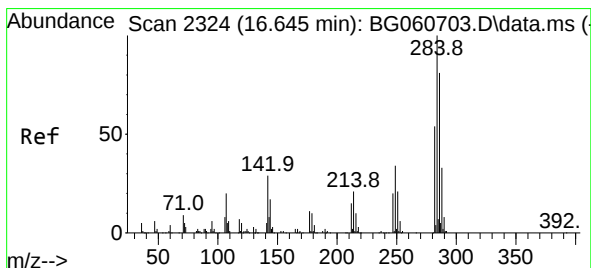
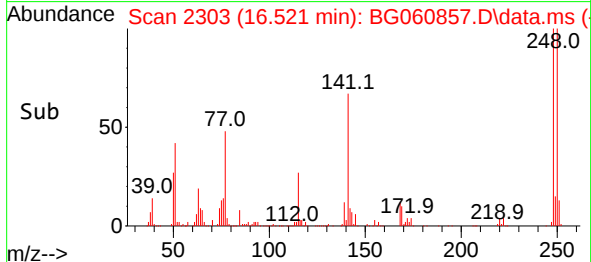
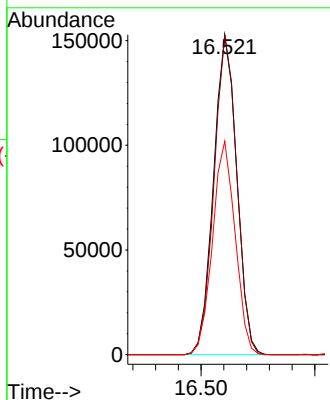
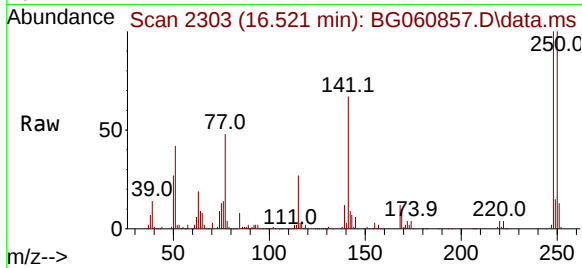
ClientSampleId :

SSTDCCC040

Tgt Ion:248 Resp: 21648
Ion Ratio Lower Upper
248 100
250 99.7 78.3 117.5
141 66.7 53.7 80.5

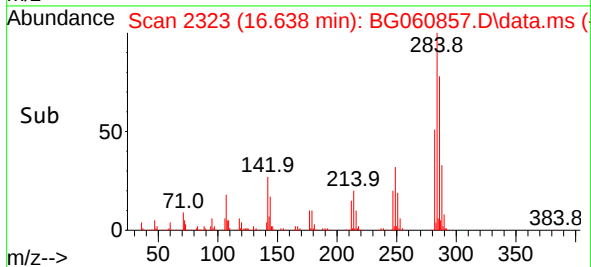
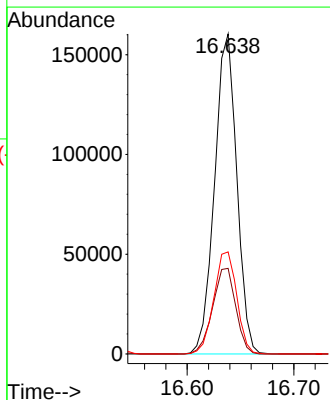
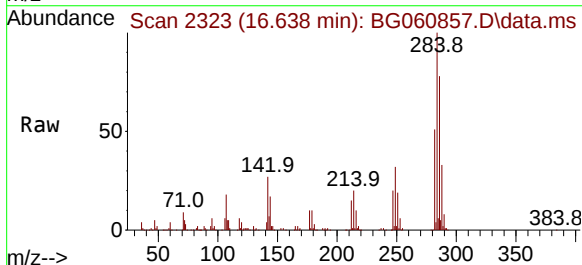
Manual Integrations
APPROVED

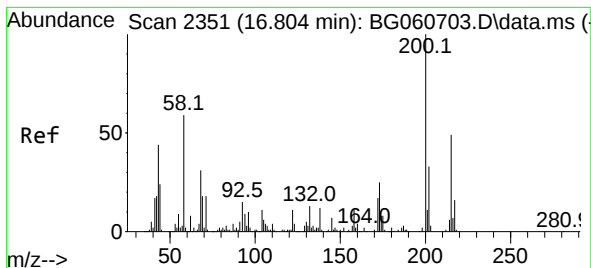
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#68
Hexachlorobenzene
Concen: 41.783 ng
RT: 16.638 min Scan# 2323
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Tgt Ion:284 Resp: 231290
Ion Ratio Lower Upper
284 100
142 26.8 22.9 34.3
249 31.9 27.1 40.7





#69

Atrazine

Concen: 39.796 ng

RT: 16.791 min Scan# 21

Delta R.T. -0.013 min

Lab File: BG060857.D

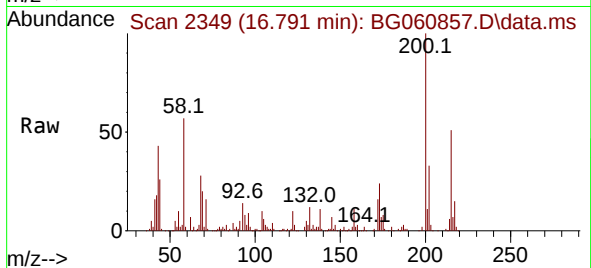
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



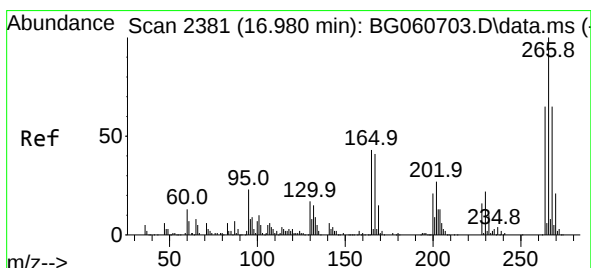
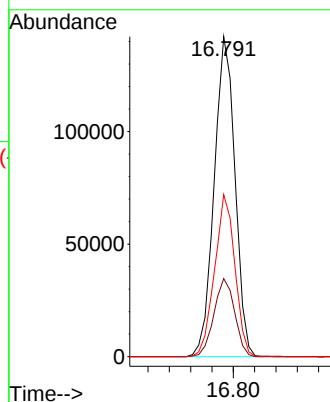
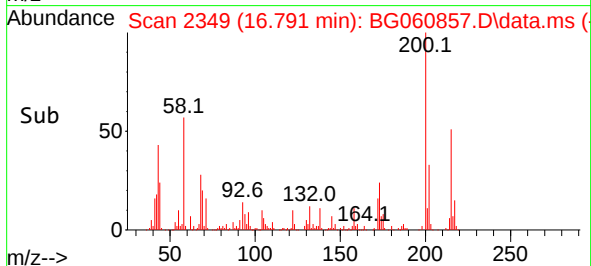
Tgt Ion:	200	Resp:	19214
Ion Ratio	Lower	Upper	
200	100		
173	24.4	5.2	45.2
215	50.6	28.8	68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024



