

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060832.D
 Acq On : 8 Apr 2024 19:15
 Operator : MA/JU
 Sample : PB160000BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160000BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 09 01:23:51 2024

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	55731	20.000	ng	-0.01
21) Naphthalene-d8	10.745	136	236439	20.000	ng	-0.01
39) Acenaphthene-d10	14.576	164	190328	20.000	ng	-0.01
64) Phenanthrene-d10	17.326	188	463189	20.000	ng	-0.01
76) Chrysene-d12	21.591	240	423110	20.000	ng	-0.01
86) Perylene-d12	24.717	264	492738	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	460909	137.773	ng	0.00
7) Phenol-d6	7.114	99	627607	126.384	ng	0.00
23) Nitrobenzene-d5	9.106	82	406911	98.203	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	358494	165.929	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	1049112	80.898	ng	-0.01
79) Terphenyl-d14	19.952	244	1989359	82.790	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.454	88	47412	34.567	ng	97
3) Pyridine	3.836	79	131318	31.740	ng	94
4) n-Nitrosodimethylamine	3.754	42	106959	43.250	ng	93
6) Aniline	7.273	93	146943	23.432	ng	99
8) 2-Chlorophenol	7.514	128	180817	47.675	ng	96
9) Benzaldehyde	7.085	77	29988m	10.951	ng	
10) Phenol	7.144	94	235414	46.451	ng	99
11) bis(2-Chloroethyl)ether	7.373	93	160376	39.195	ng	100
12) 1,3-Dichlorobenzene	7.837	146	173051	43.876	ng	96
13) 1,4-Dichlorobenzene	7.984	146	177156	44.026	ng	100
14) 1,2-Dichlorobenzene	8.301	146	173112	43.900	ng	98
15) Benzyl Alcohol	8.184	79	176252	43.816	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.466	45	392272	42.481	ng	99
17) 2-Methylphenol	8.389	107	161996	42.342	ng	98
18) Hexachloroethane	9.030	117	65371	45.742	ng	94
19) n-Nitroso-di-n-propyla...	8.754	70	147292	38.894	ng	# 96
20) 3+4-Methylphenols	8.712	107	221392	42.258	ng	98
22) Acetophenone	8.765	105	280422	43.013	ng	# 96
24) Nitrobenzene	9.147	77	210031	45.679	ng	96
25) Isophorone	9.670	82	400614	41.977	ng	99
26) 2-Nitrophenol	9.852	139	90476	54.491	ng	92
27) 2,4-Dimethylphenol	9.917	122	135382	35.313	ng	100
28) bis(2-Chloroethoxy)met...	10.158	93	228997	40.642	ng	98
29) 2,4-Dichlorophenol	10.393	162	180782	51.352	ng	96
30) 1,2,4-Trichlorobenzene	10.610	180	184398	46.257	ng	96
31) Naphthalene	10.792	128	540056	42.225	ng	100
32) Benzoic acid	10.052	122	132133	51.261	ng	94
33) 4-Chloroaniline	10.898	127	85221	14.346	ng	98
34) Hexachlorobutadiene	11.086	225	129353	48.688	ng	96
35) Caprolactam	11.668	113	62137m	44.564	ng	
36) 4-Chloro-3-methylphenol	12.026	107	213379	47.446	ng	99
37) 2-Methylnaphthalene	12.402	142	392857	41.780	ng	99
38) 1-Methylnaphthalene	12.620	142	367037	41.319	ng	96
40) 1,2,4,5-Tetrachloroben...	12.772	216	251156	45.901	ng	100
41) Hexachlorocyclopentadiene	12.755	237	296571	106.594	ng	98
43) 2,4,6-Trichlorophenol	13.007	196	176358	50.055	ng	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.078	196	199777	47.513	ng	97
46) 1,1'-Biphenyl	13.413	154	557548	41.473	ng	98
47) 2-Chloronaphthalene	13.454	162	442194	43.293	ng	99
48) 2-Nitroaniline	13.648	65	164737	49.479	ng	96
49) Acenaphthylene	14.300	152	760570	44.317	ng	99
50) Dimethylphthalate	14.041	163	636089	42.283	ng	100
51) 2,6-Dinitrotoluene	14.147	165	129302	48.005	ng	95
52) Acenaphthene	14.641	154	521407m	48.388	ng	
53) 3-Nitroaniline	14.476	138	75834	26.991	ng	88
54) 2,4-Dinitrophenol	14.682	184	162238	154.936	ng	89
55) Dibenzofuran	14.982	168	716224	42.139	ng	99
56) 4-Nitrophenol	14.788	139	233665	106.249	ng	98
57) 2,4-Dinitrotoluene	14.935	165	188299	53.104	ng	96
58) Fluorene	15.628	166	582992	42.738	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.205	232	189309	51.663	ng	97
60) Diethylphthalate	15.410	149	627005	41.427	ng	99
61) 4-Chlorophenyl-phenyle...	15.622	204	318670	44.157	ng	93
62) 4-Nitroaniline	15.640	138	137210	49.886	ng	95
63) Azobenzene	15.916	77	606636	41.132	ng	97
65) 4,6-Dinitro-2-methylph...	15.704	198	112158	57.110	ng	97
66) n-Nitrosodiphenylamine	15.839	169	553521	41.818	ng	98
67) 4-Bromophenyl-phenylether	16.521	248	219298	46.652	ng	98
68) Hexachlorobenzene	16.633	284	250473	47.201	ng	98
69) Atrazine	16.791	200	216694	46.816	ng	98
70) Pentachlorophenol	16.973	266	341909	98.745	ng	99
71) Phenanthrene	17.367	178	1015967	42.175	ng	100
72) Anthracene	17.461	178	1040137	42.516	ng	99
73) Carbazole	17.725	167	908937	42.139	ng	99
74) Di-n-butylphthalate	18.307	149	1076985	40.049	ng	99
75) Fluoranthene	19.382	202	1239812	42.414	ng	97
77) Benzidine	19.559	184	319924	28.715	ng	100
78) Pyrene	19.741	202	1276490	43.137	ng	100
80) Butylbenzylphthalate	20.645	149	469105	43.458	ng	98
81) Benzo(a)anthracene	21.568	228	1311504	43.974	ng	99
82) 3,3'-Dichlorobenzidine	21.486	252	302657	30.054	ng	96
83) Chrysene	21.633	228	1237558	43.050	ng	99
84) Bis(2-ethylhexyl)phtha...	21.509	149	695104	40.401	ng	96
85) Di-n-octyl phthalate	22.708	149	1198456	42.758	ng	99
87) Indeno(1,2,3-cd)pyrene	28.278	276	1594433	45.951	ng	97
88) Benzo(b)fluoranthene	23.736	252	1289209	45.543	ng	98
89) Benzo(k)fluoranthene	23.801	252	1295699m	44.719	ng	
90) Benzo(a)pyrene	24.576	252	1208780	43.940	ng	97
91) Dibenzo(a,h)anthracene	28.348	278	1305889	44.645	ng	# 96
92) Benzo(g,h,i)perylene	29.382	276	1216119	42.740	ng	98

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



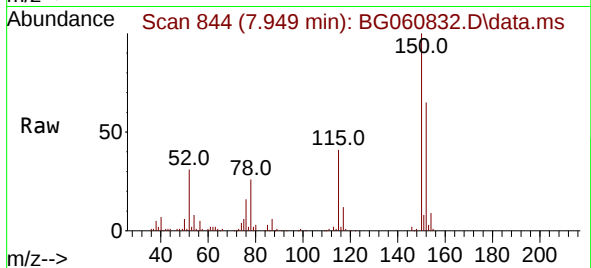
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.949 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

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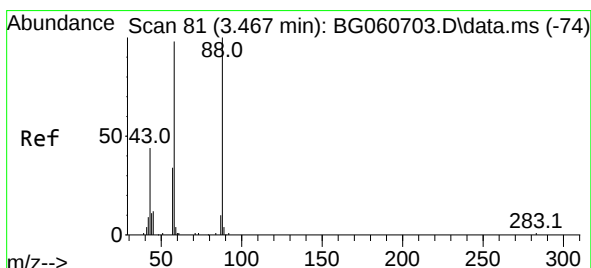
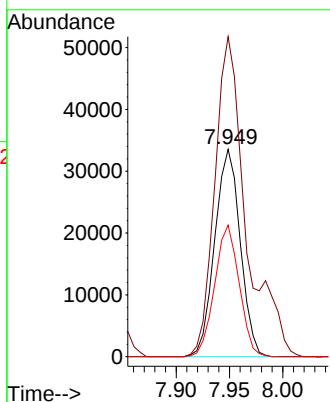
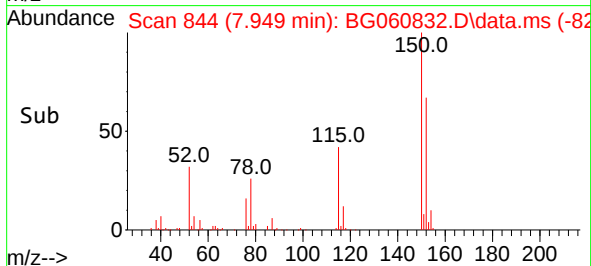
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Ion Ratio Lower Upper
152 100
150 154.3 130.2 195.4
115 63.4 51.6 77.4

Manual Integrations

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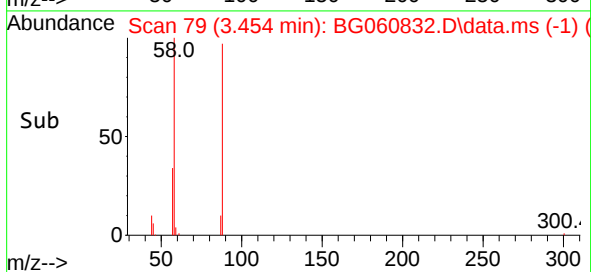
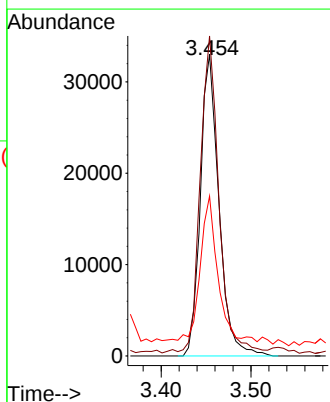
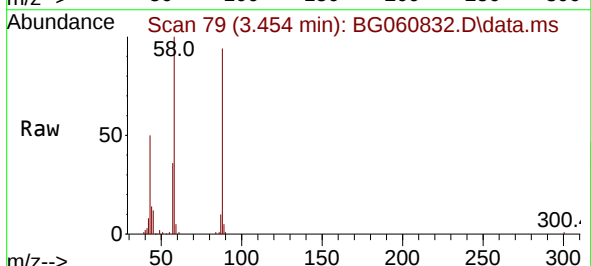
Reviewed By :Yogesh Patel 04/10/2024

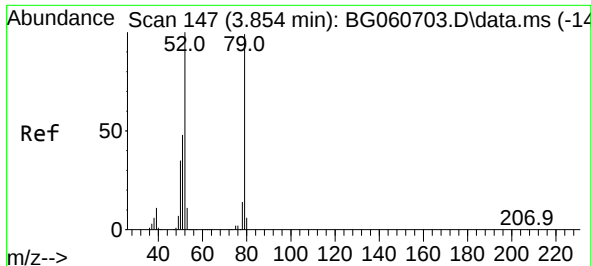
Supervised By :mohammad ahmed 04/10/2024



#2
1,4-Dioxane
Concen: 34.567 ng
RT: 3.454 min Scan# 79
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Tgt Ion: 88 Resp: 47412
Ion Ratio Lower Upper
88 100
58 105.1 80.9 121.3
43 45.3 35.4 53.0





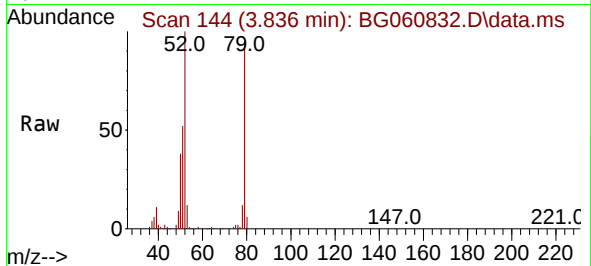
#3
Pyridine
Concen: 31.740 ng
RT: 3.836 min Scan# 14
Delta R.T. -0.019 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

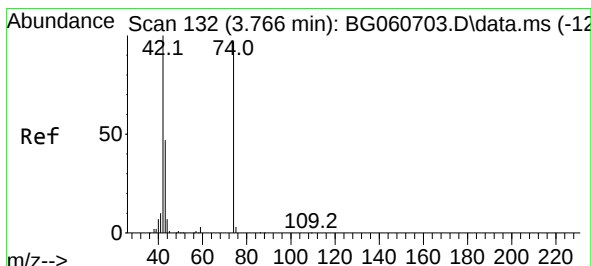
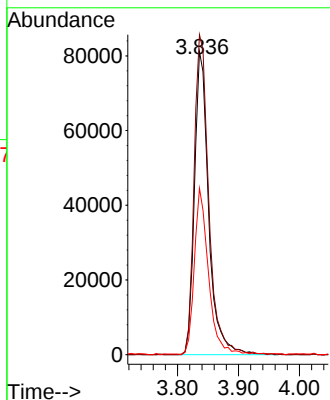
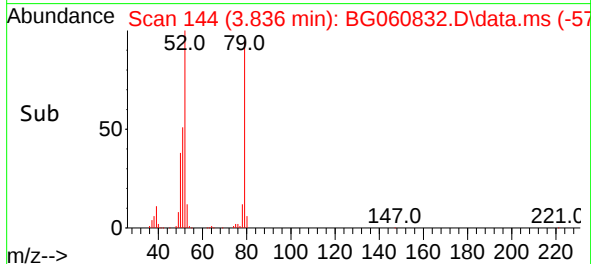
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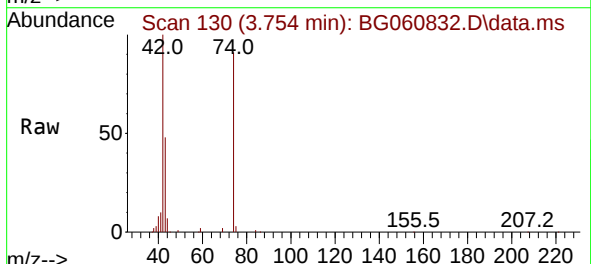
Tgt Ion: 79 Resp: 131318
Ion Ratio Lower Upper
79 100
52 105.5 80.6 120.8
51 54.9 39.1 58.7

Manual Integrations
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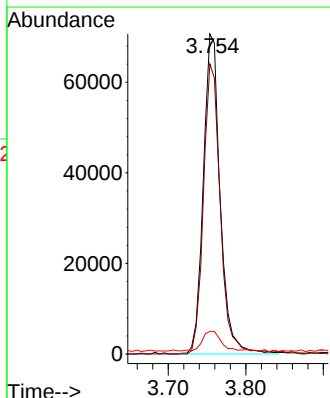
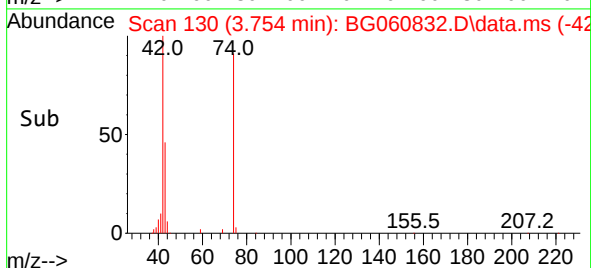
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#4
n-Nitrosodimethylamine
Concen: 43.250 ng
RT: 3.754 min Scan# 130
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15



Tgt Ion: 42 Resp: 106959
Ion Ratio Lower Upper
42 100
74 90.7 77.8 116.8
44 7.0 6.8 10.2





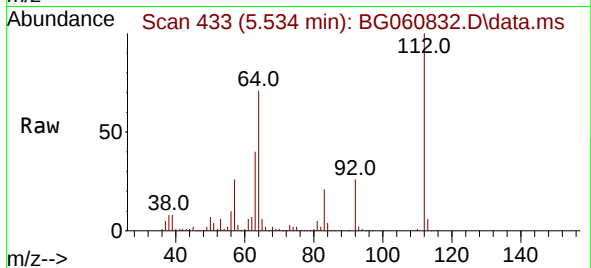
#5
2-Fluorophenol
Concen: 137.773 ng
RT: 5.534 min Scan# 411
Delta R.T. -0.001 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS

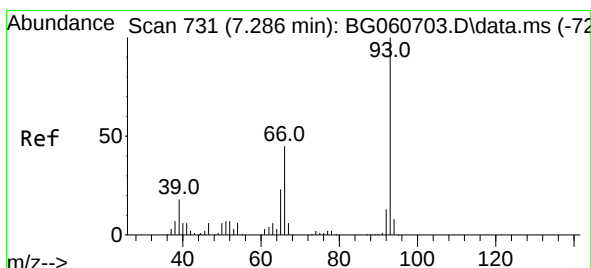
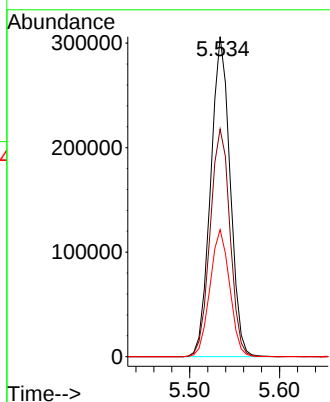
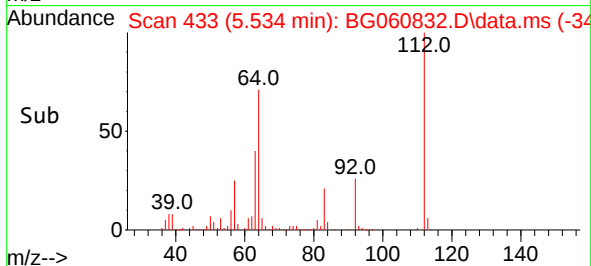


Tgt Ion:112 Resp: 460909
Ion Ratio Lower Upper
112 100
64 71.2 58.4 87.6
63 39.7 32.7 49.1

Manual Integrations

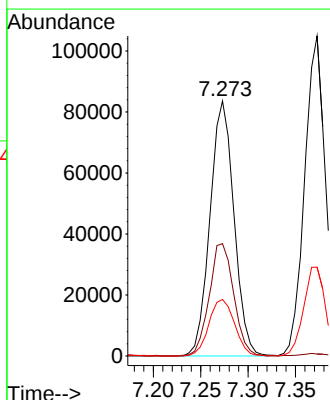
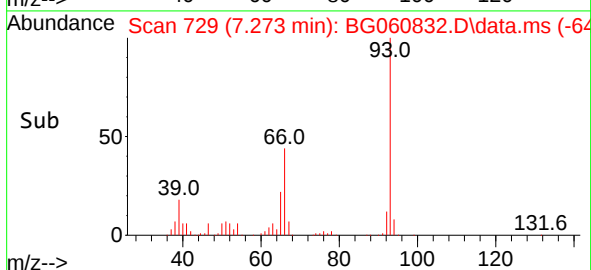
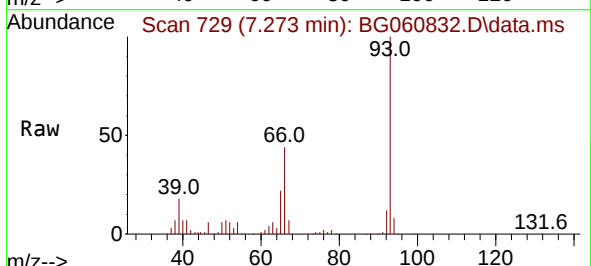
APPROVED

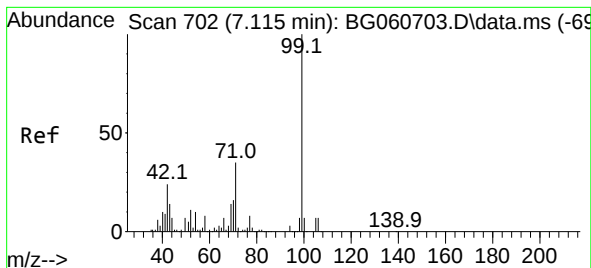
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#6
Aniline
Concen: 23.432 ng
RT: 7.273 min Scan# 729
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Tgt Ion: 93 Resp: 146943
Ion Ratio Lower Upper
93 100
66 44.0 36.1 54.1
65 22.2 18.1 27.1





#7

Phenol-d6

Concen: 126.384 ng

RT: 7.114 min Scan# 70

Delta R.T. -0.001 min

Lab File: BG060832.D

Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS

Tgt Ion: 99 Resp: 62760

Ion Ratio Lower Upper

99 100

42 27.4 19.4 29.2

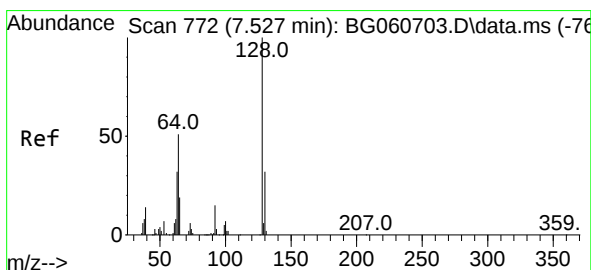
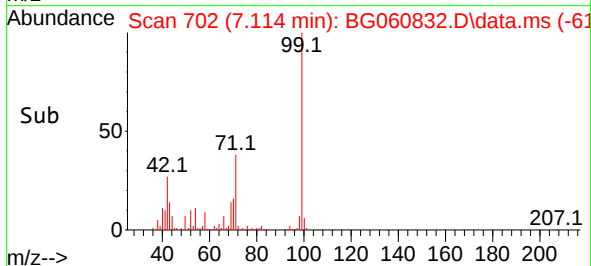
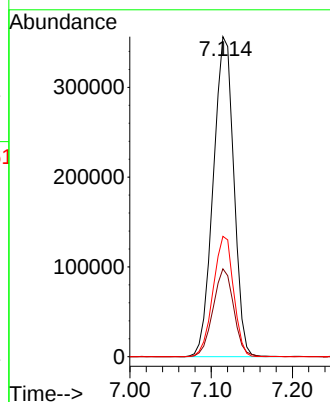
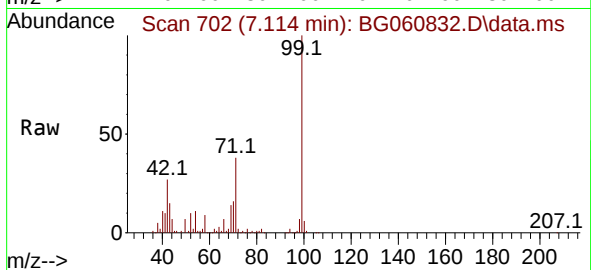
71 37.6 28.2 42.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#8

2-Chlorophenol

Concen: 47.675 ng

RT: 7.514 min Scan# 770

Delta R.T. -0.013 min

Lab File: BG060832.D

Acq: 8 Apr 2024 19:15

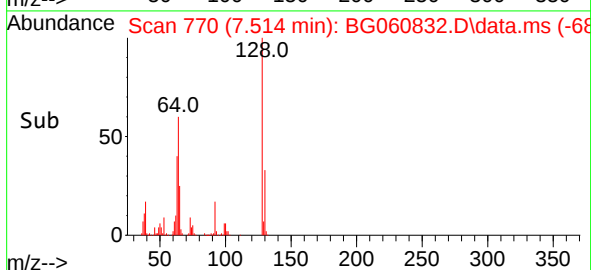
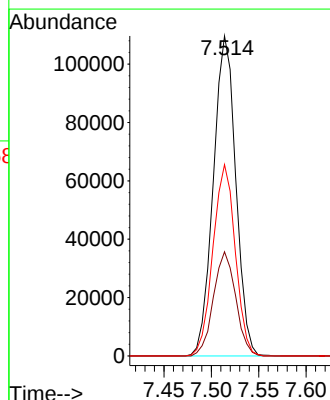
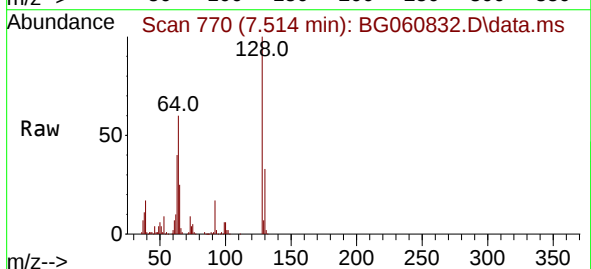
Tgt Ion:128 Resp: 180817

Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 59.8 35.0 75.0





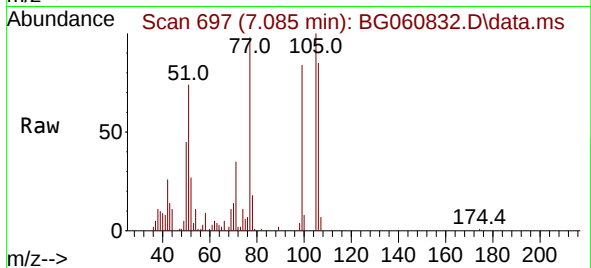
#9
Benzaldehyde
Concen: 10.951 ng m
RT: 7.085 min Scan# 699
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

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ClientSampleId :

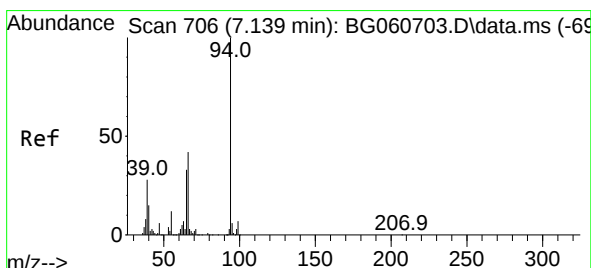
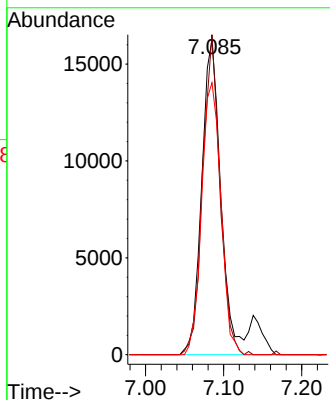
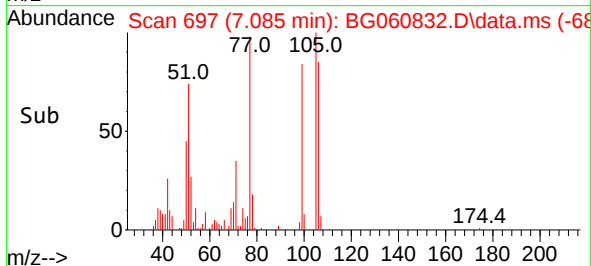
PB160000BS



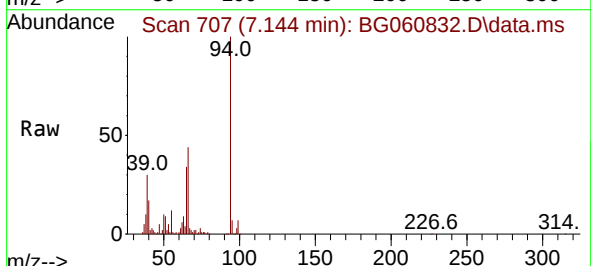
Tgt Ion: 77 Resp: 2998
Ion Ratio Lower Upper
77 100
105 101.7 76.0 116.0
106 86.5 70.3 110.3

