

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060009.D
 Acq On : 14 Dec 2023 12:07
 Operator : MA/JU
 Sample : PB157712BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157712BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/16/2023

Quant Time: Dec 14 12:45:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	58716	20.000	ng	0.00
21) Naphthalene-d8	10.762	136	221338	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	190744	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	637368	20.000	ng	0.00
76) Chrysene-d12	21.614	240	838860	20.000	ng	0.00
86) Perylene-d12	24.798	264	894730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.521	112	475970	138.768	ng	0.00
7) Phenol-d6	7.113	99	614028	127.265	ng	0.00
23) Nitrobenzene-d5	9.117	82	382336	78.437	ng	0.00
42) 2,4,6-Tribromophenol	16.085	330	612740	137.842	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	1191298	76.439	ng	0.00
79) Terphenyl-d14	19.963	244	3596291	78.270	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.429	88	40347	24.859	ng	93
3) Pyridine	3.817	79	101851	22.407	ng	97
4) n-Nitrosodimethylamine	3.735	42	65100	29.117	ng	89
6) Aniline	7.277	93	188598	38.377	ng	93
8) 2-Chlorophenol	7.518	128	140942	43.362	ng	99
9) Benzaldehyde	7.089	77	79616	27.139	ng	94
10) Phenol	7.136	94	225267	46.477	ng	100
11) bis(2-Chloroethyl)ether	7.372	93	134099	38.647	ng	89
12) 1,3-Dichlorobenzene	7.842	146	161193	37.086	ng	93
13) 1,4-Dichlorobenzene	7.988	146	171554	37.930	ng	94
14) 1,2-Dichlorobenzene	8.306	146	161238	37.054	ng	93
15) Benzyl Alcohol	8.188	79	172246	44.419	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.482	45	265547m	42.768	ng	
17) 2-Methylphenol	8.388	107	143936	44.543	ng	93
18) Hexachloroethane	9.040	117	52417	38.258	ng	92
19) n-Nitroso-di-n-propyla...	8.758	70	129330	41.547	ng	# 90
20) 3+4-Methylphenols	8.717	107	189723	42.034	ng	97
22) Acetophenone	8.776	105	254462	39.451	ng	94
24) Nitrobenzene	9.158	77	197179	39.845	ng	94
25) Isophorone	9.681	82	361368	38.735	ng	99
26) 2-Nitrophenol	9.869	139	76327	41.939	ng	93
27) 2,4-Dimethylphenol	9.921	122	150839	60.464	ng	99
28) bis(2-Chloroethoxy)met...	10.168	93	188068	39.045	ng	98
29) 2,4-Dichlorophenol	10.403	162	202926	45.290	ng	90
30) 1,2,4-Trichlorobenzene	10.621	180	241250	39.778	ng	99
31) Naphthalene	10.809	128	457856	39.736	ng	96
32) Benzoic acid	10.045	122	105207	46.362	ng	91
33) 4-Chloroaniline	10.914	127	127709	29.129	ng	97
34) Hexachlorobutadiene	11.097	225	204300	36.805	ng	97
35) Caprolactam	11.684	113	53682m	47.163	ng	
36) 4-Chloro-3-methylphenol	12.031	107	183430	45.014	ng	99
37) 2-Methylnaphthalene	12.419	142	356118	39.406	ng	97
38) 1-Methylnaphthalene	12.636	142	344794	38.624	ng	92
40) 1,2,4,5-Tetrachloroben...	12.783	216	401168	40.342	ng	98
41) Hexachlorocyclopentadiene	12.765	237	464797	113.128	ng	92
43) 2,4,6-Trichlorophenol	13.018	196	238788	42.828	ng	100

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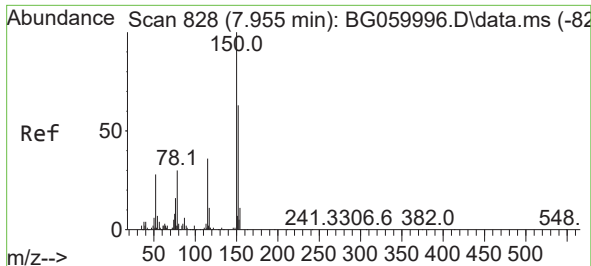
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.094	196	263950	43.523	ng	97
46) 1,1'-Biphenyl	13.429	154	563266	39.819	ng	97
47) 2-Chloronaphthalene	13.470	162	470072	38.371	ng	97
48) 2-Nitroaniline	13.670	65	126789	47.944	ng	96
49) Acenaphthylene	14.316	152	697496	41.623	ng	98
50) Dimethylphthalate	14.052	163	628744	42.466	ng	100
51) 2,6-Dinitrotoluene	14.164	165	133482	43.522	ng	96
52) Acenaphthene	14.657	154	547251m	47.441	ng	
53) 3-Nitroaniline	14.493	138	91609	37.379	ng	95
54) 2,4-Dinitrophenol	14.698	184	228438	101.094	ng	93
55) Dibenzofuran	14.992	168	785877	41.857	ng	99
56) 4-Nitrophenol	14.792	139	205034	99.543	ng	96
57) 2,4-Dinitrotoluene	14.951	165	198560	46.055	ng	96
58) Fluorene	15.638	166	666710	42.111	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.209	232	305936	48.462	ng	99
60) Diethylphthalate	15.415	149	604636	44.384	ng	97
61) 4-Chlorophenyl-phenyle...	15.632	204	486103	42.632	ng	99
62) 4-Nitroaniline	15.662	138	126194	47.286	ng	96
63) Azobenzene	15.926	77	560874	41.759	ng	95
65) 4,6-Dinitro-2-methylph...	15.715	198	174504	43.667	ng	92
66) n-Nitrosodiphenylamine	15.850	169	642776	41.281	ng	96
67) 4-Bromophenyl-phenylether	16.531	248	362567	40.318	ng	98
68) Hexachlorobenzene	16.643	284	410356	39.034	ng	98
70) Pentachlorophenol	16.984	266	569165	83.573	ng	97
71) Phenanthrene	17.383	178	1316415	42.641	ng	98
72) Anthracene	17.477	178	1327375	42.763	ng	99
73) Carbazole	17.742	167	1135340	43.042	ng	98
74) Di-n-butylphthalate	18.312	149	1062556	44.158	ng	98
75) Fluoranthene	19.399	202	1938134	43.021	ng	96
77) Benzidine	19.581	184	517110	47.992	ng	98
78) Pyrene	19.763	202	1991525	39.164	ng	98
80) Butylbenzylphthalate	20.656	149	393906	43.132	ng	99
81) Benzo(a)anthracene	21.590	228	2343519	41.590	ng	99
82) 3,3'-Dichlorobenzidine	21.508	252	780110	42.073	ng	97
83) Chrysene	21.661	228	2168493	40.620	ng	98
84) Bis(2-ethylhexyl)phtha...	21.514	149	600762	43.400	ng	99
85) Di-n-octyl phthalate	22.718	149	1039748	43.424	ng	100
87) Indeno(1,2,3-cd)pyrene	28.435	276	2886180	45.199	ng	# 98
88) Benzo(b)fluoranthene	23.788	252	2447981	44.301	ng	100
89) Benzo(k)fluoranthene	23.858	252	2391627	44.621	ng	100
90) Benzo(a)pyrene	24.651	252	2122589	43.356	ng	99
91) Dibenzo(a,h)anthracene	28.511	278	2487025	46.577	ng	99
92) Benzo(g,h,i)perylene	29.581	276	2348028	44.209	ng	98

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

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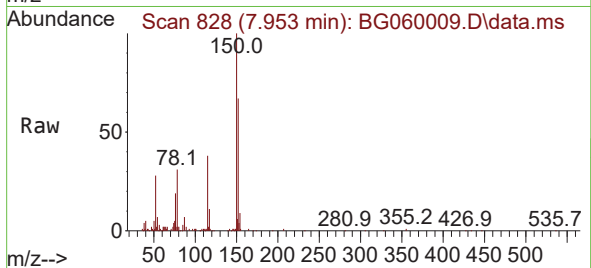
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.953 min Scan# 81
 Delta R.T. -0.002 min
 Lab File: BG060009.D
 Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

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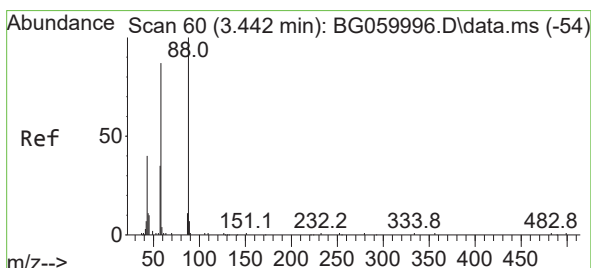
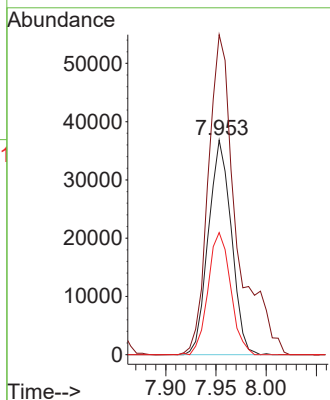
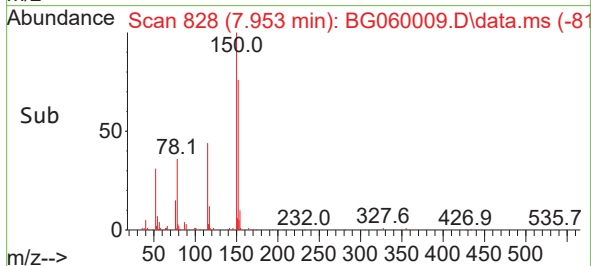
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 Ion Ratio Lower Upper
 152 100
 150 149.2 127.0 190.6
 115 56.9 45.7 68.5

Manual Integrations

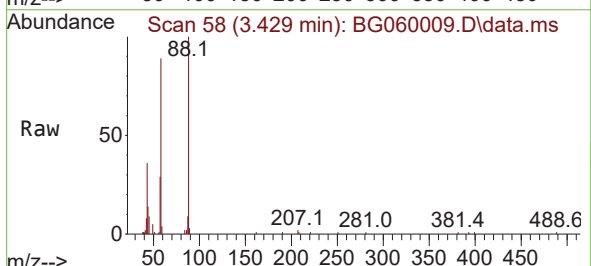
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

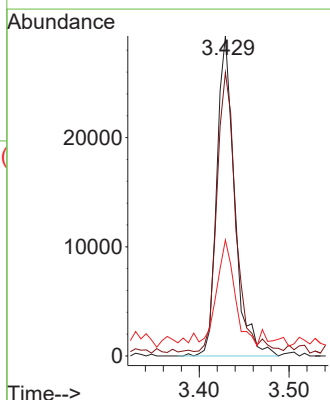
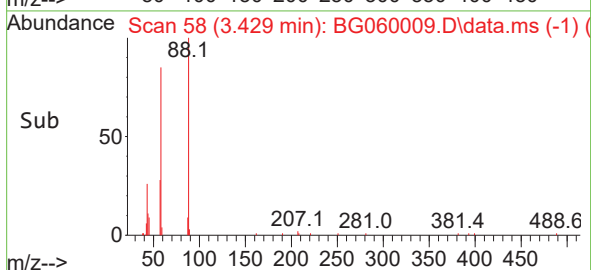
Supervised By :mohammad ahmed 12/16/2023

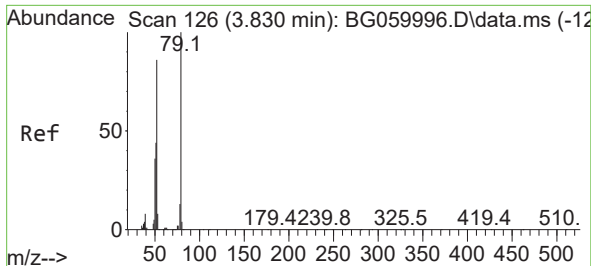


#2
 1,4-Dioxane
 Concen: 24.859 ng
 RT: 3.429 min Scan# 58
 Delta R.T. -0.013 min
 Lab File: BG060009.D
 Acq: 14 Dec 2023 12:07



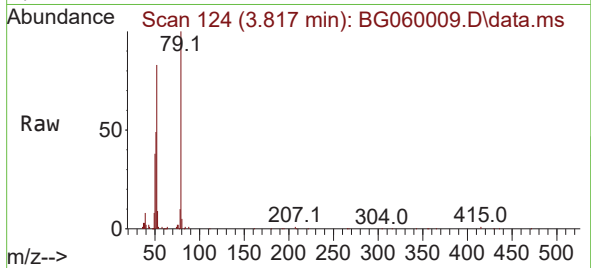
Tgt Ion: 88 Resp: 40347
 Ion Ratio Lower Upper
 88 100
 58 92.8 68.5 102.7
 43 33.3 28.8 43.2





#3
Pyridine
Concen: 22.407 ng
RT: 3.817 min Scan# 110
Delta R.T. -0.013 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

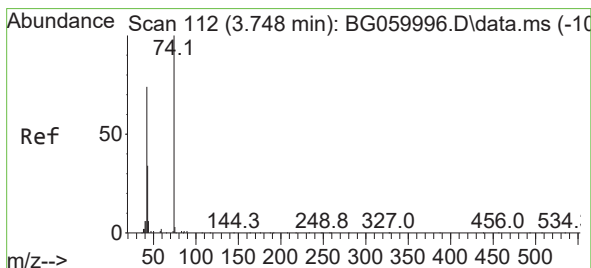
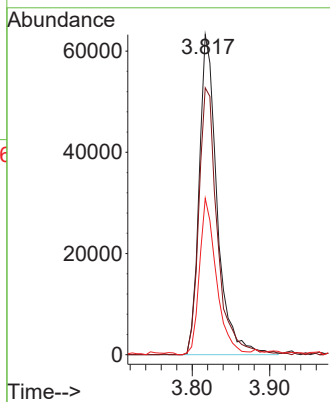
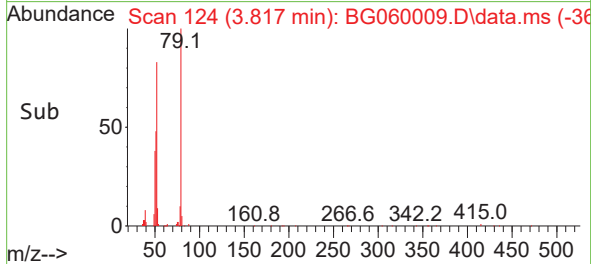
Instrument :
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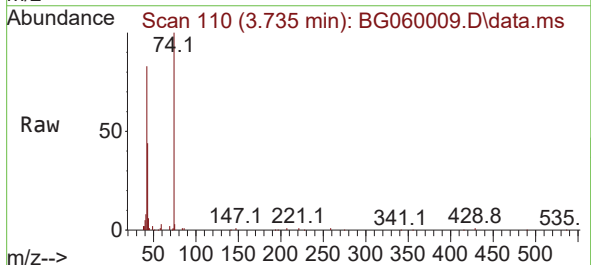
Tgt Ion: 79 Resp: 10185
Ion Ratio Lower Upper
79 100
52 83.4 68.7 103.1
51 48.9 41.1 61.7

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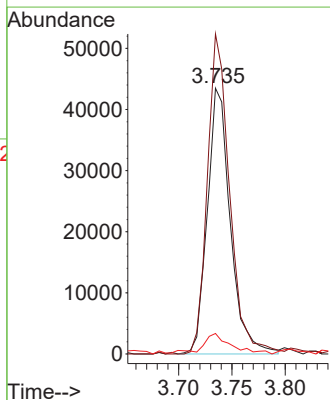
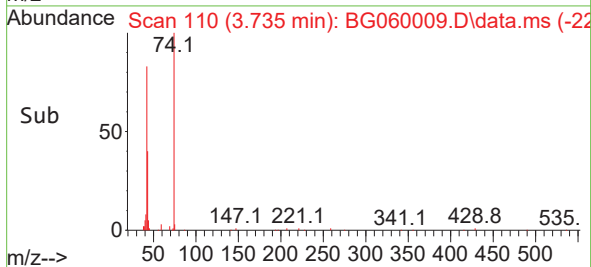
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

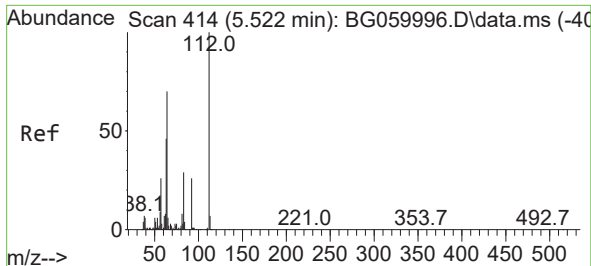


#4
n-Nitrosodimethylamine
Concen: 29.117 ng
RT: 3.735 min Scan# 110
Delta R.T. -0.013 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07



Tgt Ion: 42 Resp: 65100
Ion Ratio Lower Upper
42 100
74 120.4 107.4 161.2
44 7.7 6.0 9.0





#5
2-Fluorophenol
Concen: 138.768 ng
RT: 5.521 min Scan# 414
Delta R.T. -0.001 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

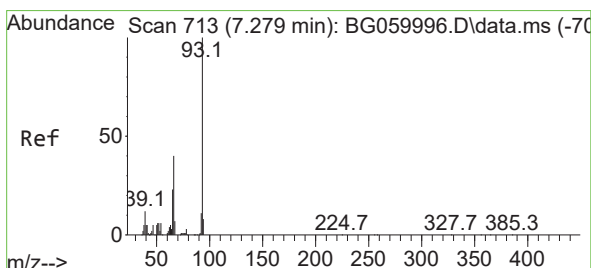
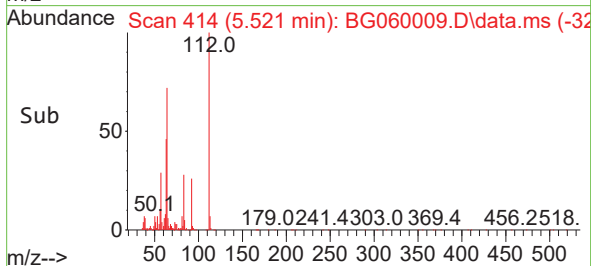
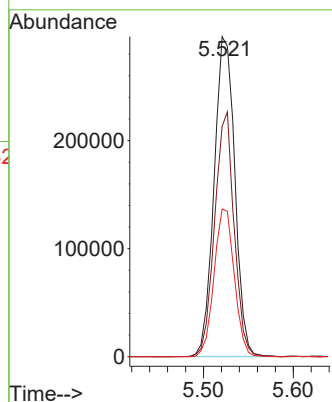
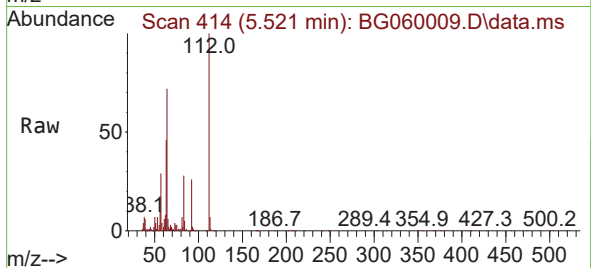
ClientSampleId :

PB157712BS

Tgt Ion:112 Resp: 475970
Ion Ratio Lower Upper
112 100
64 72.0 55.9 83.9
63 46.1 36.5 54.7

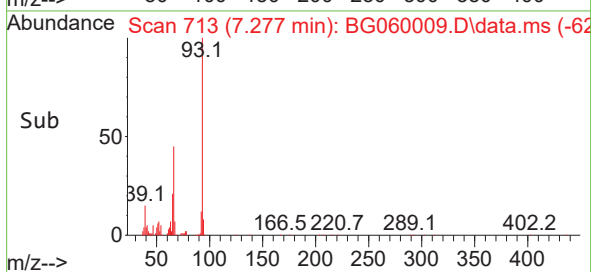
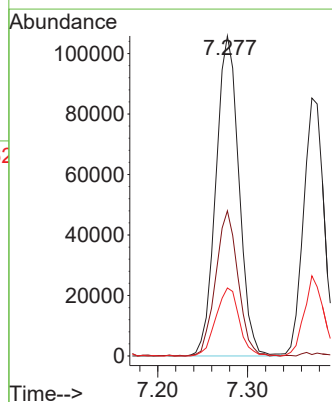
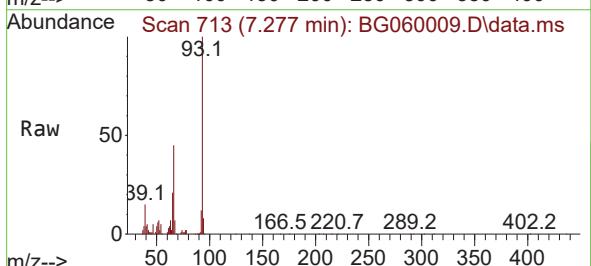
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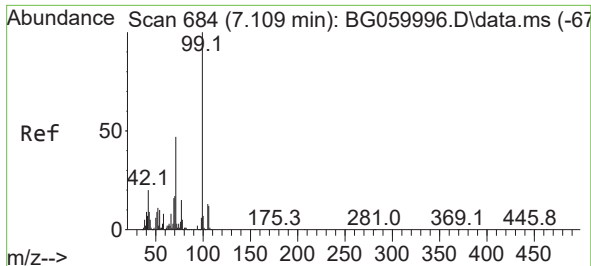
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#6
Aniline
Concen: 38.377 ng
RT: 7.277 min Scan# 713
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Tgt Ion: 93 Resp: 188598
Ion Ratio Lower Upper
93 100
66 45.4 31.8 47.8
65 21.3 18.6 28.0





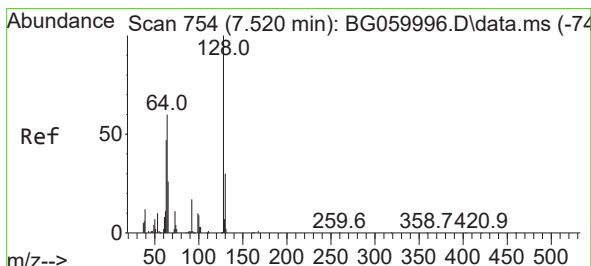
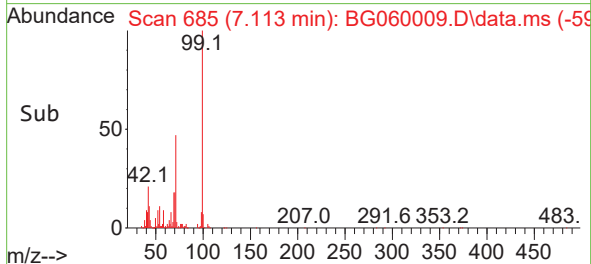
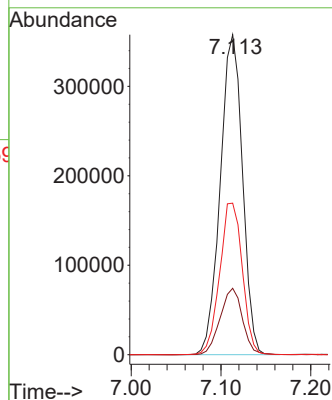
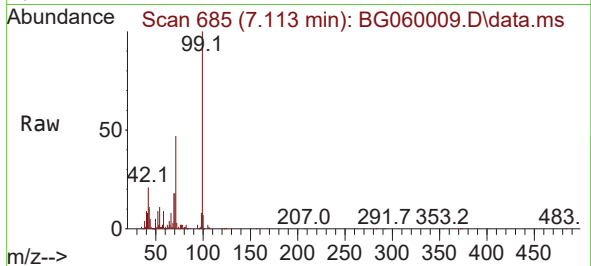
#7
Phenol-d6
Concen: 127.265 ng
RT: 7.113 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :
BNA_G
ClientSampleId :
PB157712BS

Tgt Ion: 99 Resp: 614028
Ion Ratio Lower Upper
99 100
42 20.8 16.2 24.4
71 47.4 37.6 56.4

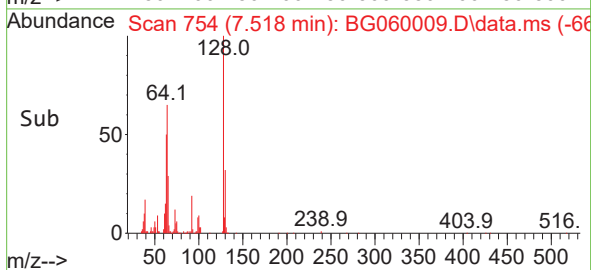
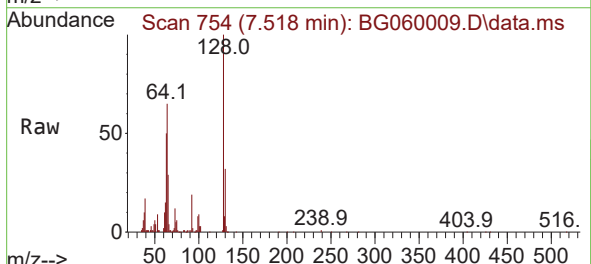
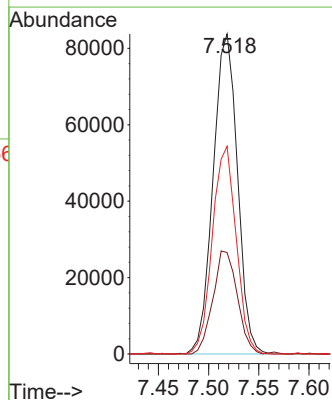
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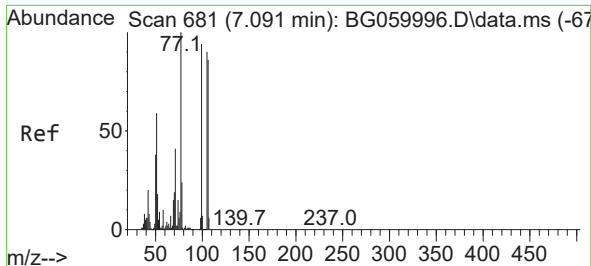
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#8
2-Chlorophenol
Concen: 43.362 ng
RT: 7.518 min Scan# 754
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

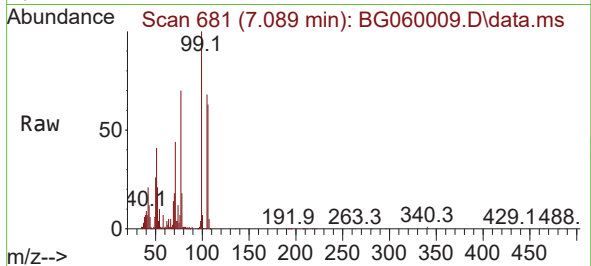
Tgt Ion:128 Resp: 140942
Ion Ratio Lower Upper
128 100
130 31.7 10.3 50.3
64 64.9 44.2 84.2





#9
Benzaldehyde
Concen: 27.139 ng
RT: 7.089 min Scan# 681
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