#70

Pentachlorophenol

Concen: 46.518 ng

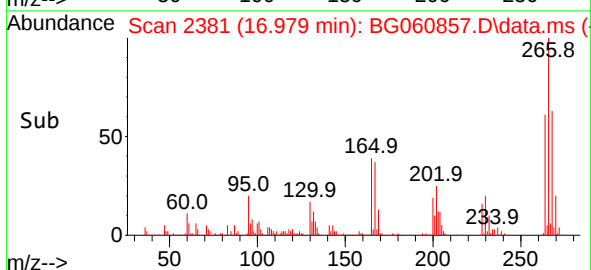
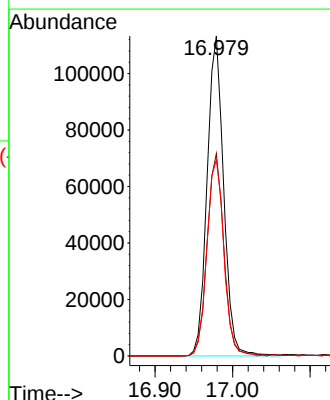
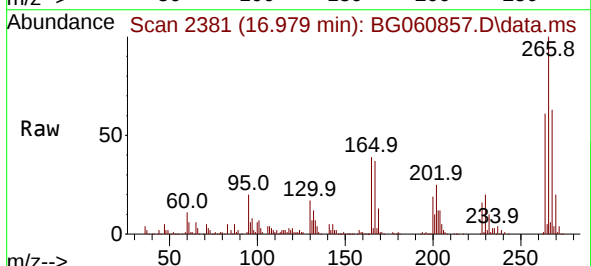
RT: 16.979 min Scan# 2381

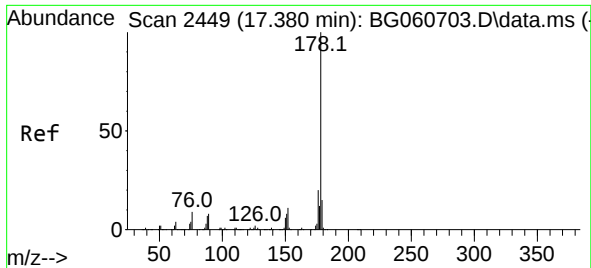
Delta R.T. -0.001 min

Lab File: BG060857.D

Acq: 11 Apr 2024 12:29

Tgt Ion:	266	Resp:	168018
Ion Ratio	Lower	Upper	
266	100		
268	63.3	52.2	78.4
264	61.3	51.8	77.6





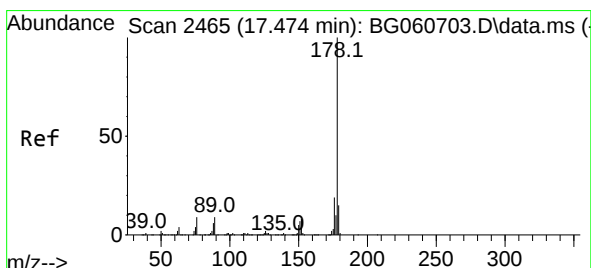
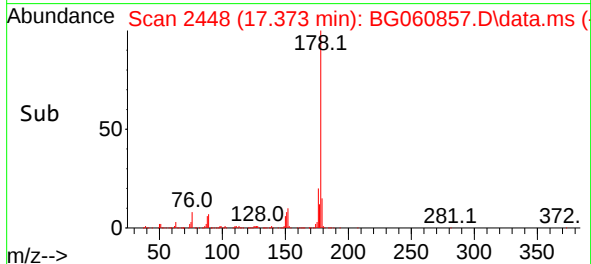
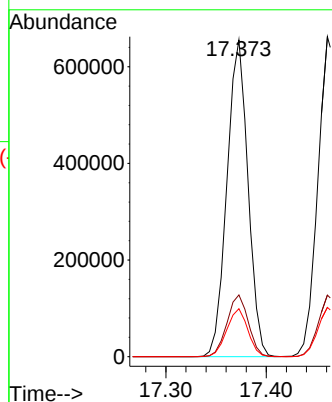
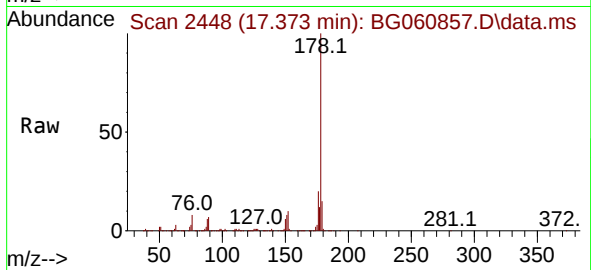
#71
Phenanthrene
Concen: 37.980 ng
RT: 17.373 min Scan# 2448
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 95439
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.2 12.2 18.4

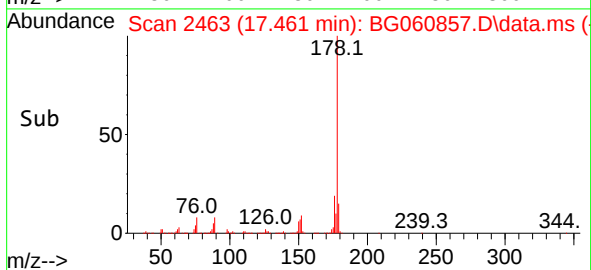
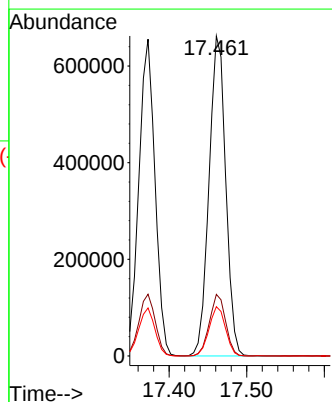
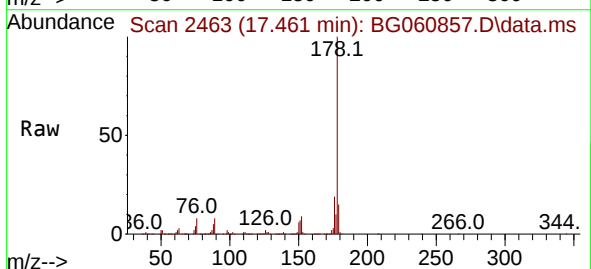
Manual Integrations
APPROVED

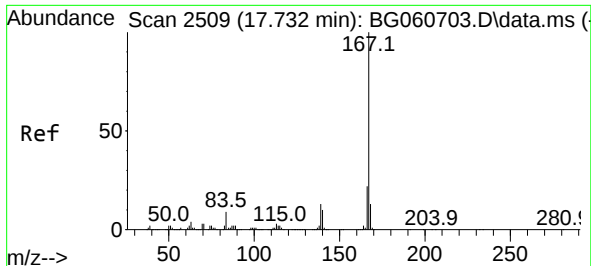
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#72
Anthracene
Concen: 38.720 ng
RT: 17.461 min Scan# 2463
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

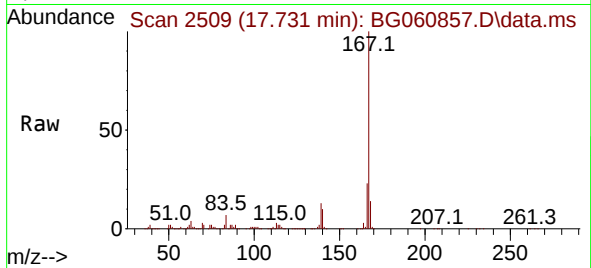
Tgt Ion:178 Resp: 988118
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.4 12.2 18.2





#73
 Carbazole
 Concen: 37.954 ng
 RT: 17.731 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG060857.D
 Acq: 11 Apr 2024 12:29

