

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060931.D
 Acq On : 18 Apr 2024 11:01
 Operator : MA/JU
 Sample : PB160120BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160120BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 18 11:43:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	45999	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	188333	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	157448	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	410667	20.000	ng	0.00
76) Chrysene-d12	21.578	240	396571	20.000	ng	0.00
86) Perylene-d12	24.697	264	462419	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	382925	144.597	ng	0.00
7) Phenol-d6	7.112	99	562160	147.356	ng	0.00
23) Nitrobenzene-d5	9.098	82	346381	83.495	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	349100	134.213	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	933641	87.018	ng	0.00
79) Terphenyl-d14	19.938	244	1974326	86.886	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.446	88	39671	37.057	ng	93
3) Pyridine	3.828	79	111544	32.749	ng	97
4) n-Nitrosodimethylamine	3.751	42	90297	41.545	ng	99
6) Aniline	7.265	93	139617	30.037	ng	96
8) 2-Chlorophenol	7.506	128	151150	50.170	ng	99
9) Benzaldehyde	7.077	77	7919	3.865	ng	94
10) Phenol	7.136	94	204026	53.363	ng	98
11) bis(2-Chloroethyl)ether	7.365	93	135637	45.736	ng	98
12) 1,3-Dichlorobenzene	7.829	146	152959	47.784	ng	98
13) 1,4-Dichlorobenzene	7.976	146	154111	47.027	ng	96
14) 1,2-Dichlorobenzene	8.293	146	150041	47.084	ng	97
15) Benzyl Alcohol	8.176	79	148631	45.290	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.458	45	320794	44.759	ng	100
17) 2-Methylphenol	8.381	107	134466	44.511	ng	97
18) Hexachloroethane	9.022	117	54188	46.567	ng	98
19) n-Nitroso-di-n-propyla...	8.746	70	123833	42.615	ng	96
20) 3+4-Methylphenols	8.704	107	190298	45.405	ng	94
22) Acetophenone	8.757	105	237731	44.326	ng	99
24) Nitrobenzene	9.139	77	174221	42.791	ng	99
25) Isophorone	9.662	82	328881	42.959	ng	98
26) 2-Nitrophenol	9.844	139	79337	46.384	ng	98
27) 2,4-Dimethylphenol	9.909	122	114250	37.912	ng	99
28) bis(2-Chloroethoxy)met...	10.144	93	188377	43.760	ng	98
29) 2,4-Dichlorophenol	10.379	162	153445	46.930	ng	97
30) 1,2,4-Trichlorobenzene	10.602	180	159409	45.483	ng	98
31) Naphthalene	10.784	128	449180	44.100	ng	99
32) Benzoic acid	10.044	122	111005	45.505	ng	96
33) 4-Chloroaniline	10.890	127	94126	19.718	ng	97
34) Hexachlorobutadiene	11.078	225	113566	45.580	ng	98
35) Caprolactam	11.654	113	56801m	47.084	ng	
36) 4-Chloro-3-methylphenol	12.018	107	186449	47.180	ng	99
37) 2-Methylnaphthalene	12.394	142	331819	43.063	ng	98
38) 1-Methylnaphthalene	12.612	142	311752	42.857	ng	98
40) 1,2,4,5-Tetrachloroben...	12.764	216	222210	45.736	ng	99
41) Hexachlorocyclopentadiene	12.747	237	263035	105.878	ng	94
43) 2,4,6-Trichlorophenol	12.999	196	159320	47.156	ng	96

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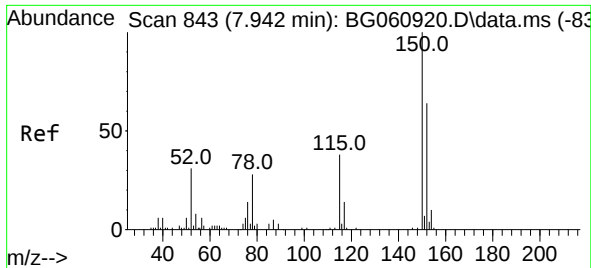
Manual Integrations
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 Supervised By :mohammad ahmed 04/22/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	185137	45.439	ng	95
46) 1,1'-Biphenyl	13.405	154	491194	45.882	ng	99
47) 2-Chloronaphthalene	13.446	162	391539	47.785	ng	99
48) 2-Nitroaniline	13.640	65	157252	46.769	ng	96
49) Acenaphthylene	14.292	152	665688	48.046	ng	100
50) Dimethylphthalate	14.028	163	571518	45.743	ng	99
51) 2,6-Dinitrotoluene	14.139	165	121613	47.757	ng	98
52) Acenaphthene	14.633	154	378099	44.996	ng	98
53) 3-Nitroaniline	14.468	138	79958	28.604	ng	# 93
54) 2,4-Dinitrophenol	14.674	184	153040	93.117	ng	95
55) Dibenzofuran	14.968	168	635481	44.769	ng	98
56) 4-Nitrophenol	14.786	139	218592	102.134	ng	99
57) 2,4-Dinitrotoluene	14.932	165	182425	50.132	ng	95
58) Fluorene	15.620	166	526984	44.758	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.197	232	177870	47.521	ng	99
60) Diethylphthalate	15.397	149	569392	45.499	ng	99
61) 4-Chlorophenyl-phenyle...	15.614	204	284593	43.604	ng	97
62) 4-Nitroaniline	15.632	138	131194	43.649	ng	97
63) Azobenzene	15.908	77	539314	45.725	ng	99
65) 4,6-Dinitro-2-methylph...	15.696	198	112946	49.297	ng	99
66) n-Nitrosodiphenylamine	15.826	169	508428	45.100	ng	99
67) 4-Bromophenyl-phenylether	16.507	248	205501	44.670	ng	98
68) Hexachlorobenzene	16.625	284	237195	47.383	ng	99
69) Atrazine	16.783	200	209382	51.679	ng	96
70) Pentachlorophenol	16.965	266	323603	95.454	ng	98
71) Phenanthrene	17.359	178	966507	46.496	ng	99
72) Anthracene	17.453	178	981101	45.949	ng	99
73) Carbazole	17.717	167	870809	46.810	ng	99
74) Di-n-butylphthalate	18.293	149	1044427	46.633	ng	99
75) Fluoranthene	19.368	202	1199461	45.334	ng	100
77) Benzidine	19.551	184	371840	42.509	ng	99
78) Pyrene	19.733	202	1260059	46.318	ng	100
80) Butylbenzylphthalate	20.632	149	459233	45.960	ng	100
81) Benzo(a)anthracene	21.554	228	1300195	46.429	ng	99
82) 3,3'-Dichlorobenzidine	21.472	252	331924	33.284	ng	100
83) Chrysene	21.625	228	1228636	45.951	ng	100
84) Bis(2-ethylhexyl)phtha...	21.489	149	676346	45.776	ng	98
85) Di-n-octyl phthalate	22.676	149	1168430	45.831	ng	99
87) Indeno(1,2,3-cd)pyrene	28.240	276	1561119	48.820	ng	# 96
88) Benzo(b)fluoranthene	23.710	252	1273347	48.669	ng	98
89) Benzo(k)fluoranthene	23.781	252	1275395	47.651	ng	99
90) Benzo(a)pyrene	24.556	252	1207153	46.798	ng	100
91) Dibenzo(a,h)anthracene	28.311	278	1263977	48.021	ng	99
92) Benzo(g,h,i)perylene	29.345	276	1185686	46.076	ng	98

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



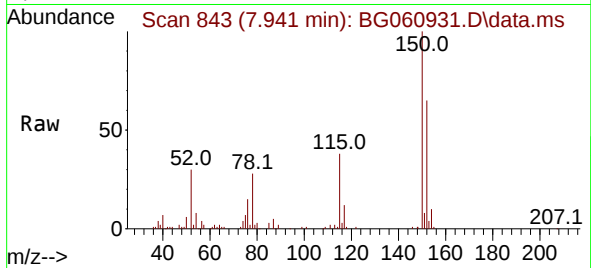
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

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PB160120BS



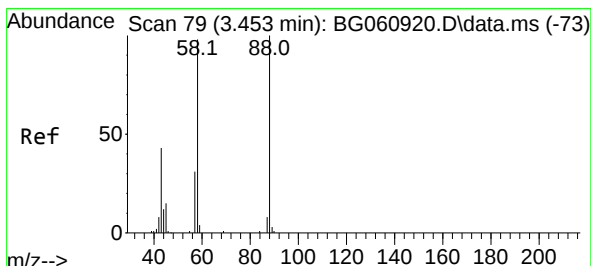
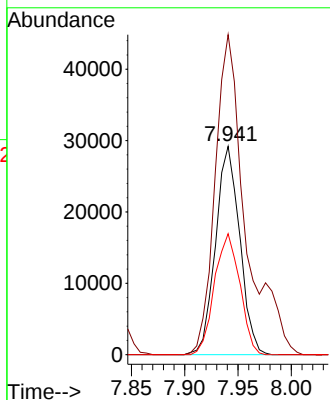
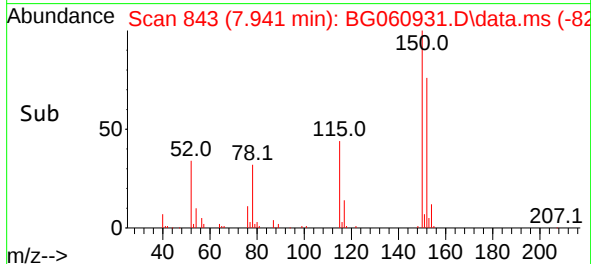
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Ion Ratio Lower Upper
152 100
150 153.6 125.6 188.4
115 58.1 47.1 70.7

Manual Integrations

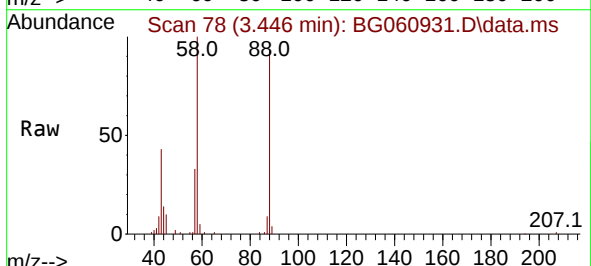
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Reviewed By :Yogesh Patel 04/22/2024

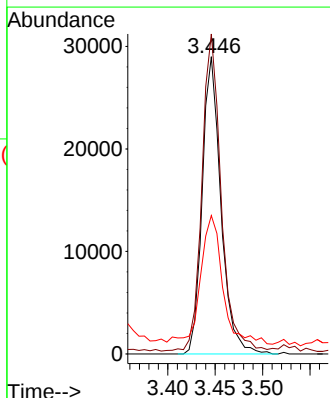
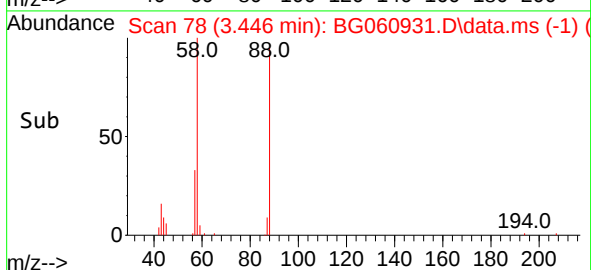
Supervised By :mohammad ahmed 04/22/2024

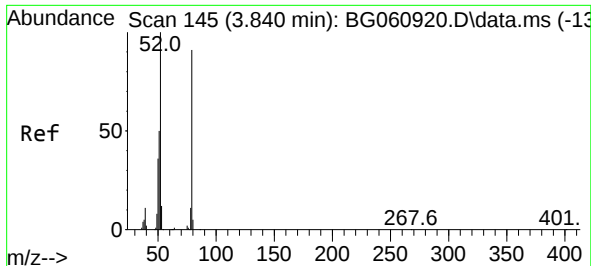


#2
1,4-Dioxane
Concen: 37.057 ng
RT: 3.446 min Scan# 78
Delta R.T. -0.007 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01



Tgt Ion: 88 Resp: 39671
Ion Ratio Lower Upper
88 100
58 108.4 82.1 123.1
43 51.3 35.2 52.8





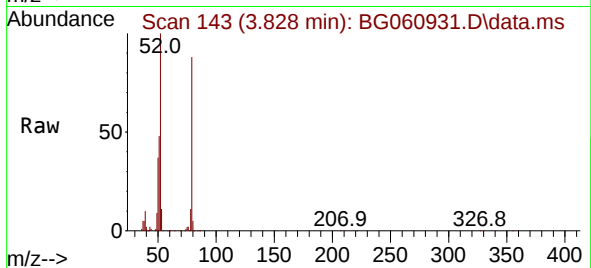
#3
 Pyridine
 Concen: 32.749 ng
 RT: 3.828 min Scan# 145
 Delta R.T. -0.013 min
 Lab File: BG060931.D
 Acq: 18 Apr 2024 11:01

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BNA_G

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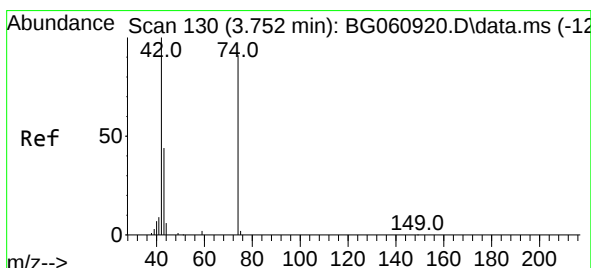
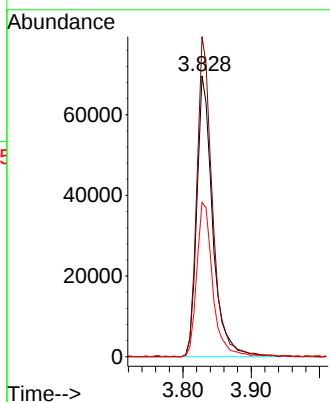
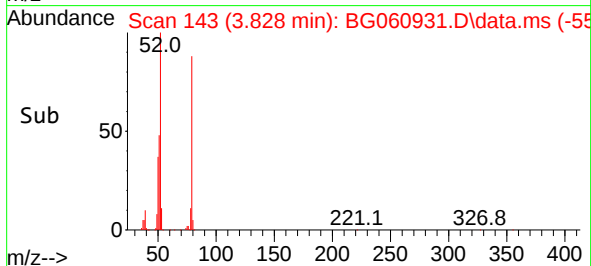
Tgt Ion: 79 Resp: 111544
 Ion Ratio Lower Upper
 79 100
 52 114.0 87.8 131.8
 51 54.9 44.1 66.1

Manual Integrations

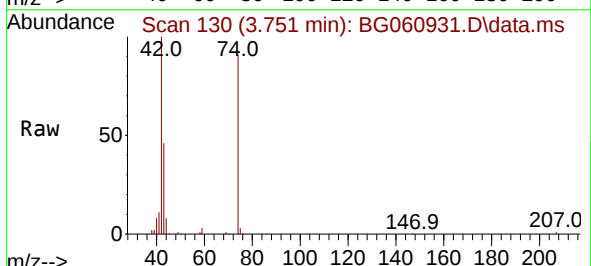
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Reviewed By :Yogesh Patel 04/22/2024

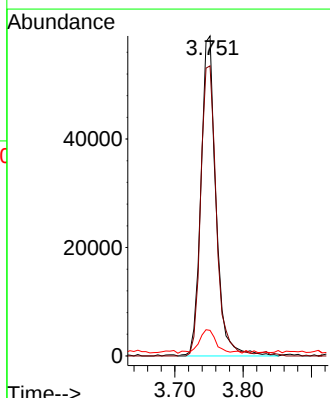
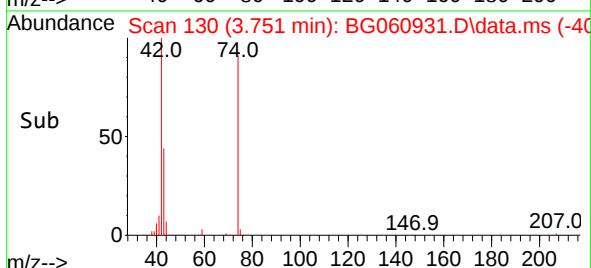
Supervised By :mohammad ahmed 04/22/2024

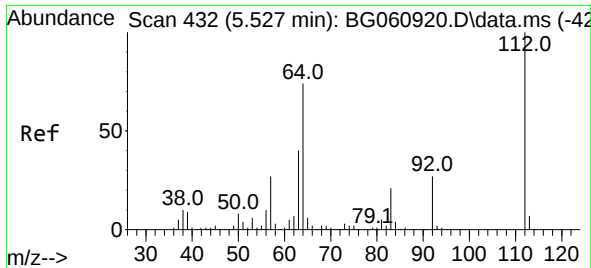


#4
 n-Nitrosodimethylamine
 Concen: 41.545 ng
 RT: 3.751 min Scan# 130
 Delta R.T. -0.001 min
 Lab File: BG060931.D
 Acq: 18 Apr 2024 11:01



Tgt Ion: 42 Resp: 90297
 Ion Ratio Lower Upper
 42 100
 74 90.6 73.2 109.8
 44 8.0 5.6 8.4





#5
2-Fluorophenol
Concen: 144.597 ng
RT: 5.526 min Scan# 411
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

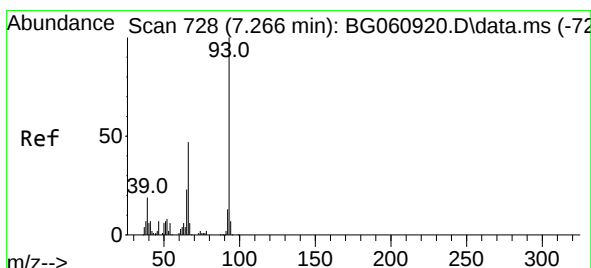
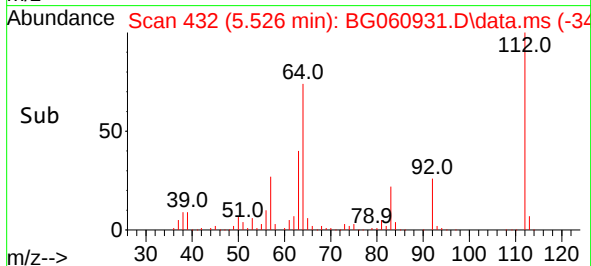
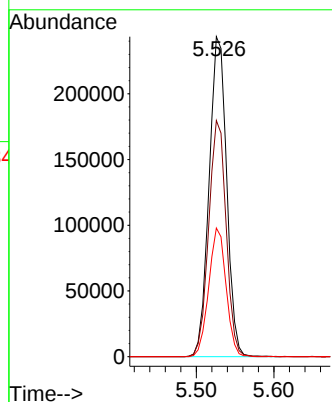
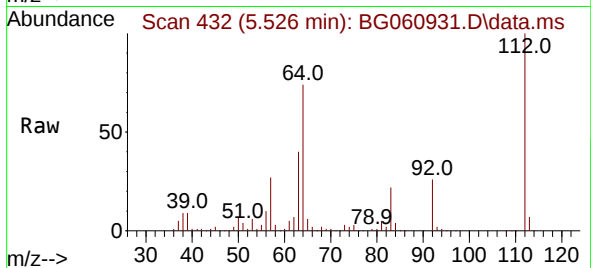
ClientSampleId :

PB160120BS

Tgt Ion:112 Resp: 382925
Ion Ratio Lower Upper
112 100
64 73.8 58.9 88.3
63 40.2 32.1 48.1

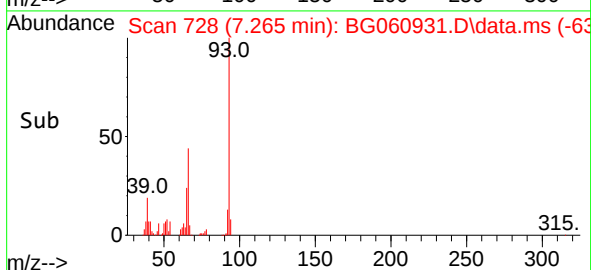
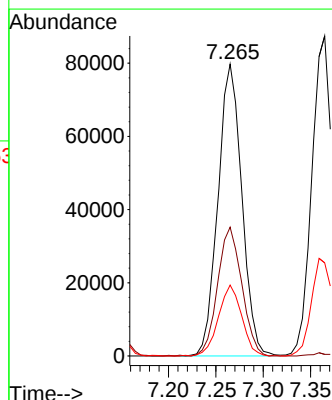
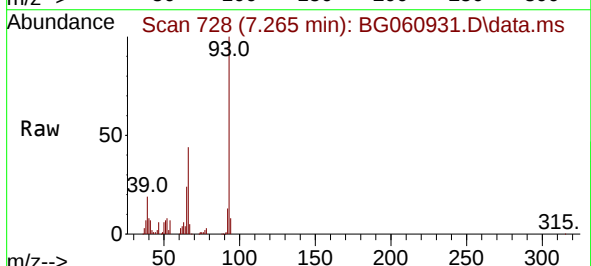
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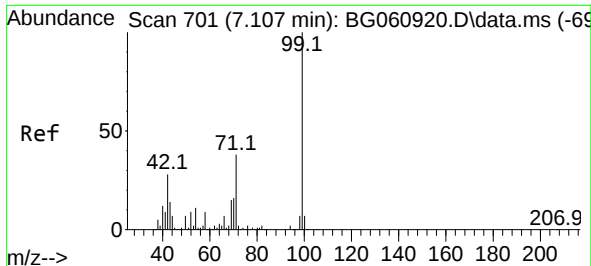
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#6
Aniline
Concen: 30.037 ng
RT: 7.265 min Scan# 728
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

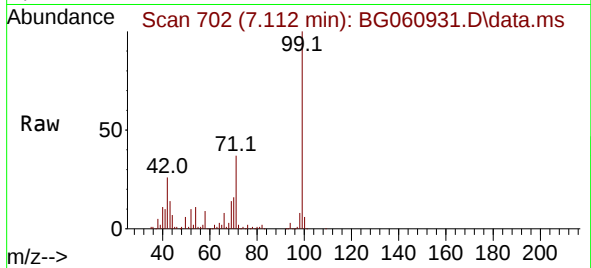
Tgt Ion: 93 Resp: 139617
Ion Ratio Lower Upper
93 100
66 44.2 37.8 56.8
65 24.3 18.7 28.1





#7
Phenol-d6
Concen: 147.356 ng
RT: 7.112 min Scan# 701
Delta R.T. 0.005 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

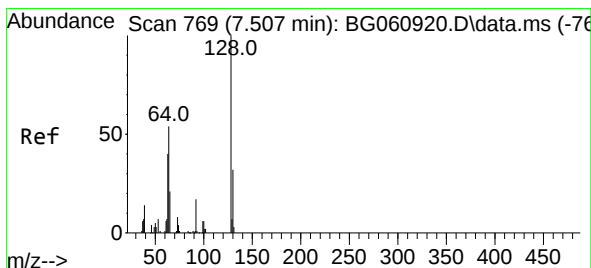
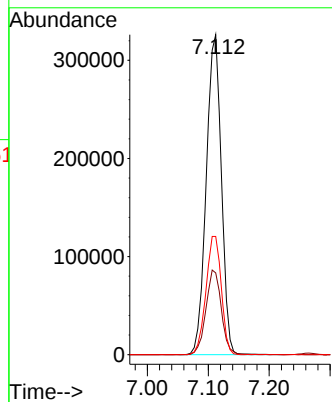
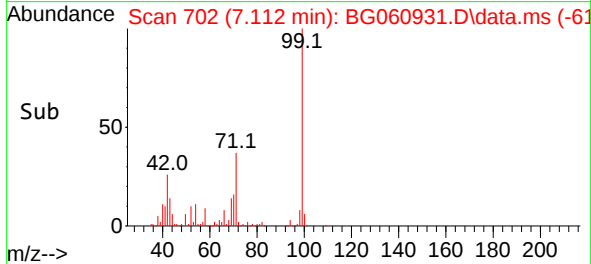
Instrument :
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Tgt Ion: 99 Resp: 562160
Ion Ratio Lower Upper
99 100
42 25.5 22.2 33.2
71 37.0 30.5 45.7