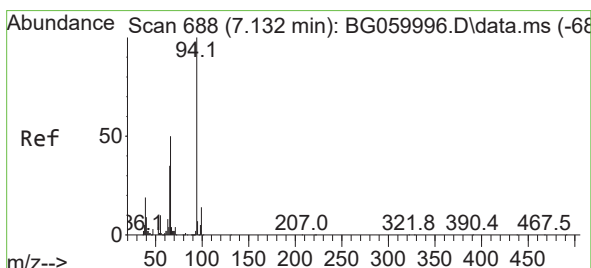
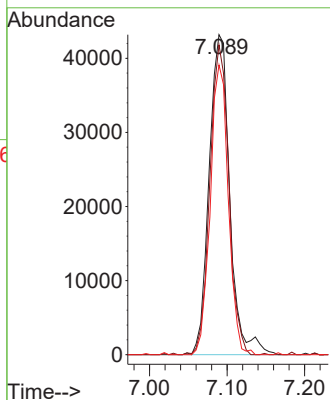
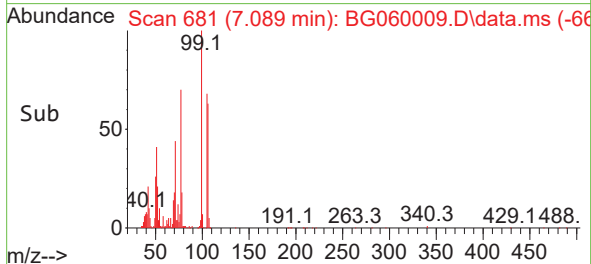
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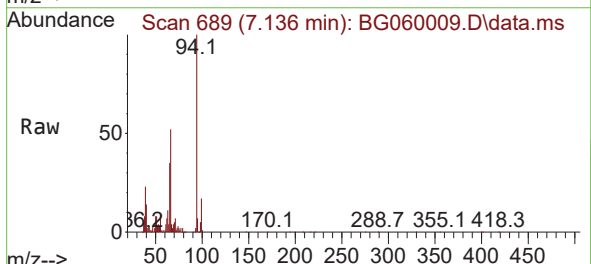
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Ion Ratio Lower Upper
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106 90.5 66.0 106.0

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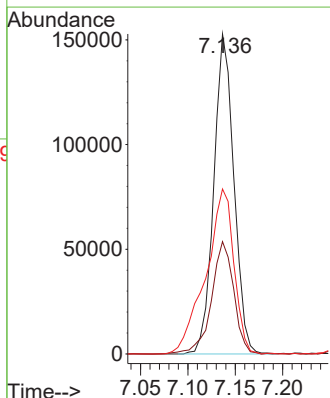
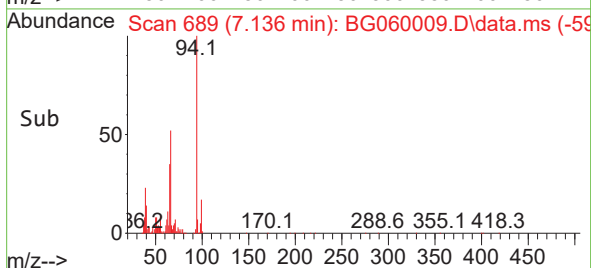
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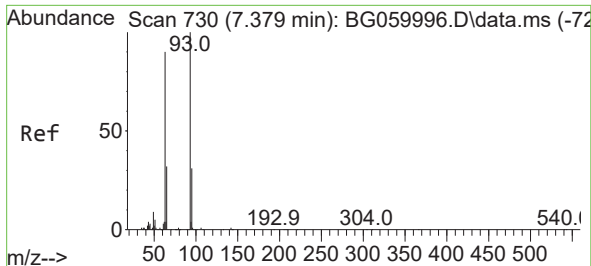


#10
Phenol
Concen: 46.477 ng
RT: 7.136 min Scan# 689
Delta R.T. 0.004 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07



Tgt Ion: 94 Resp: 225267
Ion Ratio Lower Upper
94 100
65 35.1 15.5 55.5
66 51.5 31.6 71.6





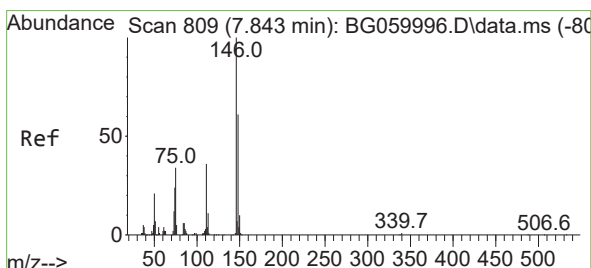
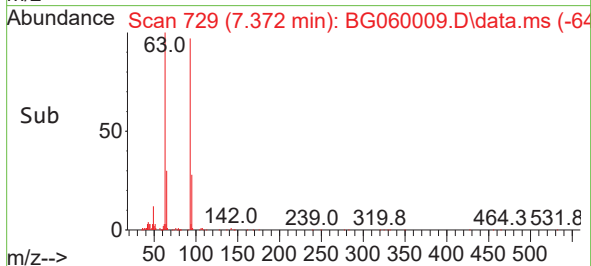
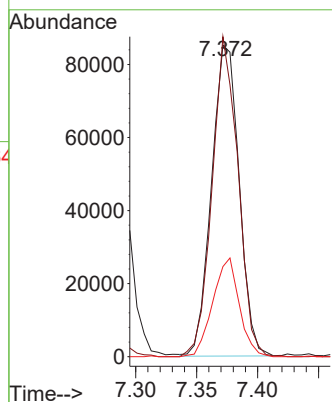
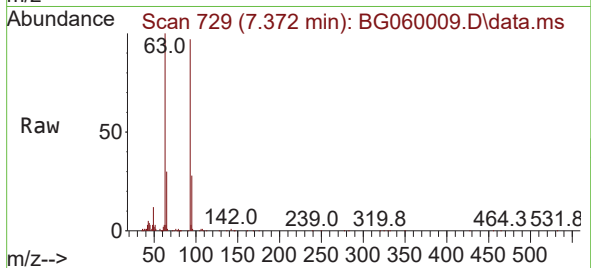
#11
bis(2-Chloroethyl)ether
Concen: 38.647 ng
RT: 7.372 min Scan# 71
Delta R.T. -0.008 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :
BNA_G
ClientSampleId :
PB157712BS

Tgt Ion: 93 Resp: 134099
Ion Ratio Lower Upper
93 100
63 102.7 69.8 109.8
95 28.9 10.7 50.7

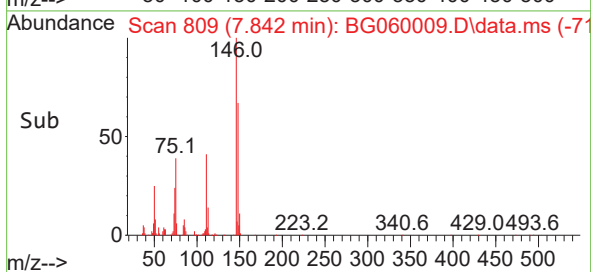
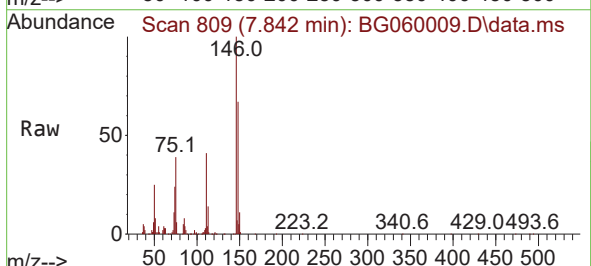
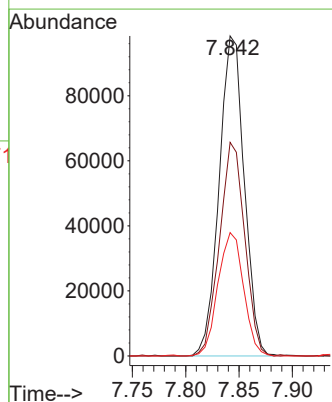
Manual Integrations
APPROVED

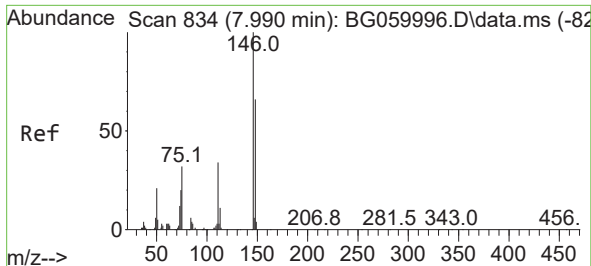
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#12
1,3-Dichlorobenzene
Concen: 37.086 ng
RT: 7.842 min Scan# 809
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Tgt Ion:146 Resp: 161193
Ion Ratio Lower Upper
146 100
148 66.7 49.1 73.7
75 38.5 27.0 40.6





#13
1,4-Dichlorobenzene
Concen: 37.930 ng
RT: 7.988 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

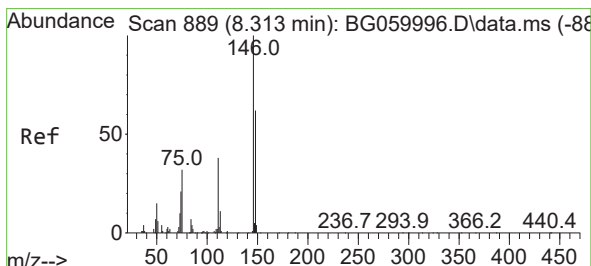
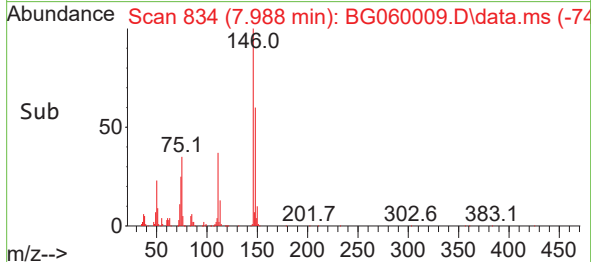
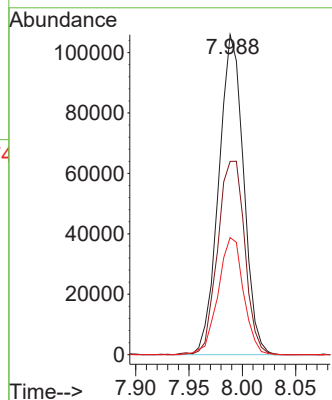
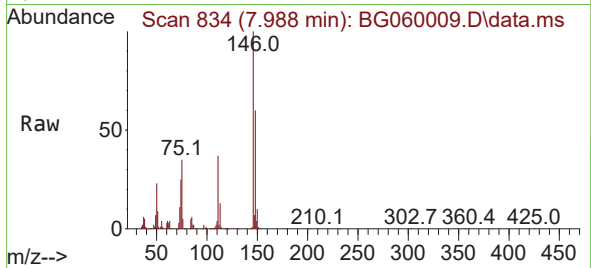
ClientSampleId :

PB157712BS

Tgt Ion:146 Resp: 171554
Ion Ratio Lower Upper
146 100
148 60.4 52.9 79.3
111 36.6 27.6 41.4

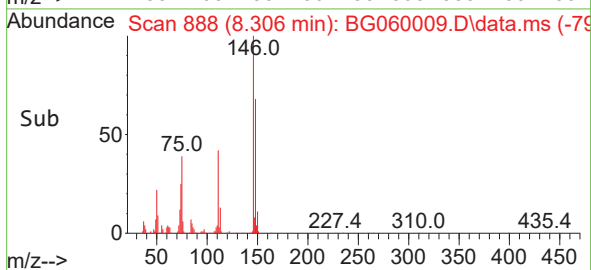
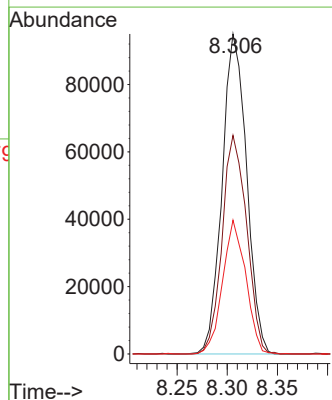
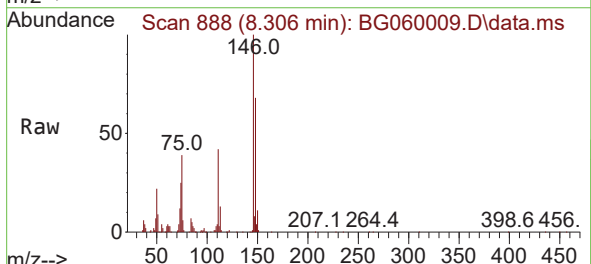
Manual Integrations
APPROVED

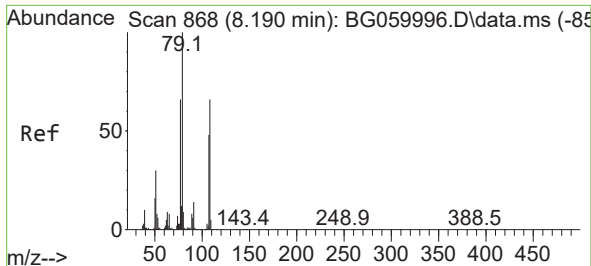
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#14
1,2-Dichlorobenzene
Concen: 37.054 ng
RT: 8.306 min Scan# 888
Delta R.T. -0.008 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Tgt Ion:146 Resp: 161238
Ion Ratio Lower Upper
146 100
148 68.3 49.7 74.5
111 41.8 30.9 46.3





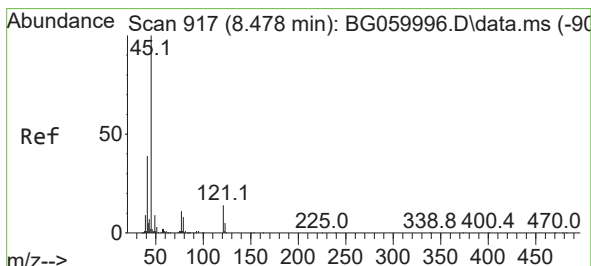
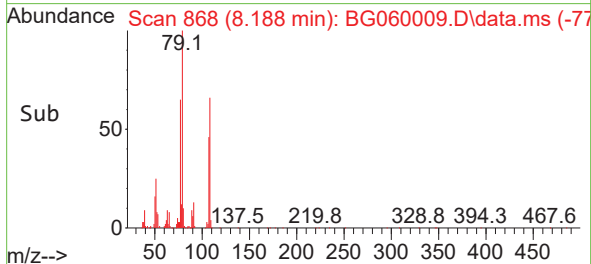
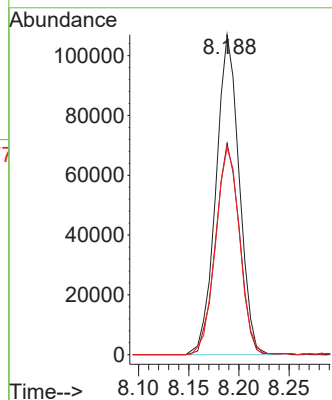
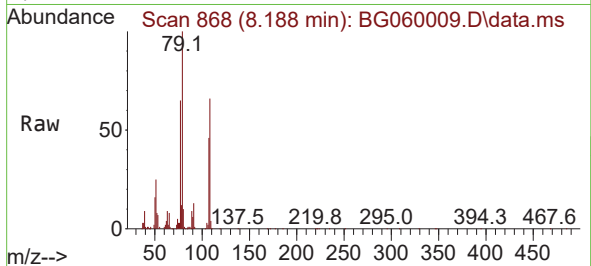
#15
Benzyl Alcohol
Concen: 44.419 ng
RT: 8.188 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :
BNA_G
ClientSampleId :
PB157712BS

Tgt Ion: 79 Resp: 172240
Ion Ratio Lower Upper
79 100
108 66.1 53.1 79.7
77 64.7 52.8 79.2

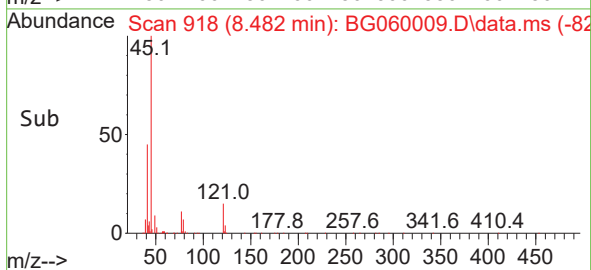
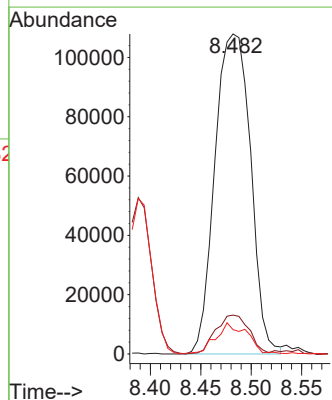
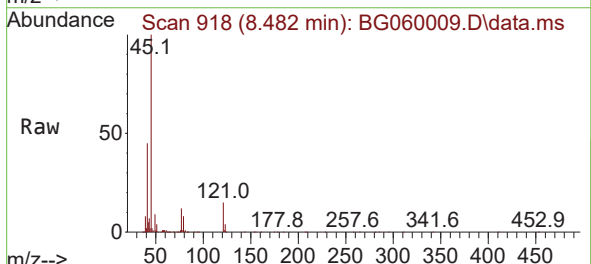
Manual Integrations
APPROVED

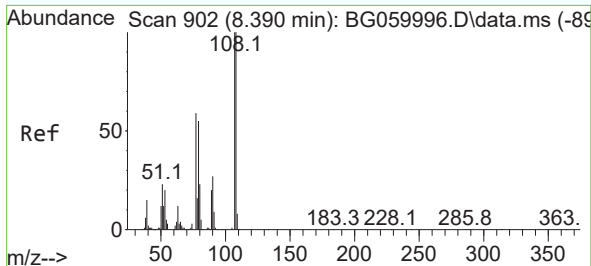
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.768 ng m
RT: 8.482 min Scan# 918
Delta R.T. 0.004 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Tgt Ion: 45 Resp: 265547
Ion Ratio Lower Upper
45 100
77 12.2 0.0 31.7
79 7.6 0.0 28.7





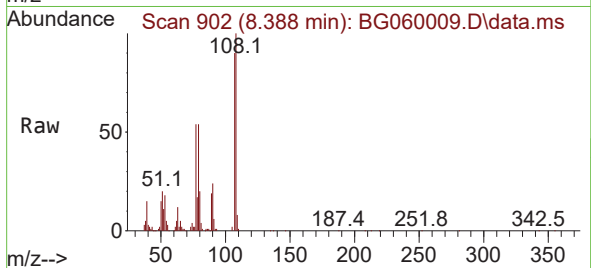
#17
2-Methylphenol
Concen: 44.543 ng
RT: 8.388 min Scan# 902
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

PB157712BS



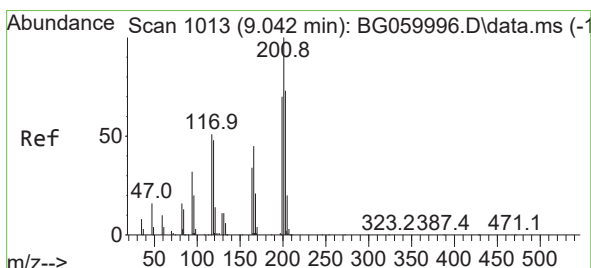
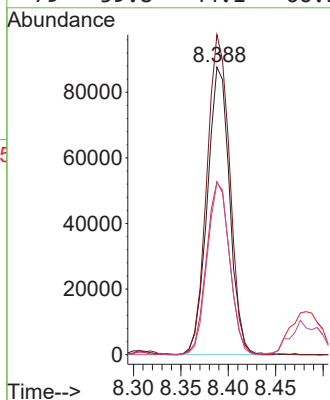
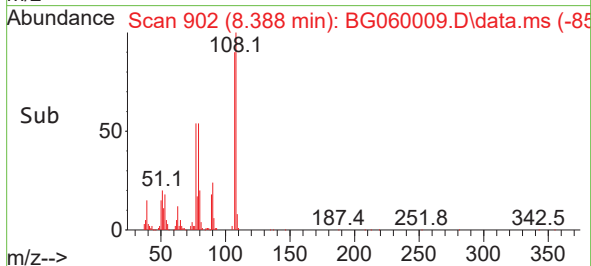
Tgt Ion:	107	Resp:	143930
Ion	Ratio	Lower	Upper
107	100		
108	111.3	80.7	121.1
77	60.1	47.8	71.6
79	59.8	44.1	66.1

Manual Integrations

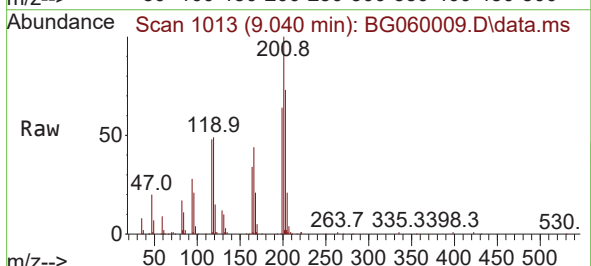
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

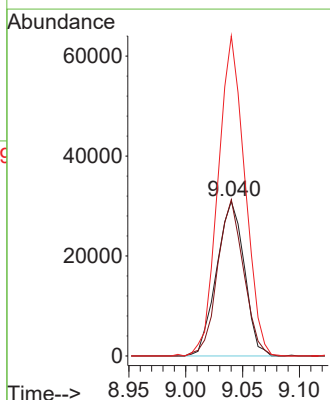
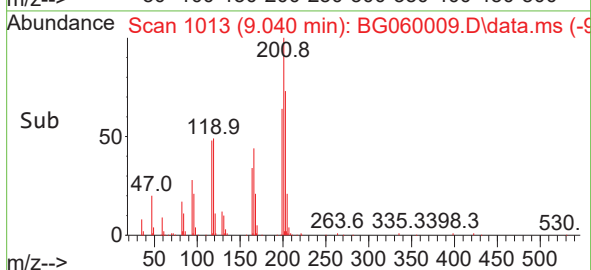
Supervised By :mohammad ahmed 12/16/2023

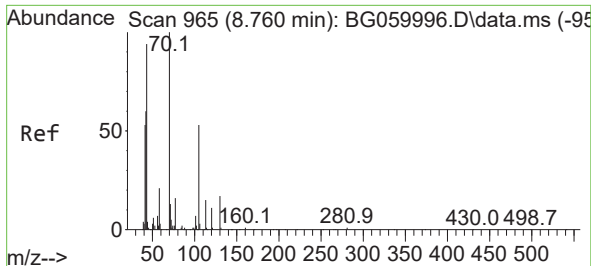


#18
Hexachloroethane
Concen: 38.258 ng
RT: 9.040 min Scan# 1013
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07



Tgt Ion:	117	Resp:	52417
Ion	Ratio	Lower	Upper
117	100		
119	101.1	74.5	111.7
201	206.9	156.5	234.7





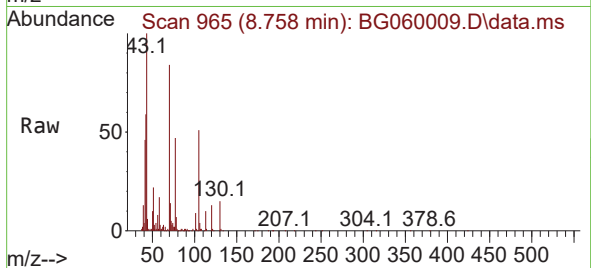
#19
n-Nitroso-di-n-propylamine
Concen: 41.547 ng
RT: 8.758 min Scan# 965
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

PB157712BS

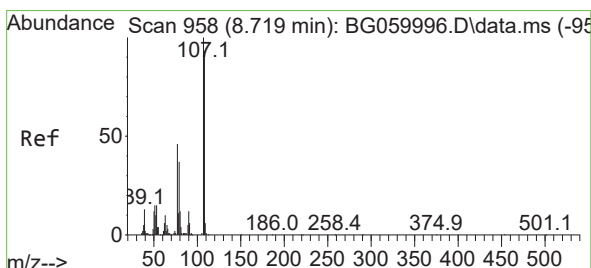
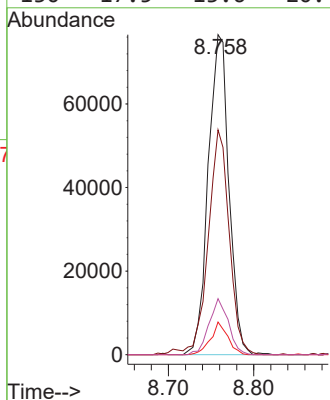
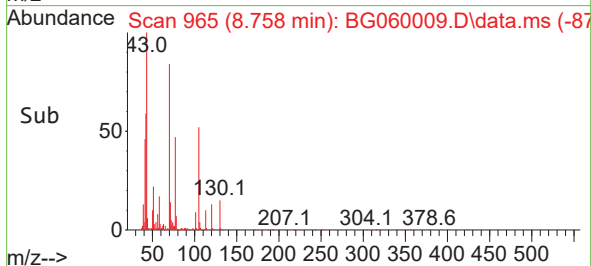


Tgt Ion: 70 Resp: 129330
Ion Ratio Lower Upper
70 100
42 70.2 48.6 73.0
101 10.2 5.7 8.5
130 17.5 13.6 20.4

Manual Integrations

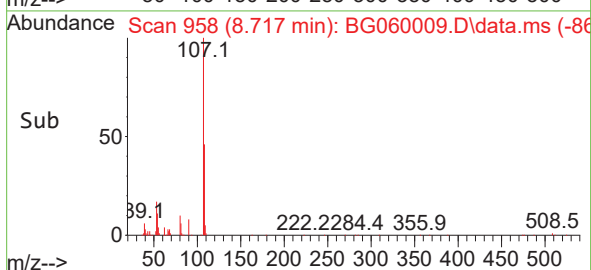
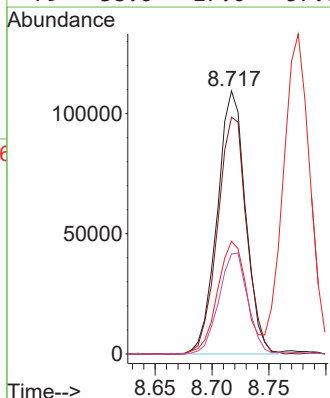
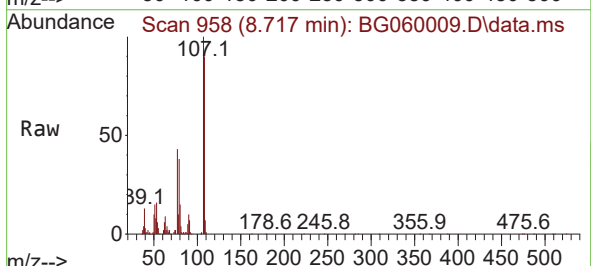
APPROVED

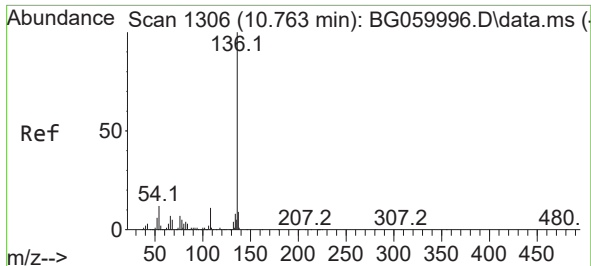
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#20
3+4-Methylphenols
Concen: 42.034 ng
RT: 8.717 min Scan# 958
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Tgt Ion:107 Resp: 189723
Ion Ratio Lower Upper
107 100
108 90.0 72.8 112.8
77 42.9 25.6 65.6
79 38.0 17.0 57.0





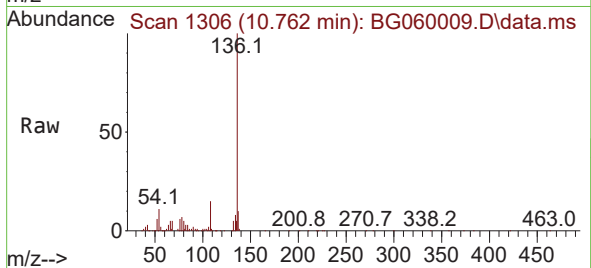
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 1306
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

