

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
 Data File : BG060104.D
 Acq On : 20 Dec 2023 17:44
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023

Quant Time: Dec 21 02:38:59 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 19 04:37:23 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	32710	20.000	ng	#-0.01
21) Naphthalene-d8	10.755	136	124401	20.000	ng	# 0.00
39) Acenaphthene-d10	14.585	164	129252	20.000	ng	-0.01
64) Phenanthrene-d10	17.335	188	431083	20.000	ng	#-0.01
76) Chrysene-d12	21.607	240	567996	20.000	ng	#-0.01
86) Perylene-d12	24.797	264	635863	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	106546	55.760	ng	-0.01
7) Phenol-d6	7.112	99	186385	69.344	ng	0.00
23) Nitrobenzene-d5	9.110	82	252386	92.125	ng	-0.01
42) 2,4,6-Tribromophenol	16.078	330	309820	102.856	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	920554	87.168	ng	0.00
79) Terphenyl-d14	19.956	244	2771589	89.087	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	29476m	32.600	ng	
3) Pyridine	3.822	79	68096	26.892	ng	# 75
4) n-Nitrosodimethylamine	3.733	42	48344	38.814	ng	# 51
6) Aniline	7.276	93	121686	44.448	ng	# 88
8) 2-Chlorophenol	7.511	128	60724	33.536	ng	95
9) Benzaldehyde	7.082	77	60760	37.178	ng	94
10) Phenol	7.135	94	100192	37.107	ng	# 73
11) bis(2-Chloroethyl)ether	7.370	93	59093	30.571	ng	85
12) 1,3-Dichlorobenzene	7.835	146	81678	33.732	ng	# 90
13) 1,4-Dichlorobenzene	7.981	146	84583	33.569	ng	92
14) 1,2-Dichlorobenzene	8.299	146	82685	34.109	ng	95
15) Benzyl Alcohol	8.181	79	108549	50.248	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.475	45	126584	36.596	ng	97
17) 2-Methylphenol	8.387	107	75965	42.199	ng	# 82
18) Hexachloroethane	9.027	117	26977	35.344	ng	83
19) n-Nitroso-di-n-propyla...	8.751	70	81070	46.750	ng	# 81
20) 3+4-Methylphenols	8.716	107	103766	41.268	ng	91
22) Acetophenone	8.769	105	153068	42.224	ng	# 91
24) Nitrobenzene	9.151	77	125116	44.984	ng	# 86
25) Isophorone	9.674	82	221613	42.265	ng	# 94
26) 2-Nitrophenol	9.867	139	44792	43.789	ng	# 52
27) 2,4-Dimethylphenol	9.920	122	75028	53.510	ng	# 82
28) bis(2-Chloroethoxy)met...	10.155	93	94372	34.860	ng	99
29) 2,4-Dichlorophenol	10.396	162	115886	46.018	ng	87
30) 1,2,4-Trichlorobenzene	10.614	180	157484	46.200	ng	# 91
31) Naphthalene	10.802	128	252128	38.932	ng	98
32) Benzoic acid	10.061	122	47453m	37.206	ng	
33) 4-Chloroaniline	10.907	127	113476	46.051	ng	# 90
34) Hexachlorobutadiene	11.090	225	162871	52.205	ng	88
35) Caprolactam	11.689	113	26917m	42.076	ng	
36) 4-Chloro-3-methylphenol	12.036	107	108564	47.402	ng	98
37) 2-Methylnaphthalene	12.412	142	232303	45.735	ng	# 91
38) 1-Methylnaphthalene	12.629	142	211284	42.111	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.776	216	314269	46.639	ng	97
41) Hexachlorocyclopentadiene	12.758	237	175340	62.980	ng	95
43) 2,4,6-Trichlorophenol	13.023	196	163061	43.159	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
 Data File : BG060104.D
 Acq On : 20 Dec 2023 17:44
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023

Quant Time: Dec 21 02:38:59 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 19 04:37:23 2023

Response via : Initial Calibration

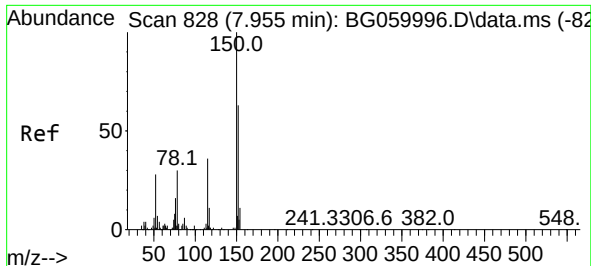
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.087	196	190962	46.469	ng	# 98
46) 1,1'-Biphenyl	13.422	154	387846	40.462	ng	97
47) 2-Chloronaphthalene	13.463	162	312448	37.638	ng	96
48) 2-Nitroaniline	13.669	65	98841	55.157	ng	# 80
49) Acenaphthylene	14.309	152	469485	41.345	ng	99
50) Dimethylphthalate	14.045	163	451872	45.040	ng	# 97
51) 2,6-Dinitrotoluene	14.162	165	96989	46.668	ng	# 81
52) Acenaphthene	14.656	154	287787	36.818	ng	95
53) 3-Nitroaniline	14.497	138	64462	38.816	ng	86
54) 2,4-Dinitrophenol	14.697	184	68413	44.679	ng	# 74
55) Dibenzofuran	14.985	168	554808	43.609	ng	95
56) 4-Nitrophenol	14.803	139	52663	37.731	ng	# 54
57) 2,4-Dinitrotoluene	14.950	165	140068	47.944	ng	# 89
58) Fluorene	15.637	166	459025	42.787	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.208	232	206897	48.366	ng	95
60) Diethylphthalate	15.408	149	401705	43.516	ng	99
61) 4-Chlorophenyl-phenyle...	15.631	204	378953	49.046	ng	97
62) 4-Nitroaniline	15.661	138	73517	40.654	ng	# 42
63) Azobenzene	15.919	77	351024	38.569	ng	87
65) 4,6-Dinitro-2-methylph...	15.708	198	116388	43.061	ng	85
66) n-Nitrosodiphenylamine	15.843	169	441298	41.904	ng	94
67) 4-Bromophenyl-phenylether	16.524	248	283796	46.660	ng	95
68) Hexachlorobenzene	16.642	284	292068	41.077	ng	98
69) Atrazine	16.789	200	132127	34.344	ng	92
70) Pentachlorophenol	16.983	266	173700	37.710	ng	96
71) Phenanthrene	17.382	178	856324	41.011	ng	98
72) Anthracene	17.470	178	894280	42.596	ng	98
73) Carbazole	17.741	167	668865	37.492	ng	99
74) Di-n-butylphthalate	18.299	149	628010	38.588	ng	98
75) Fluoranthene	19.392	202	1312963	43.090	ng	97
77) Benzidine	19.574	184	245366	33.631	ng	97
78) Pyrene	19.756	202	1328936	38.597	ng	99
80) Butylbenzylphthalate	20.649	149	261359	42.265	ng	89
81) Benzo(a)anthracene	21.589	228	1577146	41.336	ng	97
82) 3,3'-Dichlorobenzidine	21.507	252	581117	46.287	ng	# 96
83) Chrysene	21.654	228	1480447	40.956	ng	99
84) Bis(2-ethylhexyl)phtha...	21.501	149	381498	40.703	ng	99
85) Di-n-octyl phthalate	22.699	149	610497	37.655	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.434	276	1870468	41.218	ng	# 97
88) Benzo(b)fluoranthene	23.781	252	1518744	38.674	ng	# 99
89) Benzo(k)fluoranthene	23.851	252	1551581	40.733	ng	# 98
90) Benzo(a)pyrene	24.650	252	1467949	42.191	ng	# 99
91) Dibenzo(a,h)anthracene	28.510	278	1602066	42.218	ng	# 97
92) Benzo(g,h,i)perylene	29.568	276	1514839	40.133	ng	# 93

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

Manual Integrations

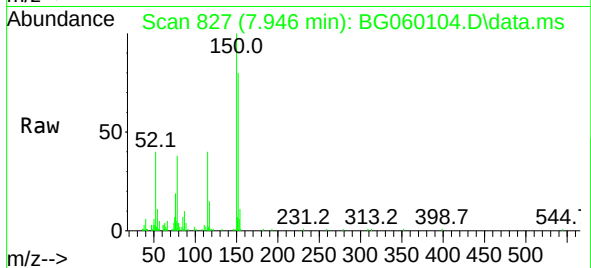
Quant Time: Dec 21 02:38:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 04:37:23 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.946 min Scan# 81
Delta R.T. -0.013 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

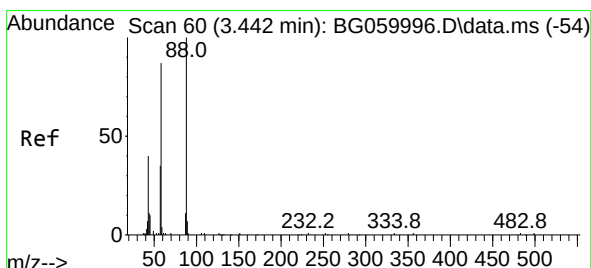
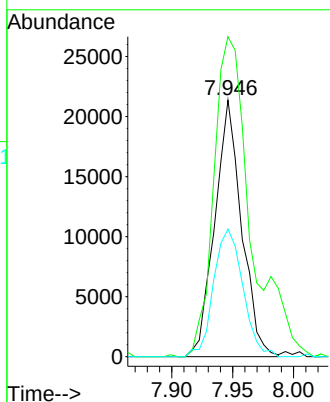
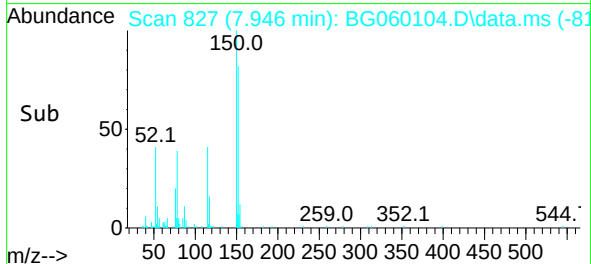
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 32710
Ion Ratio Lower Upper
152 100
150 124.8 127.0 190.6
115 49.7 45.7 68.5

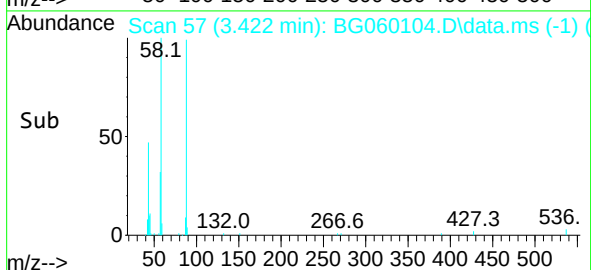
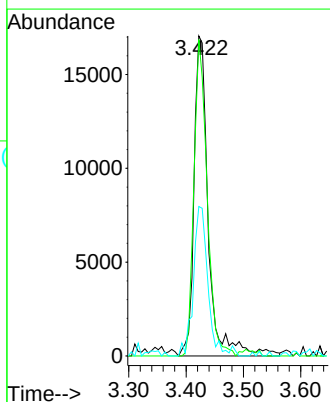
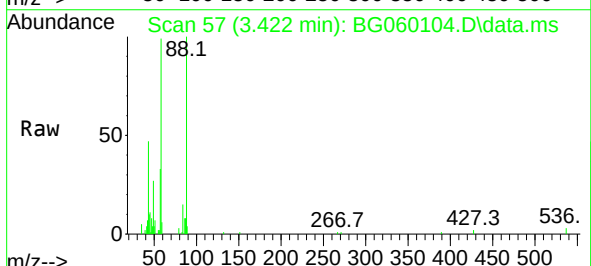
Manual Integrations
APPROVED

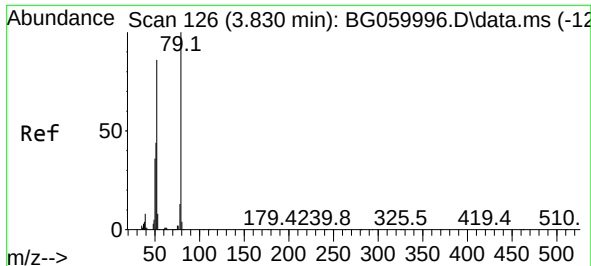
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#2
1,4-Dioxane
Concen: 32.600 ng m
RT: 3.422 min Scan# 57
Delta R.T. -0.018 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

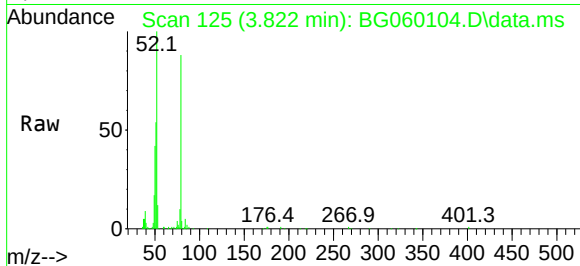
Tgt Ion: 88 Resp: 29476
Ion Ratio Lower Upper
88 100
58 90.8 68.5 102.7
43 46.6 28.8 43.2#





#3
Pyridine
Concen: 26.892 ng
RT: 3.822 min Scan# 110
Delta R.T. -0.018 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

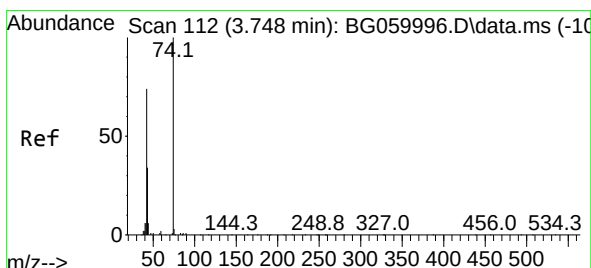
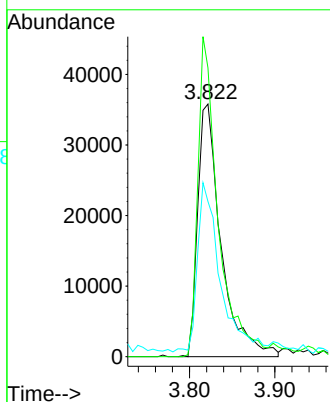
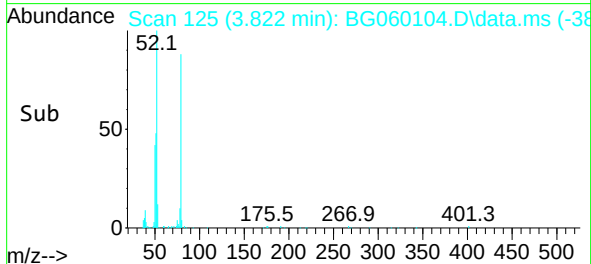
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



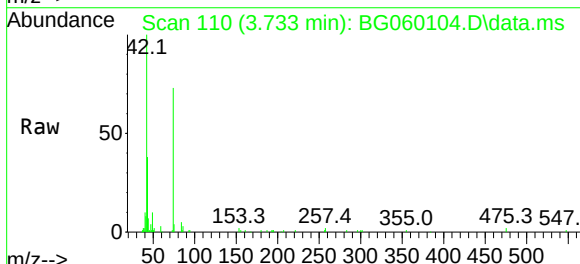
Tgt Ion: 79 Resp: 68090
Ion Ratio Lower Upper
79 100
52 114.3 68.7 103.1
51 61.4 41.1 61.7

Manual Integrations
APPROVED

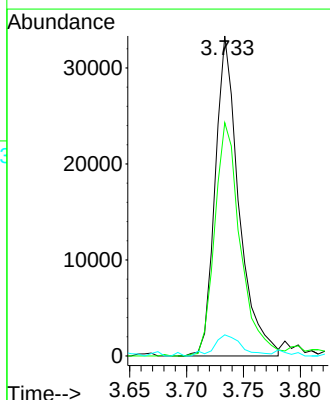
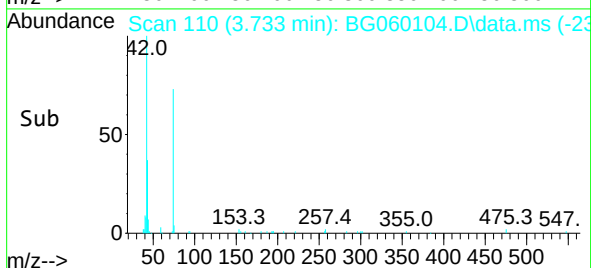
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

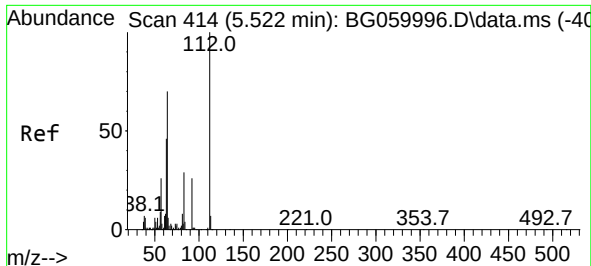


#4
n-Nitrosodimethylamine
Concen: 38.814 ng
RT: 3.733 min Scan# 110
Delta R.T. -0.018 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44



Tgt Ion: 42 Resp: 48344
Ion Ratio Lower Upper
42 100
74 72.9 107.4 161.2
44 6.6 6.0 9.0





#5
2-Fluorophenol
Concen: 55.760 ng
RT: 5.514 min Scan# 414
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

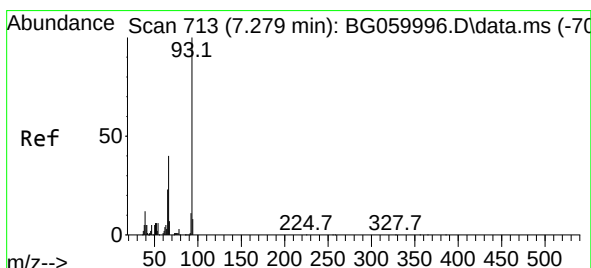
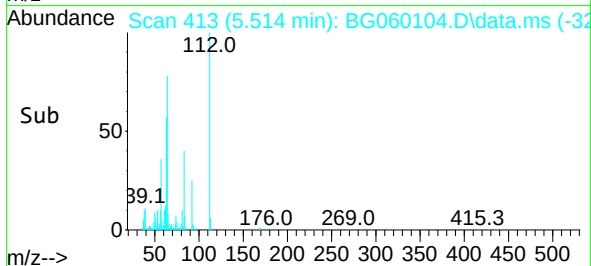
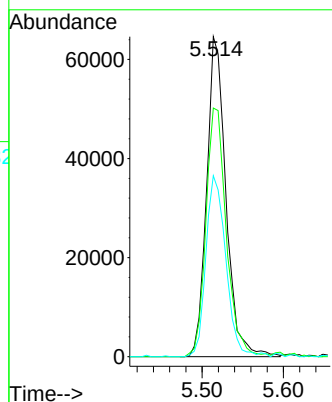
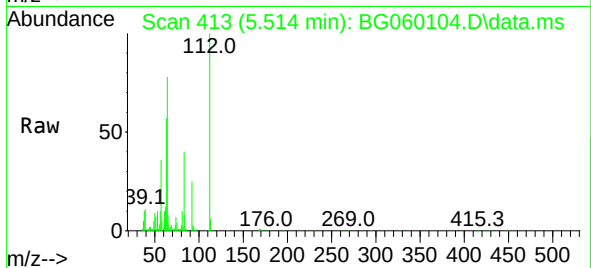
SSTDCCC040

Tgt Ion:112 Resp: 106540
Ion Ratio Lower Upper
112 100
64 77.7 55.9 83.9
63 56.5 36.5 54.7

Manual Integrations

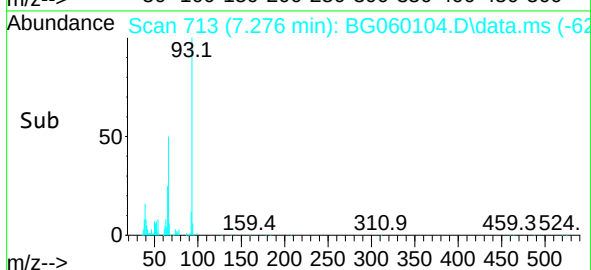
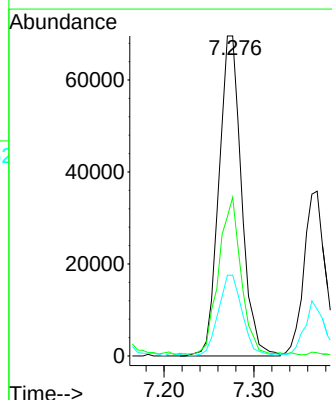
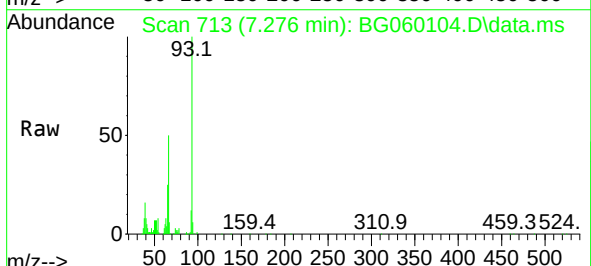
APPROVED

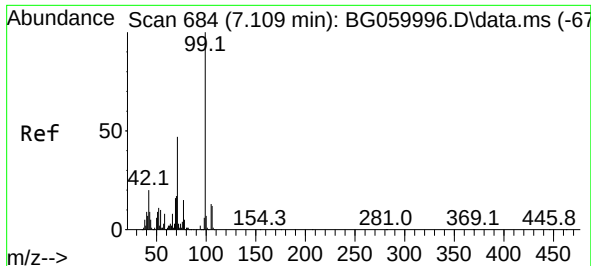
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#6
Aniline
Concen: 44.448 ng
RT: 7.276 min Scan# 713
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Tgt Ion: 93 Resp: 121686
Ion Ratio Lower Upper
93 100
66 49.6 31.8 47.8
65 25.2 18.6 28.0





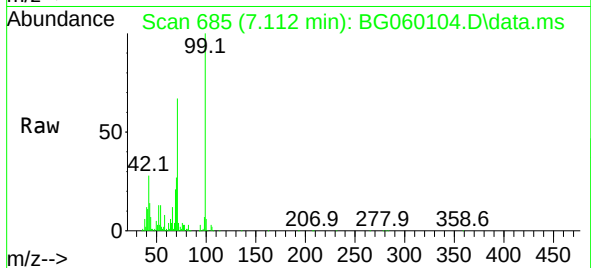
#7
Phenol-d6
Concen: 69.344 ng
RT: 7.112 min Scan# 684
Delta R.T. -0.001 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



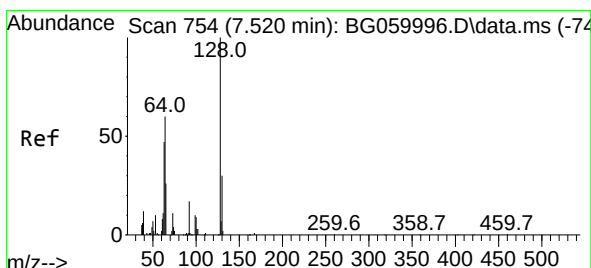
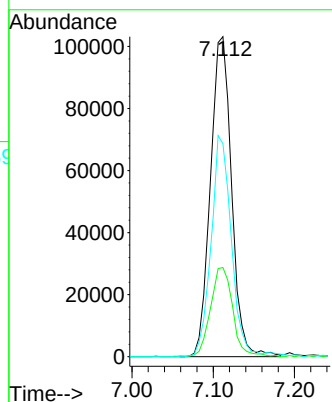
Tgt Ion: 99 Resp: 186385
Ion Ratio Lower Upper
99 100
42 27.9 16.2 24.4
71 66.6 37.6 56.4

Manual Integrations

APPROVED

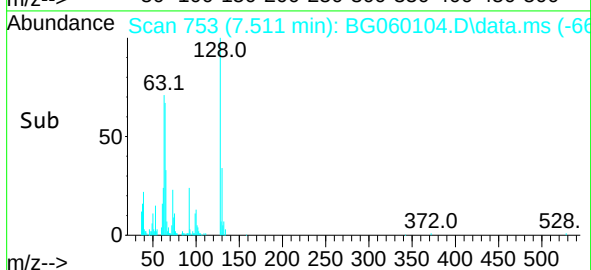
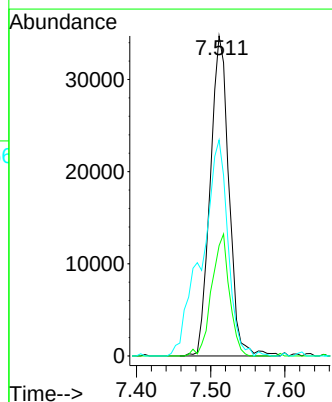
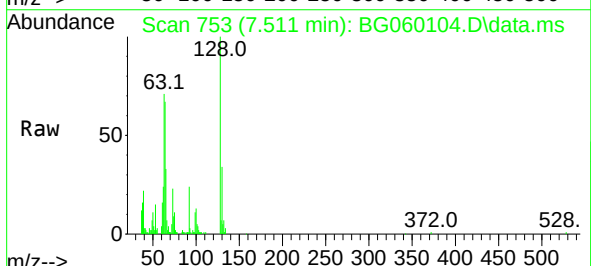
Reviewed By :Yogesh Patel 12/21/2023

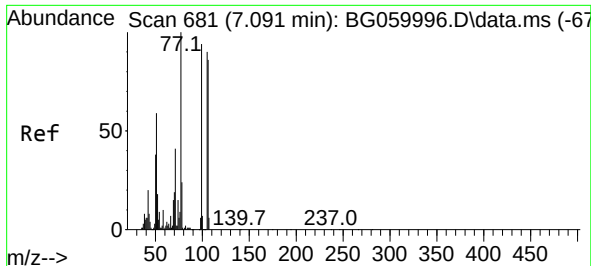
Supervised By :mohammad ahmed 12/21/2023



#8
2-Chlorophenol
Concen: 33.536 ng
RT: 7.511 min Scan# 753
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

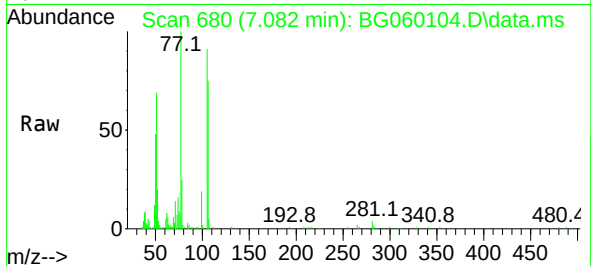
Tgt Ion:128 Resp: 60724
Ion Ratio Lower Upper
128 100
130 34.5 10.3 50.3
64 67.5 44.2 84.2





#9
Benzaldehyde
Concen: 37.178 ng
RT: 7.082 min Scan# 680
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

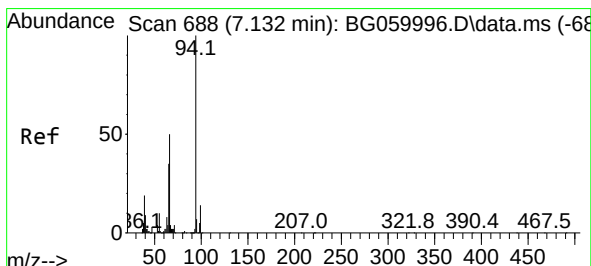
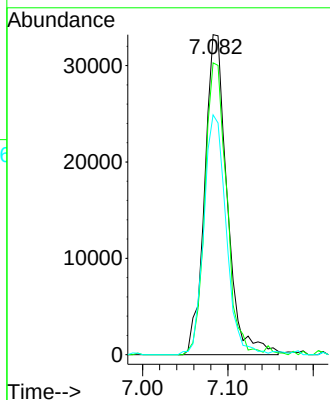
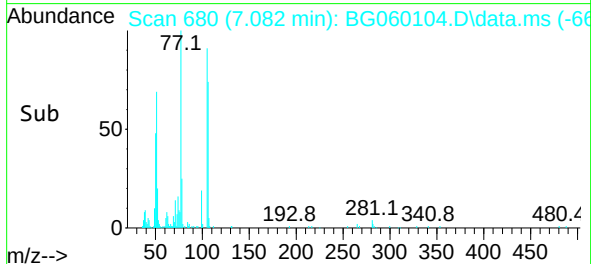
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