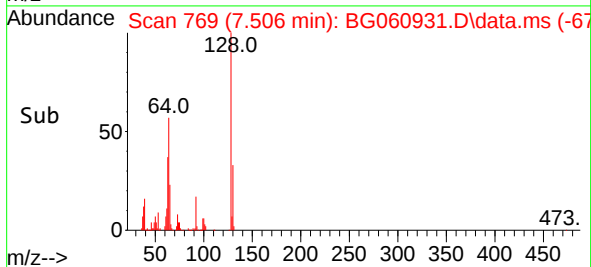
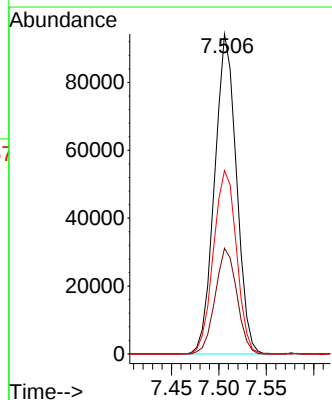
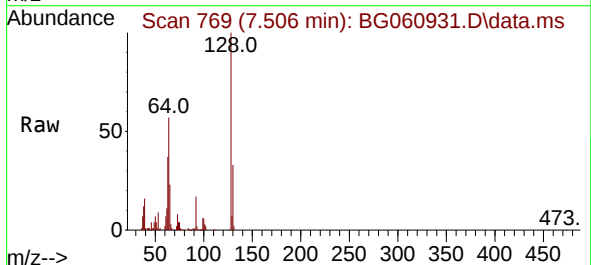
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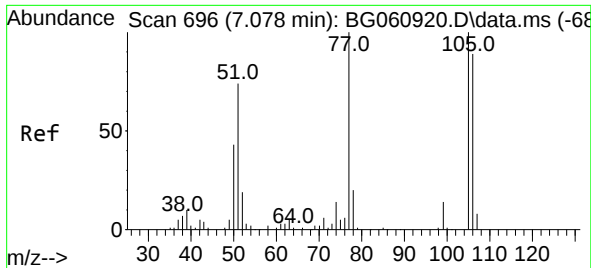
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#8
2-Chlorophenol
Concen: 50.170 ng
RT: 7.506 min Scan# 769
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion:128 Resp: 151150
Ion Ratio Lower Upper
128 100
130 33.1 11.7 51.7
64 57.3 37.8 77.8





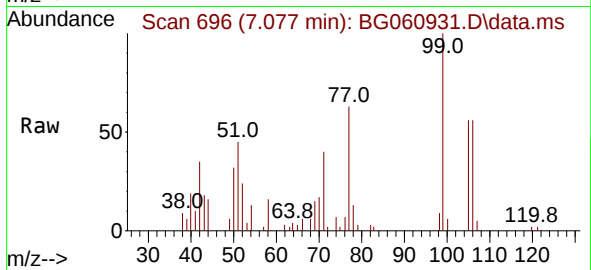
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Benzaldehyde
Concen: 3.865 ng
RT: 7.077 min Scan# 696
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

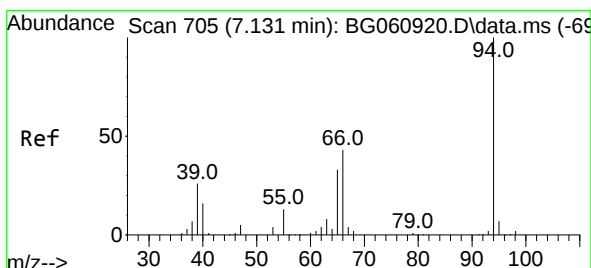
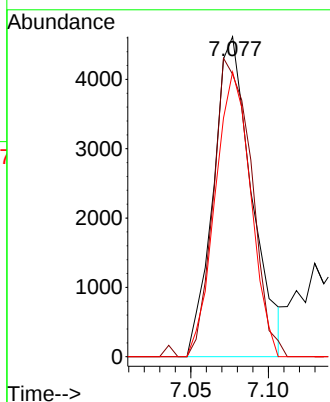
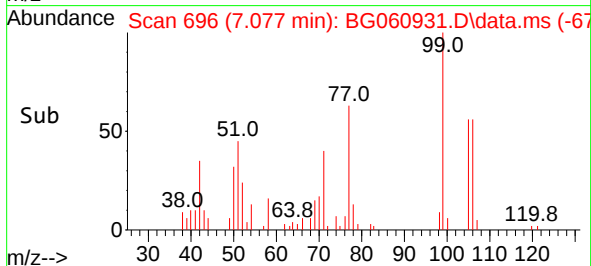
PB160120BS



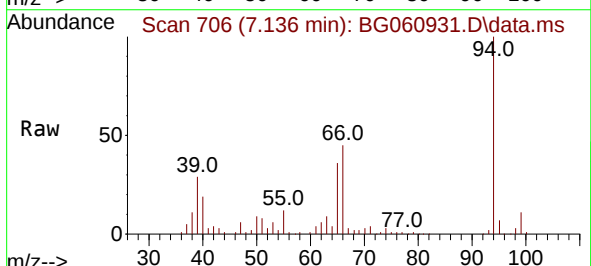
Tgt Ion: 77 Resp: 7919
Ion Ratio Lower Upper
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105 88.2 79.9 119.9
106 89.0 69.3 109.3

Manual Integrations
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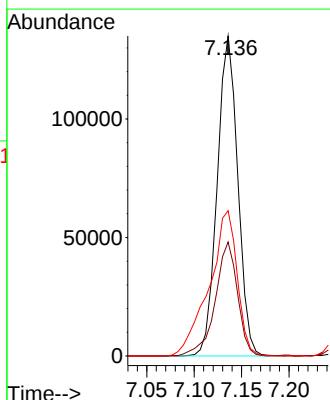
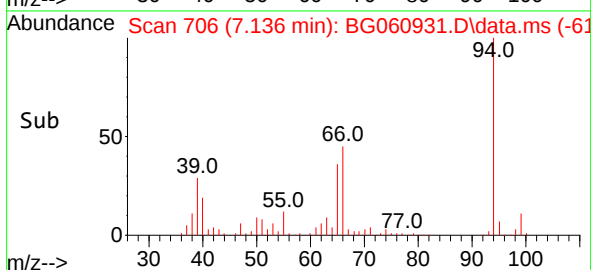
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

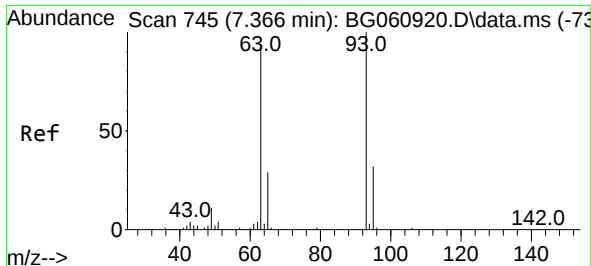


#10
Phenol
Concen: 53.363 ng
RT: 7.136 min Scan# 706
Delta R.T. 0.005 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01



Tgt Ion: 94 Resp: 204026
Ion Ratio Lower Upper
94 100
65 35.6 13.6 53.6
66 45.4 24.3 64.3





#11
bis(2-Chloroethyl)ether
Concen: 45.736 ng
RT: 7.365 min Scan# 745
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

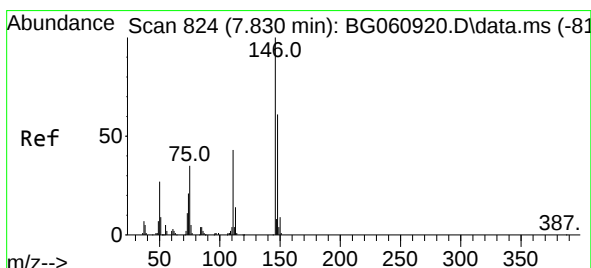
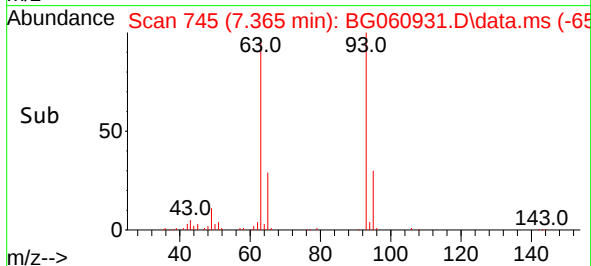
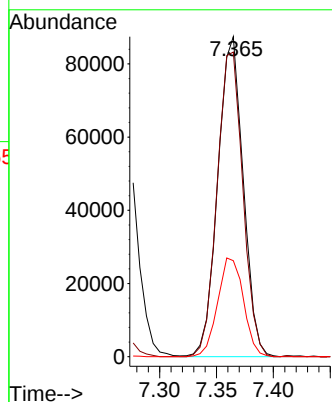
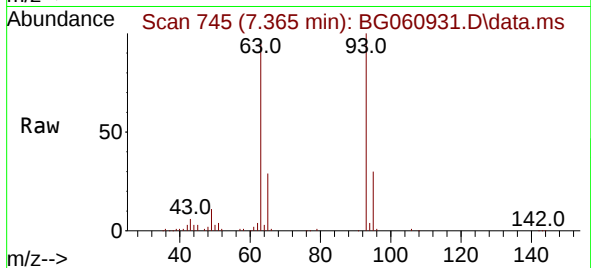
ClientSampleId :

PB160120BS

Tgt Ion: 93 Resp: 13563
Ion Ratio Lower Upper
93 100
63 95.2 74.0 114.0
95 30.0 12.7 52.7

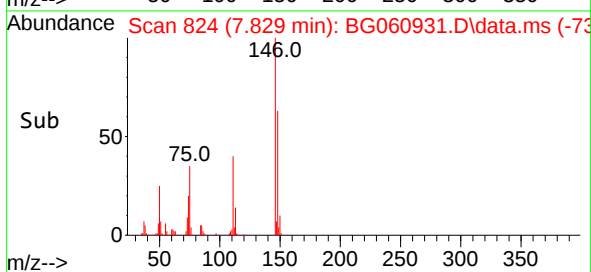
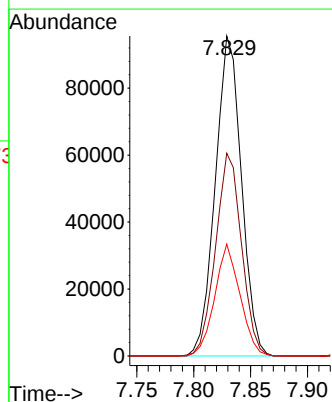
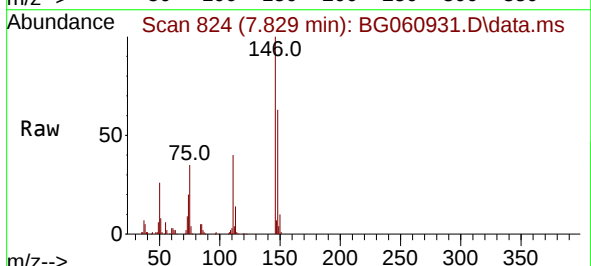
Manual Integrations
APPROVED

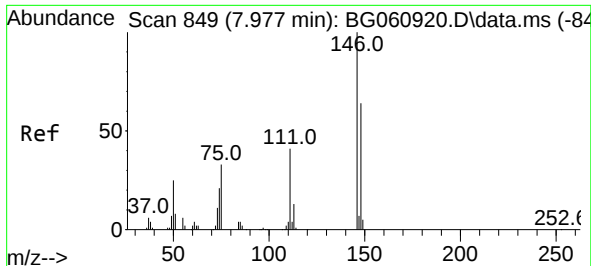
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#12
1,3-Dichlorobenzene
Concen: 47.784 ng
RT: 7.829 min Scan# 824
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion:146 Resp: 152959
Ion Ratio Lower Upper
146 100
148 63.4 49.0 73.6
75 35.0 27.8 41.6





#13

1,4-Dichlorobenzene

Concen: 47.027 ng

RT: 7.976 min Scan# 849

Delta R.T. -0.001 min

Lab File: BG060931.D

Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

PB160120BS

Tgt Ion:146 Resp: 15411

Ion Ratio Lower Upper

146 100

148 62.2 51.4 77.2

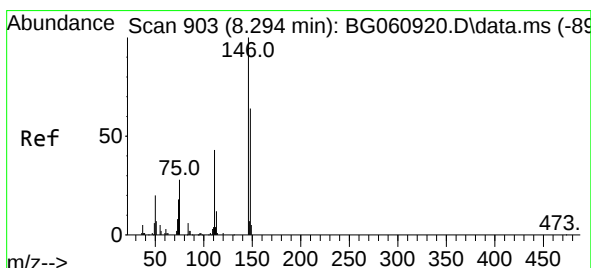
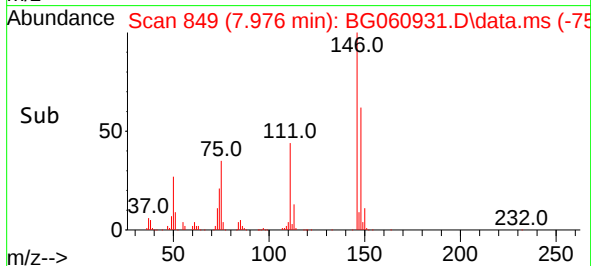
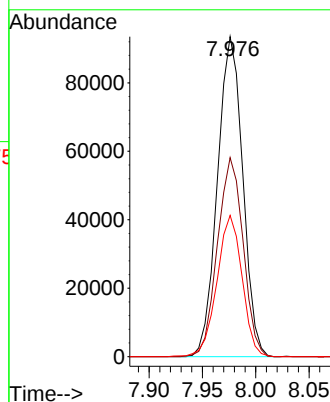
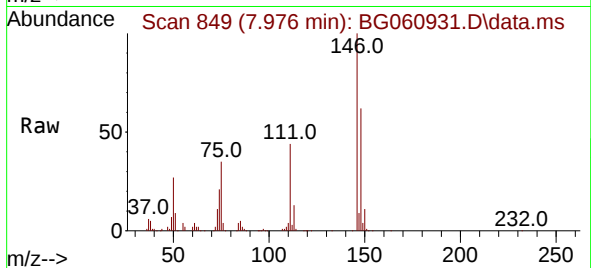
111 44.2 32.8 49.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#14

1,2-Dichlorobenzene

Concen: 47.084 ng

RT: 8.293 min Scan# 903

Delta R.T. -0.001 min

Lab File: BG060931.D

Acq: 18 Apr 2024 11:01

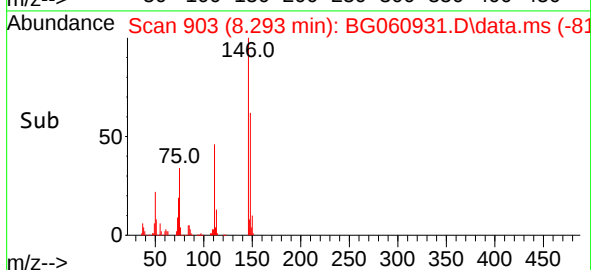
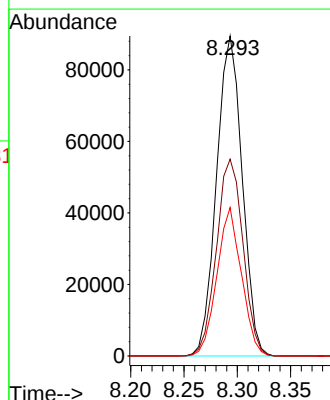
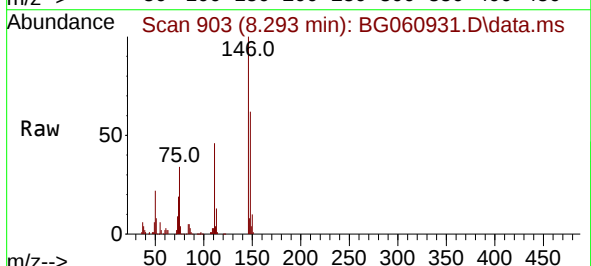
Tgt Ion:146 Resp: 150041

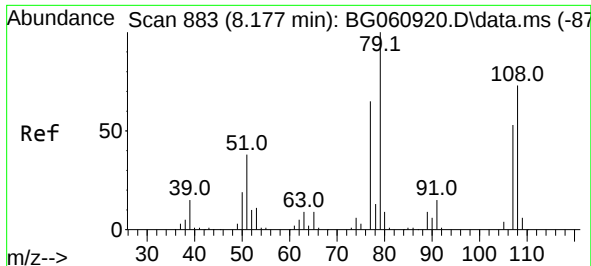
Ion Ratio Lower Upper

146 100

148 61.5 51.0 76.4

111 46.4 35.2 52.8





#15
Benzyl Alcohol
Concen: 45.290 ng
RT: 8.176 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

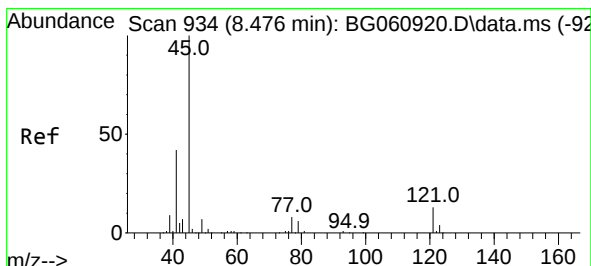
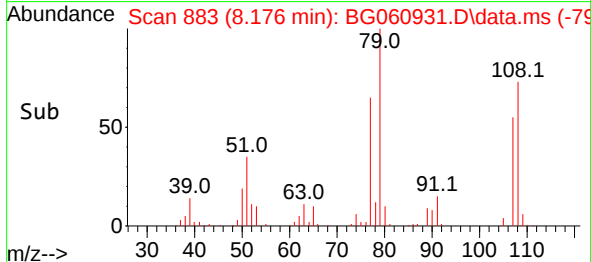
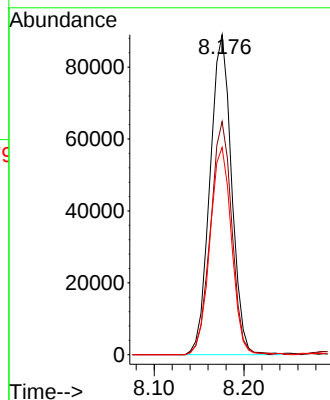
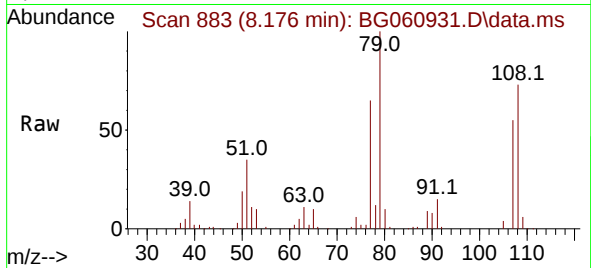
ClientSampleId :

PB160120BS

Tgt Ion: 79 Resp: 14863
Ion Ratio Lower Upper
79 100
108 72.8 58.6 87.8
77 64.7 51.9 77.9

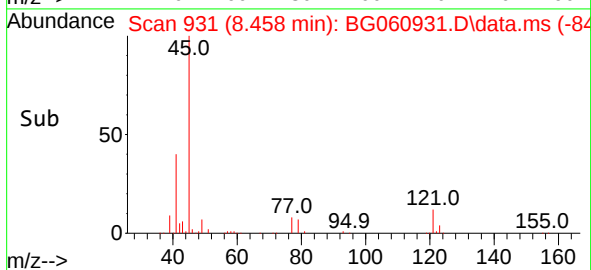
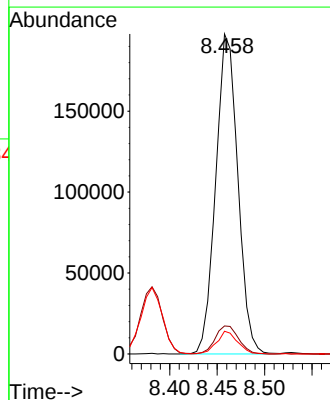
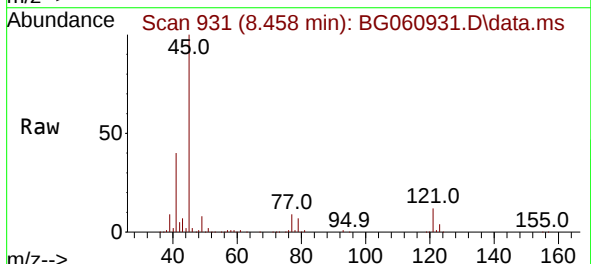
Manual Integrations
APPROVED

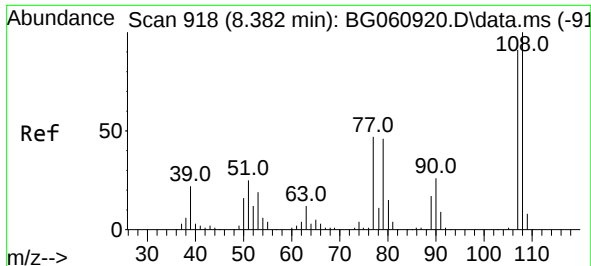
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.759 ng
RT: 8.458 min Scan# 931
Delta R.T. -0.019 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion: 45 Resp: 320794
Ion Ratio Lower Upper
45 100
77 8.8 0.0 29.0
79 7.1 0.0 27.2





#17
2-Methylphenol
Concen: 44.511 ng
RT: 8.381 min Scan# 918
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

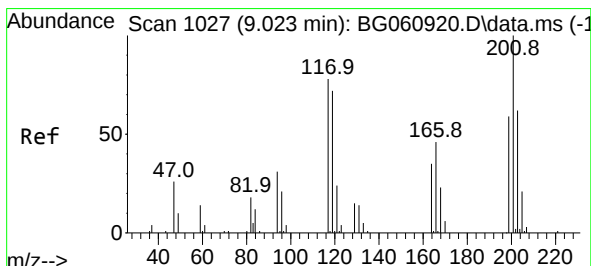
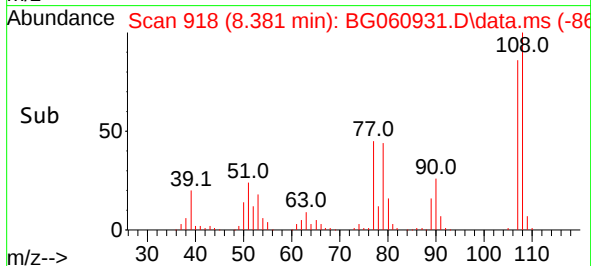
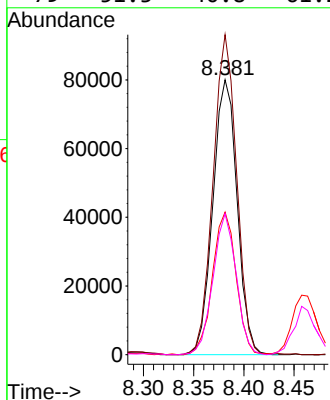
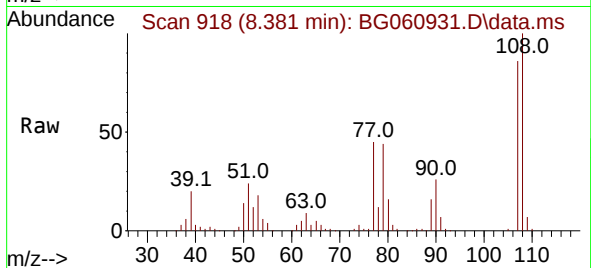
PB160120BS

Tgt Ion:107 Resp: 134460
Ion Ratio Lower Upper
107 100
108 116.4 88.3 132.5
77 51.9 41.4 62.0
79 51.3 40.8 61.2