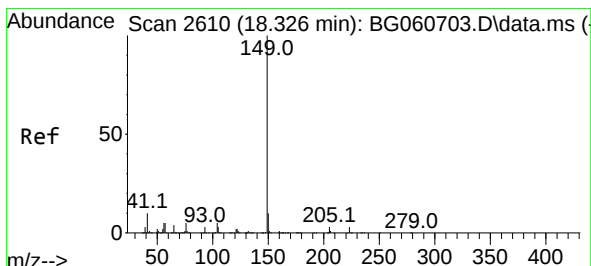
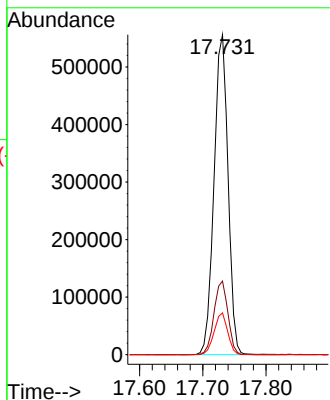
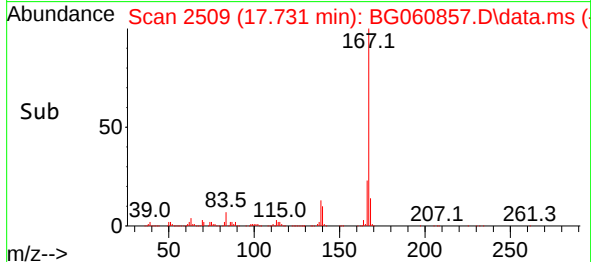
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040



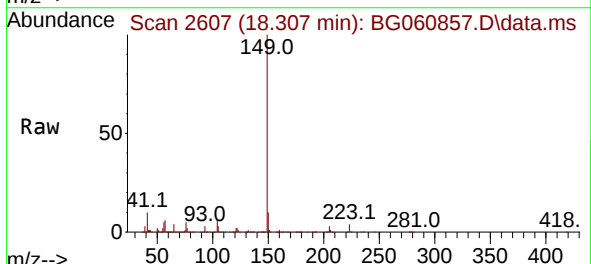
Tgt Ion:167 Resp: 85399
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.0 27.0
 139 13.0 10.5 15.7

Manual Integrations
 APPROVED

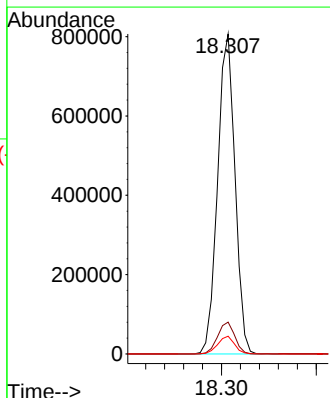
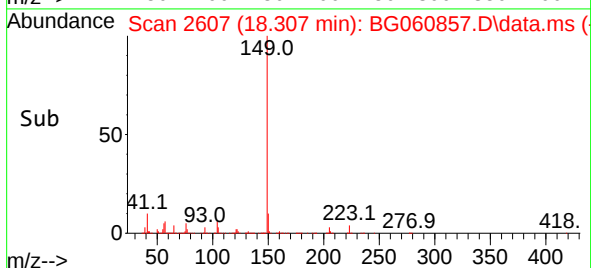
Reviewed By :Yogesh Patel 04/12/2024
 Supervised By :mohammad ahmed 04/17/2024

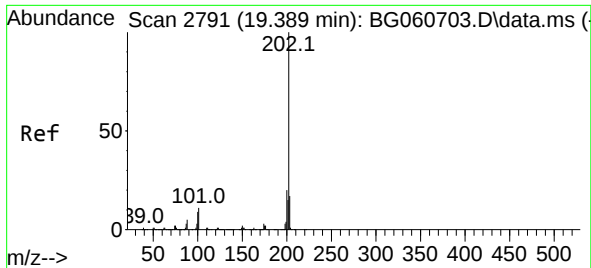


#74
 Di-n-butylphthalate
 Concen: 36.625 ng
 RT: 18.307 min Scan# 2607
 Delta R.T. -0.019 min
 Lab File: BG060857.D
 Acq: 11 Apr 2024 12:29



Tgt Ion:149 Resp: 1027399
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.5 4.2 6.4





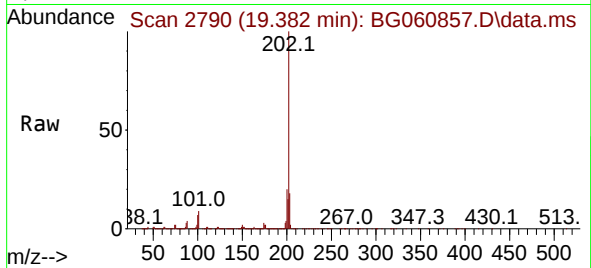
#75
Fluoranthene
Concen: 37.793 ng
RT: 19.382 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



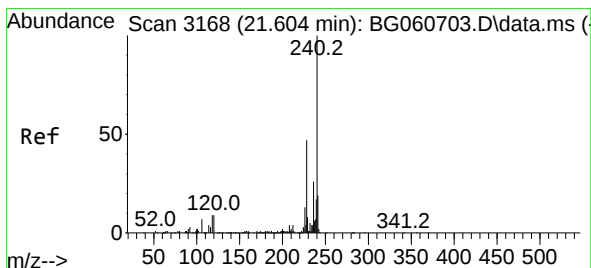
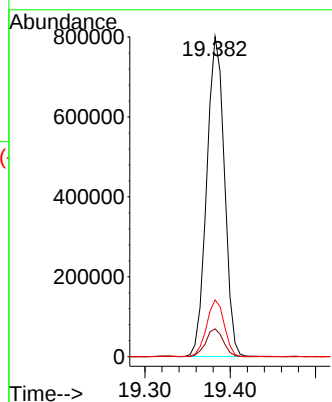
Tgt Ion:202 Resp: 115238
Ion Ratio Lower Upper
202 100
101 8.7 0.0 30.8
203 17.7 0.0 37.4

Manual Integrations

APPROVED

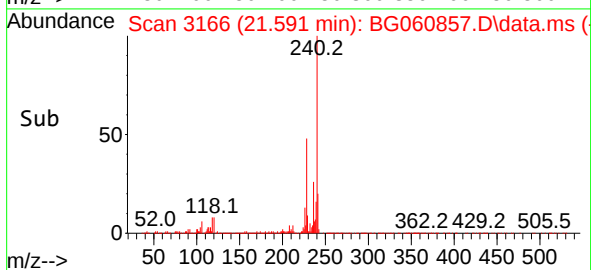
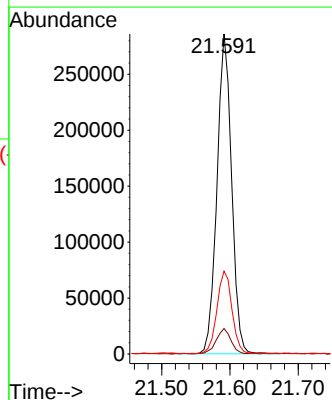
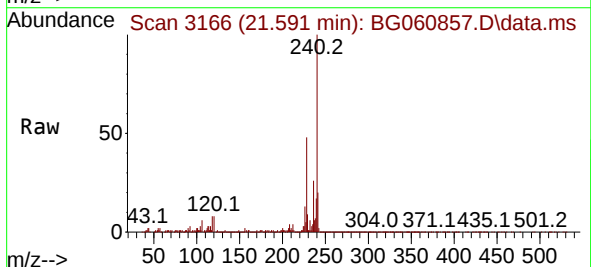
Reviewed By :Yogesh Patel 04/12/2024