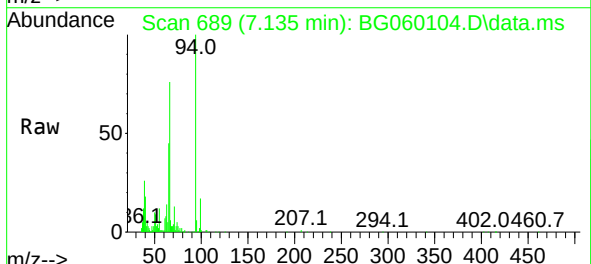
Tgt Ion: 77 Resp: 60760
Ion Ratio Lower Upper
77 100
105 91.2 70.5 110.5
106 74.9 66.0 106.0

Manual Integrations
APPROVED

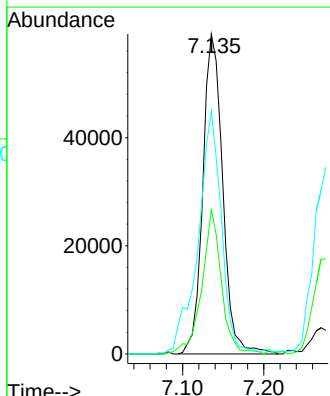
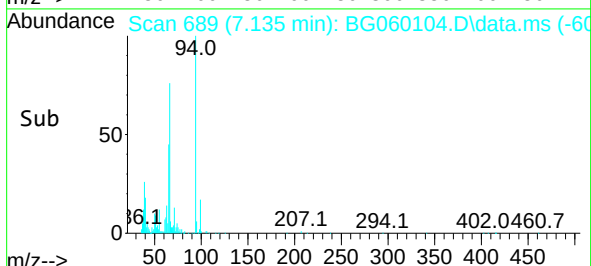
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

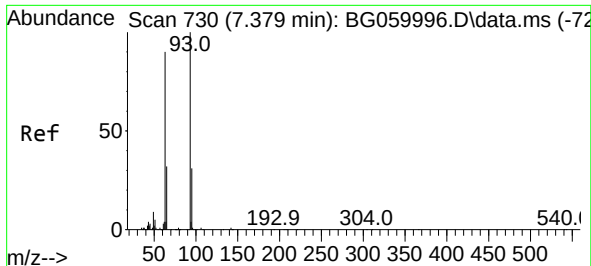


#10
Phenol
Concen: 37.107 ng
RT: 7.135 min Scan# 689
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44



Tgt Ion: 94 Resp: 100192
Ion Ratio Lower Upper
94 100
65 45.0 15.5 55.5
66 75.9 31.6 71.6#





#11
bis(2-Chloroethyl)ether
Concen: 30.571 ng
RT: 7.370 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

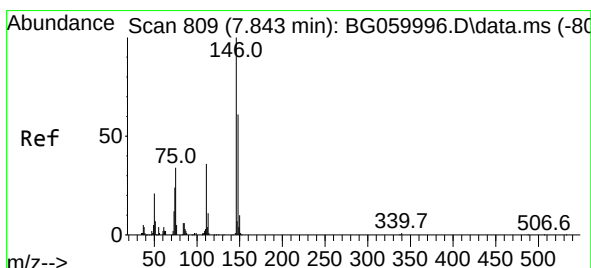
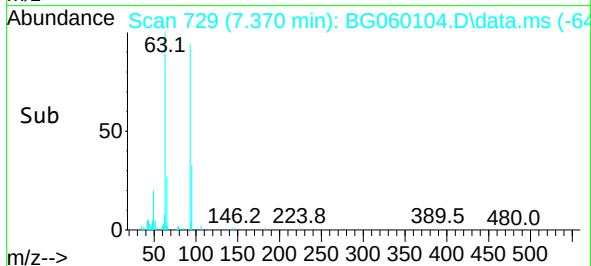
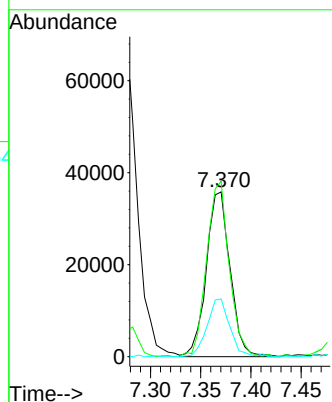
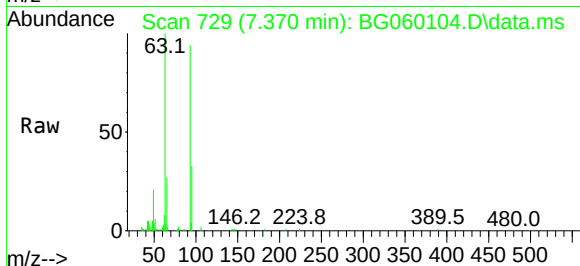
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 5909
Ion Ratio Lower Upper
93 100
63 106.4 69.8 109.8
95 35.0 10.7 50.7

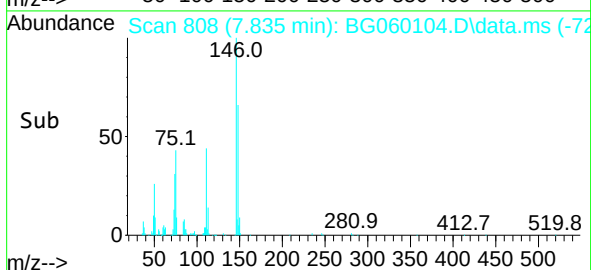
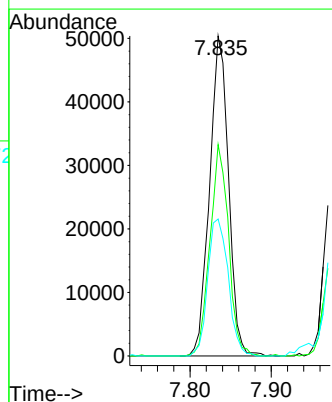
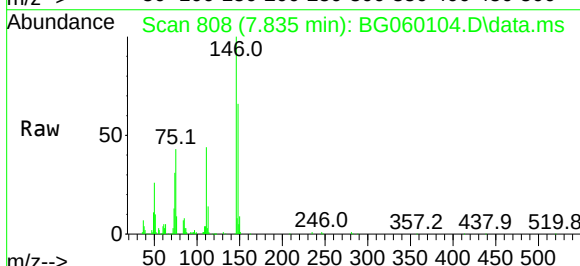
Manual Integrations
APPROVED

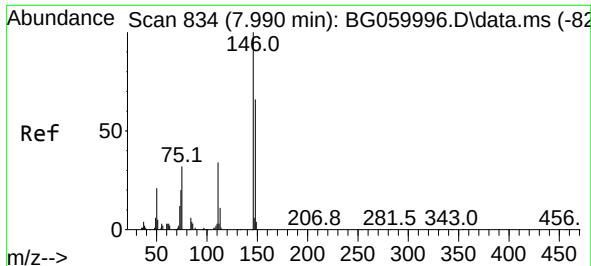
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#12
1,3-Dichlorobenzene
Concen: 33.732 ng
RT: 7.835 min Scan# 808
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Tgt Ion:146 Resp: 81678
Ion Ratio Lower Upper
146 100
148 66.1 49.1 73.7
75 42.8 27.0 40.6#





#13
1,4-Dichlorobenzene
Concen: 33.569 ng
RT: 7.981 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

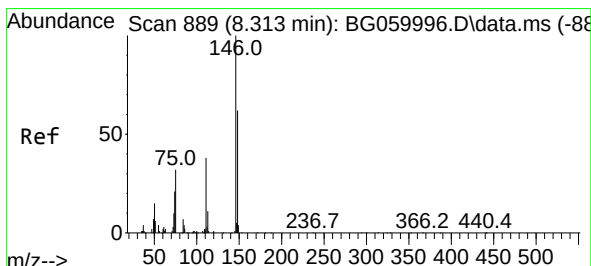
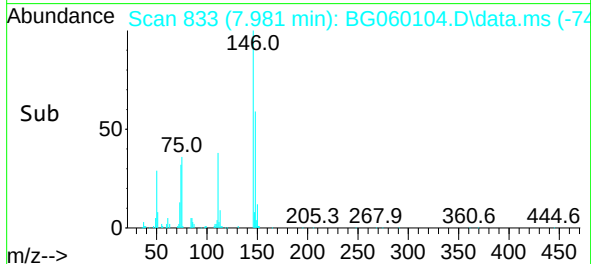
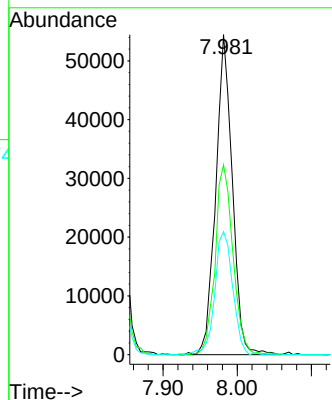
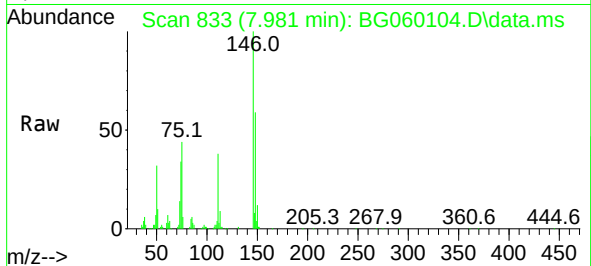
ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 8458
Ion Ratio Lower Upper
146 100
148 59.3 52.9 79.3
111 38.5 27.6 41.4

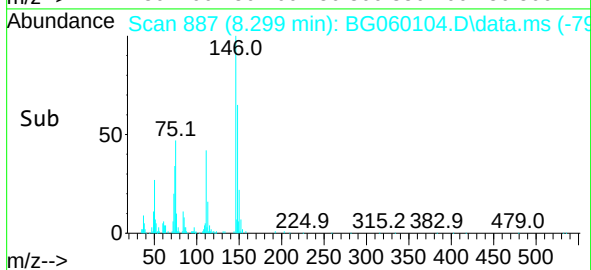
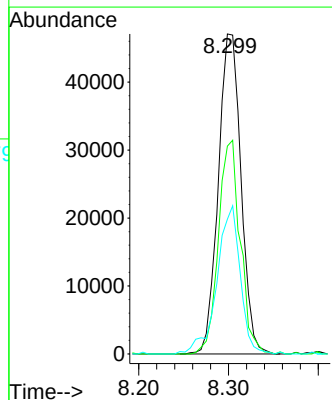
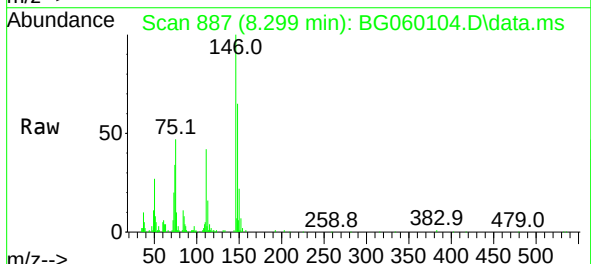
Manual Integrations
APPROVED

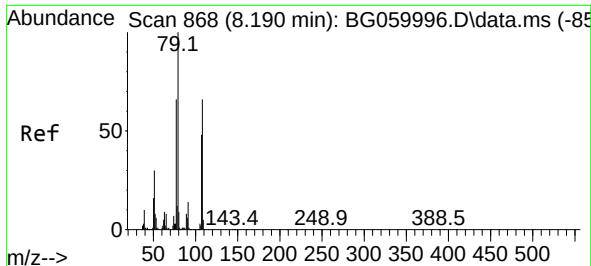
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#14
1,2-Dichlorobenzene
Concen: 34.109 ng
RT: 8.299 min Scan# 887
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Tgt Ion:146 Resp: 82685
Ion Ratio Lower Upper
146 100
148 65.0 49.7 74.5
111 42.1 30.9 46.3





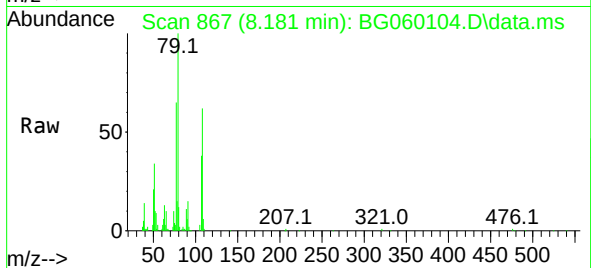
#15
Benzyl Alcohol
Concen: 50.248 ng
RT: 8.181 min Scan# 80
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

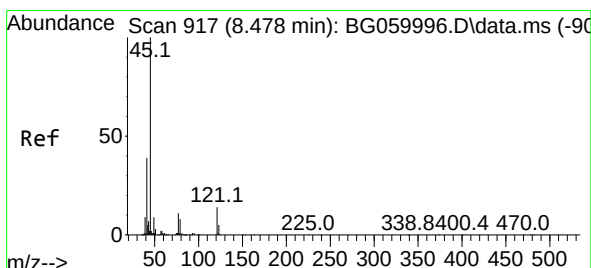
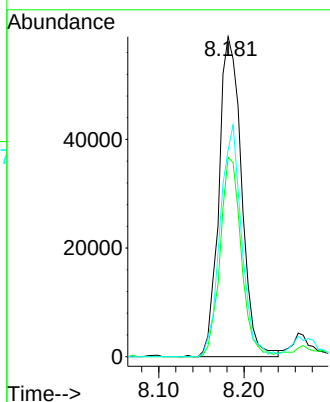
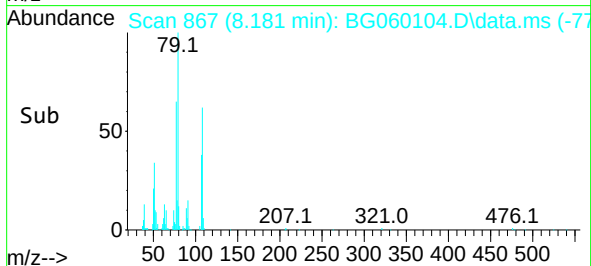


Tgt Ion: 79 Resp: 108549
Ion Ratio Lower Upper
79 100
108 62.2 53.1 79.7
77 64.5 52.8 79.2

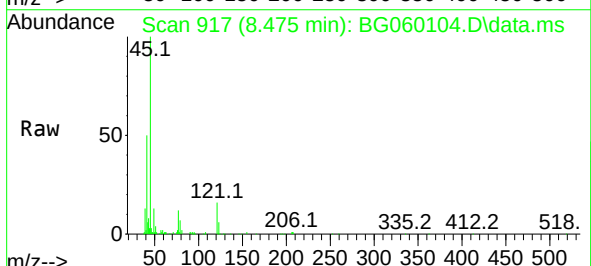
Manual Integrations

APPROVED

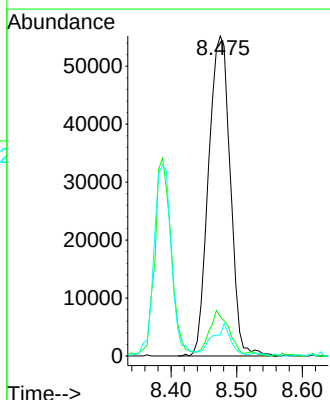
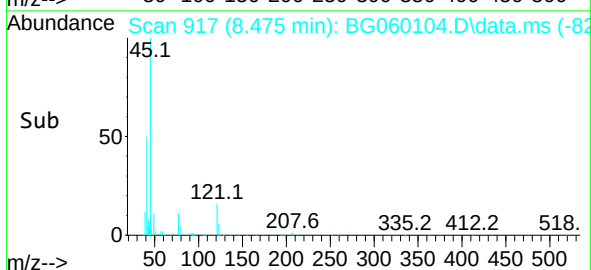
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

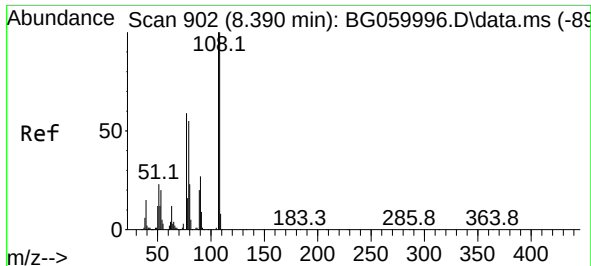


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.596 ng
RT: 8.475 min Scan# 917
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44



Tgt Ion: 45 Resp: 126584
Ion Ratio Lower Upper
45 100
77 12.3 0.0 31.7
79 6.6 0.0 28.7





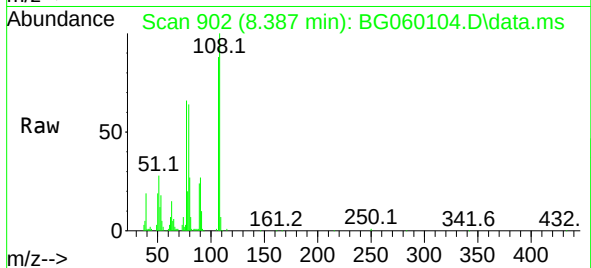
#17
2-Methylphenol
Concen: 42.199 ng
RT: 8.387 min Scan# 902
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



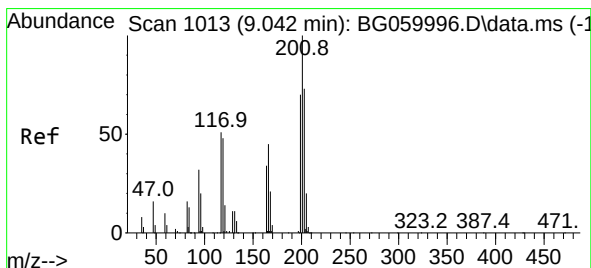
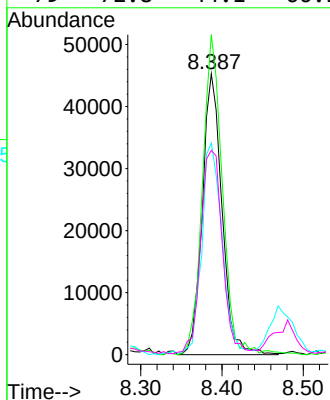
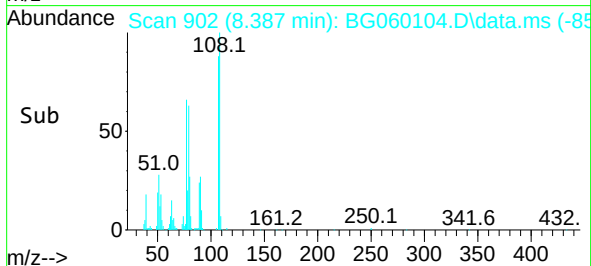
Tgt Ion:107 Resp: 7596
Ion Ratio Lower Upper
107 100
108 114.0 80.7 121.1
77 75.4 47.8 71.6
79 72.8 44.1 66.1#

Manual Integrations

APPROVED

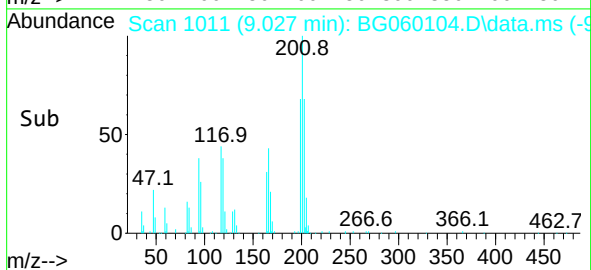
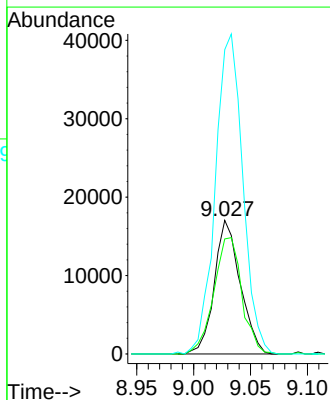
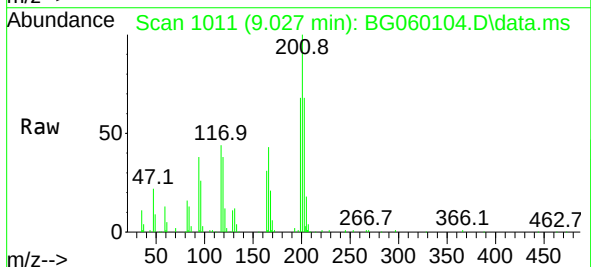
Reviewed By :Yogesh Patel 12/21/2023

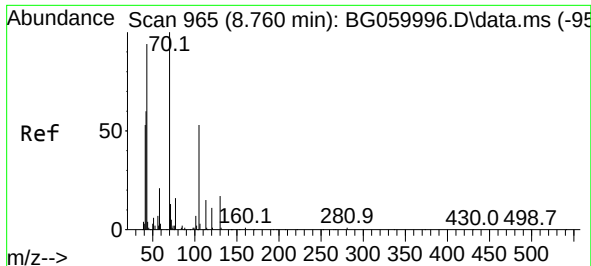
Supervised By :mohammad ahmed 12/21/2023



#18
Hexachloroethane
Concen: 35.344 ng
RT: 9.027 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Tgt Ion:117 Resp: 26977
Ion Ratio Lower Upper
117 100
119 86.1 74.5 111.7
201 227.7 156.5 234.7





#19

n-Nitroso-di-n-propylamine

Concen: 46.750 ng

RT: 8.751 min Scan# 965

Delta R.T. -0.012 min

Lab File: BG060104.D

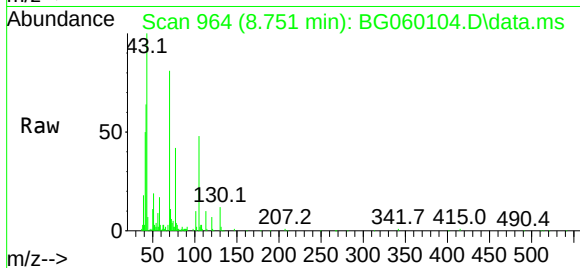
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 81070

Ion Ratio Lower Upper

70 100

42 78.7 48.6 73.0

101 12.4 5.7 8.5

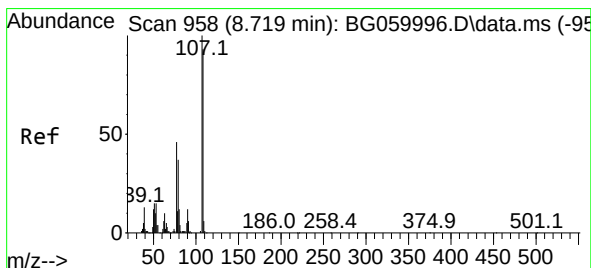
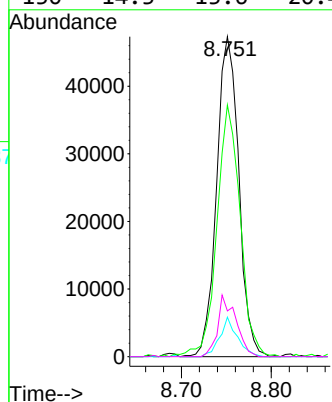
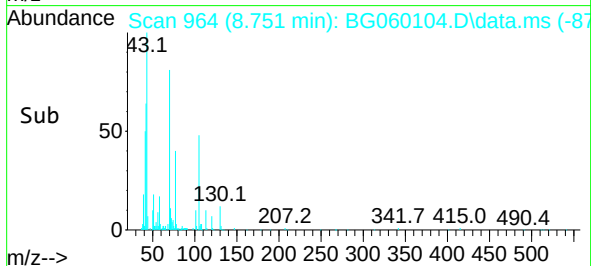
130 14.3 13.6 20.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#20

3+4-Methylphenols

Concen: 41.268 ng

RT: 8.716 min Scan# 958

Delta R.T. -0.001 min

Lab File: BG060104.D

Acq: 20 Dec 2023 17:44

Tgt Ion:107 Resp: 103766

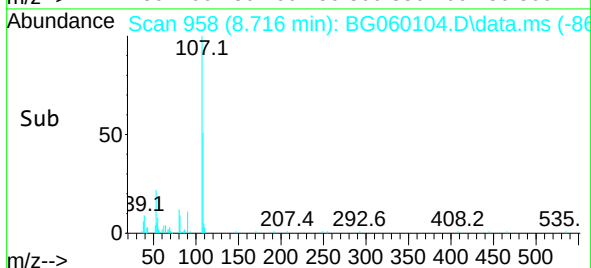
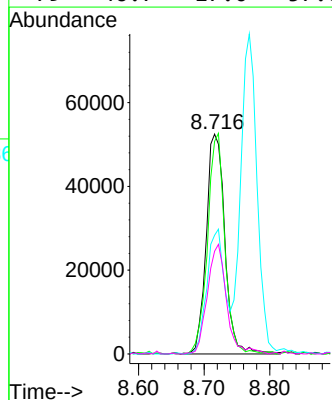
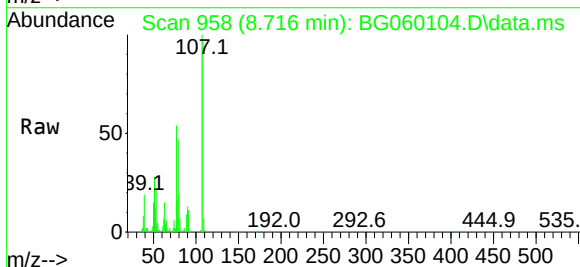
Ion Ratio Lower Upper

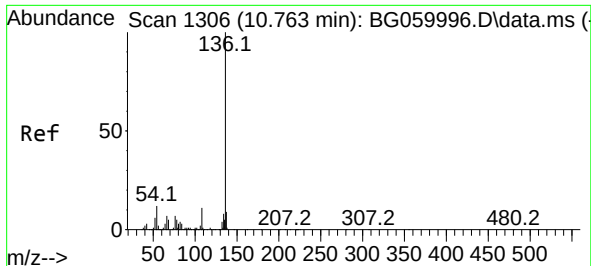
107 100

108 96.7 72.8 112.8

77 54.0 25.6 65.6

79 46.7 17.0 57.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

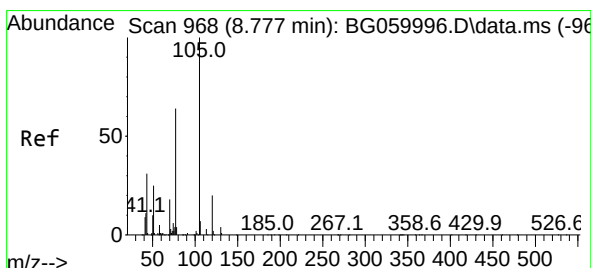
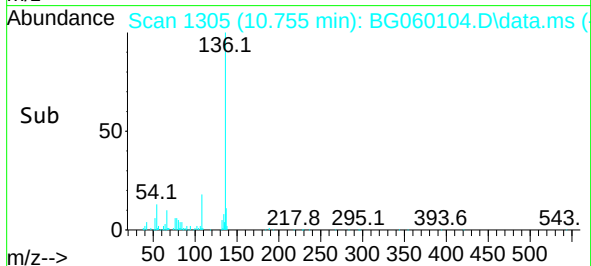
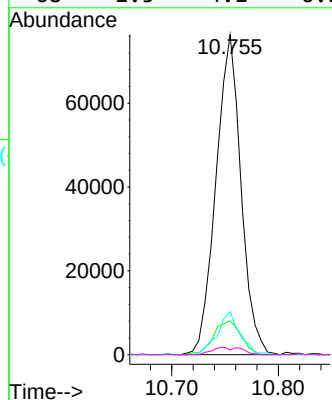
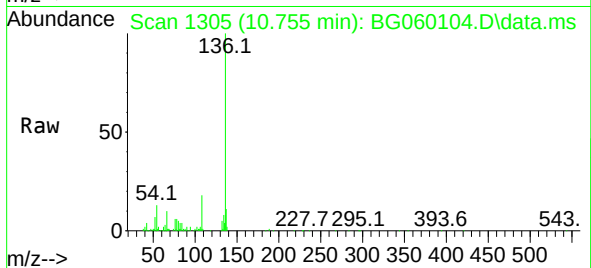
SSTDCCC040