Manual Integrations
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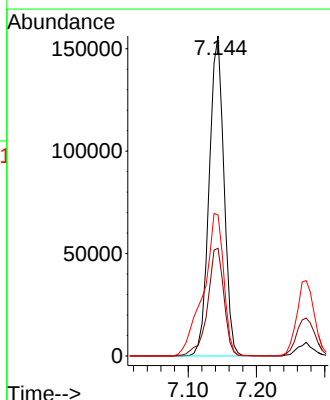
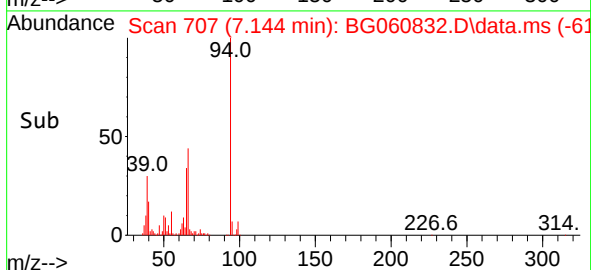
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#10
Phenol
Concen: 46.451 ng
RT: 7.144 min Scan# 707
Delta R.T. 0.005 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15



Tgt Ion: 94 Resp: 235414
Ion Ratio Lower Upper
94 100
65 33.7 13.3 53.3
66 44.1 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 39.195 ng
RT: 7.373 min Scan# 748
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

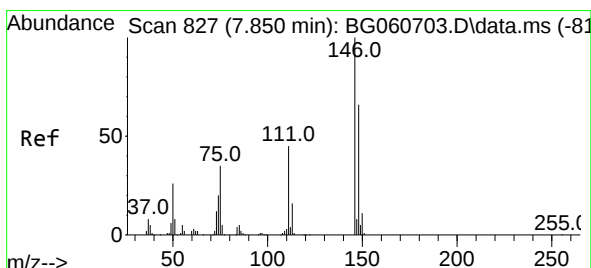
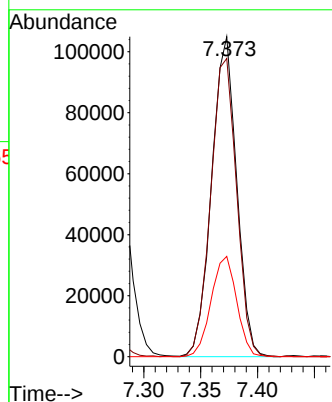
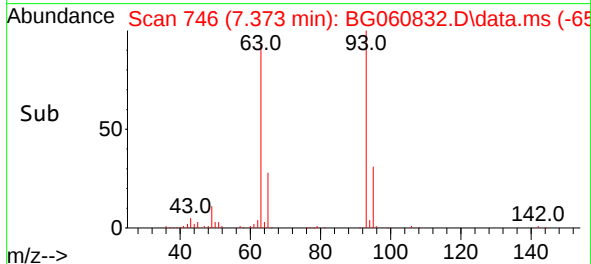
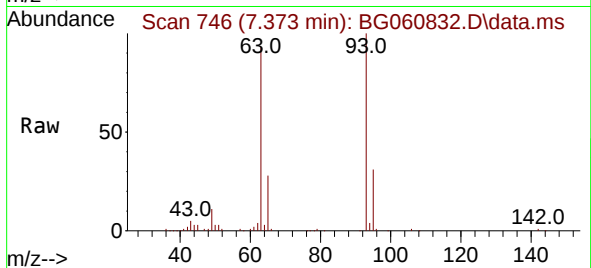
PB160000BS

Tgt Ion: 93 Resp: 160370
Ion Ratio Lower Upper
93 100
63 93.2 73.7 113.7
95 31.4 11.2 51.2

Manual Integrations

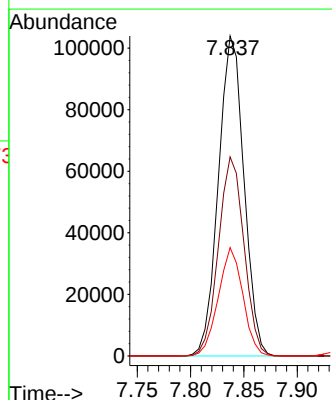
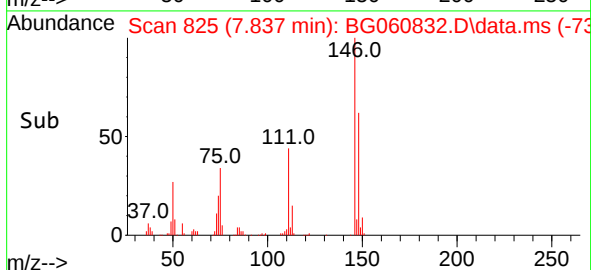
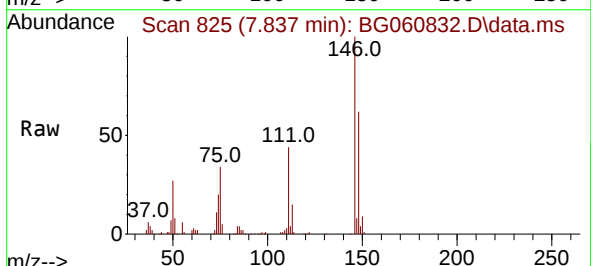
APPROVED

Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#12
1,3-Dichlorobenzene
Concen: 43.876 ng
RT: 7.837 min Scan# 825
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Tgt Ion:146 Resp: 173051
Ion Ratio Lower Upper
146 100
148 62.2 53.0 79.4
75 33.9 28.1 42.1





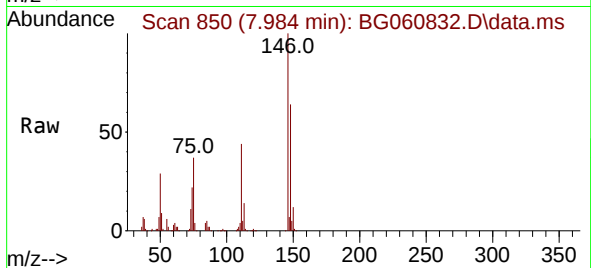
#13
1,4-Dichlorobenzene
Concen: 44.026 ng
RT: 7.984 min Scan# 852
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS



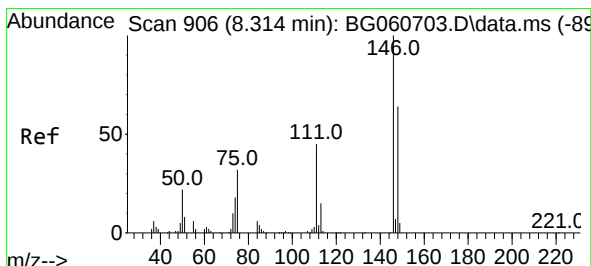
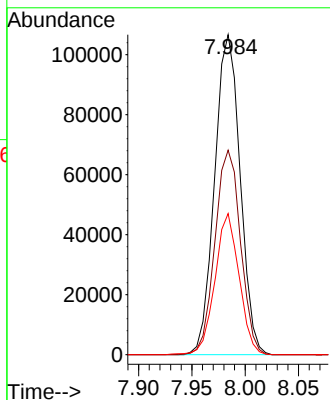
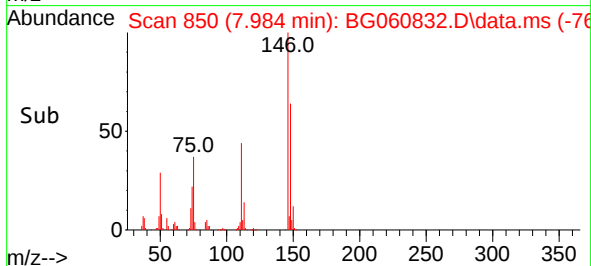
Tgt Ion:146 Resp: 177150
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
111 44.1 35.0 52.6

Manual Integrations

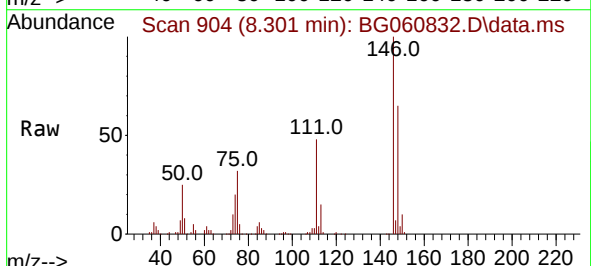
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

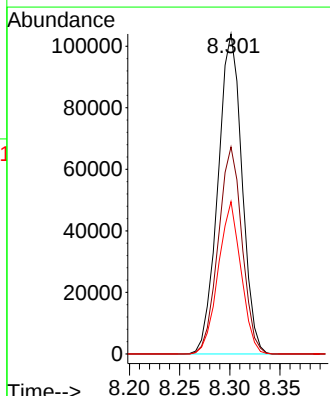
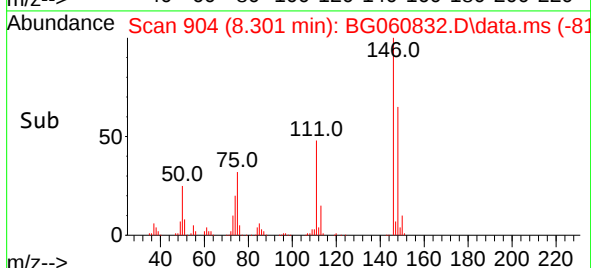
Supervised By :mohammad ahmed 04/10/2024

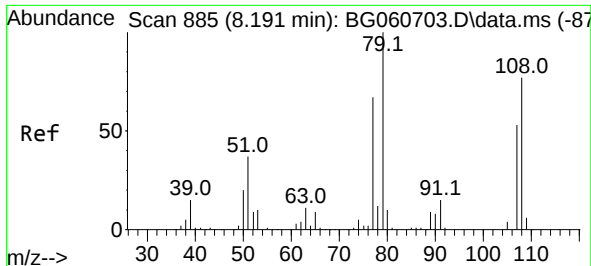


#14
1,2-Dichlorobenzene
Concen: 43.900 ng
RT: 8.301 min Scan# 904
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15



Tgt Ion:146 Resp: 173112
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.6
111 47.6 36.0 54.0





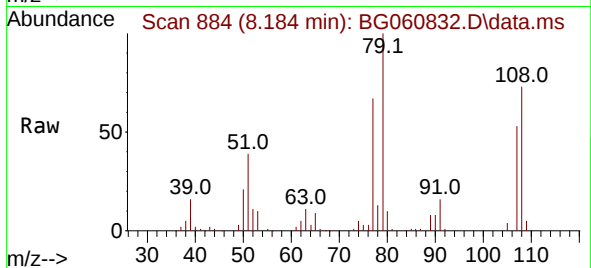
#15
Benzyl Alcohol
Concen: 43.816 ng
RT: 8.184 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

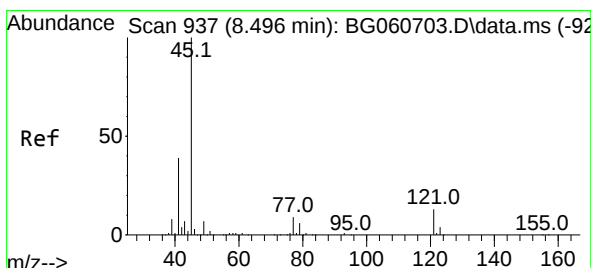
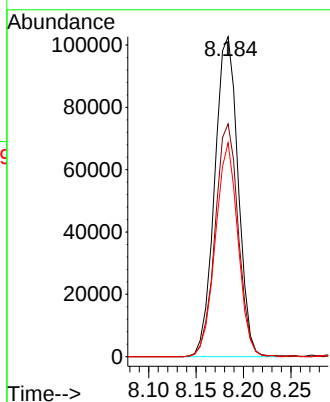
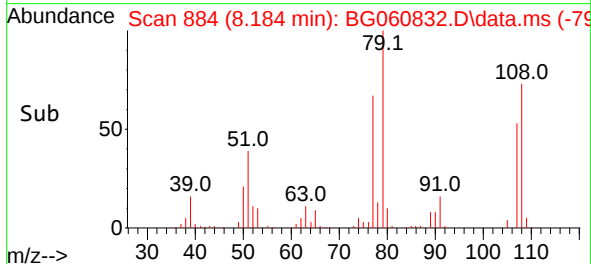
PB160000BS



Tgt Ion: 79 Resp: 176252
Ion Ratio Lower Upper
79 100
108 72.8 61.4 92.0
77 66.9 53.6 80.4

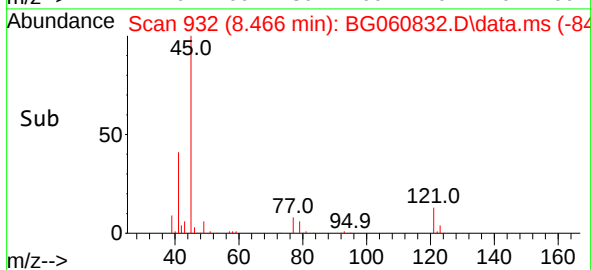
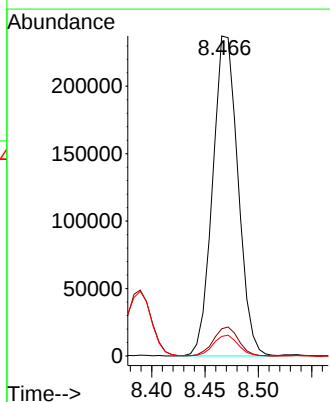
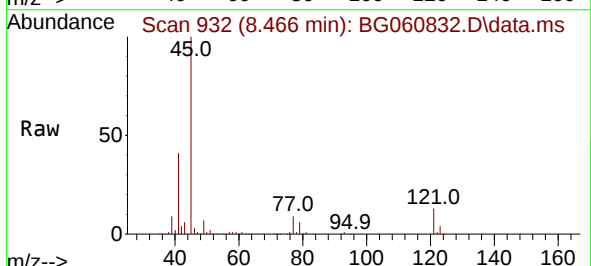
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.481 ng
RT: 8.466 min Scan# 932
Delta R.T. -0.030 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Tgt Ion: 45 Resp: 392272
Ion Ratio Lower Upper
45 100
77 8.5 0.0 29.1
79 6.1 0.0 26.5





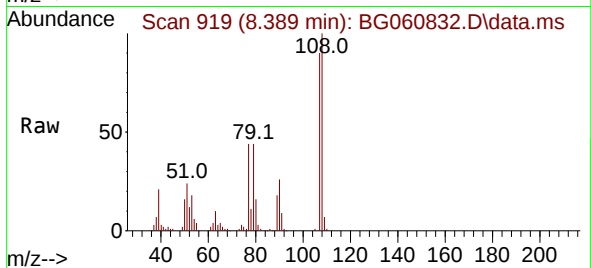
#17
2-Methylphenol
Concen: 42.342 ng
RT: 8.389 min Scan# 919
Delta R.T. -0.001 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS



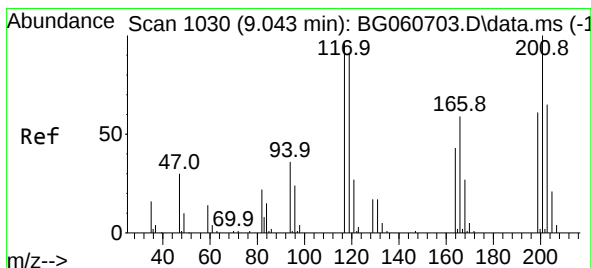
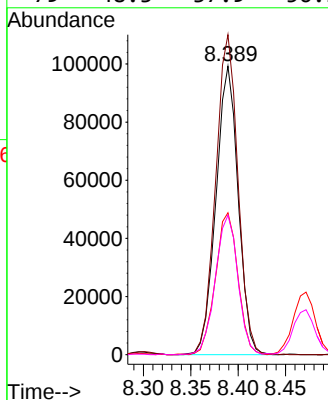
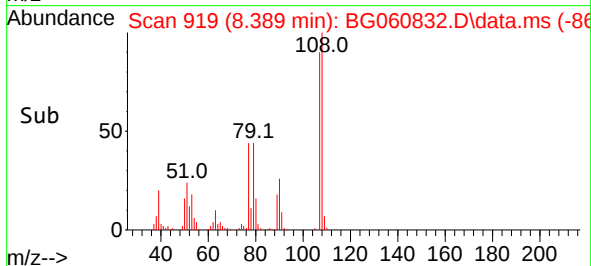
Tgt Ion:107 Resp: 161990
Ion Ratio Lower Upper
107 100
108 110.9 86.4 129.6
77 49.2 38.6 58.0
79 48.3 37.9 56.9

Manual Integrations

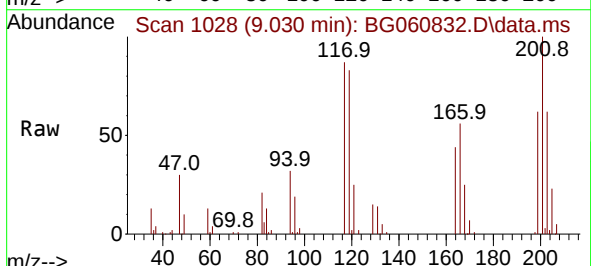
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

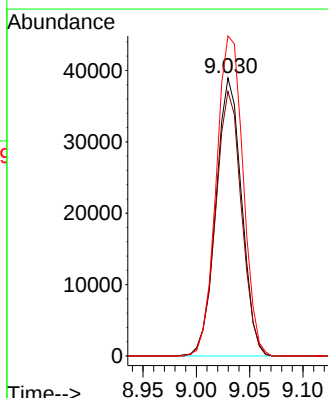
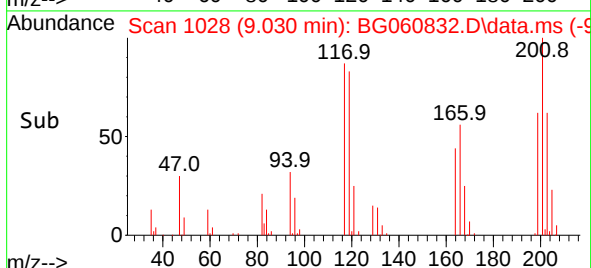
Supervised By :mohammad ahmed 04/10/2024

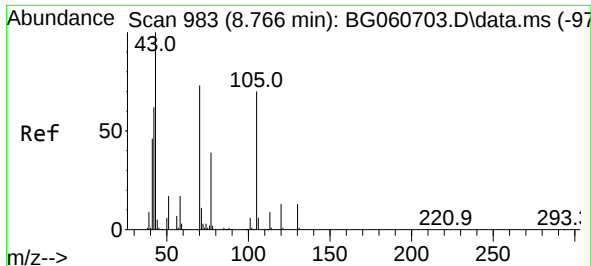


#18
Hexachloroethane
Concen: 45.742 ng
RT: 9.030 min Scan# 1028
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15



Tgt Ion:117 Resp: 65371
Ion Ratio Lower Upper
117 100
119 95.2 75.7 113.5
201 115.2 83.4 125.2





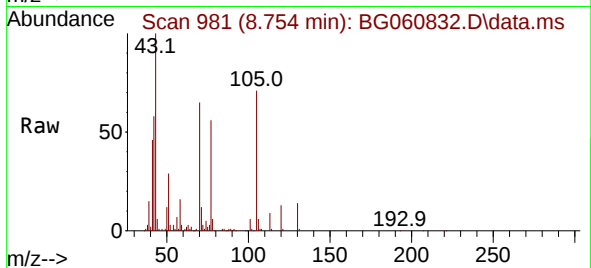
#19
n-Nitroso-di-n-propylamine
Concen: 38.894 ng
RT: 8.754 min Scan# 981
Delta R.T. -0.012 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS



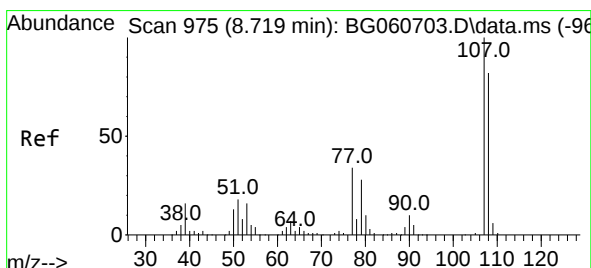
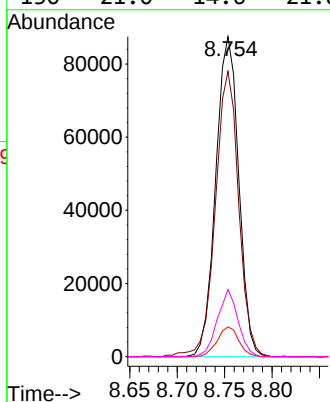
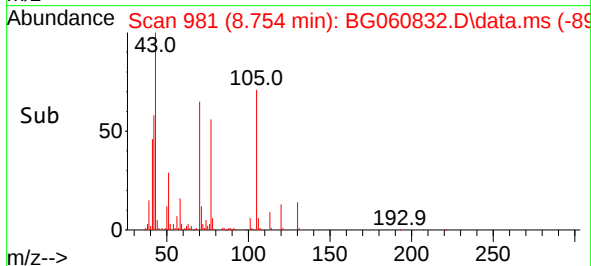
Tgt Ion: 70 Resp: 147292
Ion Ratio Lower Upper
70 100
42 89.1 68.4 102.6
101 9.3 6.1 9.1
130 21.0 14.6 21.8

Manual Integrations

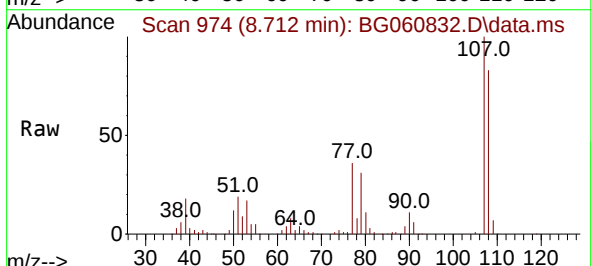
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

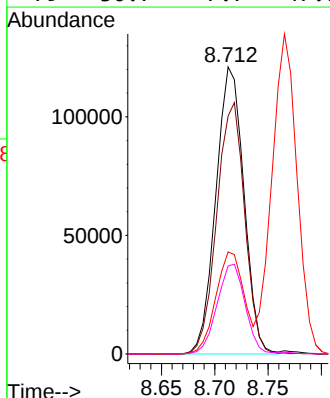
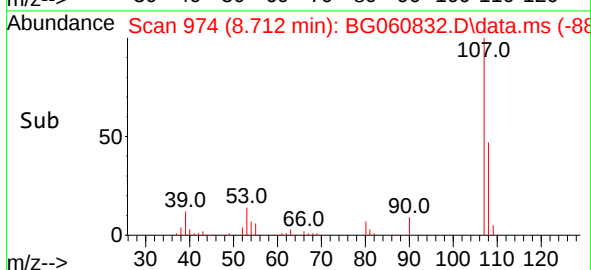
Supervised By :mohammad ahmed 04/10/2024

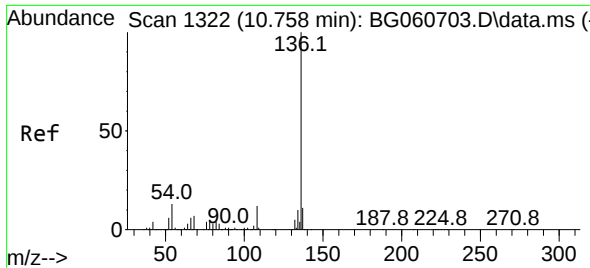


#20
3+4-Methylphenols
Concen: 42.258 ng
RT: 8.712 min Scan# 974
Delta R.T. -0.007 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15



Tgt Ion:107 Resp: 221392
Ion Ratio Lower Upper
107 100
108 82.9 62.2 102.2
77 35.5 14.1 54.1
79 30.7 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1322
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

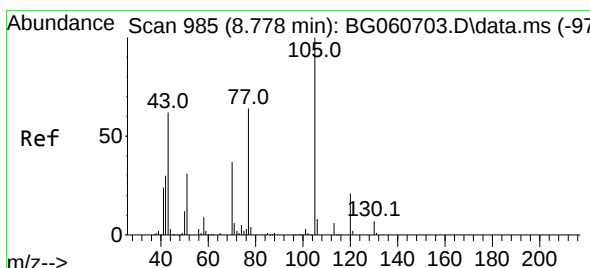
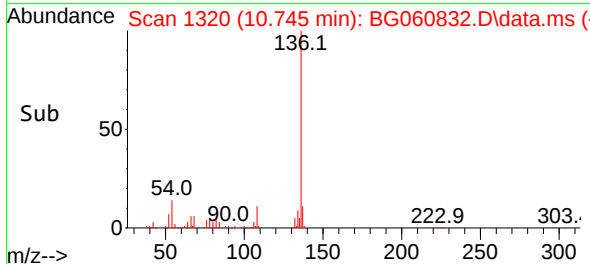
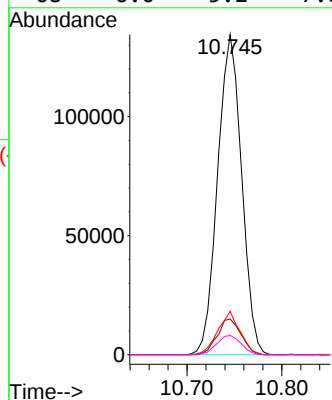
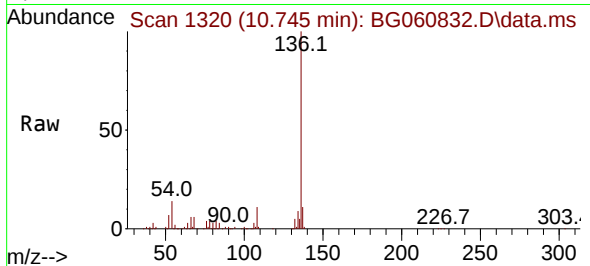
PB160000BS

Tgt Ion:136 Resp: 236439
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 13.6 10.2 15.2
68 6.0 5.2 7.8

Manual Integrations

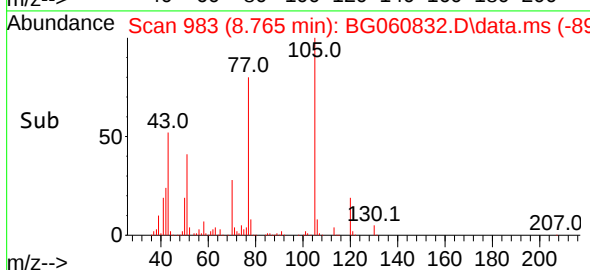
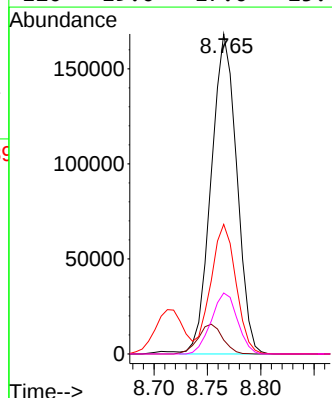
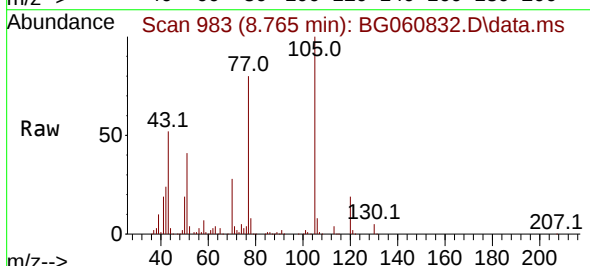
APPROVED

Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#22
Acetophenone
Concen: 43.013 ng
RT: 8.765 min Scan# 983
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Tgt Ion:105 Resp: 280422
Ion Ratio Lower Upper
105 100
71 4.3 4.9 7.3#
51 40.5 31.1 46.7
120 19.0 17.0 25.4





#23

Nitrobenzene-d5

Concen: 98.203 ng

RT: 9.106 min Scan# 1041

Delta R.T. -0.007 min

Lab File: BG060832.D

Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS

Tgt Ion: 82 Resp: 40691

Ion Ratio Lower Upper

82 100

128 37.5 31.2 46.8

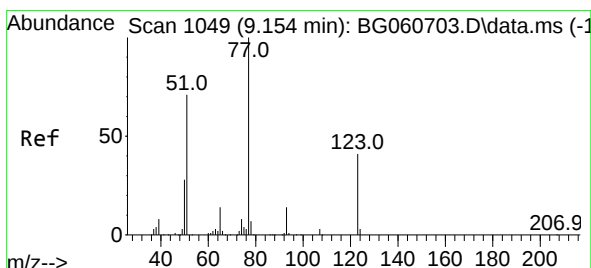
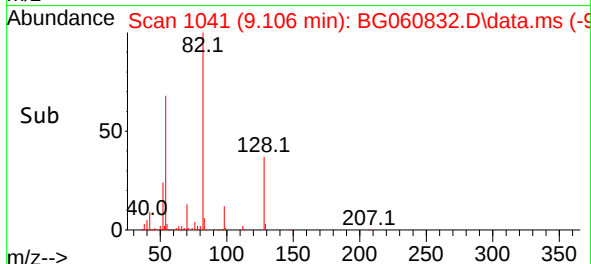
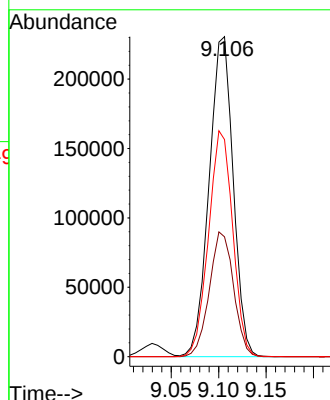
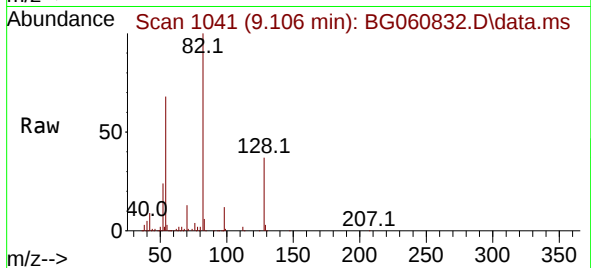
54 67.8 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#24

Nitrobenzene

Concen: 45.679 ng

RT: 9.147 min Scan# 1048

Delta R.T. -0.007 min

Lab File: BG060832.D

Acq: 8 Apr 2024 19:15

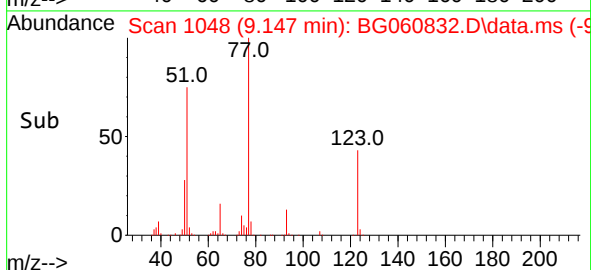
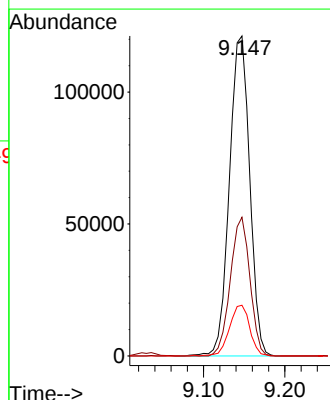
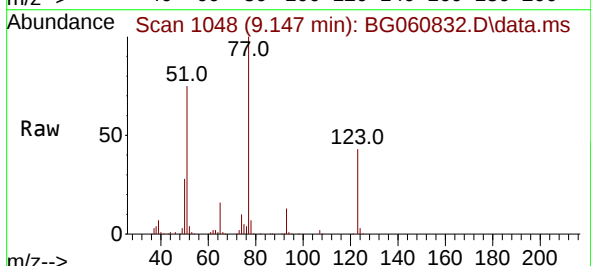
Tgt Ion: 77 Resp: 210031

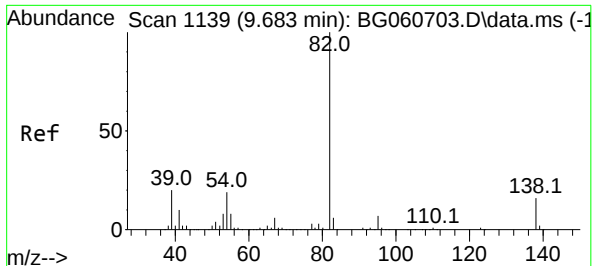
Ion Ratio Lower Upper

77 100

123 43.3 32.7 49.1

65 15.8 11.3 16.9





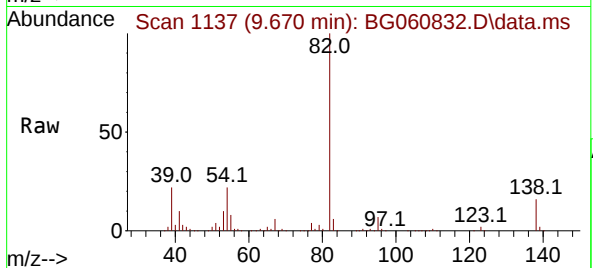
#25
Isophorone
Concen: 41.977 ng
RT: 9.670 min Scan# 1139
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS

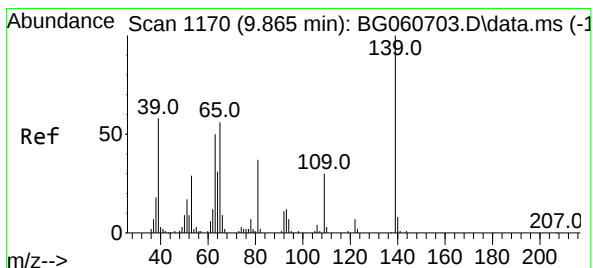
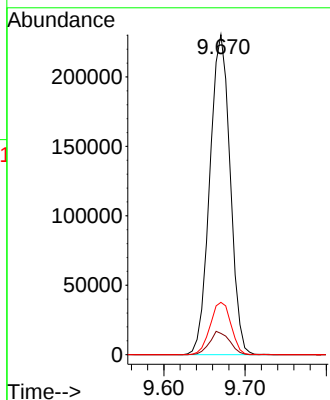
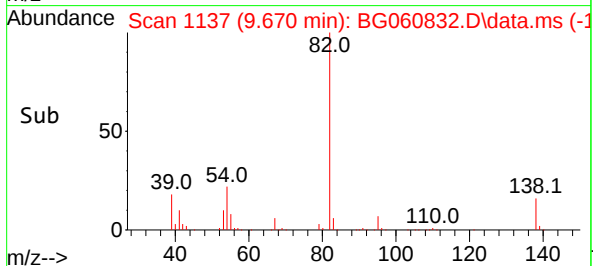


Tgt Ion: 82 Resp: 400614
Ion Ratio Lower Upper
82 100
95 6.7 5.8 8.8
138 16.4 13.0 19.4

Manual Integrations

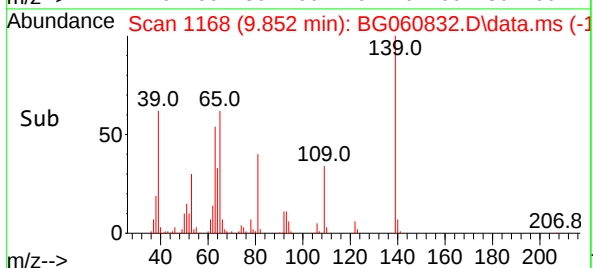
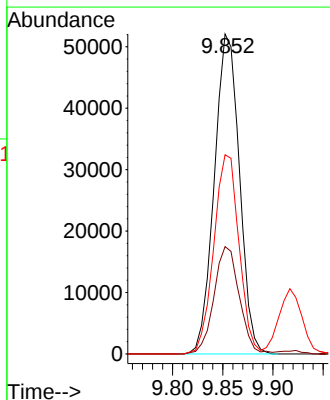
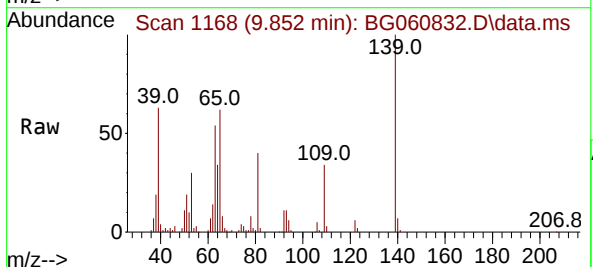
APPROVED

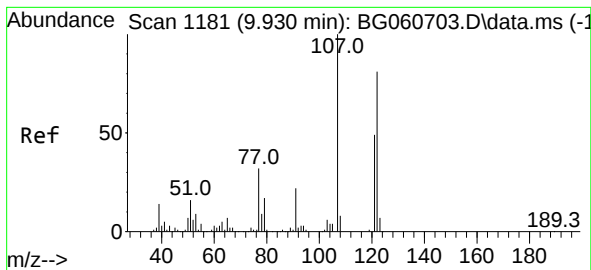
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#26
2-Nitrophenol
Concen: 54.491 ng
RT: 9.852 min Scan# 1168
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Tgt Ion:139 Resp: 90476
Ion Ratio Lower Upper
139 100
109 33.5 23.9 35.9
65 62.3 44.5 66.7





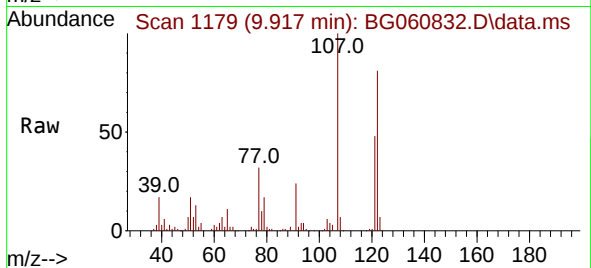
#27
2,4-Dimethylphenol
Concen: 35.313 ng
RT: 9.917 min Scan# 1181
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS



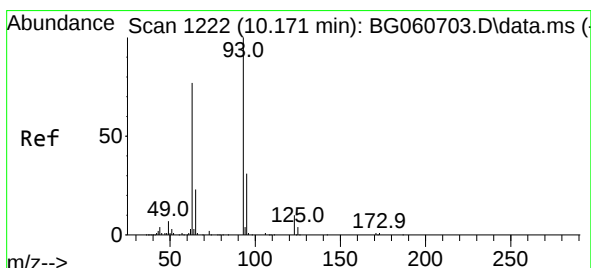
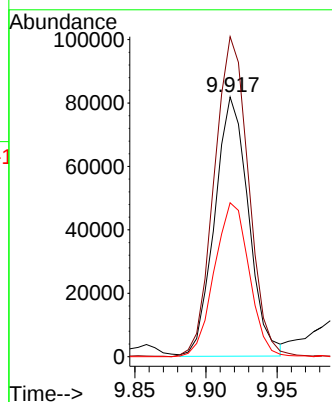
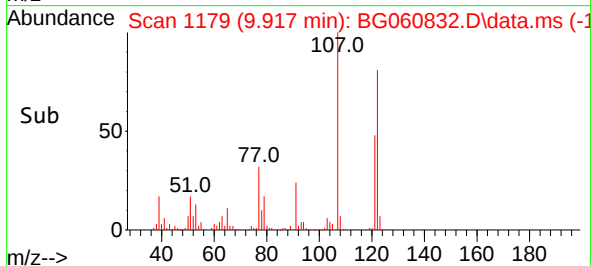
Tgt Ion:122 Resp: 13538
Ion Ratio Lower Upper
122 100
107 123.2 98.6 147.8
121 59.3 48.1 72.1

Manual Integrations

APPROVED

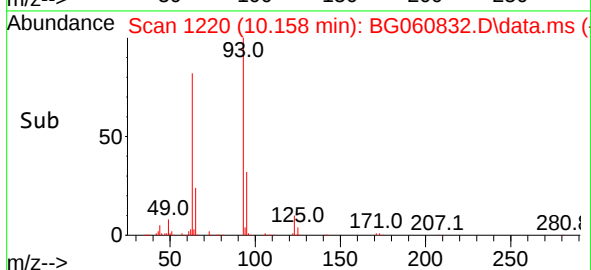
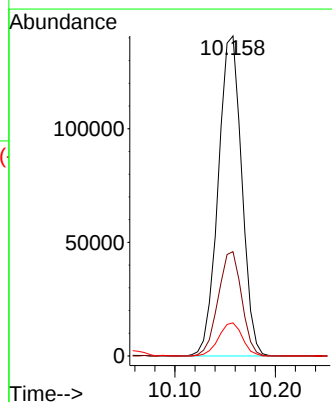
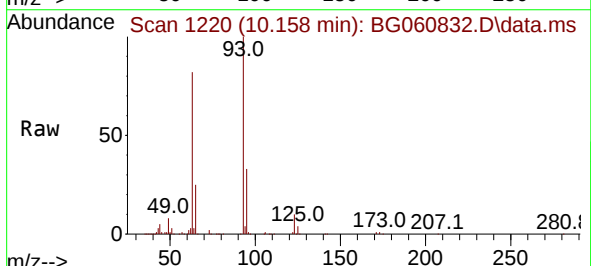
Reviewed By :Yogesh Patel 04/10/2024

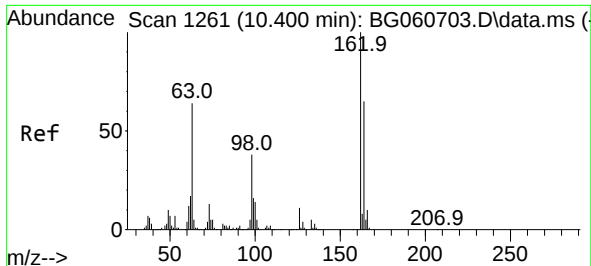
Supervised By :mohammad ahmed 04/10/2024



#28
bis(2-Chloroethoxy)methane
Concen: 40.642 ng
RT: 10.158 min Scan# 1220
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Tgt Ion: 93 Resp: 228997
Ion Ratio Lower Upper
93 100
95 32.6 25.1 37.7
123 10.3 8.0 12.0





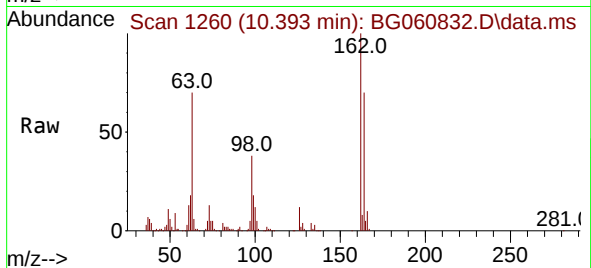
#29
2,4-Dichlorophenol
Concen: 51.352 ng
RT: 10.393 min Scan# 1260
Delta R.T. -0.007 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS

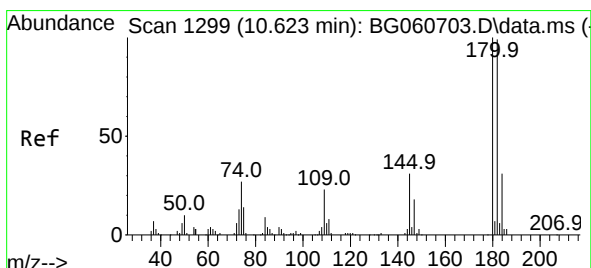
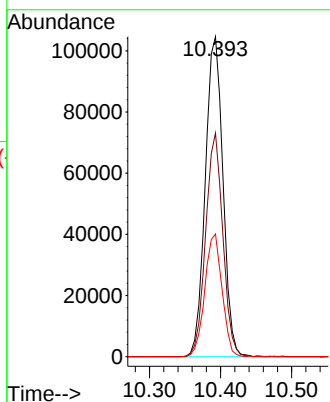
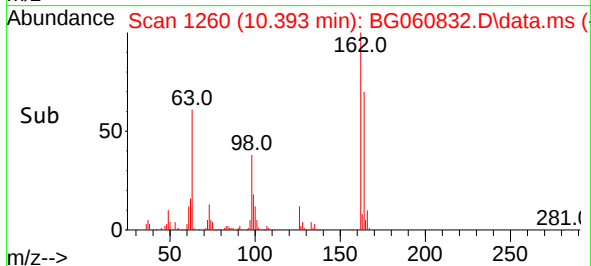


Tgt Ion:162 Resp: 18078
Ion Ratio Lower Upper
162 100
164 69.9 45.2 85.2
98 38.3 17.7 57.7

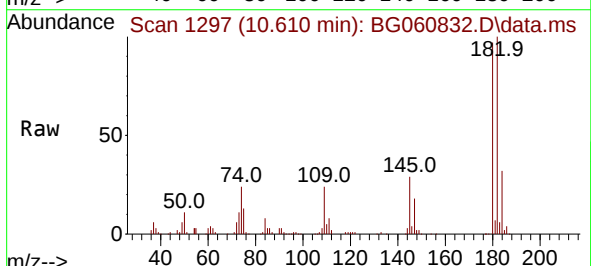
Manual Integrations

APPROVED

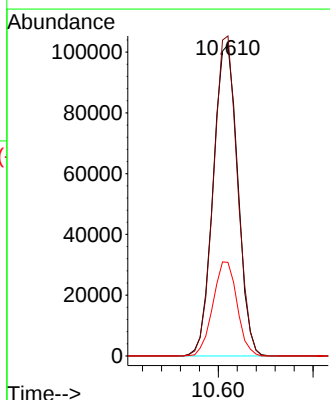
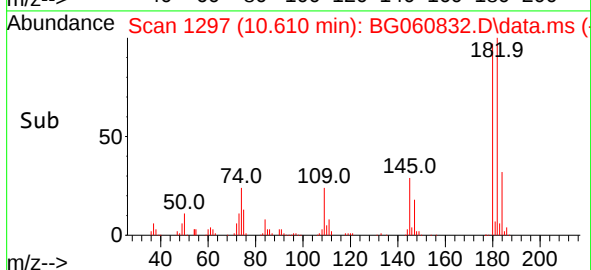
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

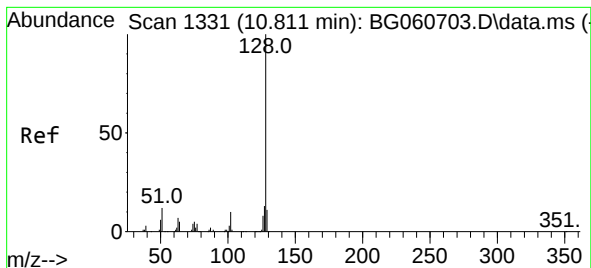


#30
1,2,4-Trichlorobenzene
Concen: 46.257 ng
RT: 10.610 min Scan# 1297
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15



Tgt Ion:180 Resp: 184398
Ion Ratio Lower Upper
180 100
182 102.8 79.0 118.4
145 30.1 24.9 37.3





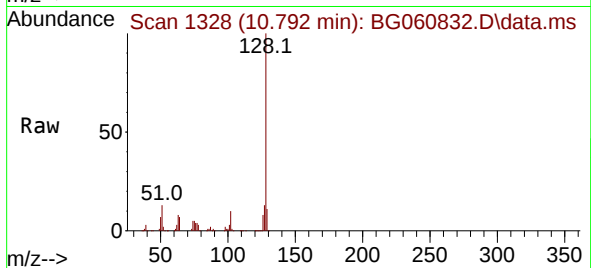
#31
Naphthalene
Concen: 42.225 ng
RT: 10.792 min Scan# 11
Delta R.T. -0.019 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS



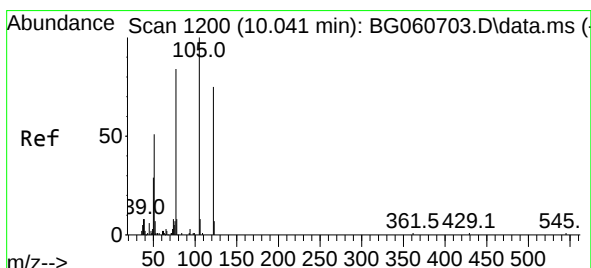
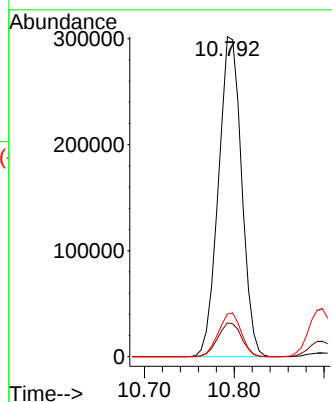
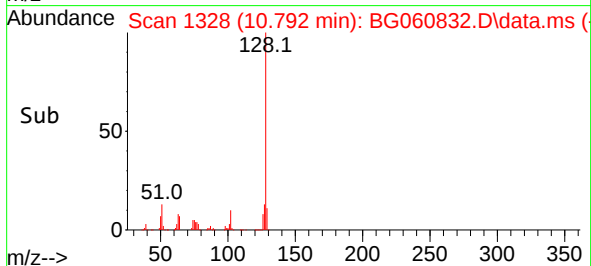
Tgt Ion:128 Resp: 54050
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.3 10.5 15.7

Manual Integrations

APPROVED

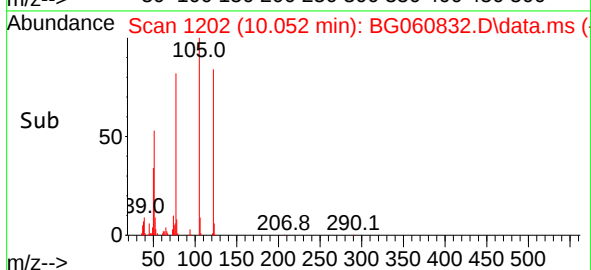
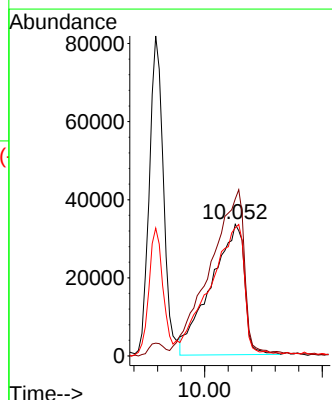
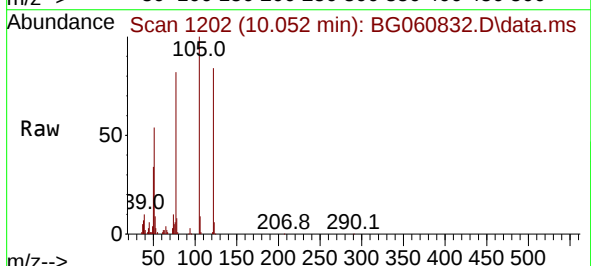
Reviewed By :Yogesh Patel 04/10/2024

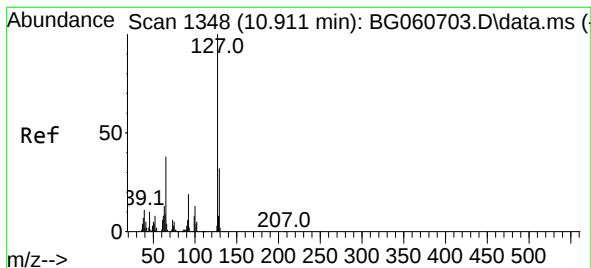
Supervised By :mohammad ahmed 04/10/2024



#32
Benzoic acid
Concen: 51.261 ng
RT: 10.052 min Scan# 1202
Delta R.T. 0.011 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Tgt Ion:122 Resp: 132133
Ion Ratio Lower Upper
122 100
105 119.1 104.5 144.5
77 97.3 85.3 125.3





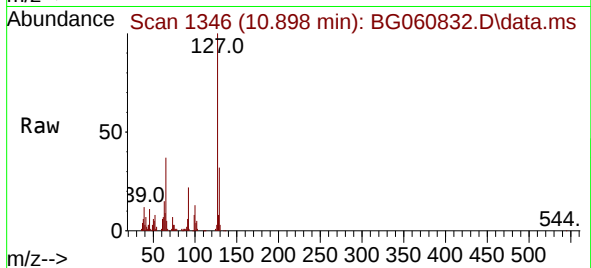
#33
4-Chloroaniline
Concen: 14.346 ng
RT: 10.898 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS



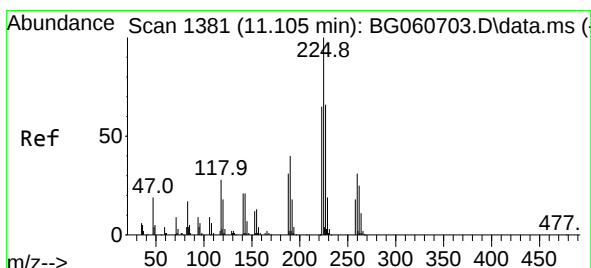
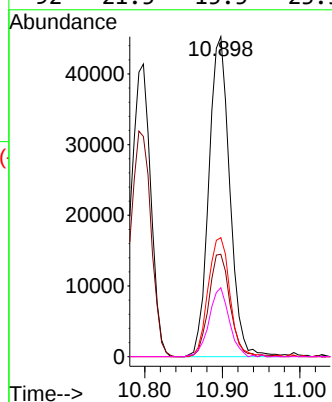
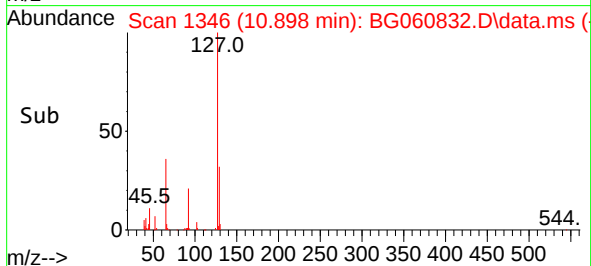
Tgt Ion:127 Resp: 8522
Ion Ratio Lower Upper
127 100
129 32.0 25.3 37.9
65 37.2 30.2 45.2
92 21.5 15.5 23.3

Manual Integrations

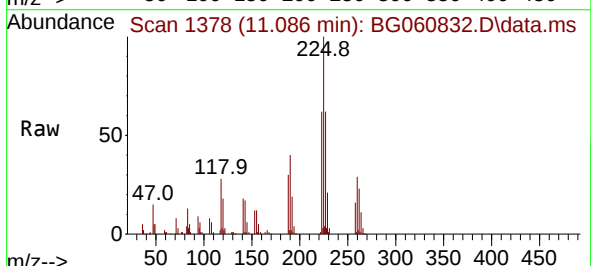
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