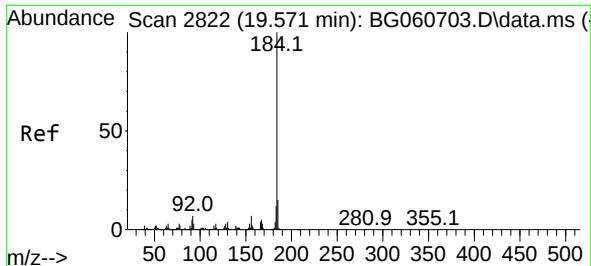
Supervised By :mohammad ahmed 04/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.591 min Scan# 3166
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

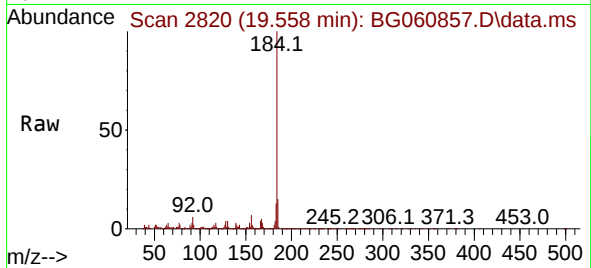
Tgt Ion:240 Resp: 425740
Ion Ratio Lower Upper
240 100
120 7.9 7.1 10.7
236 25.9 20.7 31.1





#77
Benzidine
Concen: 36.650 ng
RT: 19.558 min Scan# 2820
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

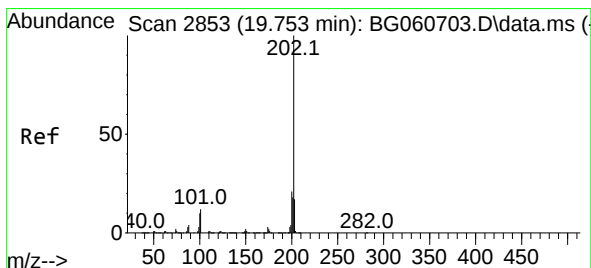
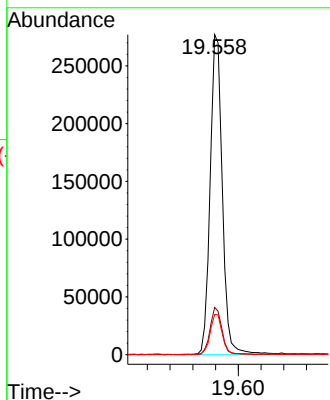
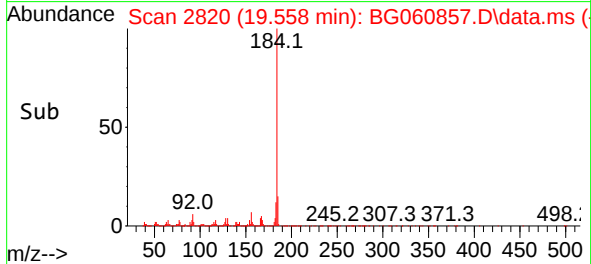
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



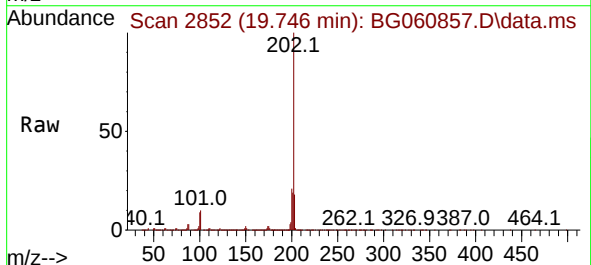
Tgt Ion:184 Resp: 410870
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.6
183 12.5 9.5 14.3

Manual Integrations
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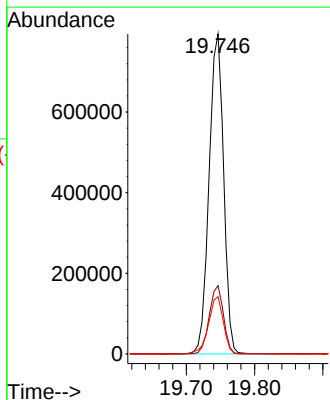
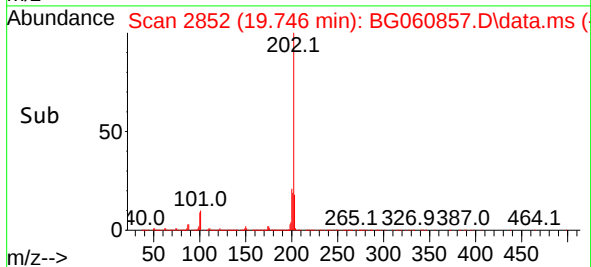
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024

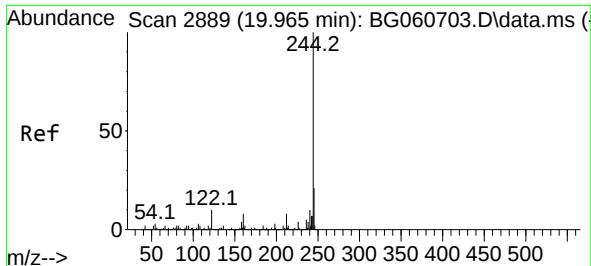


#78
Pyrene
Concen: 39.599 ng
RT: 19.746 min Scan# 2852
Delta R.T. -0.007 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29



Tgt Ion:202 Resp: 1179077
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 17.9 14.0 21.0





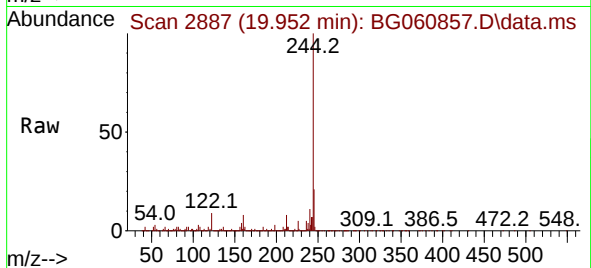
#79
 Terphenyl-d14
 Concen: 79.447 ng
 RT: 19.952 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BG060857.D
 Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



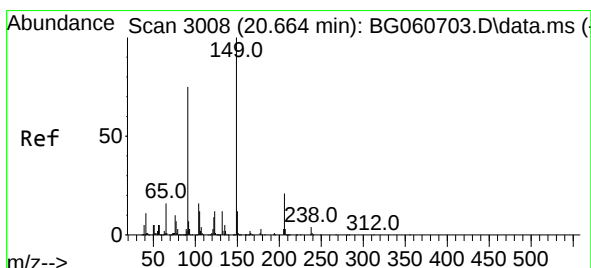
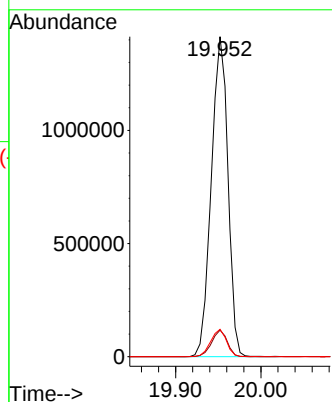
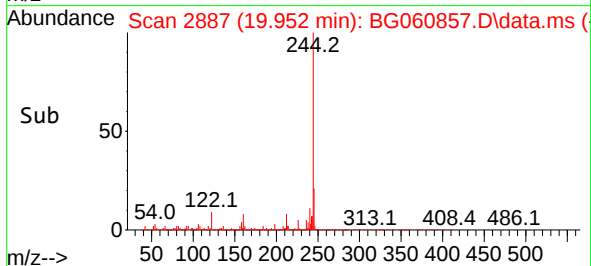
Tgt Ion:244 Resp: 1920898
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.2
 122 8.5 7.8 11.8