Manual Integrations

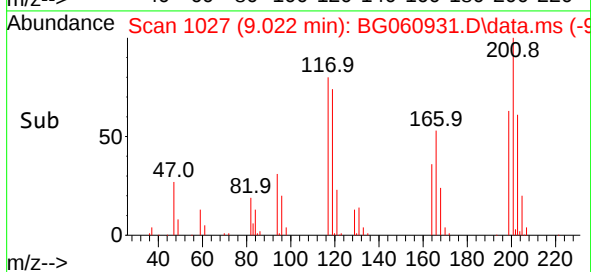
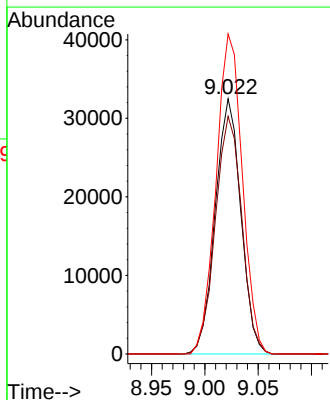
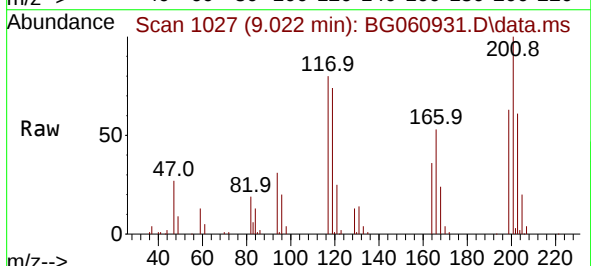
APPROVED

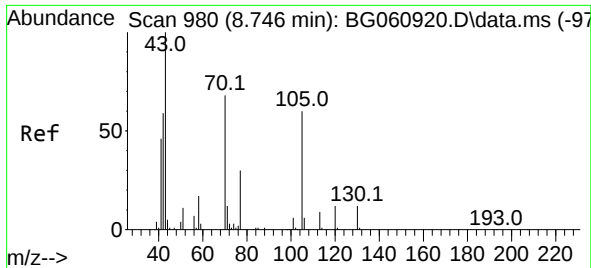
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#18
Hexachloroethane
Concen: 46.567 ng
RT: 9.022 min Scan# 1027
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion:117 Resp: 54188
Ion Ratio Lower Upper
117 100
119 93.1 73.8 110.6
201 125.4 102.9 154.3





#19
n-Nitroso-di-n-propylamine
Concen: 42.615 ng
RT: 8.746 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

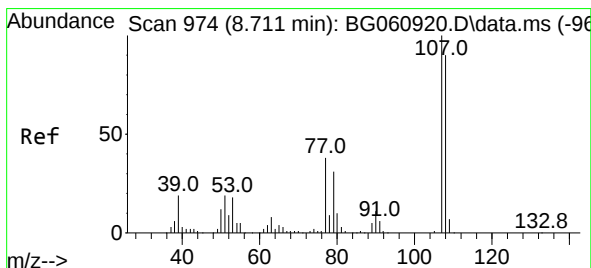
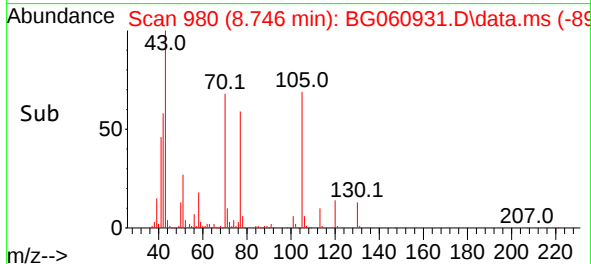
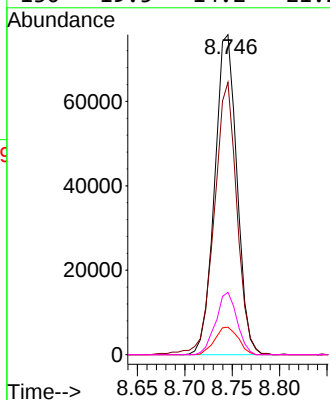
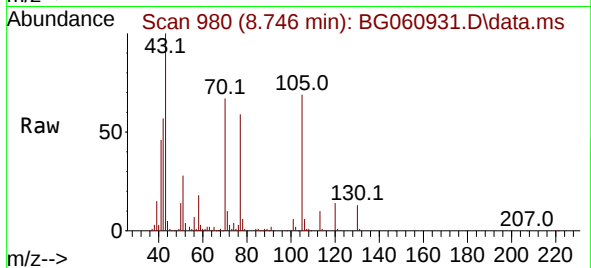
ClientSampleId :

PB160120BS

Tgt Ion: 70 Resp: 12383
Ion Ratio Lower Upper
70 100
42 85.1 70.9 106.3
101 8.6 7.0 10.4
130 19.5 14.2 21.2

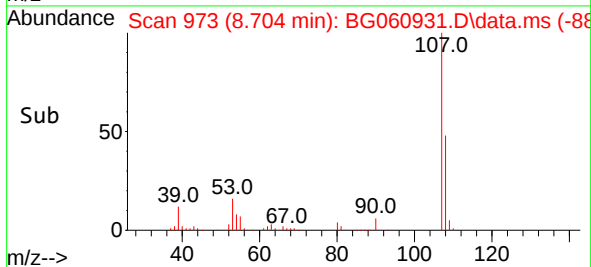
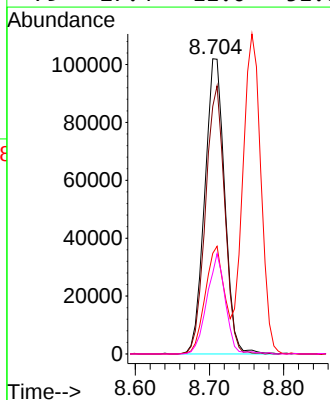
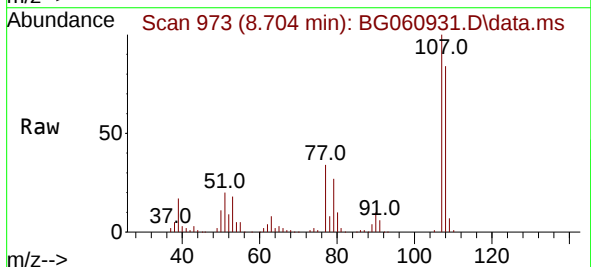
Manual Integrations
APPROVED

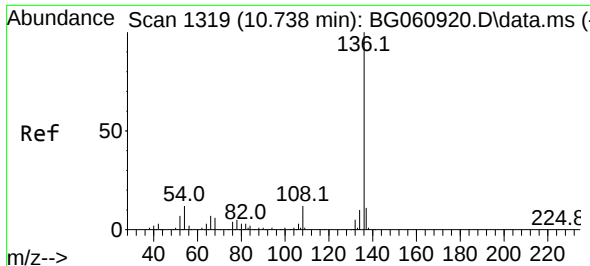
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#20
3+4-Methylphenols
Concen: 45.405 ng
RT: 8.704 min Scan# 973
Delta R.T. -0.007 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion:107 Resp: 190298
Ion Ratio Lower Upper
107 100
108 83.8 69.9 109.9
77 34.1 17.5 57.5
79 27.4 11.0 51.0





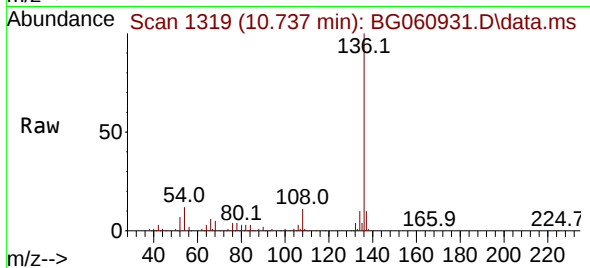
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

PB160120BS

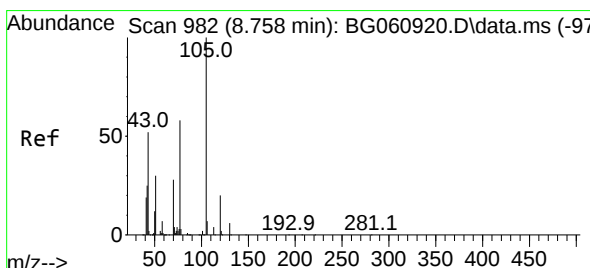
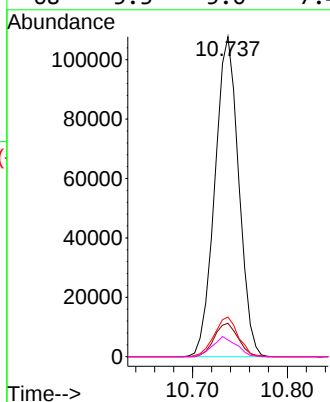
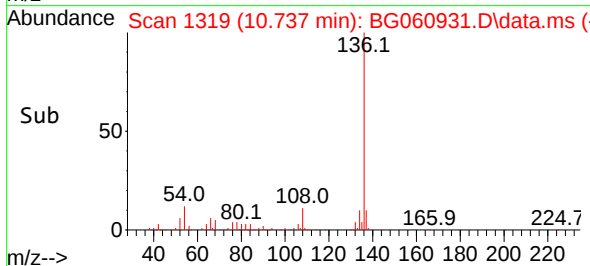


Tgt Ion:136 Resp: 188331
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 12.4 9.8 14.8
68 5.3 5.0 7.4

Manual Integrations

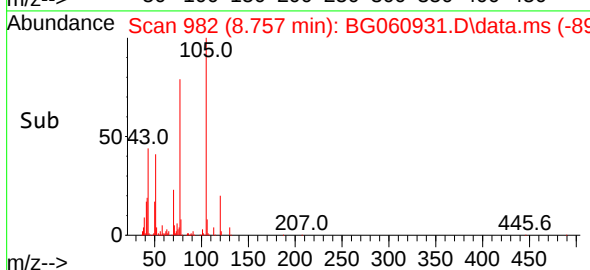
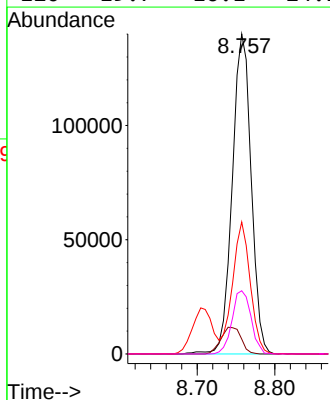
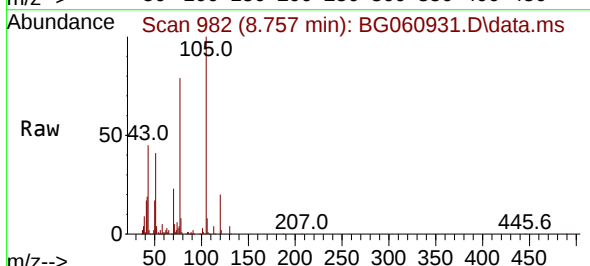
APPROVED

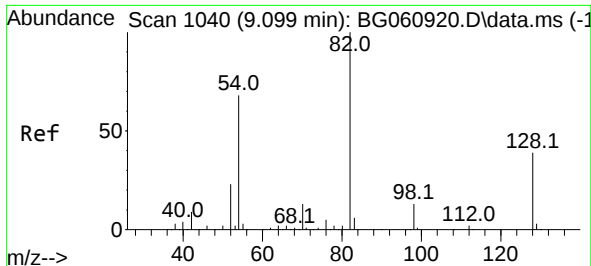
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#22
Acetophenone
Concen: 44.326 ng
RT: 8.757 min Scan# 982
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion:105 Resp: 237731
Ion Ratio Lower Upper
105 100
71 4.7 3.8 5.6
51 41.3 32.1 48.1
120 19.7 16.1 24.1





#23

Nitrobenzene-d5

Concen: 83.495 ng

RT: 9.098 min Scan# 1040

Delta R.T. -0.001 min

Lab File: BG060931.D

Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

PB160120BS

Tgt Ion: 82 Resp: 34638

Ion Ratio Lower Upper

82 100

128 39.0 31.4 47.0

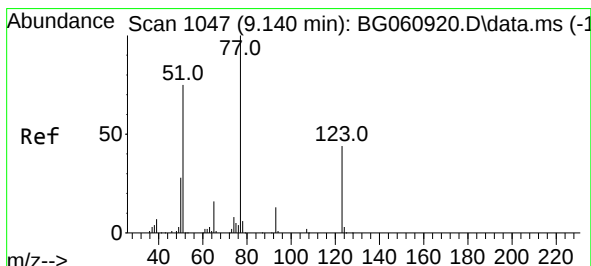
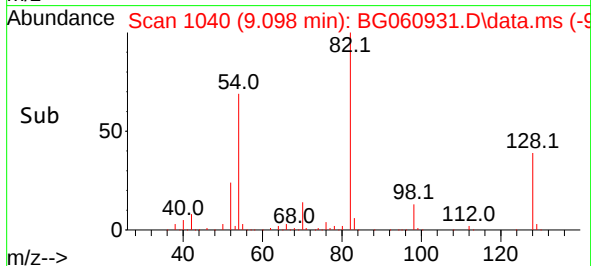
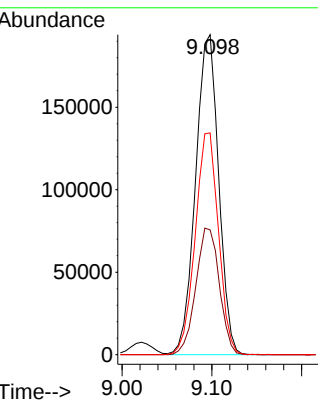
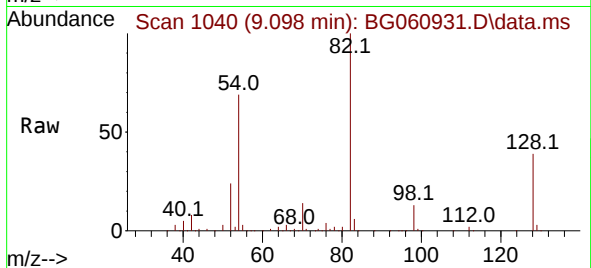
54 69.3 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#24

Nitrobenzene

Concen: 42.791 ng

RT: 9.139 min Scan# 1047

Delta R.T. -0.001 min

Lab File: BG060931.D

Acq: 18 Apr 2024 11:01

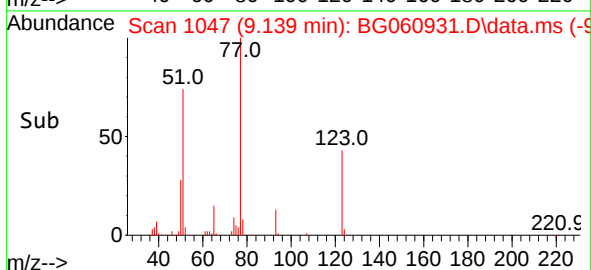
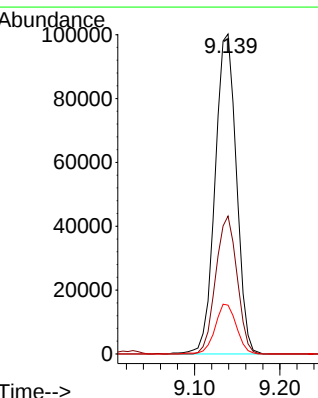
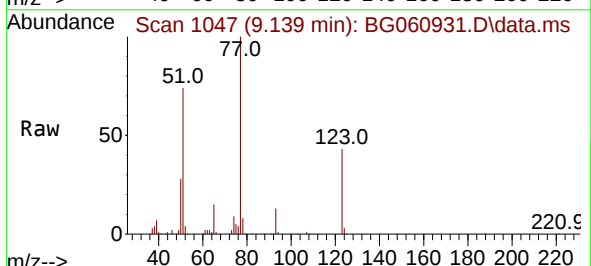
Tgt Ion: 77 Resp: 174221

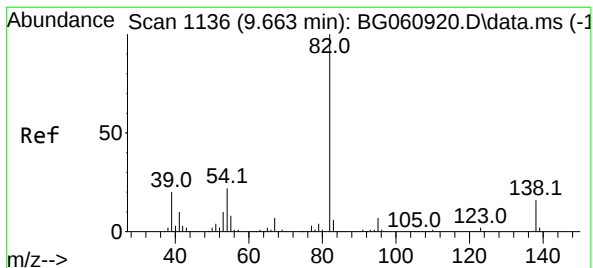
Ion Ratio Lower Upper

77 100

123 43.1 34.8 52.2

65 15.3 12.6 19.0





#25

Isophorone

Concen: 42.959 ng

RT: 9.662 min Scan# 1136

Delta R.T. -0.001 min

Lab File: BG060931.D

Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

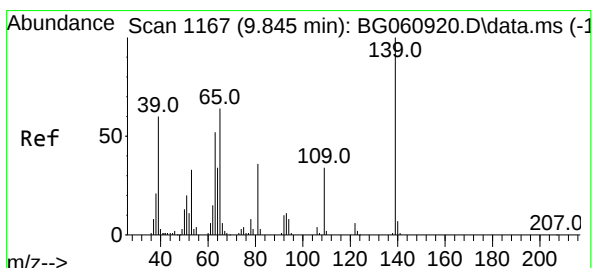
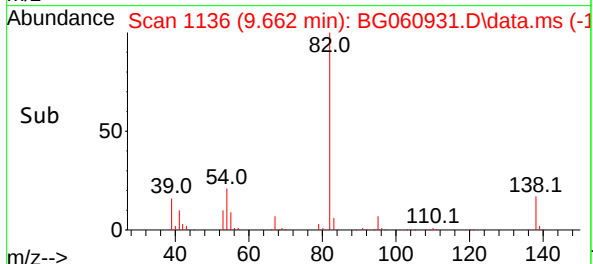
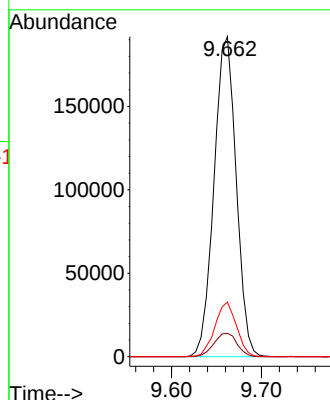
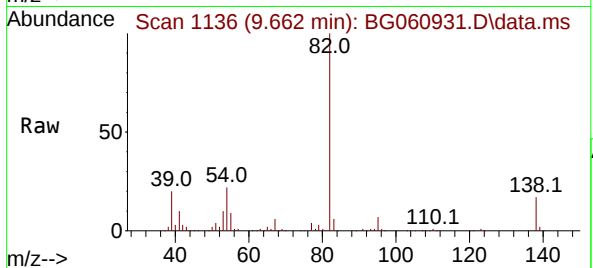
ClientSampleId :

PB160120BS

Tgt Ion: 82 Resp: 32888
 Ion Ratio Lower Upper
 82 100
 95 7.3 5.9 8.9
 138 17.0 12.7 19.1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024



#26

2-Nitrophenol

Concen: 46.384 ng

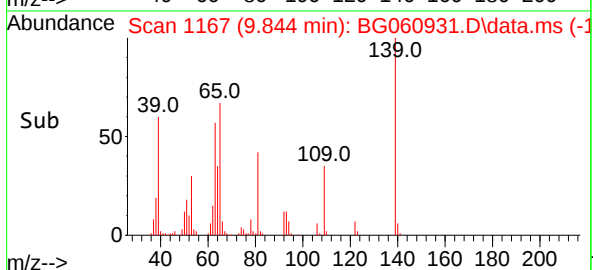
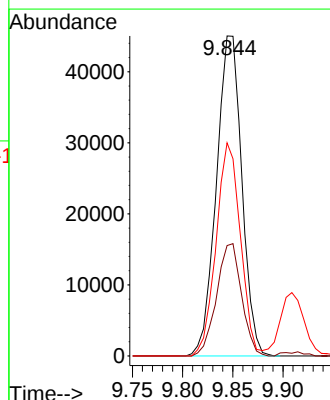
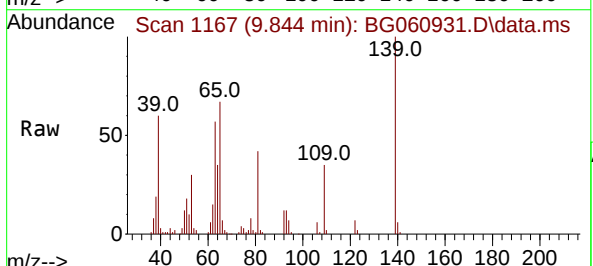
RT: 9.844 min Scan# 1167

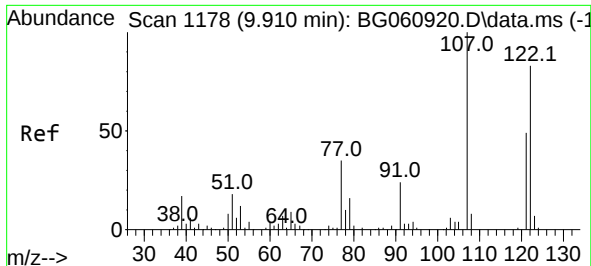
Delta R.T. -0.001 min

Lab File: BG060931.D

Acq: 18 Apr 2024 11:01

Tgt Ion:139 Resp: 79337
 Ion Ratio Lower Upper
 139 100
 109 34.5 26.9 40.3
 65 66.6 51.4 77.2





#27

2,4-Dimethylphenol

Concen: 37.912 ng

RT: 9.909 min Scan# 1178

Delta R.T. -0.001 min

Lab File: BG060931.D

Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

PB160120BS

Tgt Ion:122 Resp: 114250

Ion Ratio Lower Upper

122 100

107 122.5 96.6 144.8

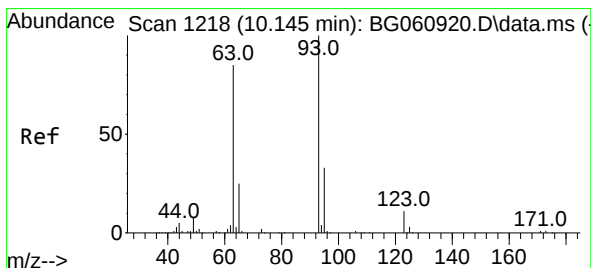
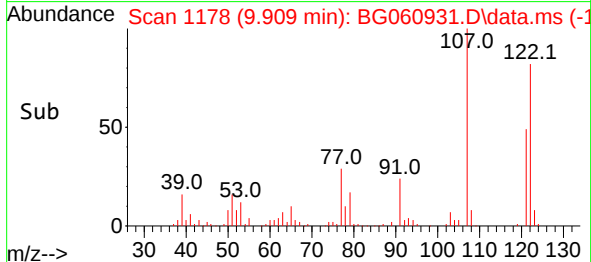
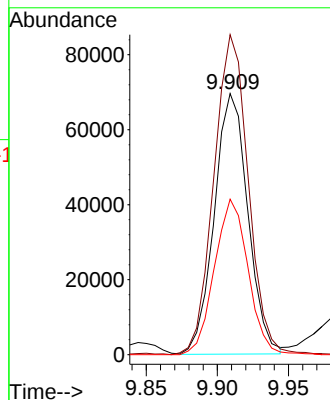
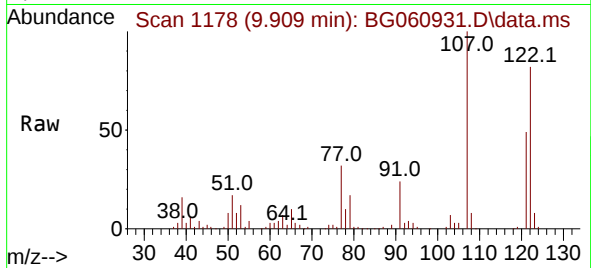
121 59.6 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#28

bis(2-Chloroethoxy)methane

Concen: 43.760 ng

RT: 10.144 min Scan# 1218

Delta R.T. -0.001 min

Lab File: BG060931.D

Acq: 18 Apr 2024 11:01

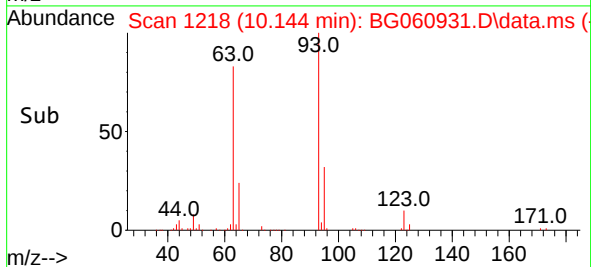
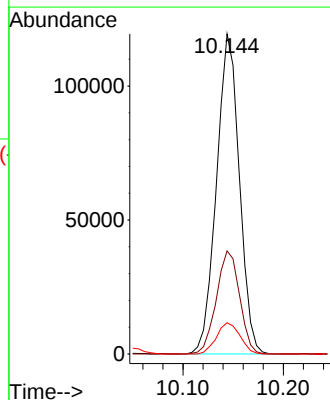
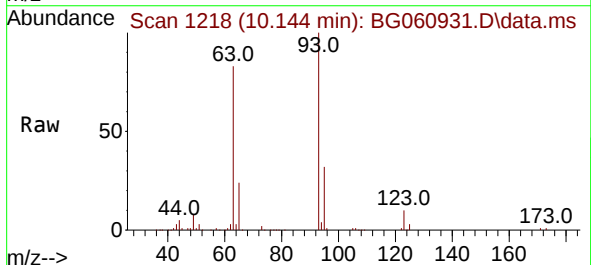
Tgt Ion: 93 Resp: 188377