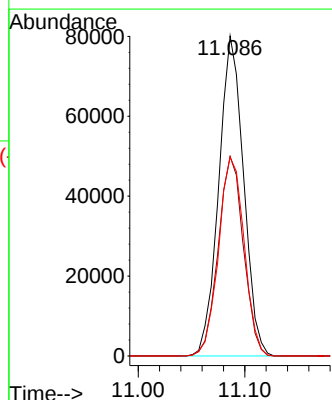
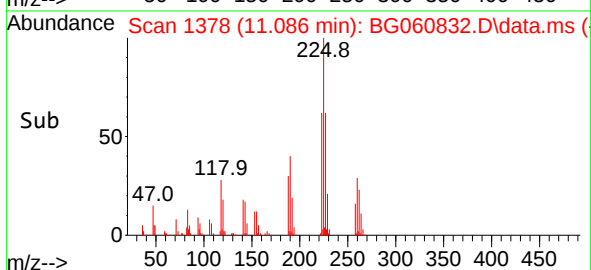
Supervised By :mohammad ahmed 04/10/2024

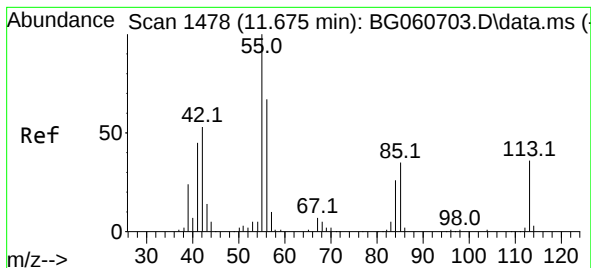


#34
Hexachlorobutadiene
Concen: 48.688 ng
RT: 11.086 min Scan# 1378
Delta R.T. -0.019 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15



Tgt Ion:225 Resp: 129353
Ion Ratio Lower Upper
225 100
223 62.3 52.0 78.0
227 62.2 52.5 78.7





#35

Caprolactam

Concen: 44.564 ng m

RT: 11.668 min Scan# 1478

Delta R.T. -0.007 min

Lab File: BG060832.D

Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS

Tgt Ion:113 Resp: 6213

Ion Ratio Lower Upper

113 100

55 275.0 258.0 298.0

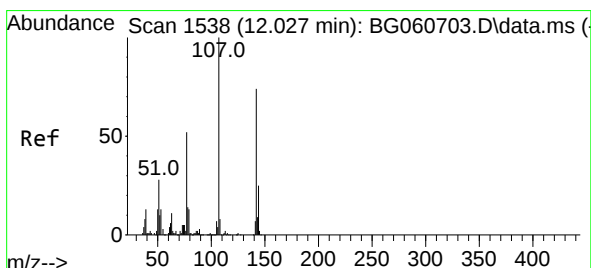
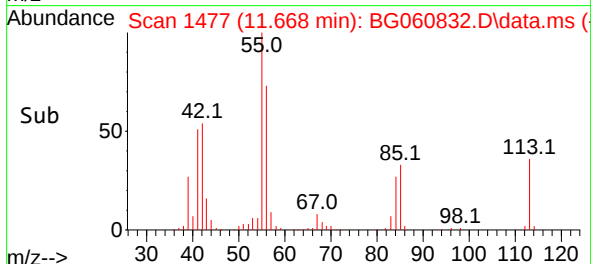
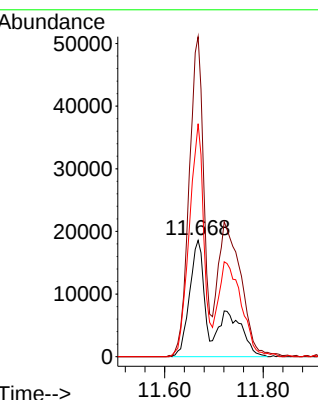
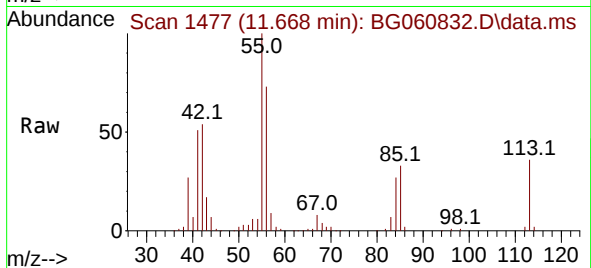
56 200.3 166.3 206.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#36

4-Chloro-3-methylphenol

Concen: 47.446 ng

RT: 12.026 min Scan# 1538

Delta R.T. -0.001 min

Lab File: BG060832.D

Acq: 8 Apr 2024 19:15

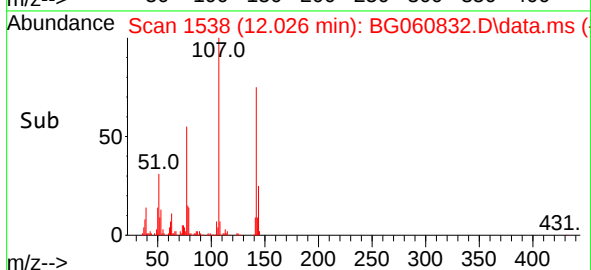
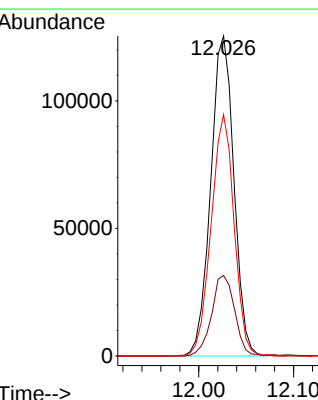
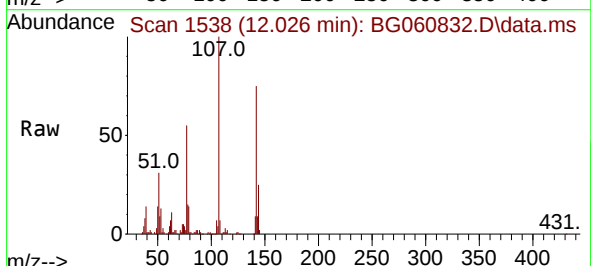
Tgt Ion:107 Resp: 213379

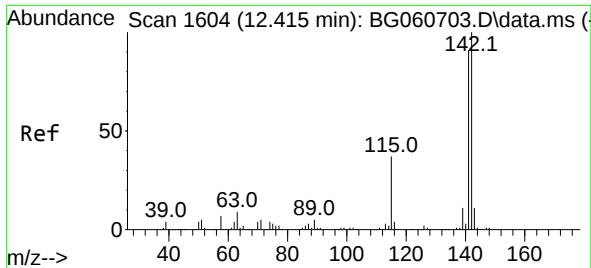
Ion Ratio Lower Upper

107 100

144 25.1 20.0 30.0

142 75.4 59.2 88.8





#37
2-Methylnaphthalene
Concen: 41.780 ng
RT: 12.402 min Scan# 1602
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

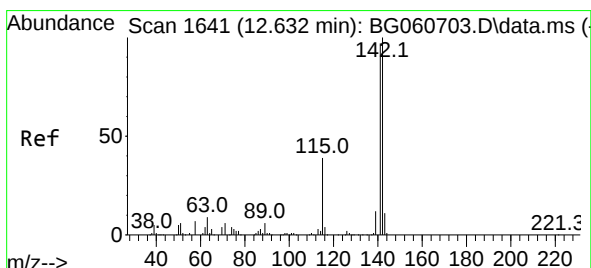
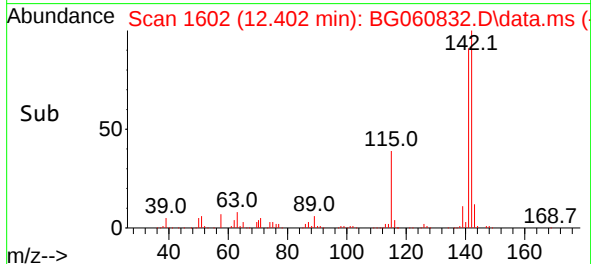
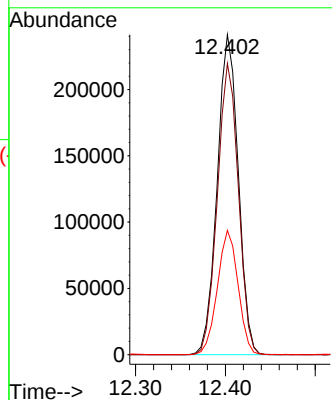
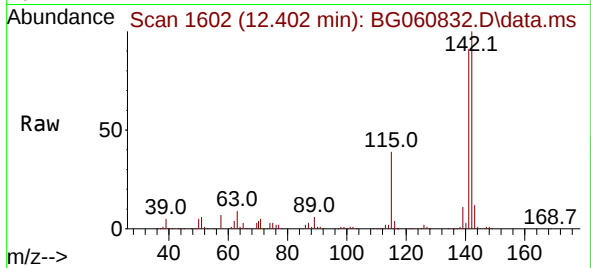
ClientSampleId :

PB160000BS

Tgt Ion:142 Resp: 39285
Ion Ratio Lower Upper
142 100
141 91.0 72.7 109.1
115 38.8 29.9 44.9

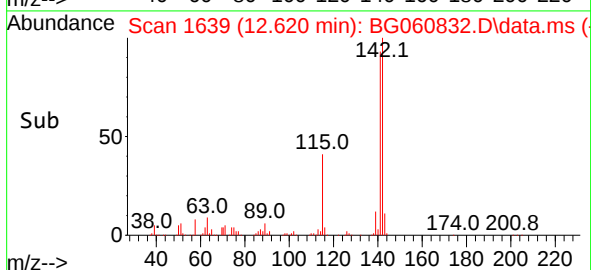
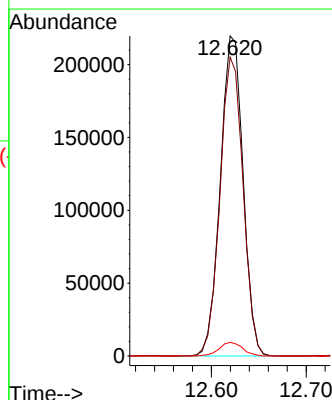
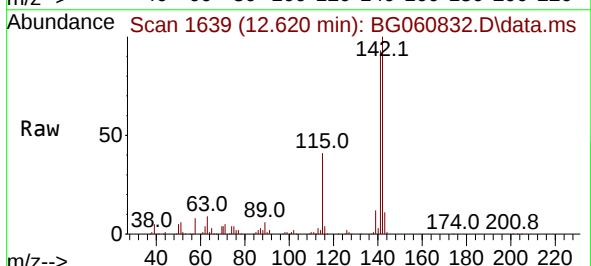
Manual Integrations
APPROVED

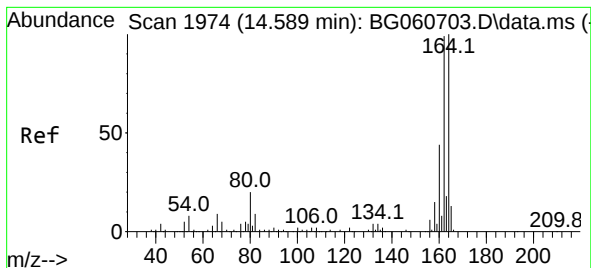
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#38
1-Methylnaphthalene
Concen: 41.319 ng
RT: 12.620 min Scan# 1639
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Tgt Ion:142 Resp: 367037
Ion Ratio Lower Upper
142 100
141 93.4 77.7 116.5
116 4.2 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.576 min Scan# 1974

Delta R.T. -0.013 min

Lab File: BG060832.D

Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS

Tgt Ion:164 Resp: 190328

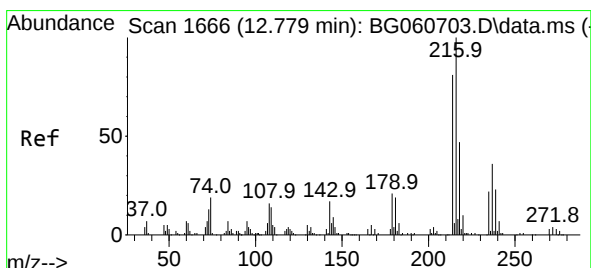
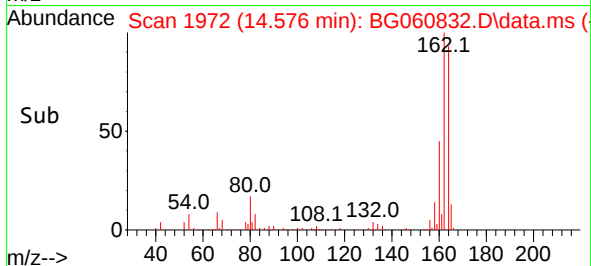
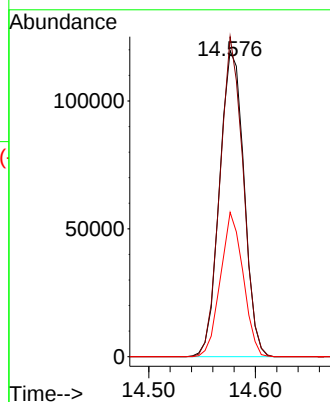
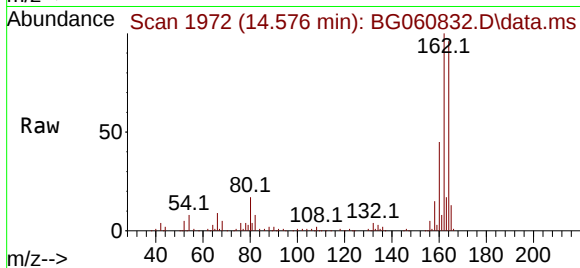
Ion	Ratio	Lower	Upper
164	100		
162	104.5	79.5	119.3
160	47.1	35.4	53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.901 ng

RT: 12.772 min Scan# 1665

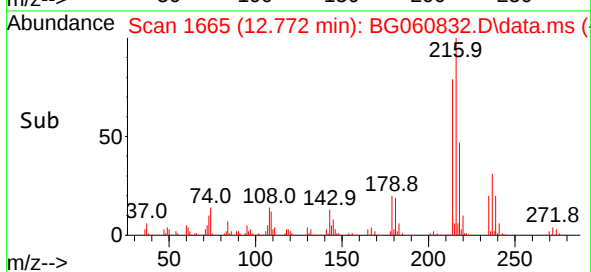
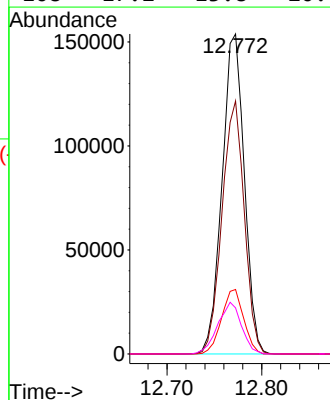
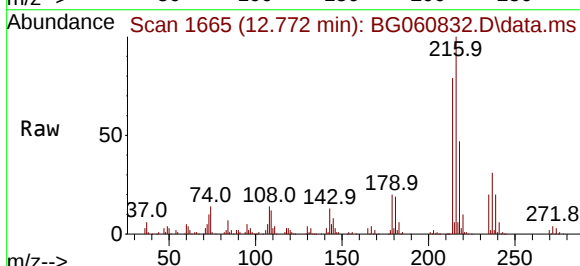
Delta R.T. -0.007 min

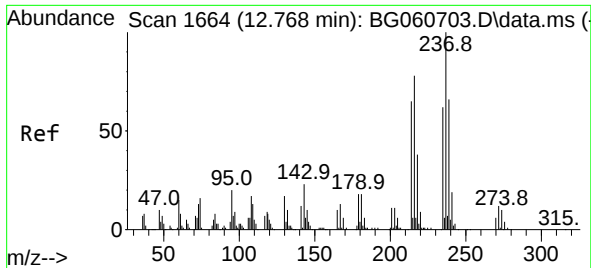
Lab File: BG060832.D

Acq: 8 Apr 2024 19:15

Tgt Ion:216 Resp: 251156

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.1	94.7
179	20.0	16.7	25.1
108	17.2	13.8	20.6





#41
Hexachlorocyclopentadiene
Concen: 106.594 ng
RT: 12.755 min Scan# 1662
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

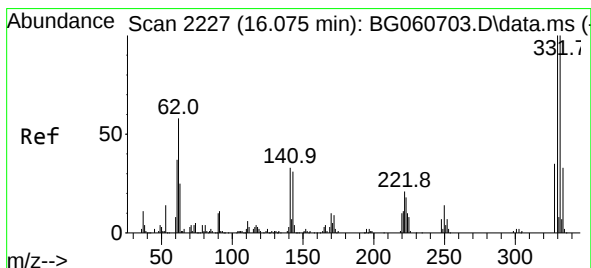
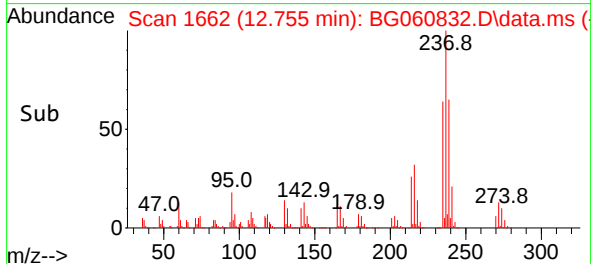
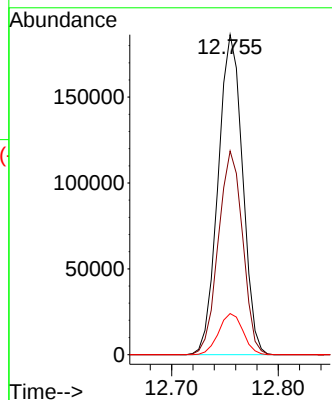
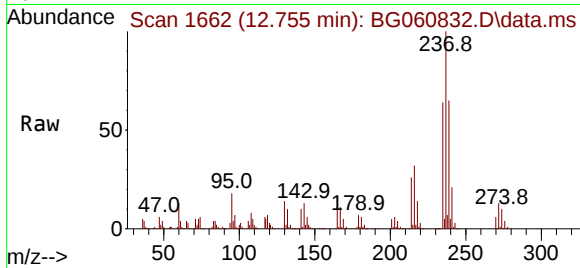
PB160000BS

Tgt Ion:237 Resp: 29657
Ion Ratio Lower Upper
237 100
235 63.7 42.0 82.0
272 12.9 0.0 32.4

Manual Integrations

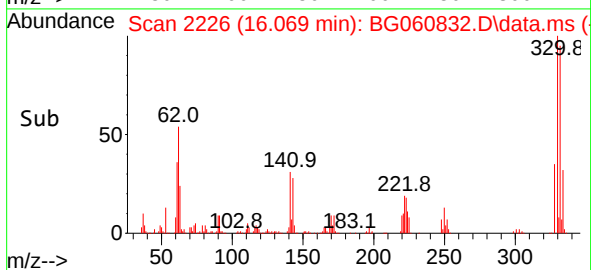
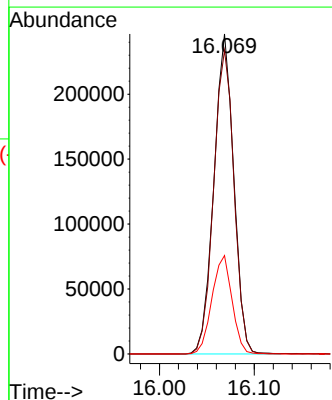
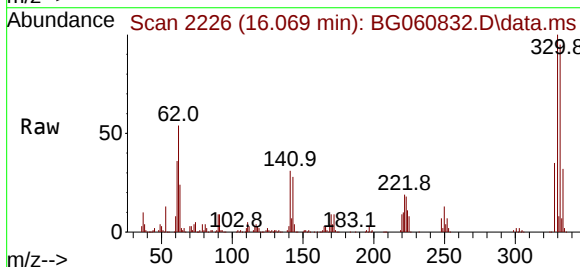
APPROVED

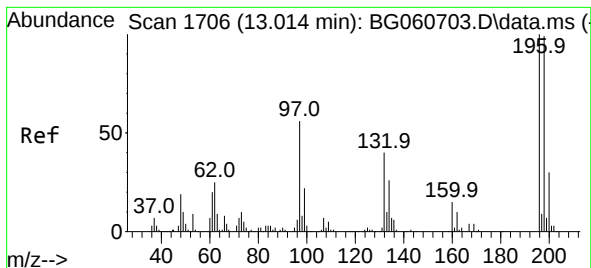
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#42
2,4,6-Tribromophenol
Concen: 165.929 ng
RT: 16.069 min Scan# 2226
Delta R.T. -0.007 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Tgt Ion:330 Resp: 358494
Ion Ratio Lower Upper
330 100
332 97.5 78.2 117.4
141 31.1 27.0 40.6





#43

2,4,6-Trichlorophenol

Concen: 50.055 ng

RT: 13.007 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG060832.D

Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS

Tgt Ion:196 Resp: 176358

Ion Ratio Lower Upper

196 100

198 95.9 79.1 118.7

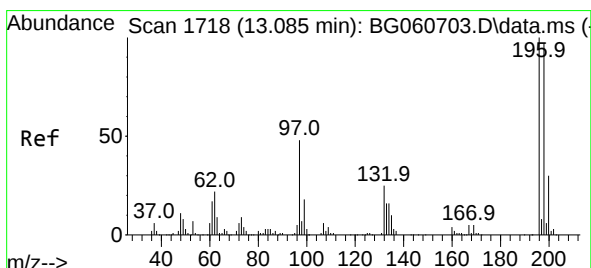
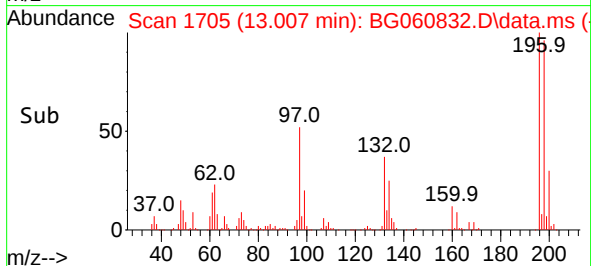
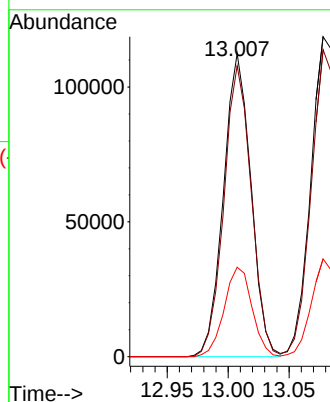
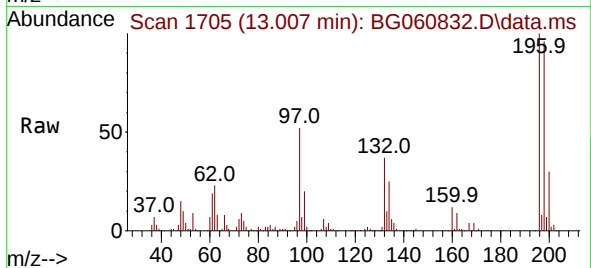
200 29.5 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#44

2,4,5-Trichlorophenol

Concen: 47.513 ng

RT: 13.078 min Scan# 1717

Delta R.T. -0.007 min

Lab File: BG060832.D

Acq: 8 Apr 2024 19:15

Tgt Ion:196 Resp: 199777

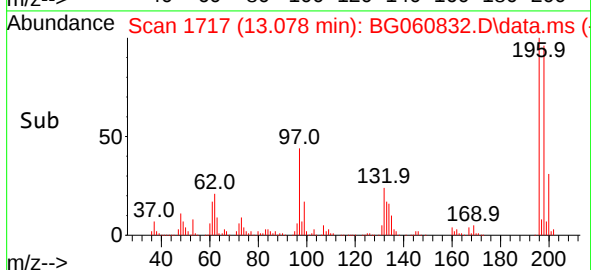
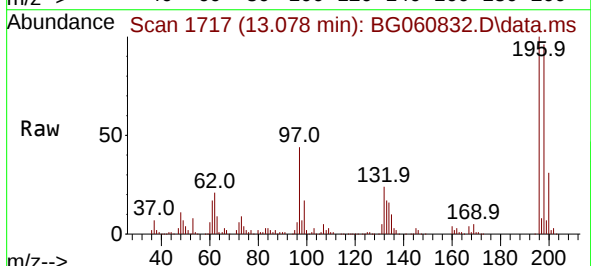
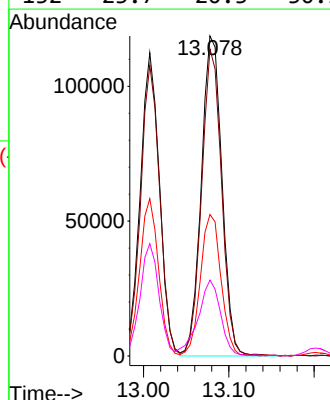
Ion Ratio Lower Upper

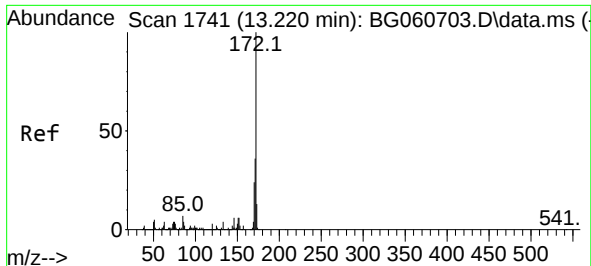
196 100

198 96.0 77.8 116.8

97 44.2 38.2 57.4

132 23.7 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 80.898 ng
RT: 13.207 min Scan# 1739
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS

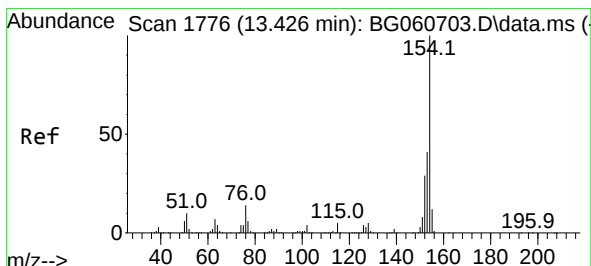
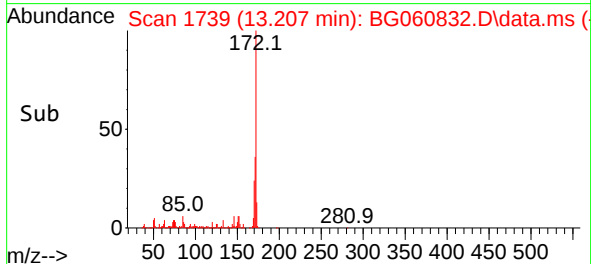
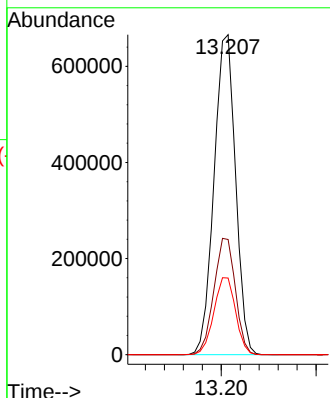
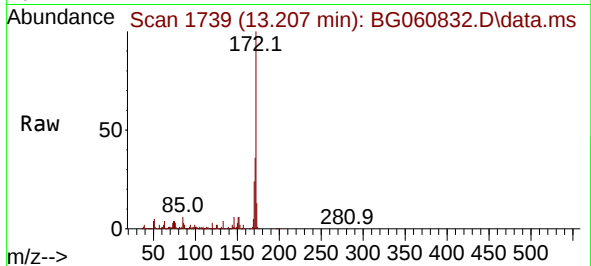
Tgt Ion:172 Resp: 104911
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 24.0 19.4 29.0