PB157712BS

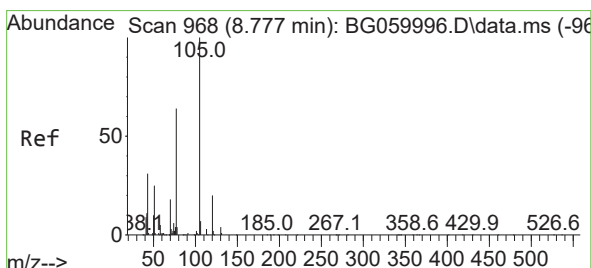
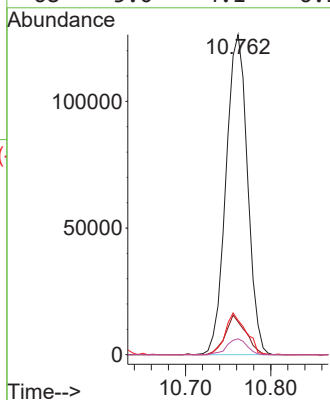
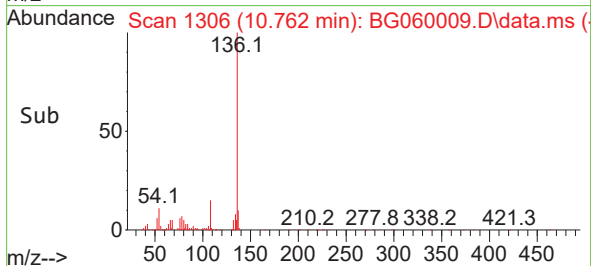


Tgt Ion:136 Resp: 221338
Ion Ratio Lower Upper
136 100
137 10.3 7.3 10.9
54 10.7 9.6 14.4
68 5.0 4.1 6.1

Manual Integrations

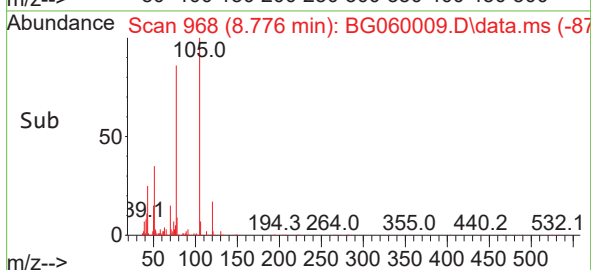
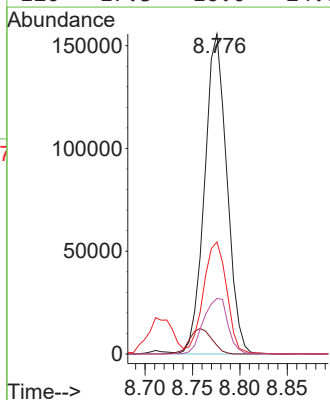
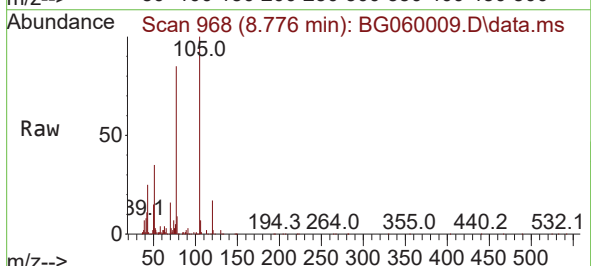
APPROVED

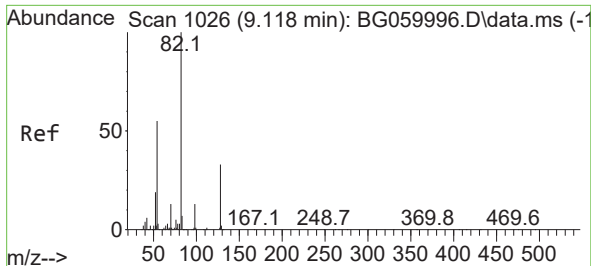
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#22
Acetophenone
Concen: 39.451 ng
RT: 8.776 min Scan# 968
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Tgt Ion:105 Resp: 254462
Ion Ratio Lower Upper
105 100
71 2.7 2.1 3.1
51 35.0 25.4 38.0
120 17.3 16.0 24.0





#23
Nitrobenzene-d5
Concen: 78.437 ng
RT: 9.117 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

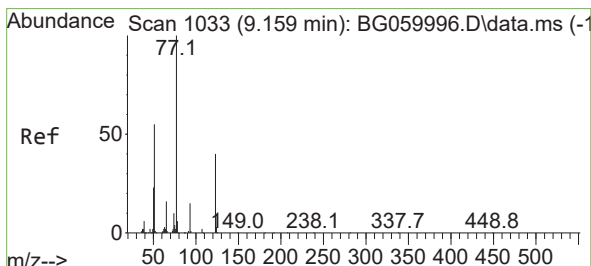
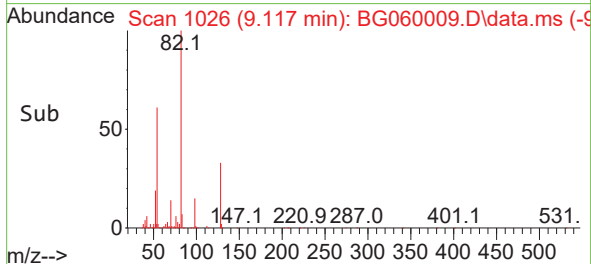
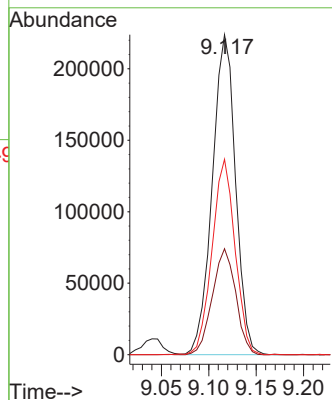
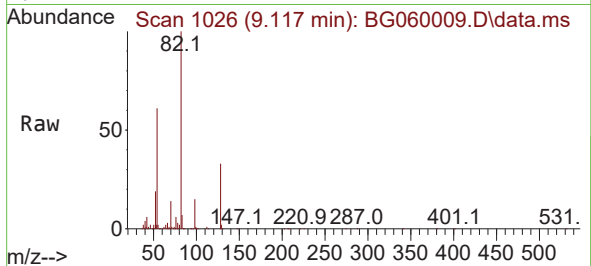
ClientSampleId :

PB157712BS

Tgt Ion: 82 Resp: 382336
Ion Ratio Lower Upper
82 100
128 33.1 26.3 39.5
54 61.0 44.3 66.5

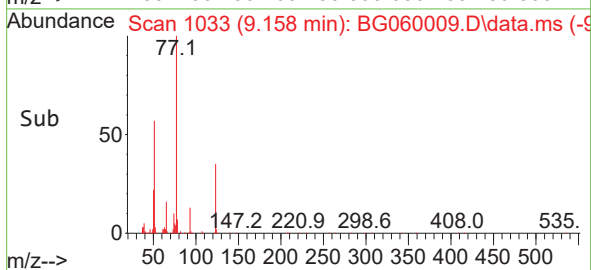
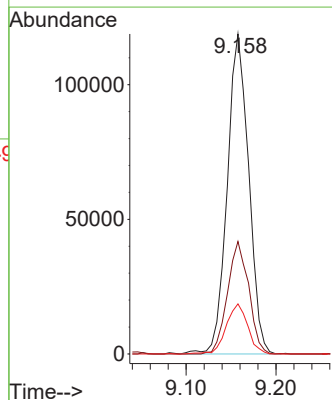
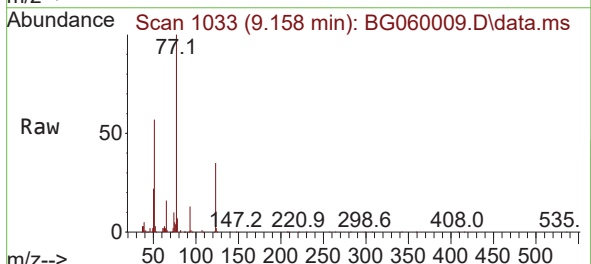
Manual Integrations
APPROVED

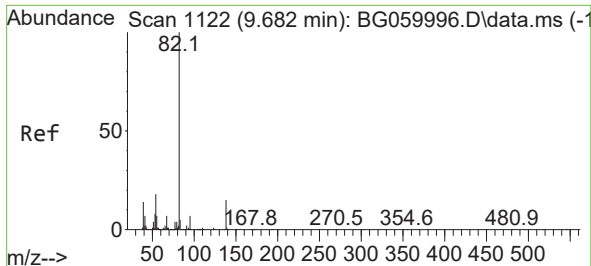
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#24
Nitrobenzene
Concen: 39.845 ng
RT: 9.158 min Scan# 1033
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Tgt Ion: 77 Resp: 197179
Ion Ratio Lower Upper
77 100
123 35.2 32.1 48.1
65 15.7 13.0 19.4





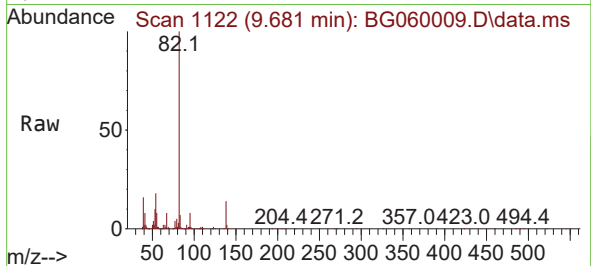
#25
Isophorone
Concen: 38.735 ng
RT: 9.681 min Scan# 1122
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

PB157712BS



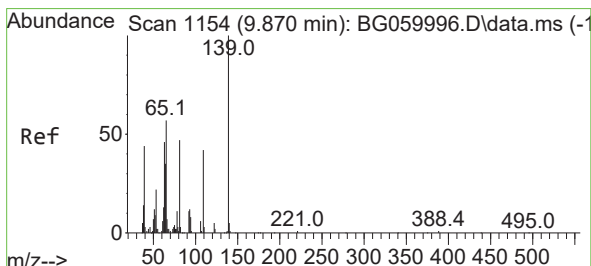
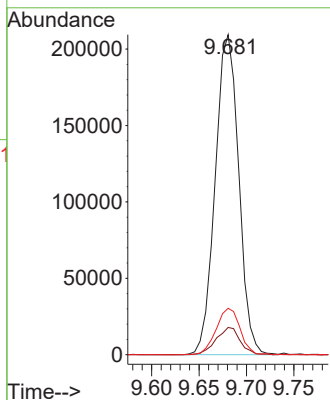
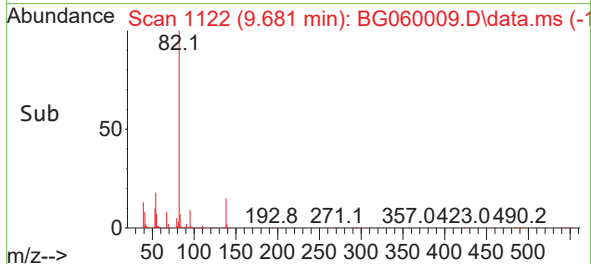
Tgt Ion: 82 Resp: 361368
Ion Ratio Lower Upper
82 100
95 8.5 5.8 8.8
138 14.5 11.6 17.4

Manual Integrations

APPROVED

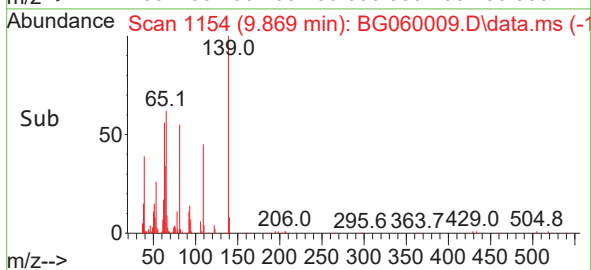
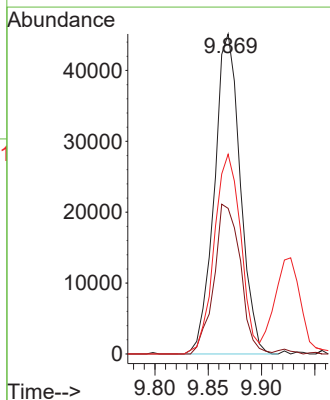
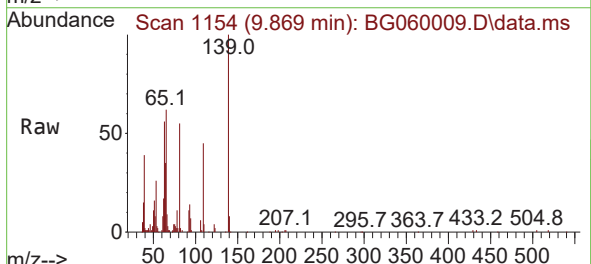
Reviewed By :Yogesh Patel 12/15/2023

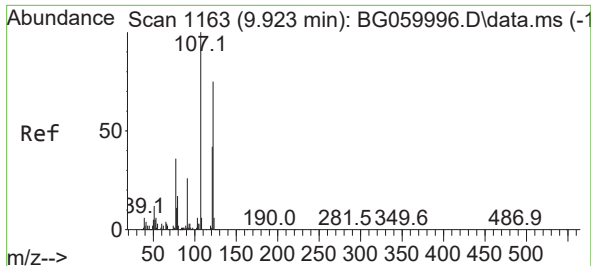
Supervised By :mohammad ahmed 12/16/2023



#26
2-Nitrophenol
Concen: 41.939 ng
RT: 9.869 min Scan# 1154
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Tgt Ion:139 Resp: 76327
Ion Ratio Lower Upper
139 100
109 45.5 33.8 50.6
65 62.4 45.2 67.8





#27

2,4-Dimethylphenol

Concen: 60.464 ng

RT: 9.921 min Scan# 1163

Delta R.T. -0.002 min

Lab File: BG060009.D

Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

PB157712BS

Tgt Ion:122 Resp: 150839

Ion Ratio Lower Upper

122 100

107 131.0 105.9 158.9

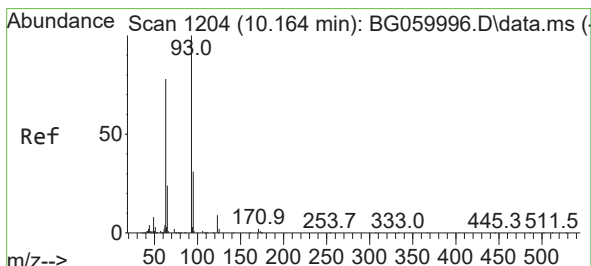
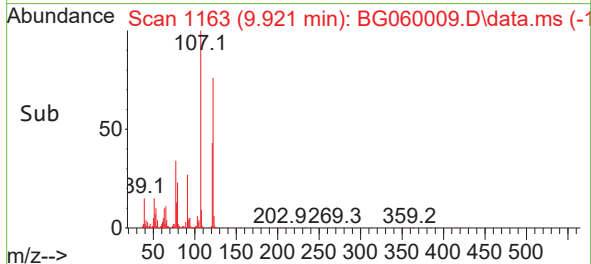
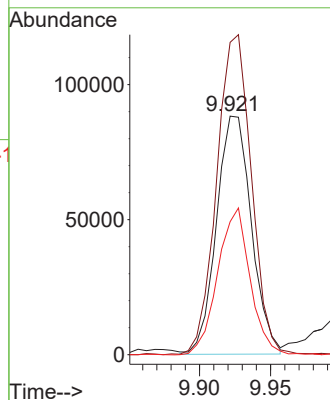
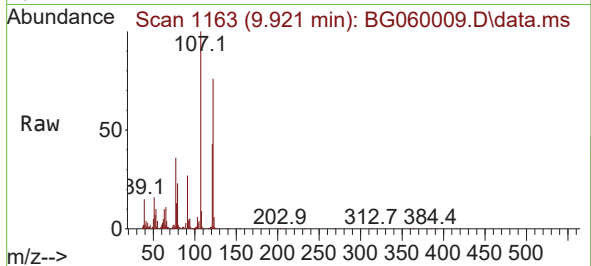
121 55.7 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/16/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.045 ng

RT: 10.168 min Scan# 1205

Delta R.T. 0.004 min

Lab File: BG060009.D

Acq: 14 Dec 2023 12:07

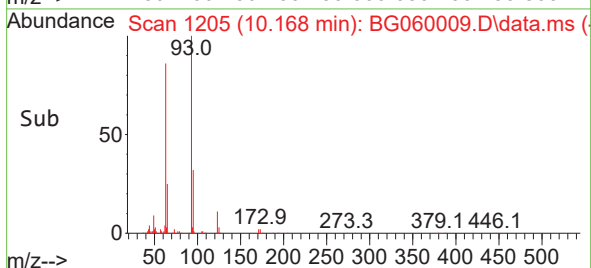
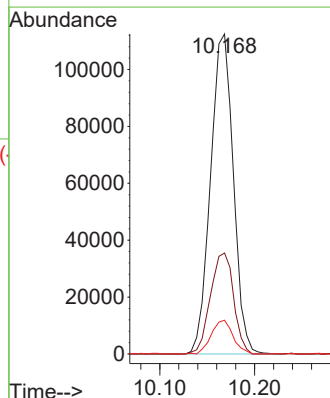
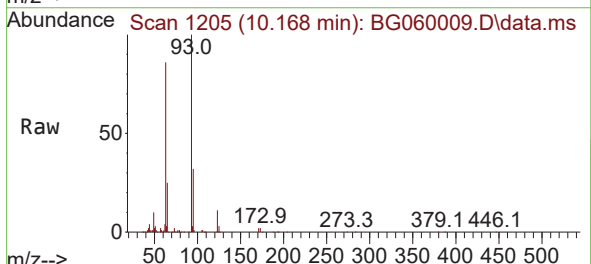
Tgt Ion: 93 Resp: 188068

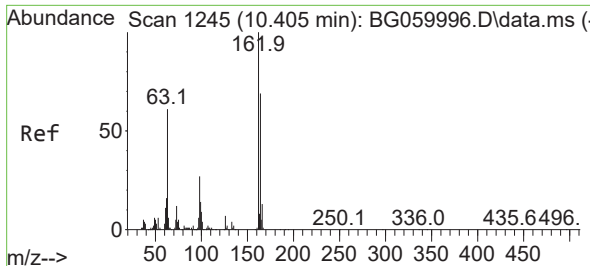
Ion Ratio Lower Upper

93 100

95 31.5 24.7 37.1

123 10.6 7.5 11.3





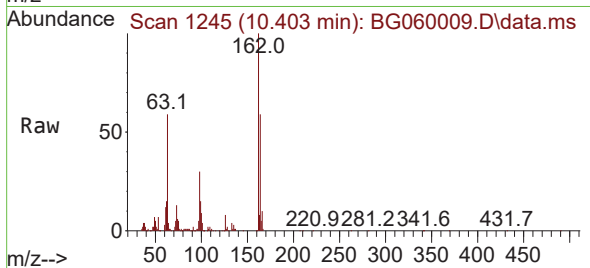
#29
2,4-Dichlorophenol
Concen: 45.290 ng
RT: 10.403 min Scan# 1245
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

PB157712BS



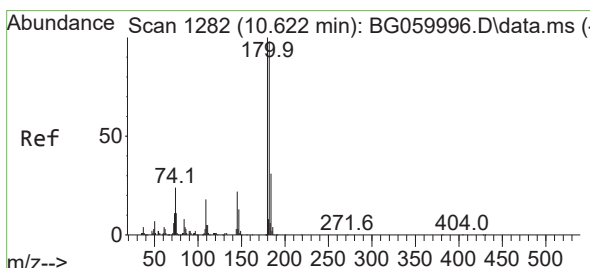
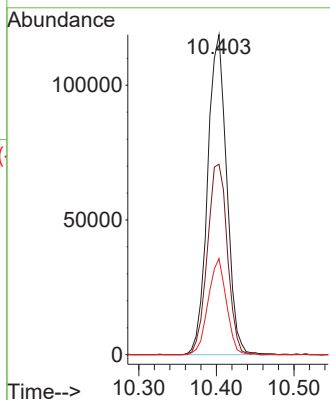
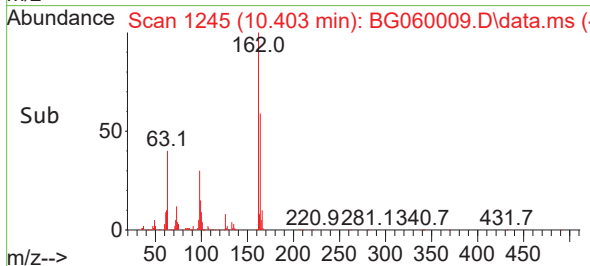
Tgt Ion:162 Resp: 202920
Ion Ratio Lower Upper
162 100
164 59.5 48.8 88.8
98 30.1 7.2 47.2

Manual Integrations

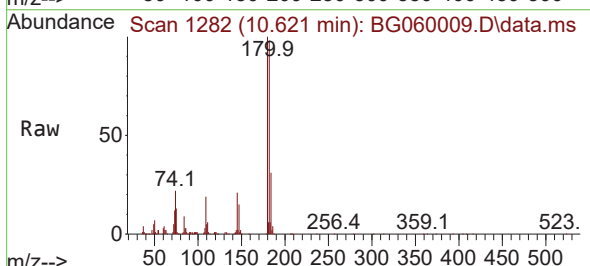
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

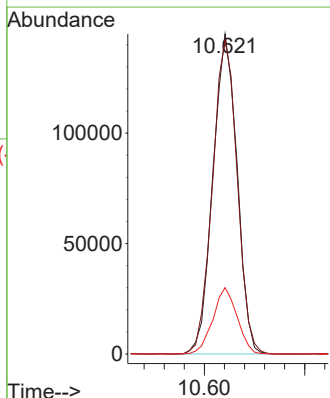
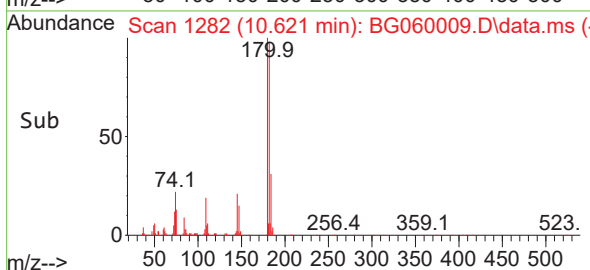
Supervised By :mohammad ahmed 12/16/2023

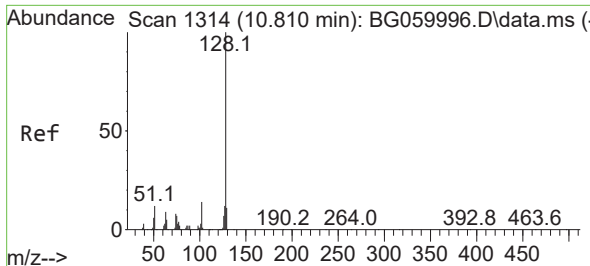


#30
1,2,4-Trichlorobenzene
Concen: 39.778 ng
RT: 10.621 min Scan# 1282
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07



Tgt Ion:180 Resp: 241250
Ion Ratio Lower Upper
180 100
182 98.1 78.2 117.4
145 20.7 17.2 25.8





#31
Naphthalene
Concen: 39.736 ng
RT: 10.809 min Scan# 1184
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

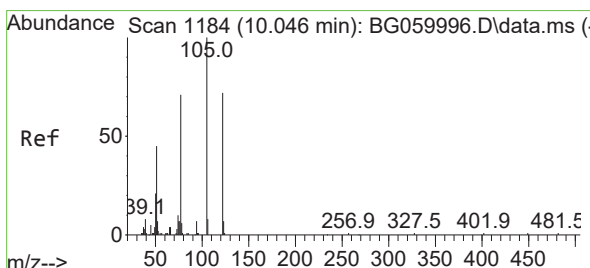
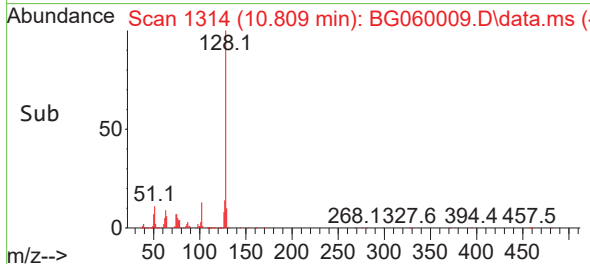
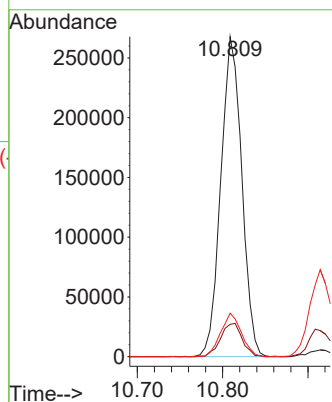
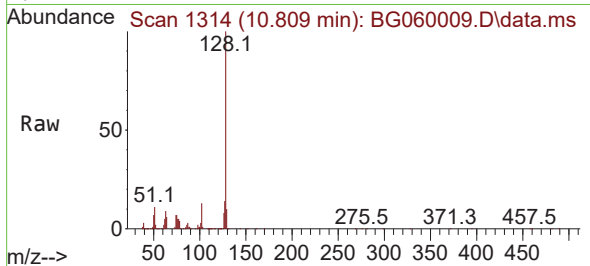
ClientSampleId :

PB157712BS

Tgt Ion:128 Resp: 457850
Ion Ratio Lower Upper
128 100
129 10.1 9.2 13.8
127 13.6 9.7 14.5

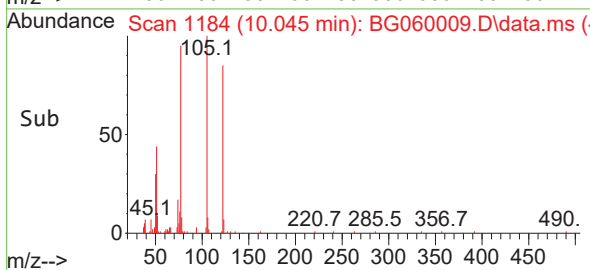
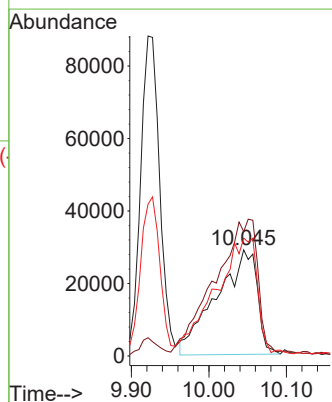
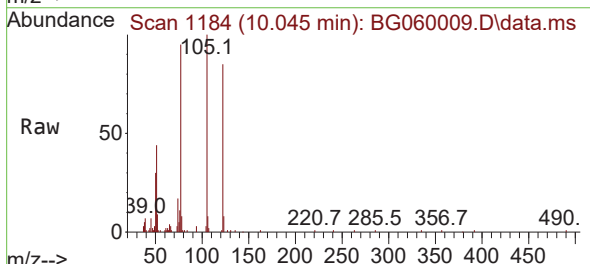
Manual Integrations
APPROVED

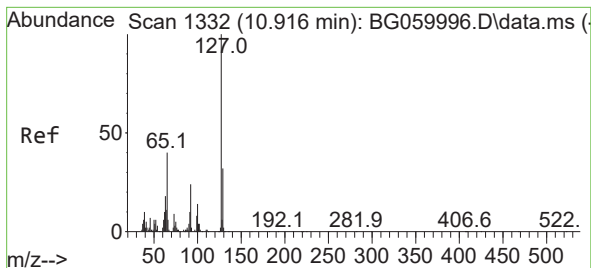
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#32
Benzoic acid
Concen: 46.362 ng
RT: 10.045 min Scan# 1184
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Tgt Ion:122 Resp: 105207
Ion Ratio Lower Upper
122 100
105 117.1 106.2 146.2
77 111.0 80.4 120.4