Tgt Ion:136 Resp: 12440
Ion Ratio Lower Upper
136 100
137 10.6 7.3 10.9
54 13.4 9.6 14.4
68 1.5 4.1 6.1#

Manual Integrations

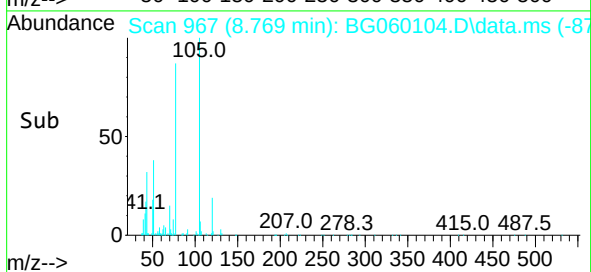
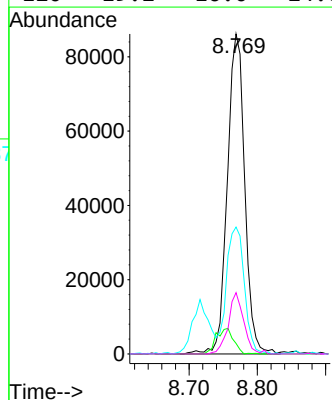
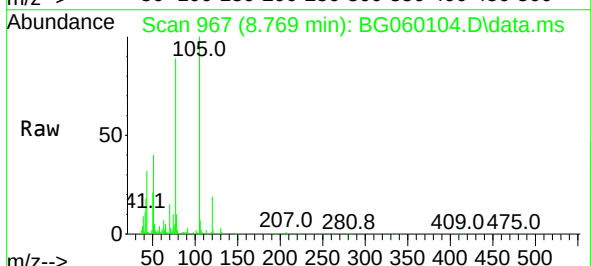
APPROVED

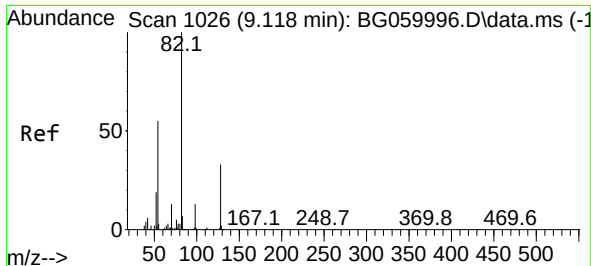
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#22
Acetophenone
Concen: 42.224 ng
RT: 8.769 min Scan# 967
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Tgt Ion:105 Resp: 153068
Ion Ratio Lower Upper
105 100
71 3.3 2.1 3.1#
51 39.6 25.4 38.0#
120 19.2 16.0 24.0





#23
Nitrobenzene-d5
Concen: 92.125 ng
RT: 9.110 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

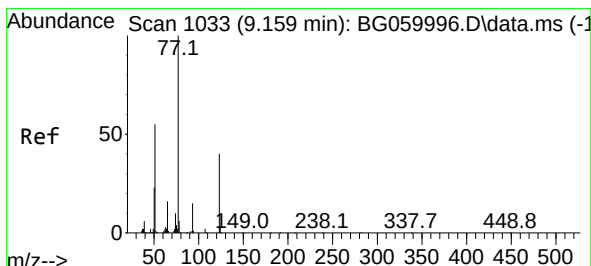
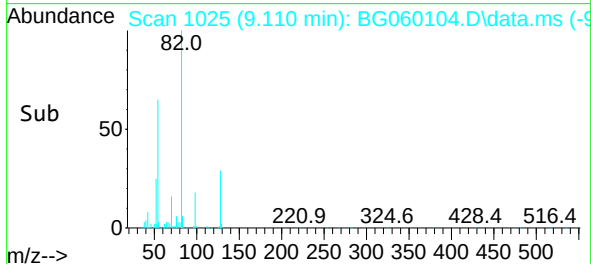
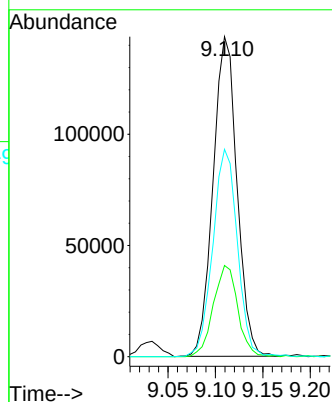
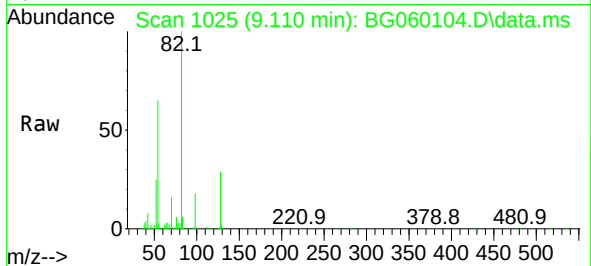
ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 252380
Ion Ratio Lower Upper
82 100
128 28.5 26.3 39.5
54 64.8 44.3 66.5

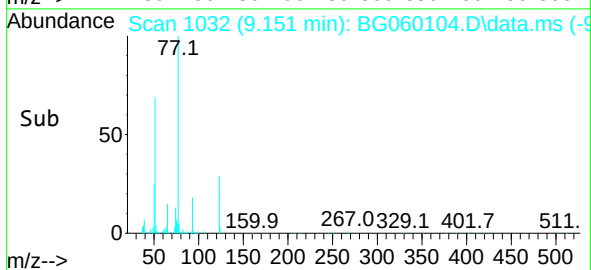
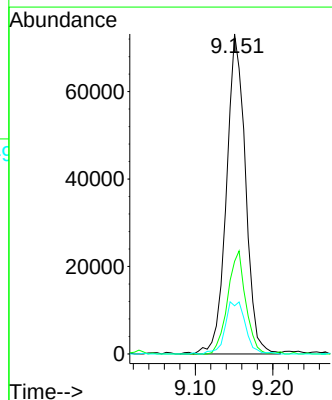
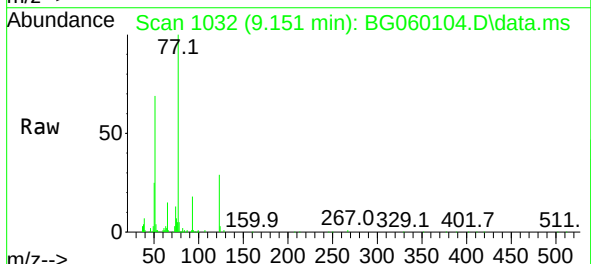
Manual Integrations
APPROVED

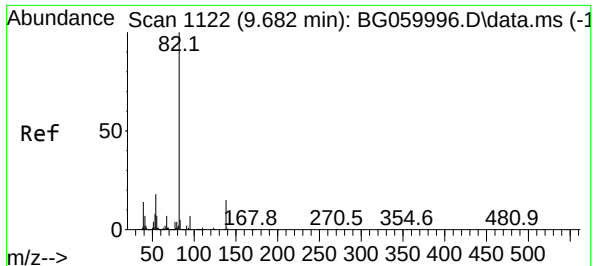
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#24
Nitrobenzene
Concen: 44.984 ng
RT: 9.151 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

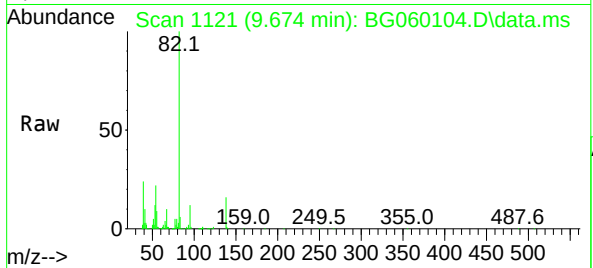
Tgt Ion: 77 Resp: 125116
Ion Ratio Lower Upper
77 100
123 28.9 32.1 48.1#
65 15.0 13.0 19.4





#25
Isophorone
Concen: 42.265 ng
RT: 9.674 min Scan# 1121
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

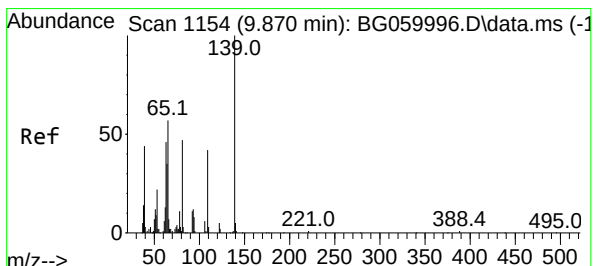
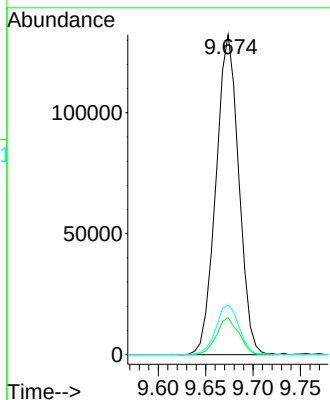
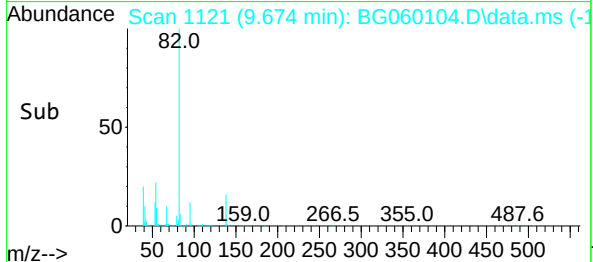
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



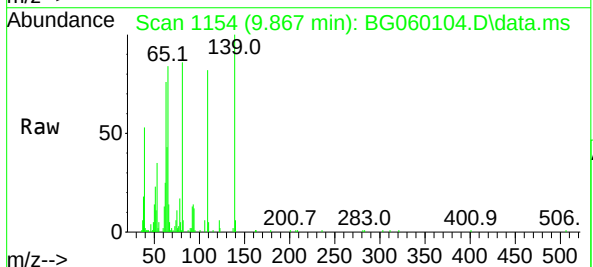
Tgt Ion: 82 Resp: 221611
Ion Ratio Lower Upper
82 100
95 11.6 5.8 8.8#
138 15.6 11.6 17.4#

Manual Integrations
APPROVED

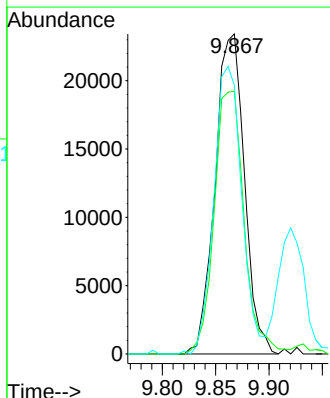
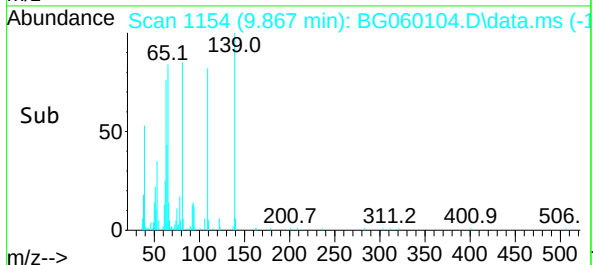
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

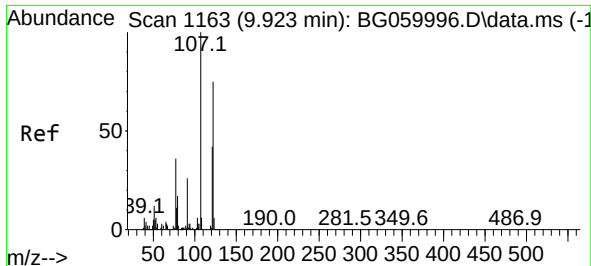


#26
2-Nitrophenol
Concen: 43.789 ng
RT: 9.867 min Scan# 1154
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44



Tgt Ion:139 Resp: 44792
Ion Ratio Lower Upper
139 100
109 82.1 33.8 50.6#
65 83.9 45.2 67.8#





#27

2,4-Dimethylphenol

Concen: 53.510 ng

RT: 9.920 min Scan# 1163

Delta R.T. -0.007 min

Lab File: BG060104.D

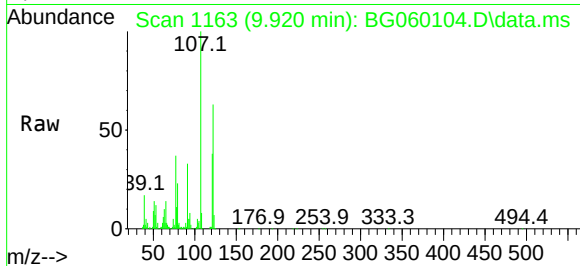
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:122 Resp: 75028

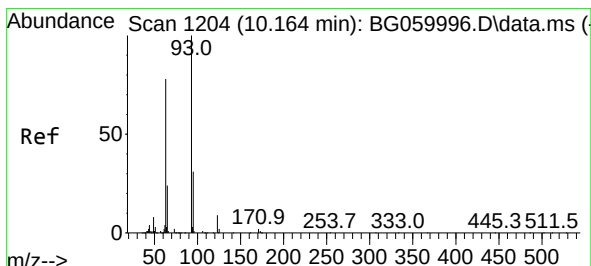
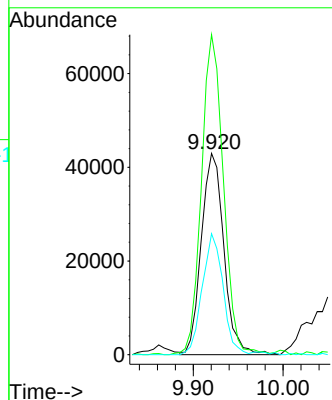
Ion	Ratio	Lower	Upper
122	100		
107	159.0	105.9	158.9
121	60.1	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#28

bis(2-Chloroethoxy)methane

Concen: 34.860 ng

RT: 10.155 min Scan# 1203

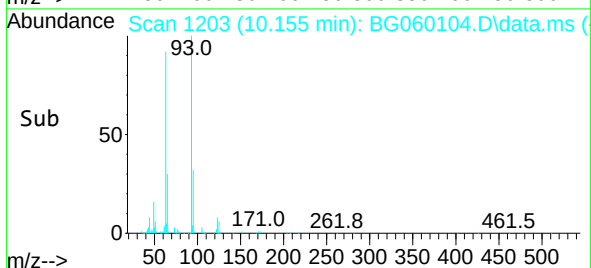
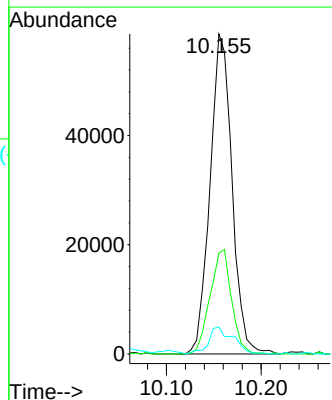
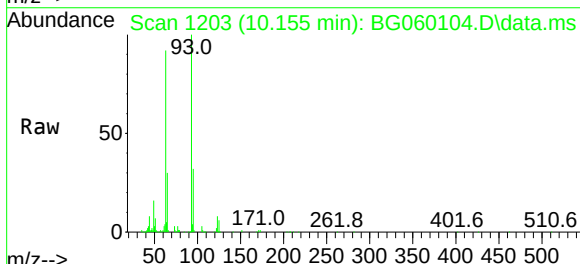
Delta R.T. -0.012 min

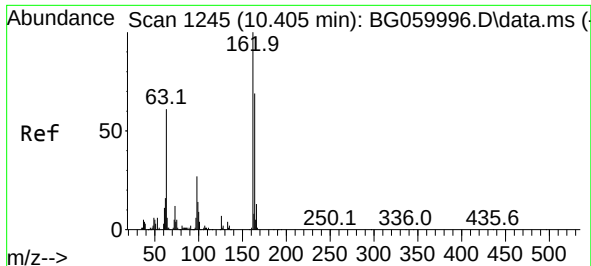
Lab File: BG060104.D

Acq: 20 Dec 2023 17:44

Tgt Ion: 93 Resp: 94372

Ion	Ratio	Lower	Upper
93	100		
95	31.5	24.7	37.1
123	8.5	7.5	11.3





#29

2,4-Dichlorophenol

Concen: 46.018 ng

RT: 10.396 min Scan# 1244

Delta R.T. -0.007 min

Lab File: BG060104.D

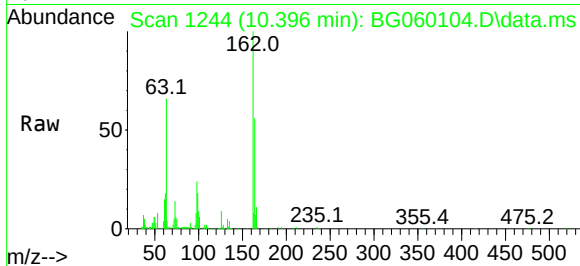
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



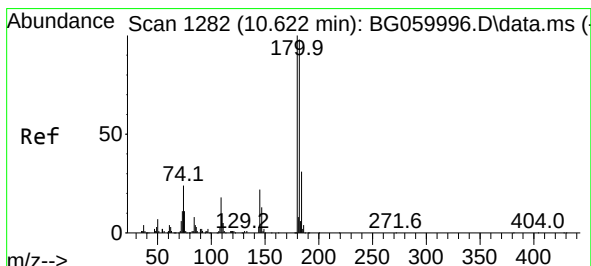
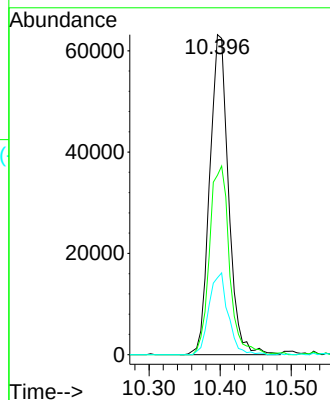
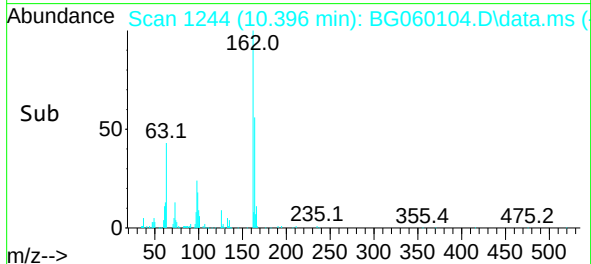
Tgt Ion:	162	Resp:	115880
Ion Ratio	Lower	Upper	
162	100		
164	56.1	48.8	88.8
98	24.0	7.2	47.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.200 ng

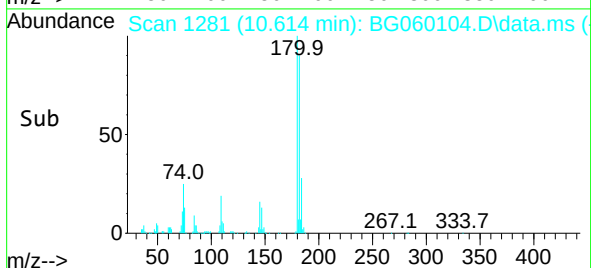
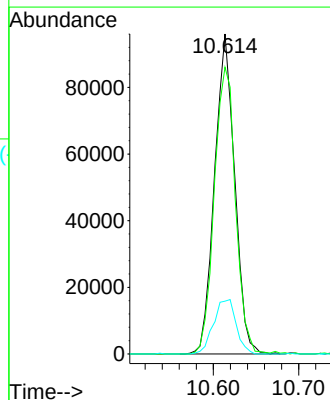
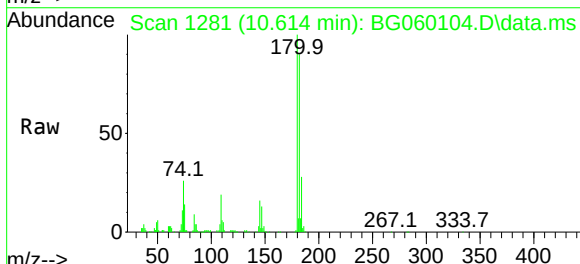
RT: 10.614 min Scan# 1281

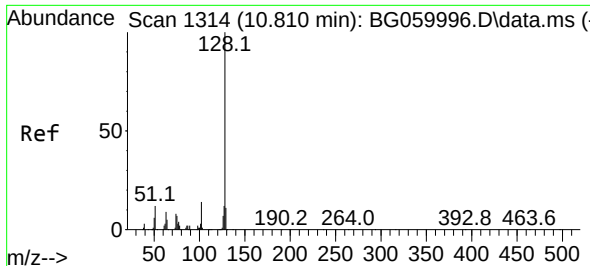
Delta R.T. -0.012 min

Lab File: BG060104.D

Acq: 20 Dec 2023 17:44

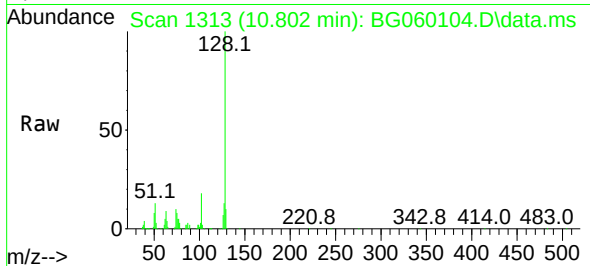
Tgt Ion:	180	Resp:	157484
Ion Ratio	Lower	Upper	
180	100		
182	89.6	78.2	117.4
145	16.5	17.2	25.8





#31
Naphthalene
Concen: 38.932 ng
RT: 10.802 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

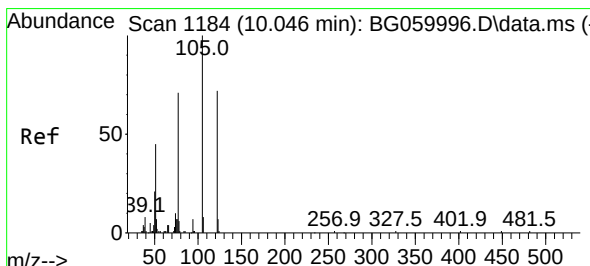
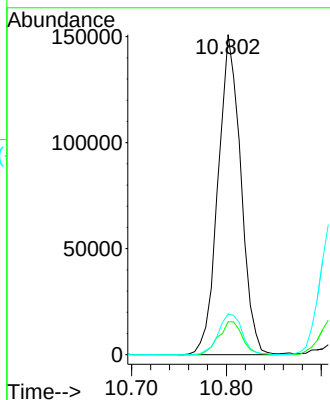
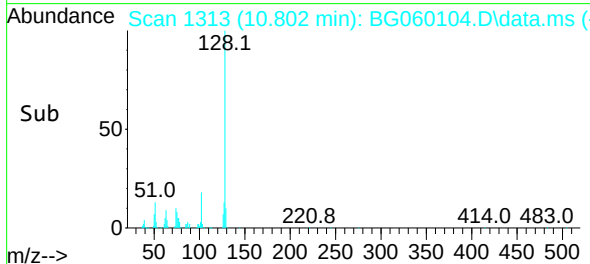
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 252128
Ion Ratio Lower Upper
128 100
129 10.3 9.2 13.8
127 12.7 9.7 14.5

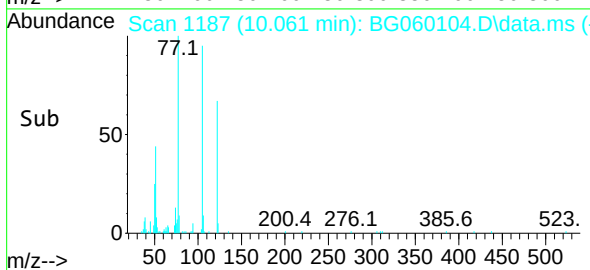
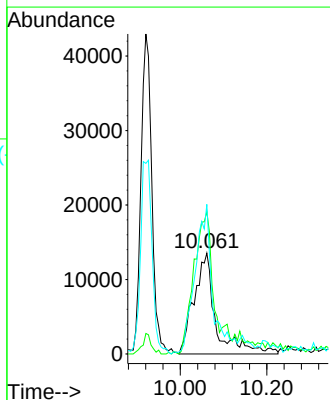
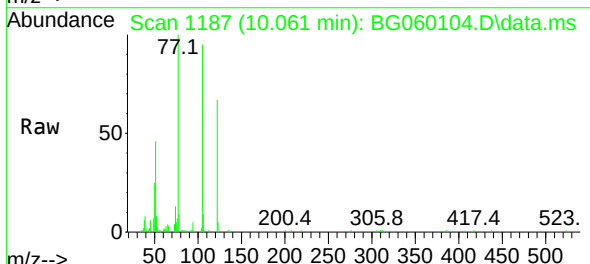
Manual Integrations
APPROVED

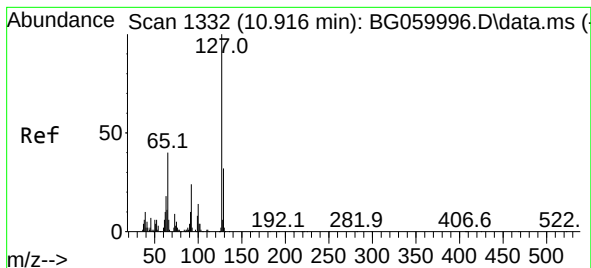
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#32
Benzoic acid
Concen: 37.206 ng m
RT: 10.061 min Scan# 1187
Delta R.T. -0.001 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Tgt Ion:122 Resp: 47453
Ion Ratio Lower Upper
122 100
105 141.3 106.2 146.2
77 148.6 80.4 120.4#





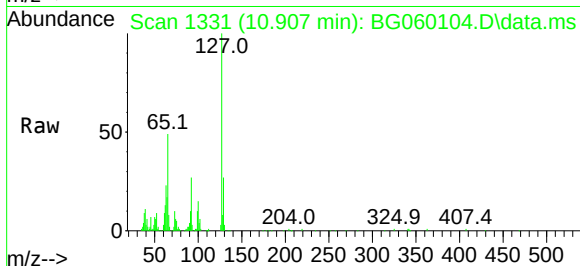
#33
4-Chloroaniline
Concen: 46.051 ng
RT: 10.907 min Scan# 1331
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