Manual Integrations

APPROVED

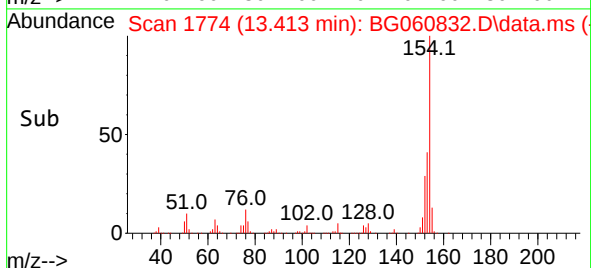
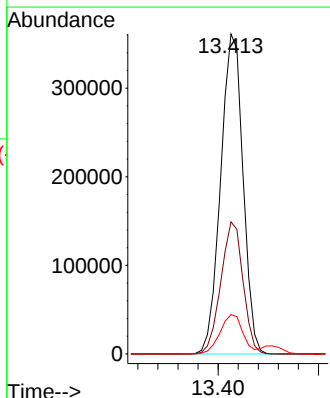
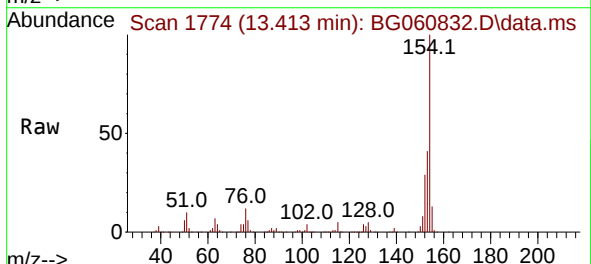
Reviewed By :Yogesh Patel 04/10/2024

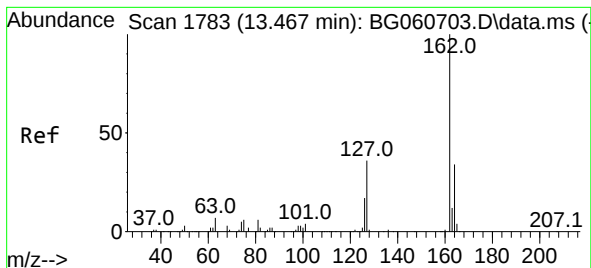
Supervised By :mohammad ahmed 04/10/2024



#46
1,1'-Biphenyl
Concen: 41.473 ng
RT: 13.413 min Scan# 1774
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Tgt Ion:154 Resp: 557548
Ion Ratio Lower Upper
154 100
153 41.3 20.8 60.8
76 12.3 0.0 33.9





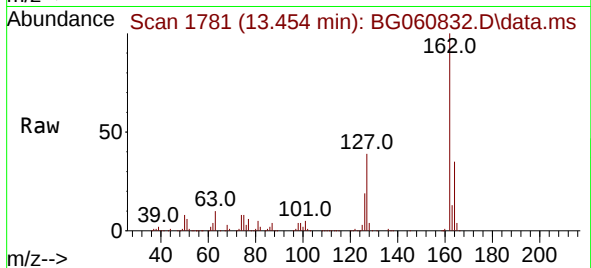
#47
2-Chloronaphthalene
Concen: 43.293 ng
RT: 13.454 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS



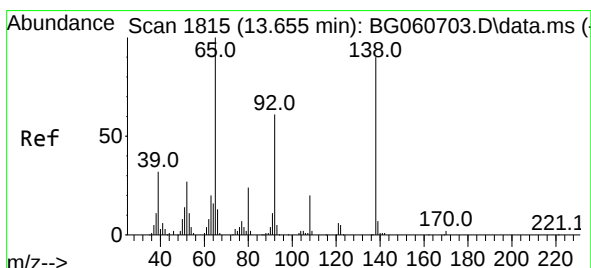
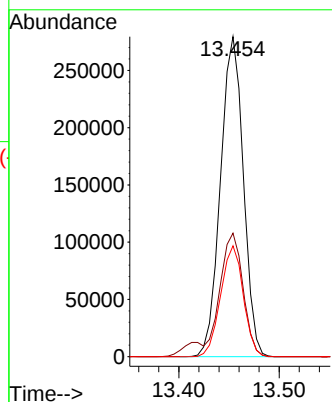
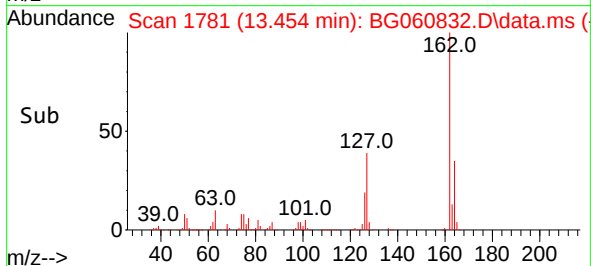
Tgt Ion:162 Resp: 442194
Ion Ratio Lower Upper
162 100
127 38.6 30.6 46.0
164 34.7 26.9 40.3

Manual Integrations

APPROVED

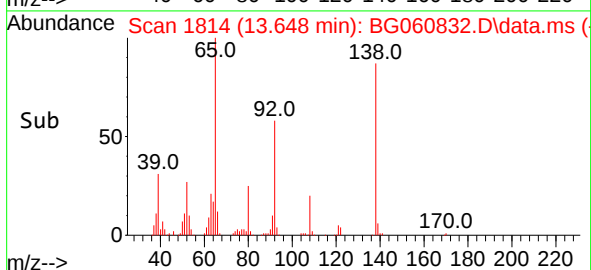
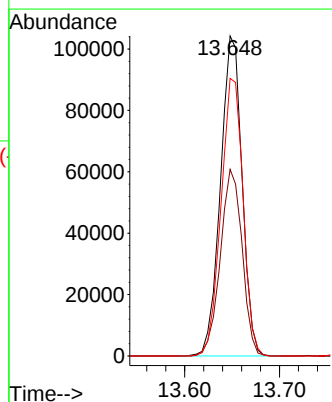
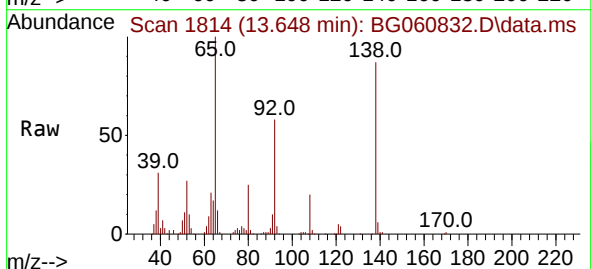
Reviewed By :Yogesh Patel 04/10/2024

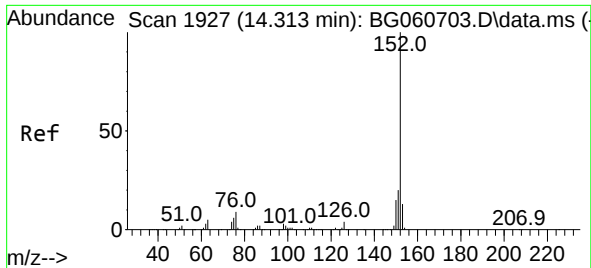
Supervised By :mohammad ahmed 04/10/2024



#48
2-Nitroaniline
Concen: 49.479 ng
RT: 13.648 min Scan# 1814
Delta R.T. -0.007 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Tgt Ion: 65 Resp: 164737
Ion Ratio Lower Upper
65 100
92 58.3 48.6 72.8
138 86.8 72.2 108.4





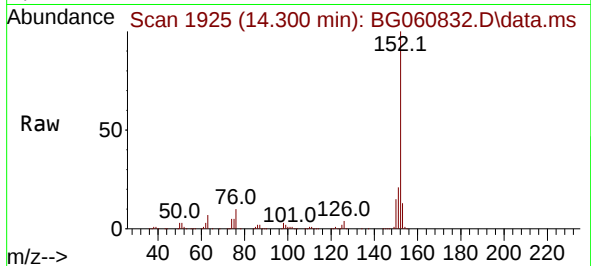
#49
Acenaphthylene
Concen: 44.317 ng
RT: 14.300 min Scan# 1927
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS

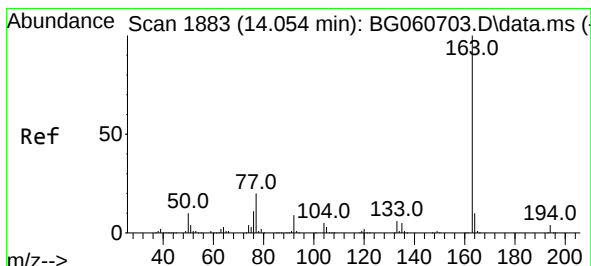
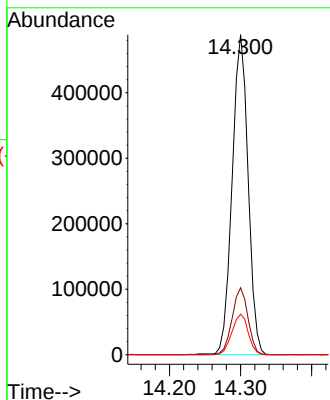
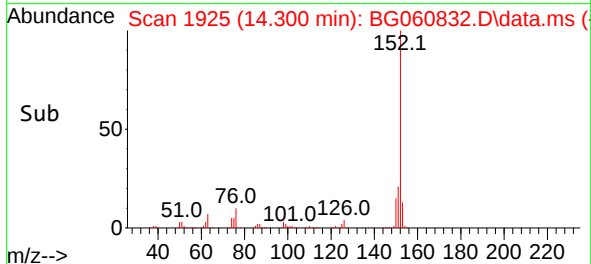


Tgt Ion:152 Resp: 760570
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 12.6 10.5 15.7

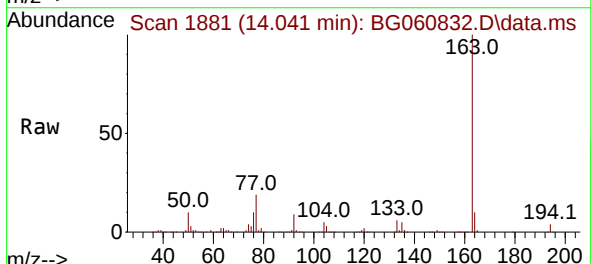
Manual Integrations

APPROVED

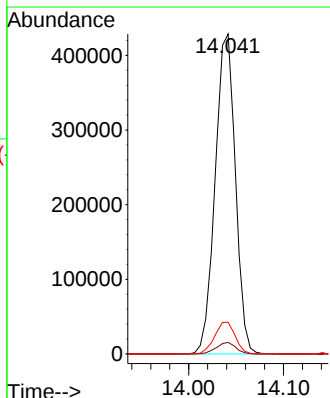
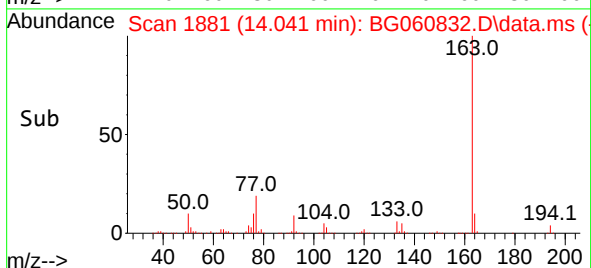
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

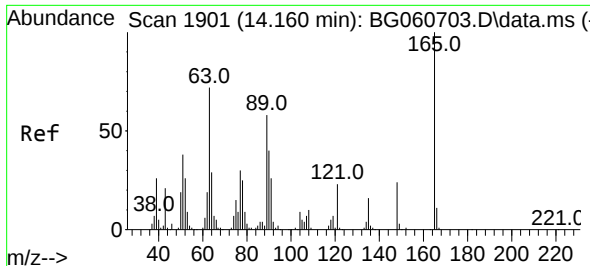


#50
Dimethylphthalate
Concen: 42.283 ng
RT: 14.041 min Scan# 1881
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15



Tgt Ion:163 Resp: 636089
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.9 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 48.005 ng
RT: 14.147 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

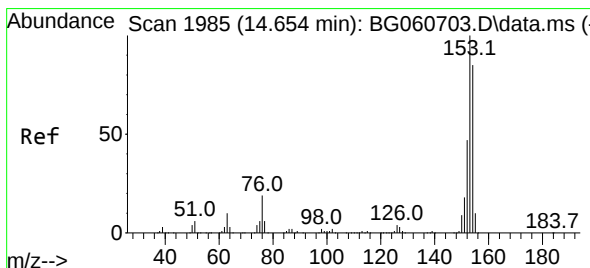
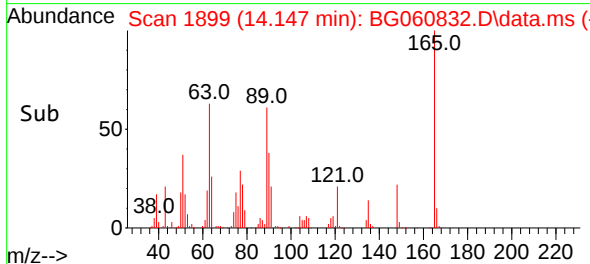
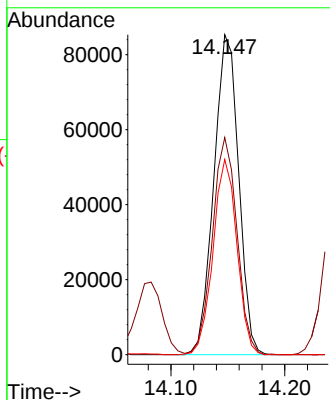
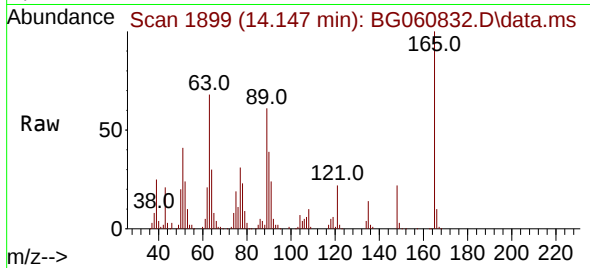
PB160000BS

Tgt Ion:165 Resp: 12930
Ion Ratio Lower Upper
165 100
63 67.8 58.2 87.4
89 61.0 46.1 69.1

Manual Integrations

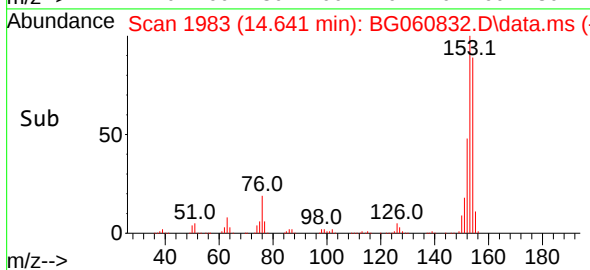
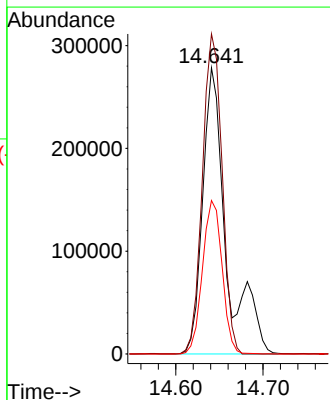
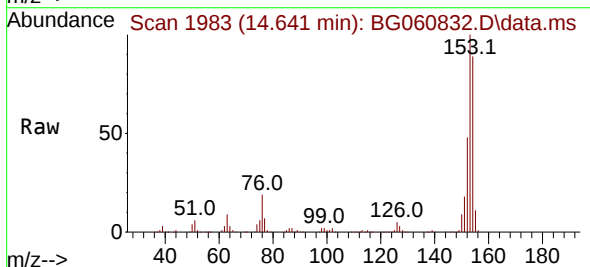
APPROVED

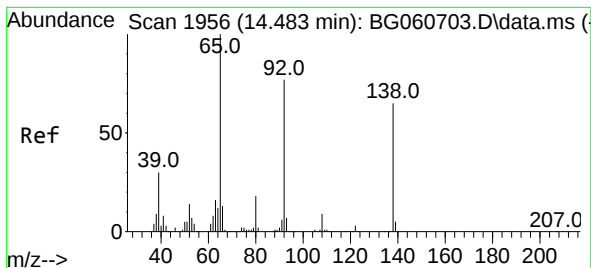
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#52
Acenaphthene
Concen: 48.388 ng m
RT: 14.641 min Scan# 1983
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Tgt Ion:154 Resp: 521407
Ion Ratio Lower Upper
154 100
153 111.9 93.9 140.9
152 53.6 44.1 66.1





#53
3-Nitroaniline
Concen: 26.991 ng
RT: 14.476 min Scan# 1955
Delta R.T. -0.007 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

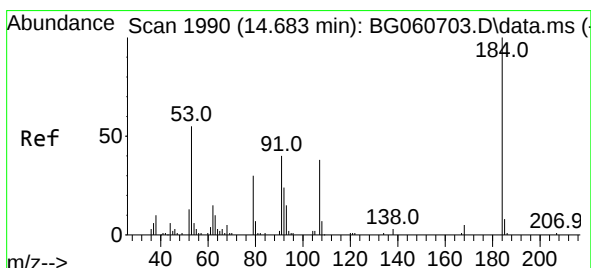
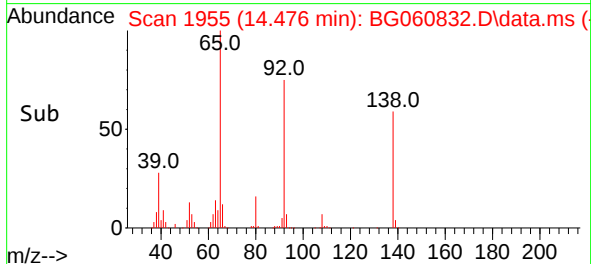
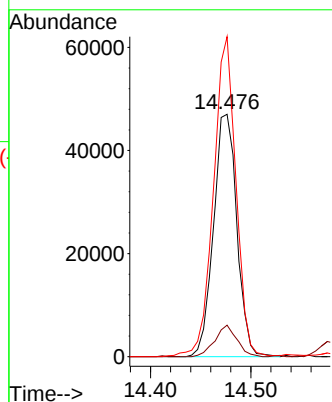
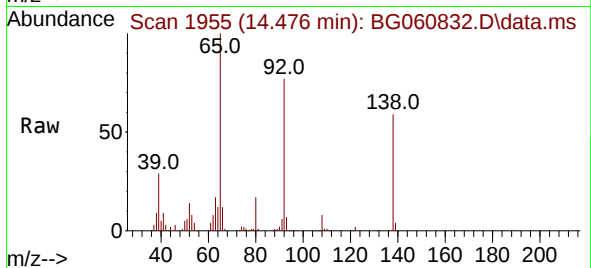
ClientSampleId :

PB160000BS

Tgt Ion:138 Resp: 75834
Ion Ratio Lower Upper
138 100
108 13.0 11.3 16.9
92 132.0 94.1 141.1

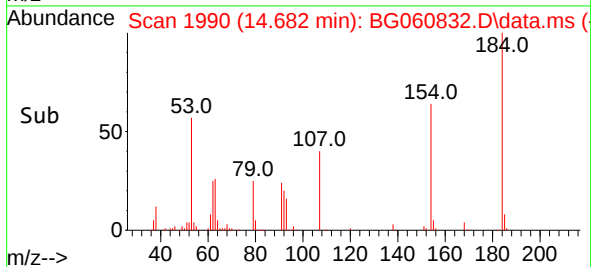
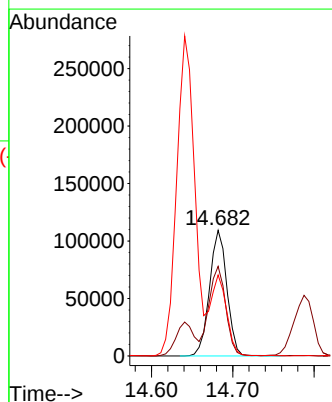
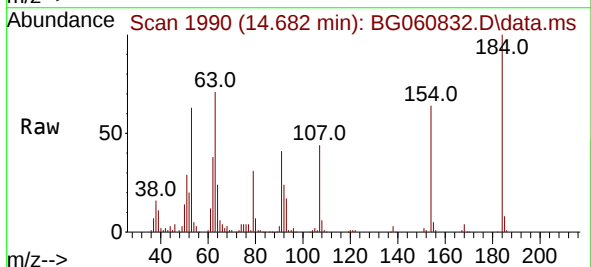
Manual Integrations
APPROVED

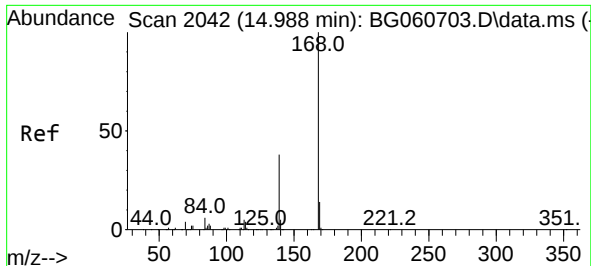
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#54
2,4-Dinitrophenol
Concen: 154.936 ng
RT: 14.682 min Scan# 1990
Delta R.T. -0.001 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Tgt Ion:184 Resp: 162238
Ion Ratio Lower Upper
184 100
63 71.3 51.3 76.9
154 64.4 59.9 89.9





#55
Dibenzofuran
Concen: 42.139 ng
RT: 14.982 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

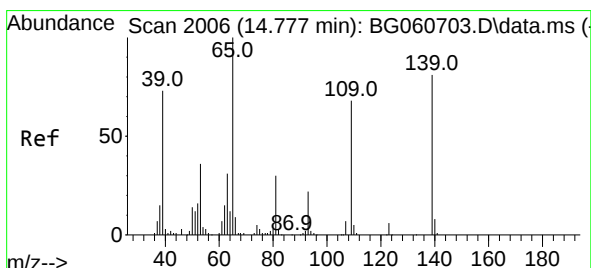
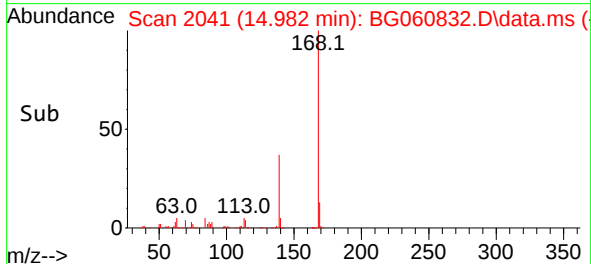
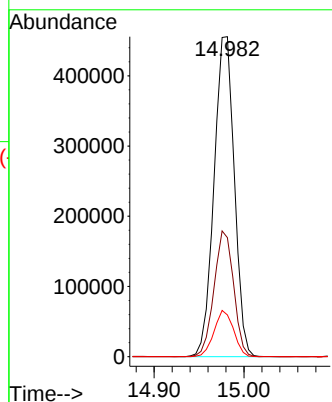
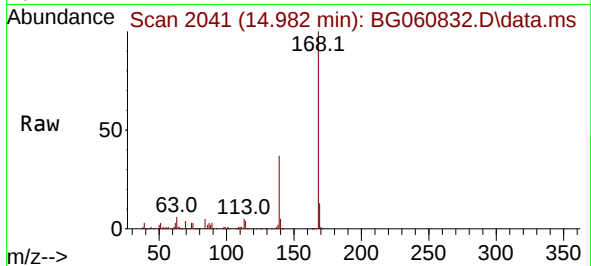
PB160000BS

Tgt Ion:168 Resp: 716224
Ion Ratio Lower Upper
168 100
139 37.2 30.1 45.1
169 13.0 11.0 16.4

Manual Integrations

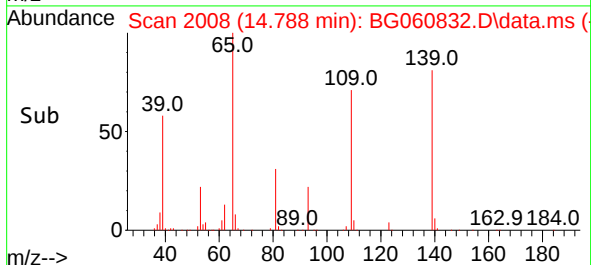
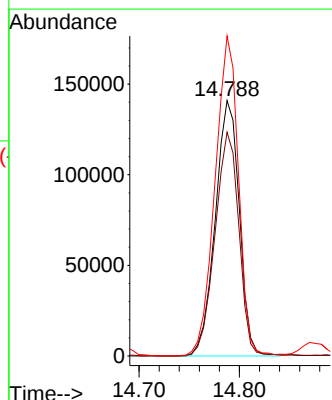
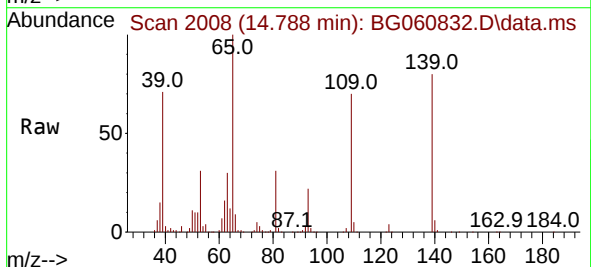
APPROVED

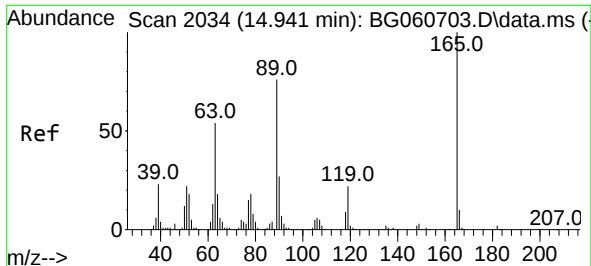
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#56
4-Nitrophenol
Concen: 106.249 ng
RT: 14.788 min Scan# 2008
Delta R.T. 0.011 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Tgt Ion:139 Resp: 233665
Ion Ratio Lower Upper
139 100
109 87.6 64.0 104.0
65 125.3 104.3 144.3





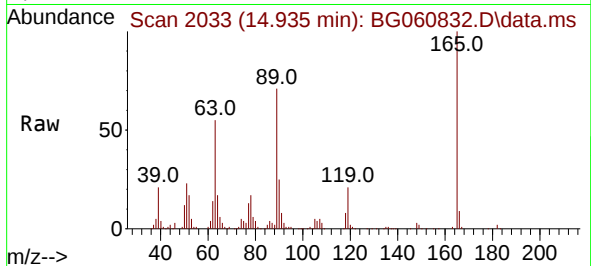
#57
2,4-Dinitrotoluene
Concen: 53.104 ng
RT: 14.935 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS

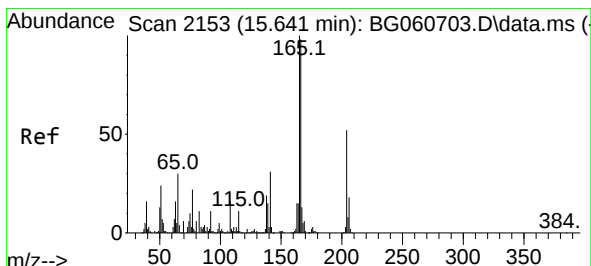
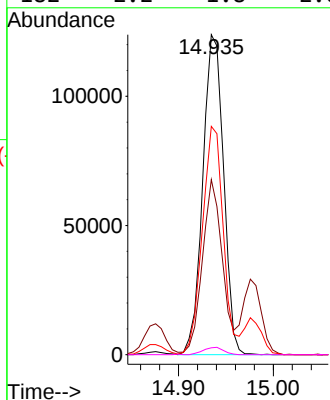
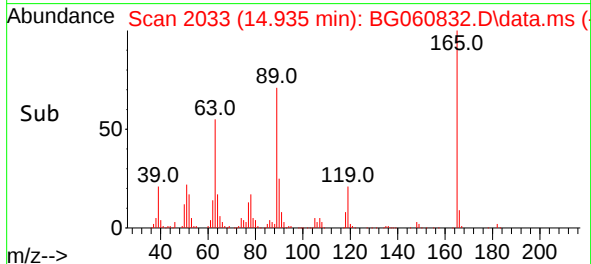


Tgt Ion:165 Resp: 188299
Ion Ratio Lower Upper
165 100
63 54.7 43.4 65.0
89 71.3 61.0 91.6
182 2.2 1.8 2.6

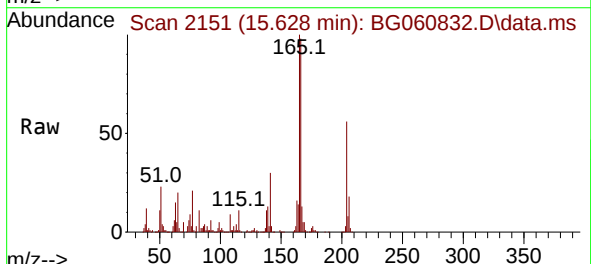
Manual Integrations

APPROVED

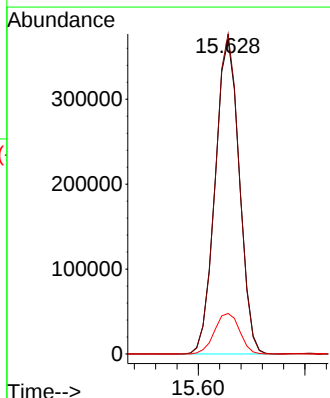
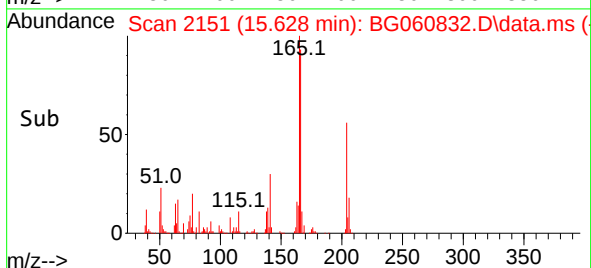
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

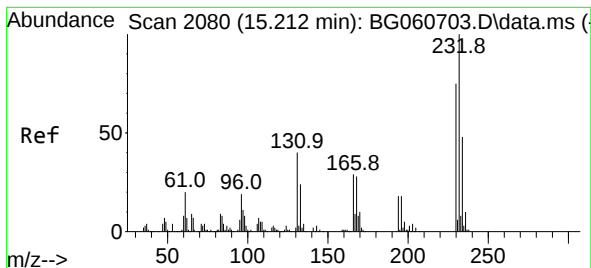


#58
Fluorene
Concen: 42.738 ng
RT: 15.628 min Scan# 2151
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15



Tgt Ion:166 Resp: 582992
Ion Ratio Lower Upper
166 100
165 101.8 81.8 122.8
167 12.9 10.9 16.3





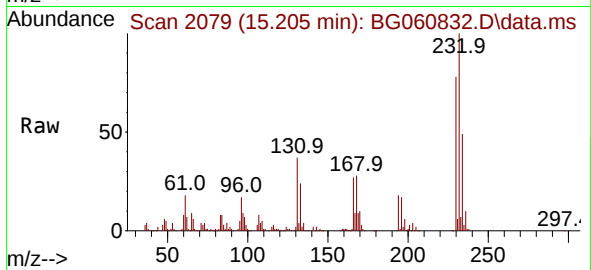
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.663 ng
RT: 15.205 min Scan# 2080
Delta R.T. -0.007 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS



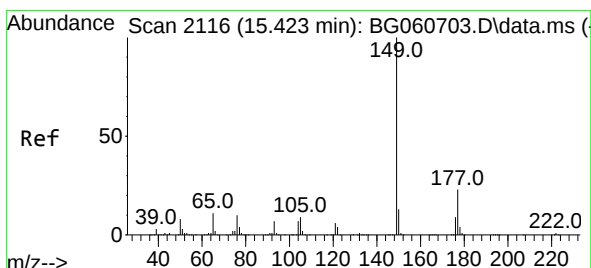
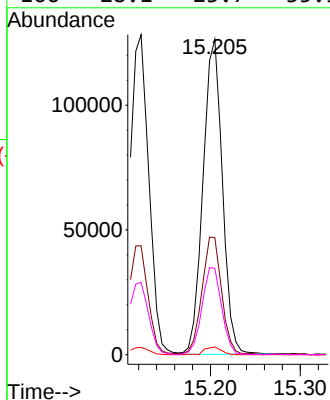
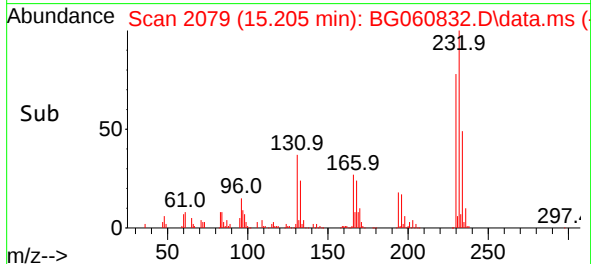
Tgt Ion:232 Resp: 189309
Ion Ratio Lower Upper
232 100
131 38.1 32.2 48.2
130 2.1 2.1 3.1
166 28.1 23.7 35.5

Manual Integrations

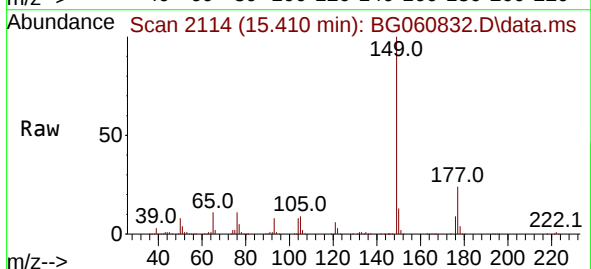
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

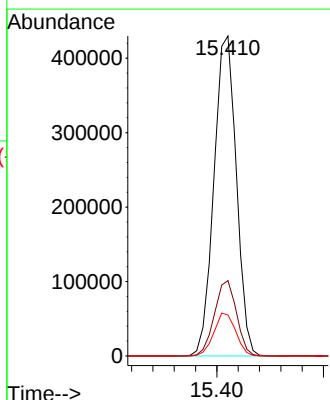
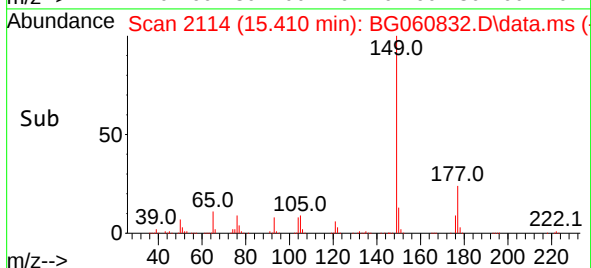
Supervised By :mohammad ahmed 04/10/2024

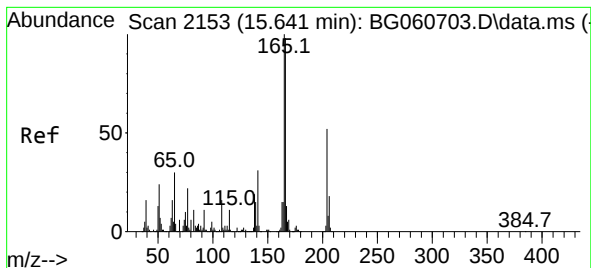


#60
Diethylphthalate
Concen: 41.427 ng
RT: 15.410 min Scan# 2114
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15



Tgt Ion:149 Resp: 627005
Ion Ratio Lower Upper
149 100
177 23.6 18.0 27.0
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 44.157 ng
RT: 15.622 min Scan# 2150
Delta R.T. -0.019 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

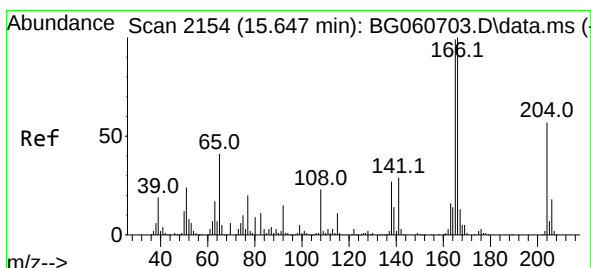
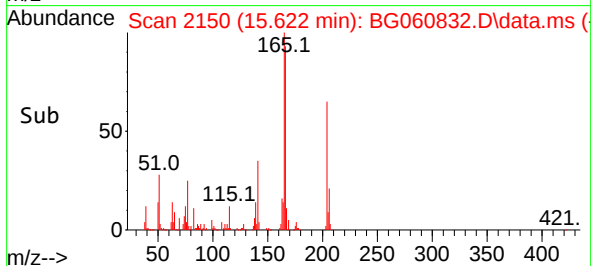
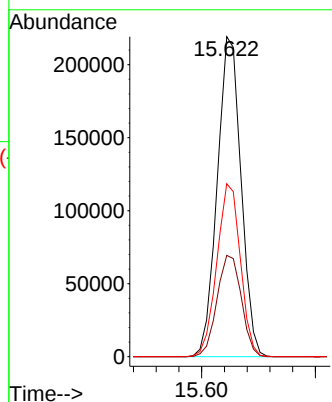
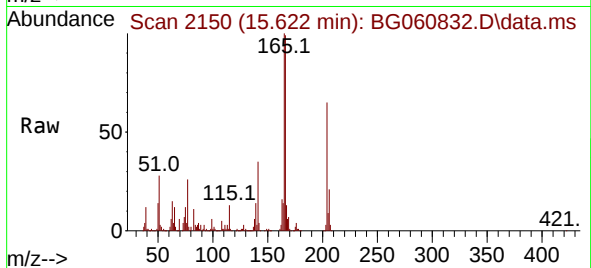
PB160000BS

Tgt Ion:204 Resp: 318670
Ion Ratio Lower Upper
204 100
206 31.7 28.3 42.5
141 54.1 47.2 70.8

Manual Integrations

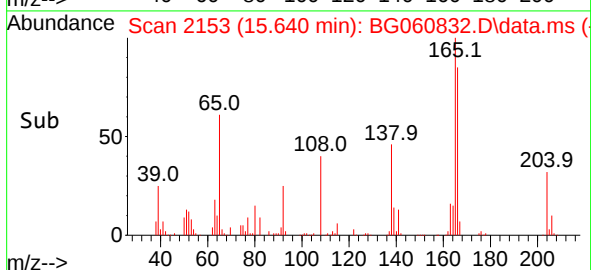
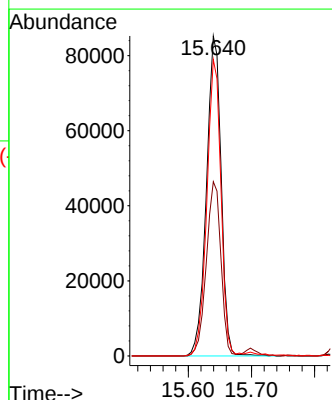
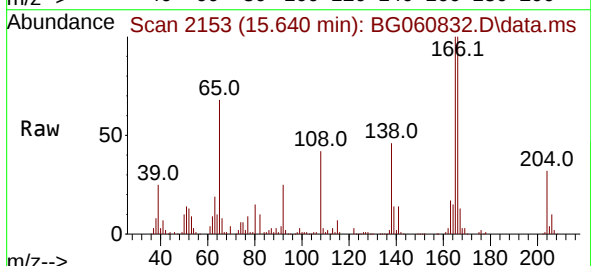
APPROVED

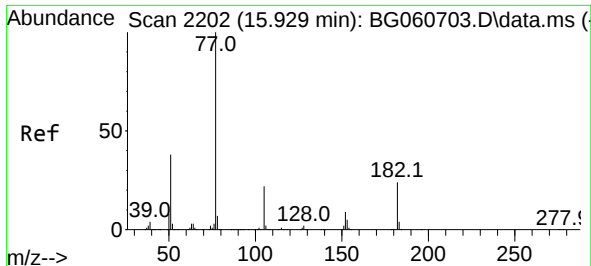
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#62
4-Nitroaniline
Concen: 49.886 ng
RT: 15.640 min Scan# 2153
Delta R.T. -0.007 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Tgt Ion:138 Resp: 137210
Ion Ratio Lower Upper
138 100
92 54.4 36.8 76.8
108 92.6 66.9 106.9





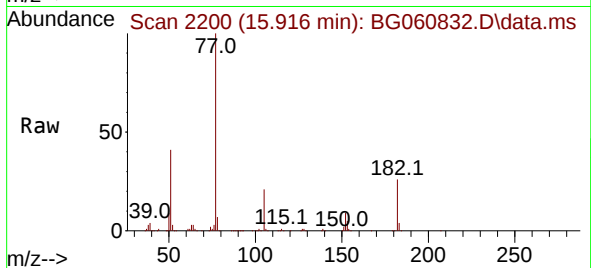
#63
Azobenzene
Concen: 41.132 ng
RT: 15.916 min Scan# 211
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS

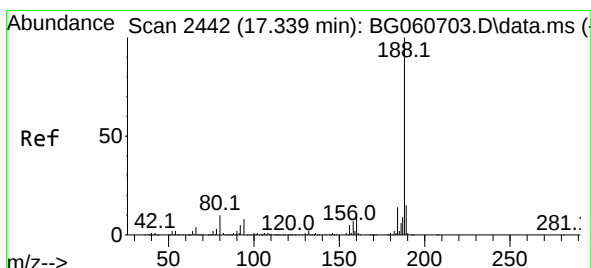
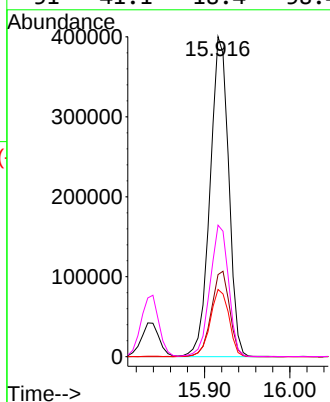
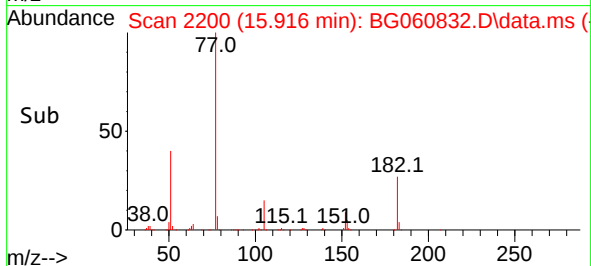


Tgt Ion: 77 Resp: 606630
Ion Ratio Lower Upper
77 100
182 25.6 3.9 43.9
105 21.0 1.7 41.7
51 41.1 18.4 58.4

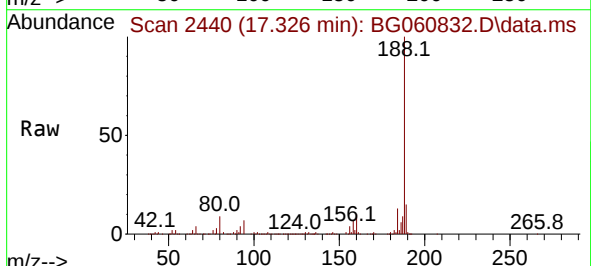
Manual Integrations

APPROVED

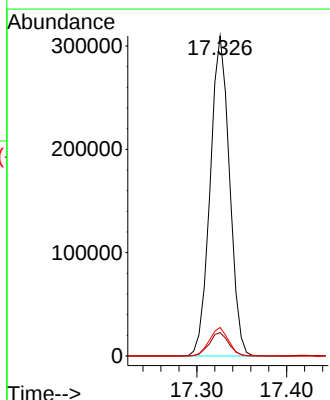
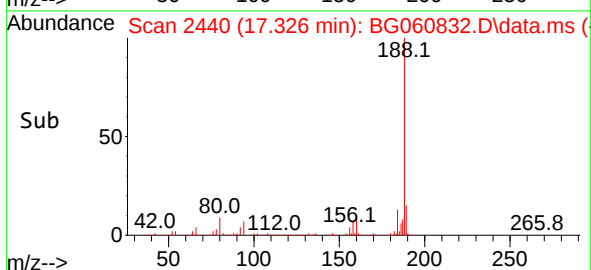
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

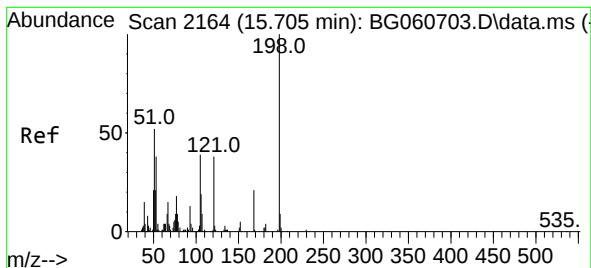


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.326 min Scan# 2440
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15



Tgt Ion:188 Resp: 463189
Ion Ratio Lower Upper
188 100
94 7.3 6.6 9.8
80 8.9 7.6 11.4





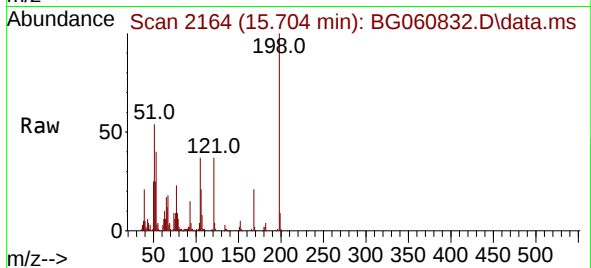
#65
4,6-Dinitro-2-methylphenol
Concen: 57.110 ng
RT: 15.704 min Scan# 2164
Delta R.T. -0.001 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS



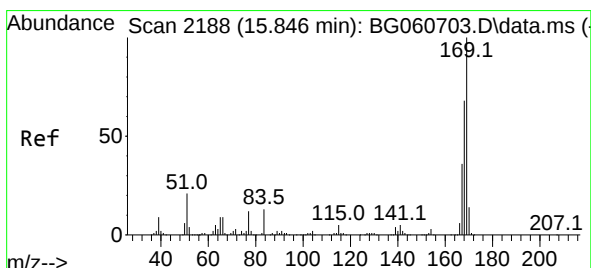
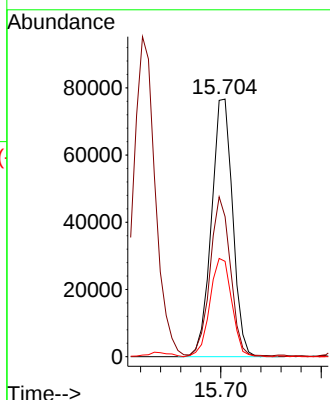
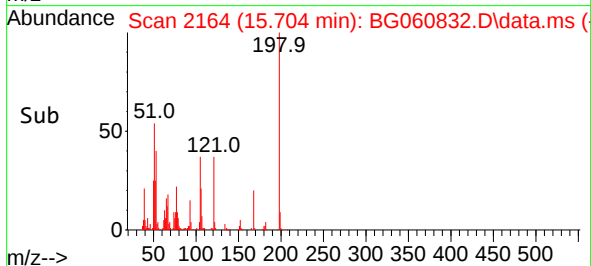
Tgt Ion:198 Resp: 112158
Ion Ratio Lower Upper
198 100
51 54.3 36.7 76.7
105 37.0 19.1 59.1

Manual Integrations

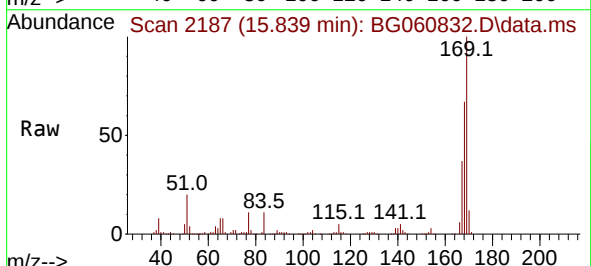
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

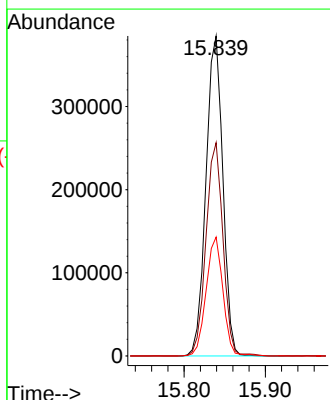
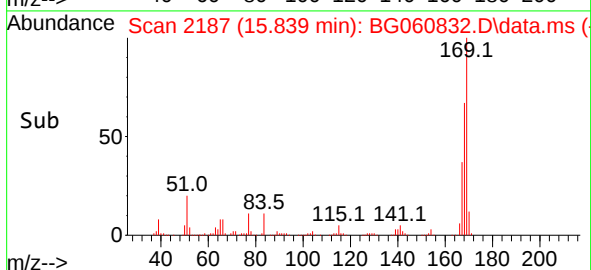
Supervised By :mohammad ahmed 04/10/2024

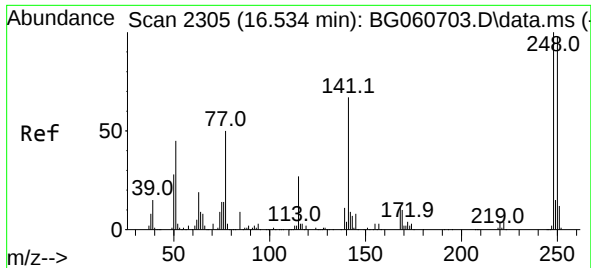


#66
n-Nitrosodiphenylamine
Concen: 41.818 ng
RT: 15.839 min Scan# 2187
Delta R.T. -0.007 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15



Tgt Ion:169 Resp: 553521
Ion Ratio Lower Upper
169 100
168 66.7 54.5 81.7
167 37.1 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 46.652 ng
RT: 16.521 min Scan# 21929
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

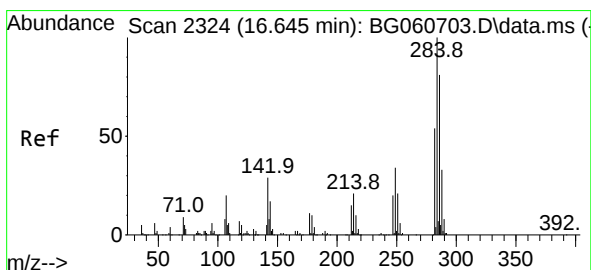
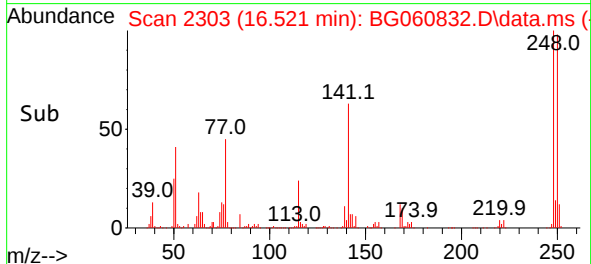
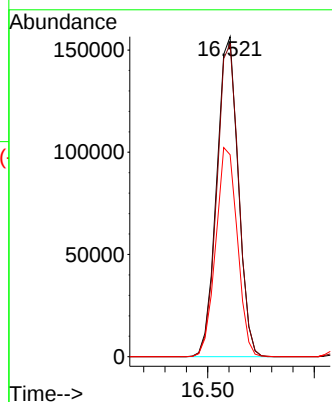
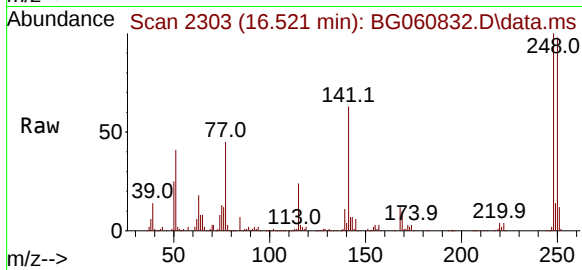
PB160000BS

Tgt Ion:248 Resp: 21929
Ion Ratio Lower Upper
248 100
250 97.6 78.3 117.5
141 63.1 53.7 80.5

Manual Integrations

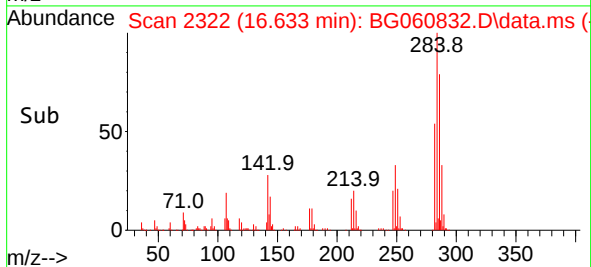
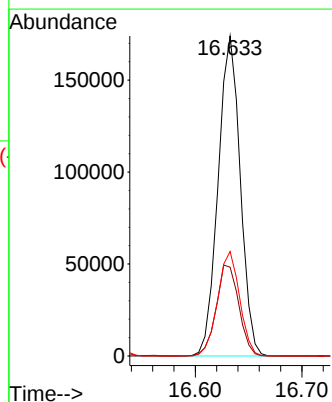
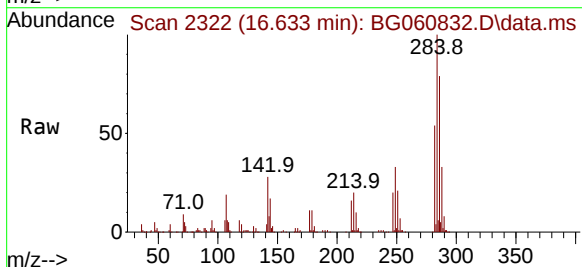
APPROVED

Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#68
Hexachlorobenzene
Concen: 47.201 ng
RT: 16.633 min Scan# 2322
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Tgt Ion:284 Resp: 250473
Ion Ratio Lower Upper
284 100
142 27.7 22.9 34.3
249 32.7 27.1 40.7