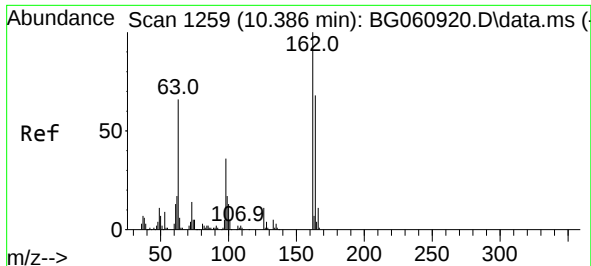
Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.4

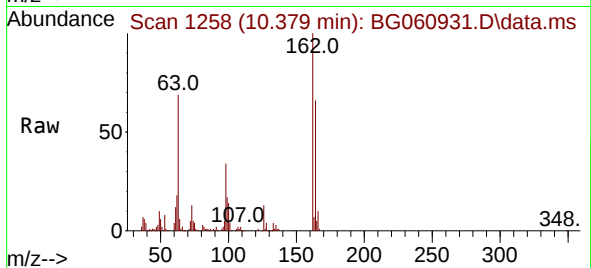
123 9.8 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 46.930 ng
RT: 10.379 min Scan# 1258
Delta R.T. -0.007 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

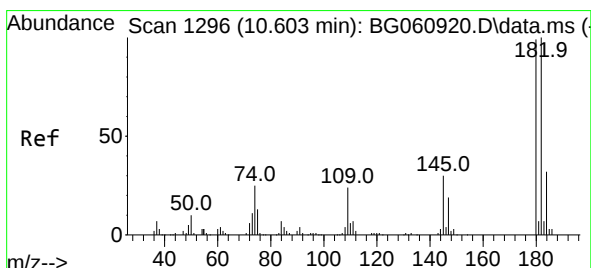
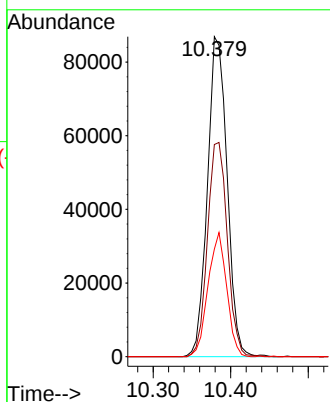
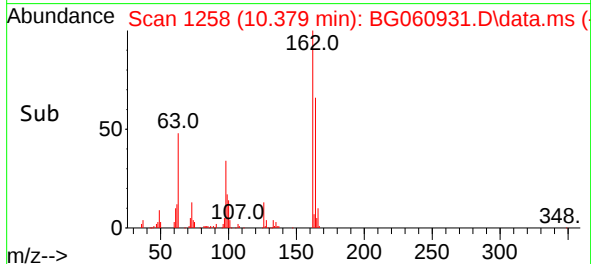
Instrument :
BNA_G
ClientSampleId :
PB160120BS



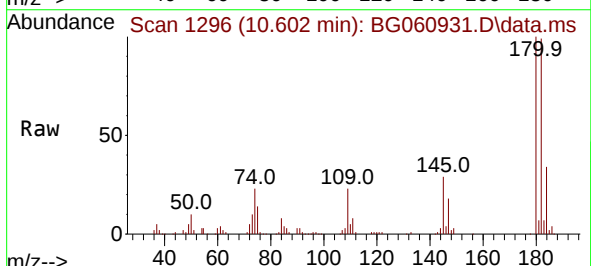
Tgt Ion:162 Resp: 15344
Ion Ratio Lower Upper
162 100
164 66.3 48.1 88.1
98 33.6 16.1 56.1

Manual Integrations
APPROVED

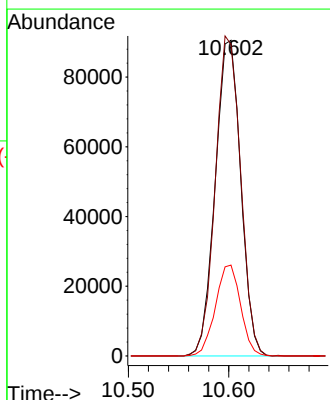
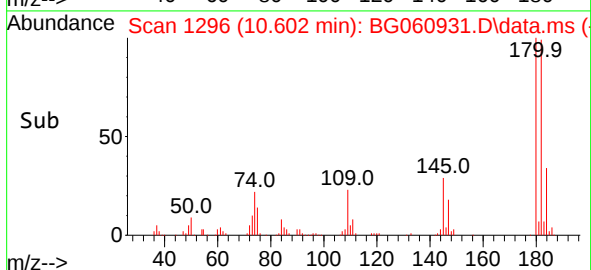
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

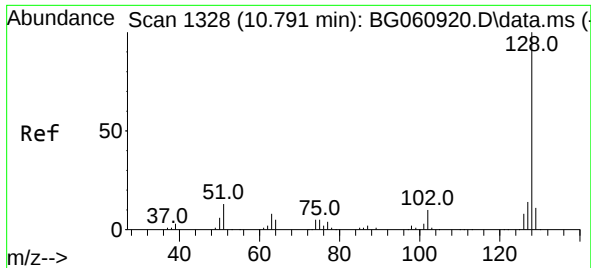


#30
1,2,4-Trichlorobenzene
Concen: 45.483 ng
RT: 10.602 min Scan# 1296
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01



Tgt Ion:180 Resp: 159409
Ion Ratio Lower Upper
180 100
182 98.7 81.0 121.4
145 28.8 24.1 36.1





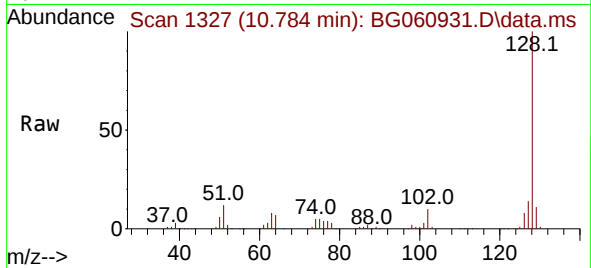
#31
Naphthalene
Concen: 44.100 ng
RT: 10.784 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

PB160120BS



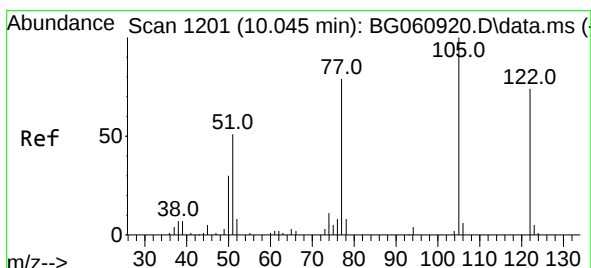
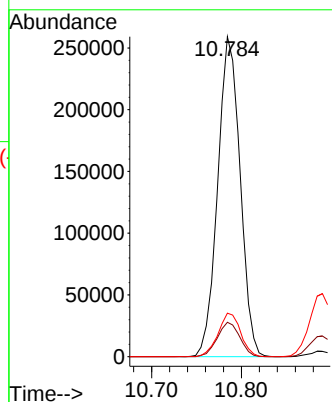
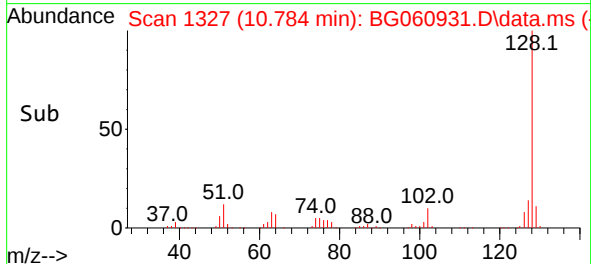
Tgt Ion:128 Resp: 449180
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.6 11.3 16.9

Manual Integrations

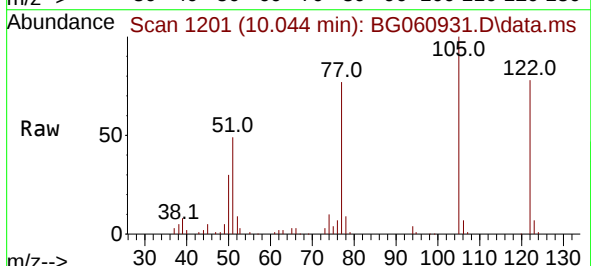
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

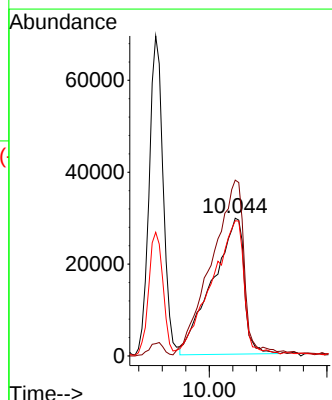
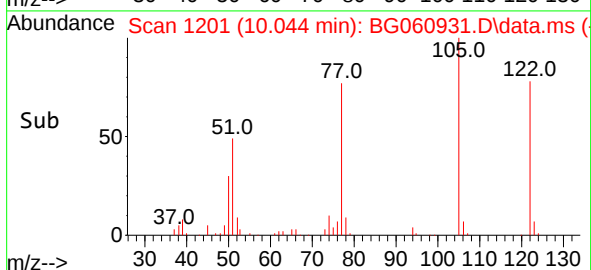
Supervised By :mohammad ahmed 04/22/2024

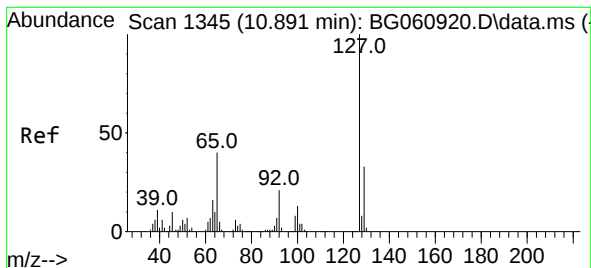


#32
Benzoic acid
Concen: 45.505 ng
RT: 10.044 min Scan# 1201
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01



Tgt Ion:122 Resp: 111005
Ion Ratio Lower Upper
122 100
105 127.6 109.8 149.8
77 98.1 84.1 124.1





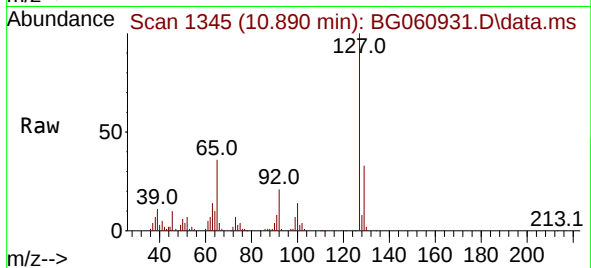
#33
4-Chloroaniline
Concen: 19.718 ng
RT: 10.890 min Scan# 1345
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

PB160120BS



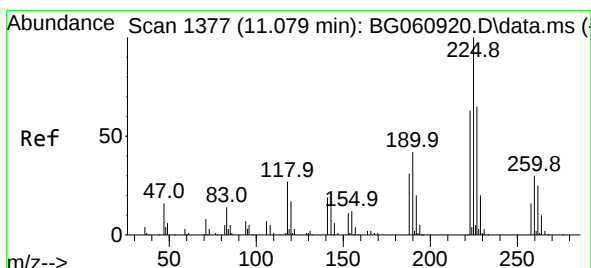
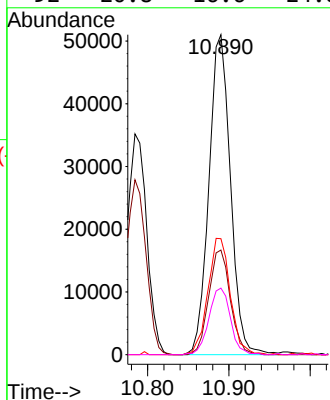
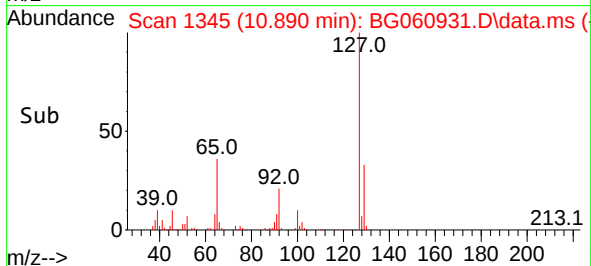
Tgt Ion:127 Resp: 94120
Ion Ratio Lower Upper
127 100
129 32.7 26.8 40.2
65 36.3 32.3 48.5
92 20.8 16.6 24.8

Manual Integrations

APPROVED

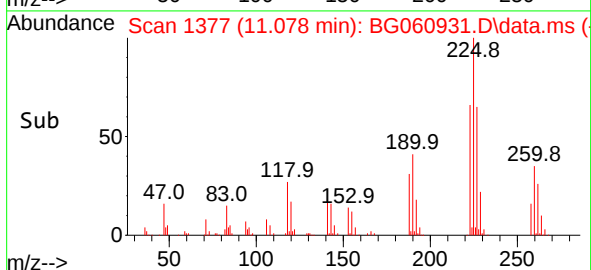
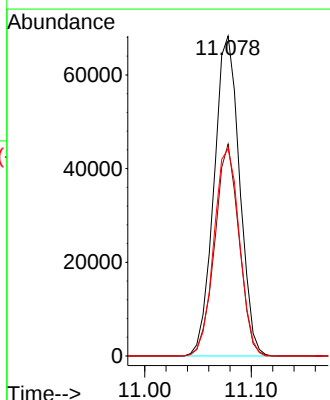
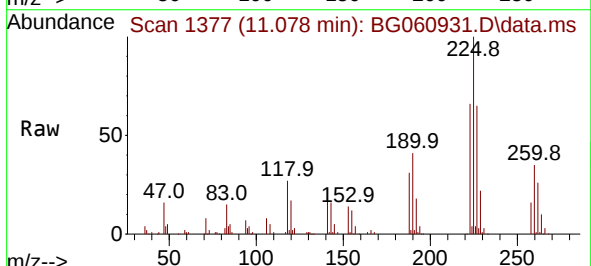
Reviewed By :Yogesh Patel 04/22/2024

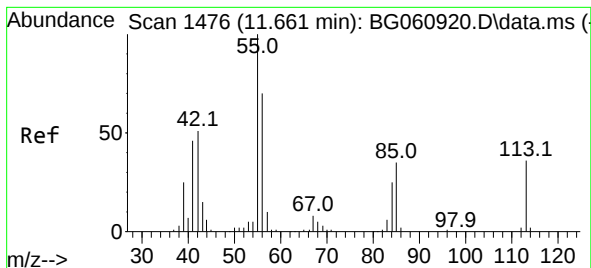
Supervised By :mohammad ahmed 04/22/2024



#34
Hexachlorobutadiene
Concen: 45.580 ng
RT: 11.078 min Scan# 1377
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion:225 Resp: 113566
Ion Ratio Lower Upper
225 100
223 66.2 50.2 75.2
227 64.8 51.7 77.5





#35
Caprolactam
Concen: 47.084 ng m
RT: 11.654 min Scan# 1476
Delta R.T. -0.007 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

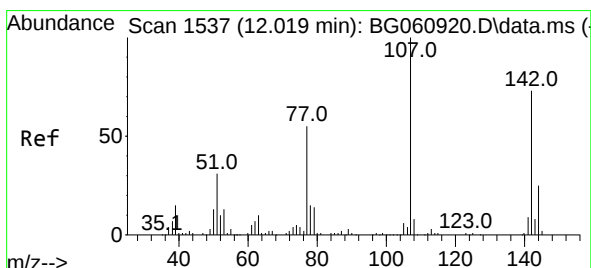
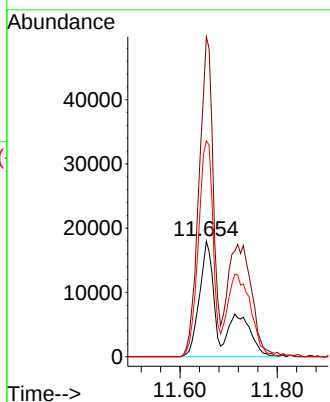
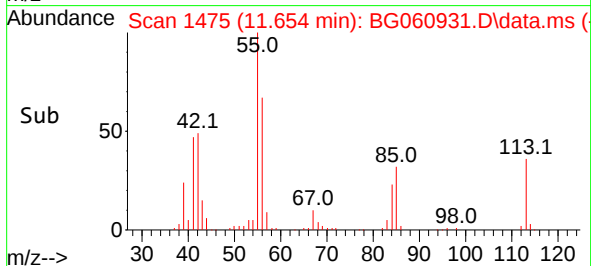
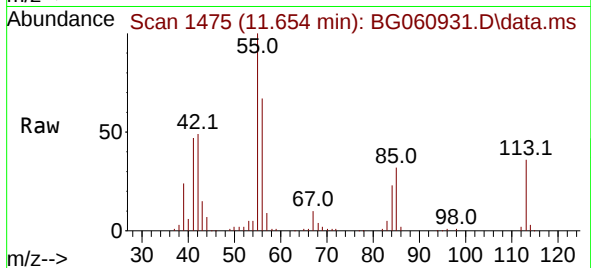
ClientSampleId :

PB160120BS

Tgt Ion:113 Resp: 5680
Ion Ratio Lower Upper
113 100
55 277.2 262.6 302.6
56 187.0 177.0 217.0

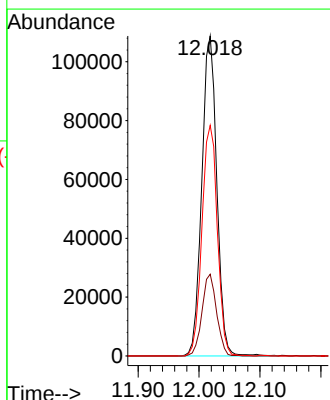
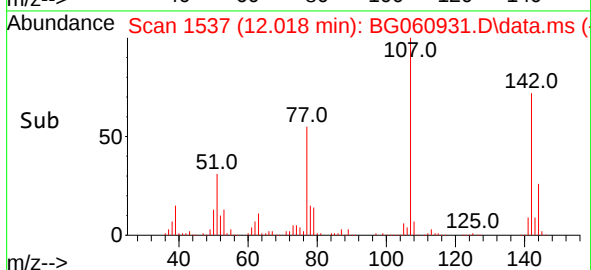
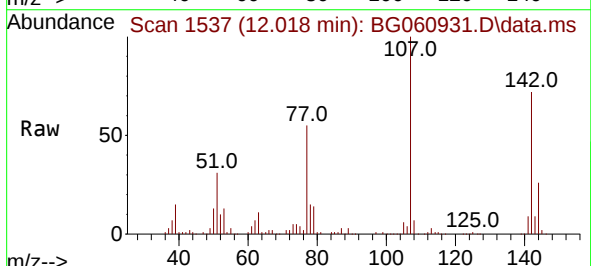
Manual Integrations
APPROVED

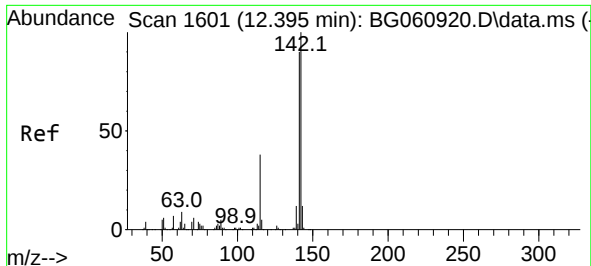
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#36
4-Chloro-3-methylphenol
Concen: 47.180 ng
RT: 12.018 min Scan# 1537
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion:107 Resp: 186449
Ion Ratio Lower Upper
107 100
144 25.6 19.7 29.5
142 72.1 58.2 87.2





#37
2-Methylnaphthalene
Concen: 43.063 ng
RT: 12.394 min Scan# 1601
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

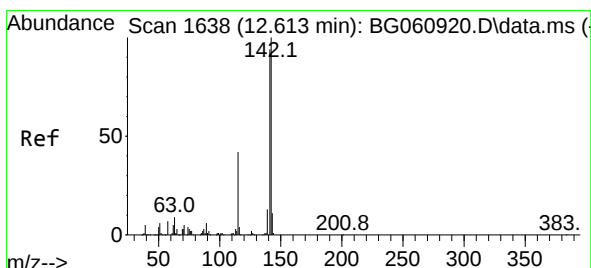
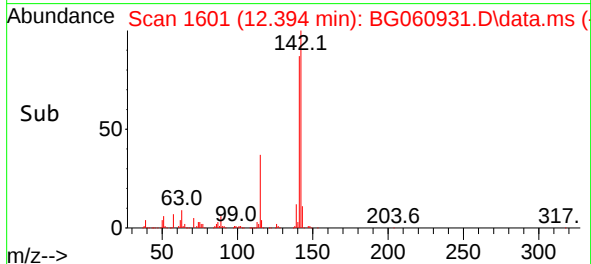
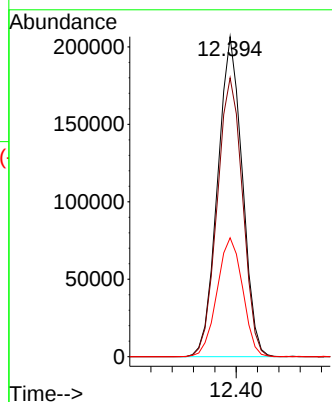
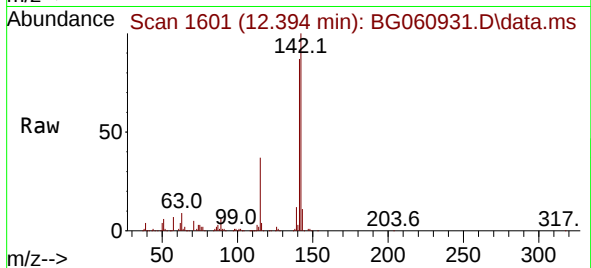
PB160120BS

Tgt Ion:142 Resp: 331819
Ion Ratio Lower Upper
142 100
141 87.2 71.7 107.5
115 37.1 30.6 45.8