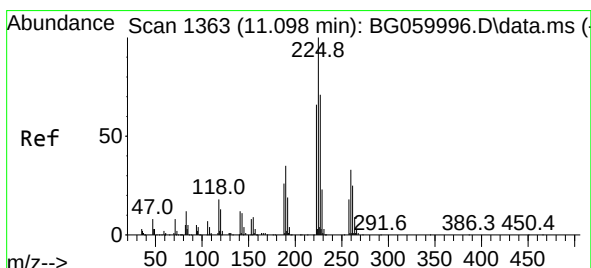
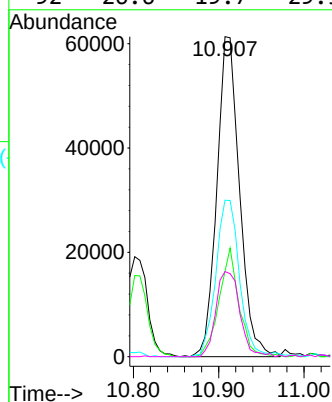
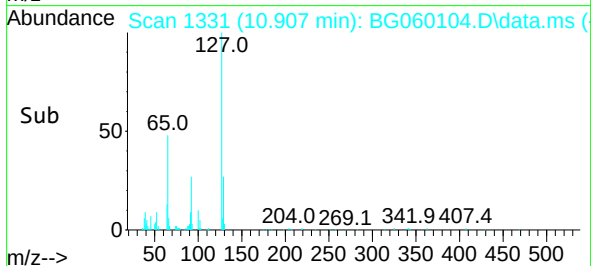
Tgt Ion:127 Resp: 113470
Ion Ratio Lower Upper
127 100
129 26.6 25.7 38.5
65 48.9 32.3 48.5
92 26.6 19.7 29.5

Manual Integrations

APPROVED

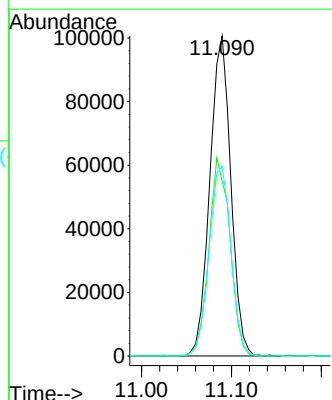
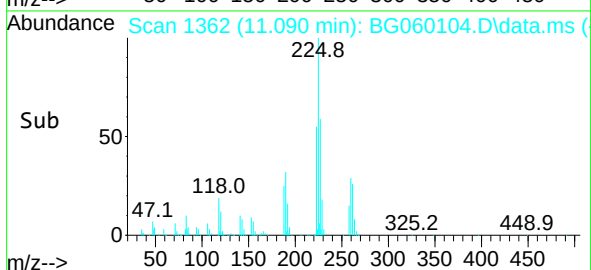
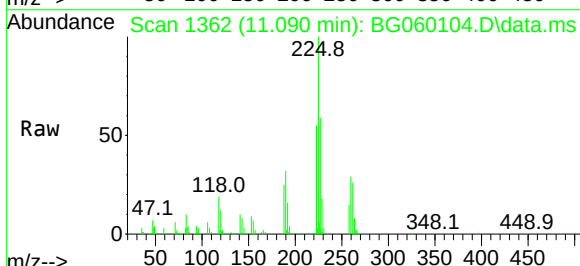
Reviewed By :Yogesh Patel 12/21/2023

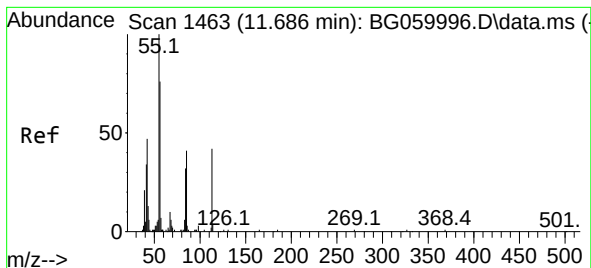
Supervised By :mohammad ahmed 12/21/2023



#34
Hexachlorobutadiene
Concen: 52.205 ng
RT: 11.090 min Scan# 1362
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

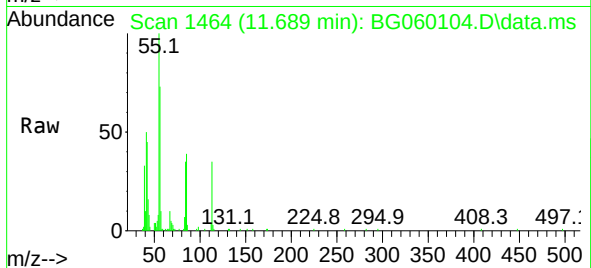
Tgt Ion:225 Resp: 162871
Ion Ratio Lower Upper
225 100
223 54.7 52.4 78.6
227 62.0 56.6 85.0





#35
Caprolactam
Concen: 42.076 ng m
RT: 11.689 min Scan# 1464
Delta R.T. -0.001 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

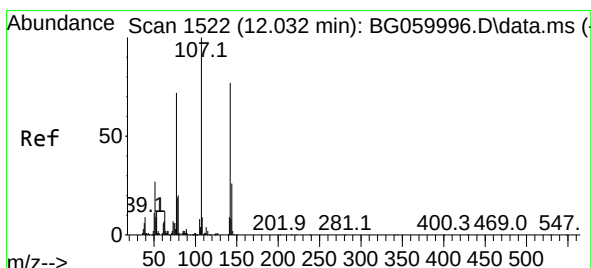
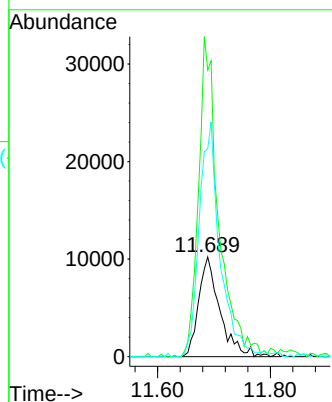
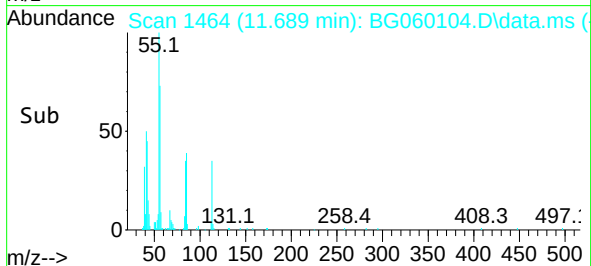
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



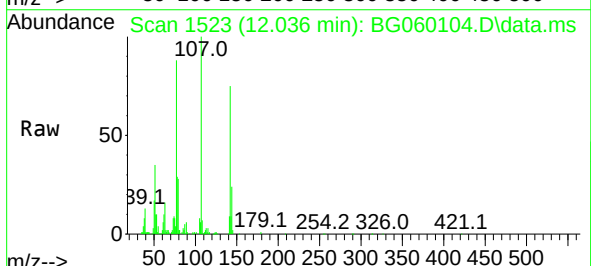
Tgt Ion:113 Resp: 2691
Ion Ratio Lower Upper
113 100
55 287.4 219.5 259.5
56 208.8 161.6 201.6

Manual Integrations
APPROVED

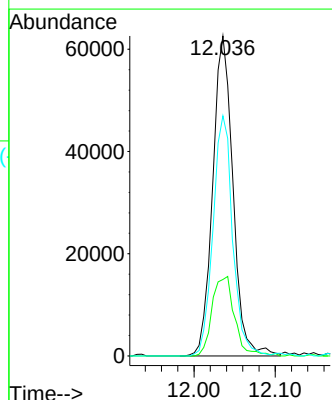
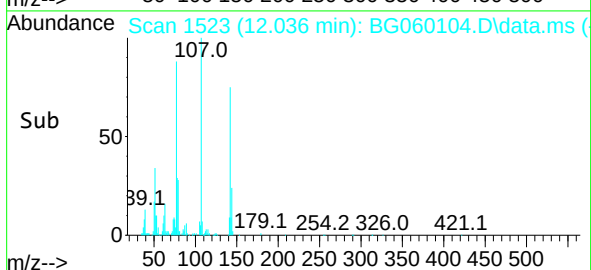
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

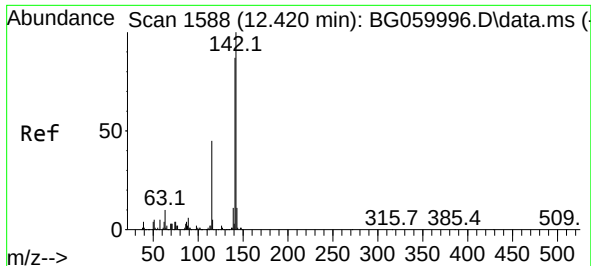


#36
4-Chloro-3-methylphenol
Concen: 47.402 ng
RT: 12.036 min Scan# 1523
Delta R.T. -0.001 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44



Tgt Ion:107 Resp: 108564
Ion Ratio Lower Upper
107 100
144 23.9 20.4 30.6
142 75.0 61.4 92.0





#37

2-Methylnaphthalene

Concen: 45.735 ng

RT: 12.412 min Scan# 1588

Delta R.T. -0.012 min

Lab File: BG060104.D

Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 23230

Ion Ratio Lower Upper

142 100

141 91.1 69.9 104.9

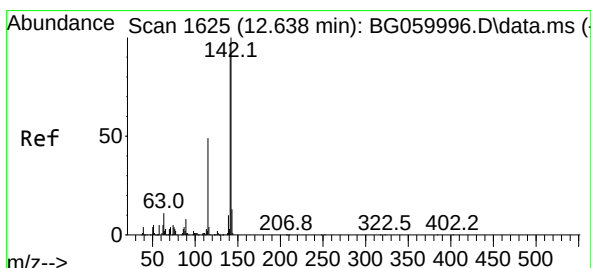
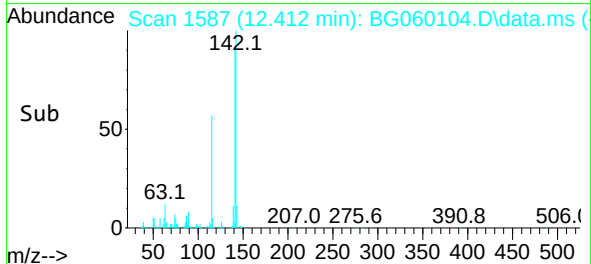
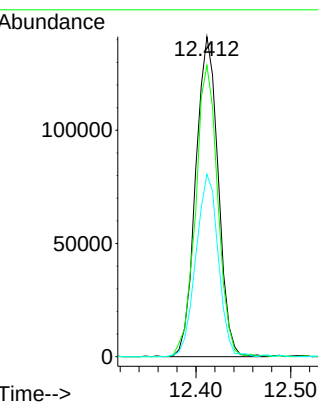
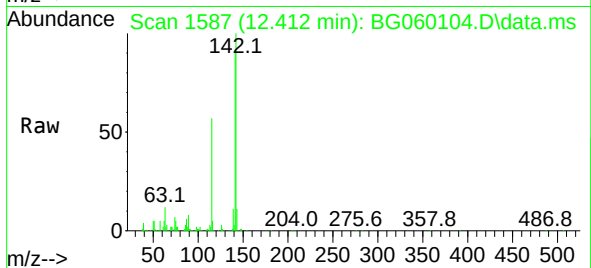
115 57.0 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#38

1-Methylnaphthalene

Concen: 42.111 ng

RT: 12.629 min Scan# 1624

Delta R.T. -0.012 min

Lab File: BG060104.D

Acq: 20 Dec 2023 17:44

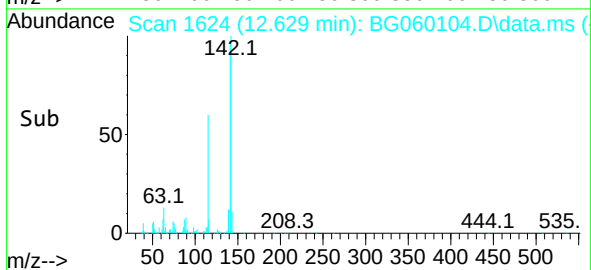
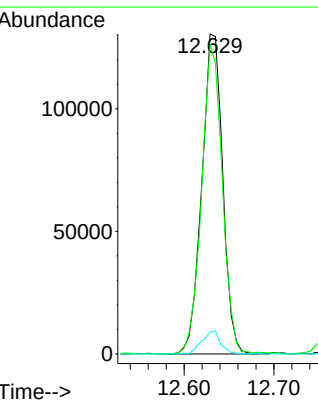
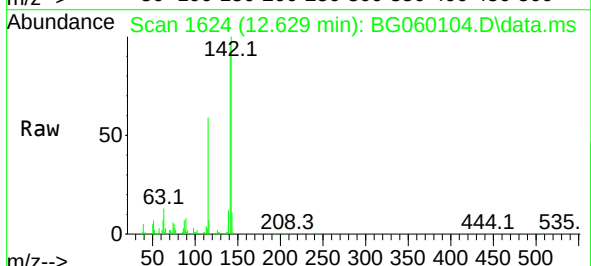
Tgt Ion:142 Resp: 211284

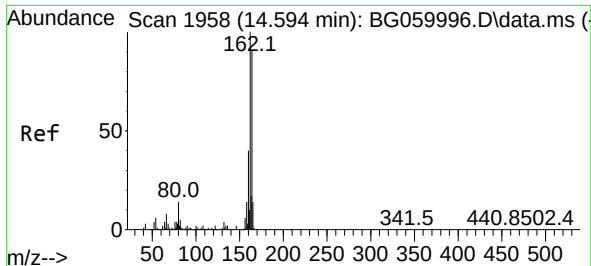
Ion Ratio Lower Upper

142 100

141 96.6 76.9 115.3

116 6.8 3.5 5.3#





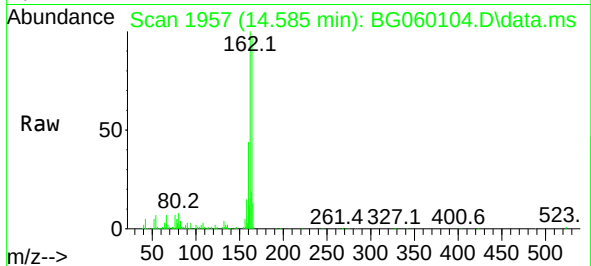
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.585 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



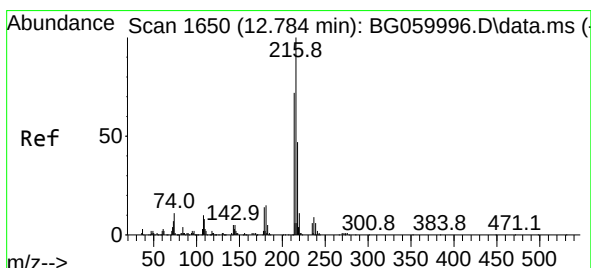
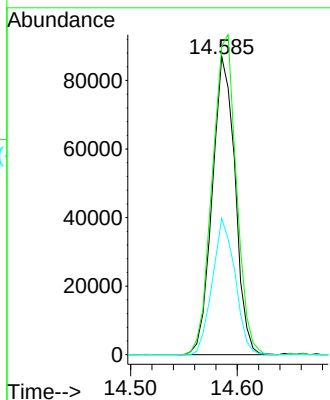
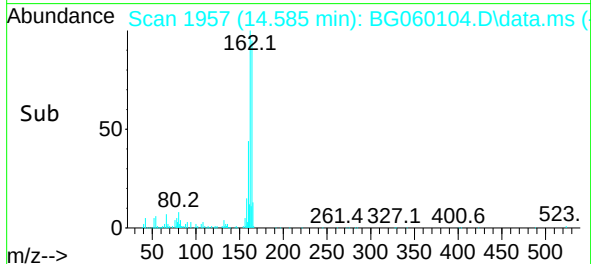
Tgt Ion:164 Resp: 129252
Ion Ratio Lower Upper
164 100
162 103.5 88.1 132.1
160 45.7 35.4 53.0

Manual Integrations

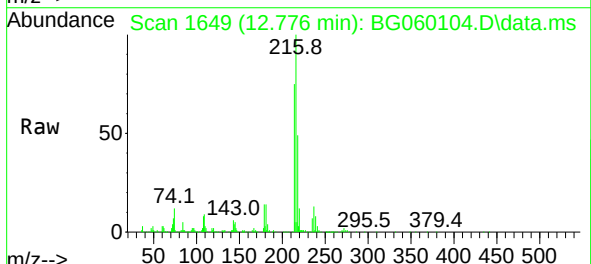
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

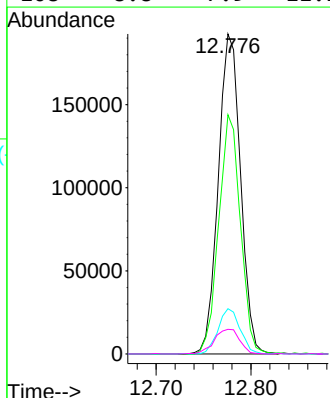
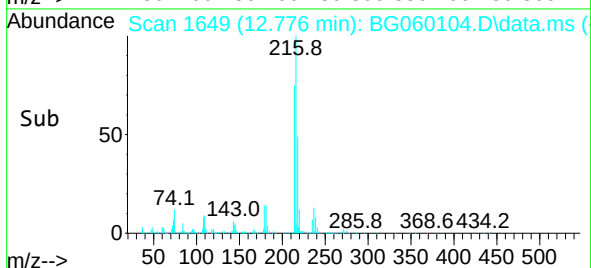
Supervised By :mohammad ahmed 12/21/2023

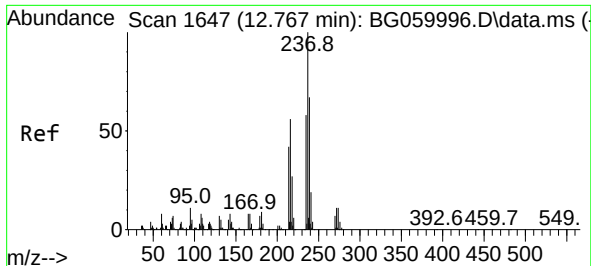


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.639 ng
RT: 12.776 min Scan# 1649
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44



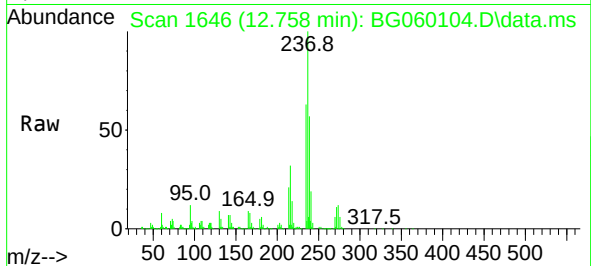
Tgt Ion:216 Resp: 314269
Ion Ratio Lower Upper
216 100
214 72.7 60.3 90.5
179 14.1 11.9 17.9
108 8.8 7.9 11.9





#41
Hexachlorocyclopentadiene
Concen: 62.980 ng
RT: 12.758 min Scan# 10
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

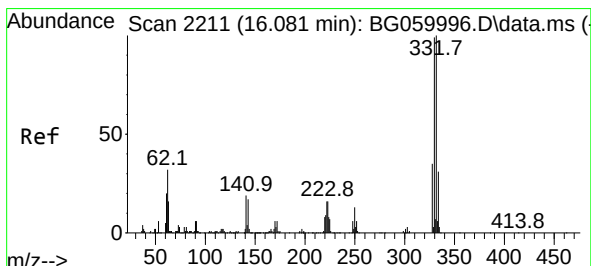
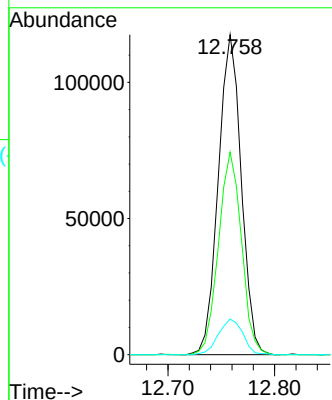
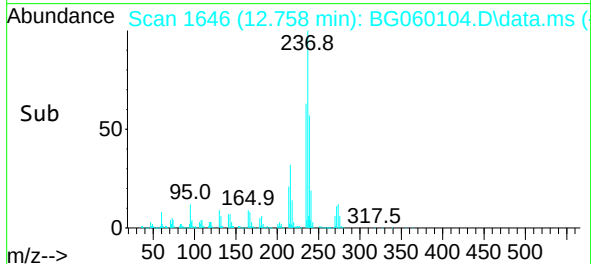
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:237 Resp: 175340
Ion Ratio Lower Upper
237 100
235 63.3 38.5 78.5
272 11.1 0.0 31.2

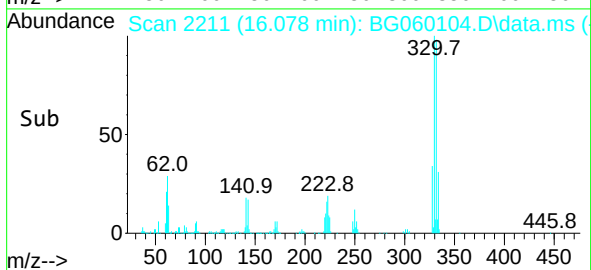
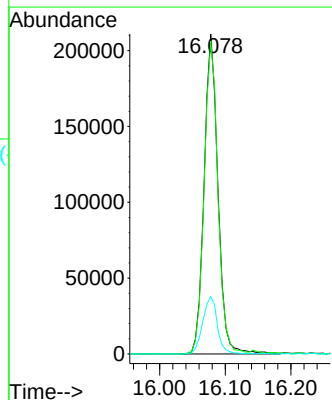
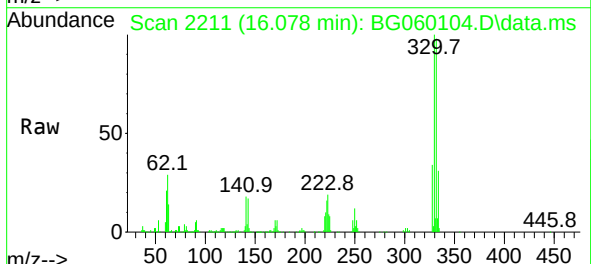
Manual Integrations
APPROVED

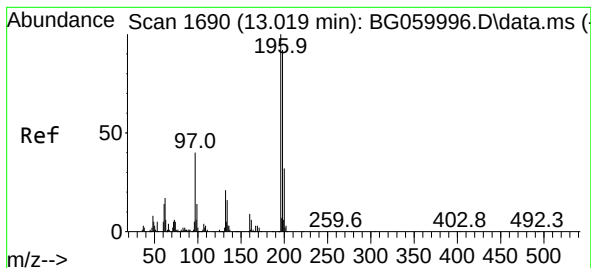
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#42
2,4,6-Tribromophenol
Concen: 102.856 ng
RT: 16.078 min Scan# 2211
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

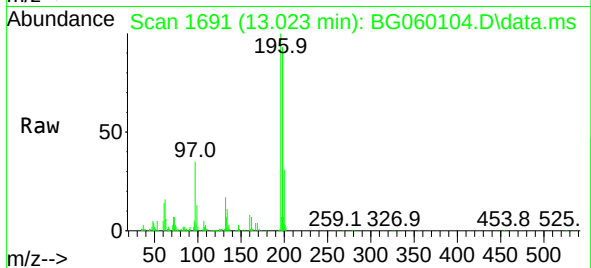
Tgt Ion:330 Resp: 309820
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 19.0 14.3 21.5





#43
2,4,6-Trichlorophenol
Concen: 43.159 ng
RT: 13.023 min Scan# 1690
Delta R.T. -0.001 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

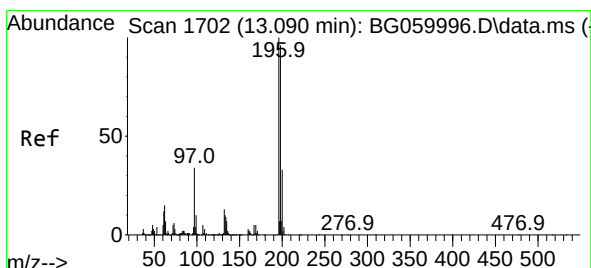
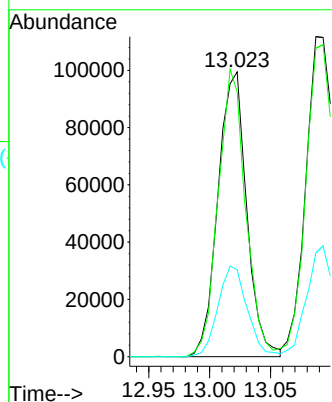
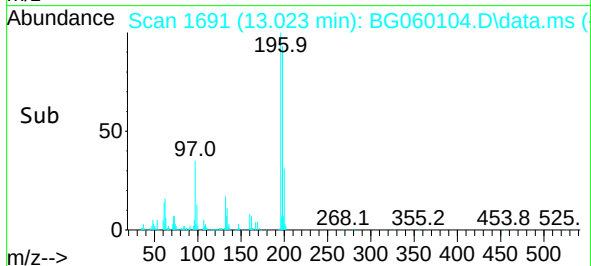
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



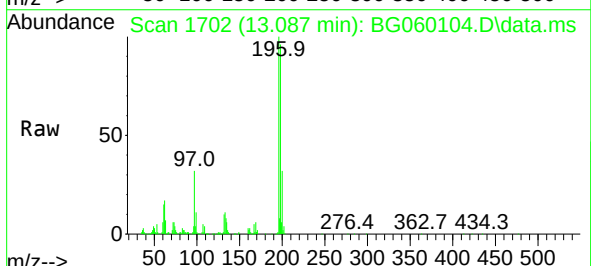
Tgt Ion:196 Resp: 16306
Ion Ratio Lower Upper
196 100
198 93.0 73.4 110.0
200 30.6 26.1 39.1

Manual Integrations
APPROVED

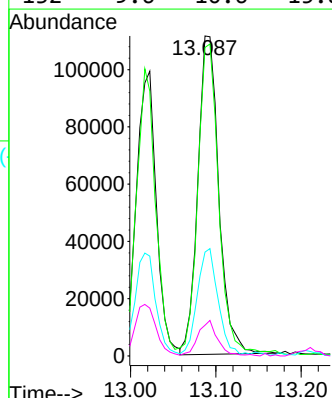
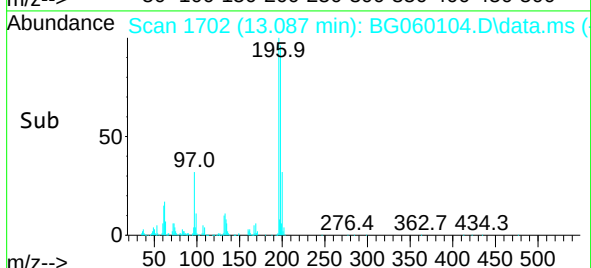
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

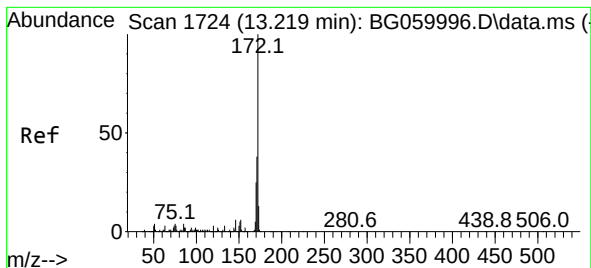


#44
2,4,5-Trichlorophenol
Concen: 46.469 ng
RT: 13.087 min Scan# 1702
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44



Tgt Ion:196 Resp: 190962
Ion Ratio Lower Upper
196 100
198 96.4 76.4 114.6
97 32.5 27.0 40.4
132 9.6 10.6 15.8#





#45
2-Fluorobiphenyl
Concen: 87.168 ng
RT: 13.211 min Scan# 1724
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