Manual Integrations

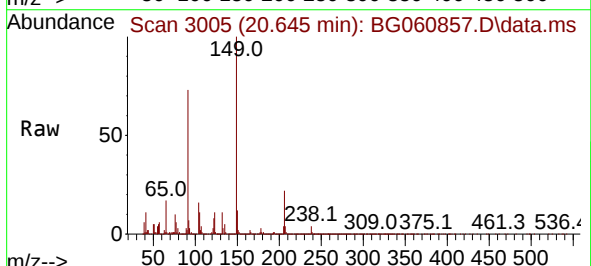
APPROVED

Reviewed By :Yogesh Patel 04/12/2024

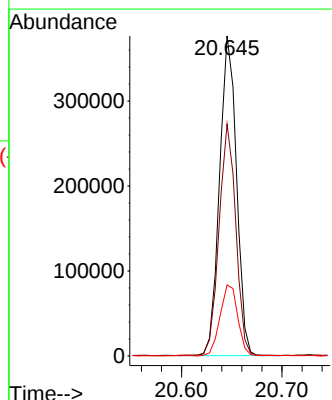
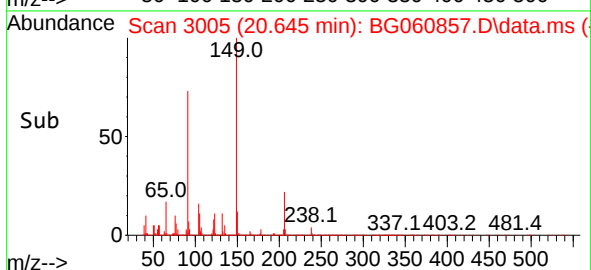
Supervised By :mohammad ahmed 04/17/2024

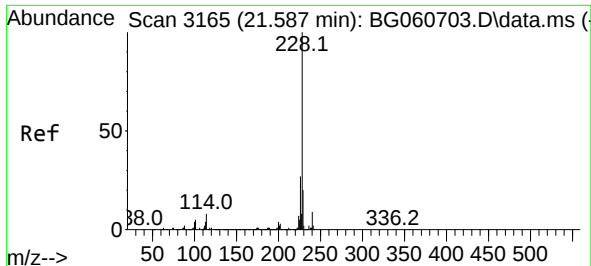


#80
 Butylbenzylphthalate
 Concen: 40.549 ng
 RT: 20.645 min Scan# 3005
 Delta R.T. -0.019 min
 Lab File: BG060857.D
 Acq: 11 Apr 2024 12:29



Tgt Ion:149 Resp: 440427
 Ion Ratio Lower Upper
 149 100
 91 72.5 60.1 90.1
 206 22.2 16.8 25.2





#81
Benzo(a)anthracene
Concen: 39.234 ng
RT: 21.574 min Scan# 3163
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

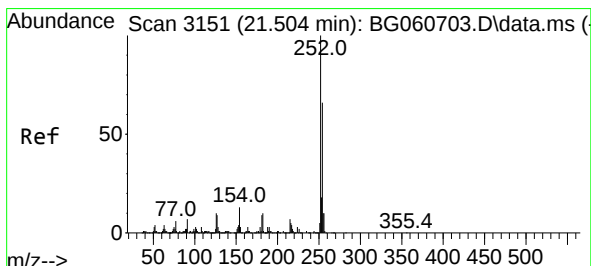
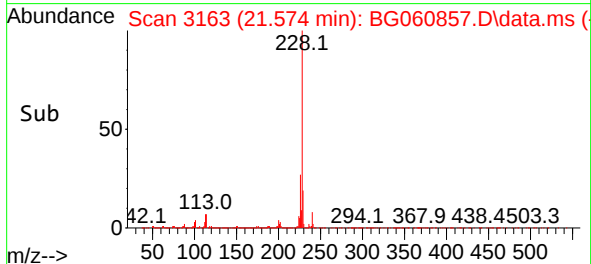
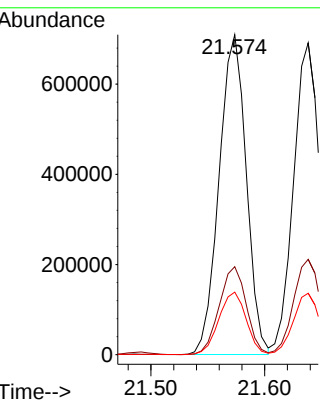
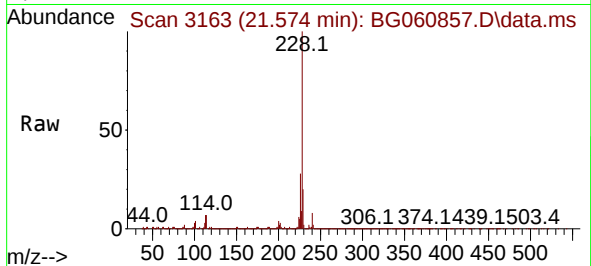
Tgt Ion:228 Resp: 1177410
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 19.5 15.8 23.8

Manual Integrations

APPROVED

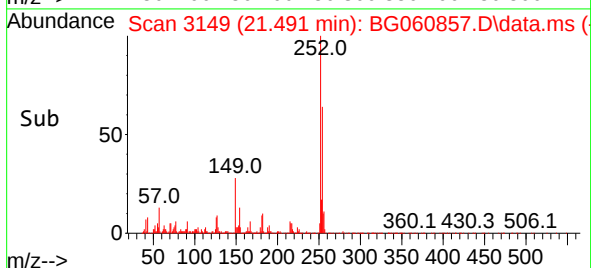
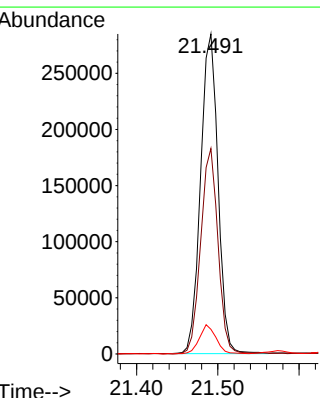
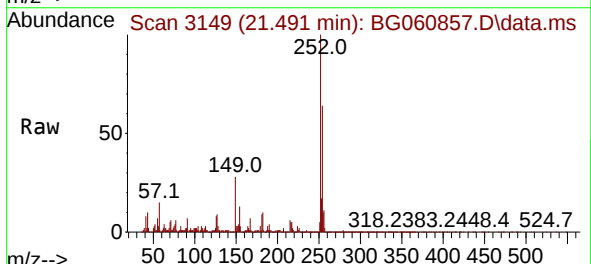
Reviewed By :Yogesh Patel 04/12/2024