Manual Integrations

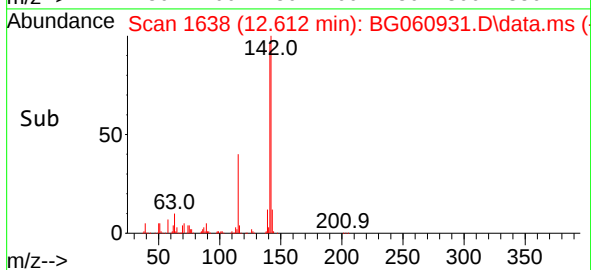
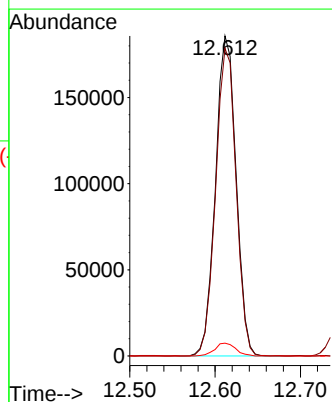
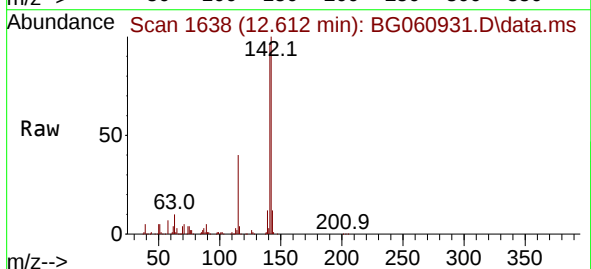
APPROVED

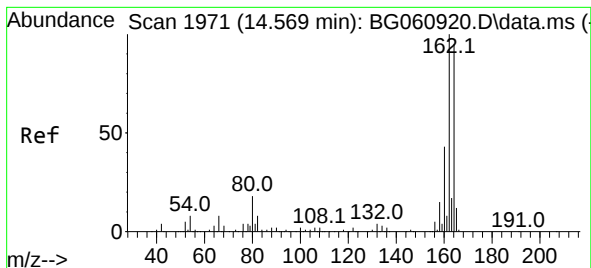
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#38
1-Methylnaphthalene
Concen: 42.857 ng
RT: 12.612 min Scan# 1638
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion:142 Resp: 311752
Ion Ratio Lower Upper
142 100
141 96.1 75.1 112.7
116 4.0 3.3 4.9





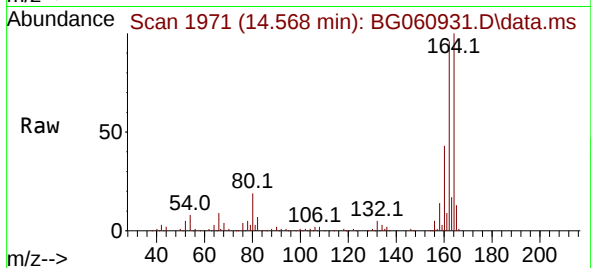
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

PB160120BS

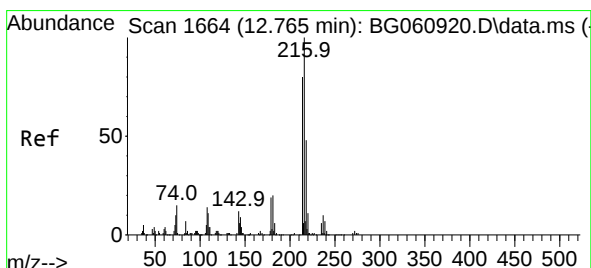
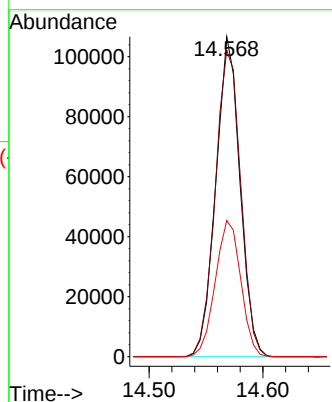
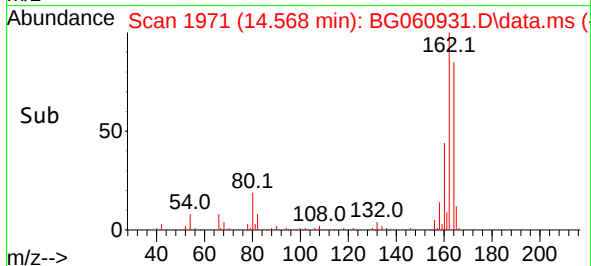


Tgt Ion:164 Resp: 157448
Ion Ratio Lower Upper
164 100
162 95.8 84.1 126.1
160 42.6 35.9 53.9

Manual Integrations

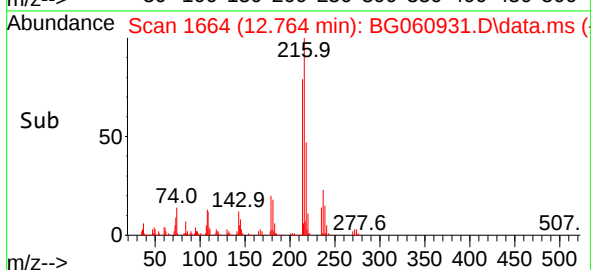
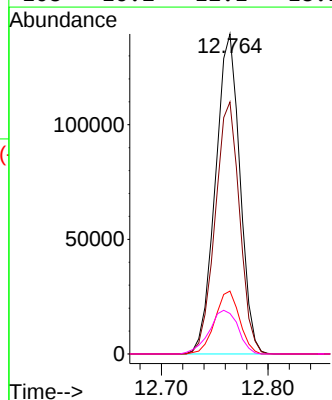
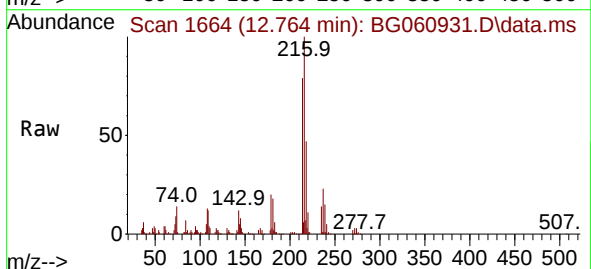
APPROVED

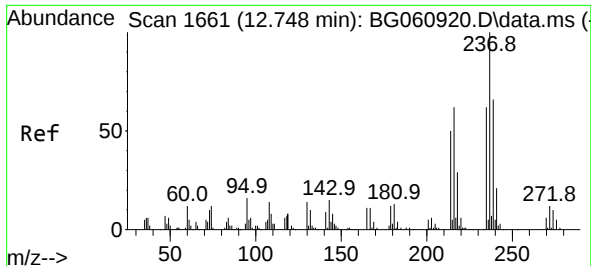
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.736 ng
RT: 12.764 min Scan# 1664
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion:216 Resp: 222210
Ion Ratio Lower Upper
216 100
214 78.7 62.8 94.2
179 19.7 15.2 22.8
108 16.2 12.1 18.1





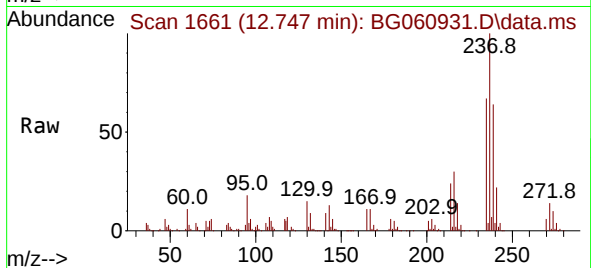
#41
Hexachlorocyclopentadiene
Concen: 105.878 ng
RT: 12.747 min Scan# 1661
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

PB160120BS

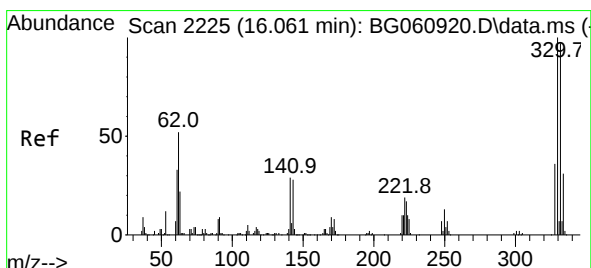
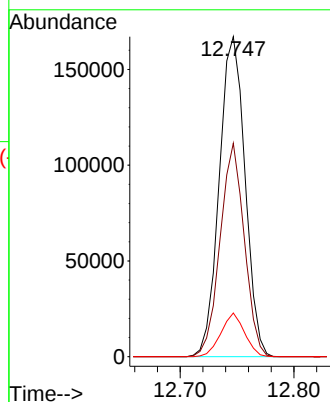
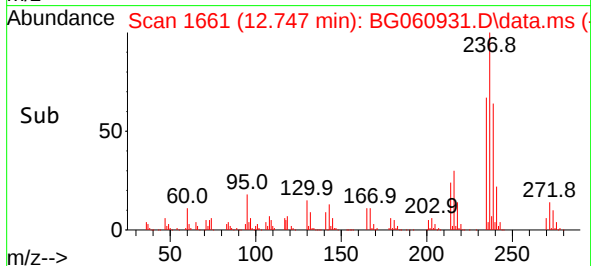


Tgt Ion:237 Resp: 263035
Ion Ratio Lower Upper
237 100
235 66.7 41.8 81.8
272 13.7 0.0 32.2

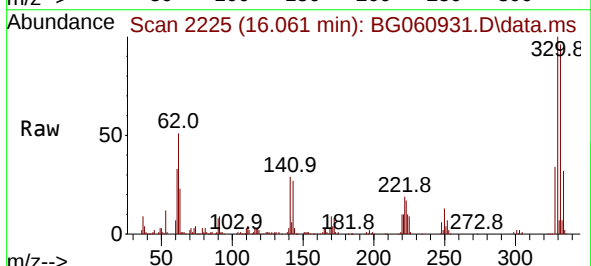
Manual Integrations

APPROVED

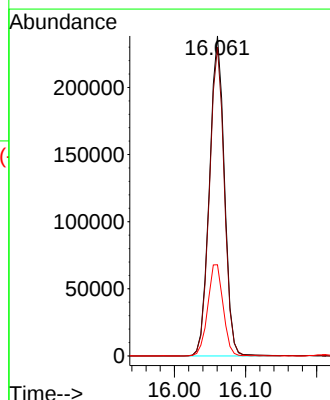
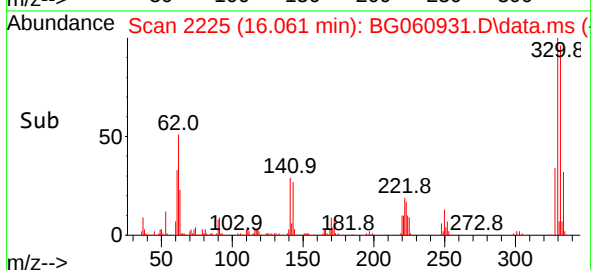
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

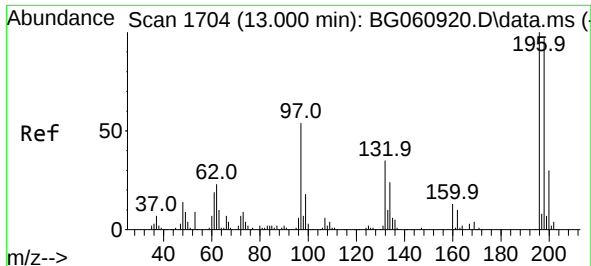


#42
2,4,6-Tribromophenol
Concen: 134.213 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01



Tgt Ion:330 Resp: 349100
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 29.4 23.7 35.5





#43
2,4,6-Trichlorophenol
Concen: 47.156 ng
RT: 12.999 min Scan# 1716
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

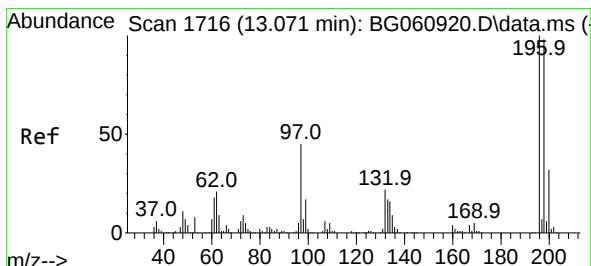
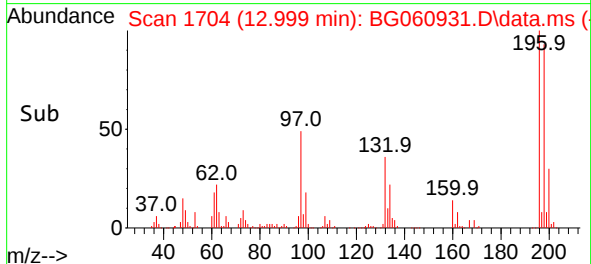
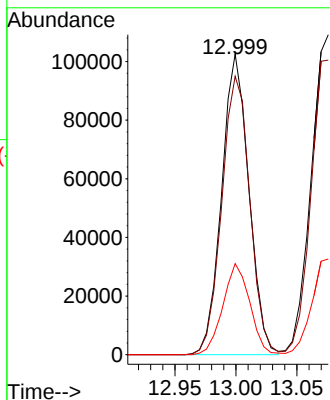
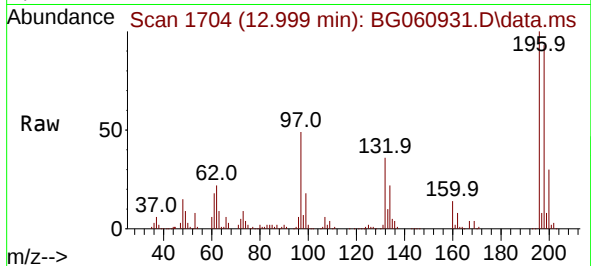
ClientSampleId :

PB160120BS

Tgt Ion:196 Resp: 159320
Ion Ratio Lower Upper
196 100
198 92.6 77.9 116.9
200 30.3 24.3 36.5

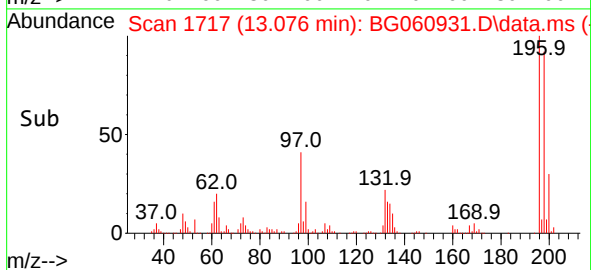
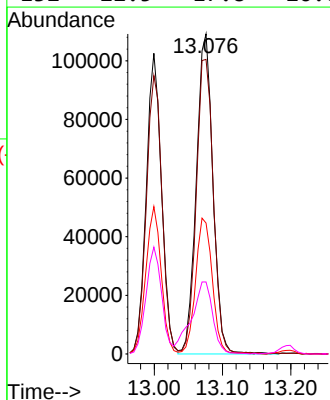
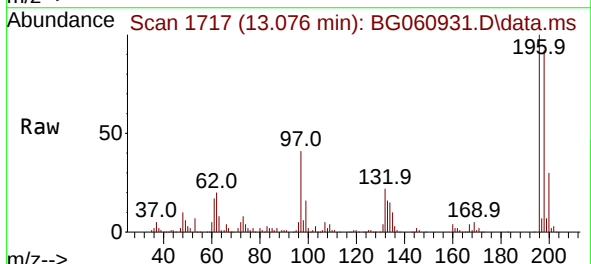
Manual Integrations
APPROVED

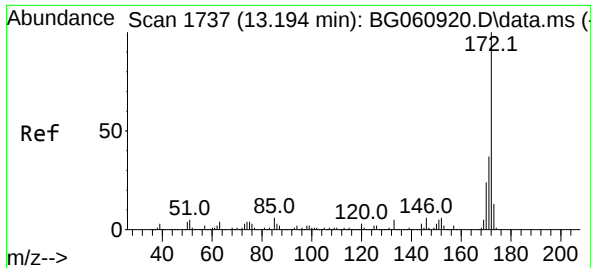
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#44
2,4,5-Trichlorophenol
Concen: 45.439 ng
RT: 13.076 min Scan# 1717
Delta R.T. 0.005 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion:196 Resp: 185137
Ion Ratio Lower Upper
196 100
198 92.0 78.2 117.4
97 40.9 35.9 53.9
132 22.5 17.8 26.6





#45
2-Fluorobiphenyl
Concen: 87.018 ng
RT: 13.193 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

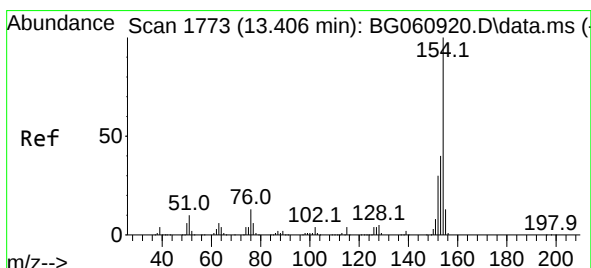
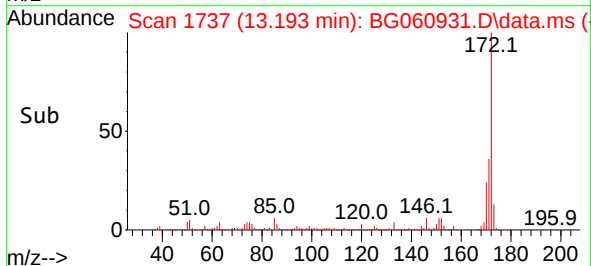
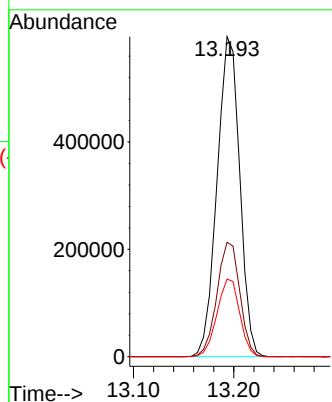
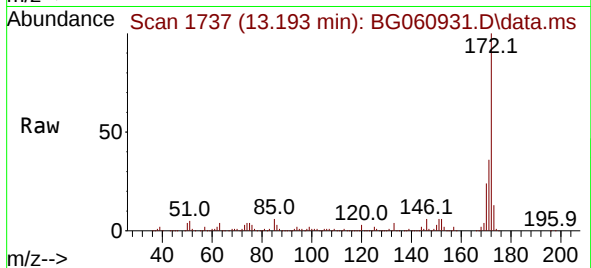
PB160120BS

Tgt Ion:172 Resp: 93364
Ion Ratio Lower Upper
172 100
171 35.7 29.3 43.9
170 24.3 19.5 29.3

Manual Integrations

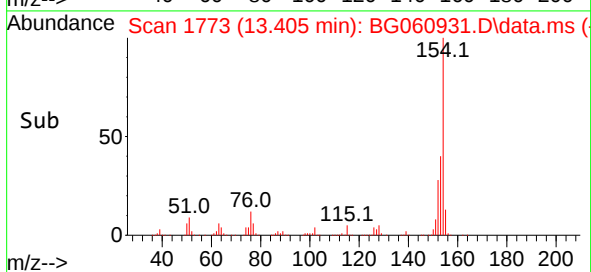
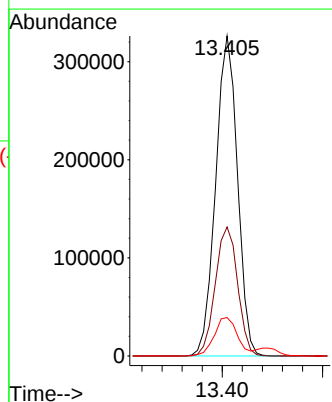
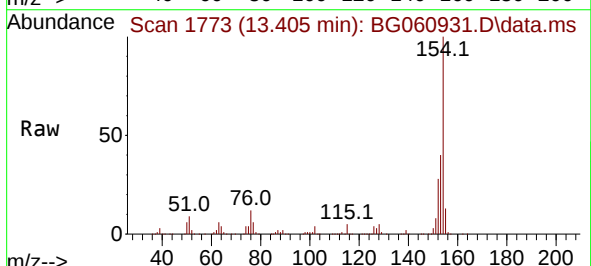
APPROVED

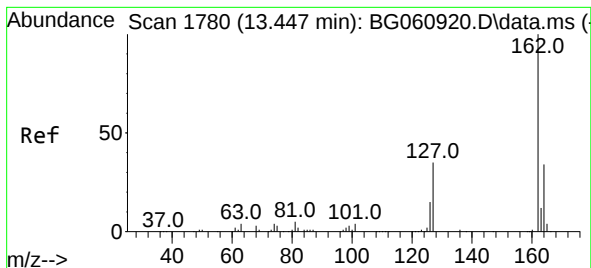
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#46
1,1'-Biphenyl
Concen: 45.882 ng
RT: 13.405 min Scan# 1773
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion:154 Resp: 491194
Ion Ratio Lower Upper
154 100
153 40.3 19.9 59.9
76 12.0 0.0 32.7





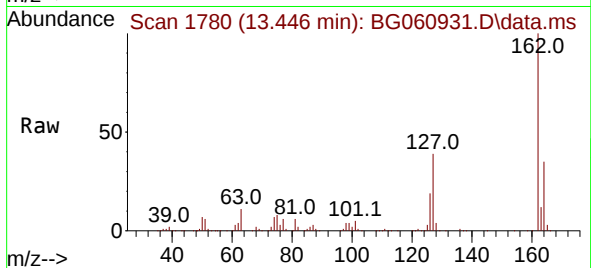
#47
2-Chloronaphthalene
Concen: 47.785 ng
RT: 13.446 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

PB160120BS



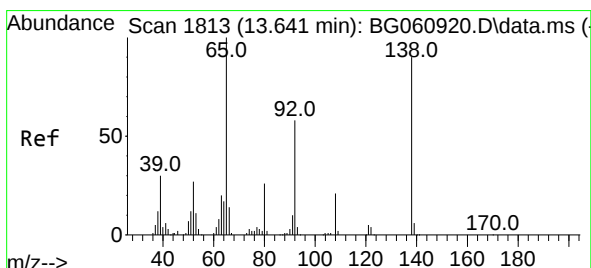
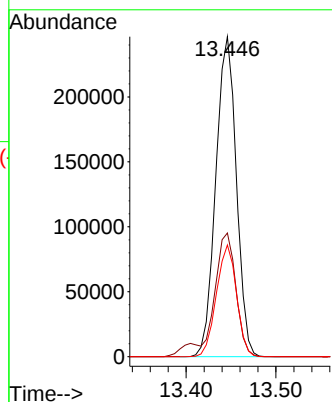
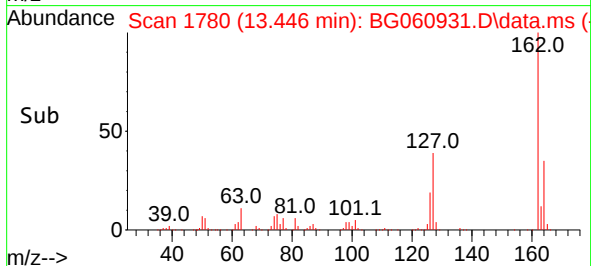
Tgt Ion:162 Resp: 391539
Ion Ratio Lower Upper
162 100
127 38.6 31.0 46.6
164 34.9 27.2 40.8

Manual Integrations

APPROVED

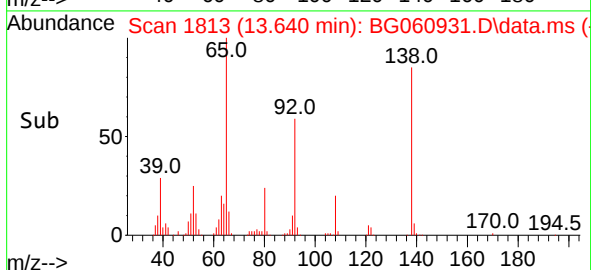
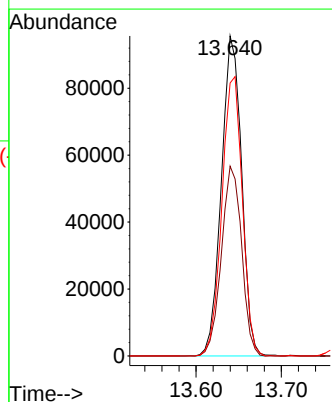
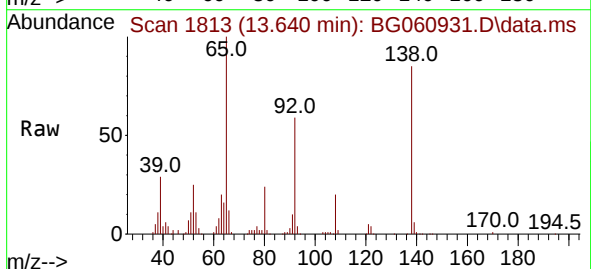
Reviewed By :Yogesh Patel 04/22/2024