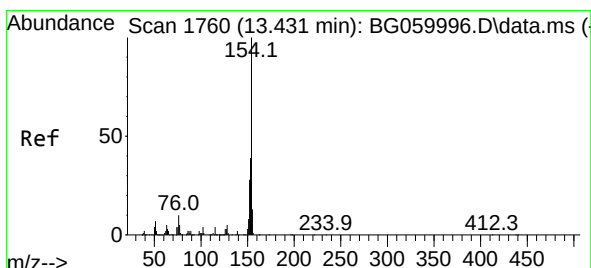
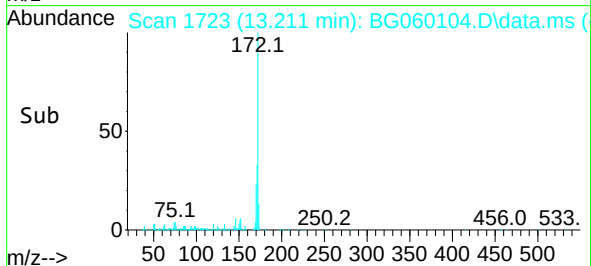
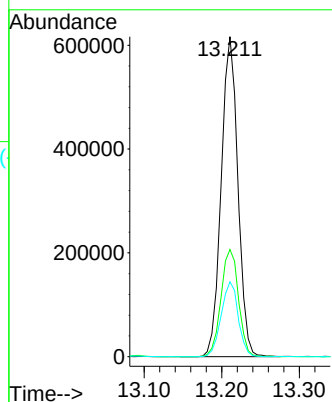
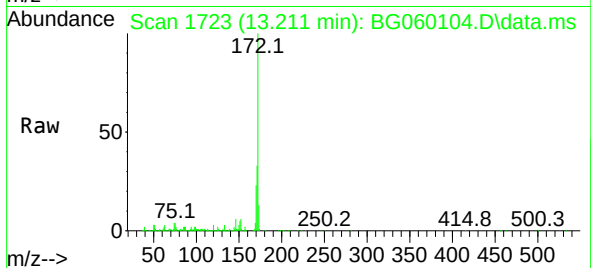
SSTDCCC040

Tgt Ion:172 Resp: 920554
Ion Ratio Lower Upper
172 100
171 33.5 30.1 45.1
170 23.4 20.0 30.0

Manual Integrations

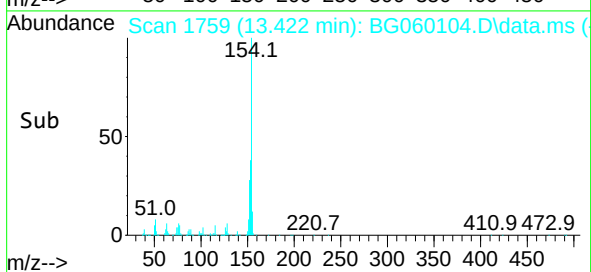
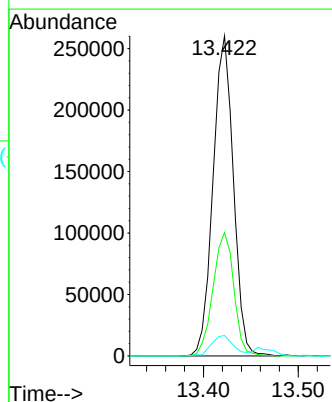
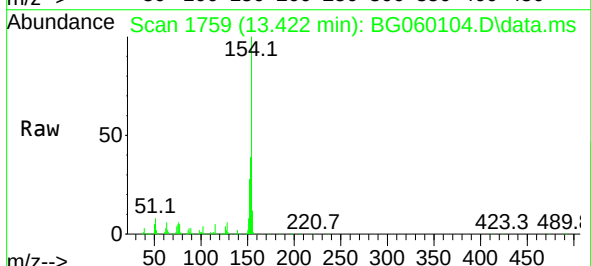
APPROVED

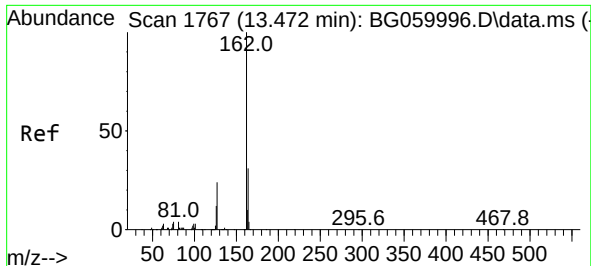
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#46
1,1'-Biphenyl
Concen: 40.462 ng
RT: 13.422 min Scan# 1759
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Tgt Ion:154 Resp: 387846
Ion Ratio Lower Upper
154 100
153 38.6 19.2 59.2
76 6.4 0.0 29.9





#47
2-Chloronaphthalene
Concen: 37.638 ng
RT: 13.463 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

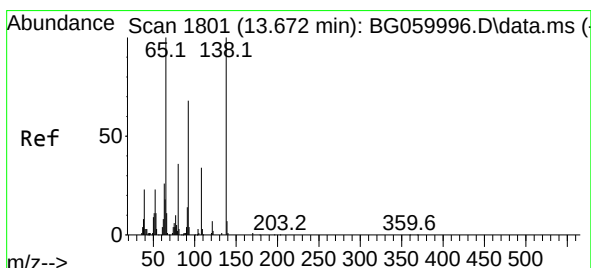
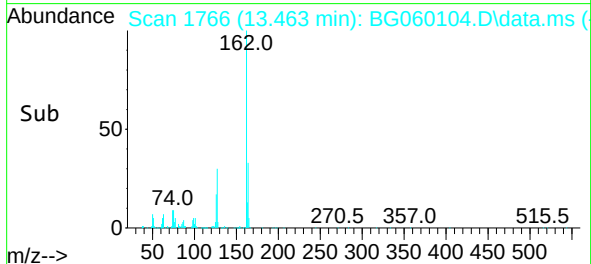
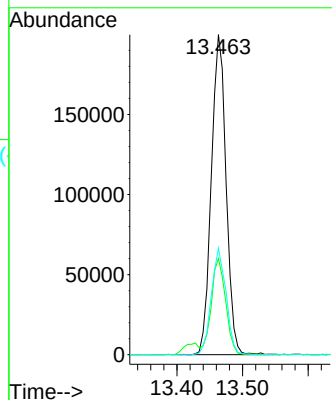
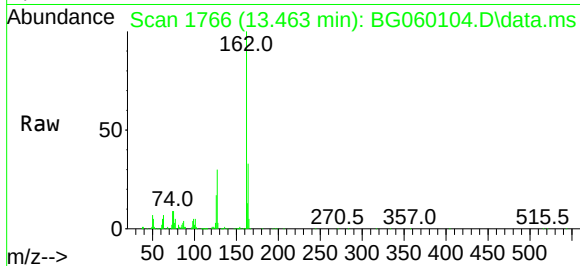
SSTDCCC040

Tgt Ion:162 Resp: 312448
Ion Ratio Lower Upper
162 100
127 30.1 21.8 32.6
164 33.2 25.2 37.8

Manual Integrations

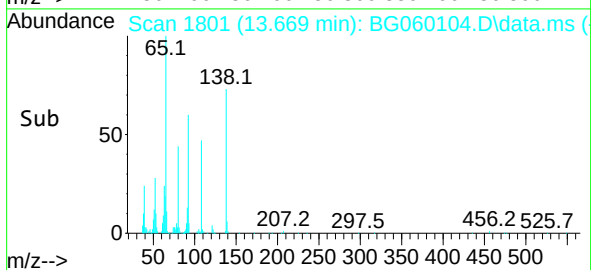
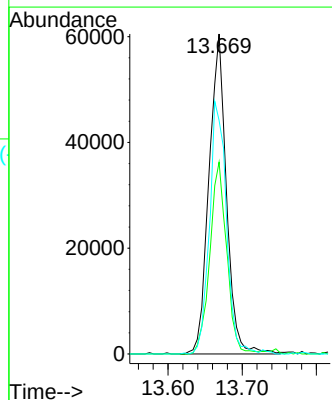
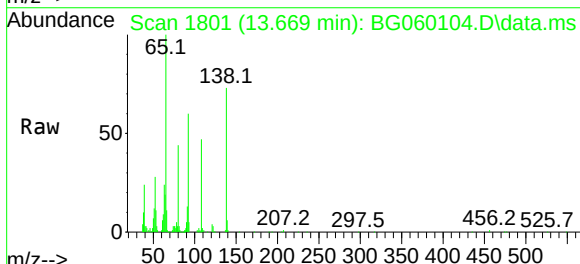
APPROVED

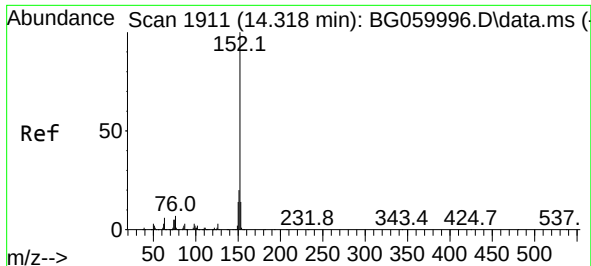
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#48
2-Nitroaniline
Concen: 55.157 ng
RT: 13.669 min Scan# 1801
Delta R.T. -0.001 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Tgt Ion: 65 Resp: 98841
Ion Ratio Lower Upper
65 100
92 60.0 54.6 81.8
138 73.0 80.2 120.2#





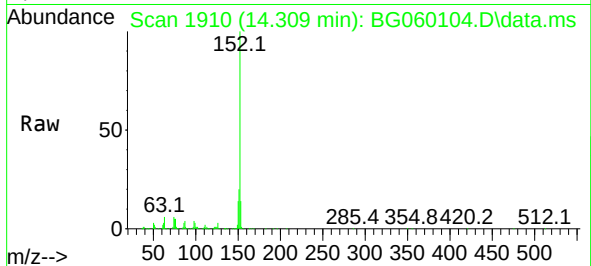
#49
Acenaphthylene
Concen: 41.345 ng
RT: 14.309 min Scan# 1911
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

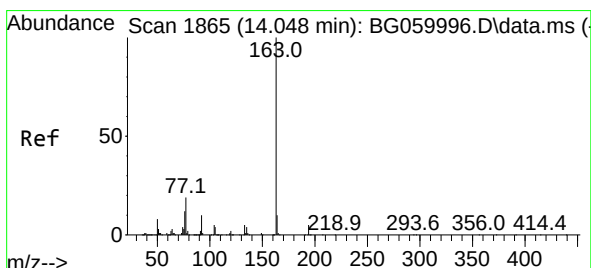
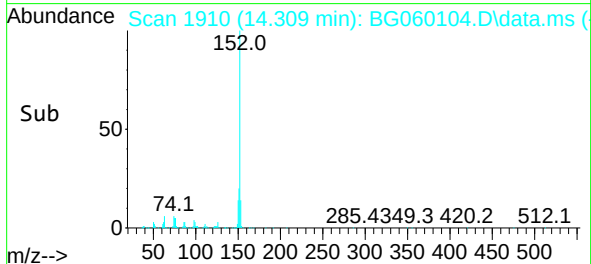
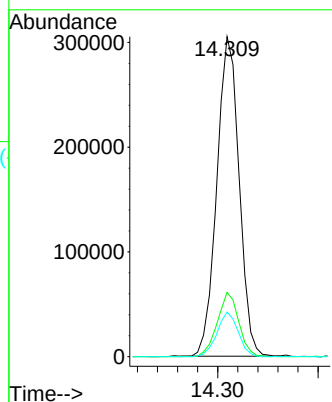


Tgt Ion:152 Resp: 469485
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 14.0 11.0 16.4

Manual Integrations

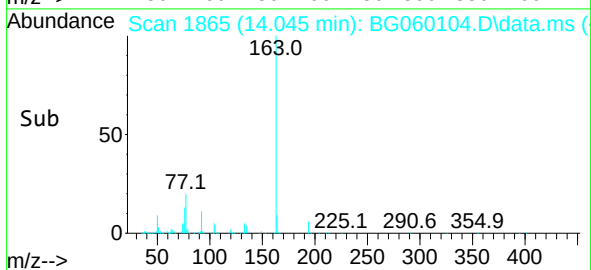
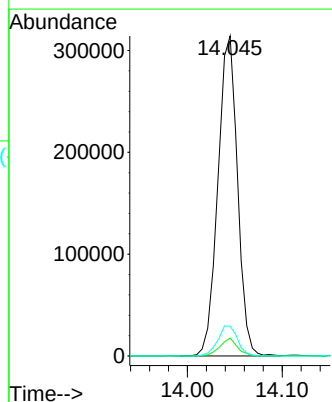
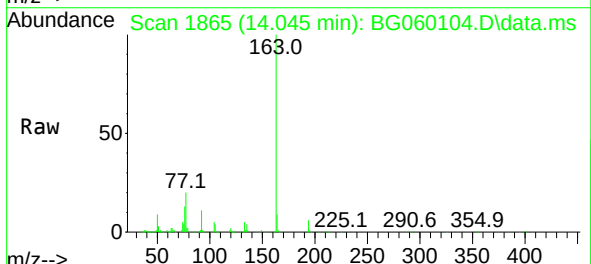
APPROVED

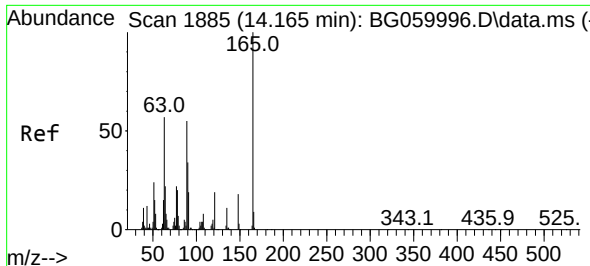
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#50
Dimethylphthalate
Concen: 45.040 ng
RT: 14.045 min Scan# 1865
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Tgt Ion:163 Resp: 451872
Ion Ratio Lower Upper
163 100
194 5.6 3.7 5.5#
164 9.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 46.668 ng
RT: 14.162 min Scan# 1885
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

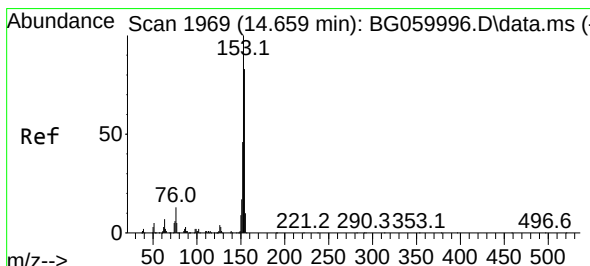
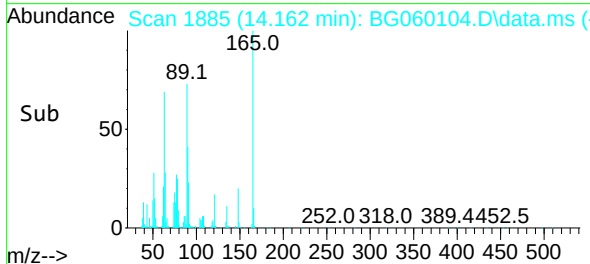
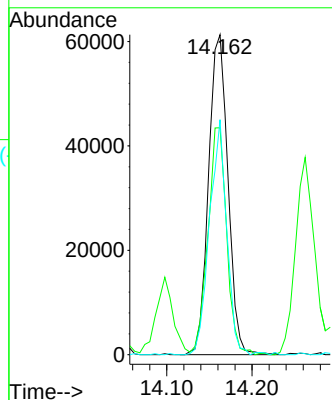
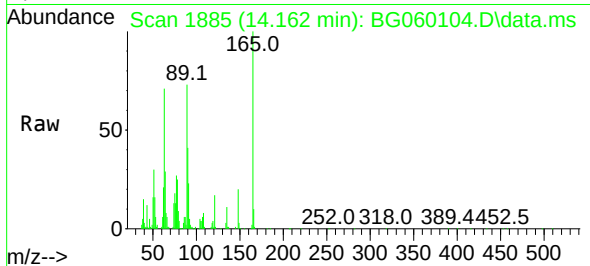
SSTDCCC040

Tgt Ion:165 Resp: 96989
Ion Ratio Lower Upper
165 100
63 70.9 48.2 72.2
89 73.4 44.4 66.6

Manual Integrations

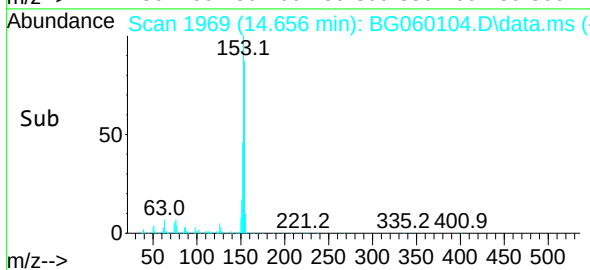
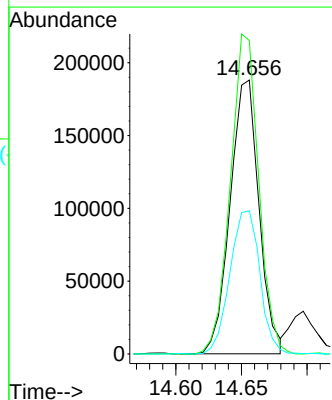
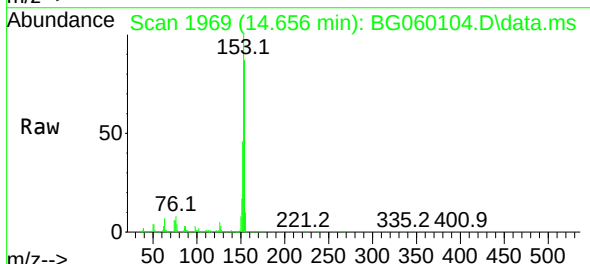
APPROVED

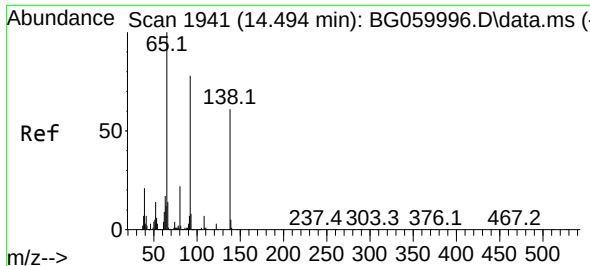
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#52
Acenaphthene
Concen: 36.818 ng
RT: 14.656 min Scan# 1969
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Tgt Ion:154 Resp: 287787
Ion Ratio Lower Upper
154 100
153 114.4 96.0 144.0
152 52.2 44.3 66.5





#53
3-Nitroaniline
Concen: 38.816 ng
RT: 14.497 min Scan# 1941
Delta R.T. -0.001 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

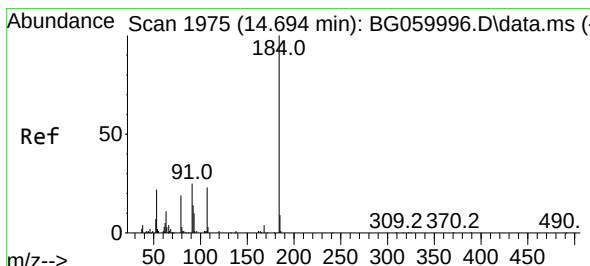
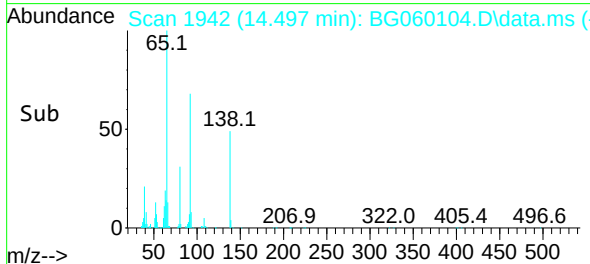
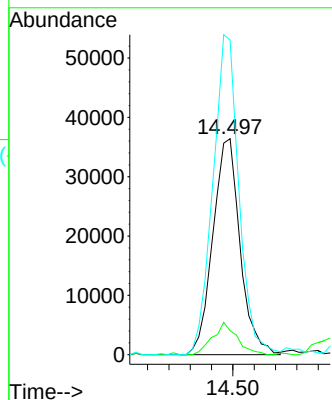
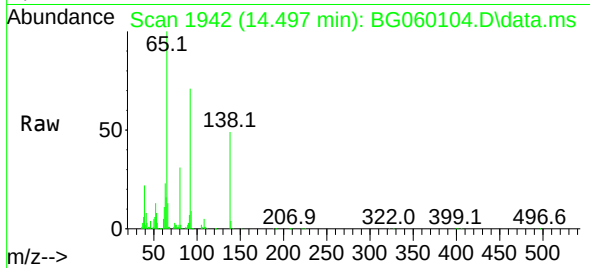
ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 64462
Ion Ratio Lower Upper
138 100
108 11.1 8.9 13.3
92 145.6 102.1 153.1

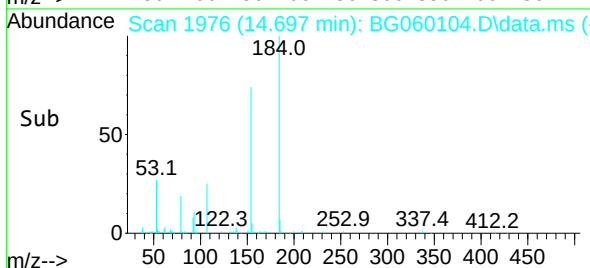
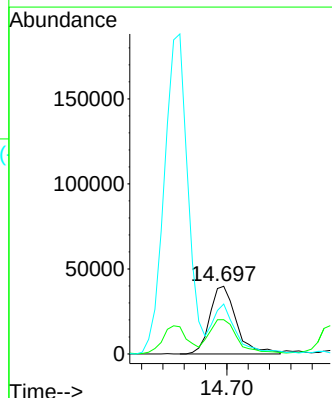
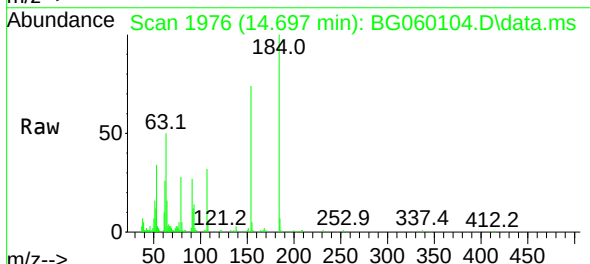
Manual Integrations
APPROVED

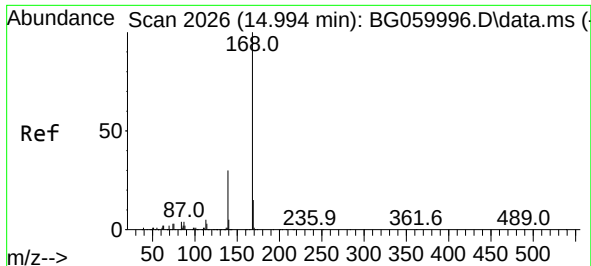
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#54
2,4-Dinitrophenol
Concen: 44.679 ng
RT: 14.697 min Scan# 1976
Delta R.T. -0.001 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Tgt Ion:184 Resp: 68413
Ion Ratio Lower Upper
184 100
63 50.5 35.5 53.3
154 73.8 36.7 55.1#





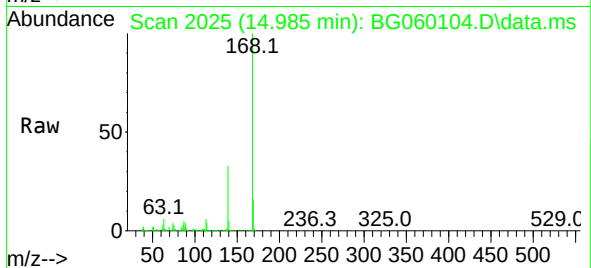
#55
Dibenzenofuran
Concen: 43.609 ng
RT: 14.985 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



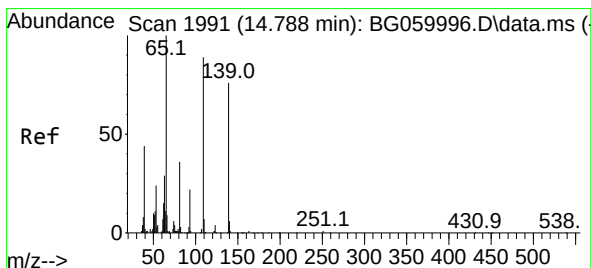
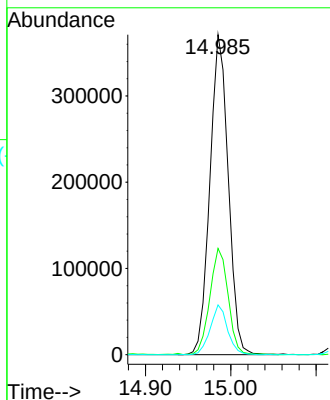
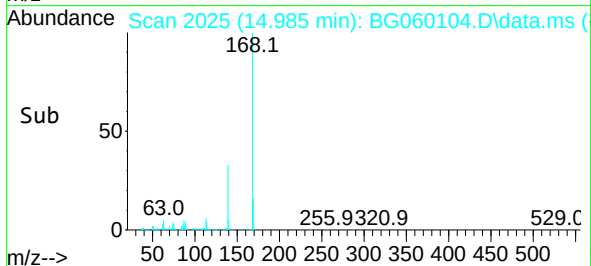
Tgt Ion:168 Resp: 554808
Ion Ratio Lower Upper
168 100
139 33.2 24.0 36.0
169 15.6 11.8 17.8

Manual Integrations

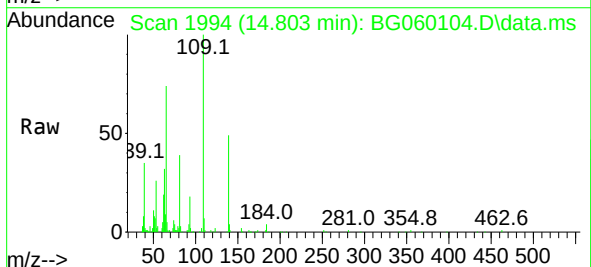
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

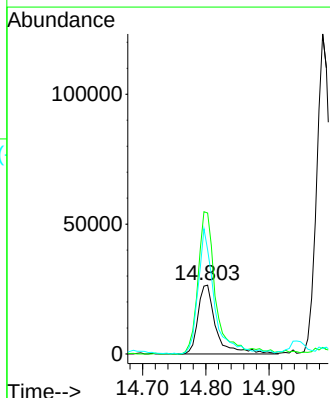
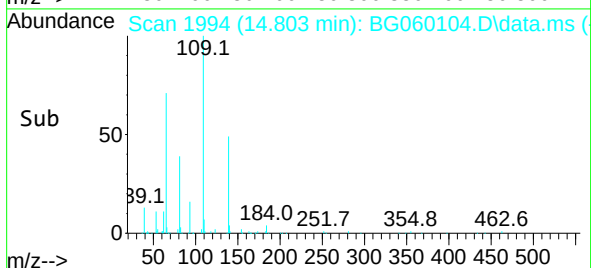
Supervised By :mohammad ahmed 12/21/2023

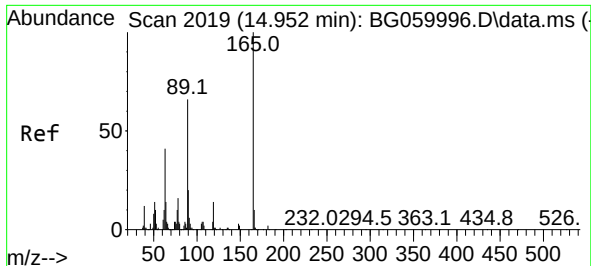


#56
4-Nitrophenol
Concen: 37.731 ng
RT: 14.803 min Scan# 1994
Delta R.T. 0.011 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44