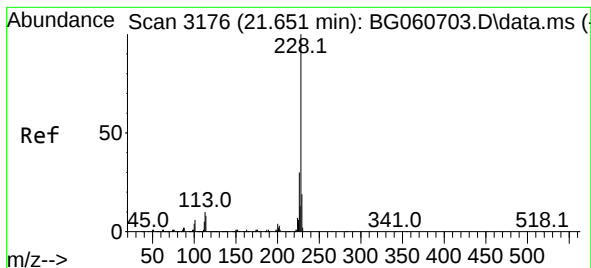
Supervised By :mohammad ahmed 04/17/2024



#82
3,3'-Dichlorobenzidine
Concen: 41.881 ng
RT: 21.491 min Scan# 3149
Delta R.T. -0.013 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Tgt Ion:252 Resp: 424384
Ion Ratio Lower Upper
252 100
254 64.2 52.6 78.8
126 7.7 7.8 11.8#





#83

Chrysene

Concen: 38.714 ng

RT: 21.638 min Scan# 3174

Delta R.T. -0.013 min

Lab File: BG060857.D

Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1119810

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

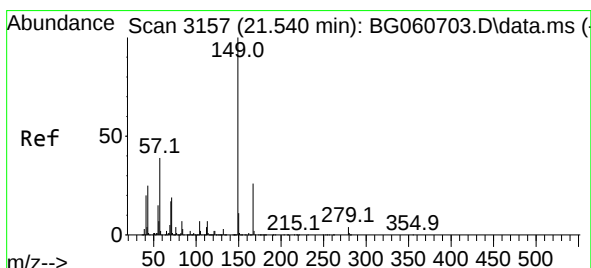
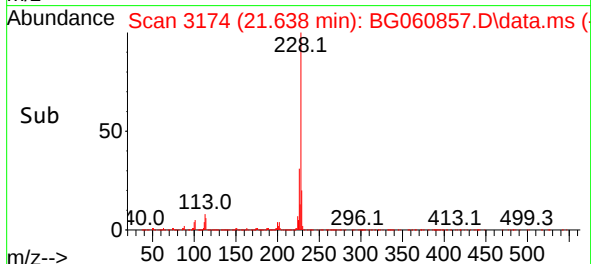
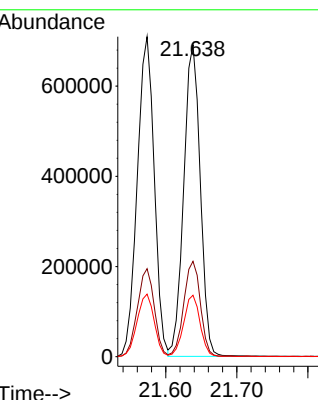
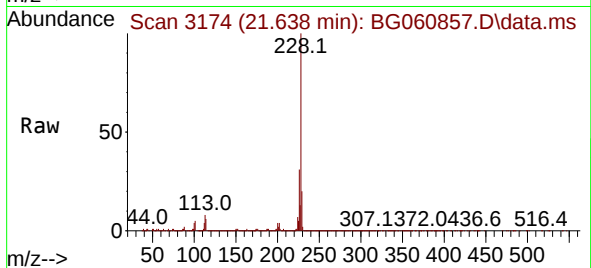
229 19.7 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.986 ng

RT: 21.509 min Scan# 3152

Delta R.T. -0.031 min

Lab File: BG060857.D

Acq: 11 Apr 2024 12:29

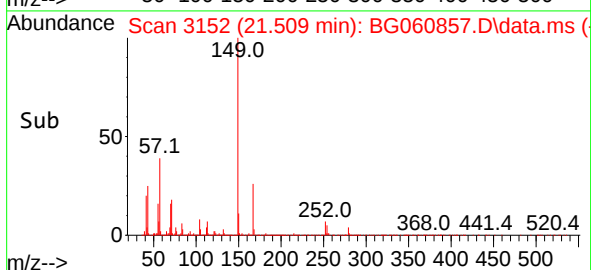
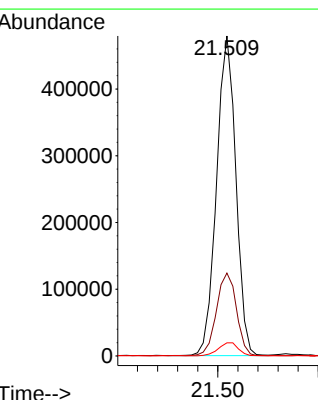
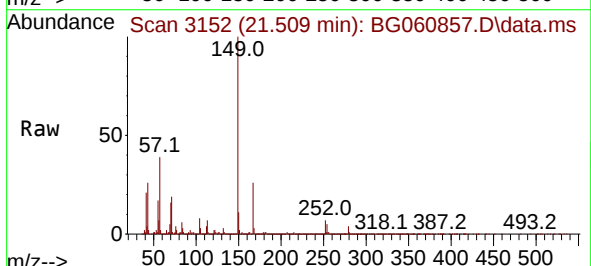
Tgt Ion:149 Resp: 640296

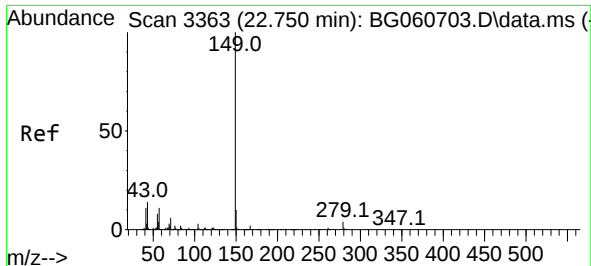
Ion Ratio Lower Upper

149 100

167 25.9 20.6 30.8

279 4.1 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 39.521 ng
RT: 22.702 min Scan# 311
Delta R.T. -0.048 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

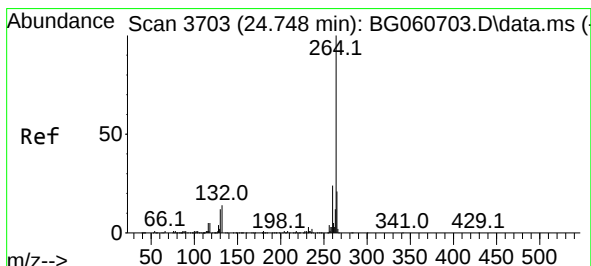
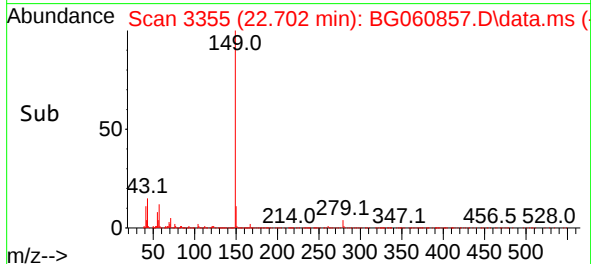
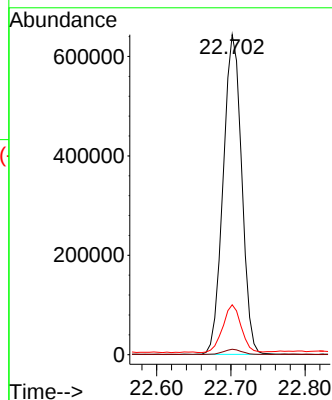
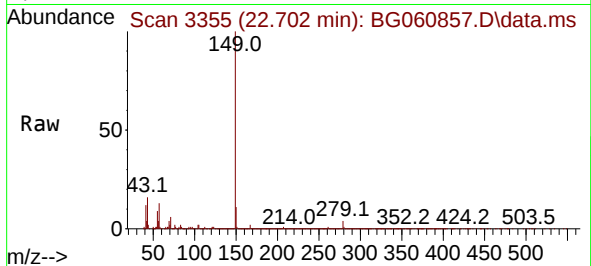
SSTDCCC040