#33
4-Chloroaniline
Concen: 29.129 ng
RT: 10.914 min Scan# 1332
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

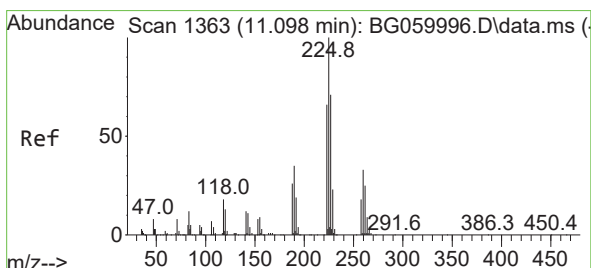
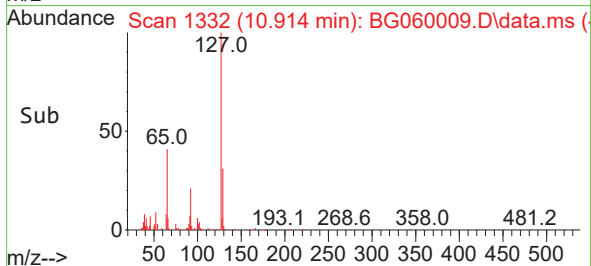
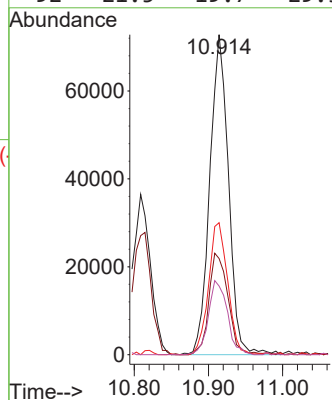
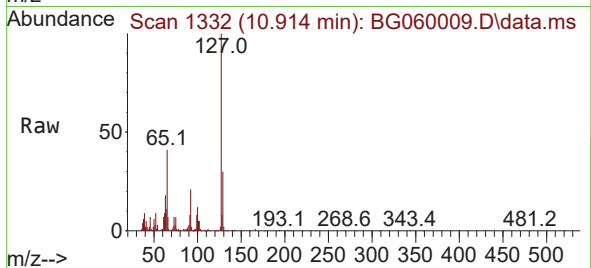
ClientSampleId :

PB157712BS

Tgt Ion:127 Resp: 127709
Ion Ratio Lower Upper
127 100
129 30.0 25.7 38.5
65 41.2 32.3 48.5
92 21.5 19.7 29.5

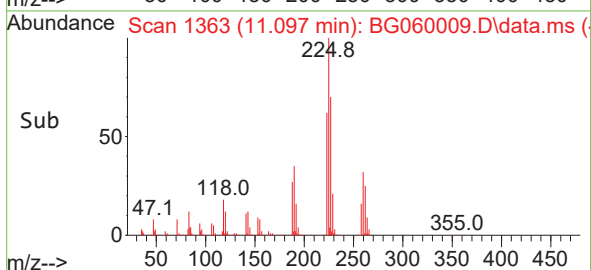
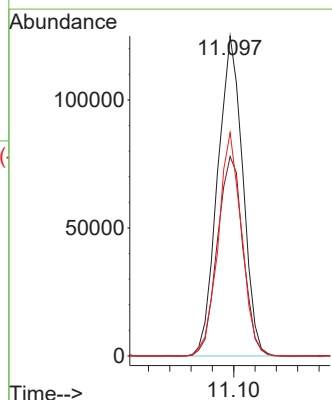
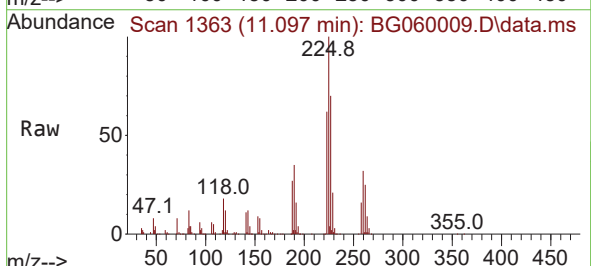
Manual Integrations
APPROVED

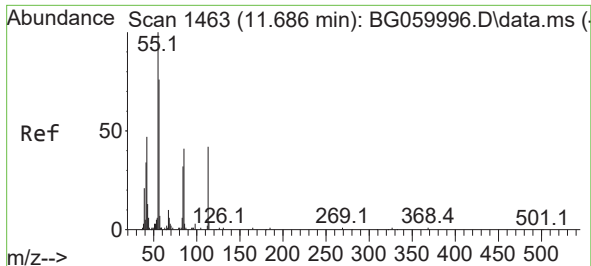
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#34
Hexachlorobutadiene
Concen: 36.805 ng
RT: 11.097 min Scan# 1363
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

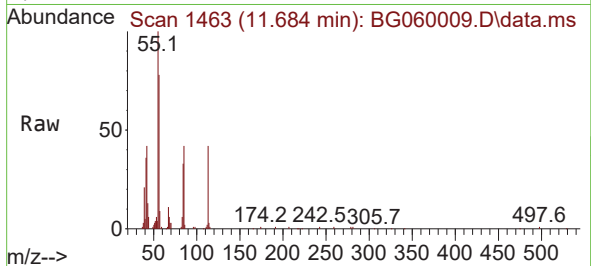
Tgt Ion:225 Resp: 204300
Ion Ratio Lower Upper
225 100
223 62.3 52.4 78.6
227 69.8 56.6 85.0





#35
Caprolactam
Concen: 47.163 ng m
RT: 11.684 min Scan# 1463
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

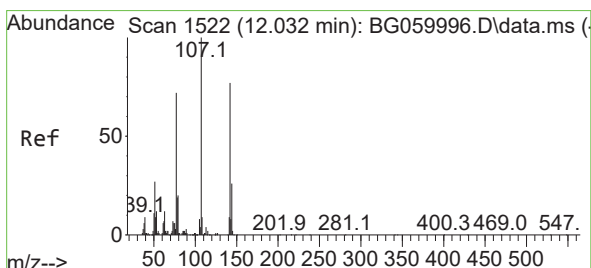
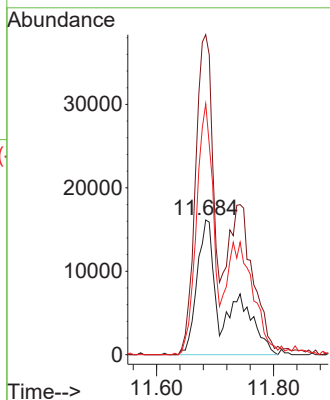
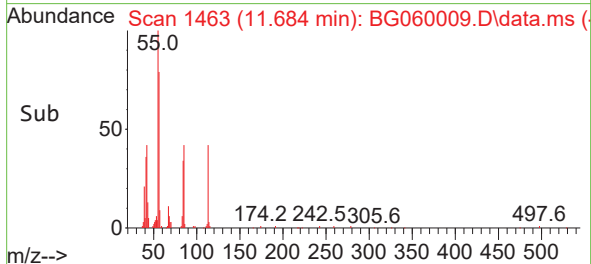
Instrument :
BNA_G
ClientSampleId :
PB157712BS



Tgt Ion:113 Resp: 5368
Ion Ratio Lower Upper
113 100
55 237.5 219.5 259.5
56 186.2 161.6 201.6

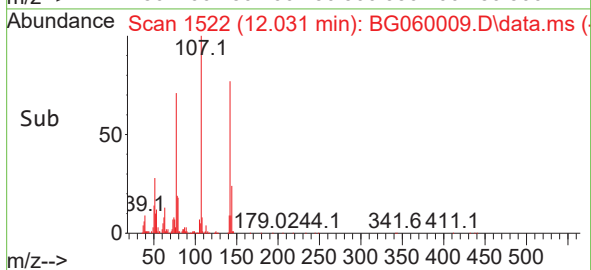
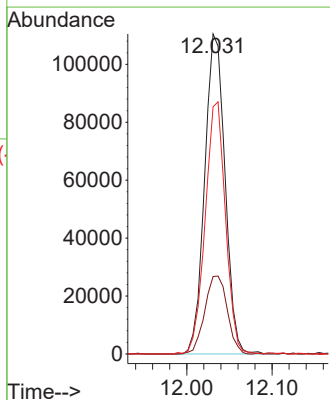
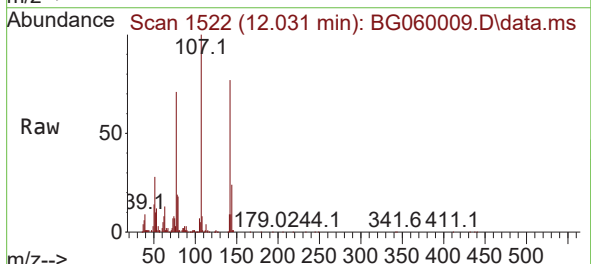
Manual Integrations
APPROVED

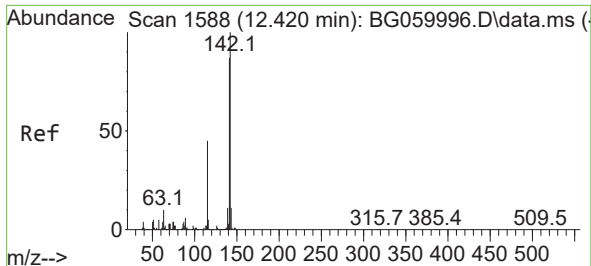
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#36
4-Chloro-3-methylphenol
Concen: 45.014 ng
RT: 12.031 min Scan# 1522
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Tgt Ion:107 Resp: 183430
Ion Ratio Lower Upper
107 100
144 24.2 20.4 30.6
142 77.3 61.4 92.0





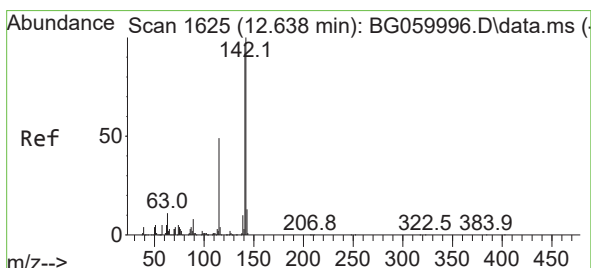
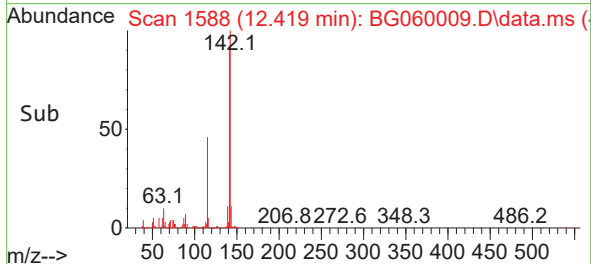
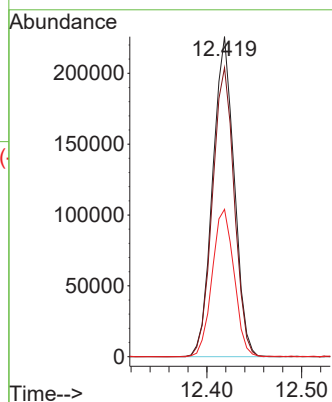
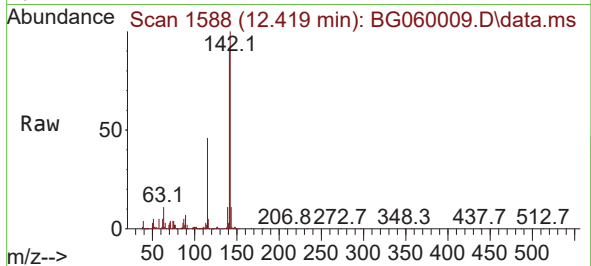
#37
2-Methylnaphthalene
Concen: 39.406 ng
RT: 12.419 min Scan# 1588
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :
BNA_G
ClientSampleId :
PB157712BS

Tgt Ion:142 Resp: 356118
Ion Ratio Lower Upper
142 100
141 90.3 69.9 104.9
115 46.1 36.1 54.1

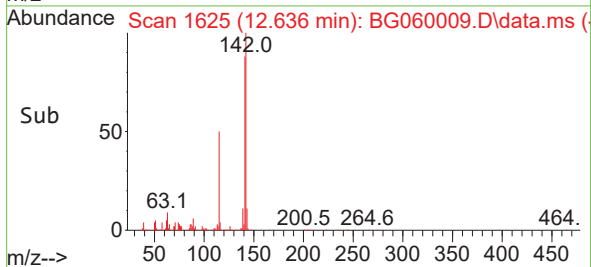
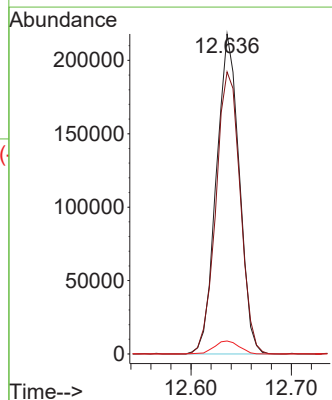
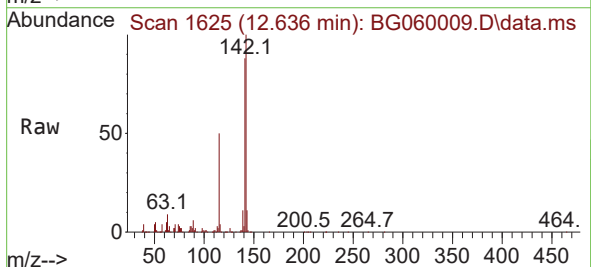
Manual Integrations
APPROVED

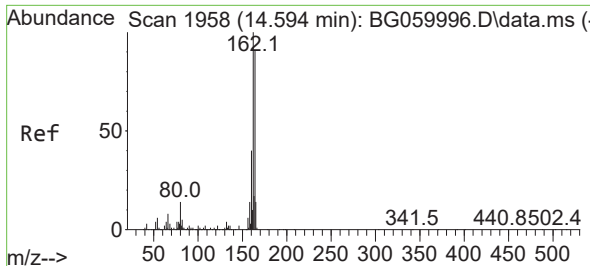
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#38
1-Methylnaphthalene
Concen: 38.624 ng
RT: 12.636 min Scan# 1625
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Tgt Ion:142 Resp: 344794
Ion Ratio Lower Upper
142 100
141 88.2 76.9 115.3
116 4.1 3.5 5.3





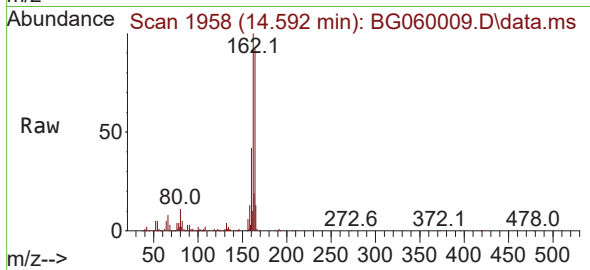
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

PB157712BS

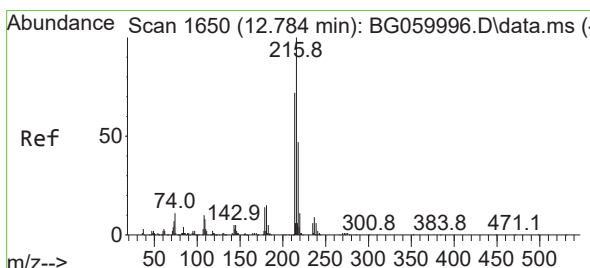
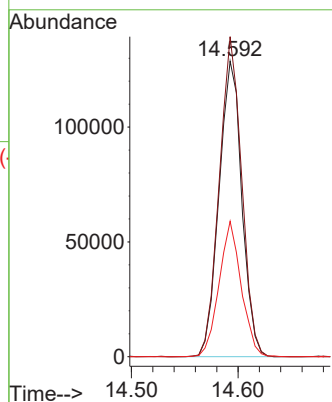
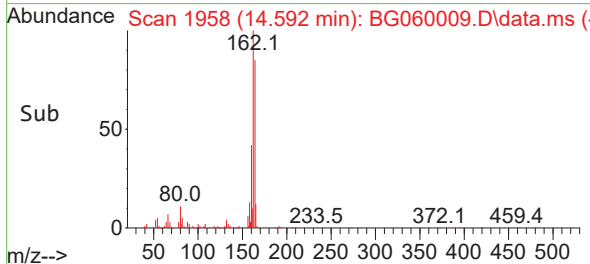


Tgt Ion:164 Resp: 190744
Ion Ratio Lower Upper
164 100
162 108.3 88.1 132.1
160 45.8 35.4 53.0

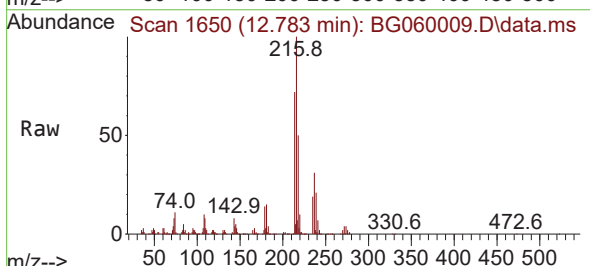
Manual Integrations

APPROVED

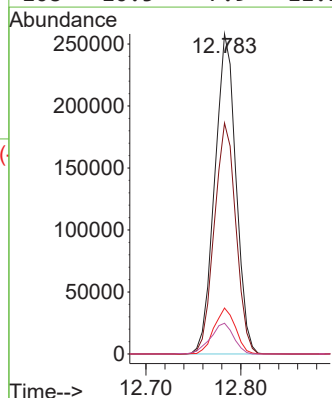
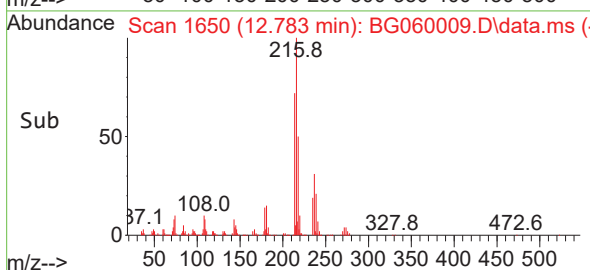
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

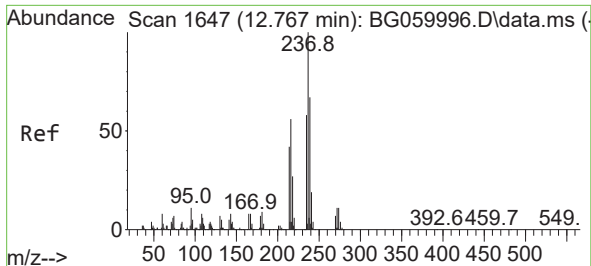


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.342 ng
RT: 12.783 min Scan# 1650
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07



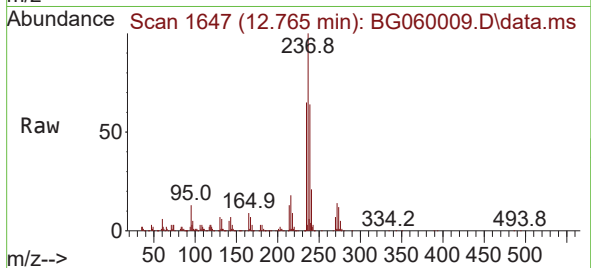
Tgt Ion:216 Resp: 401168
Ion Ratio Lower Upper
216 100
214 73.3 60.3 90.5
179 14.5 11.9 17.9
108 10.5 7.9 11.9





#41
Hexachlorocyclopentadiene
Concen: 113.128 ng
RT: 12.765 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

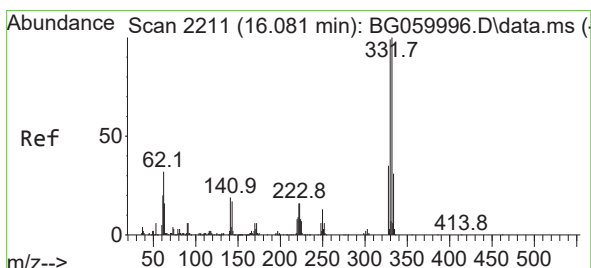
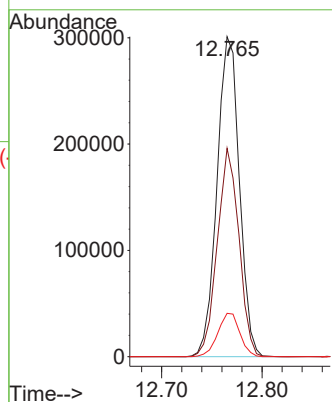
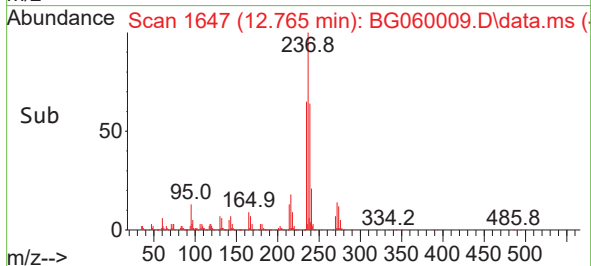
Instrument :
BNA_G
ClientSampleId :
PB157712BS



Tgt Ion:237 Resp: 46479
Ion Ratio Lower Upper
237 100
235 65.1 38.5 78.5
272 13.6 0.0 31.2

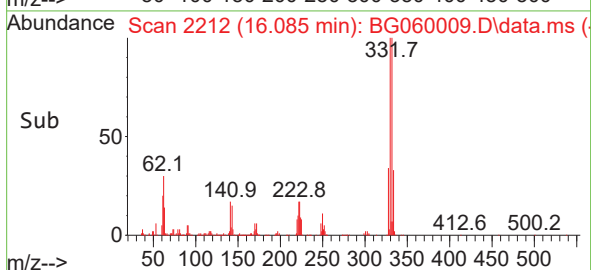
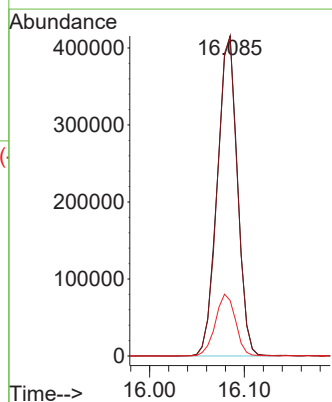
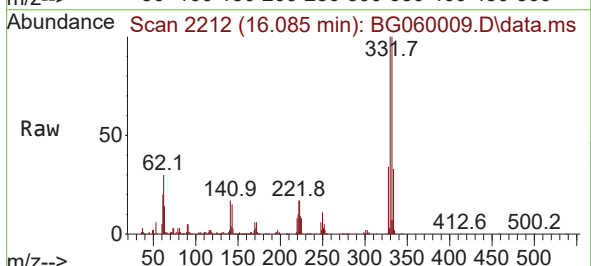
Manual Integrations
APPROVED

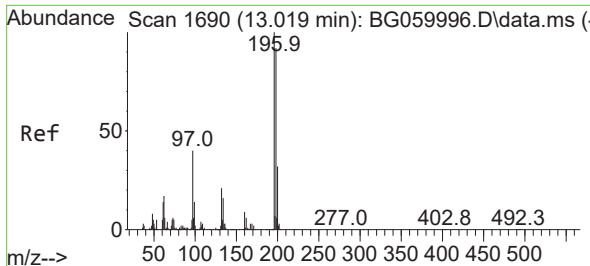
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#42
2,4,6-Tribromophenol
Concen: 137.842 ng
RT: 16.085 min Scan# 2212
Delta R.T. 0.004 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Tgt Ion:330 Resp: 612740
Ion Ratio Lower Upper
330 100
332 99.4 76.2 114.4
141 19.4 14.3 21.5





#43
2,4,6-Trichlorophenol
Concen: 42.828 ng
RT: 13.018 min Scan# 1690
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

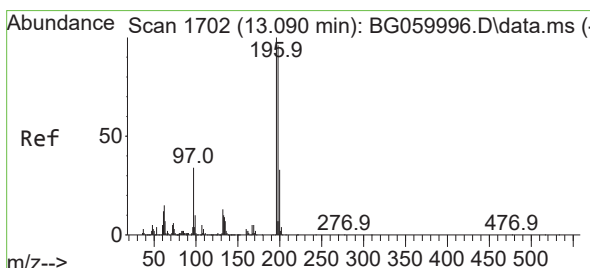
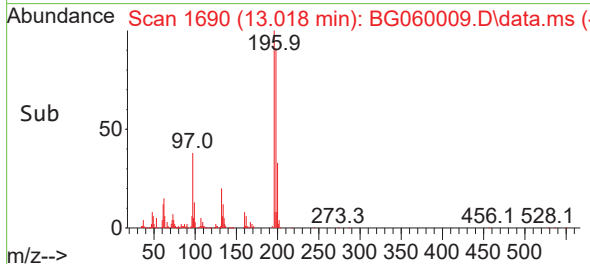
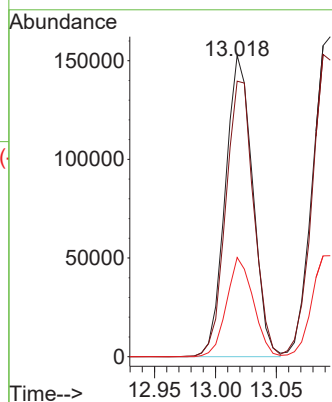
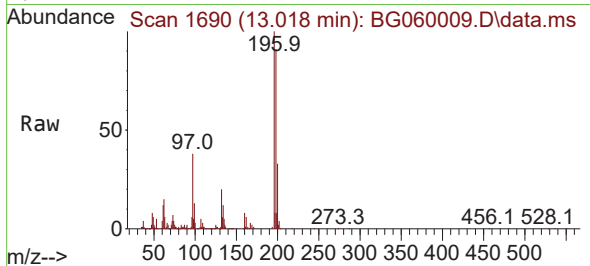
PB157712BS

Tgt Ion:196 Resp: 238788
Ion Ratio Lower Upper
196 100
198 91.5 73.4 110.0
200 32.9 26.1 39.1

Manual Integrations

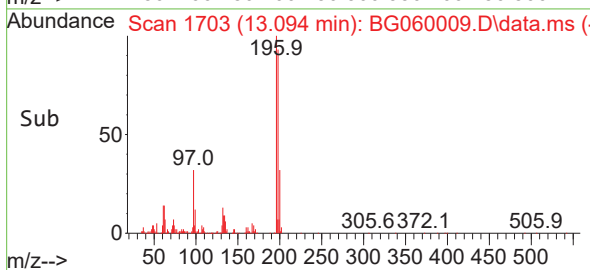
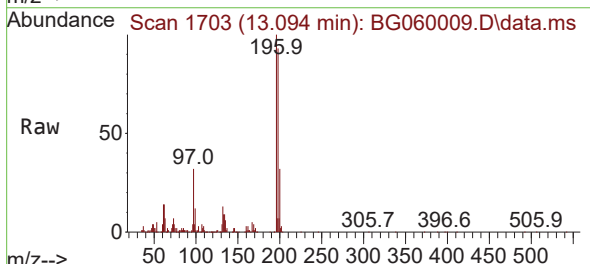
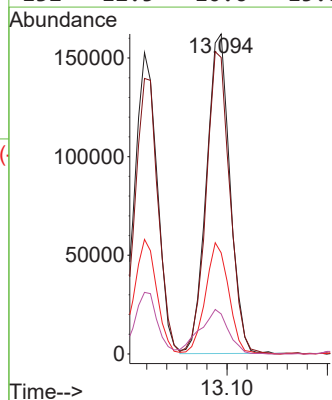
APPROVED