Tgt Ion:139 Resp: 52663
Ion Ratio Lower Upper
139 100
109 204.8 97.2 137.2#
65 151.0 112.2 152.2





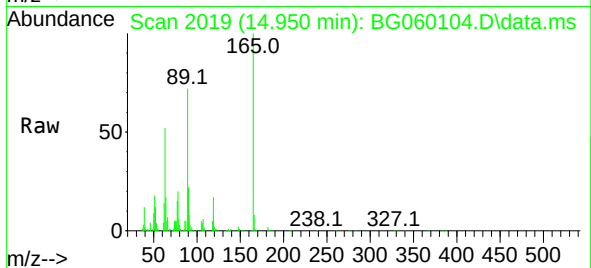
#57
2,4-Dinitrotoluene
Concen: 47.944 ng
RT: 14.950 min Scan# 2019
Delta R.T. -0.001 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

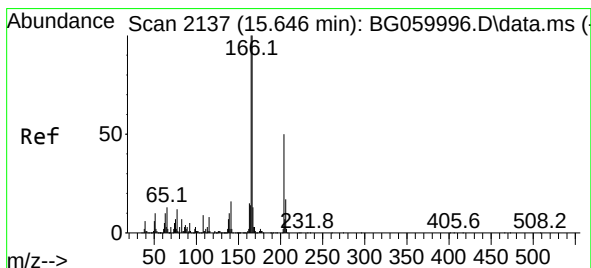
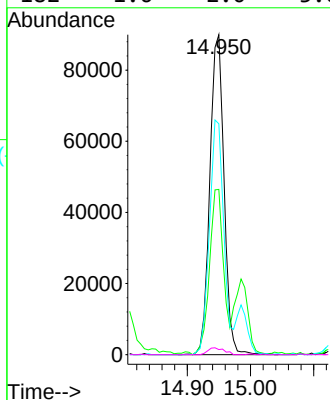
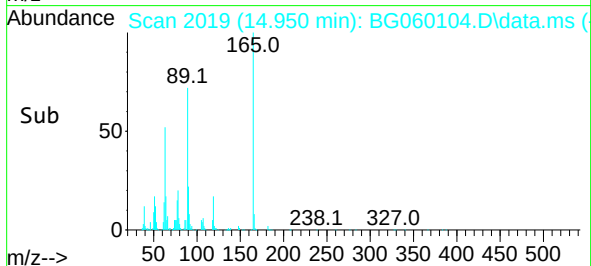


Tgt Ion:165 Resp: 140068
Ion Ratio Lower Upper
165 100
63 51.7 32.8 49.2
89 72.2 53.0 79.6
182 1.6 2.0 3.0#

Manual Integrations

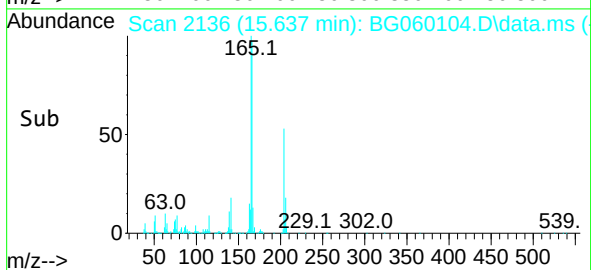
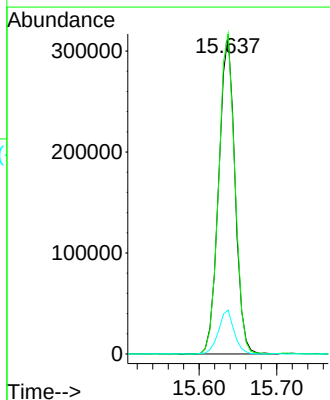
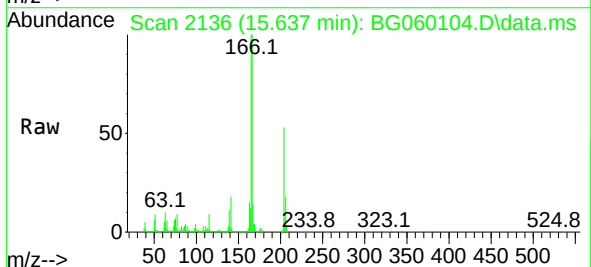
APPROVED

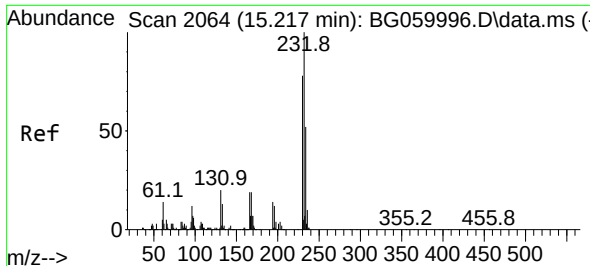
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#58
Fluorene
Concen: 42.787 ng
RT: 15.637 min Scan# 2136
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Tgt Ion:166 Resp: 459025
Ion Ratio Lower Upper
166 100
165 100.1 80.2 120.2
167 13.7 10.3 15.5





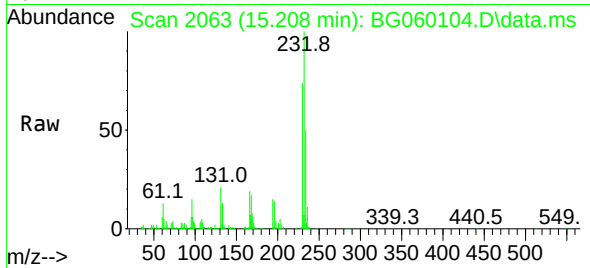
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.366 ng
RT: 15.208 min Scan# 2063
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

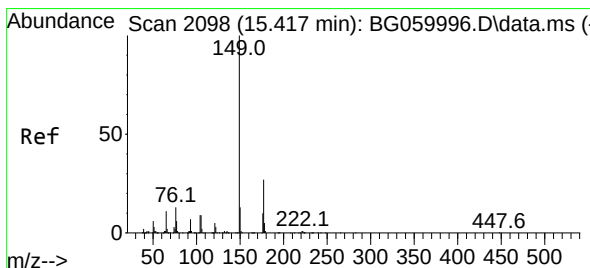
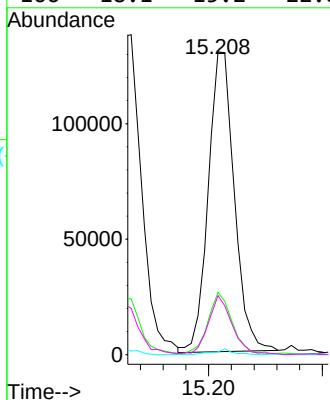
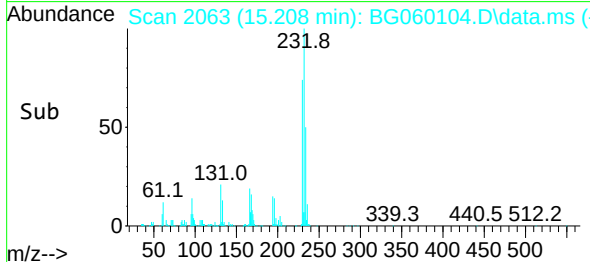


Tgt Ion:232 Resp: 20689
Ion Ratio Lower Upper
232 100
131 18.7 17.6 26.4
130 1.4 1.0 1.6
166 18.1 15.2 22.8

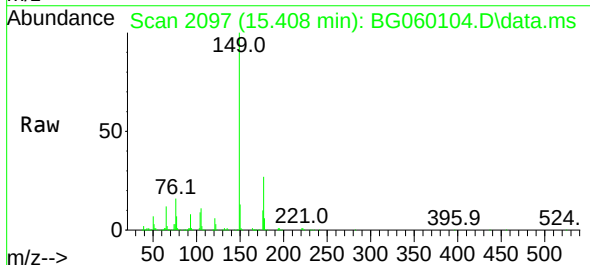
Manual Integrations

APPROVED

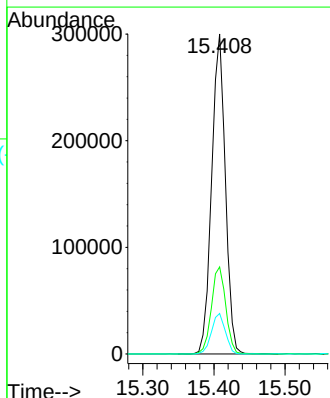
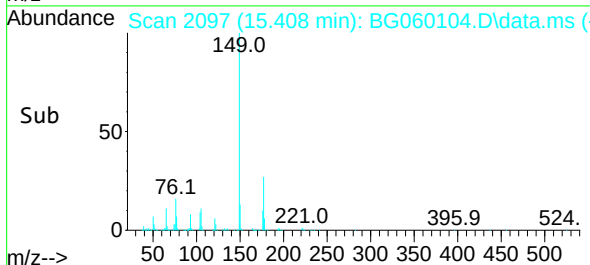
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

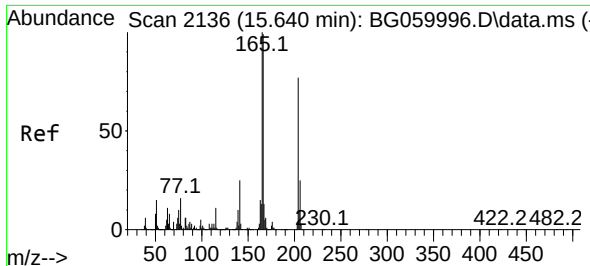


#60
Diethylphthalate
Concen: 43.516 ng
RT: 15.408 min Scan# 2097
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44



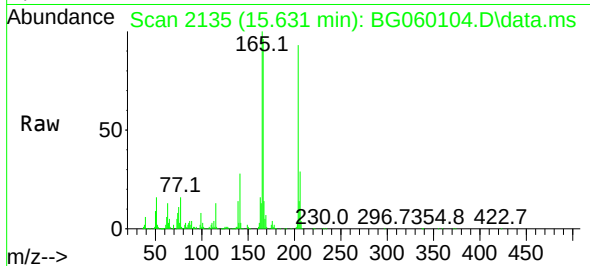
Tgt Ion:149 Resp: 401705
Ion Ratio Lower Upper
149 100
177 27.2 21.5 32.3
150 12.7 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 49.046 ng
RT: 15.631 min Scan# 2135
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

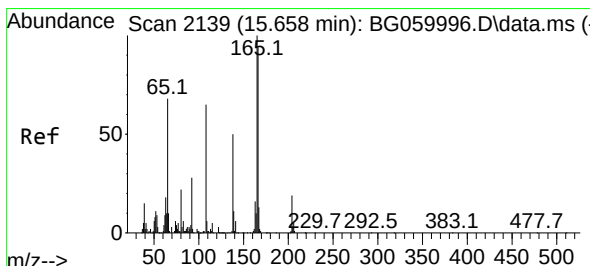
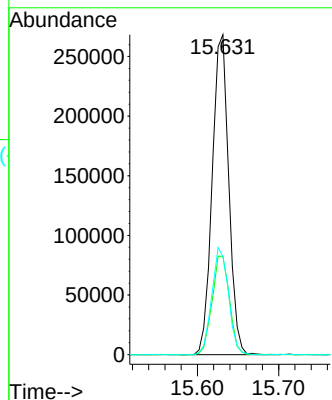
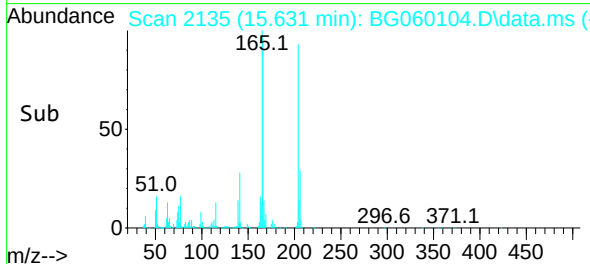
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 37895
Ion Ratio Lower Upper
204 100
206 30.7 25.9 38.9
141 30.7 25.6 38.4

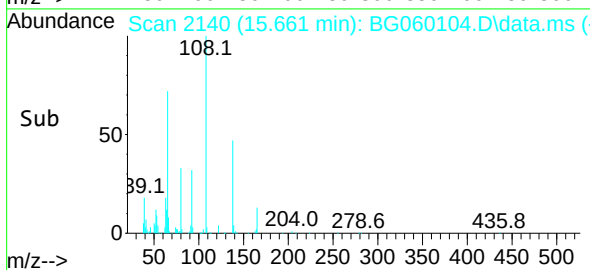
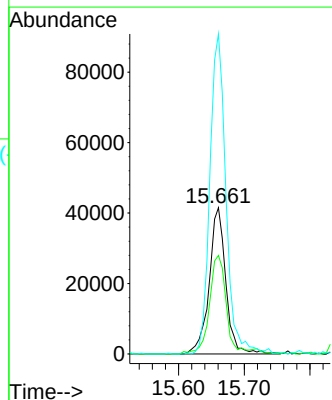
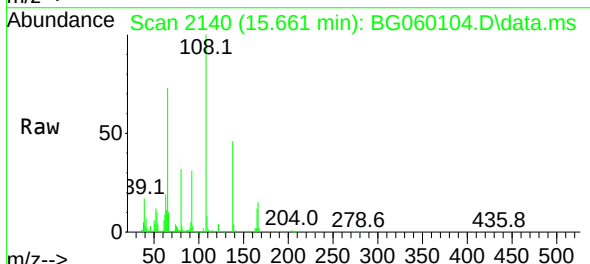
Manual Integrations
APPROVED

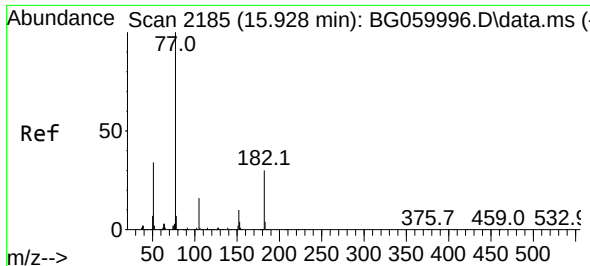
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#62
4-Nitroaniline
Concen: 40.654 ng
RT: 15.661 min Scan# 2140
Delta R.T. -0.001 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Tgt Ion:138 Resp: 73517
Ion Ratio Lower Upper
138 100
92 67.4 36.3 76.3
108 218.8 109.3 149.3#





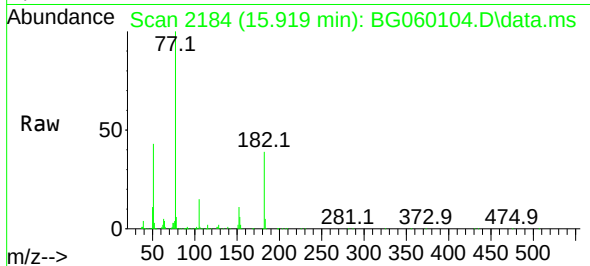
#63
Azobenzene
Concen: 38.569 ng
RT: 15.919 min Scan# 2184
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

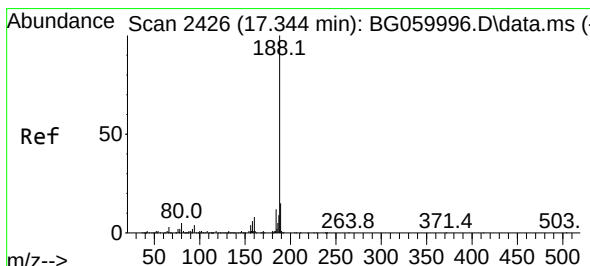
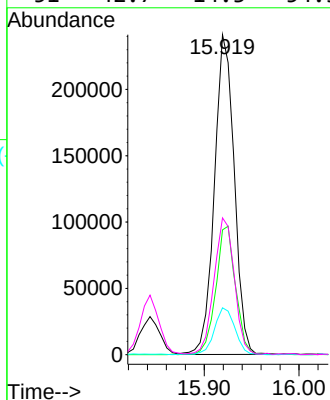
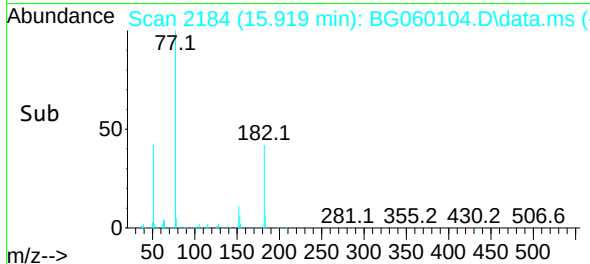


Tgt Ion: 77 Resp: 351024
Ion Ratio Lower Upper
77 100
182 39.0 10.2 50.2
105 14.6 0.0 36.5
51 42.7 14.3 54.3

Manual Integrations

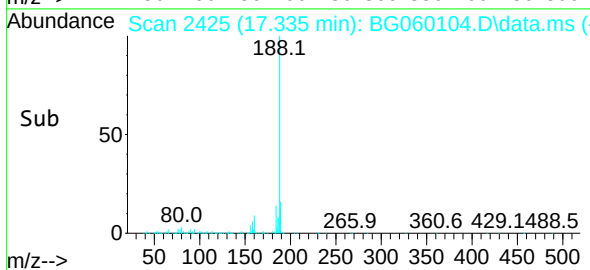
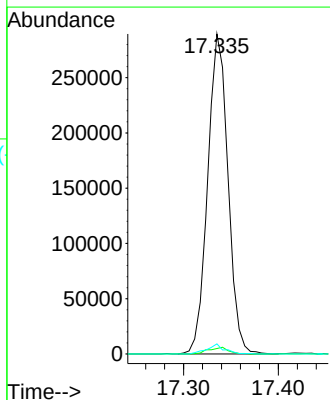
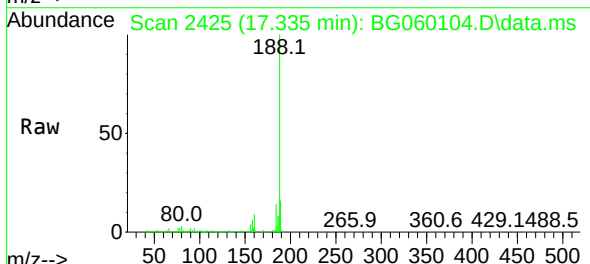
APPROVED

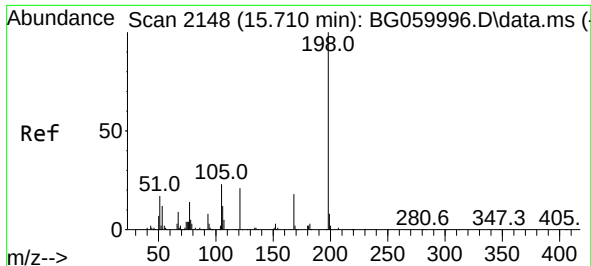
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.335 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Tgt Ion:188 Resp: 431083
Ion Ratio Lower Upper
188 100
94 1.7 3.0 4.6#
80 3.1 4.0 6.0#





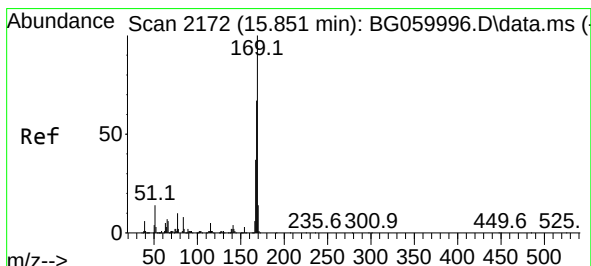
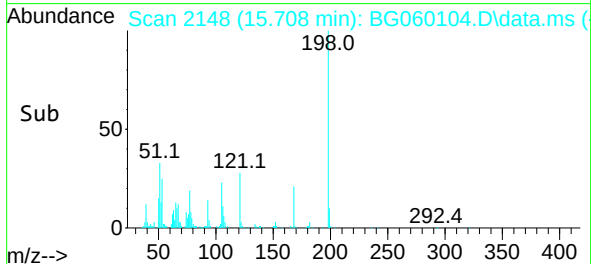
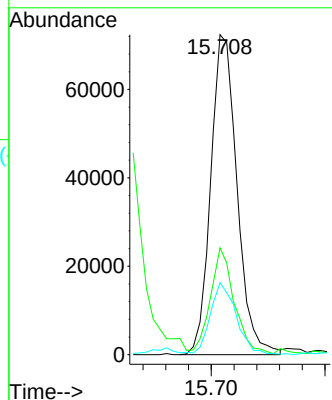
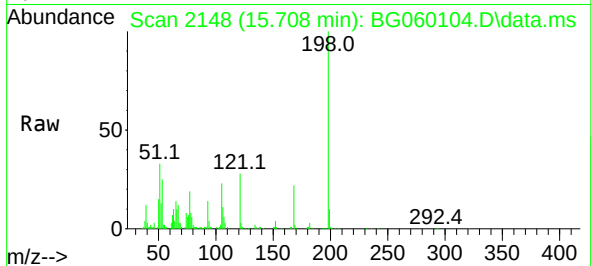
#65
4,6-Dinitro-2-methylphenol
Concen: 43.061 ng
RT: 15.708 min Scan# 2148
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 11638
Ion Ratio Lower Upper
198 100
51 33.4 0.0 39.7
105 22.5 3.3 43.3

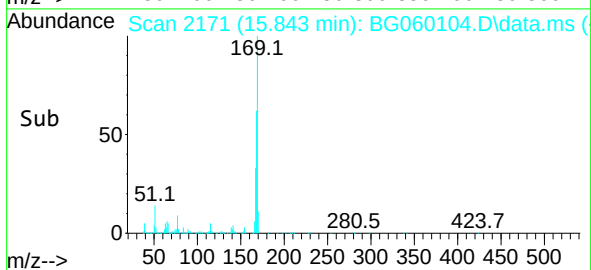
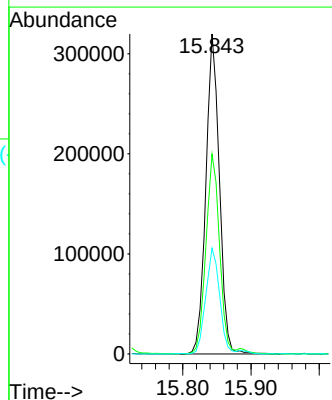
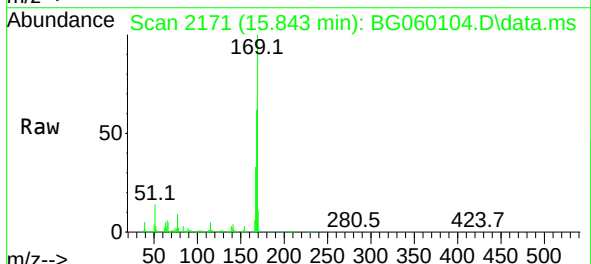
Manual Integrations
APPROVED

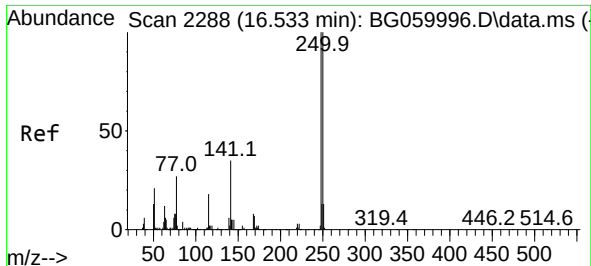
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#66
n-Nitrosodiphenylamine
Concen: 41.904 ng
RT: 15.843 min Scan# 2171
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Tgt Ion:169 Resp: 441298
Ion Ratio Lower Upper
169 100
168 62.4 53.4 80.2
167 33.0 30.0 45.0





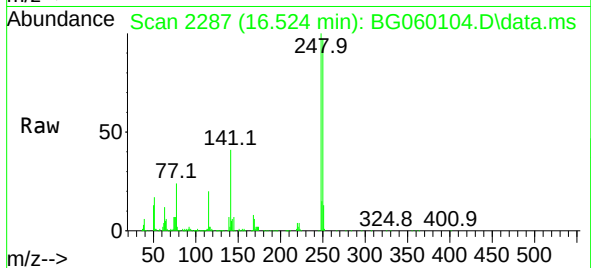
#67
4-Bromophenyl-phenylether
Concen: 46.660 ng
RT: 16.524 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

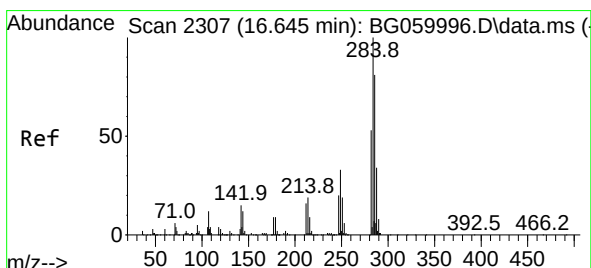
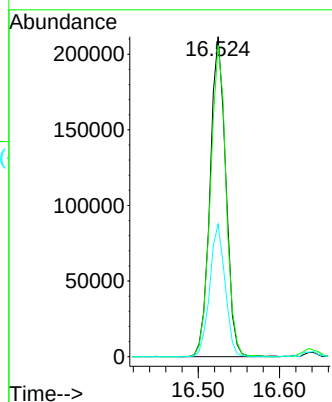
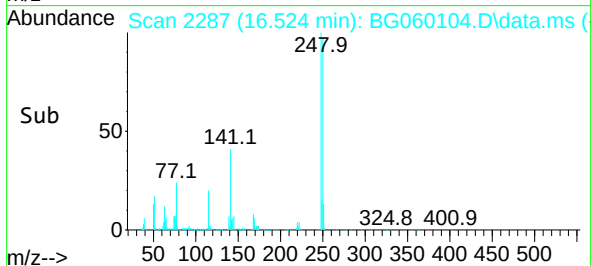


Tgt Ion:248 Resp: 283790
Ion Ratio Lower Upper
248 100
250 97.3 79.9 119.9
141 41.4 28.3 42.5

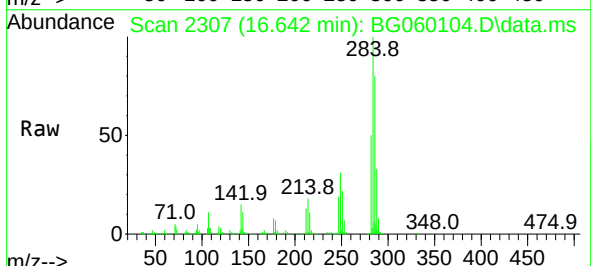
Manual Integrations

APPROVED

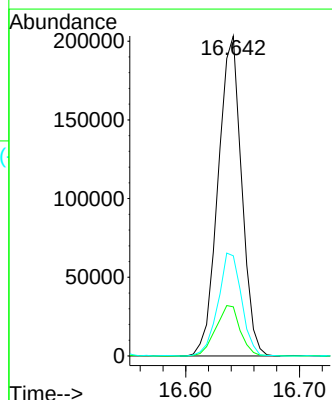
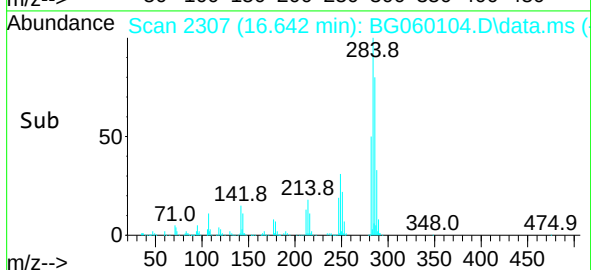
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