Tgt Ion:149 Resp: 1114619
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 14.8 11.3 16.9

Manual Integrations

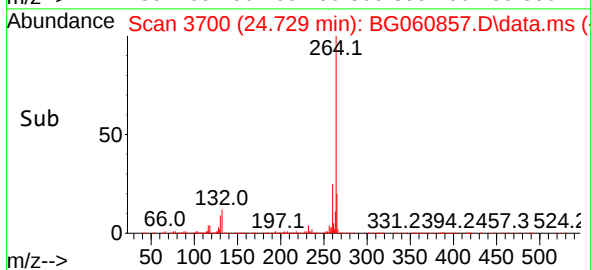
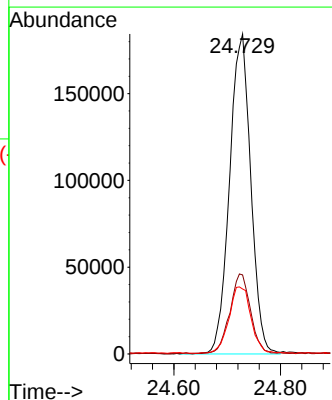
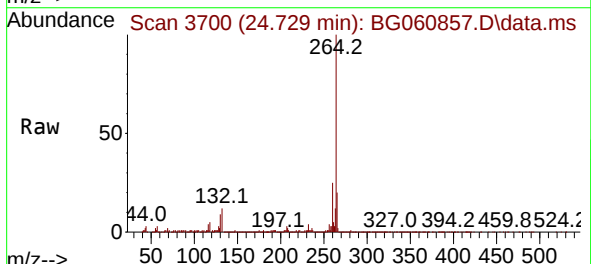
APPROVED

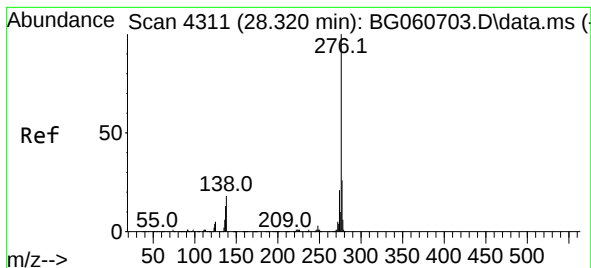
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.729 min Scan# 3700
Delta R.T. -0.019 min
Lab File: BG060857.D
Acq: 11 Apr 2024 12:29

Tgt Ion:264 Resp: 509423
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 20.3 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.647 ng

RT: 28.289 min Scan# 4311

Delta R.T. -0.031 min

Lab File: BG060857.D

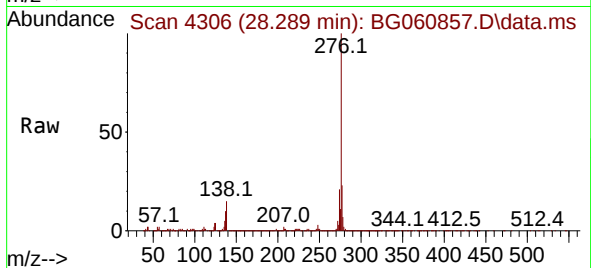
Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:276 Resp: 1386409

Ion Ratio Lower Upper

276 100

138 12.1 12.4 18.6

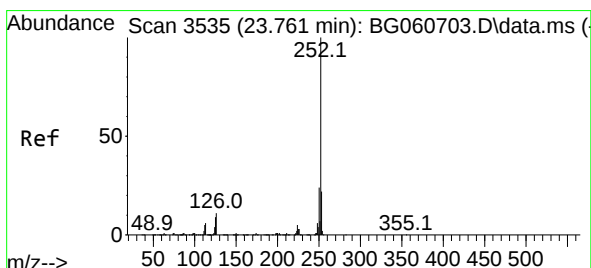
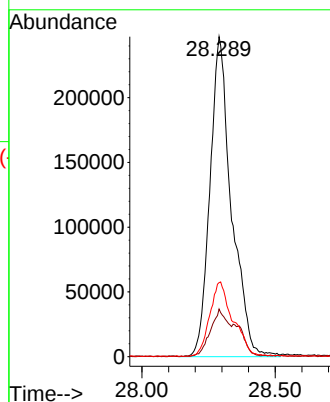
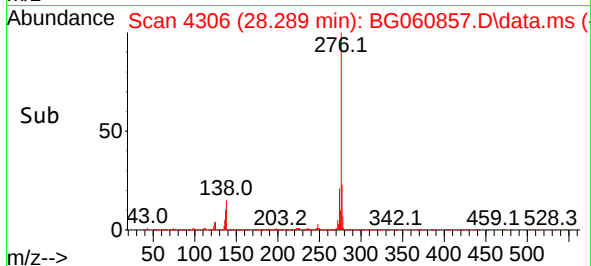
277 25.1 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024



#88

Benzo(b)fluoranthene

Concen: 37.954 ng

RT: 23.736 min Scan# 3531

Delta R.T. -0.025 min

Lab File: BG060857.D

Acq: 11 Apr 2024 12:29

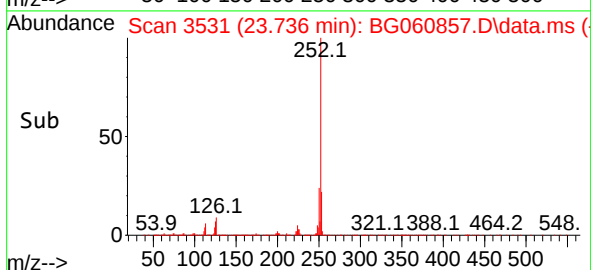
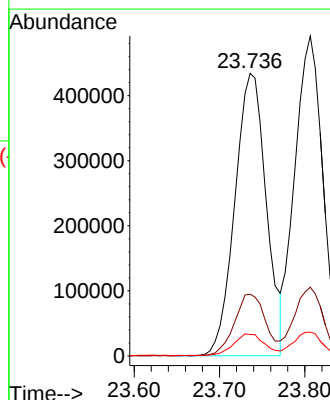
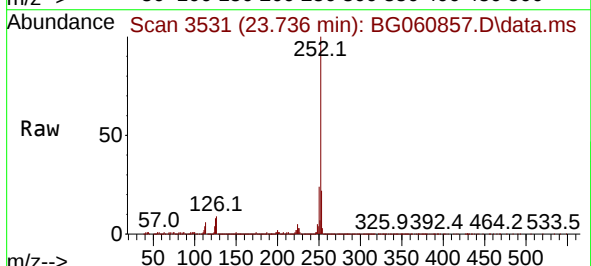
Tgt Ion:252 Resp: 1110775

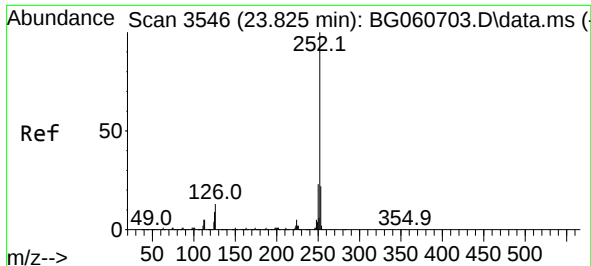
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 7.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 37.546 ng m