#69

Atrazine

Concen: 46.816 ng

RT: 16.791 min Scan# 21

Delta R.T. -0.013 min

Lab File: BG060832.D

Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS

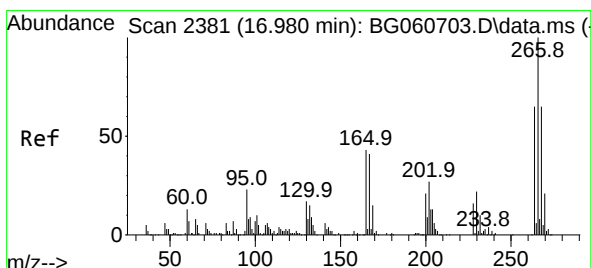
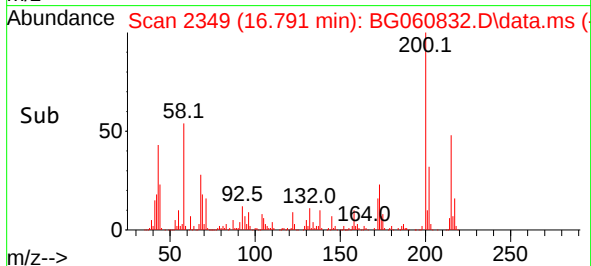
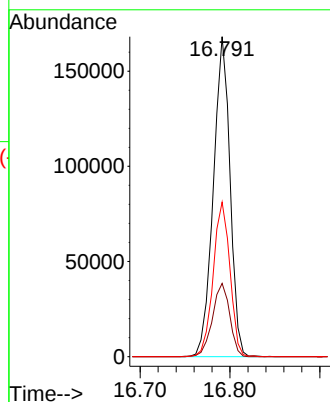
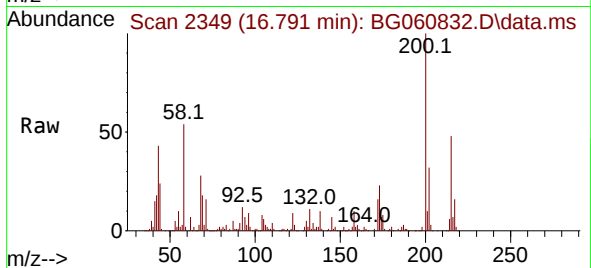
Tgt Ion:200 Resp: 216694
 Ion Ratio Lower Upper
 200 100
 173 22.9 5.2 45.2
 215 48.3 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#70

Pentachlorophenol

Concen: 98.745 ng

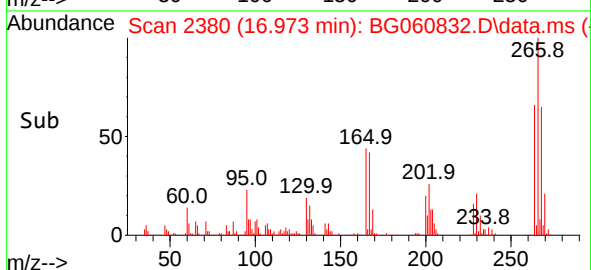
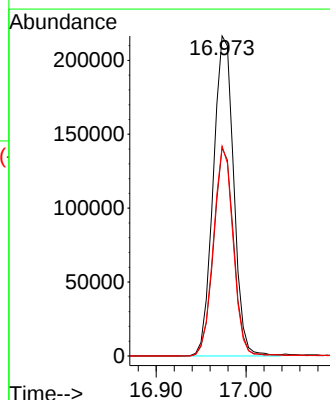
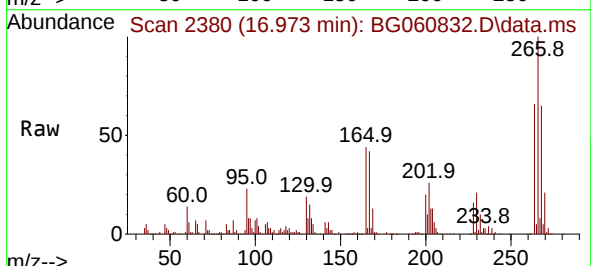
RT: 16.973 min Scan# 2380

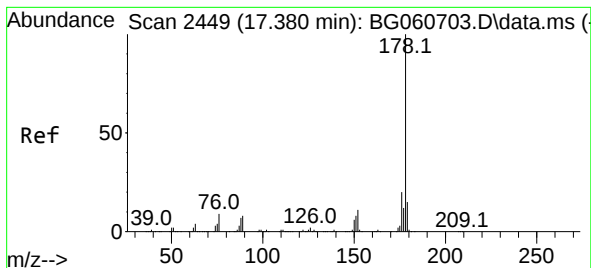
Delta R.T. -0.007 min

Lab File: BG060832.D

Acq: 8 Apr 2024 19:15

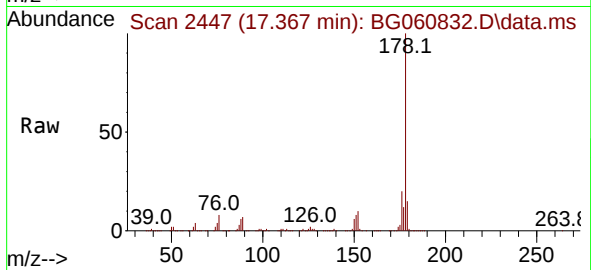
Tgt Ion:266 Resp: 341909
 Ion Ratio Lower Upper
 266 100
 268 65.1 52.2 78.4
 264 65.6 51.8 77.6





#71
Phenanthrene
Concen: 42.175 ng
RT: 17.367 min Scan# 2449
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

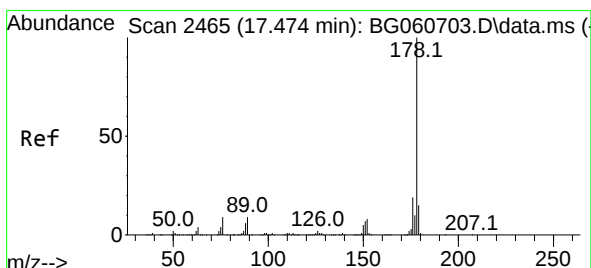
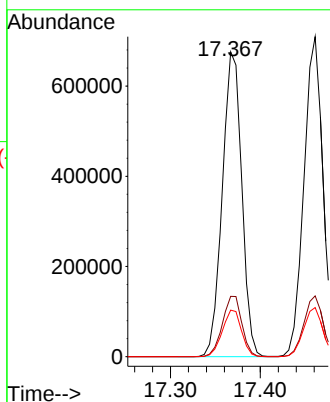
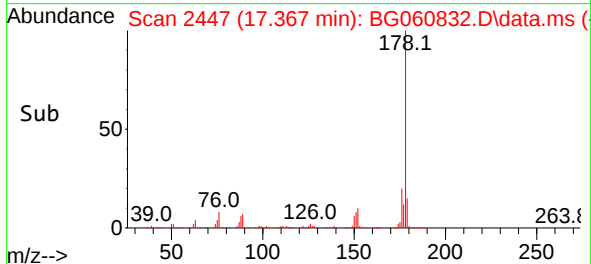
Instrument :
BNA_G
ClientSampleId :
PB160000BS



Tgt Ion:178 Resp: 101596
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.3 12.2 18.4

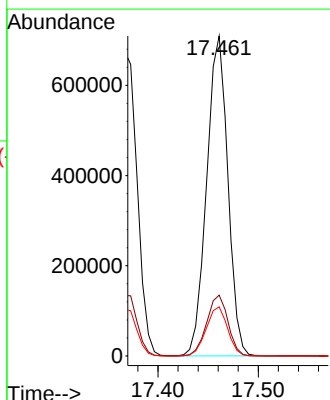
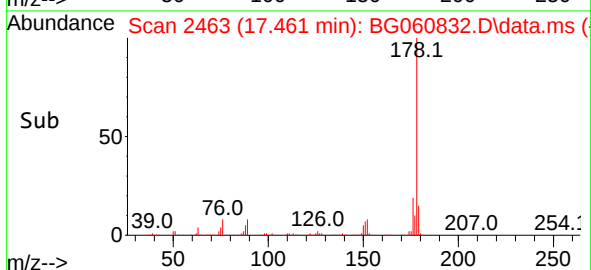
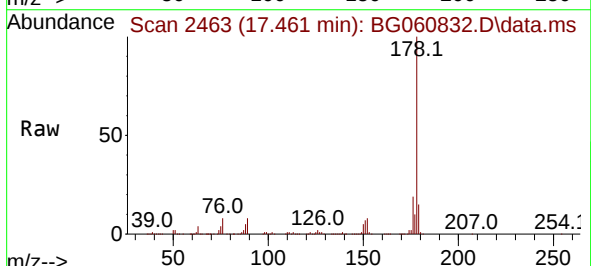
Manual Integrations
APPROVED

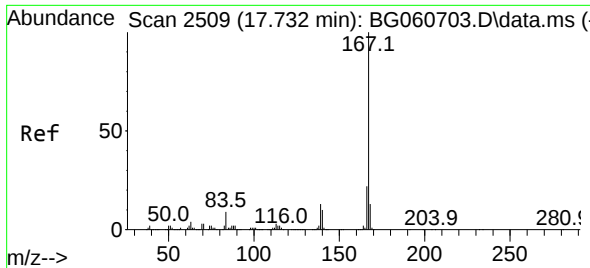
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#72
Anthracene
Concen: 42.516 ng
RT: 17.461 min Scan# 2463
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Tgt Ion:178 Resp: 1040137
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.3 12.2 18.2





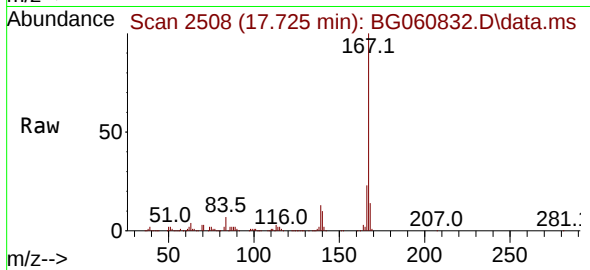
#73
 Carbazole
 Concen: 42.139 ng
 RT: 17.725 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG060832.D
 Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS



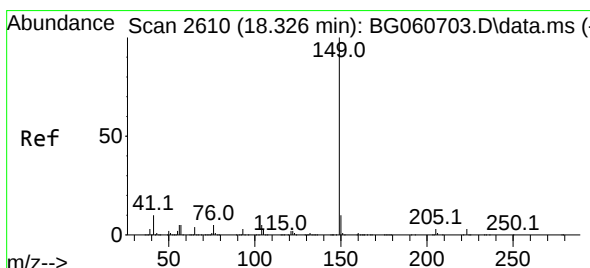
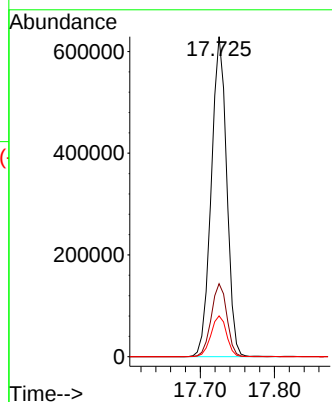
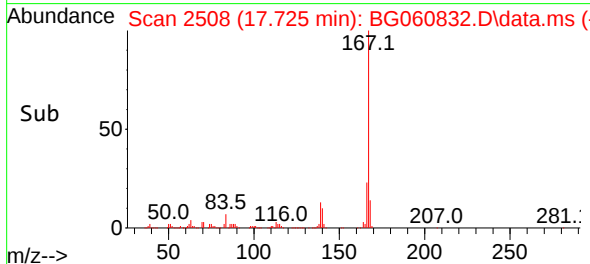
Tgt Ion:167 Resp: 90893
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.0 27.0
 139 12.7 10.5 15.7

Manual Integrations

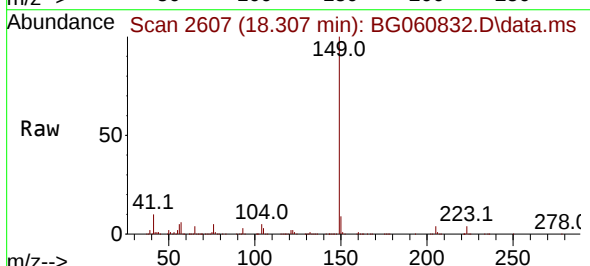
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

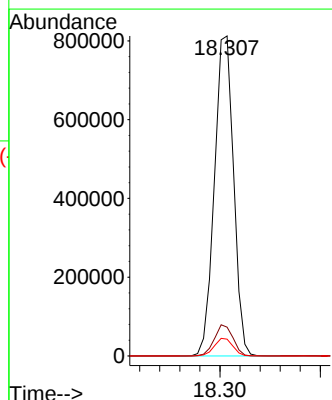
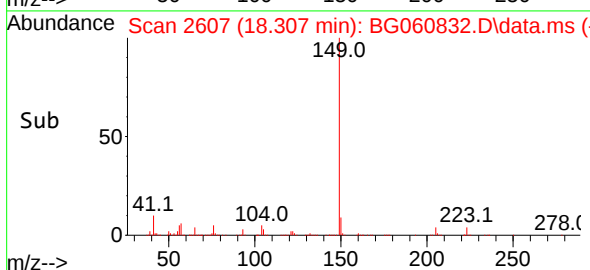
Supervised By :mohammad ahmed 04/10/2024

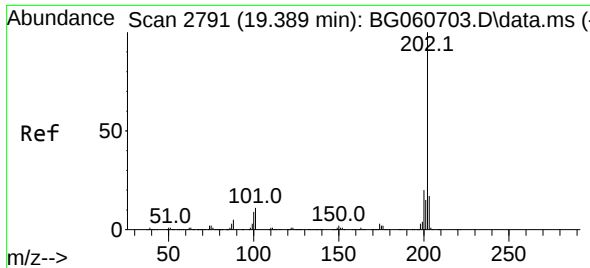


#74
 Di-n-butylphthalate
 Concen: 40.049 ng
 RT: 18.307 min Scan# 2607
 Delta R.T. -0.019 min
 Lab File: BG060832.D
 Acq: 8 Apr 2024 19:15



Tgt Ion:149 Resp: 1076985
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 5.3 4.2 6.4





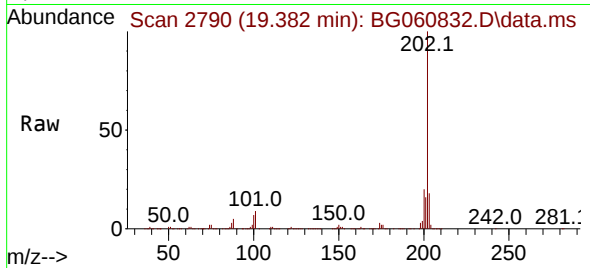
#75
Fluoranthene
Concen: 42.414 ng
RT: 19.382 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS



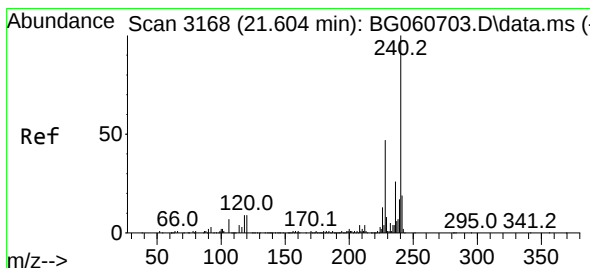
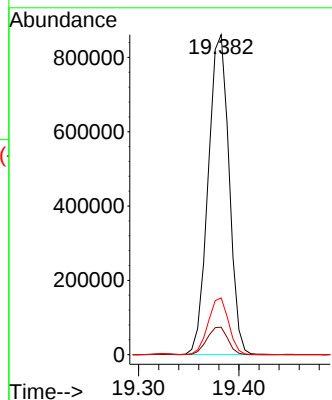
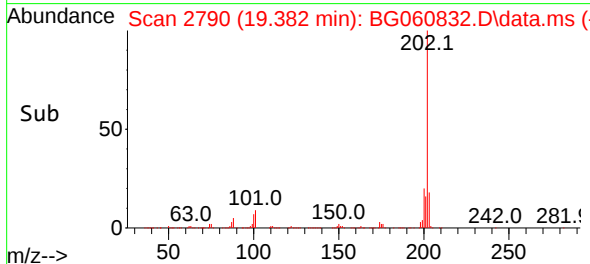
Tgt Ion:202 Resp: 123981
Ion Ratio Lower Upper
202 100
101 8.6 0.0 30.8
203 17.7 0.0 37.4

Manual Integrations

APPROVED

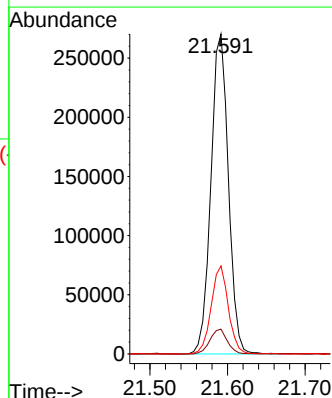
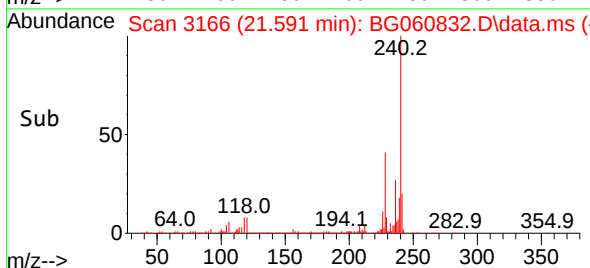
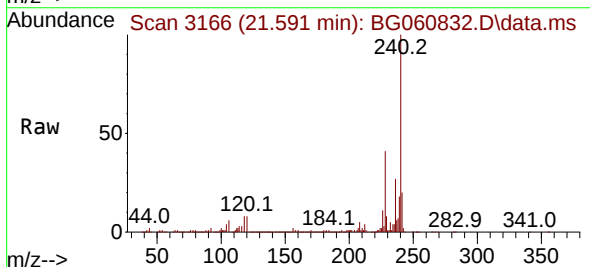
Reviewed By :Yogesh Patel 04/10/2024

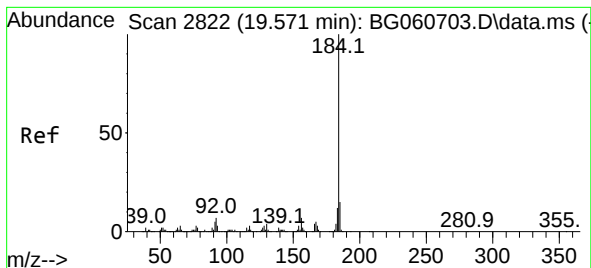
Supervised By :mohammad ahmed 04/10/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.591 min Scan# 3166
Delta R.T. -0.013 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Tgt Ion:240 Resp: 423110
Ion Ratio Lower Upper
240 100
120 7.8 7.1 10.7
236 27.5 20.7 31.1





#77

Benzidine

Concen: 28.715 ng

RT: 19.559 min Scan# 2820

Delta R.T. -0.013 min

Lab File: BG060832.D

Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS

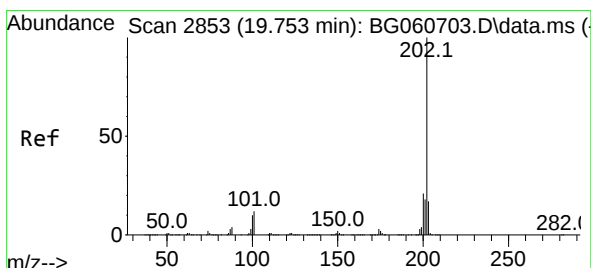
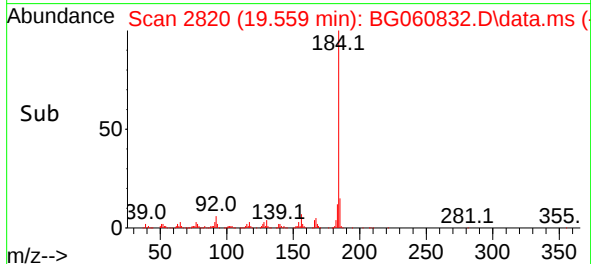
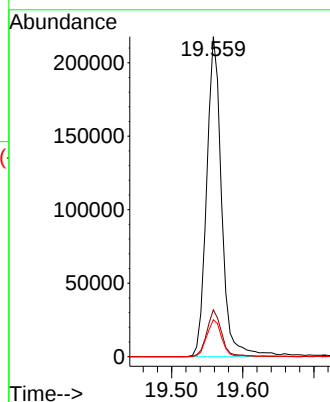
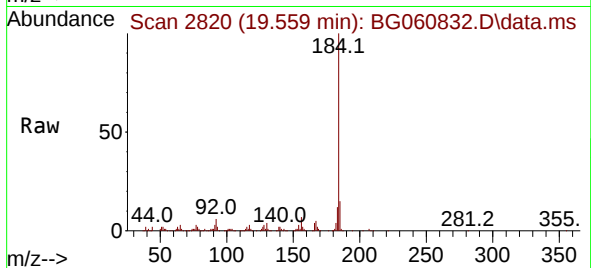
Tgt Ion:184 Resp: 319924
 Ion Ratio Lower Upper
 184 100
 185 14.7 11.8 17.6
 183 11.5 9.5 14.3

Manual Integrations

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Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#78

Pyrene

Concen: 43.137 ng

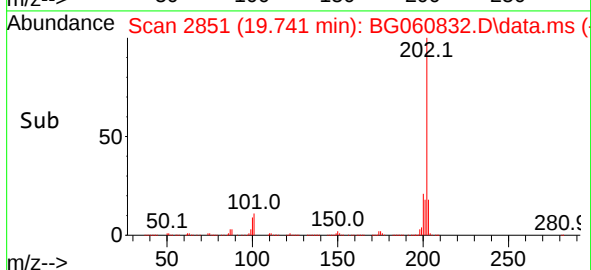
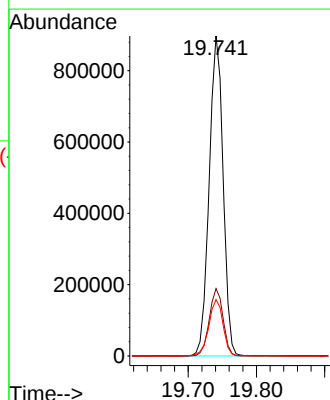
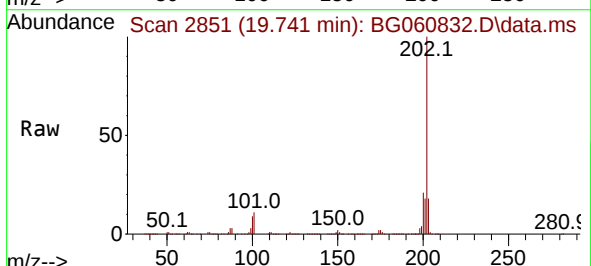
RT: 19.741 min Scan# 2851

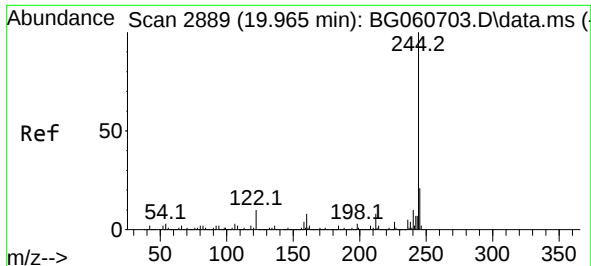
Delta R.T. -0.013 min

Lab File: BG060832.D

Acq: 8 Apr 2024 19:15

Tgt Ion:202 Resp: 1276490
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.0 25.4
 203 17.6 14.0 21.0





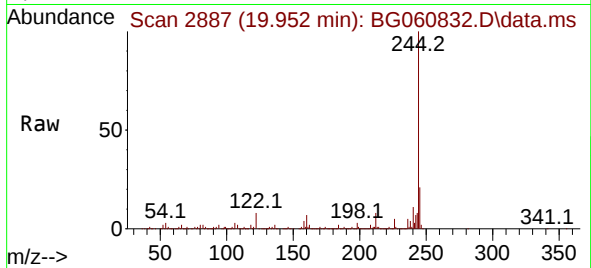
#79
 Terphenyl-d14
 Concen: 82.790 ng
 RT: 19.952 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BG060832.D
 Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS

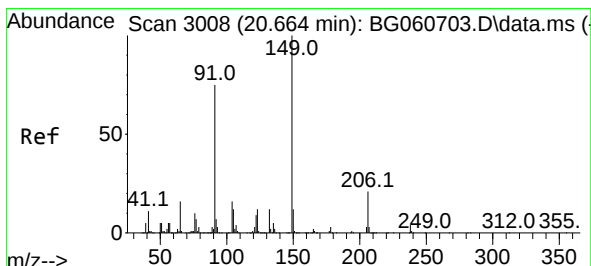
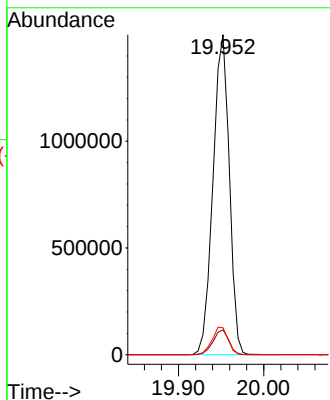
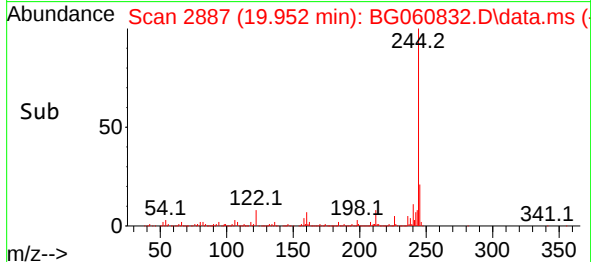


Tgt Ion:244 Resp: 198935
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 8.4 7.8 11.8

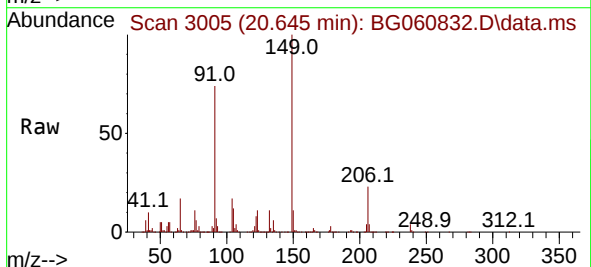
Manual Integrations

APPROVED

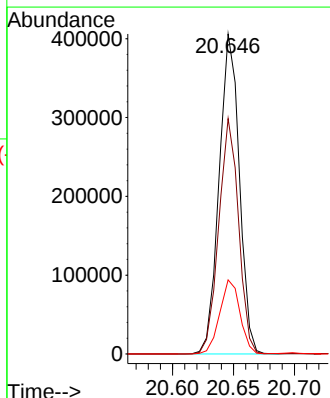
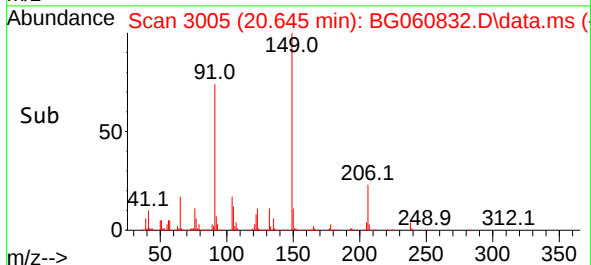
Reviewed By :Yogesh Patel 04/10/2024
 Supervised By :mohammad ahmed 04/10/2024