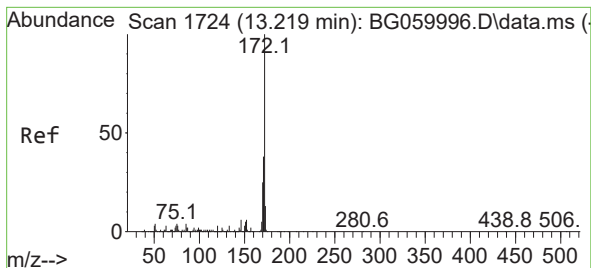
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#44
2,4,5-Trichlorophenol
Concen: 43.523 ng
RT: 13.094 min Scan# 1703
Delta R.T. 0.004 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Tgt Ion:196 Resp: 263950
Ion Ratio Lower Upper
196 100
198 92.7 76.4 114.6
97 31.6 27.0 40.4
132 12.5 10.6 15.8





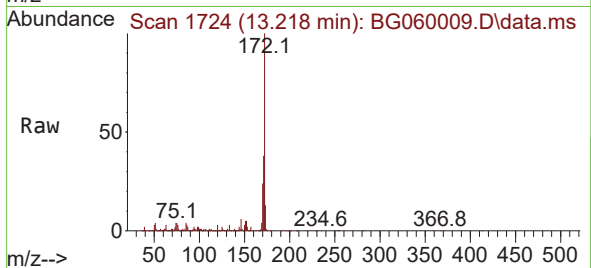
#45
2-Fluorobiphenyl
Concen: 76.439 ng
RT: 13.218 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

PB157712BS



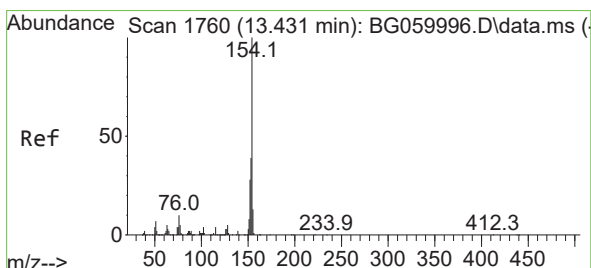
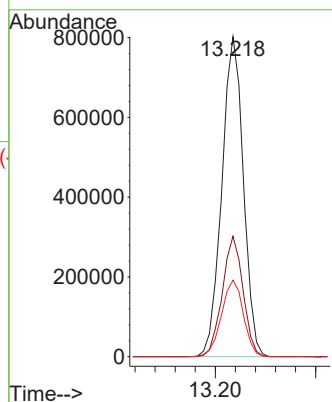
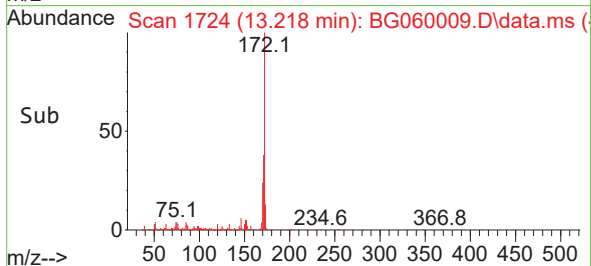
Tgt Ion:172 Resp: 1191298
Ion Ratio Lower Upper
172 100
171 37.6 30.1 45.1
170 23.9 20.0 30.0

Manual Integrations

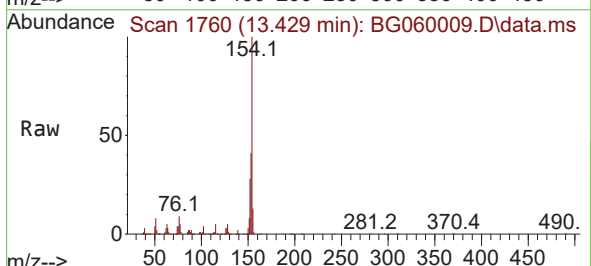
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

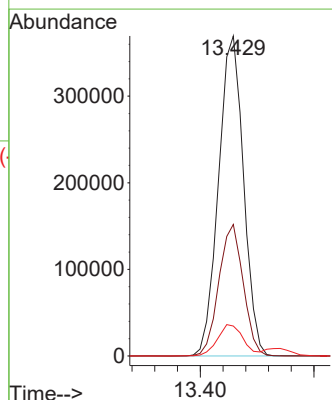
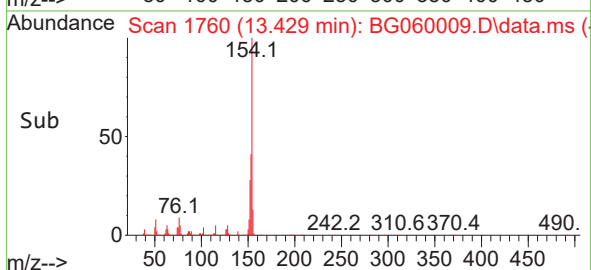
Supervised By :mohammad ahmed 12/16/2023

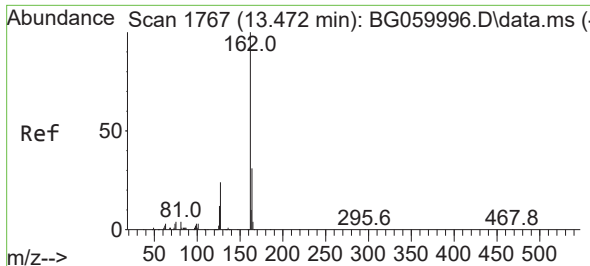


#46
1,1'-Biphenyl
Concen: 39.819 ng
RT: 13.429 min Scan# 1760
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07



Tgt Ion:154 Resp: 563266
Ion Ratio Lower Upper
154 100
153 41.1 19.2 59.2
76 9.4 0.0 29.9





#47
2-Chloronaphthalene
Concen: 38.371 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

PB157712BS

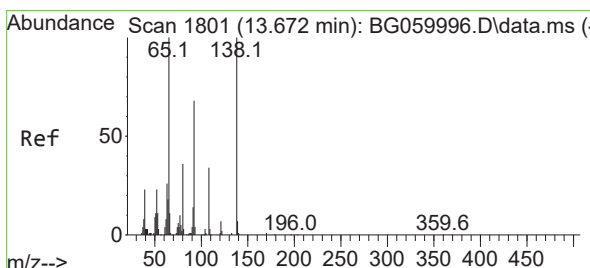
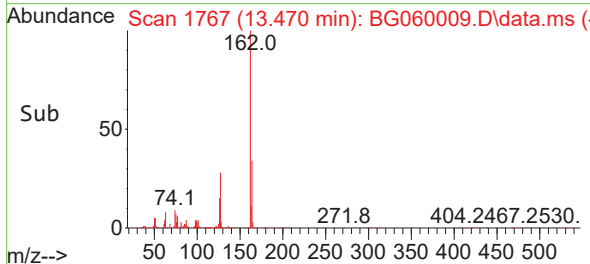
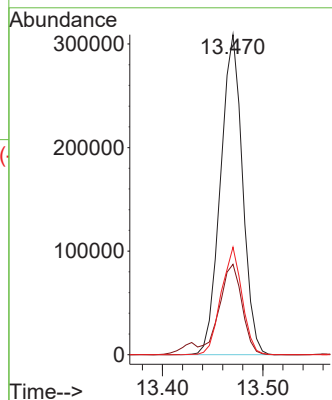
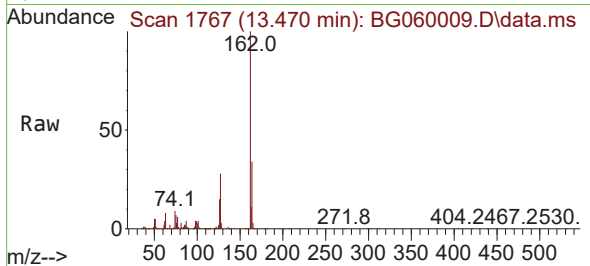
Tgt Ion:162 Resp: 470072
Ion Ratio Lower Upper
162 100
127 28.3 21.8 32.6
164 33.6 25.2 37.8

Manual Integrations

APPROVED

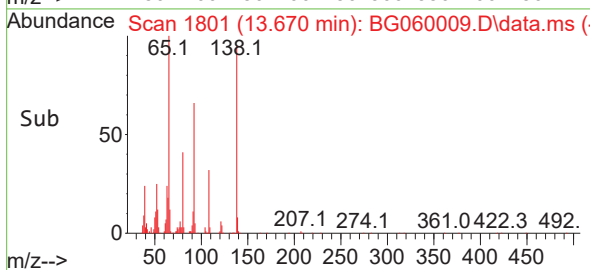
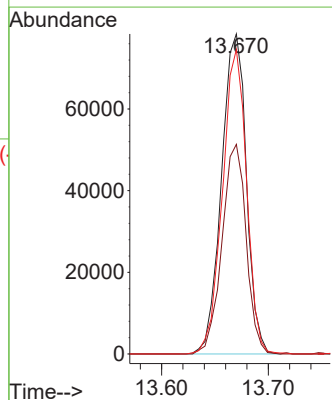
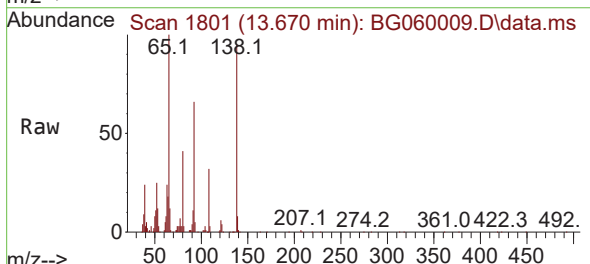
Reviewed By :Yogesh Patel 12/15/2023

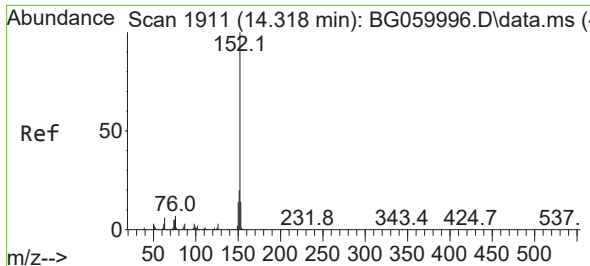
Supervised By :mohammad ahmed 12/16/2023



#48
2-Nitroaniline
Concen: 47.944 ng
RT: 13.670 min Scan# 1801
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Tgt Ion: 65 Resp: 126789
Ion Ratio Lower Upper
65 100
92 65.5 54.6 81.8
138 95.2 80.2 120.2





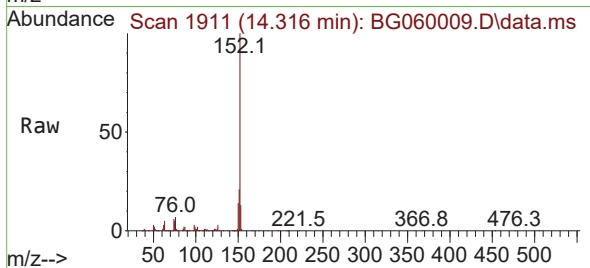
#49
Acenaphthylene
Concen: 41.623 ng
RT: 14.316 min Scan# 1911
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

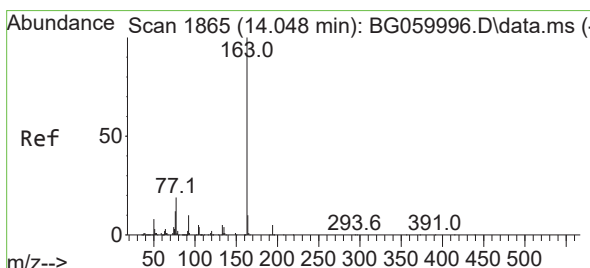
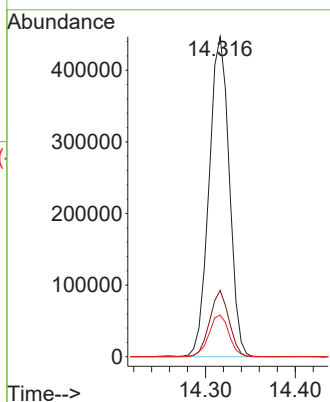
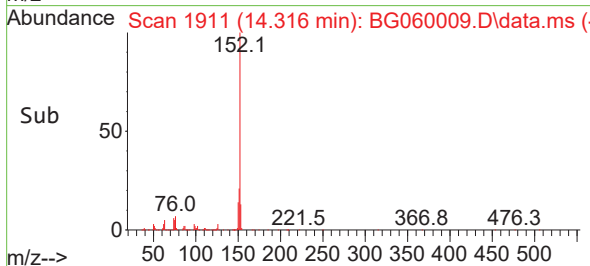
PB157712BS



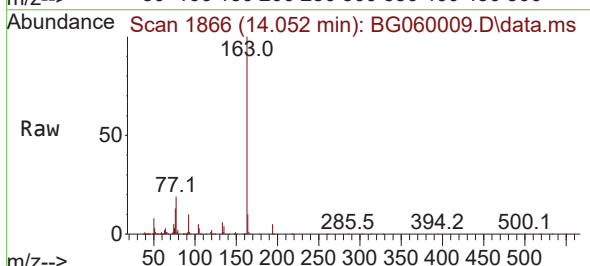
Tgt Ion:152 Resp: 697490
Ion Ratio Lower Upper
152 100
151 20.7 15.8 23.8
153 13.0 11.0 16.4

Manual Integrations
APPROVED

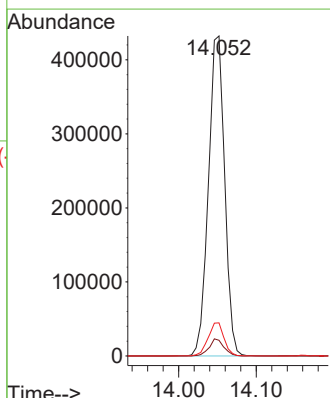
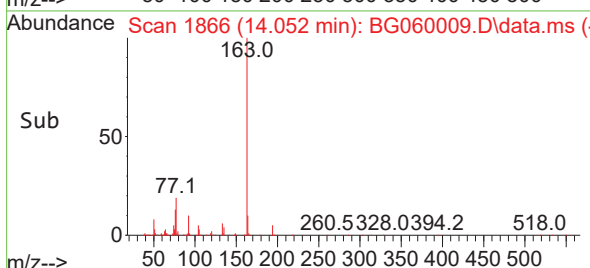
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

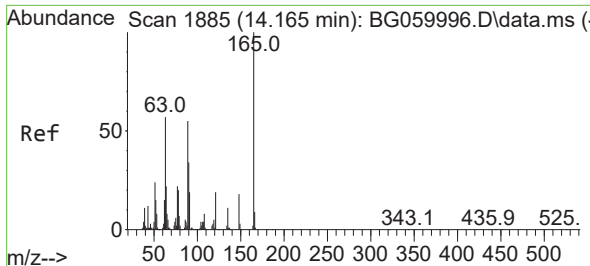


#50
Dimethylphthalate
Concen: 42.466 ng
RT: 14.052 min Scan# 1866
Delta R.T. 0.004 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07



Tgt Ion:163 Resp: 628744
Ion Ratio Lower Upper
163 100
194 4.9 3.7 5.5
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 43.522 ng
RT: 14.164 min Scan# 1885
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

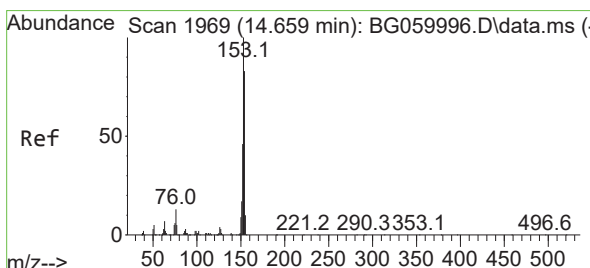
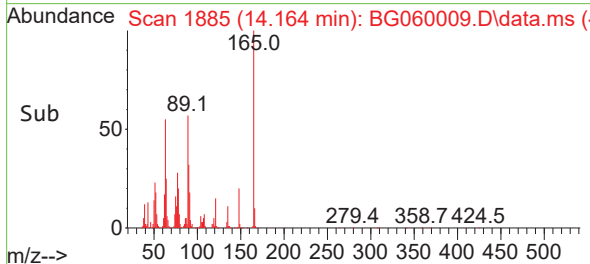
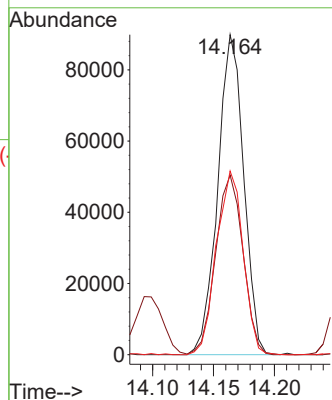
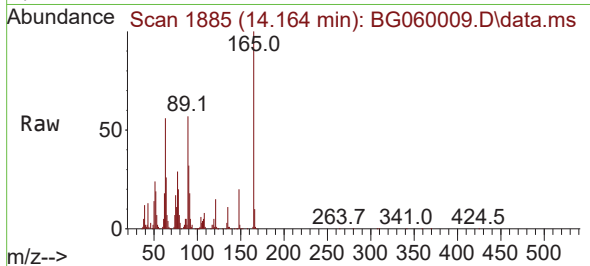
ClientSampleId :

PB157712BS

Tgt Ion:165 Resp: 13348
Ion Ratio Lower Upper
165 100
63 56.1 48.2 72.2
89 57.4 44.4 66.6

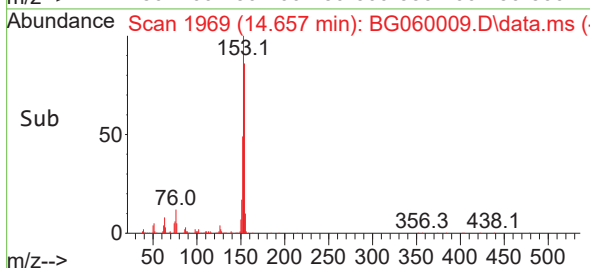
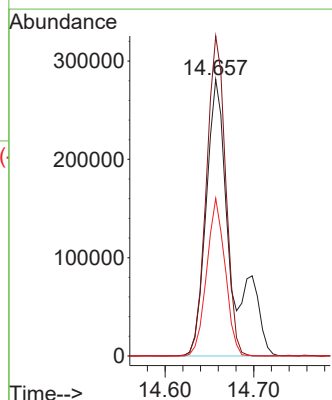
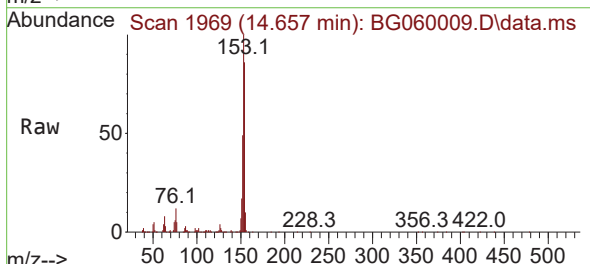
Manual Integrations
APPROVED

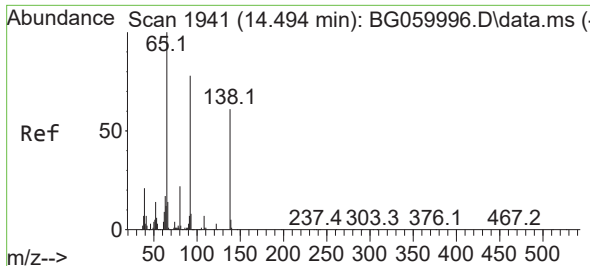
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#52
Acenaphthene
Concen: 47.441 ng m
RT: 14.657 min Scan# 1969
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Tgt Ion:154 Resp: 547251
Ion Ratio Lower Upper
154 100
153 115.7 96.0 144.0
152 57.0 44.3 66.5





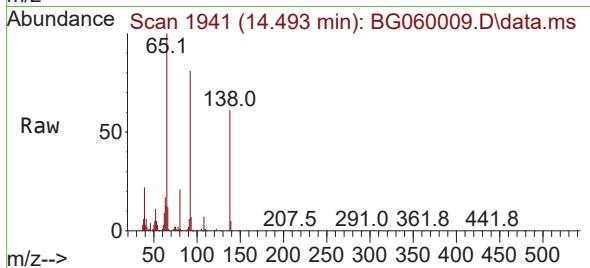
#53
3-Nitroaniline
Concen: 37.379 ng
RT: 14.493 min Scan# 1941
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

PB157712BS



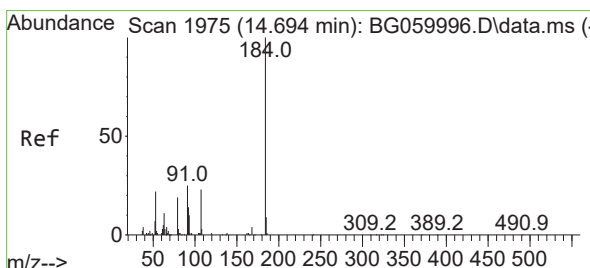
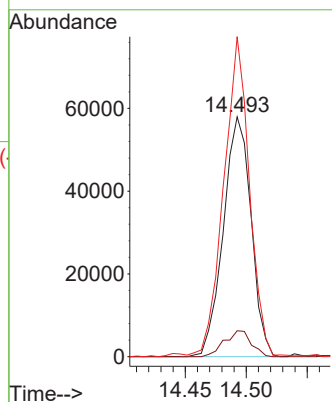
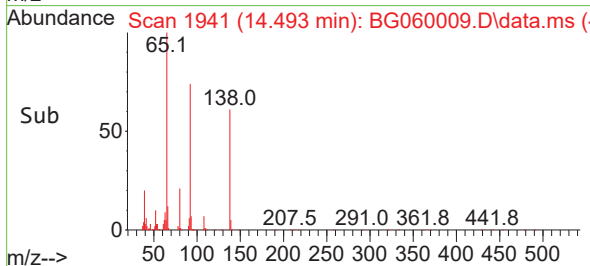
Tgt Ion:138 Resp: 91609
Ion Ratio Lower Upper
138 100
108 10.8 8.9 13.3
92 133.4 102.1 153.1

Manual Integrations

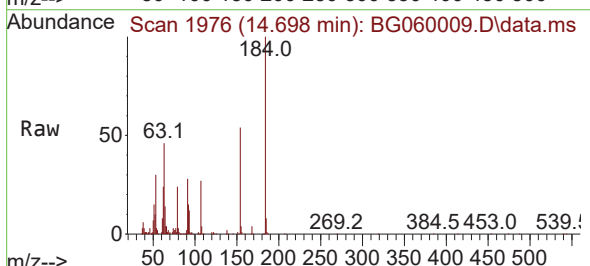
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

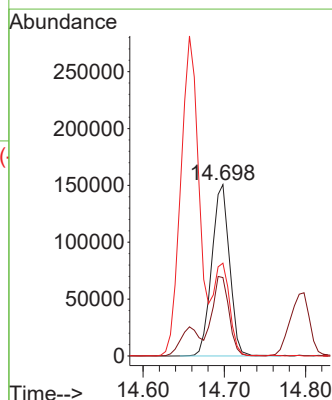
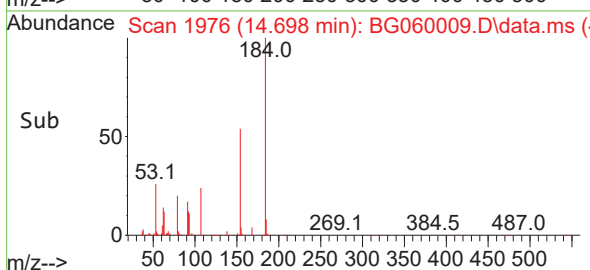
Supervised By :mohammad ahmed 12/16/2023

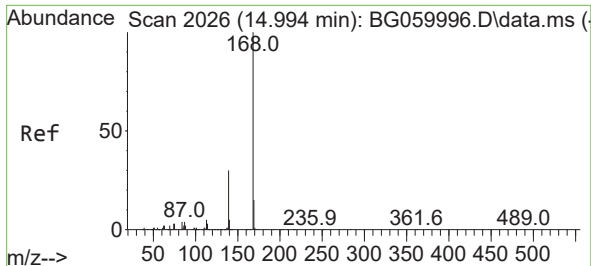


#54
2,4-Dinitrophenol
Concen: 101.094 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.004 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07



Tgt Ion:184 Resp: 228438
Ion Ratio Lower Upper
184 100
63 45.7 35.5 53.3
154 54.1 36.7 55.1





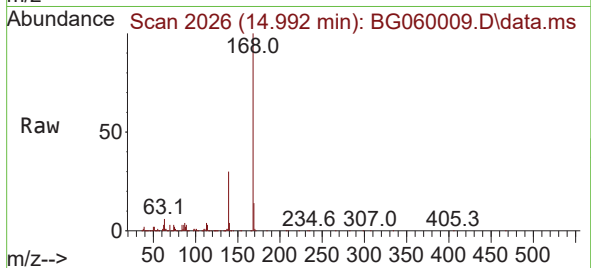
#55
Dibenzenofuran
Concen: 41.857 ng
RT: 14.992 min Scan# 2026
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

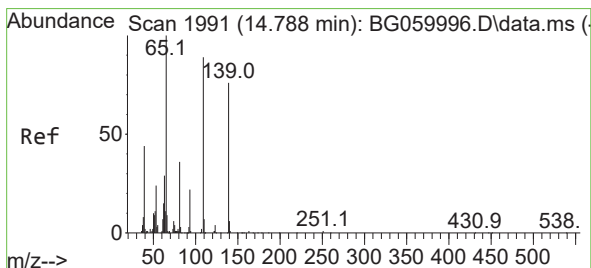
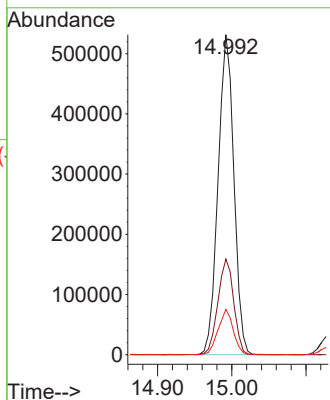
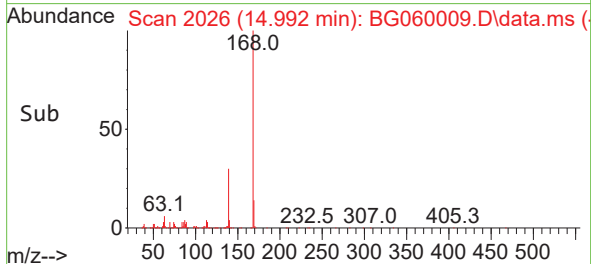
PB157712BS



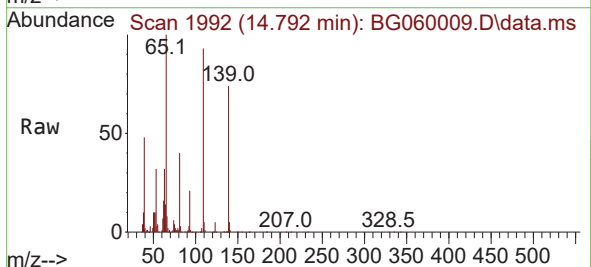
Tgt Ion:168 Resp: 78587
Ion Ratio Lower Upper
168 100
139 29.9 24.0 36.0
169 14.2 11.8 17.8