RT: 23.806 min Scan# 3

Delta R.T. -0.019 min

Lab File: BG060857.D

Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 1124700

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

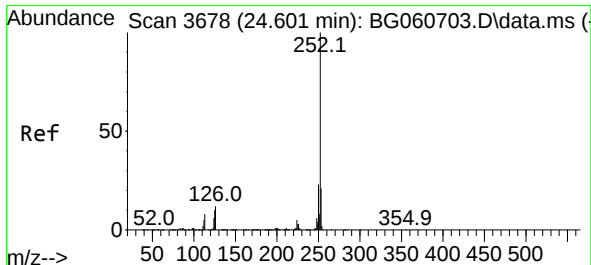
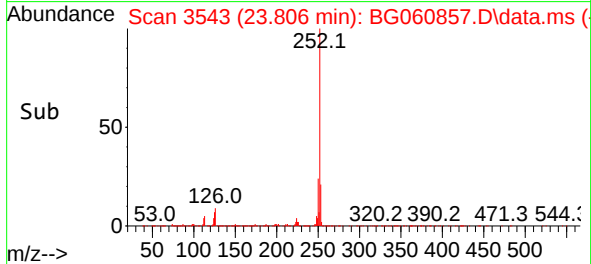
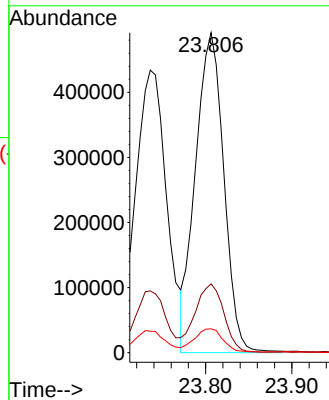
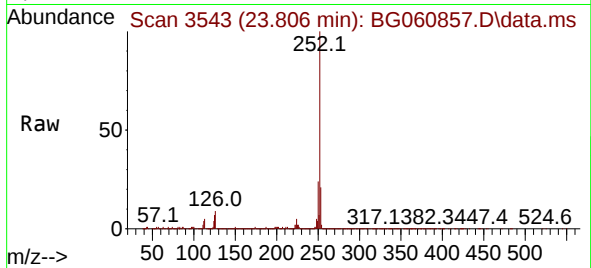
125 7.5 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024



#90

Benzo(a)pyrene

Concen: 38.638 ng

RT: 24.582 min Scan# 3675

Delta R.T. -0.019 min

Lab File: BG060857.D

Acq: 11 Apr 2024 12:29

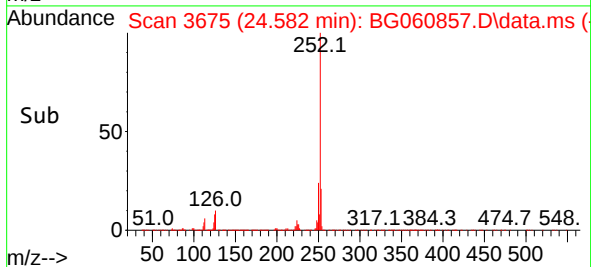
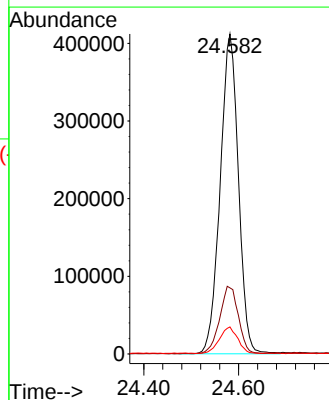
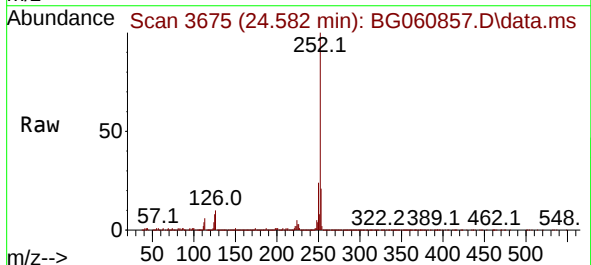
Tgt Ion:252 Resp: 1098914

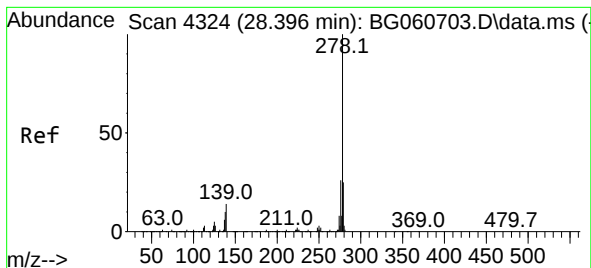
Ion Ratio Lower Upper

252 100

253 20.6 16.8 25.2

125 8.5 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 38.040 ng

RT: 28.360 min Scan# 41

Delta R.T. -0.036 min

Lab File: BG060857.D

Acq: 11 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 1150350

Ion Ratio Lower Upper

278 100

139 11.6 11.1 16.7

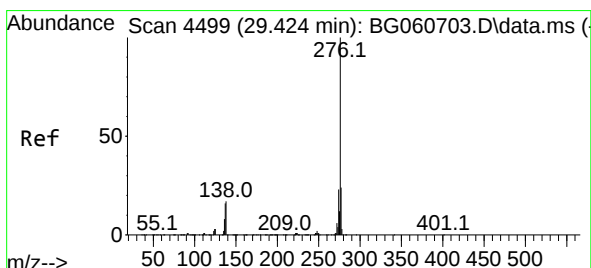
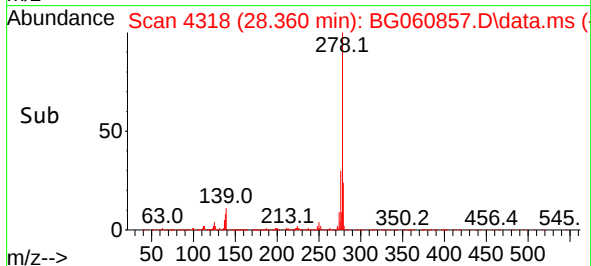
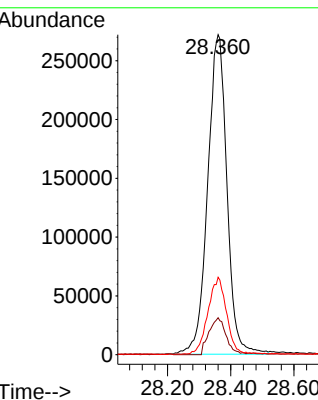
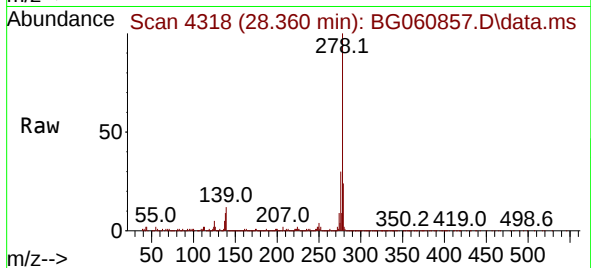
279 24.2 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024



#92

Benzo(g,h,i)perylene

Concen: 38.039 ng

RT: 29.400 min Scan# 4495

Delta R.T. -0.025 min

Lab File: BG060857.D

Acq: 11 Apr 2024 12:29

Tgt Ion:276 Resp: 1118990

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 14.4 14.0 21.0