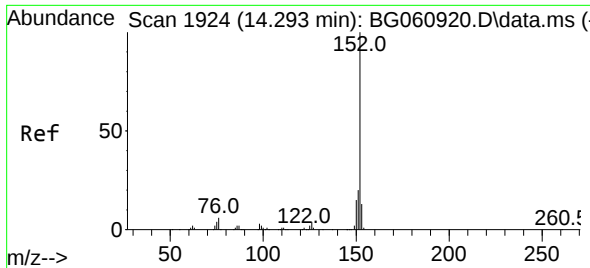
Supervised By :mohammad ahmed 04/22/2024



#48
2-Nitroaniline
Concen: 46.769 ng
RT: 13.640 min Scan# 1813
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion: 65 Resp: 157252
Ion Ratio Lower Upper
65 100
92 59.3 46.5 69.7
138 85.3 71.8 107.8





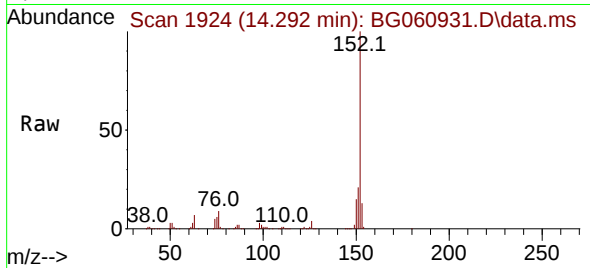
#49
Acenaphthylene
Concen: 48.046 ng
RT: 14.292 min Scan# 1924
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

PB160120BS

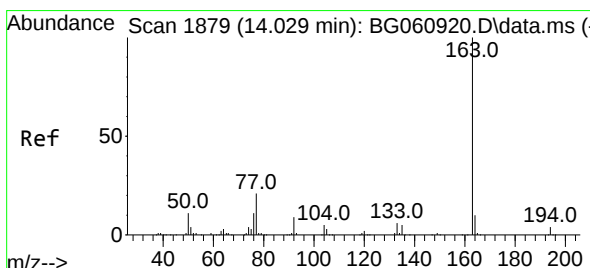
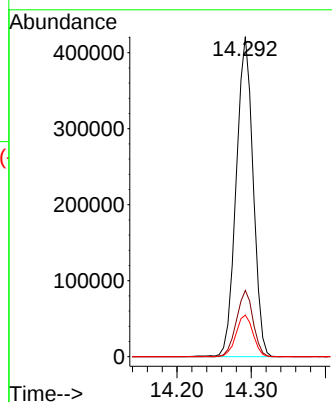
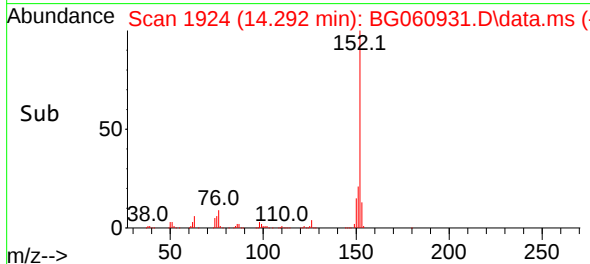


Tgt Ion:152 Resp: 66568
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.0 10.4 15.6

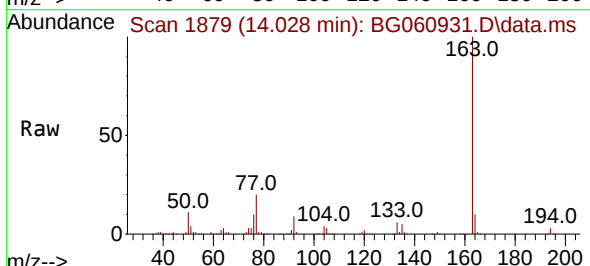
Manual Integrations

APPROVED

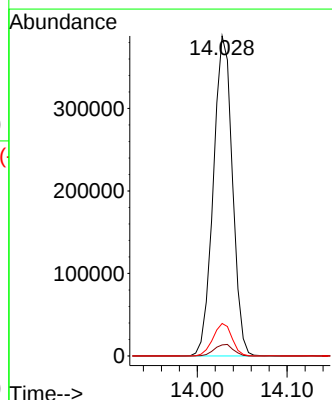
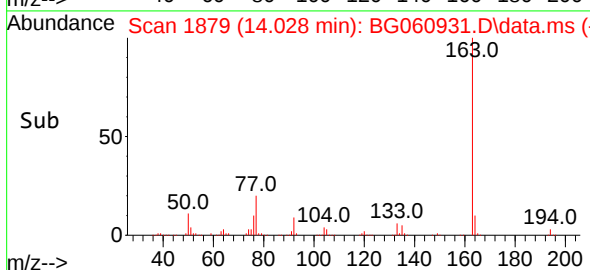
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

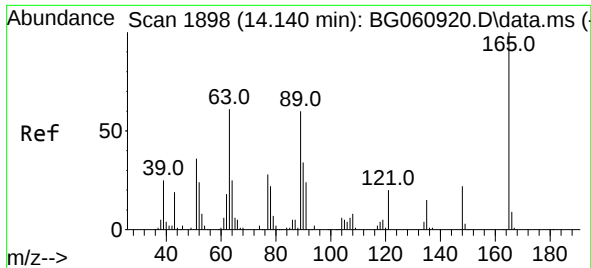


#50
Dimethylphthalate
Concen: 45.743 ng
RT: 14.028 min Scan# 1879
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01



Tgt Ion:163 Resp: 571518
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 47.757 ng
RT: 14.139 min Scan# 1898
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

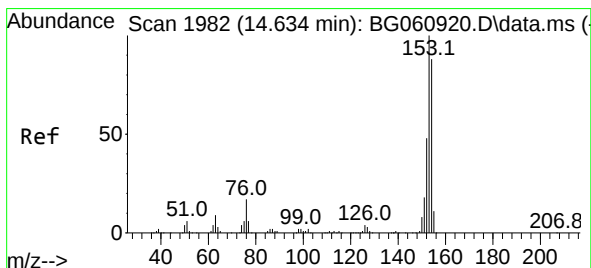
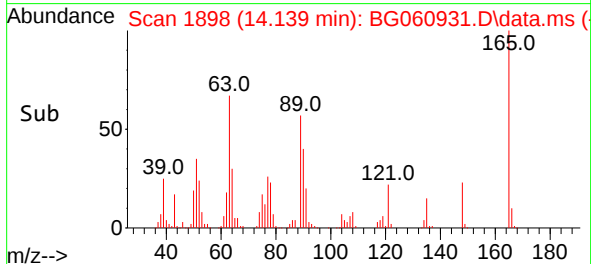
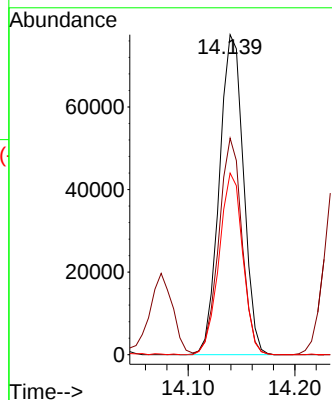
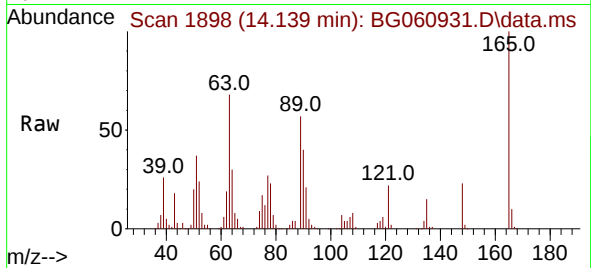
PB160120BS

Tgt Ion:165 Resp: 12161
Ion Ratio Lower Upper
165 100
63 67.6 53.8 80.8
89 56.8 48.2 72.4

Manual Integrations

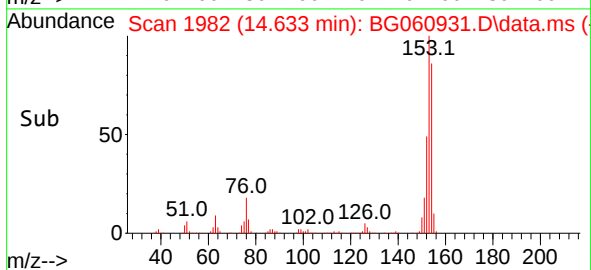
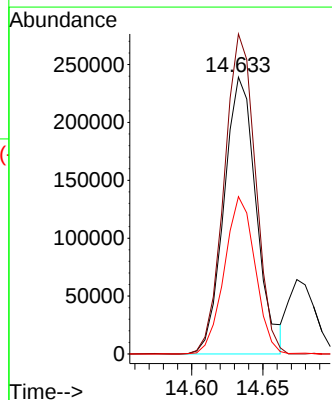
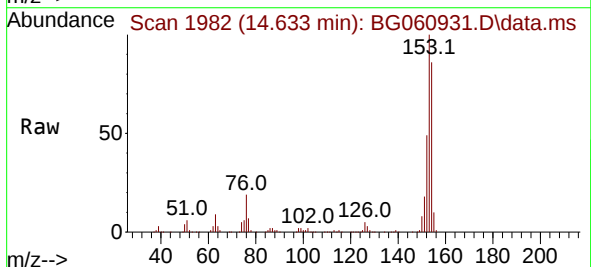
APPROVED

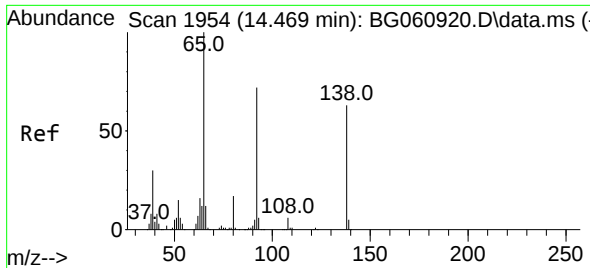
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#52
Acenaphthene
Concen: 44.996 ng
RT: 14.633 min Scan# 1982
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

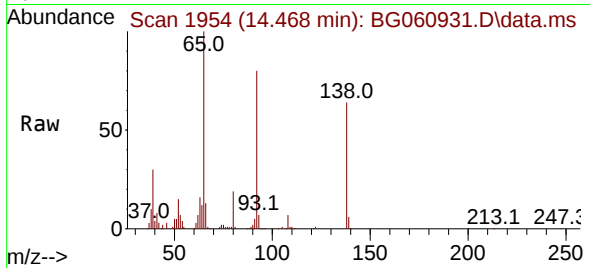
Tgt Ion:154 Resp: 378099
Ion Ratio Lower Upper
154 100
153 115.6 91.4 137.0
152 56.8 44.1 66.1





#53
3-Nitroaniline
Concen: 28.604 ng
RT: 14.468 min Scan# 1954
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

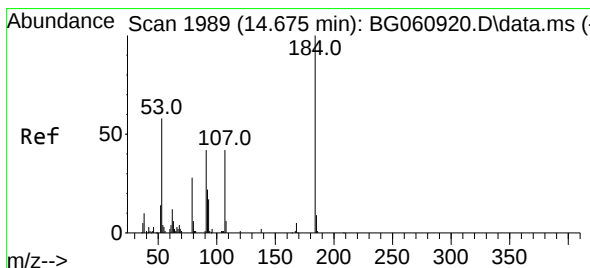
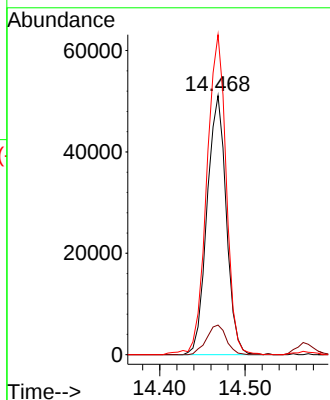
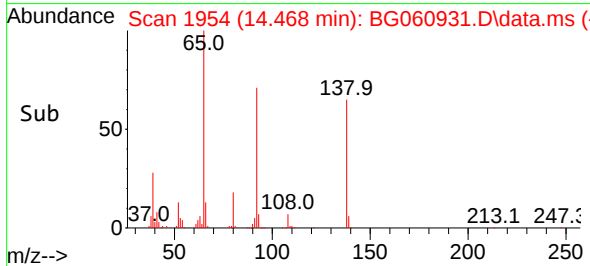
Instrument :
BNA_G
ClientSampleId :
PB160120BS



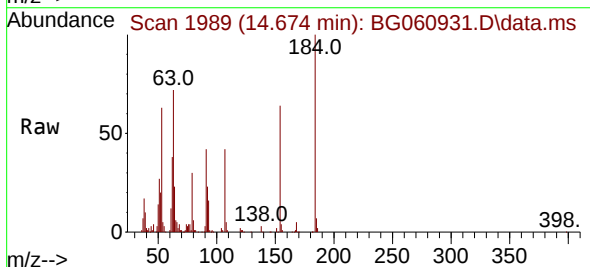
Tgt Ion:138 Resp: 79958
Ion Ratio Lower Upper
138 100
108 11.4 7.5 11.3
92 123.5 92.5 138.7

Manual Integrations
APPROVED

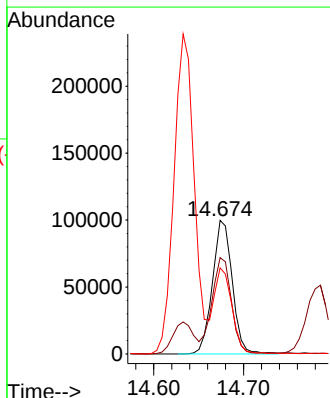
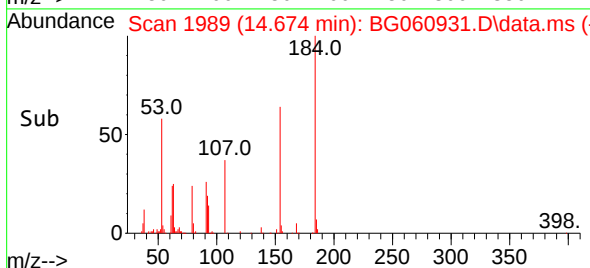
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

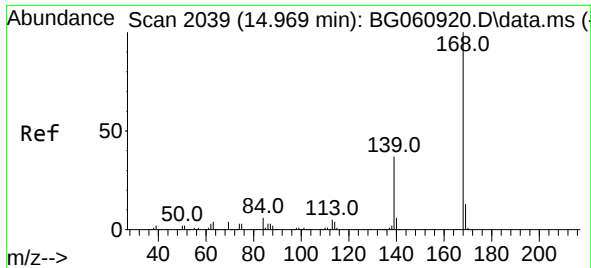


#54
2,4-Dinitrophenol
Concen: 93.117 ng
RT: 14.674 min Scan# 1989
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01



Tgt Ion:184 Resp: 153040
Ion Ratio Lower Upper
184 100
63 72.2 52.0 78.0
154 64.4 50.7 76.1





#55
Dibenzenofuran
Concen: 44.769 ng
RT: 14.968 min Scan# 2039
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

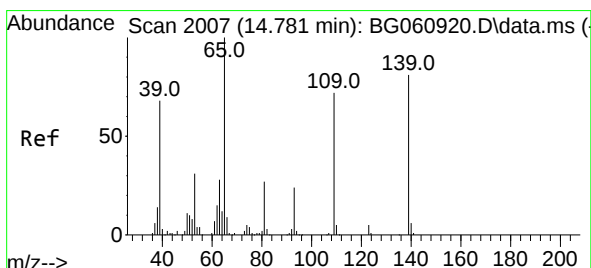
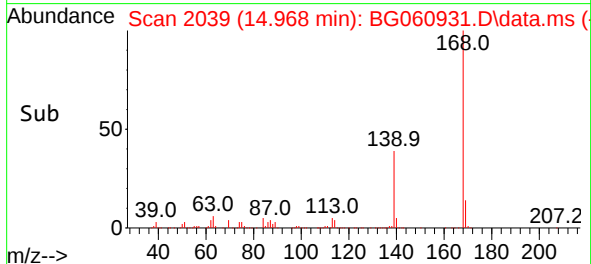
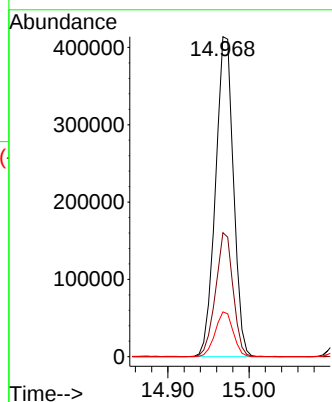
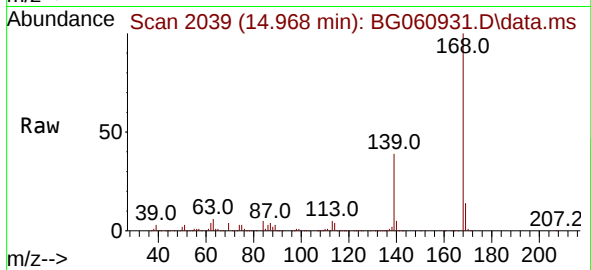
ClientSampleId :

PB160120BS

Tgt Ion:168 Resp: 63548
Ion Ratio Lower Upper
168 100
139 38.8 29.9 44.9
169 14.0 10.6 16.0

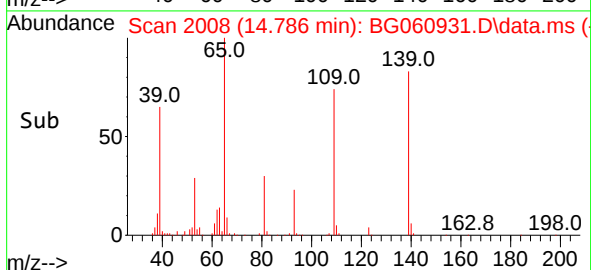
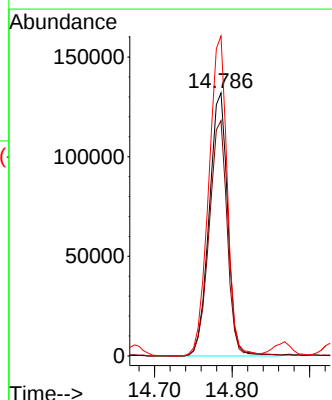
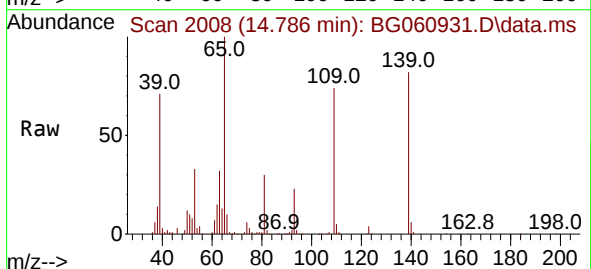
Manual Integrations
APPROVED

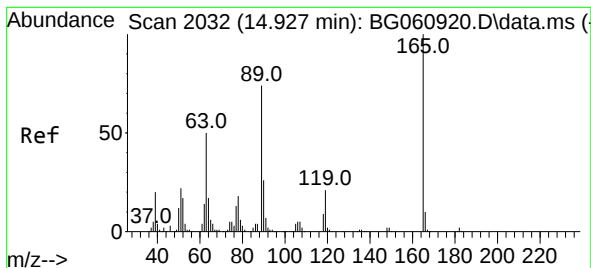
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#56
4-Nitrophenol
Concen: 102.134 ng
RT: 14.786 min Scan# 2008
Delta R.T. 0.005 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion:139 Resp: 218592
Ion Ratio Lower Upper
139 100
109 89.5 69.7 109.7
65 121.6 103.7 143.7





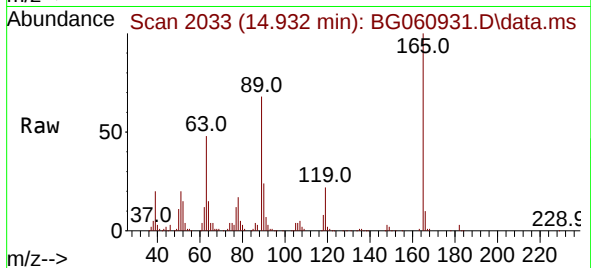
#57
2,4-Dinitrotoluene
Concen: 50.132 ng
RT: 14.932 min Scan# 2033
Delta R.T. 0.005 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

PB160120BS

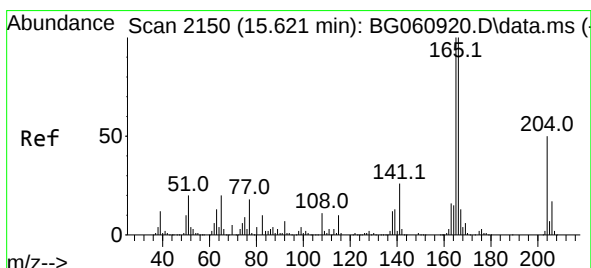
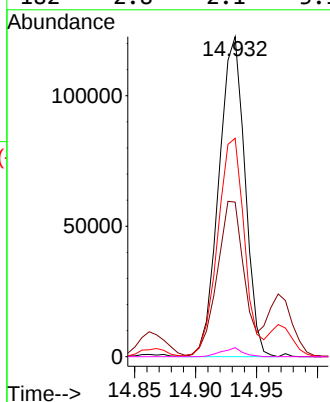
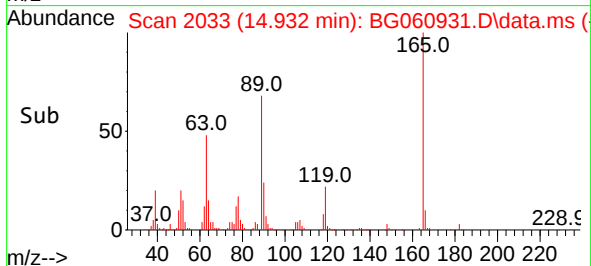


Tgt Ion:165 Resp: 182425
Ion Ratio Lower Upper
165 100
63 48.3 40.2 60.2
89 68.2 59.0 88.4
182 2.8 2.1 3.1

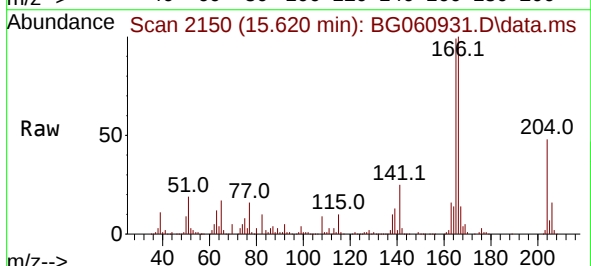
Manual Integrations

APPROVED

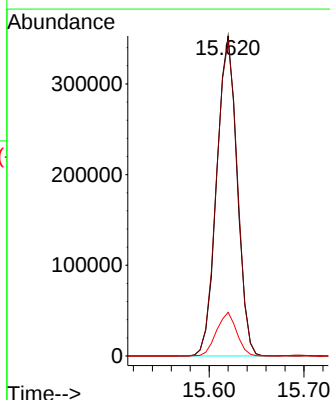
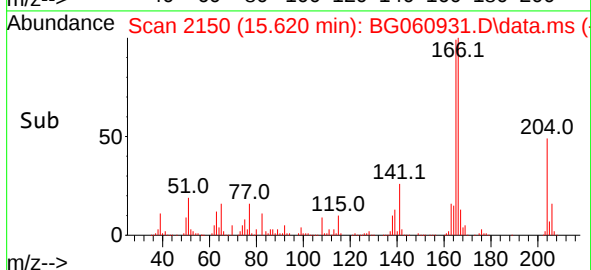
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