Manual Integrations
APPROVED

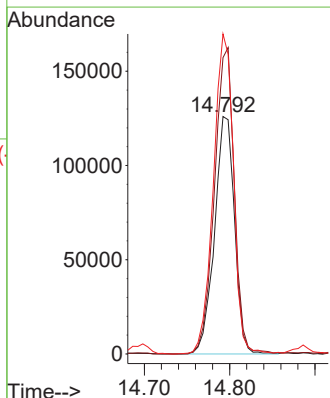
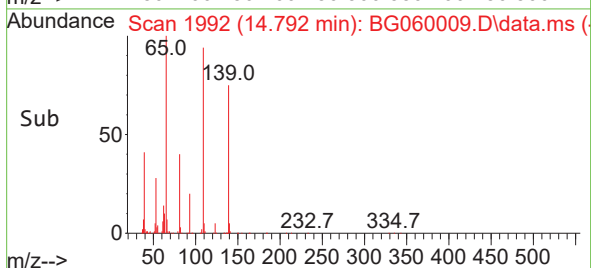
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

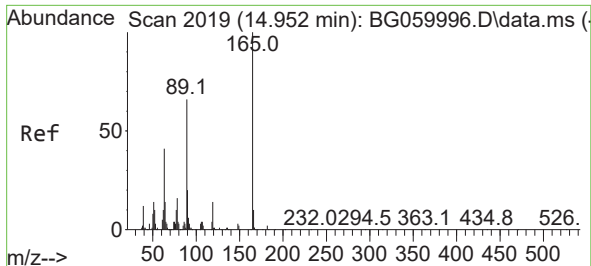


#56
4-Nitrophenol
Concen: 99.543 ng
RT: 14.792 min Scan# 1992
Delta R.T. 0.004 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07



Tgt Ion:139 Resp: 205034
Ion Ratio Lower Upper
139 100
109 124.8 97.2 137.2
65 134.8 112.2 152.2





#57
2,4-Dinitrotoluene
Concen: 46.055 ng
RT: 14.951 min Scan# 2019
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

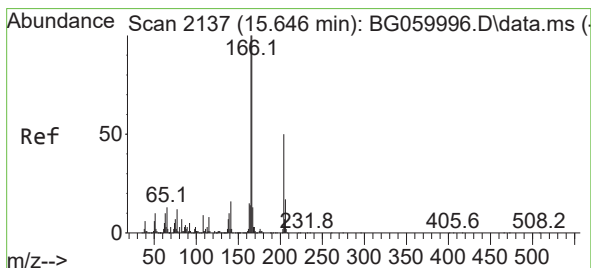
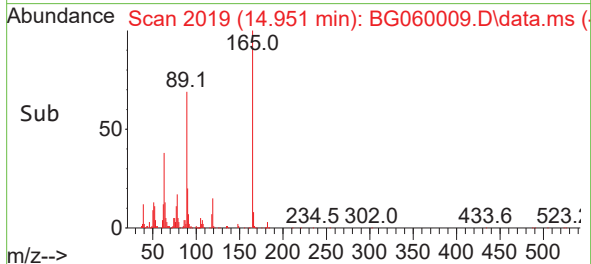
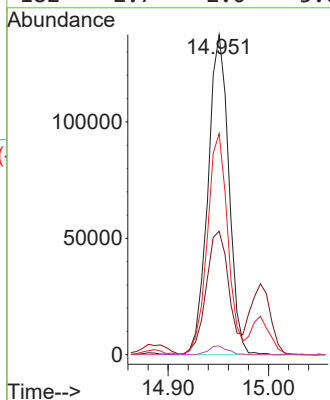
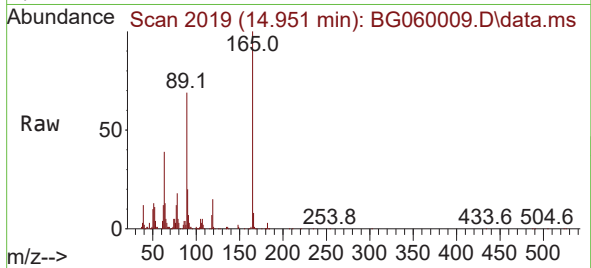
PB157712BS

Tgt Ion:165 Resp: 198560
Ion Ratio Lower Upper
165 100
63 38.6 32.8 49.2
89 69.1 53.0 79.6
182 2.7 2.0 3.0

Manual Integrations

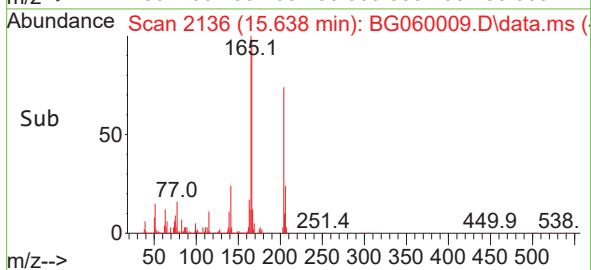
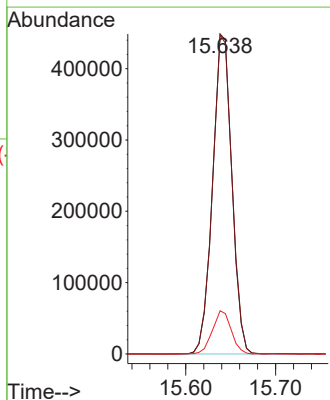
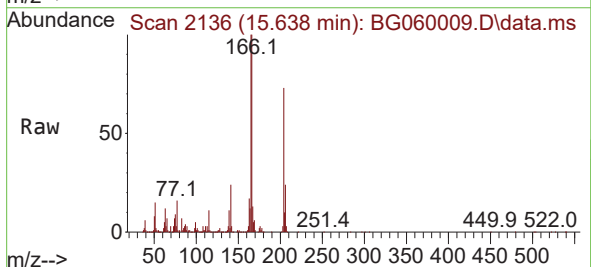
APPROVED

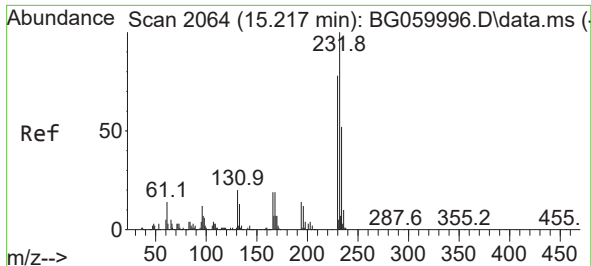
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#58
Fluorene
Concen: 42.111 ng
RT: 15.638 min Scan# 2136
Delta R.T. -0.008 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Tgt Ion:166 Resp: 666710
Ion Ratio Lower Upper
166 100
165 99.8 80.2 120.2
167 13.5 10.3 15.5





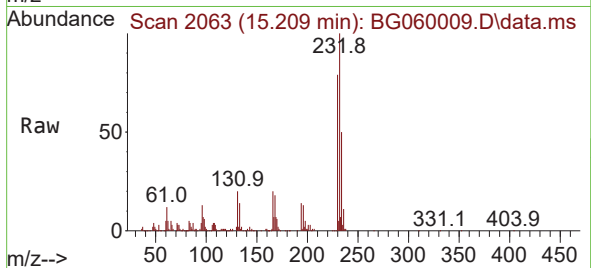
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.462 ng
RT: 15.209 min Scan# 2063
Delta R.T. -0.008 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

PB157712BS

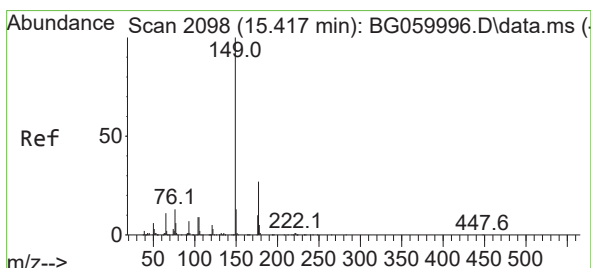
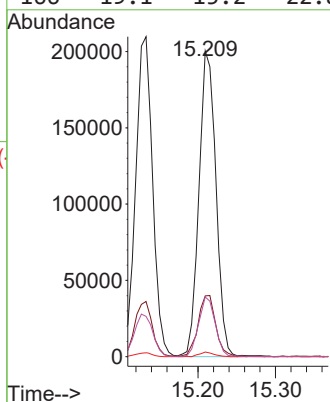
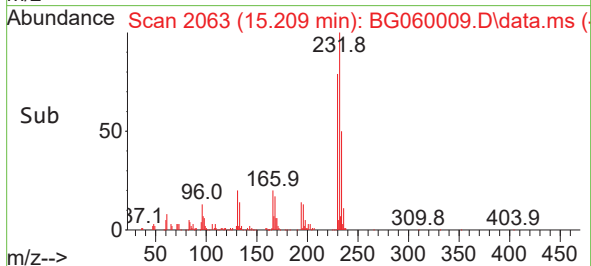


Tgt Ion:232 Resp: 305936
Ion Ratio Lower Upper
232 100
131 20.8 17.6 26.4
130 1.3 1.0 1.6
166 19.1 15.2 22.8

Manual Integrations

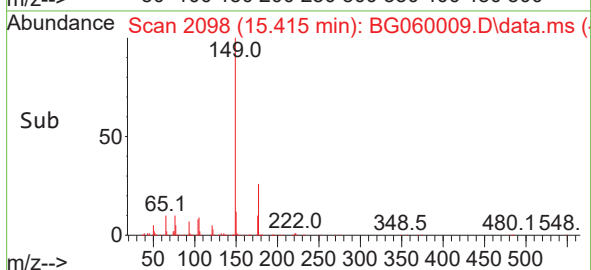
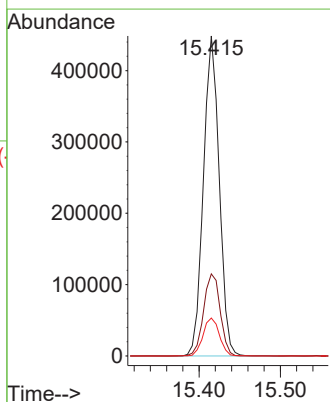
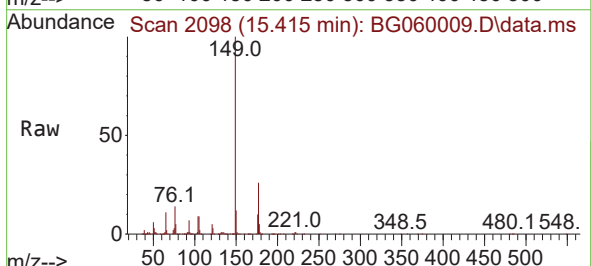
APPROVED

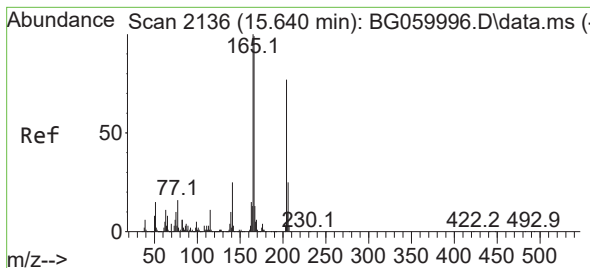
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#60
Diethylphthalate
Concen: 44.384 ng
RT: 15.415 min Scan# 2098
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Tgt Ion:149 Resp: 604636
Ion Ratio Lower Upper
149 100
177 25.6 21.5 32.3
150 11.8 10.3 15.5





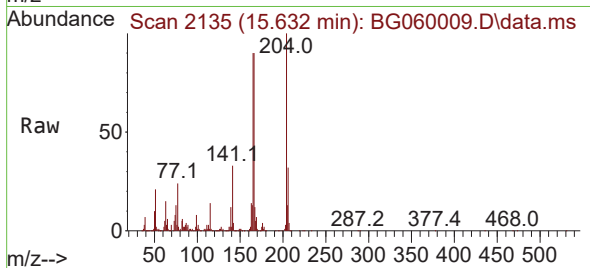
#61
4-Chlorophenyl-phenylether
Concen: 42.632 ng
RT: 15.632 min Scan# 2135
Delta R.T. -0.008 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

PB157712BS

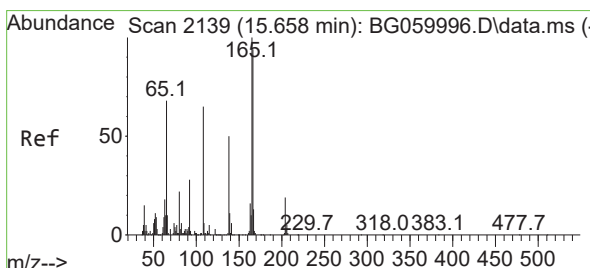
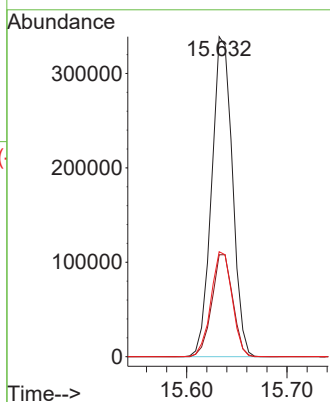
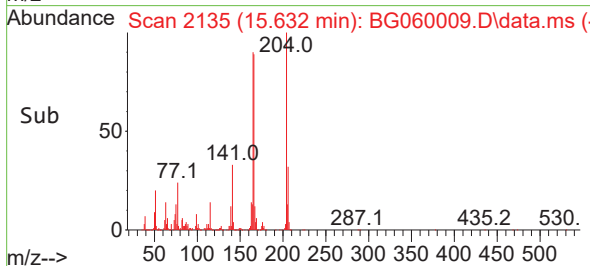


Tgt Ion:204 Resp: 48610
Ion Ratio Lower Upper
204 100
206 31.9 25.9 38.9
141 32.8 25.6 38.4

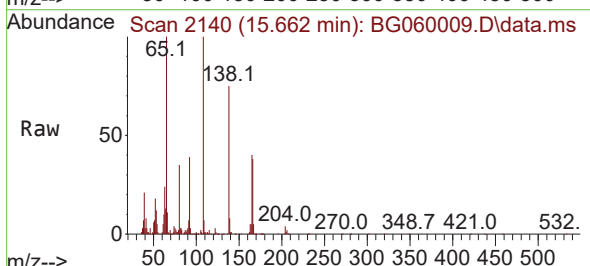
Manual Integrations

APPROVED

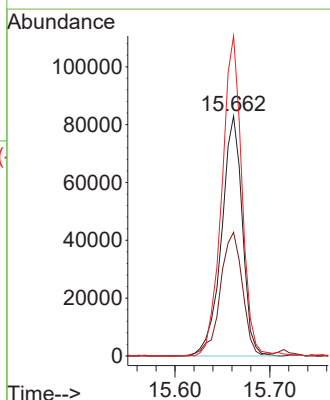
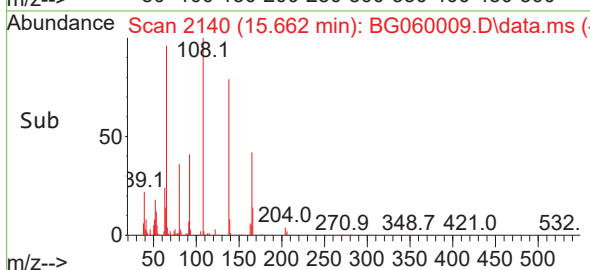
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

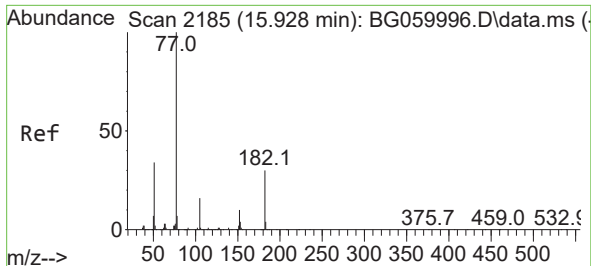


#62
4-Nitroaniline
Concen: 47.286 ng
RT: 15.662 min Scan# 2140
Delta R.T. 0.004 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07



Tgt Ion:138 Resp: 126194
Ion Ratio Lower Upper
138 100
92 51.6 36.3 76.3
108 133.4 109.3 149.3





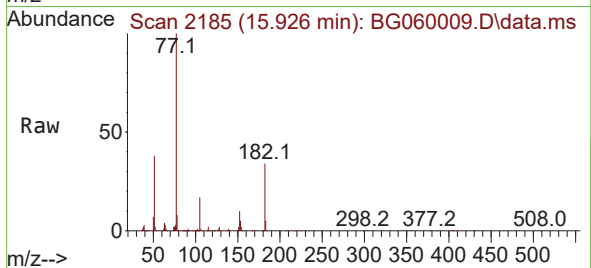
#63
Azobenzene
Concen: 41.759 ng
RT: 15.926 min Scan# 2185
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

PB157712BS

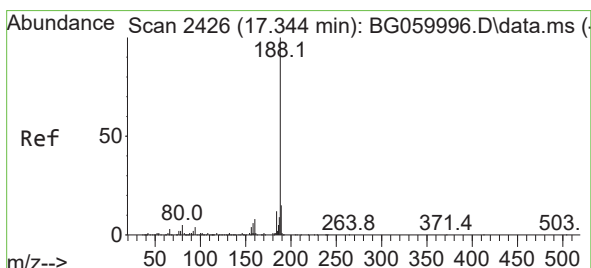
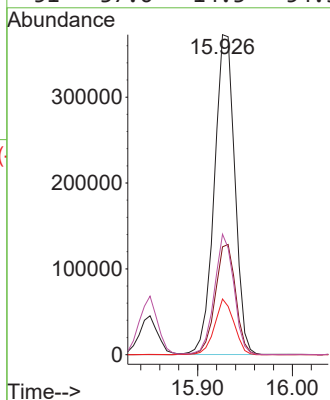
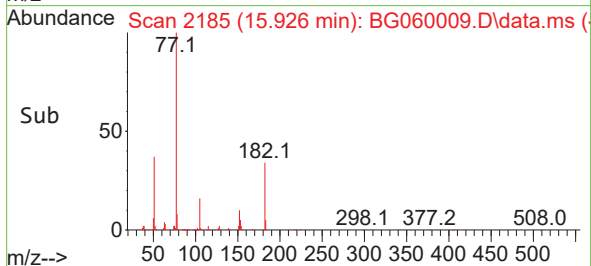


Tgt Ion: 77 Resp: 560874
Ion Ratio Lower Upper
77 100
182 33.7 10.2 50.2
105 17.4 0.0 36.5
51 37.6 14.3 54.3

Manual Integrations

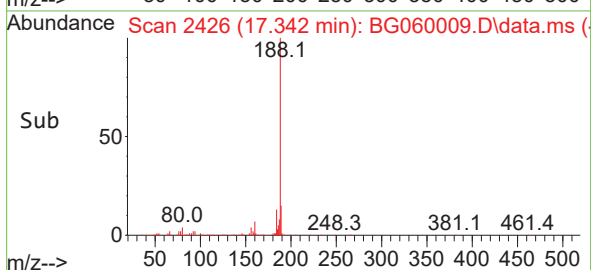
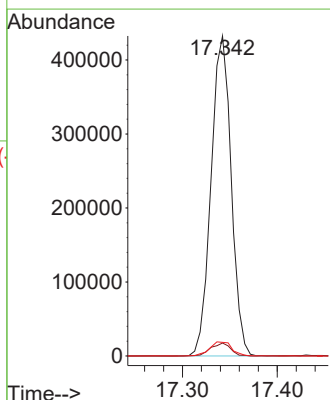
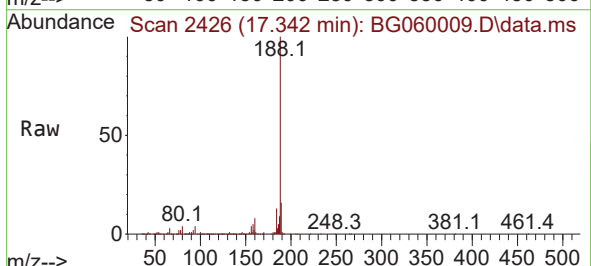
APPROVED

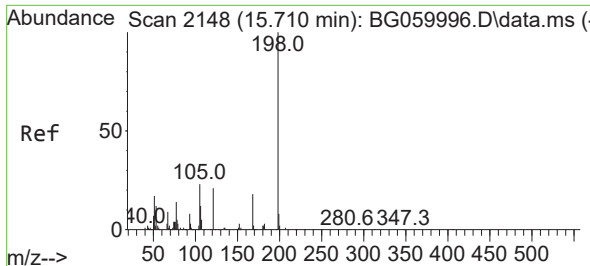
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2426
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Tgt Ion:188 Resp: 637368
Ion Ratio Lower Upper
188 100
94 4.0 3.0 4.6
80 4.3 4.0 6.0





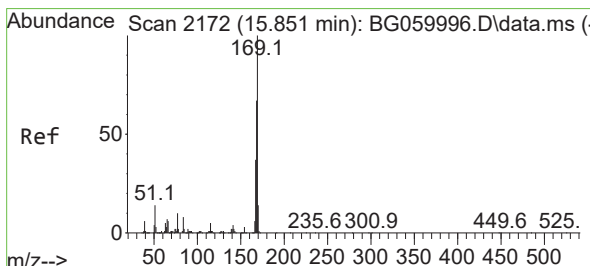
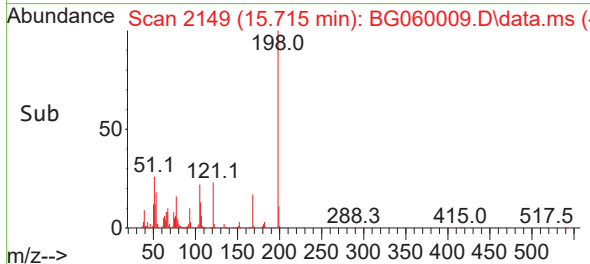
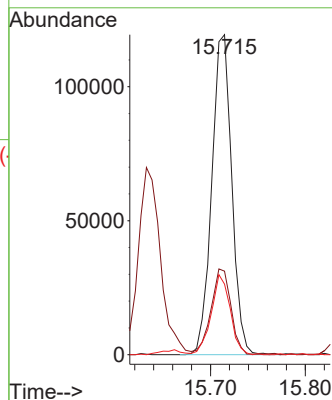
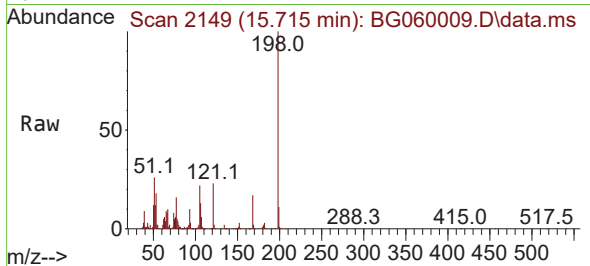
#65
4,6-Dinitro-2-methylphenol
Concen: 43.667 ng
RT: 15.715 min Scan# 2148
Delta R.T. 0.004 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :
BNA_G
ClientSampleId :
PB157712BS

Tgt Ion:198 Resp: 174504
Ion Ratio Lower Upper
198 100
51 26.1 0.0 39.7
105 22.1 3.3 43.3

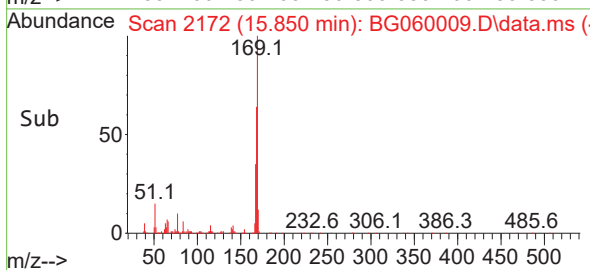
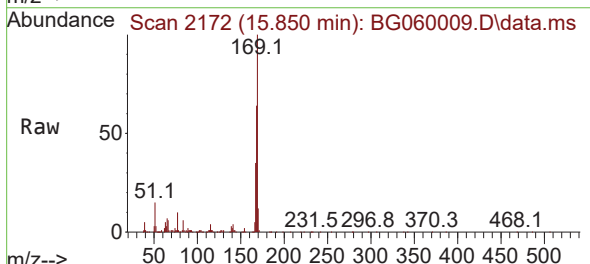
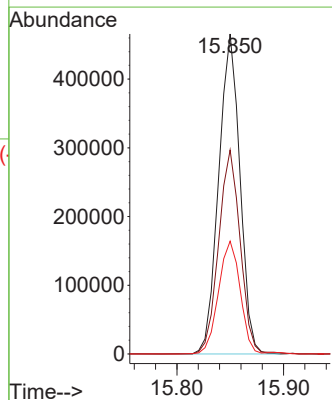
Manual Integrations
APPROVED

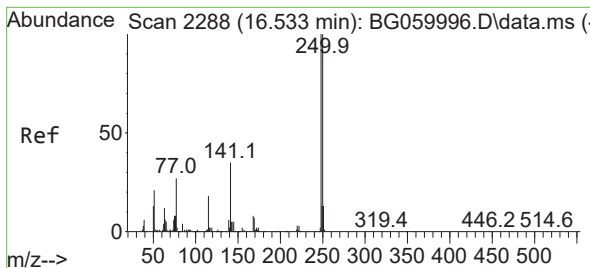
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#66
n-Nitrosodiphenylamine
Concen: 41.281 ng
RT: 15.850 min Scan# 2172
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Tgt Ion:169 Resp: 642776
Ion Ratio Lower Upper
169 100
168 63.7 53.4 80.2
167 35.2 30.0 45.0





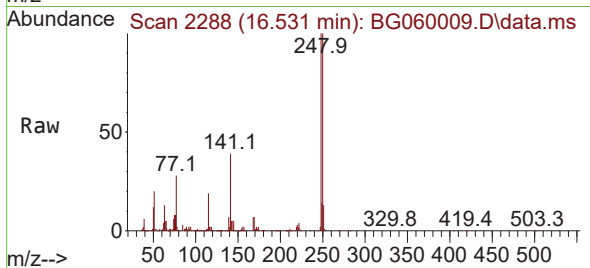
#67
4-Bromophenyl-phenylether
Concen: 40.318 ng
RT: 16.531 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

PB157712BS



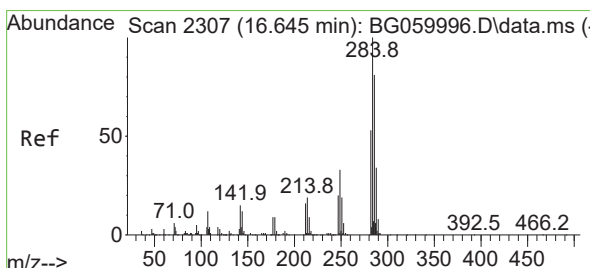
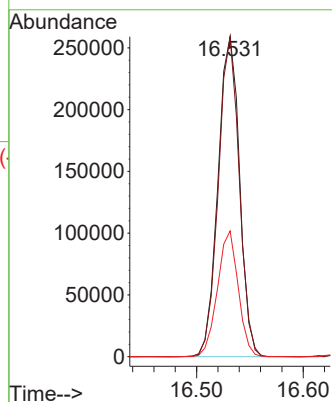
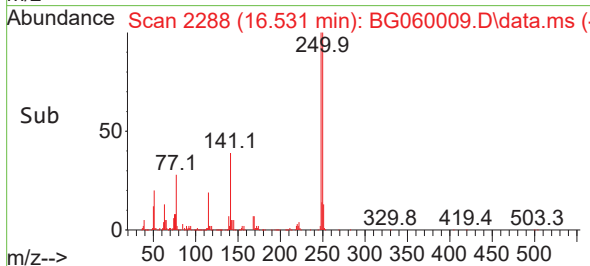
Tgt Ion:248 Resp: 36256
Ion Ratio Lower Upper
248 100
250 99.9 79.9 119.9
141 39.3 28.3 42.5