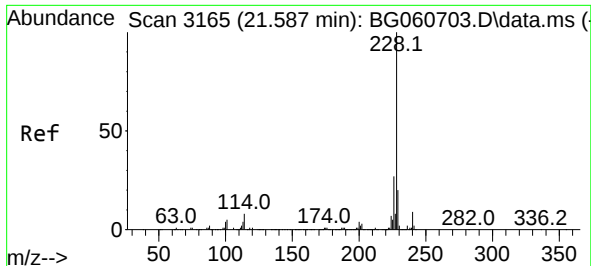


#80
 Butylbenzylphthalate
 Concen: 43.458 ng
 RT: 20.645 min Scan# 3005
 Delta R.T. -0.019 min
 Lab File: BG060832.D
 Acq: 8 Apr 2024 19:15



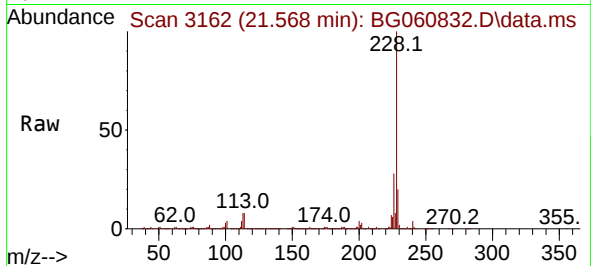
Tgt Ion:149 Resp: 469105
 Ion Ratio Lower Upper
 149 100
 91 73.6 60.1 90.1
 206 23.1 16.8 25.2





#81
Benzo(a)anthracene
Concen: 43.974 ng
RT: 21.568 min Scan# 3162
Delta R.T. -0.019 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

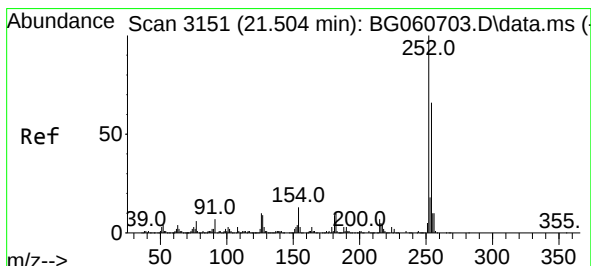
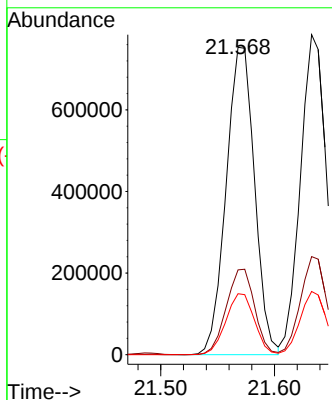
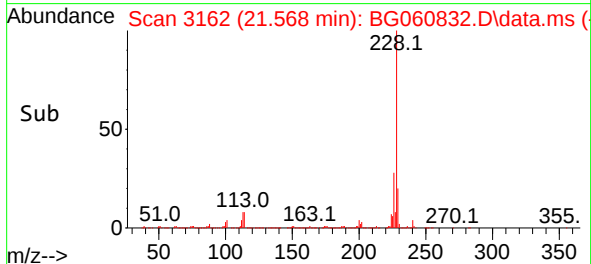
Instrument :
BNA_G
ClientSampleId :
PB160000BS



Tgt Ion:228 Resp: 1311504
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 19.9 15.8 23.8

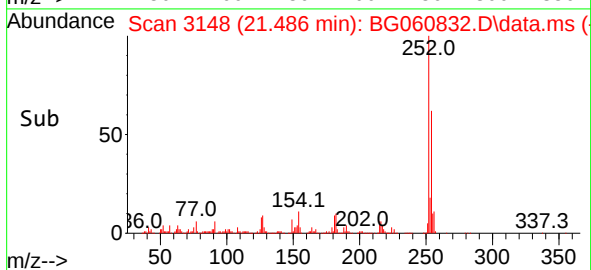
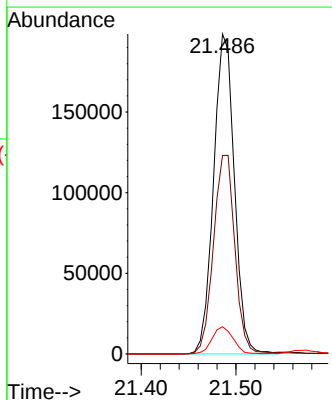
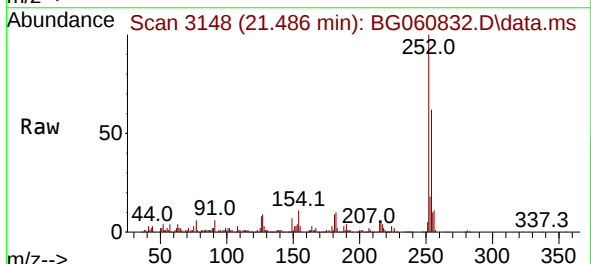
Manual Integrations
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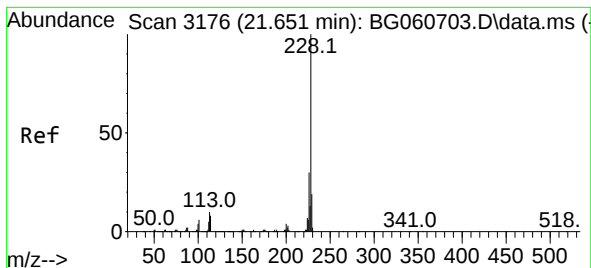
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#82
3,3'-Dichlorobenzidine
Concen: 30.054 ng
RT: 21.486 min Scan# 3148
Delta R.T. -0.019 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Tgt Ion:252 Resp: 302657
Ion Ratio Lower Upper
252 100
254 62.0 52.6 78.8
126 8.5 7.8 11.8





#83

Chrysene

Concen: 43.050 ng

RT: 21.633 min Scan# 3173

Delta R.T. -0.019 min

Lab File: BG060832.D

Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS

Tgt Ion:228 Resp: 1237558

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.4

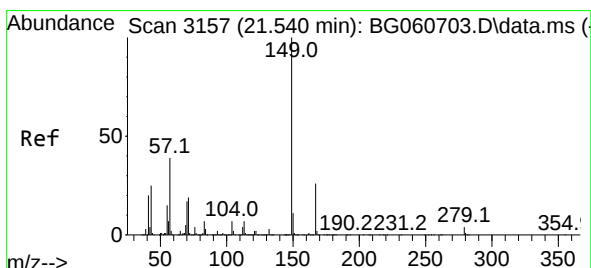
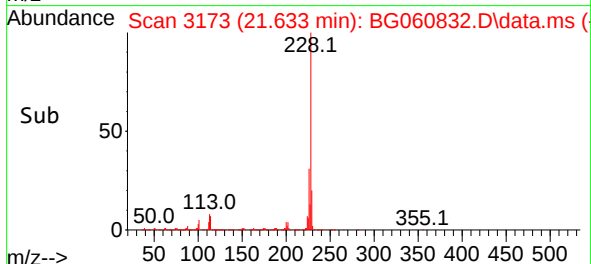
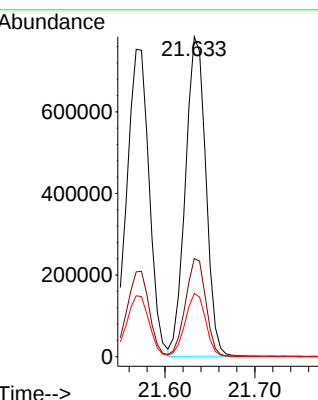
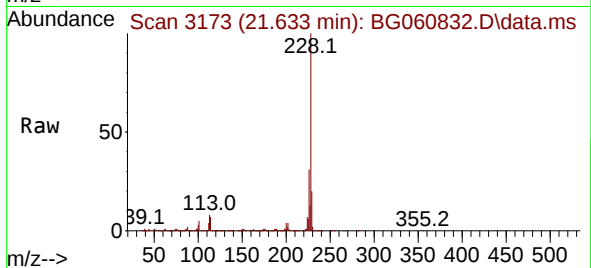
229 19.7 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.401 ng

RT: 21.509 min Scan# 3152

Delta R.T. -0.030 min

Lab File: BG060832.D

Acq: 8 Apr 2024 19:15

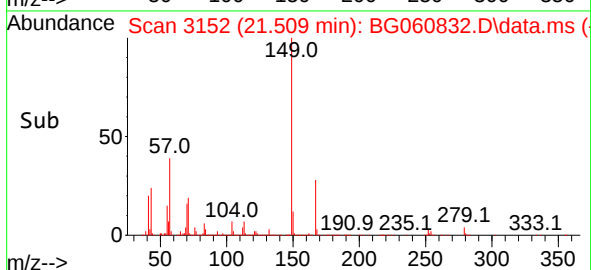
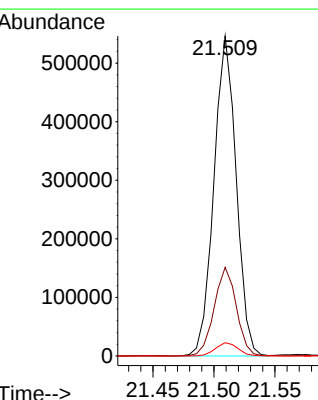
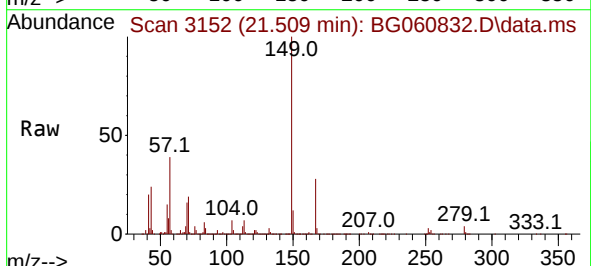
Tgt Ion:149 Resp: 695104

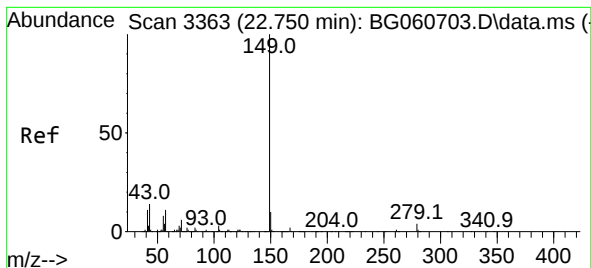
Ion Ratio Lower Upper

149 100

167 27.7 20.6 30.8

279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 42.758 ng

RT: 22.708 min Scan# 31

Delta R.T. -0.042 min

Lab File: BG060832.D

Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS

Tgt Ion:149 Resp: 1198450

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

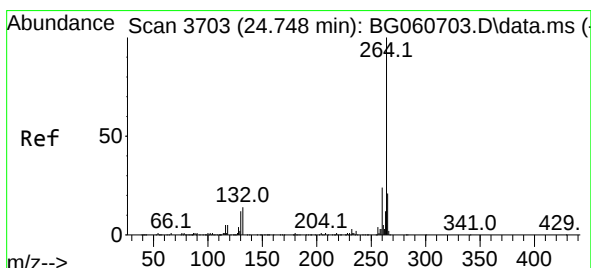
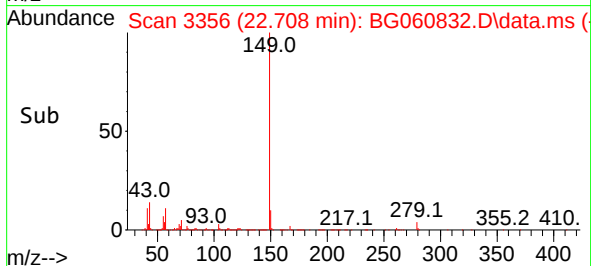
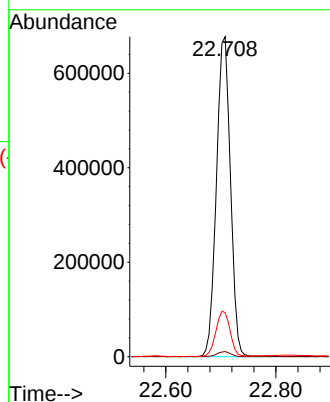
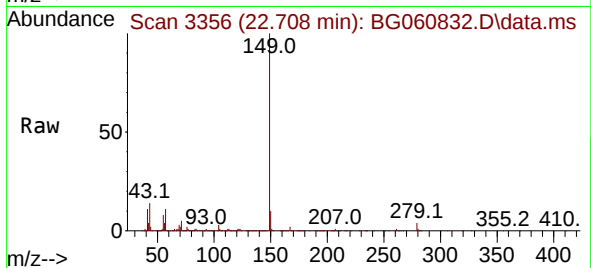
43 14.4 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.717 min Scan# 3698

Delta R.T. -0.030 min

Lab File: BG060832.D

Acq: 8 Apr 2024 19:15

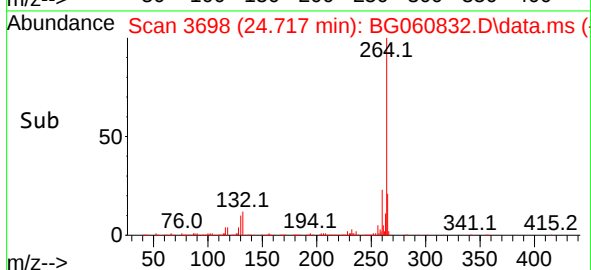
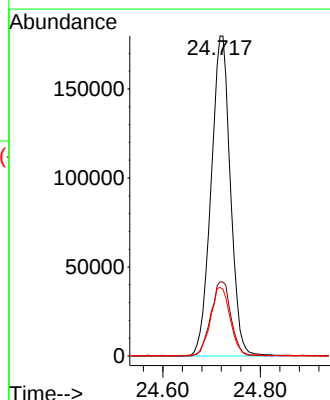
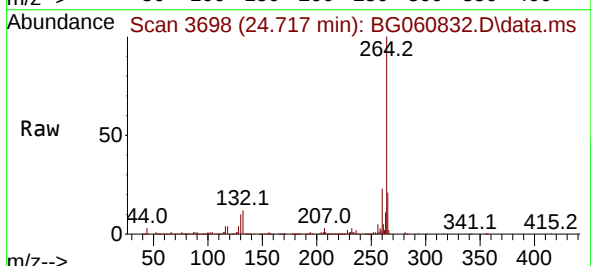
Tgt Ion:264 Resp: 492738

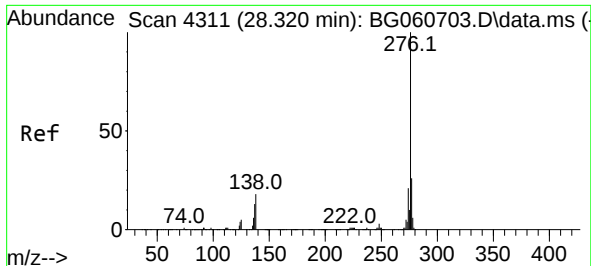
Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.4 16.9 25.3





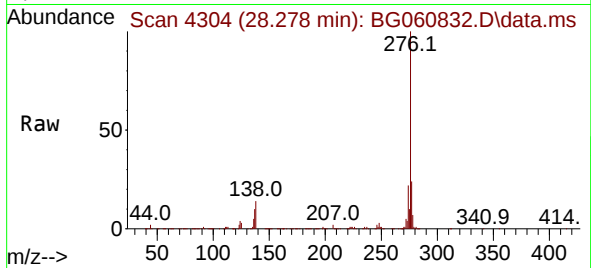
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.951 ng
 RT: 28.278 min Scan# 41
 Delta R.T. -0.042 min
 Lab File: BG060832.D
 Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS



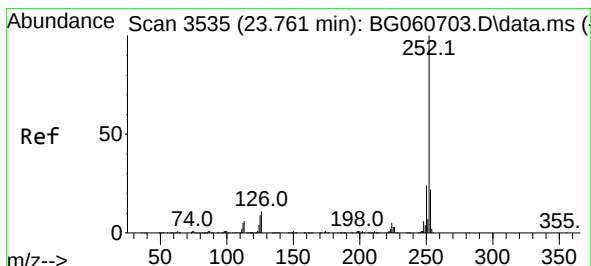
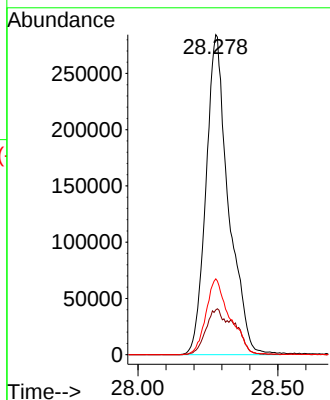
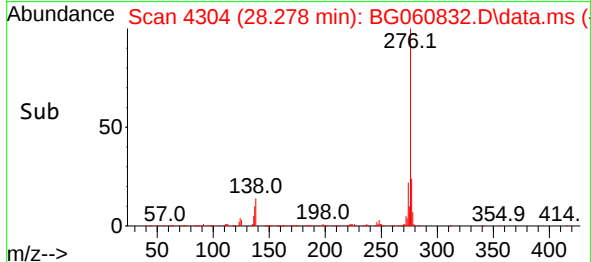
Tgt Ion:276 Resp: 159443
 Ion Ratio Lower Upper
 276 100
 138 12.6 12.4 18.6
 277 25.0 20.2 30.2

Manual Integrations

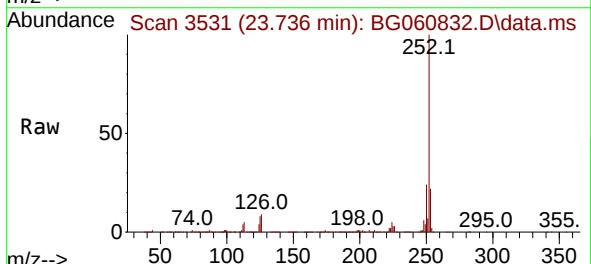
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

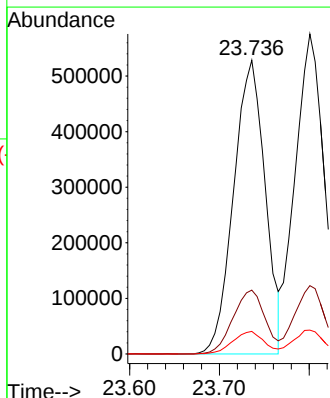
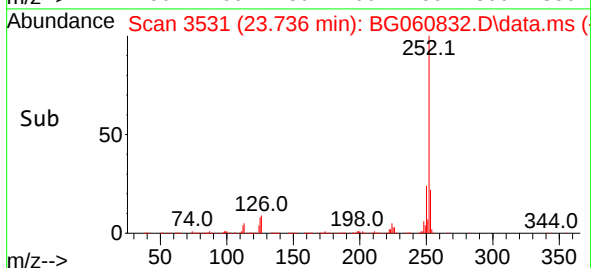
Supervised By :mohammad ahmed 04/10/2024

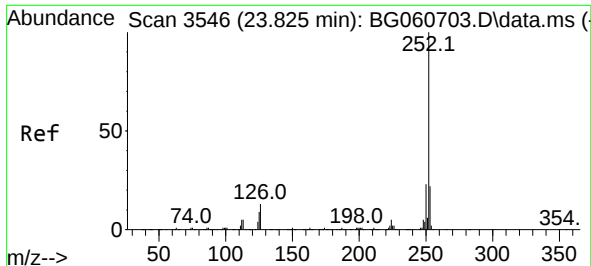


#88
 Benzo(b)fluoranthene
 Concen: 45.543 ng
 RT: 23.736 min Scan# 3531
 Delta R.T. -0.025 min
 Lab File: BG060832.D
 Acq: 8 Apr 2024 19:15



Tgt Ion:252 Resp: 1289209
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.8 26.8
 125 7.7 7.1 10.7





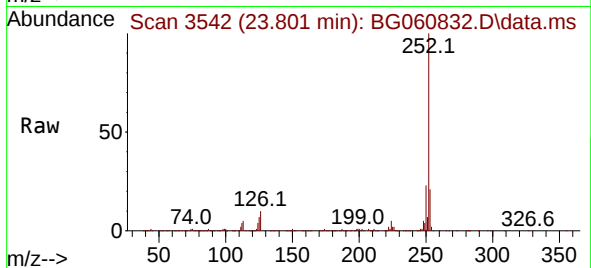
#89
Benzo(k)fluoranthene
Concen: 44.719 ng m
RT: 23.801 min Scan# 3546
Delta R.T. -0.025 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS



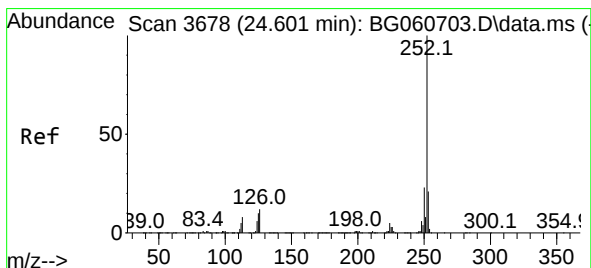
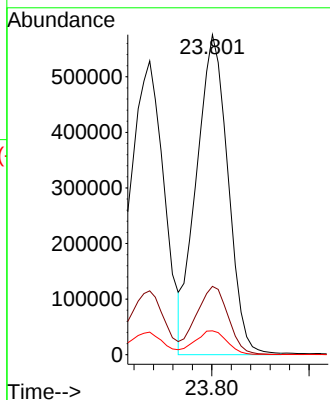
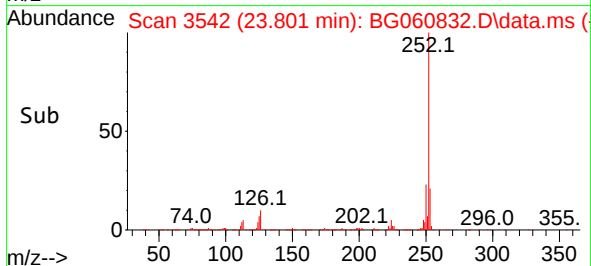
Tgt Ion:252 Resp: 1295699
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 7.4 7.5 11.3

Manual Integrations

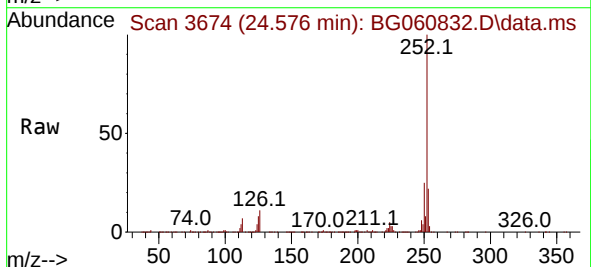
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

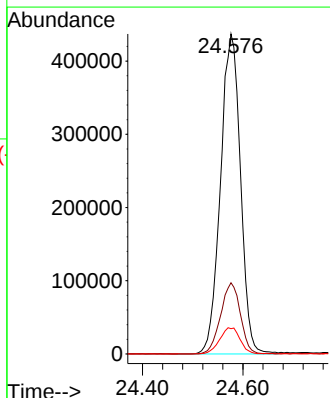
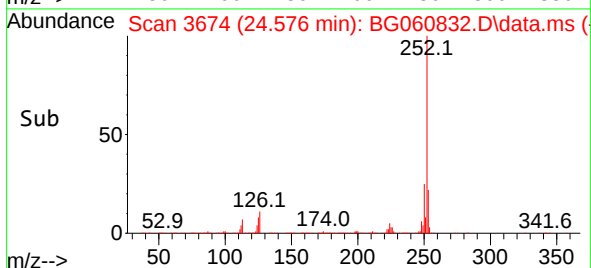
Supervised By :mohammad ahmed 04/10/2024

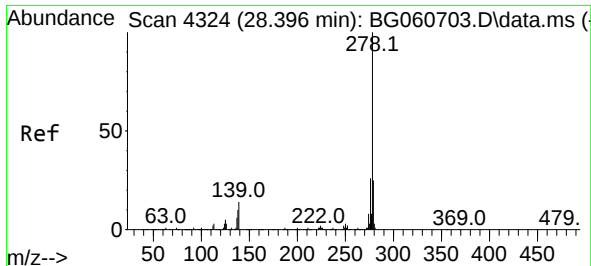


#90
Benzo(a)pyrene
Concen: 43.940 ng
RT: 24.576 min Scan# 3674
Delta R.T. -0.025 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15



Tgt Ion:252 Resp: 1208780
Ion Ratio Lower Upper
252 100
253 22.3 16.8 25.2
125 7.9 7.6 11.4





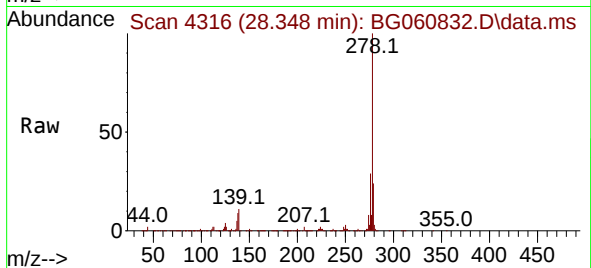
#91
Dibenzo(a,h)anthracene
Concen: 44.645 ng
RT: 28.348 min Scan# 41
Delta R.T. -0.048 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Instrument :

BNA_G

ClientSampleId :

PB160000BS



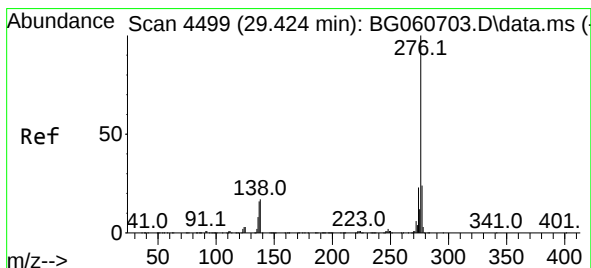
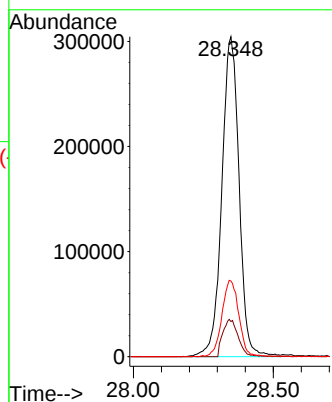
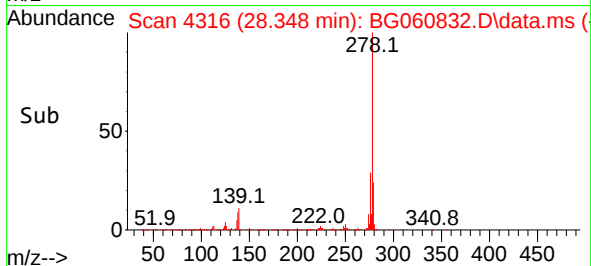
Tgt Ion:278 Resp: 1305889
Ion Ratio Lower Upper
278 100
139 11.0 11.1 16.7
279 23.7 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#92
Benzo(g,h,i)perylene
Concen: 42.740 ng
RT: 29.382 min Scan# 4492
Delta R.T. -0.042 min
Lab File: BG060832.D
Acq: 8 Apr 2024 19:15

Tgt Ion:276 Resp: 1216119
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 15.6 14.0 21.0