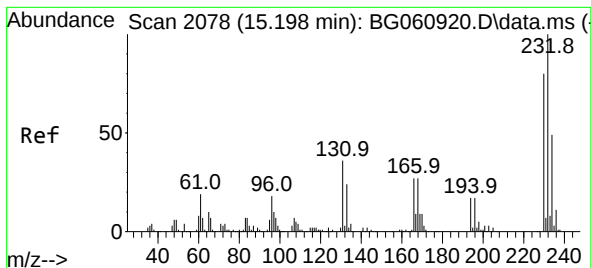


#58
Fluorene
Concen: 44.758 ng
RT: 15.620 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01



Tgt Ion:166 Resp: 526984
Ion Ratio Lower Upper
166 100
165 98.6 80.2 120.4
167 13.6 10.4 15.6





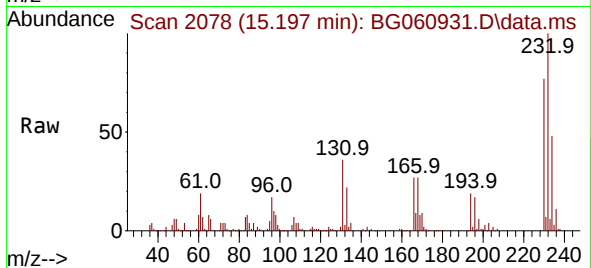
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.521 ng
RT: 15.197 min Scan# 2078
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

PB160120BS



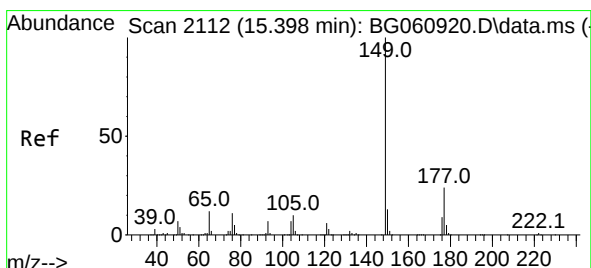
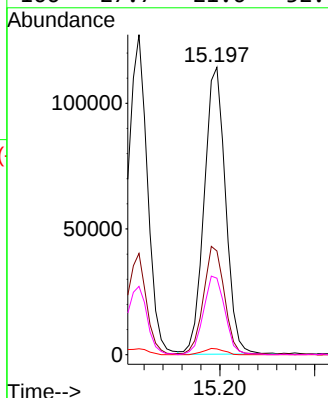
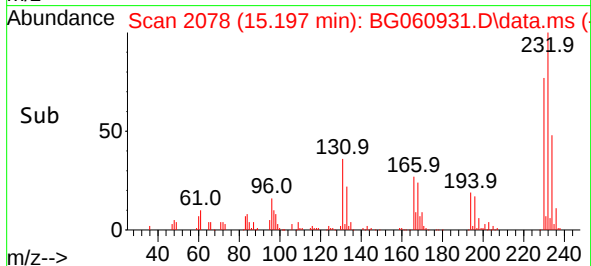
Tgt Ion:232 Resp: 177870
Ion Ratio Lower Upper
232 100
131 37.7 29.8 44.8
130 2.1 1.8 2.8
166 27.7 21.6 32.4

Manual Integrations

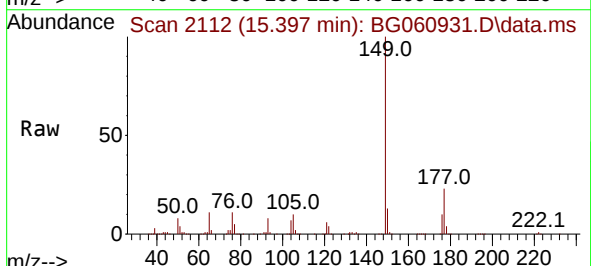
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

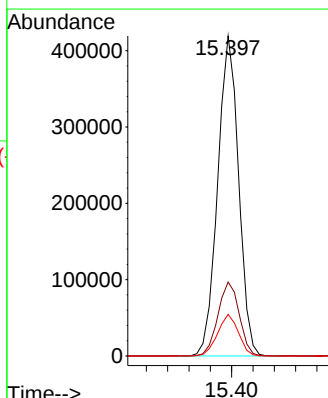
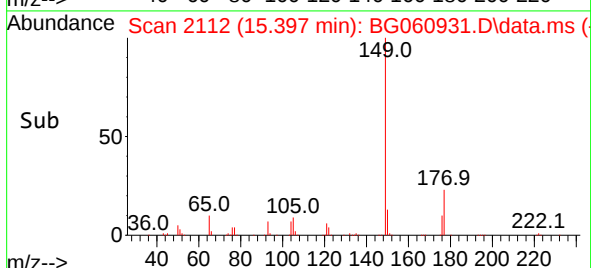
Supervised By :mohammad ahmed 04/22/2024

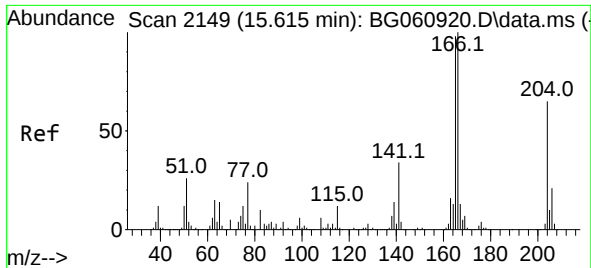


#60
Diethylphthalate
Concen: 45.499 ng
RT: 15.397 min Scan# 2112
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01



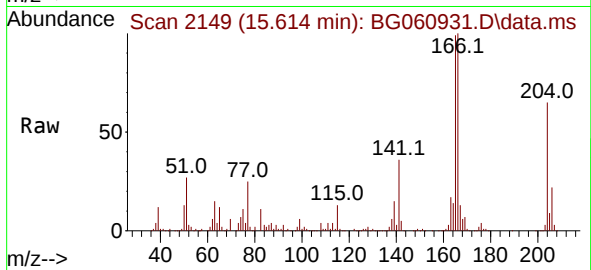
Tgt Ion:149 Resp: 569392
Ion Ratio Lower Upper
149 100
177 23.1 19.0 28.4
150 13.0 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 43.604 ng
RT: 15.614 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

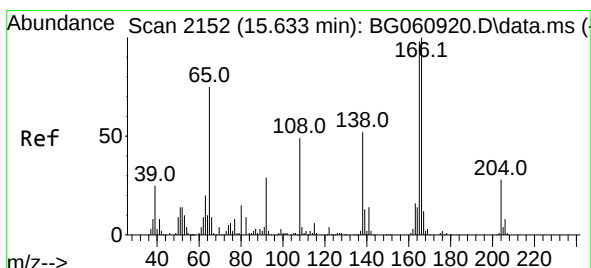
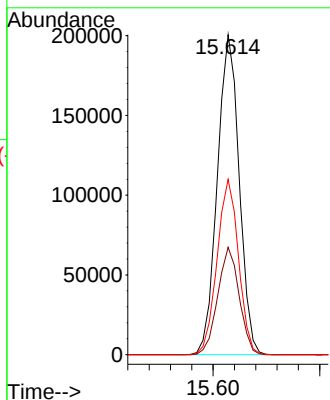
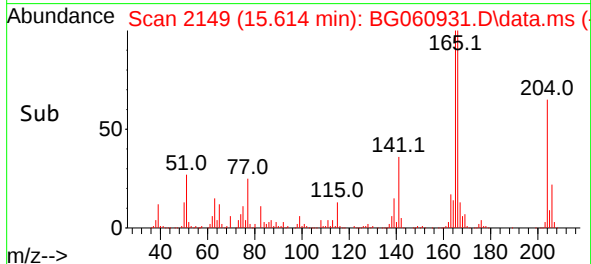
Instrument :
BNA_G
ClientSampleId :
PB160120BS



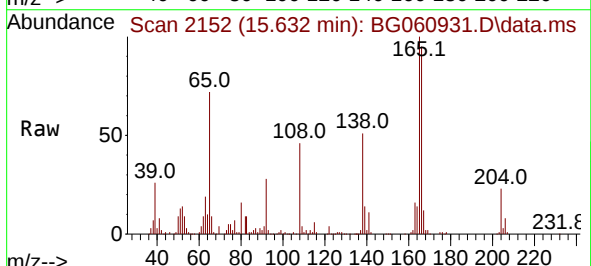
Tgt Ion:204 Resp: 28459
Ion Ratio Lower Upper
204 100
206 33.6 25.4 38.0
141 54.8 42.0 63.0

Manual Integrations
APPROVED

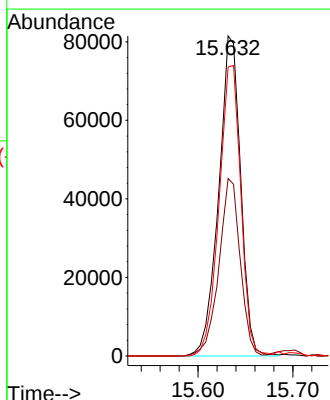
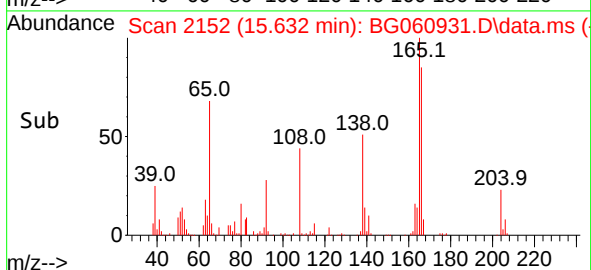
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

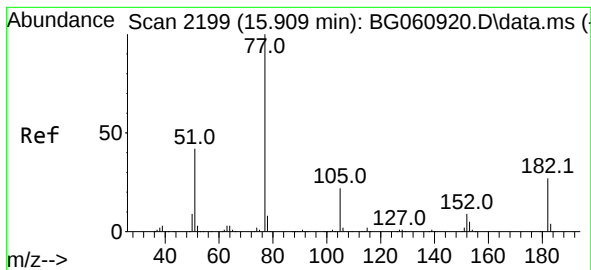


#62
4-Nitroaniline
Concen: 43.649 ng
RT: 15.632 min Scan# 2152
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01



Tgt Ion:138 Resp: 131194
Ion Ratio Lower Upper
138 100
92 55.4 34.8 74.8
108 90.3 73.9 113.9





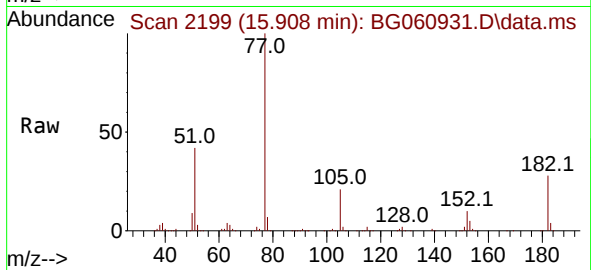
#63
Azobenzene
Concen: 45.725 ng
RT: 15.908 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

PB160120BS

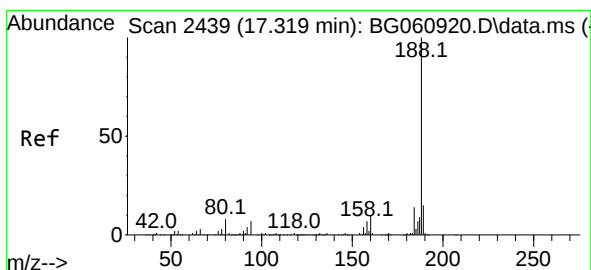
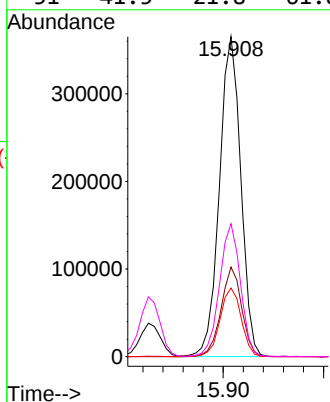
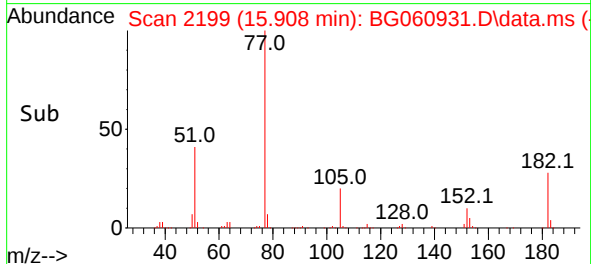


Tgt Ion: 77 Resp: 539314
Ion Ratio Lower Upper
77 100
182 28.0 6.8 46.8
105 21.4 1.7 41.7
51 41.5 21.8 61.8

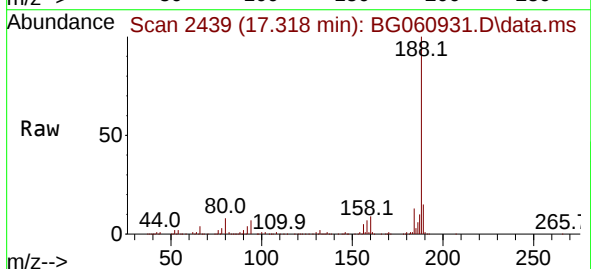
Manual Integrations

APPROVED

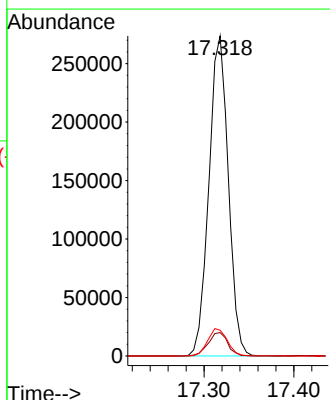
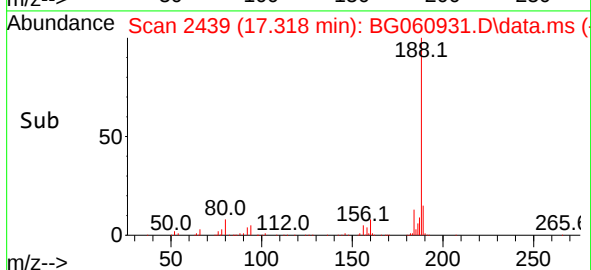
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

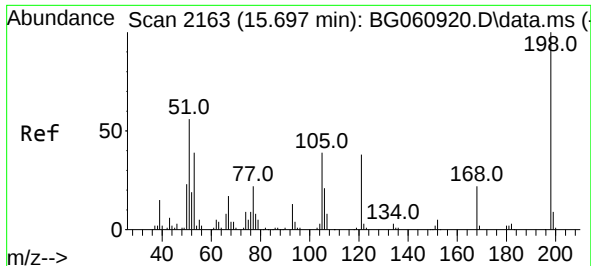


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01



Tgt Ion:188 Resp: 410667
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 8.1 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 49.297 ng
RT: 15.696 min Scan# 2163
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

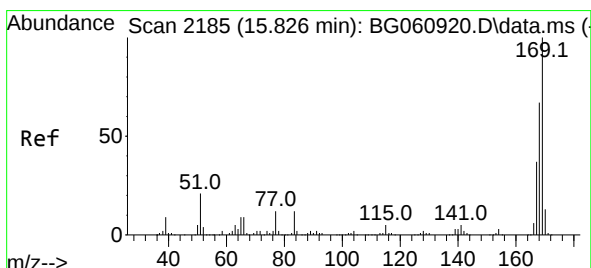
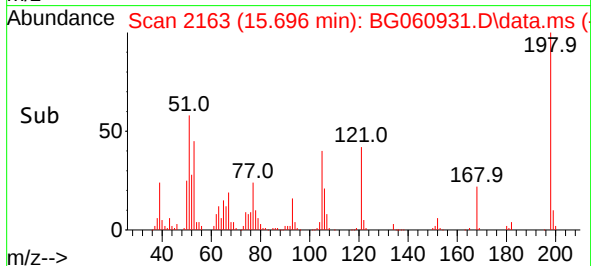
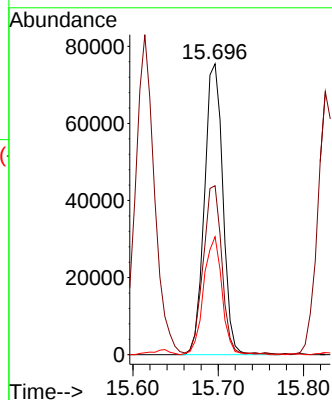
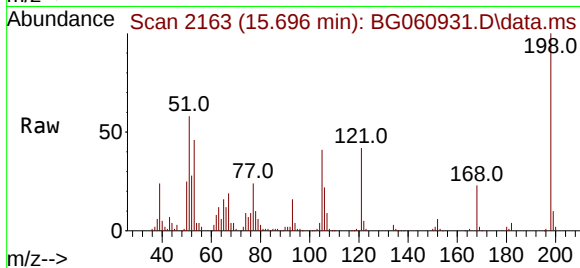
PB160120BS

Tgt Ion:198 Resp: 112940
Ion Ratio Lower Upper
198 100
51 58.1 38.2 78.2
105 40.6 19.7 59.7

Manual Integrations

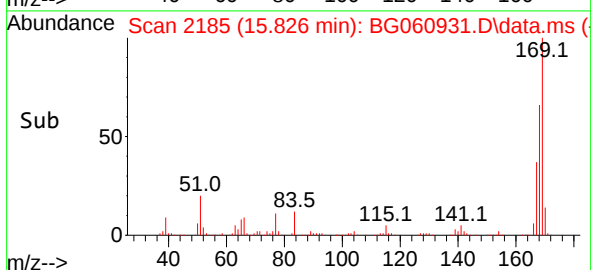
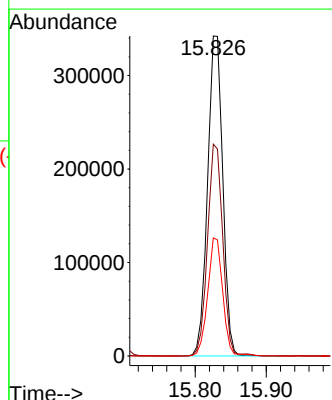
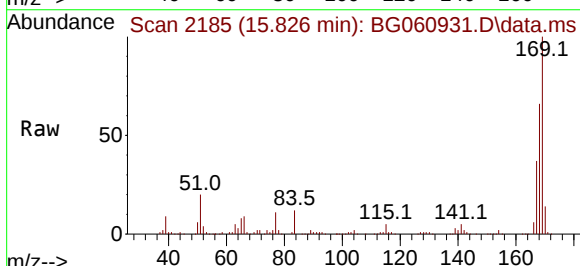
APPROVED

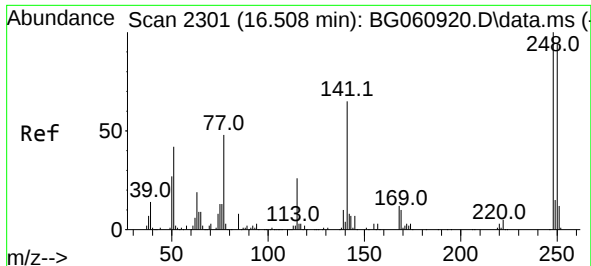
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#66
n-Nitrosodiphenylamine
Concen: 45.100 ng
RT: 15.826 min Scan# 2185
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion:169 Resp: 508428
Ion Ratio Lower Upper
169 100
168 66.2 53.7 80.5
167 36.9 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 44.670 ng
RT: 16.507 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

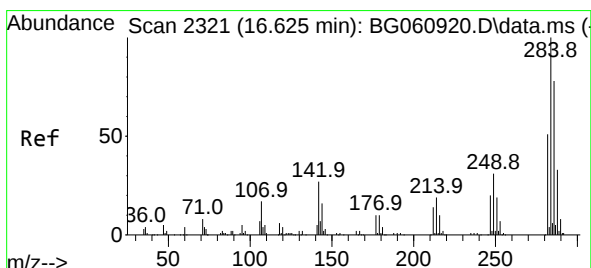
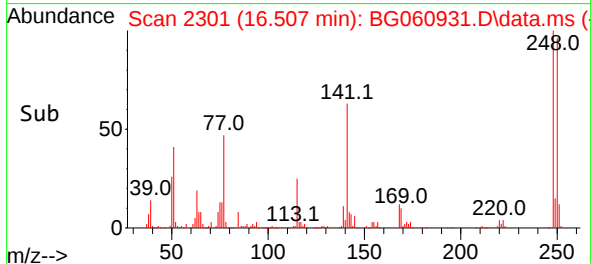
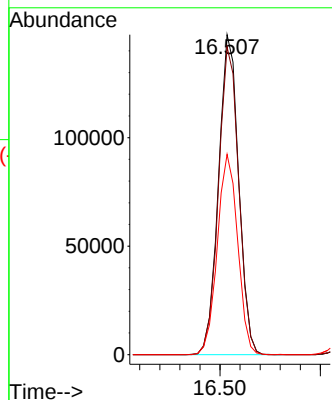
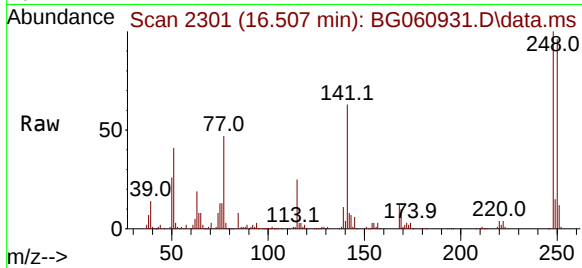
ClientSampleId :

PB160120BS

Tgt Ion:248 Resp: 20550
Ion Ratio Lower Upper
248 100
250 96.1 75.4 113.2
141 62.6 52.2 78.2

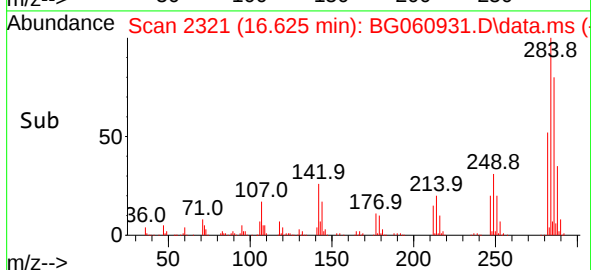
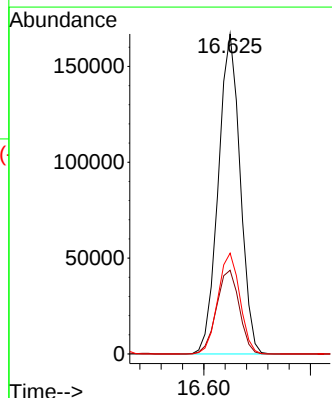
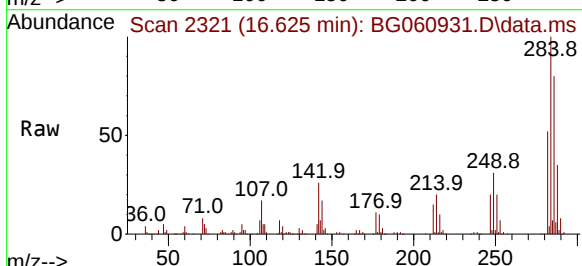
Manual Integrations
APPROVED

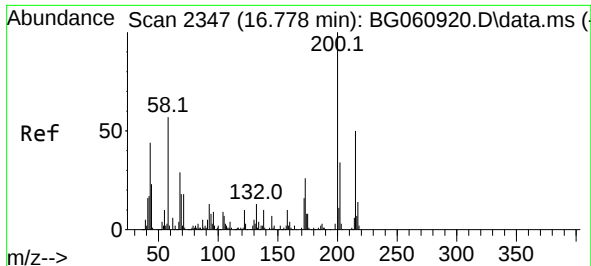
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#68
Hexachlorobenzene
Concen: 47.383 ng
RT: 16.625 min Scan# 2321
Delta R.T. -0.000 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