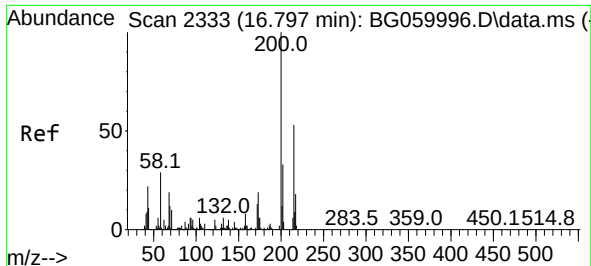


#68
Hexachlorobenzene
Concen: 41.077 ng
RT: 16.642 min Scan# 2307
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44



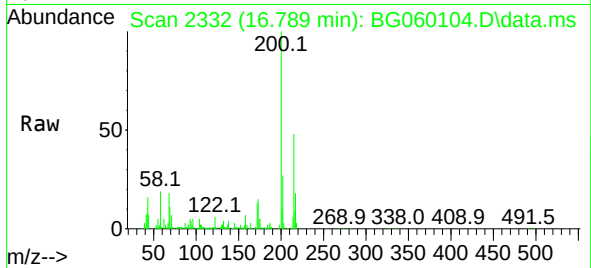
Tgt Ion:284 Resp: 292068
Ion Ratio Lower Upper
284 100
142 15.3 11.7 17.5
249 31.3 26.1 39.1





#69
 Atrazine
 Concen: 34.344 ng
 RT: 16.789 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG060104.D
 Acq: 20 Dec 2023 17:44

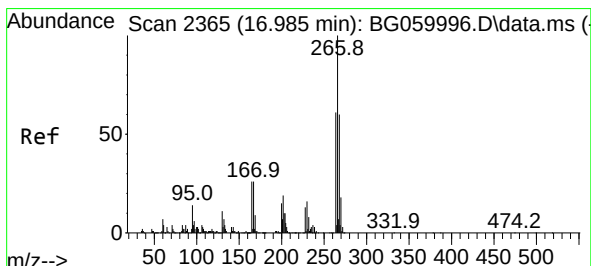
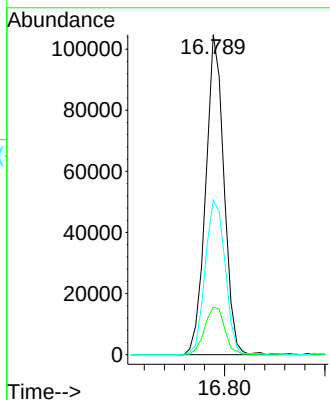
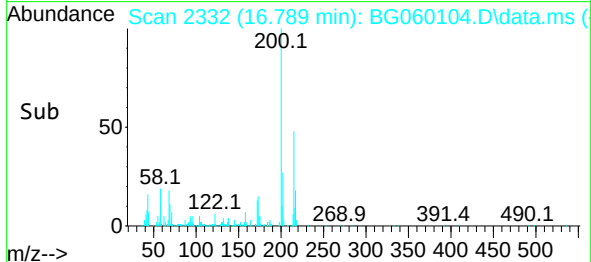
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040



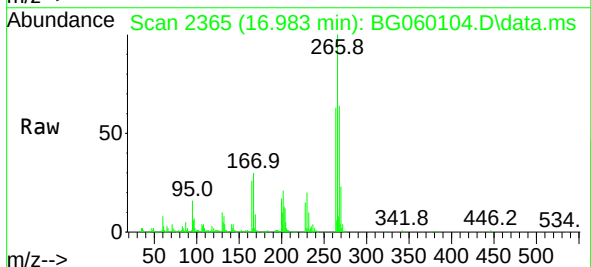
Tgt Ion:200 Resp: 13212
 Ion Ratio Lower Upper
 200 100
 173 14.8 0.0 39.3
 215 48.3 33.1 73.1

Manual Integrations
 APPROVED

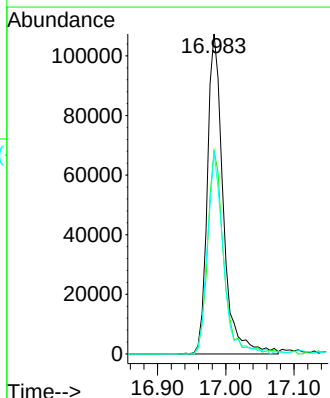
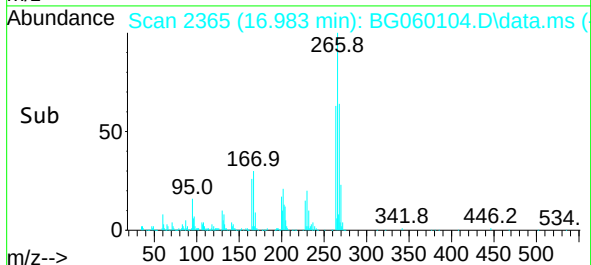
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

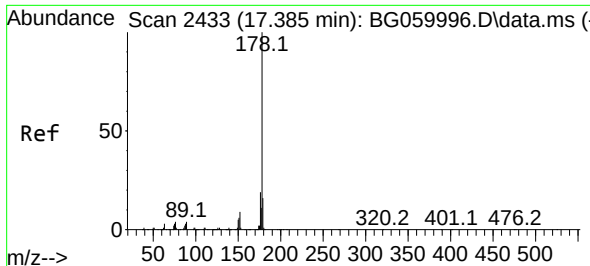


#70
 Pentachlorophenol
 Concen: 37.710 ng
 RT: 16.983 min Scan# 2365
 Delta R.T. -0.007 min
 Lab File: BG060104.D
 Acq: 20 Dec 2023 17:44



Tgt Ion:266 Resp: 173700
 Ion Ratio Lower Upper
 266 100
 268 63.5 47.9 71.9
 264 63.4 48.8 73.2





#71
Phenanthrene
Concen: 41.011 ng
RT: 17.382 min Scan# 2433
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

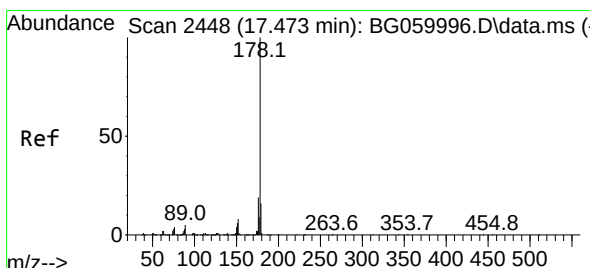
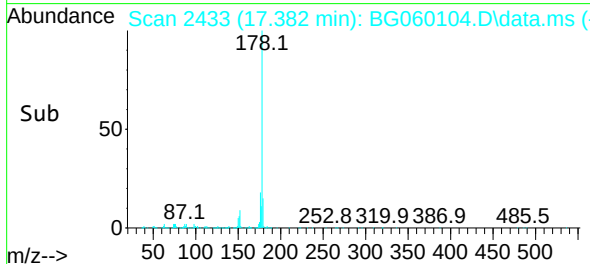
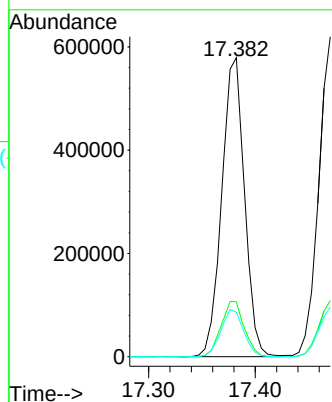
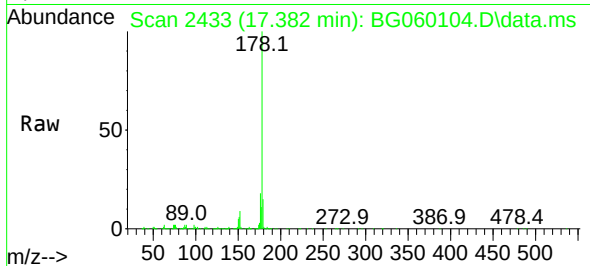
SSTDCCC040

Tgt Ion:178 Resp: 856324
Ion Ratio Lower Upper
178 100
176 18.4 15.6 23.4
179 14.9 12.6 19.0

Manual Integrations

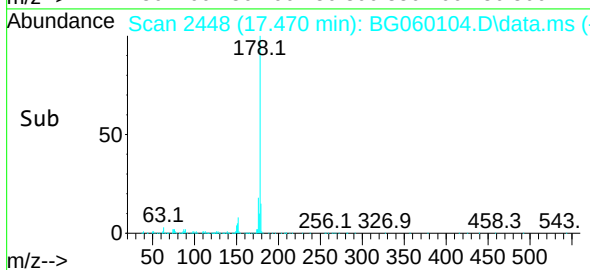
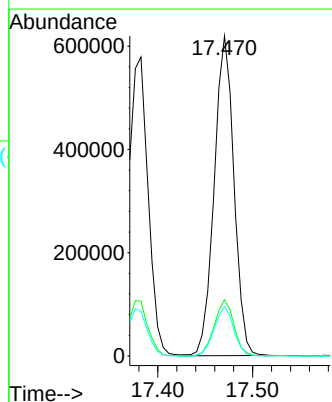
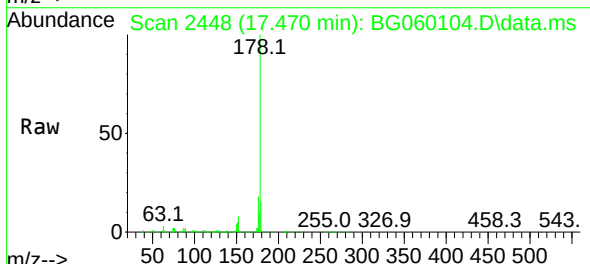
APPROVED

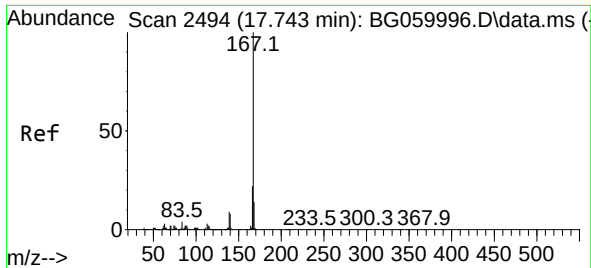
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#72
Anthracene
Concen: 42.596 ng
RT: 17.470 min Scan# 2448
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Tgt Ion:178 Resp: 894280
Ion Ratio Lower Upper
178 100
176 17.6 15.0 22.6
179 15.5 12.6 19.0





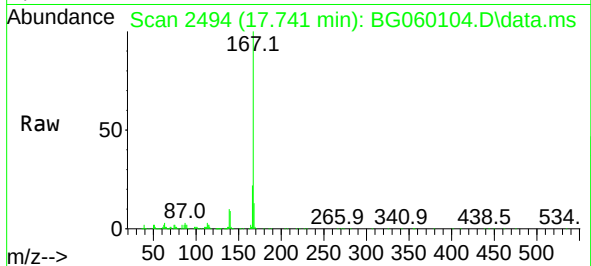
#73
 Carbazole
 Concen: 37.492 ng
 RT: 17.741 min Scan# 2494
 Delta R.T. -0.007 min
 Lab File: BG060104.D
 Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



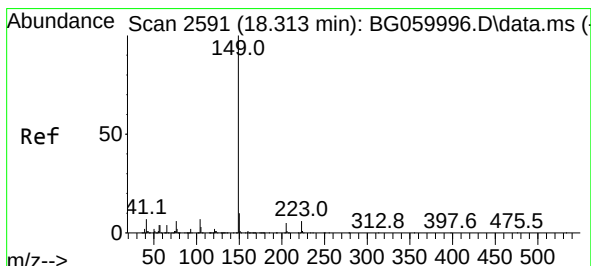
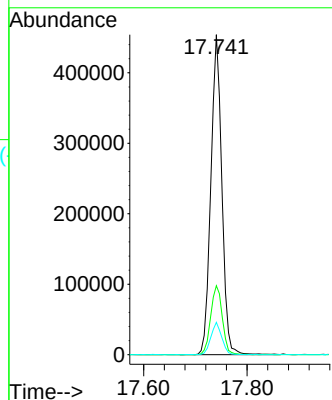
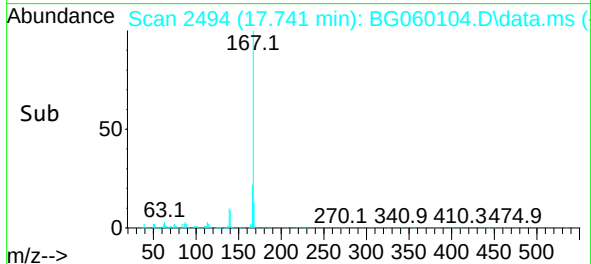
Tgt Ion:167 Resp: 66886
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 10.1 7.5 11.3

Manual Integrations

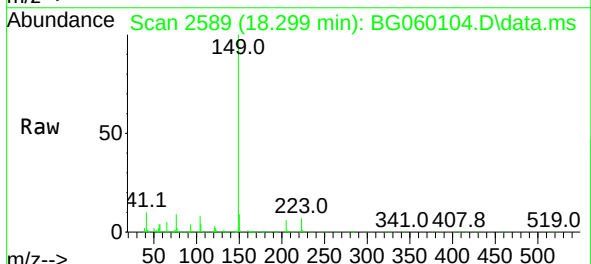
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

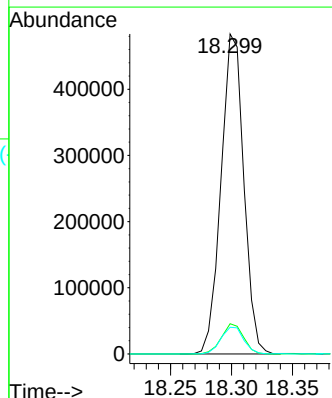
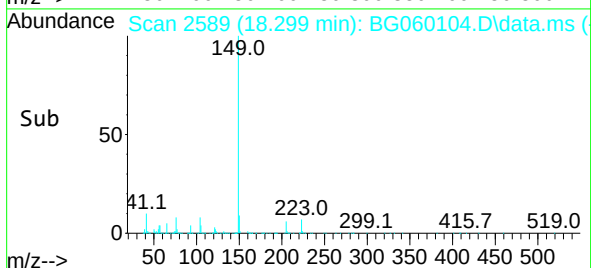
Supervised By :mohammad ahmed 12/21/2023

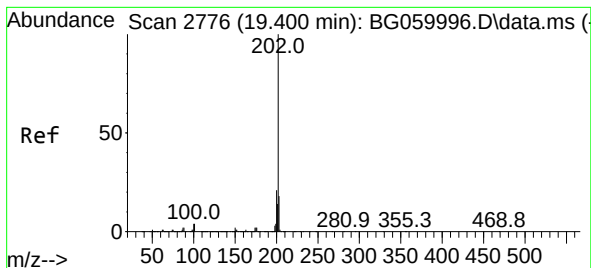


#74
 Di-n-butylphthalate
 Concen: 38.588 ng
 RT: 18.299 min Scan# 2589
 Delta R.T. -0.012 min
 Lab File: BG060104.D
 Acq: 20 Dec 2023 17:44



Tgt Ion:149 Resp: 628010
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.9 11.9
 104 8.3 5.6 8.4





#75
Fluoranthene
Concen: 43.090 ng
RT: 19.392 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

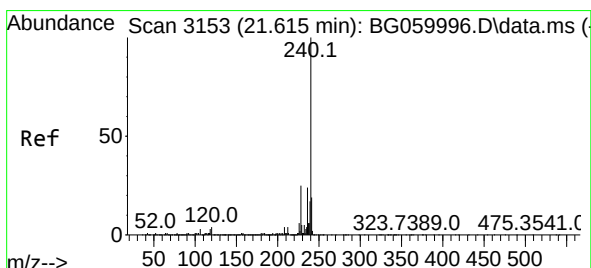
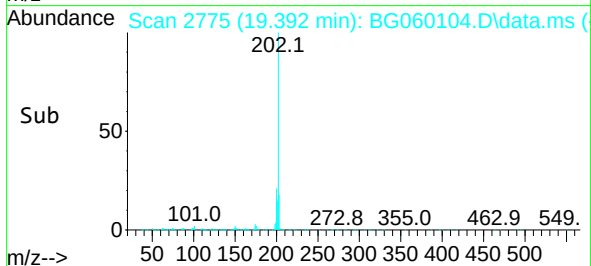
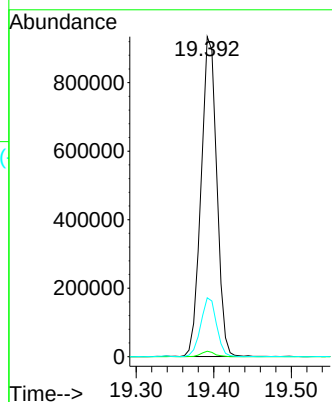
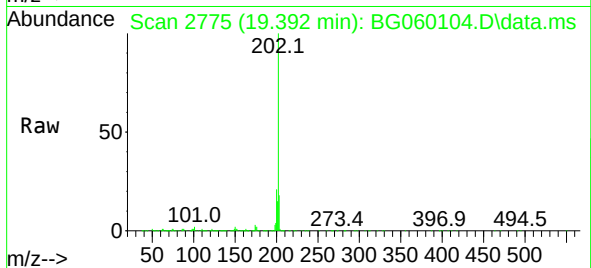
SSTDCCC040

Tgt Ion:202 Resp: 131296
Ion Ratio Lower Upper
202 100
101 1.7 0.0 24.2
203 18.4 0.0 37.6

Manual Integrations

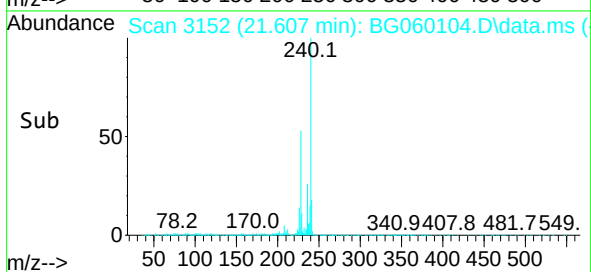
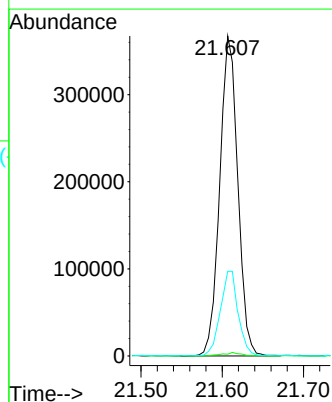
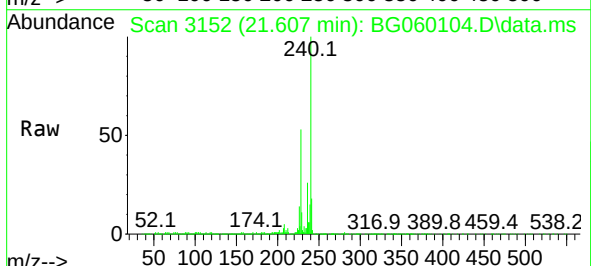
APPROVED

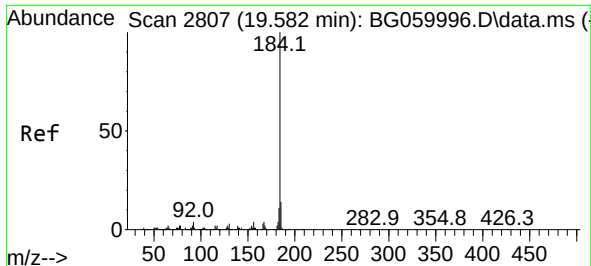
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.607 min Scan# 3152
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Tgt Ion:240 Resp: 567996
Ion Ratio Lower Upper
240 100
120 0.6 2.9 4.3#
236 26.5 19.4 29.2





#77
Benzidine
Concen: 33.631 ng
RT: 19.574 min Scan# 2806
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

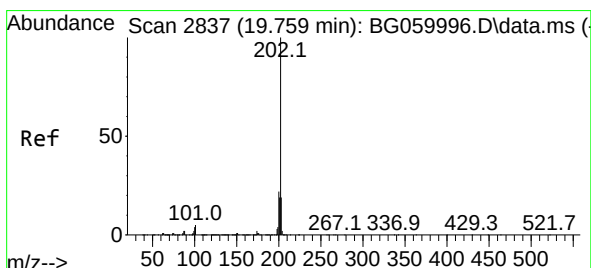
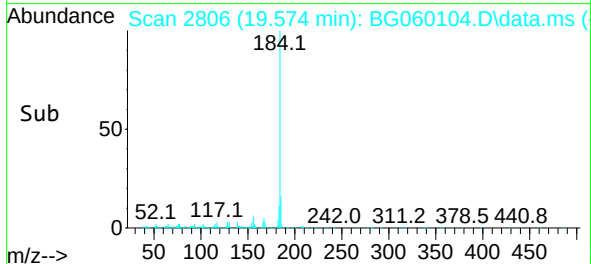
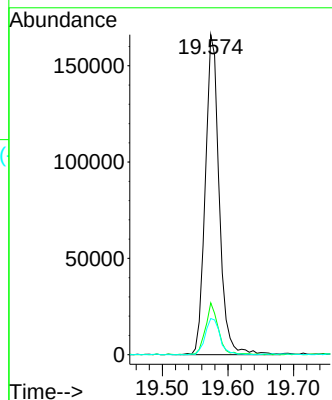
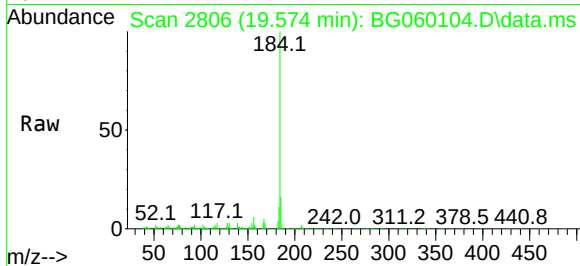
SSTDCCC040

Tgt Ion:184 Resp: 245360
Ion Ratio Lower Upper
184 100
185 16.2 11.1 16.7
183 11.3 9.0 13.4

Manual Integrations

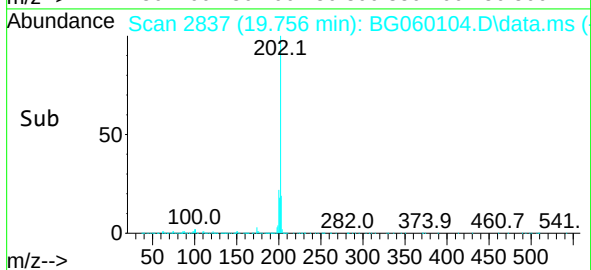
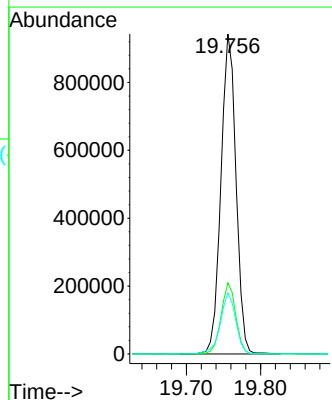
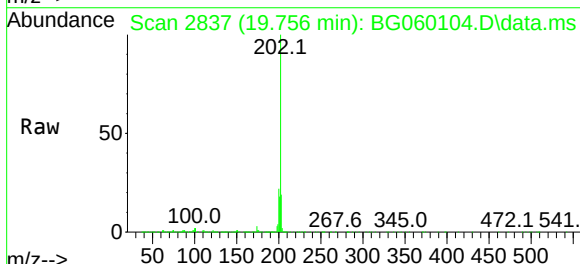
APPROVED

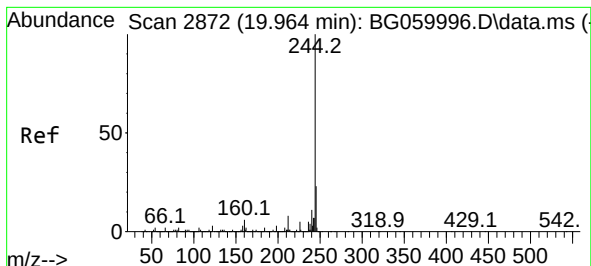
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#78
Pyrene
Concen: 38.597 ng
RT: 19.756 min Scan# 2837
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Tgt Ion:202 Resp: 1328936
Ion Ratio Lower Upper
202 100
200 22.3 17.6 26.4
203 19.0 14.9 22.3





#79

Terphenyl-d14

Concen: 89.087 ng

RT: 19.956 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG060104.D

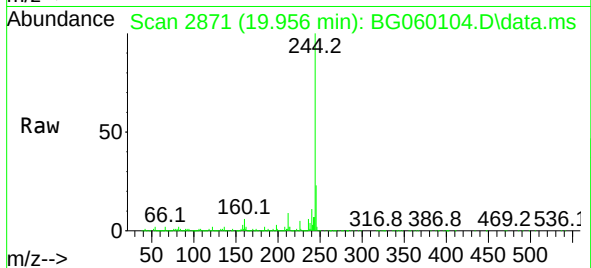
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 2771589

Ion Ratio Lower Upper

244 100

212 8.6 6.8 10.2

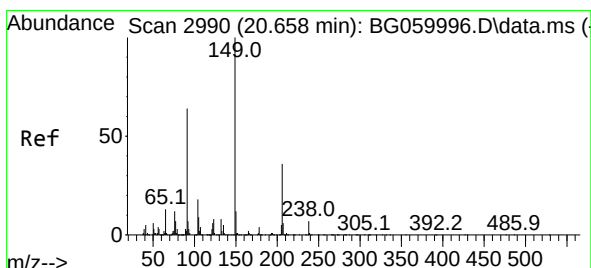
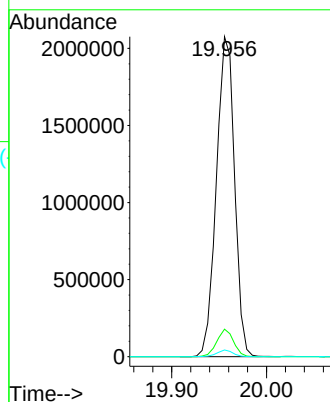
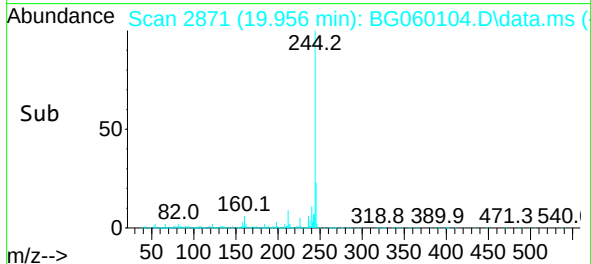
122 2.1 2.6 3.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#80

Butylbenzylphthalate

Concen: 42.265 ng

RT: 20.649 min Scan# 2989

Delta R.T. -0.007 min

Lab File: BG060104.D

Acq: 20 Dec 2023 17:44

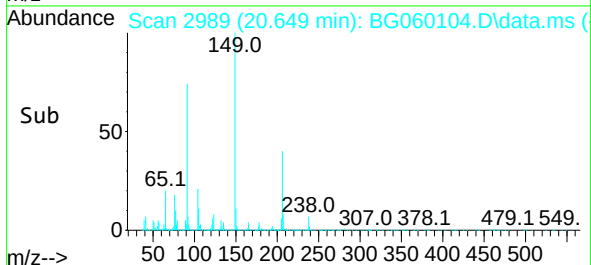
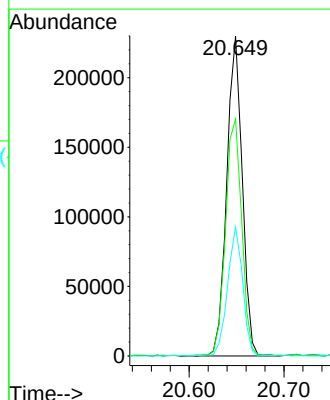
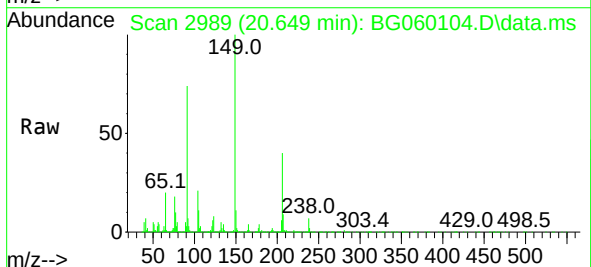
Tgt Ion:149 Resp: 261359