Manual Integrations

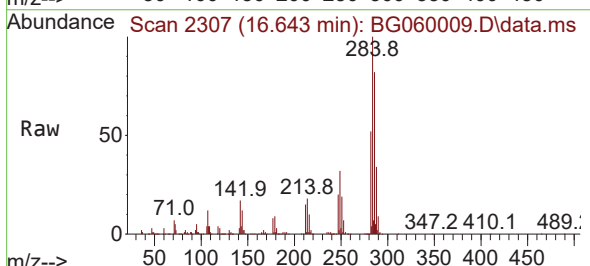
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

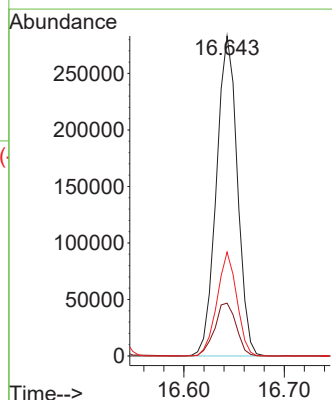
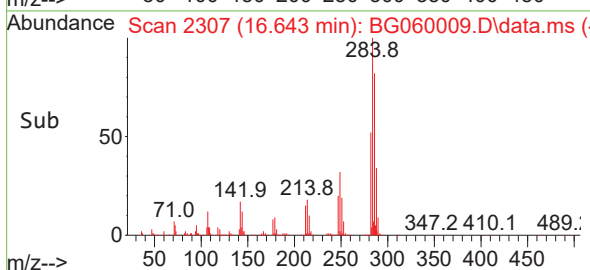
Supervised By :mohammad ahmed 12/16/2023

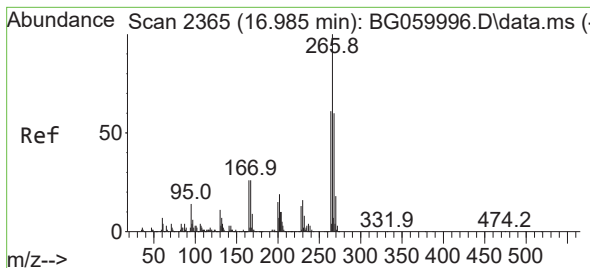


#68
Hexachlorobenzene
Concen: 39.034 ng
RT: 16.643 min Scan# 2307
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07



Tgt Ion:284 Resp: 410356
Ion Ratio Lower Upper
284 100
142 16.5 11.7 17.5
249 32.5 26.1 39.1





#70
Pentachlorophenol
Concen: 83.573 ng
RT: 16.984 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

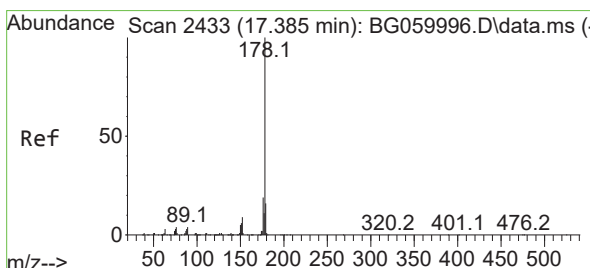
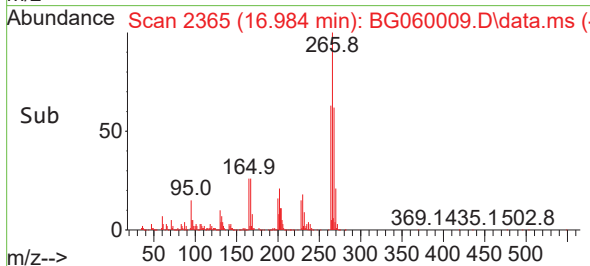
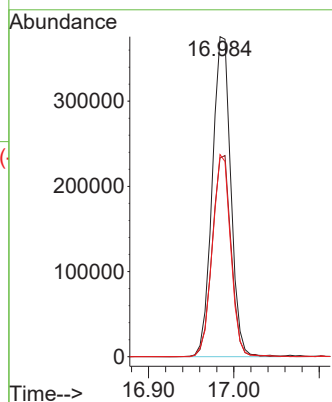
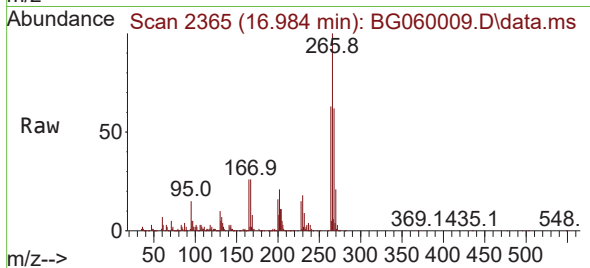
PB157712BS

Tgt Ion:266 Resp: 56916
Ion Ratio Lower Upper
266 100
268 62.1 47.9 71.9
264 63.2 48.8 73.2

Manual Integrations

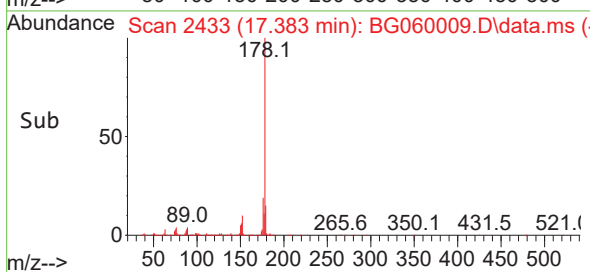
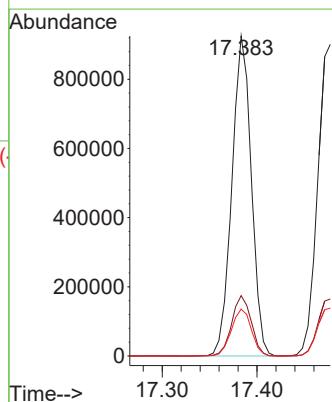
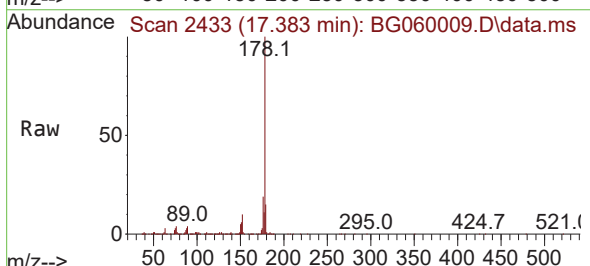
APPROVED

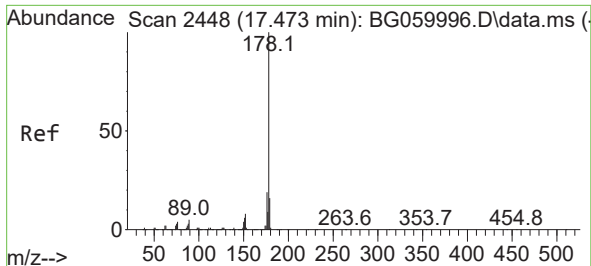
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#71
Phenanthrene
Concen: 42.641 ng
RT: 17.383 min Scan# 2433
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

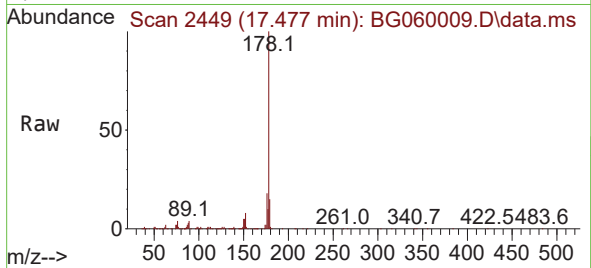
Tgt Ion:178 Resp: 1316415
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 14.7 12.6 19.0





#72
 Anthracene
 Concen: 42.763 ng
 RT: 17.477 min Scan# 2448
 Delta R.T. 0.004 min
 Lab File: BG060009.D
 Acq: 14 Dec 2023 12:07

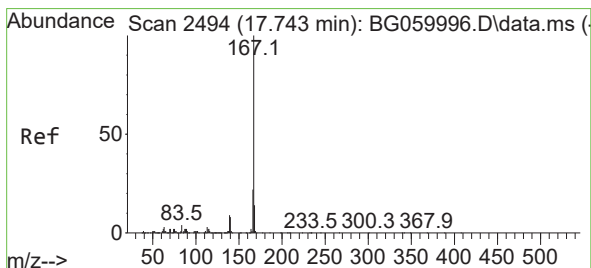
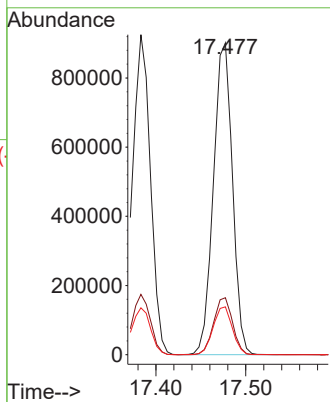
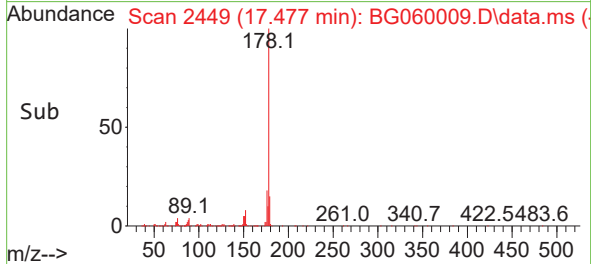
Instrument :
 BNA_G
 ClientSampleId :
 PB157712BS



Tgt Ion:178 Resp: 1327375
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.0 22.6
 179 15.4 12.6 19.0

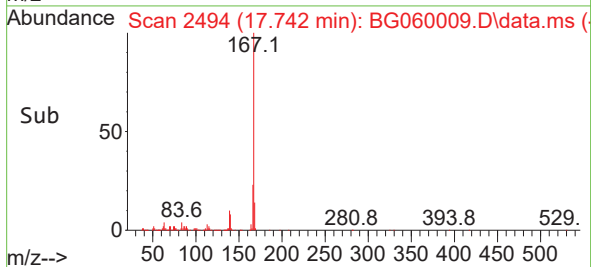
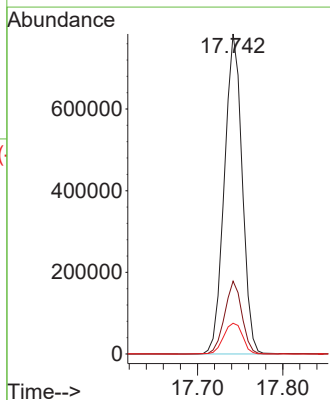
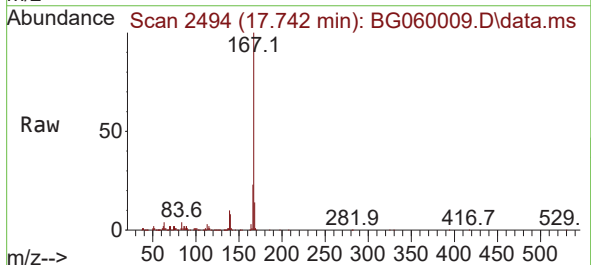
Manual Integrations
 APPROVED

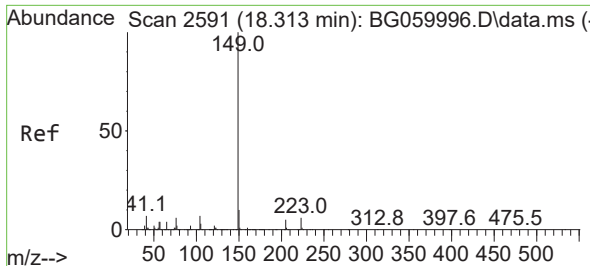
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/16/2023



#73
 Carbazole
 Concen: 43.042 ng
 RT: 17.742 min Scan# 2494
 Delta R.T. -0.001 min
 Lab File: BG060009.D
 Acq: 14 Dec 2023 12:07

Tgt Ion:167 Resp: 1135340
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.4 26.0
 139 9.6 7.5 11.3





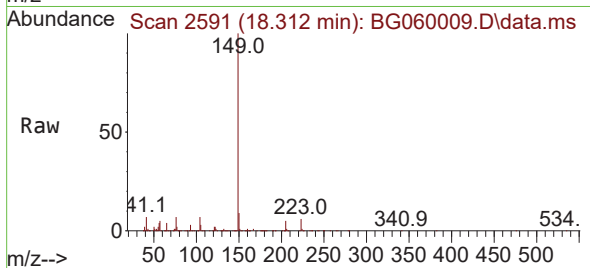
#74
Di-n-butylphthalate
Concen: 44.158 ng
RT: 18.312 min Scan# 2591
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

PB157712BS



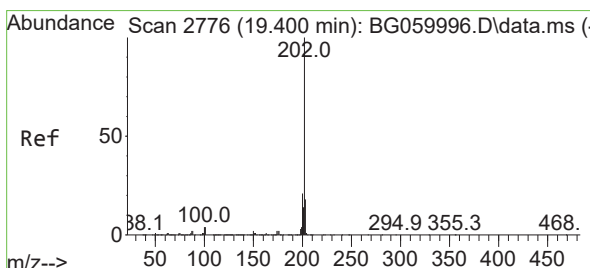
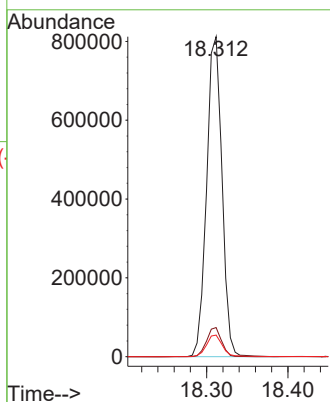
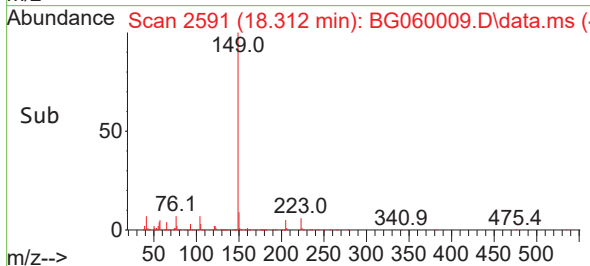
Tgt Ion:149 Resp: 1062550
Ion Ratio Lower Upper
149 100
150 9.1 7.9 11.9
104 6.7 5.6 8.4

Manual Integrations

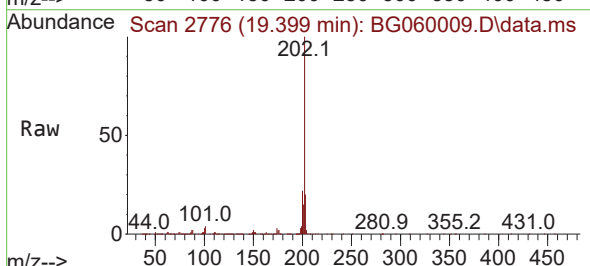
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

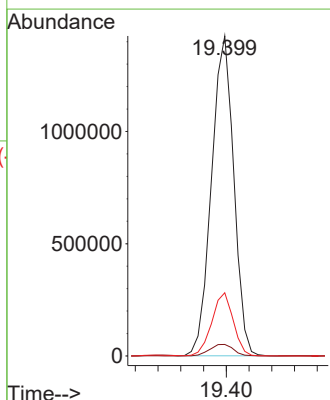
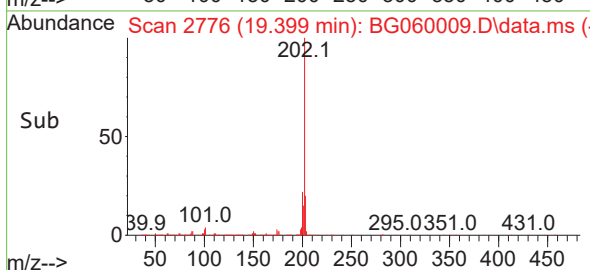
Supervised By :mohammad ahmed 12/16/2023

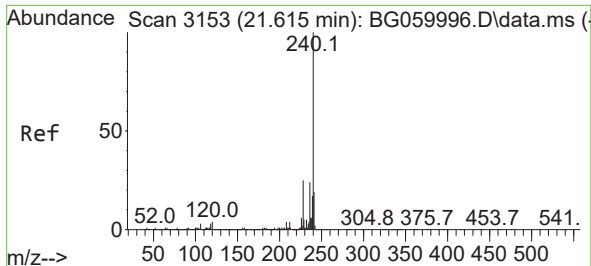


#75
Fluoranthene
Concen: 43.021 ng
RT: 19.399 min Scan# 2776
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07



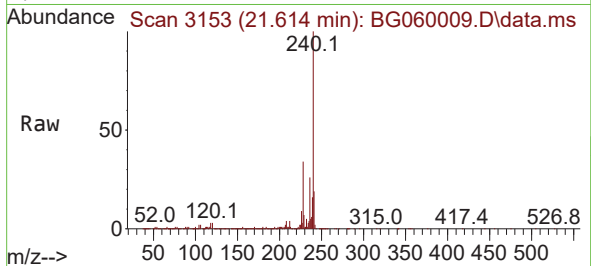
Tgt Ion:202 Resp: 1938134
Ion Ratio Lower Upper
202 100
101 3.6 0.0 24.2
203 19.7 0.0 37.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.614 min Scan# 3153
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

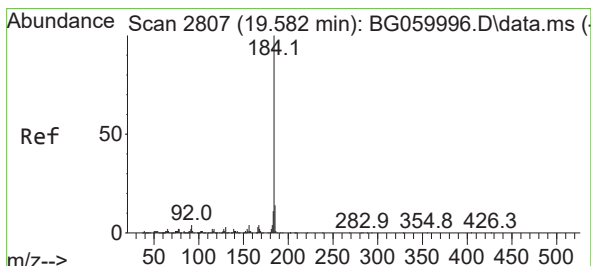
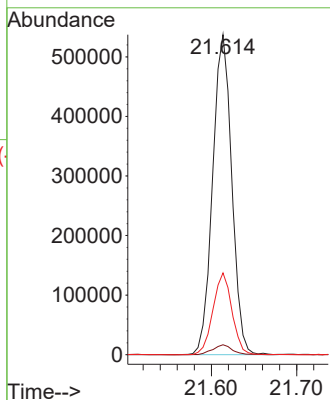
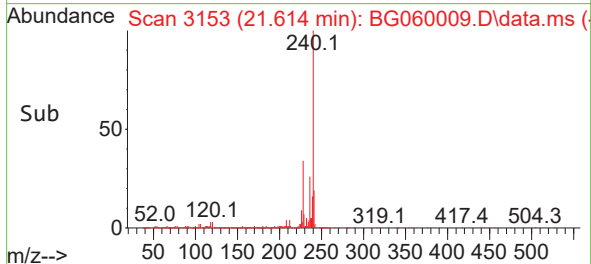
Instrument :
BNA_G
ClientSampleId :
PB157712BS



Tgt Ion:240 Resp: 838860
Ion Ratio Lower Upper
240 100
120 3.1 2.9 4.3
236 25.5 19.4 29.2

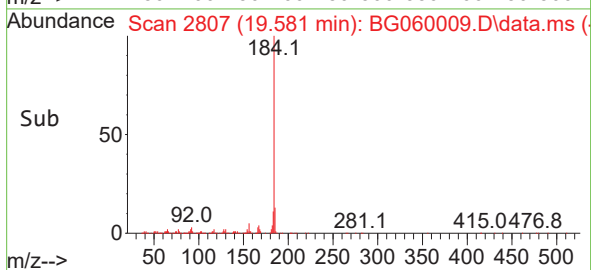
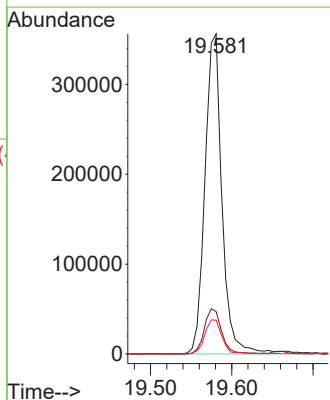
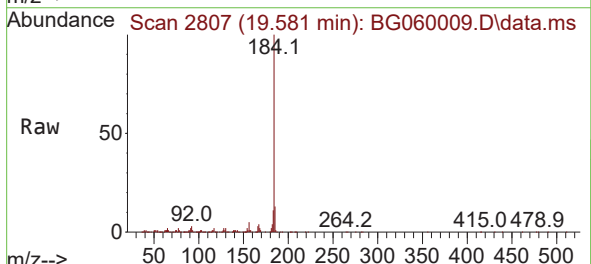
Manual Integrations
APPROVED

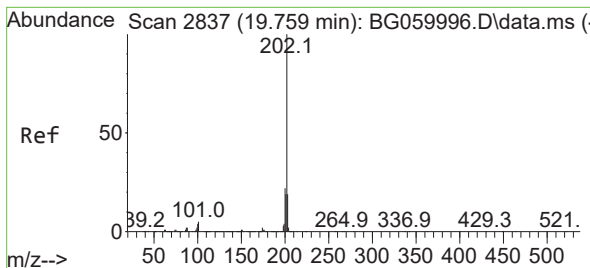
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#77
Benzidine
Concen: 47.992 ng
RT: 19.581 min Scan# 2807
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Tgt Ion:184 Resp: 517110
Ion Ratio Lower Upper
184 100
185 13.2 11.1 16.7
183 10.6 9.0 13.4





#78

Pyrene

Concen: 39.164 ng

RT: 19.763 min Scan# 2837

Delta R.T. 0.004 min

Lab File: BG060009.D

Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

PB157712BS

Tgt Ion:202 Resp: 199152

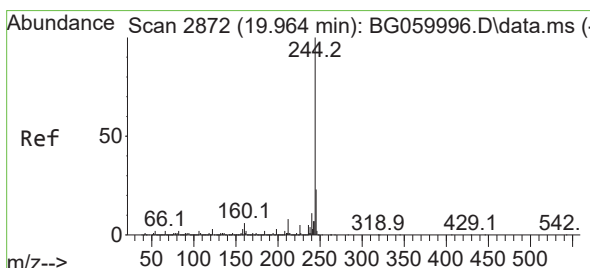
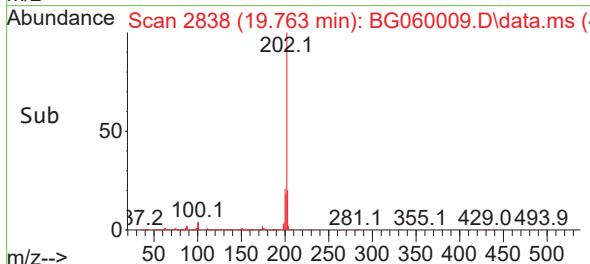
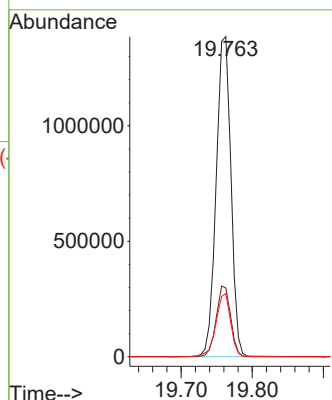
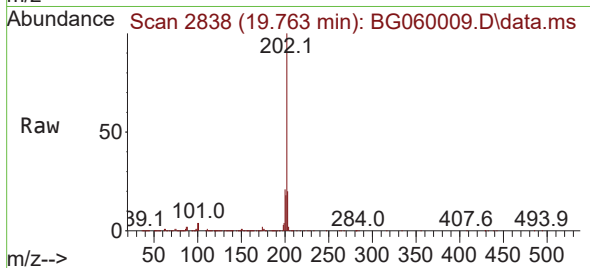
Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	19.7	14.9	22.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/16/2023



#79

Terphenyl-d14

Concen: 78.270 ng

RT: 19.963 min Scan# 2872

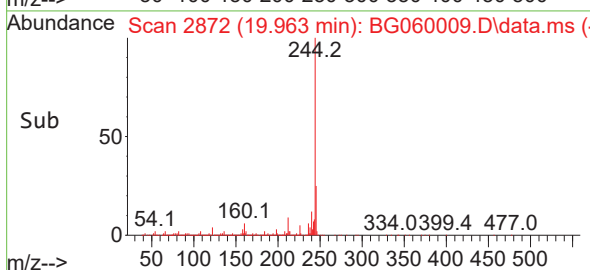
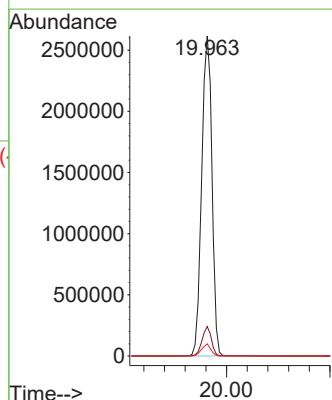
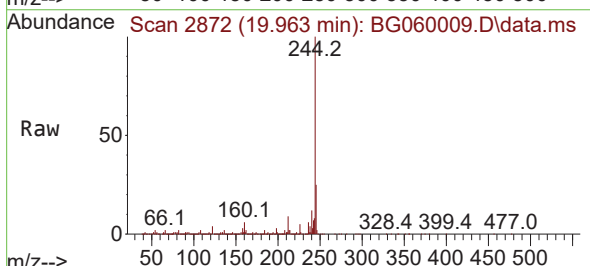
Delta R.T. -0.002 min

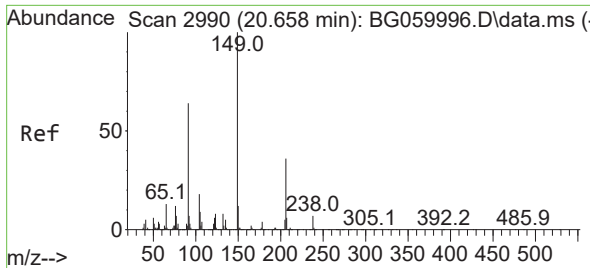
Lab File: BG060009.D

Acq: 14 Dec 2023 12:07

Tgt Ion:244 Resp: 3596291

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.8	10.2
122	3.8	2.6	3.8





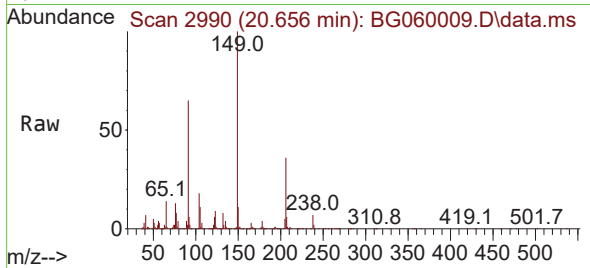
#80
Butylbenzylphthalate
Concen: 43.132 ng
RT: 20.656 min Scan# 2990
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