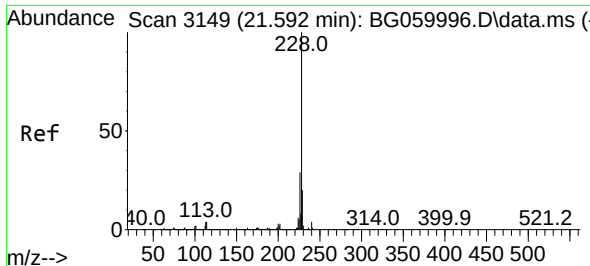
Ion Ratio Lower Upper

149 100

91 74.0 51.3 76.9

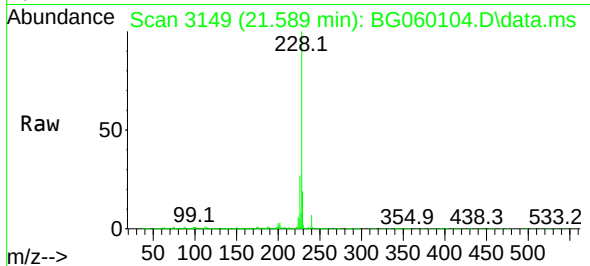
206 40.3 28.8 43.2





#81
Benzo(a)anthracene
Concen: 41.336 ng
RT: 21.589 min Scan# 3149
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

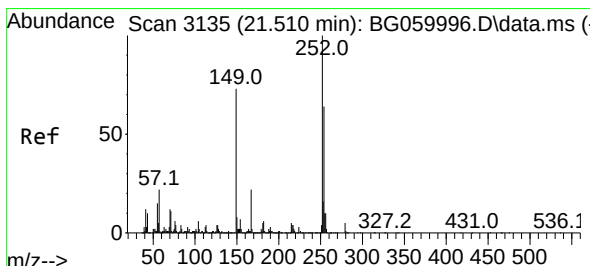
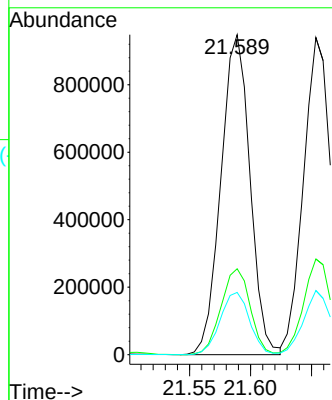
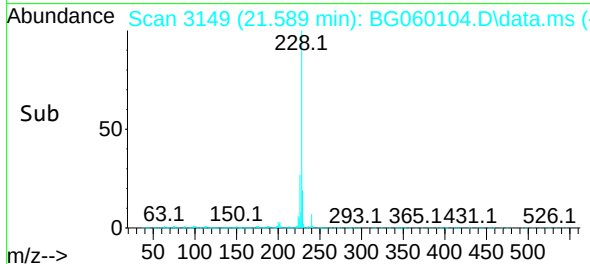
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



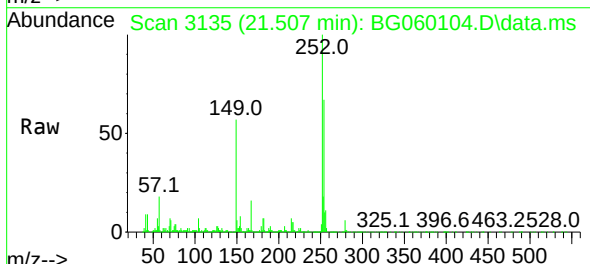
Tgt Ion:228 Resp: 1577140
Ion Ratio Lower Upper
228 100
226 26.9 22.9 34.3
229 19.5 16.2 24.2

Manual Integrations
APPROVED

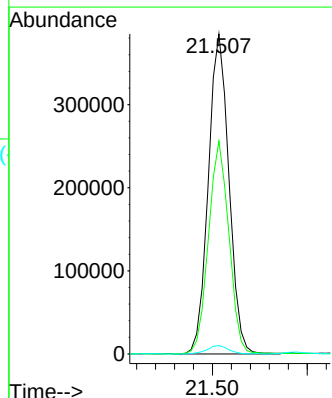
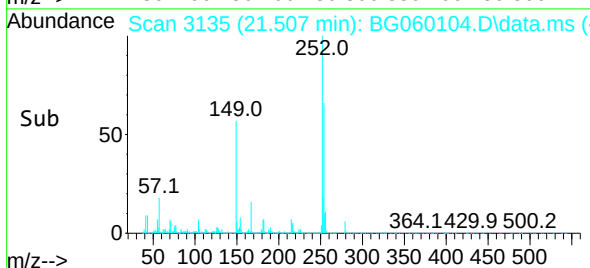
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

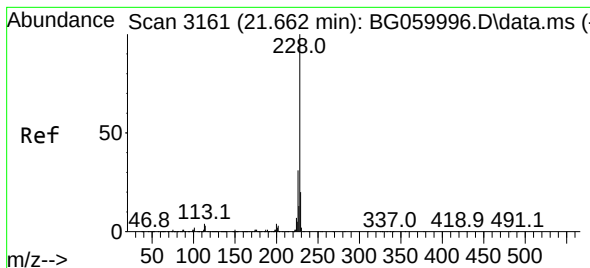


#82
3,3'-Dichlorobenzidine
Concen: 46.287 ng
RT: 21.507 min Scan# 3135
Delta R.T. -0.007 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44



Tgt Ion:252 Resp: 581117
Ion Ratio Lower Upper
252 100
254 66.6 51.0 76.4
126 2.6 3.0 4.4#





#83

Chrysene

Concen: 40.956 ng

RT: 21.654 min Scan# 3161

Delta R.T. -0.012 min

Lab File: BG060104.D

Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 148044

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

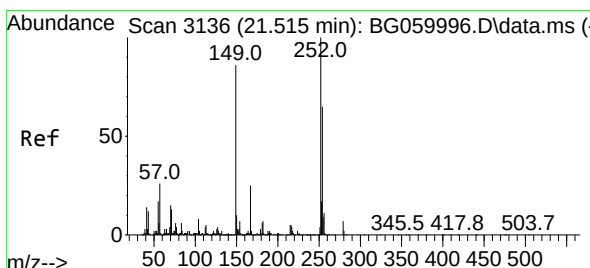
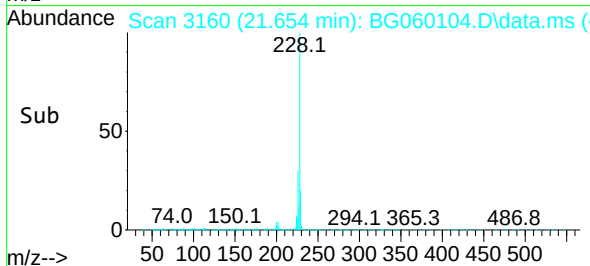
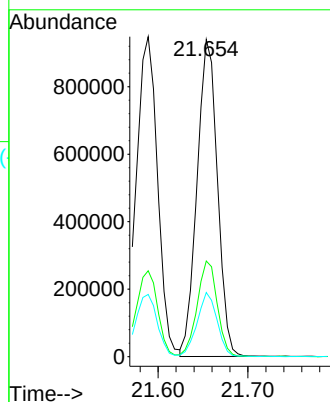
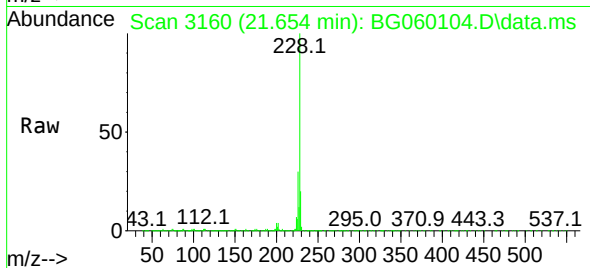
229 20.2 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.703 ng

RT: 21.501 min Scan# 3134

Delta R.T. -0.012 min

Lab File: BG060104.D

Acq: 20 Dec 2023 17:44

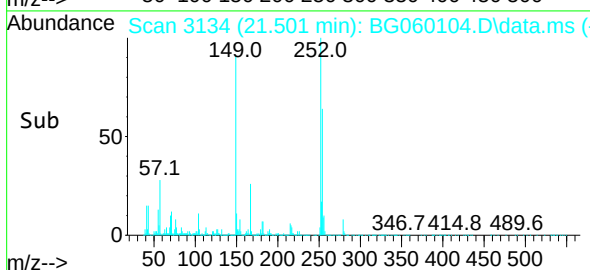
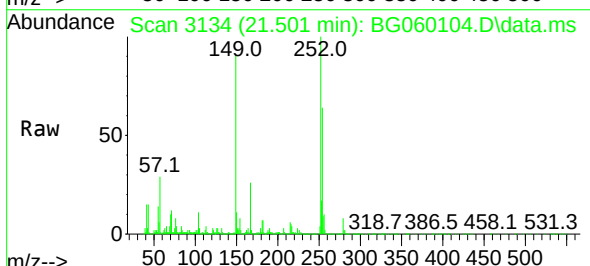
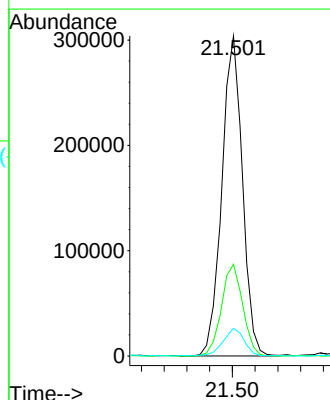
Tgt Ion:149 Resp: 381498

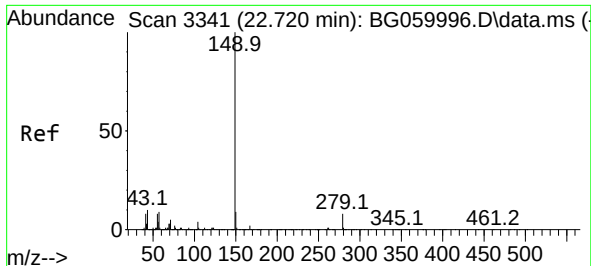
Ion Ratio Lower Upper

149 100

167 28.6 23.0 34.6

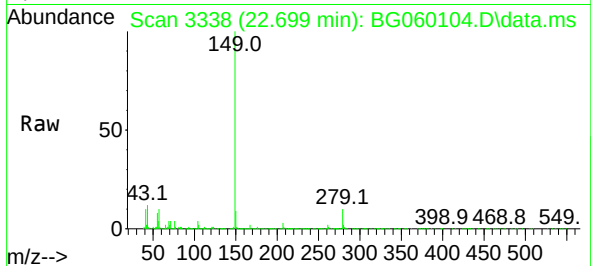
279 8.7 6.2 9.2





#85
Di-n-octyl phthalate
Concen: 37.655 ng
RT: 22.699 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

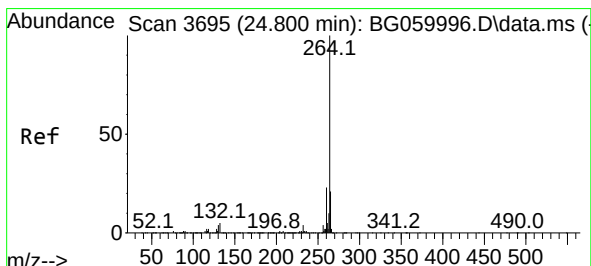
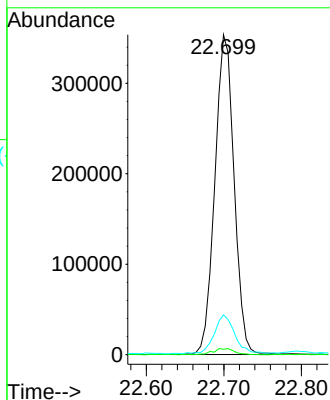
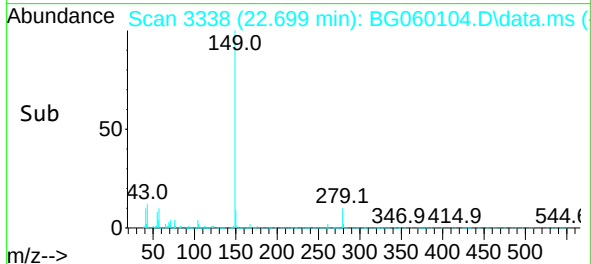
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 61049
Ion Ratio Lower Upper
149 100
167 2.1 1.4 2.2
43 13.0 8.3 12.5

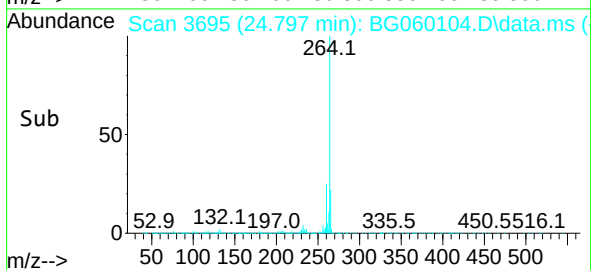
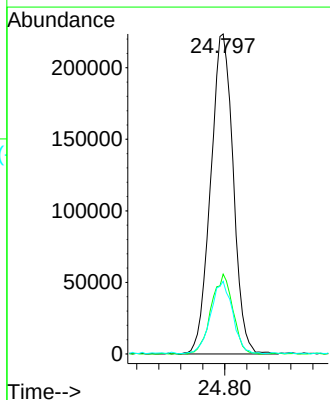
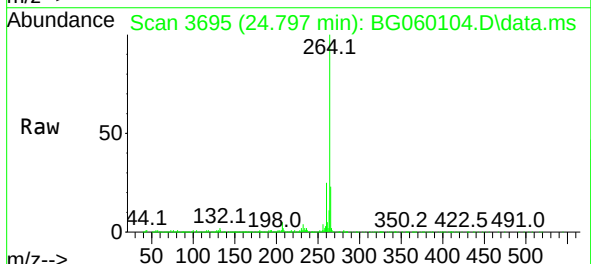
Manual Integrations
APPROVED

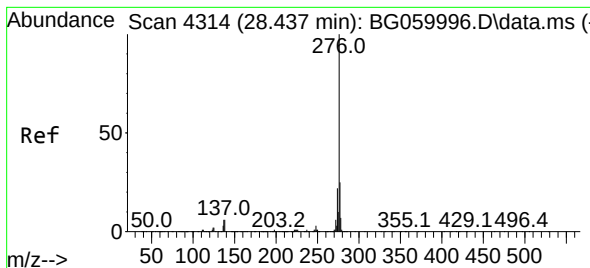
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.797 min Scan# 3695
Delta R.T. -0.018 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Tgt Ion:264 Resp: 635863
Ion Ratio Lower Upper
264 100
260 24.9 18.5 27.7
265 22.7 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.218 ng

RT: 28.434 min Scan# 41

Delta R.T. -0.024 min

Lab File: BG060104.D

Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 187046

Ion Ratio Lower Upper

276 100

138 0.0 4.7 7.1

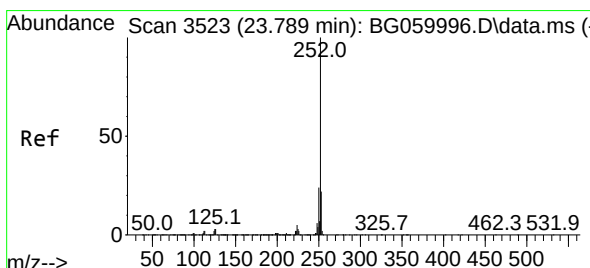
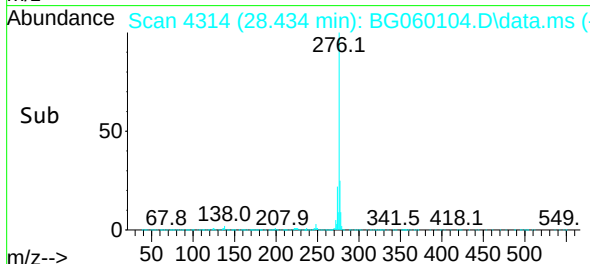
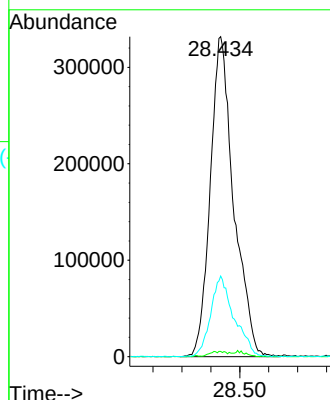
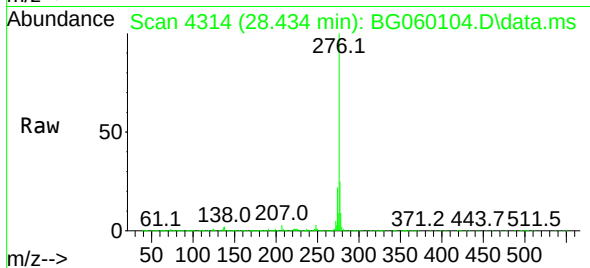
277 24.9 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#88

Benzo(b)fluoranthene

Concen: 38.674 ng

RT: 23.781 min Scan# 3522

Delta R.T. -0.018 min

Lab File: BG060104.D

Acq: 20 Dec 2023 17:44

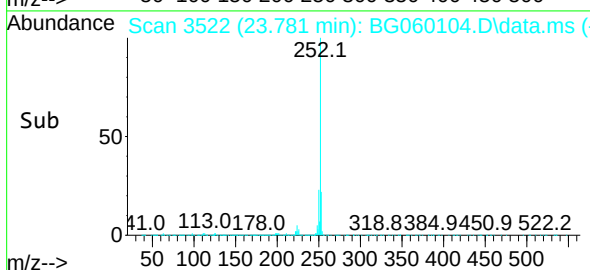
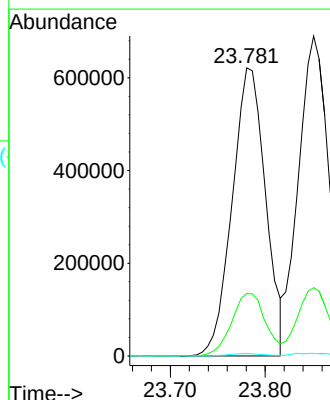
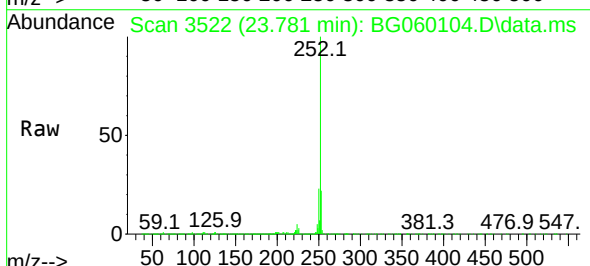
Tgt Ion:252 Resp: 1518744

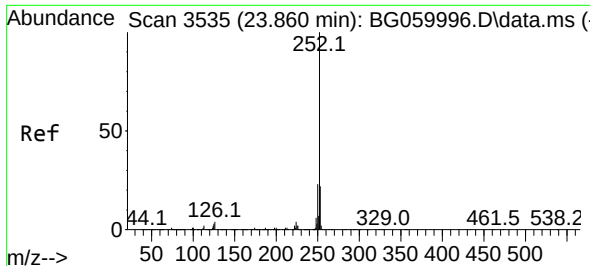
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 0.8 2.6 4.0#





#89
Benzo(k)fluoranthene
Concen: 40.733 ng
RT: 23.851 min Scan# 3535
Delta R.T. -0.018 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

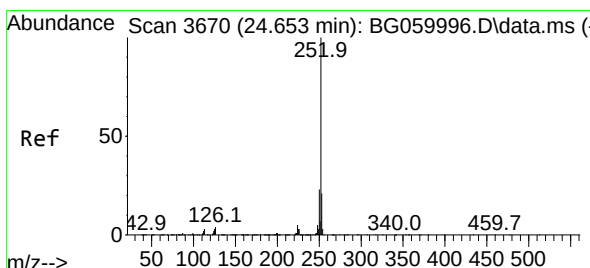
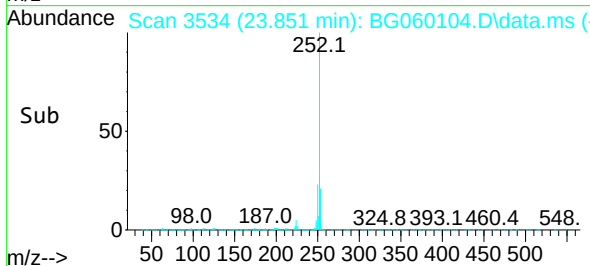
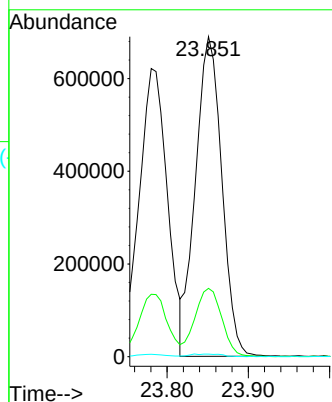
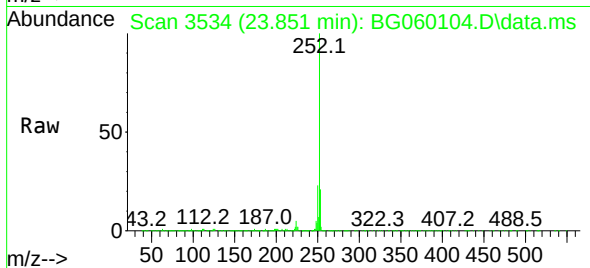
SSTDCCC040

Tgt Ion:252 Resp: 155158
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 0.8 2.5 3.7

Manual Integrations

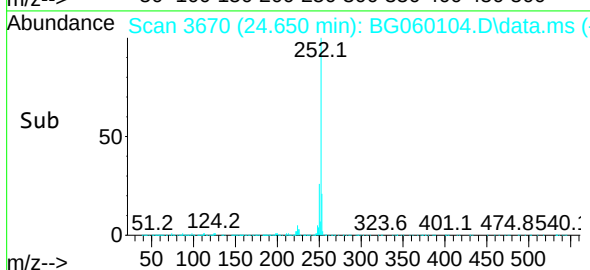
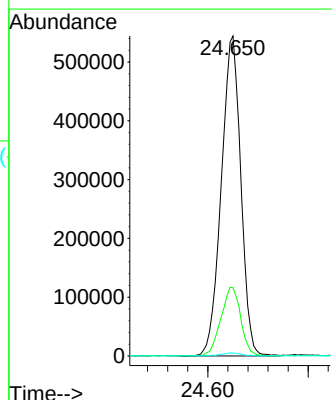
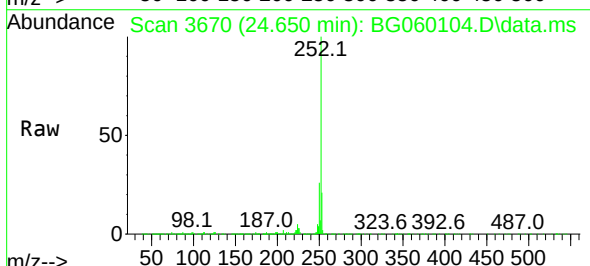
APPROVED

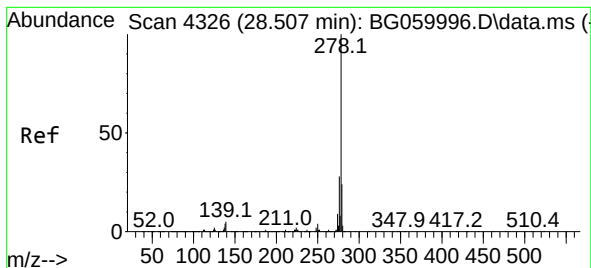
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#90
Benzo(a)pyrene
Concen: 42.191 ng
RT: 24.650 min Scan# 3670
Delta R.T. -0.012 min
Lab File: BG060104.D
Acq: 20 Dec 2023 17:44

Tgt Ion:252 Resp: 1467949
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 0.9 2.6 4.0





#91

Dibenzo(a,h)anthracene

Concen: 42.218 ng

RT: 28.510 min Scan# 41

Delta R.T. -0.012 min

Lab File: BG060104.D

Acq: 20 Dec 2023 17:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 160206

Ion Ratio Lower Upper

278 100

139 1.4 4.4 6.6

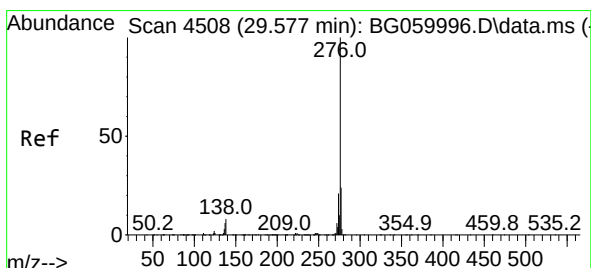
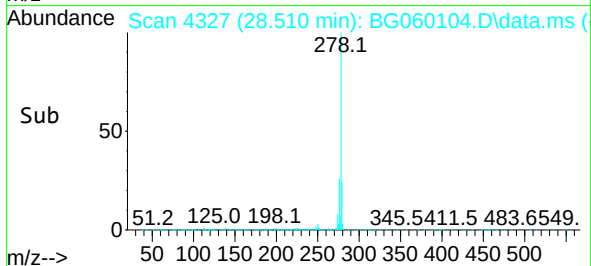
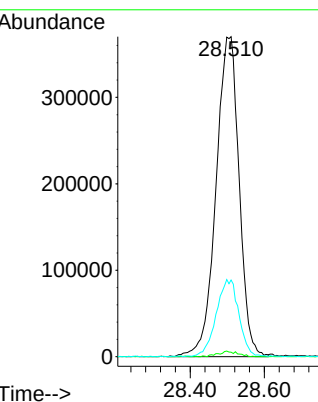
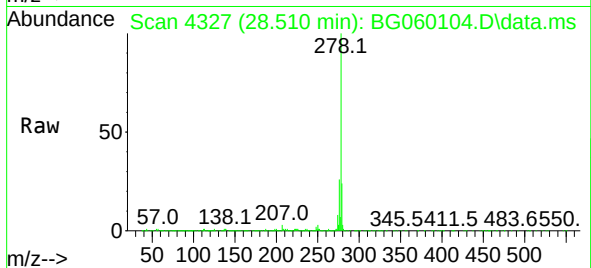
279 24.0 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#92

Benzo(g,h,i)perylene

Concen: 40.133 ng

RT: 29.568 min Scan# 4507

Delta R.T. -0.030 min

Lab File: BG060104.D

Acq: 20 Dec 2023 17:44

Tgt Ion:276 Resp: 1514839

Ion Ratio Lower Upper

276 100

277 22.5 19.4 29.2

138 1.6 6.0 9.0#