PB157712BS



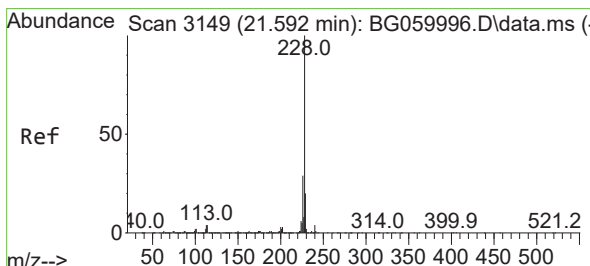
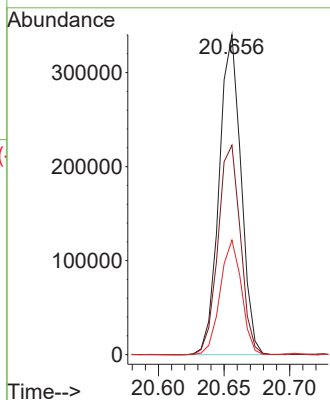
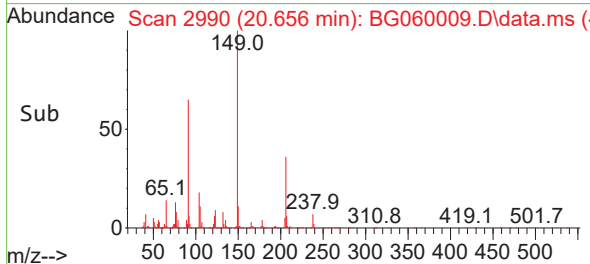
Tgt Ion:149 Resp: 393900
Ion Ratio Lower Upper
149 100
91 65.4 51.3 76.9
206 35.8 28.8 43.2

Manual Integrations

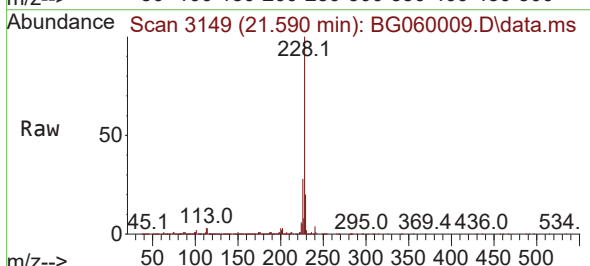
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

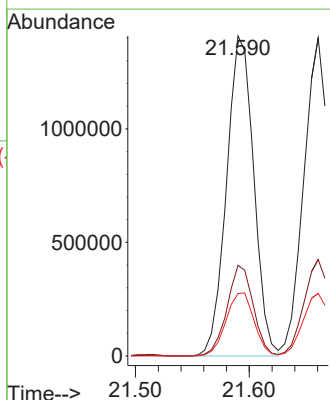
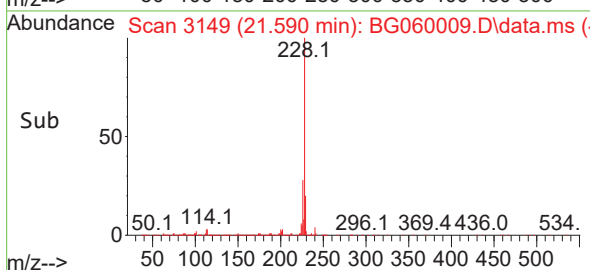
Supervised By :mohammad ahmed 12/16/2023

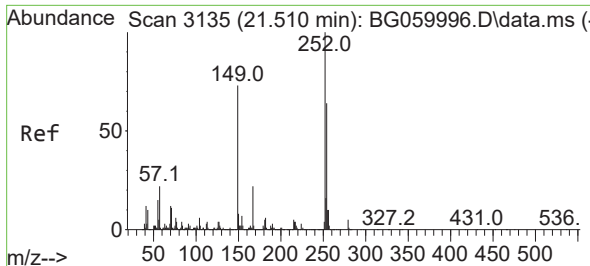


#81
Benzo(a)anthracene
Concen: 41.590 ng
RT: 21.590 min Scan# 3149
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07



Tgt Ion:228 Resp: 2343519
Ion Ratio Lower Upper
228 100
226 28.3 22.9 34.3
229 19.5 16.2 24.2





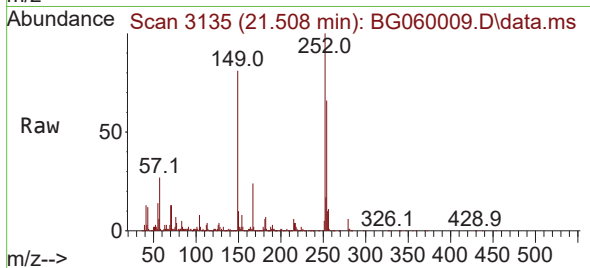
#82
3,3'-Dichlorobenzidine
Concen: 42.073 ng
RT: 21.508 min Scan# 3135
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

PB157712BS

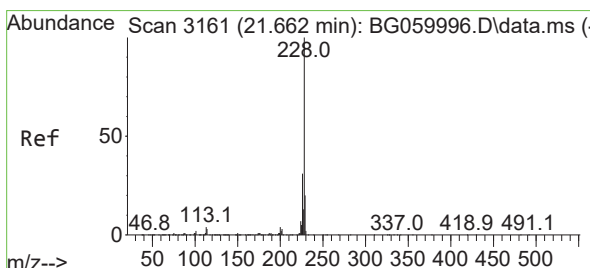
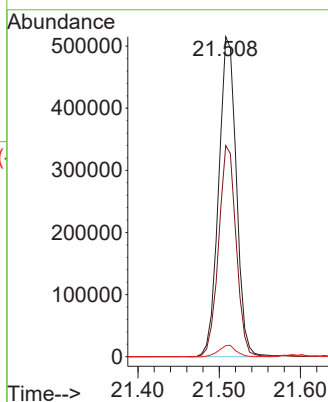
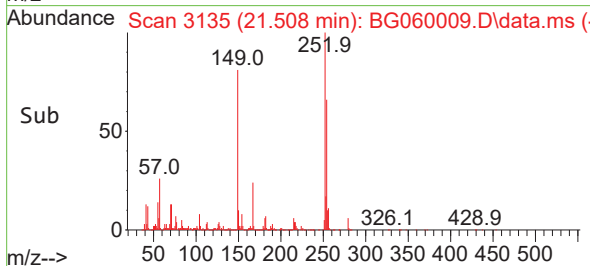


Tgt Ion:252 Resp: 780110
Ion Ratio Lower Upper
252 100
254 65.9 51.0 76.4
126 3.4 3.0 4.4

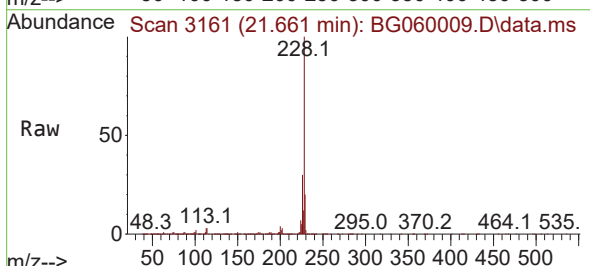
Manual Integrations

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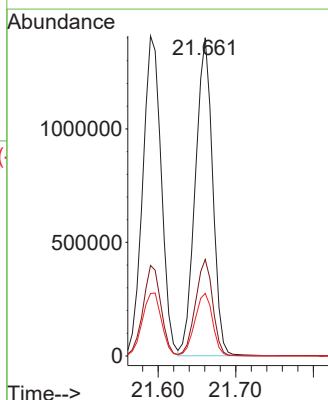
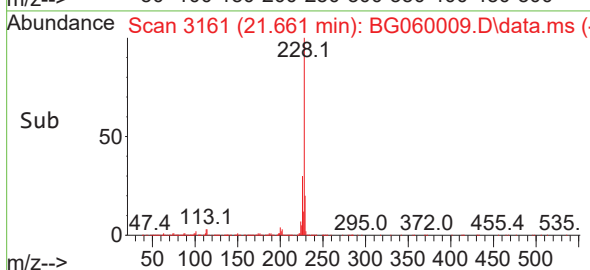
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

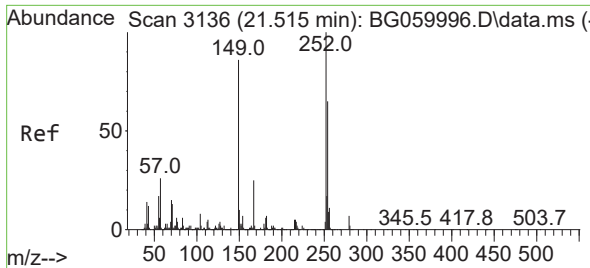


#83
Chrysene
Concen: 40.620 ng
RT: 21.661 min Scan# 3161
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07



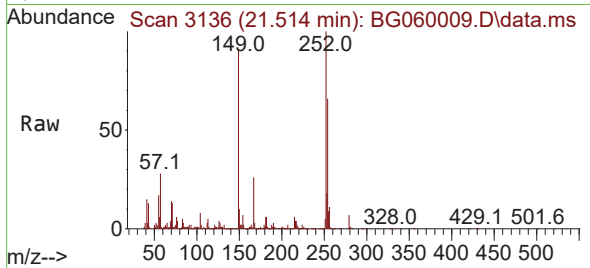
Tgt Ion:228 Resp: 2168493
Ion Ratio Lower Upper
228 100
226 30.3 25.0 37.6
229 19.7 16.2 24.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 43.400 ng
RT: 21.514 min Scan# 3136
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

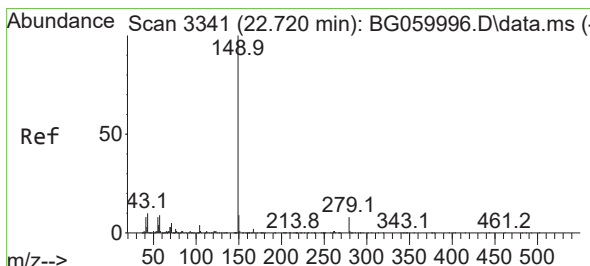
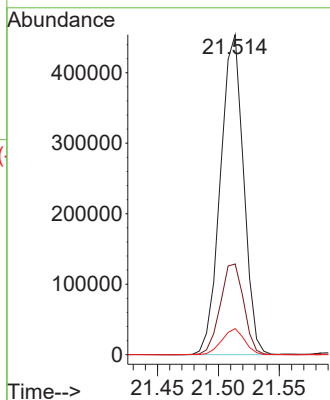
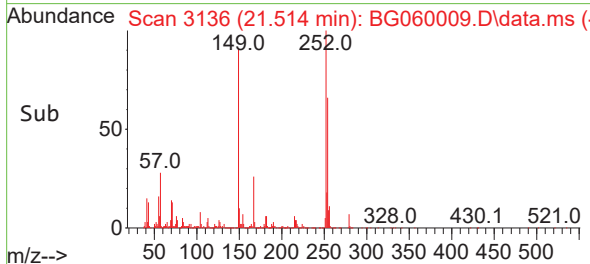
Instrument :
BNA_G
ClientSampleId :
PB157712BS



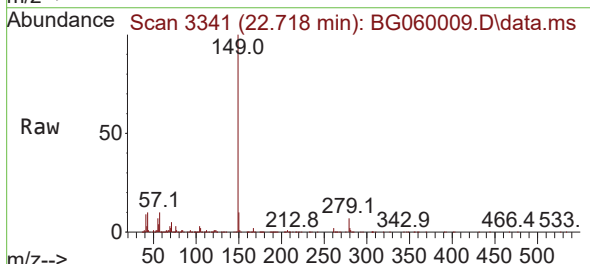
Tgt Ion:149 Resp: 600762
Ion Ratio Lower Upper
149 100
167 28.4 23.0 34.6
279 8.1 6.2 9.2

Manual Integrations
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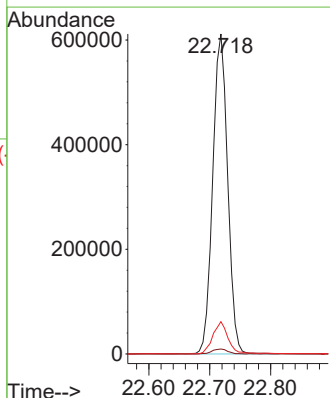
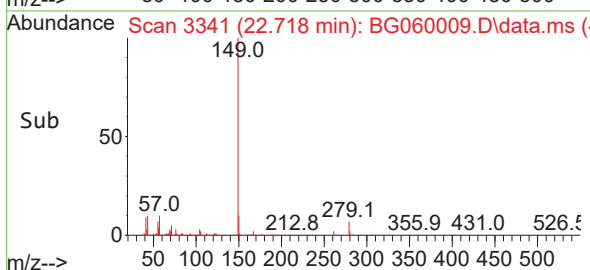
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

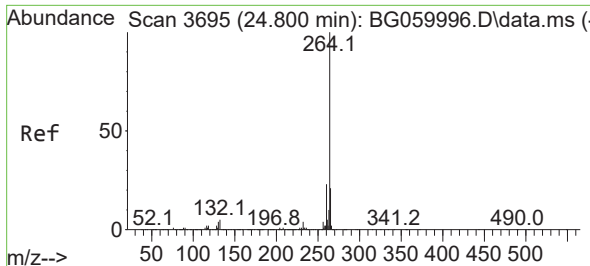


#85
Di-n-octyl phthalate
Concen: 43.424 ng
RT: 22.718 min Scan# 3341
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07



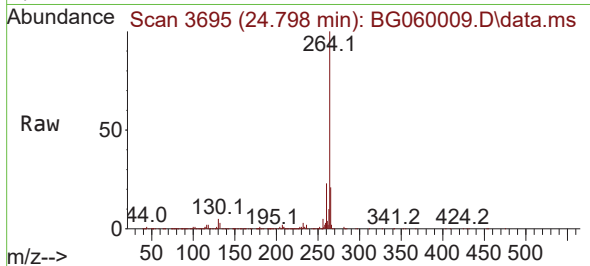
Tgt Ion:149 Resp: 1039748
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 10.4 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.798 min Scan# 3695
 Delta R.T. -0.002 min
 Lab File: BG060009.D
 Acq: 14 Dec 2023 12:07

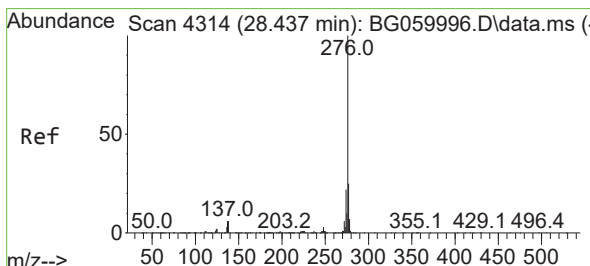
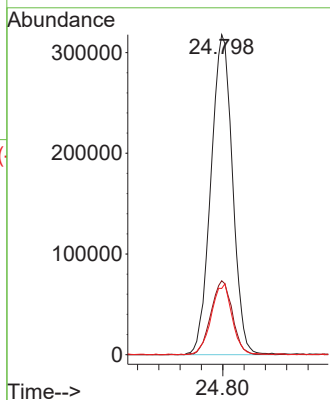
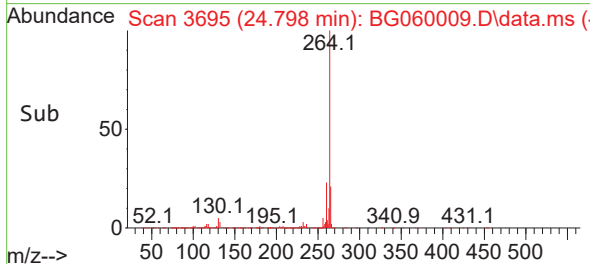
Instrument :
 BNA_G
 ClientSampleId :
 PB157712BS



Tgt Ion:264 Resp: 894730
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 20.7 17.3 25.9

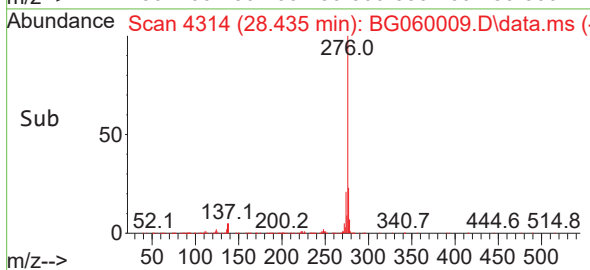
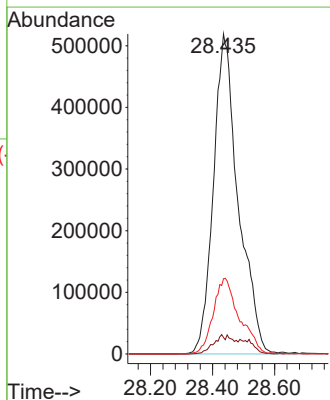
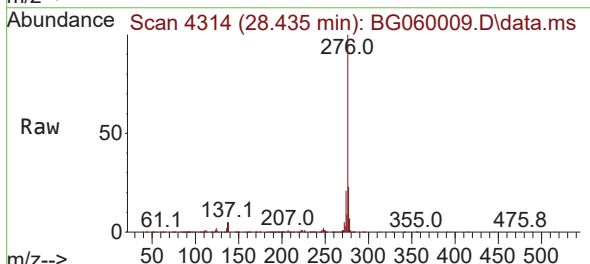
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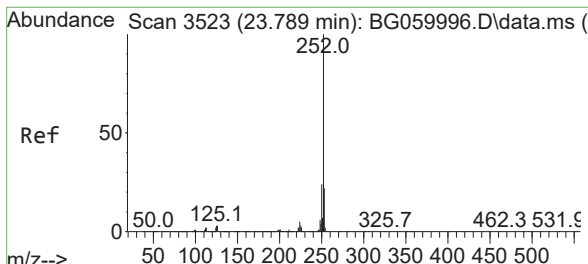
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/16/2023



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.199 ng
 RT: 28.435 min Scan# 4314
 Delta R.T. -0.002 min
 Lab File: BG060009.D
 Acq: 14 Dec 2023 12:07

Tgt Ion:276 Resp: 2886180
 Ion Ratio Lower Upper
 276 100
 138 2.9 4.7 7.1#
 277 24.8 20.0 30.0





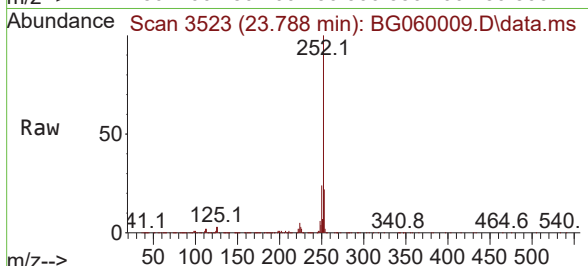
#88
Benzo(b)fluoranthene
Concen: 44.301 ng
RT: 23.788 min Scan# 3523
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

PB157712BS

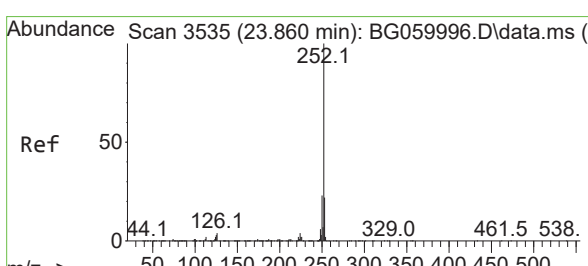
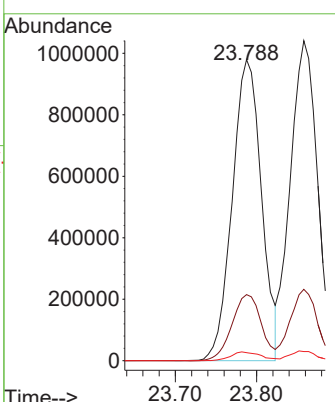
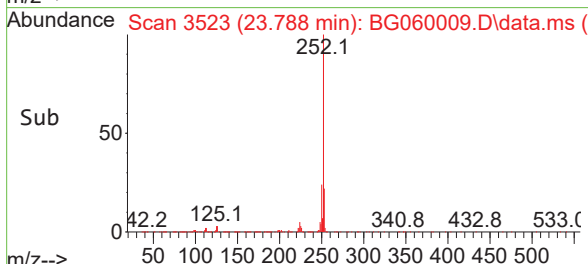


Tgt Ion:252 Resp: 244798

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	2.7	2.6	4.0

Manual Integrations
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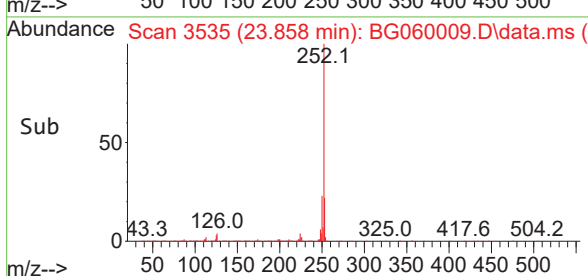
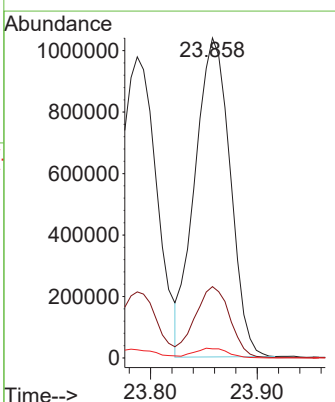
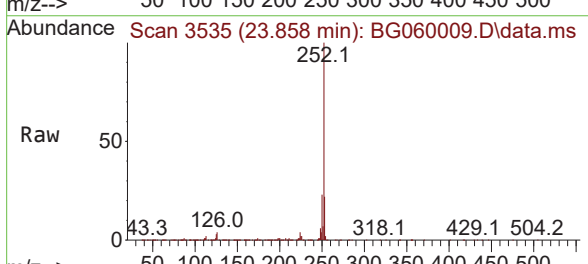
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

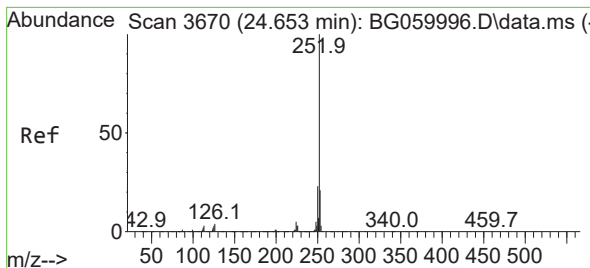


#89
Benzo(k)fluoranthene
Concen: 44.621 ng
RT: 23.858 min Scan# 3535
Delta R.T. -0.002 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Tgt Ion:252 Resp: 2391627

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	2.8	2.5	3.7





#90

Benzo(a)pyrene

Concen: 43.356 ng

RT: 24.651 min Scan# 30

Delta R.T. -0.002 min

Lab File: BG060009.D

Acq: 14 Dec 2023 12:07

Instrument :

BNA_G

ClientSampleId :

PB157712BS

Tgt Ion:252 Resp: 212258

Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

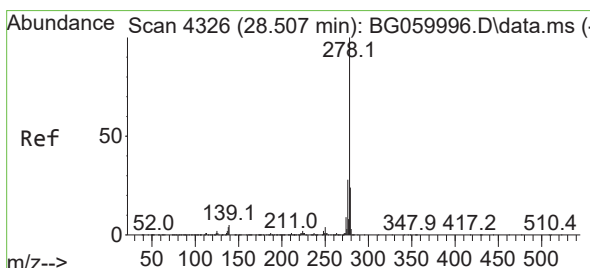
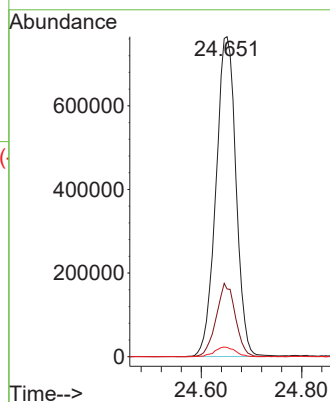
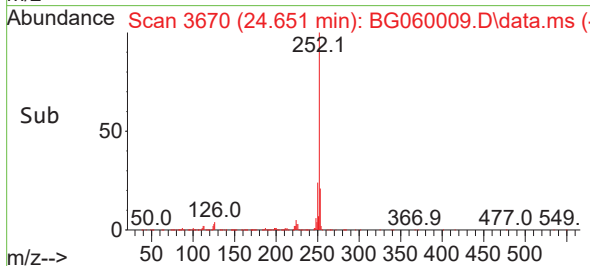
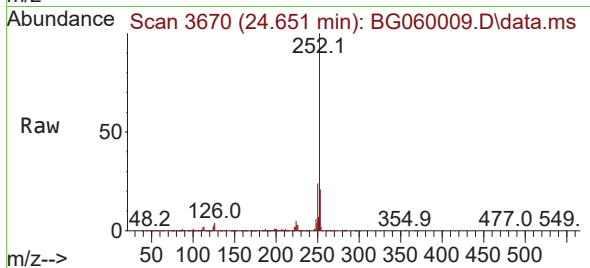
125 2.9 2.6 4.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/16/2023



#91

Dibenzo(a,h)anthracene

Concen: 46.577 ng

RT: 28.511 min Scan# 4327

Delta R.T. 0.004 min

Lab File: BG060009.D

Acq: 14 Dec 2023 12:07

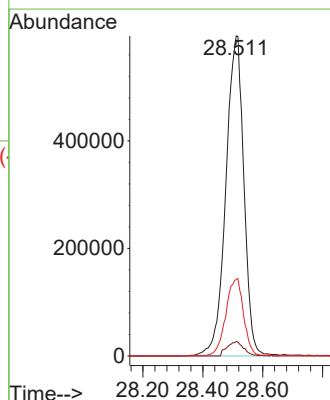
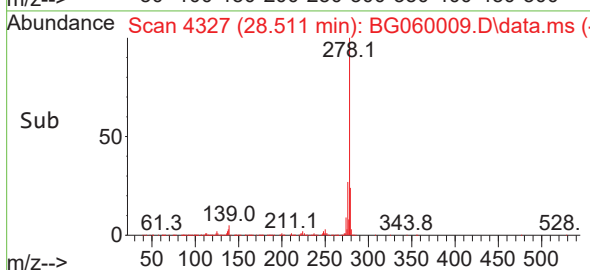
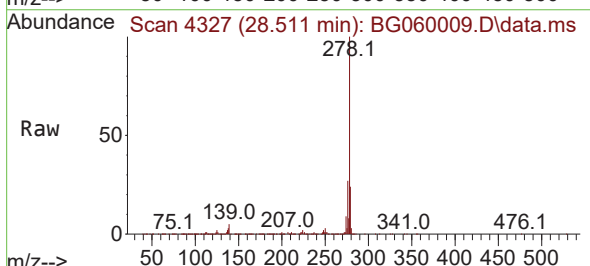
Tgt Ion:278 Resp: 2487025

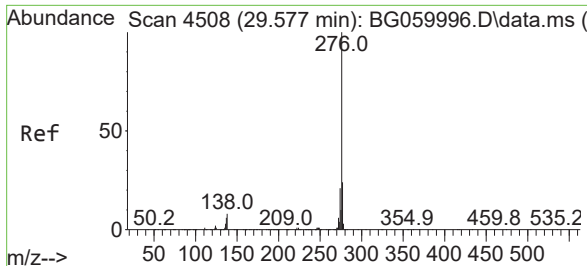
Ion Ratio Lower Upper

278 100

139 4.5 4.4 6.6

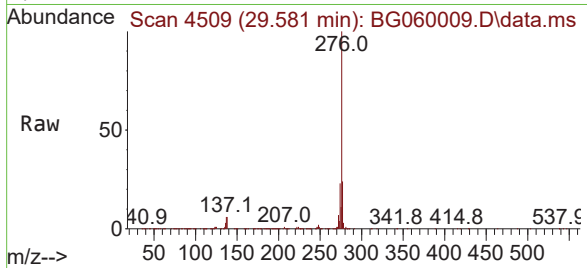
279 24.0 19.4 29.2





#92
Benzo(g,h,i)perylene
Concen: 44.209 ng
RT: 29.581 min Scan# 4509
Delta R.T. 0.004 min
Lab File: BG060009.D
Acq: 14 Dec 2023 12:07

Instrument :
BNA_G
ClientSampleId :
PB157712BS



Tgt Ion:276 Resp: 2348028
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.2
138 6.3 6.0 9.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