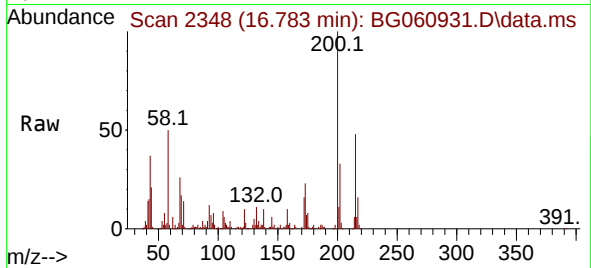
Tgt Ion:284 Resp: 237195
Ion Ratio Lower Upper
284 100
142 26.2 21.2 31.8
249 31.5 24.9 37.3





#69
Atrazine
Concen: 51.679 ng
RT: 16.783 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

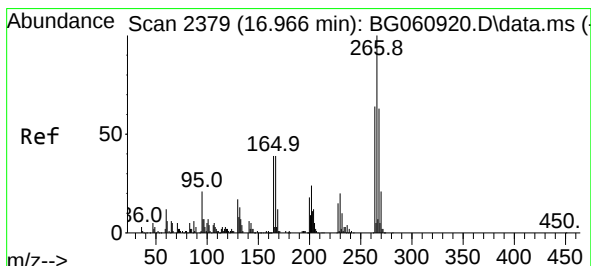
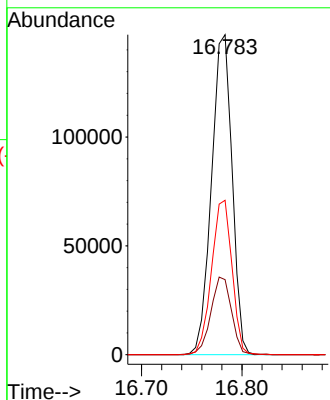
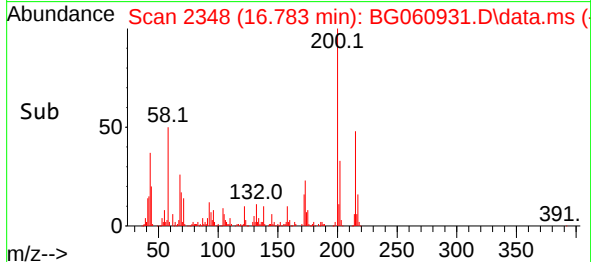
Instrument :
BNA_G
ClientSampleId :
PB160120BS



Tgt Ion:200 Resp: 20938
Ion Ratio Lower Upper
200 100
173 23.5 6.5 46.5
215 48.2 30.4 70.4

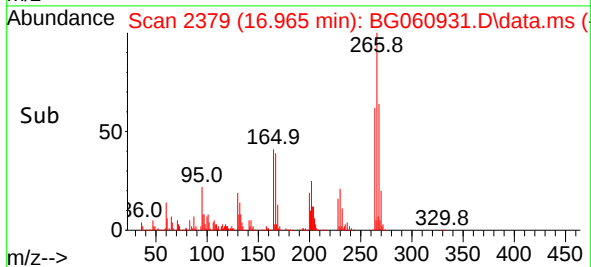
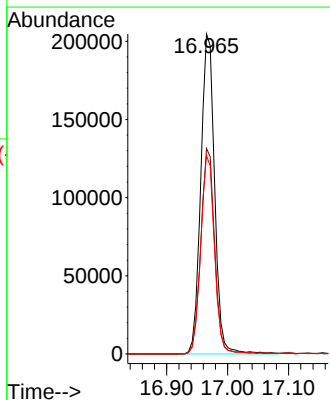
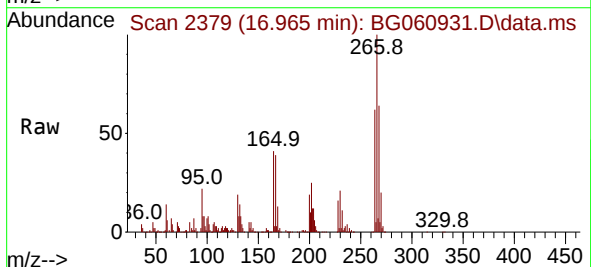
Manual Integrations
APPROVED

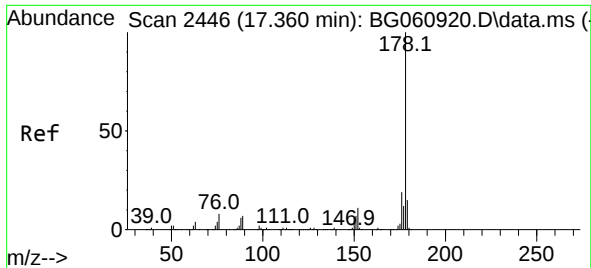
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#70
Pentachlorophenol
Concen: 95.454 ng
RT: 16.965 min Scan# 2379
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion:266 Resp: 323603
Ion Ratio Lower Upper
266 100
268 64.3 50.2 75.2
264 62.0 51.2 76.8





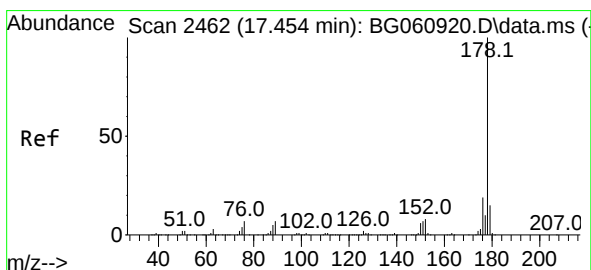
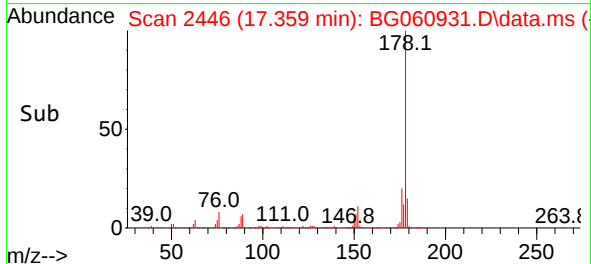
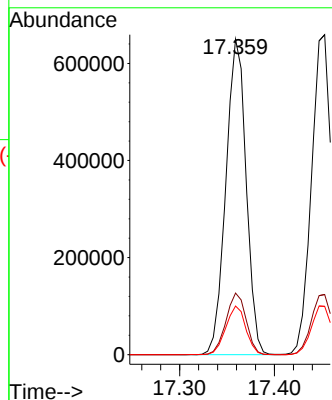
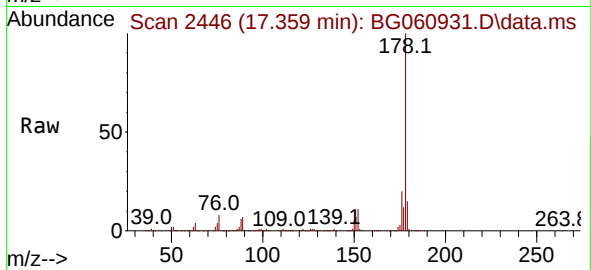
#71
Phenanthrene
Concen: 46.496 ng
RT: 17.359 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :
BNA_G
ClientSampleId :
PB160120BS

Tgt Ion:178 Resp: 96650
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.4 12.0 18.0

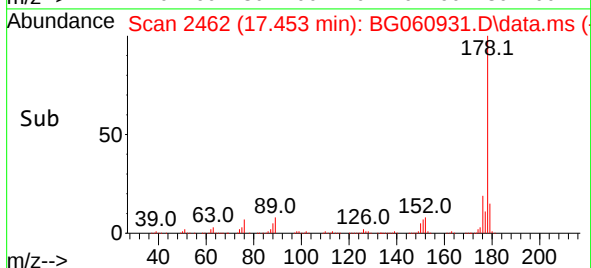
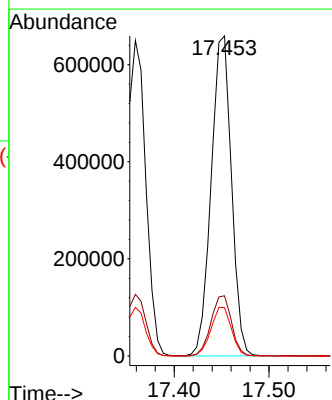
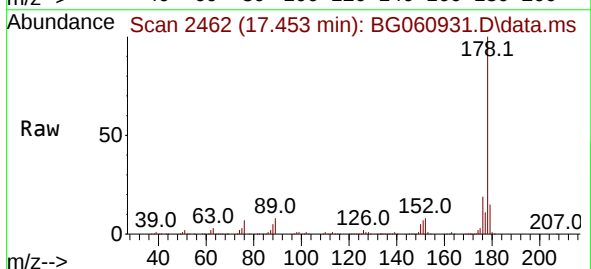
Manual Integrations
APPROVED

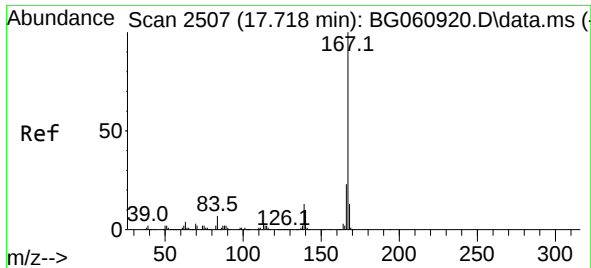
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#72
Anthracene
Concen: 45.949 ng
RT: 17.453 min Scan# 2462
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion:178 Resp: 981101
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.1 11.6 17.4





#73
 Carbazole
 Concen: 46.810 ng
 RT: 17.717 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG060931.D
 Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

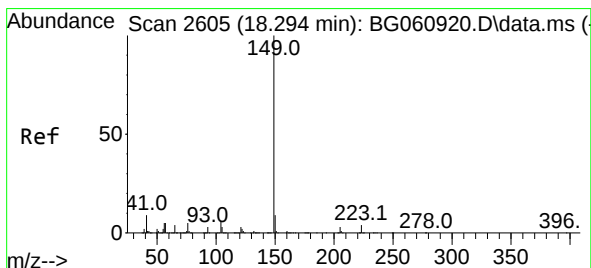
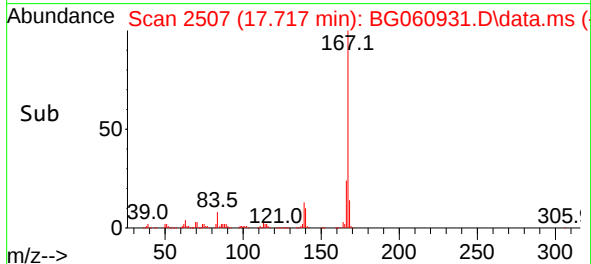
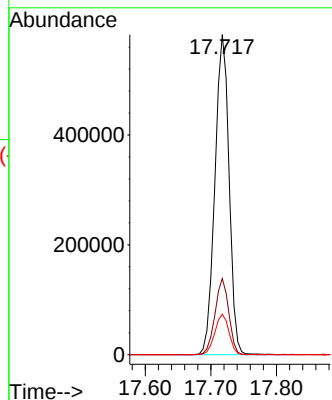
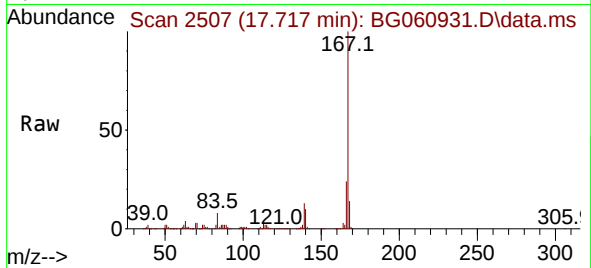
PB160120BS

Tgt Ion:167 Resp: 870809
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.4 27.6
 139 12.7 10.1 15.1

Manual Integrations

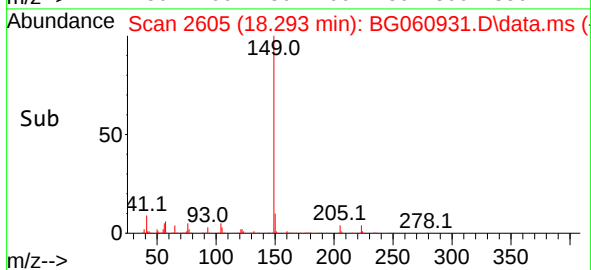
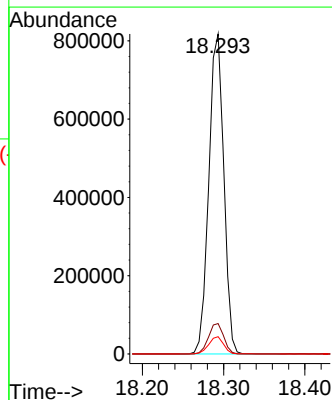
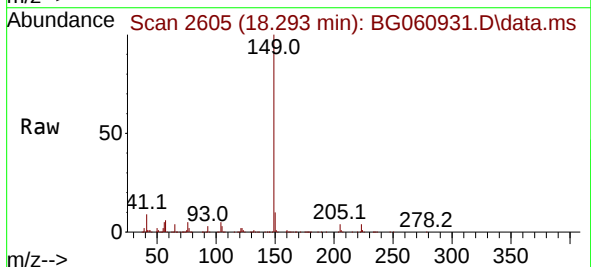
APPROVED

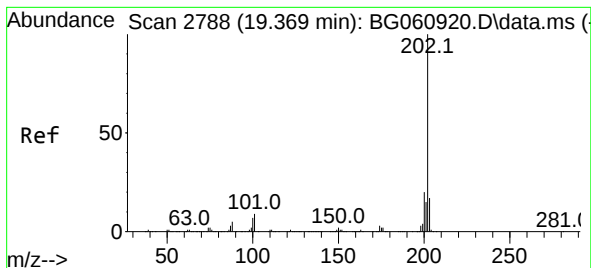
Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024



#74
 Di-n-butylphthalate
 Concen: 46.633 ng
 RT: 18.293 min Scan# 2605
 Delta R.T. -0.001 min
 Lab File: BG060931.D
 Acq: 18 Apr 2024 11:01

Tgt Ion:149 Resp: 1044427
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.4 4.6 6.8





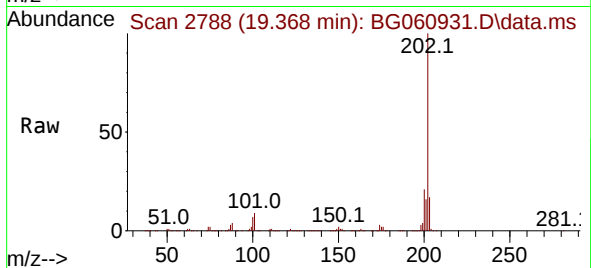
#75
Fluoranthene
Concen: 45.334 ng
RT: 19.368 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

PB160120BS



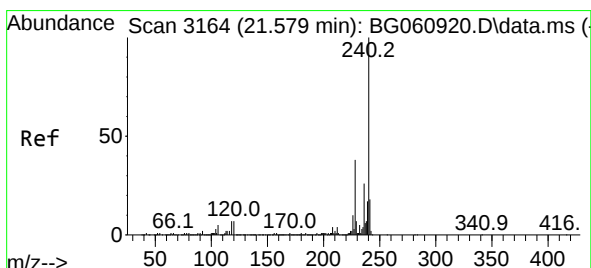
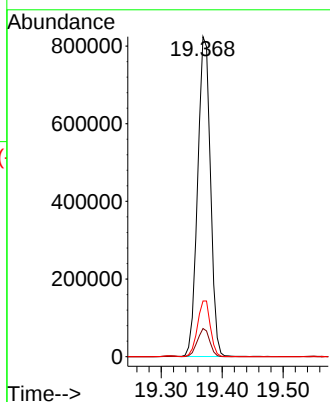
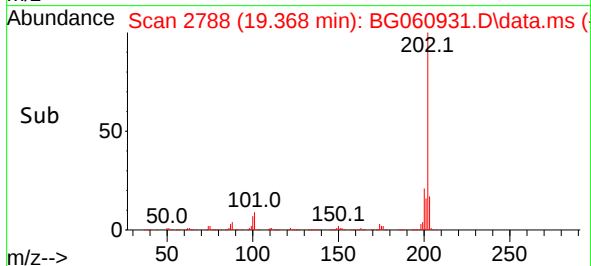
Tgt Ion:202 Resp: 119946
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.6
203 17.4 0.0 37.3

Manual Integrations

APPROVED

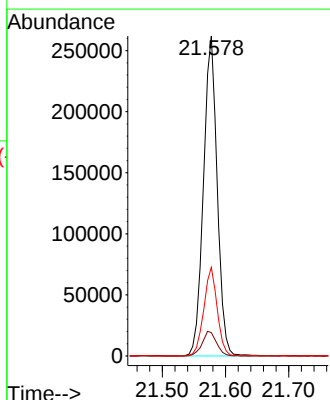
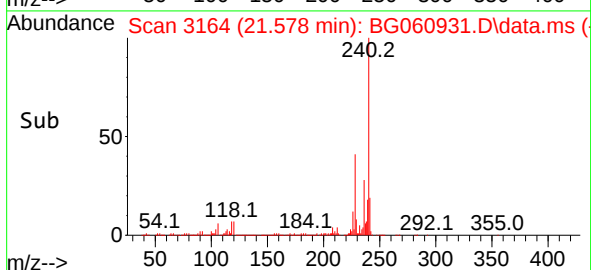
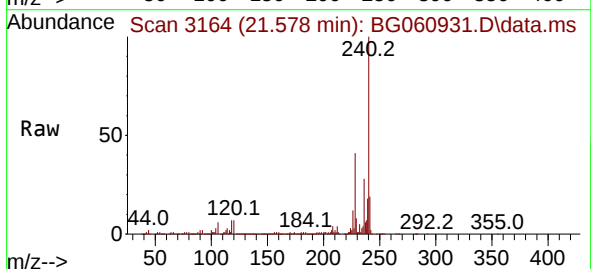
Reviewed By :Yogesh Patel 04/22/2024

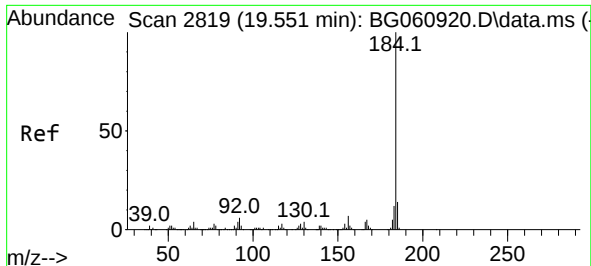
Supervised By :mohammad ahmed 04/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

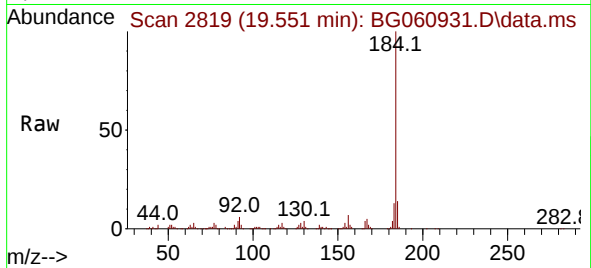
Tgt Ion:240 Resp: 396571
Ion Ratio Lower Upper
240 100
120 7.3 5.7 8.5
236 27.7 21.1 31.7





#77
Benzidine
Concen: 42.509 ng
RT: 19.551 min Scan# 2819
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

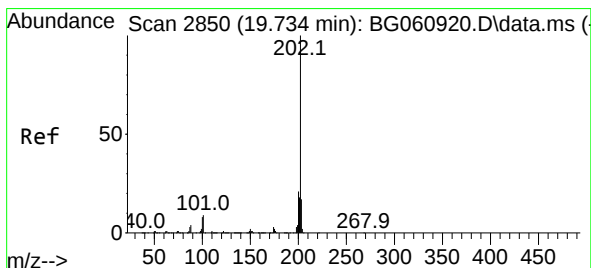
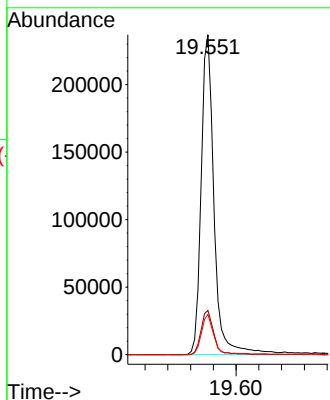
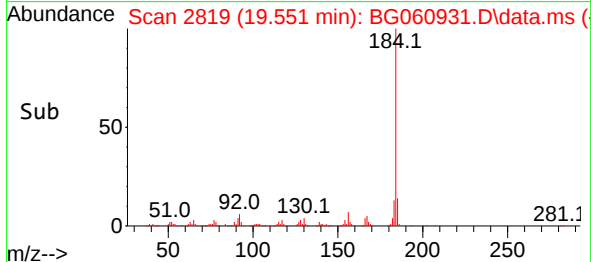
Instrument :
BNA_G
ClientSampleId :
PB160120BS



Tgt Ion:184 Resp: 371840
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.0
183 12.6 9.4 14.2

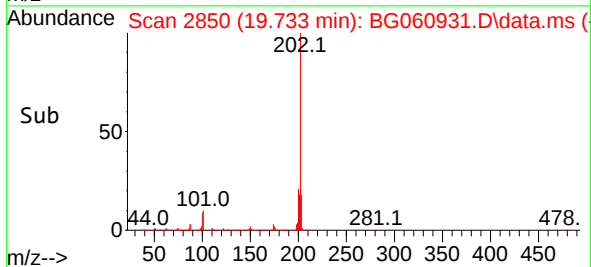
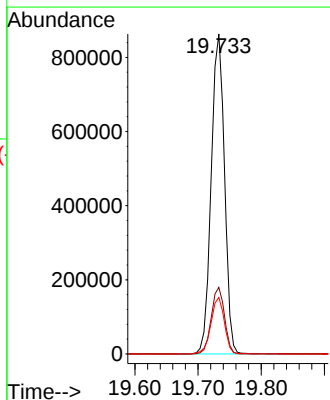
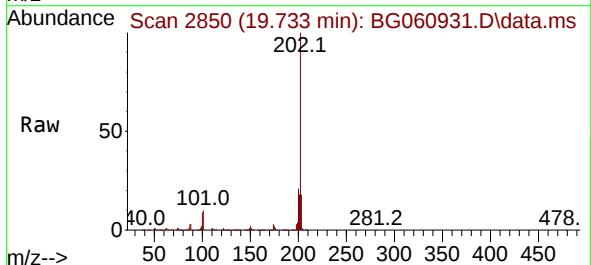
Manual Integrations
APPROVED

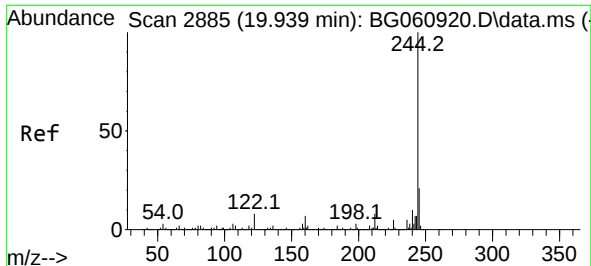
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#78
Pyrene
Concen: 46.318 ng
RT: 19.733 min Scan# 2850
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion:202 Resp: 1260059
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.6 13.8 20.8





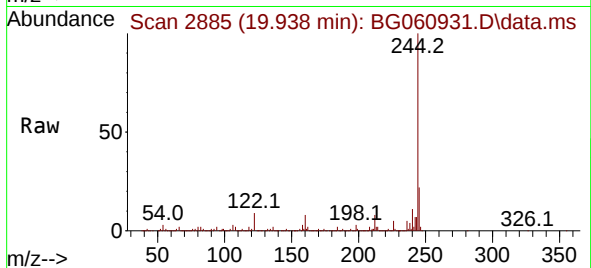
#79
Terphenyl-d14
Concen: 86.886 ng
RT: 19.938 min Scan# 2885
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

PB160120BS

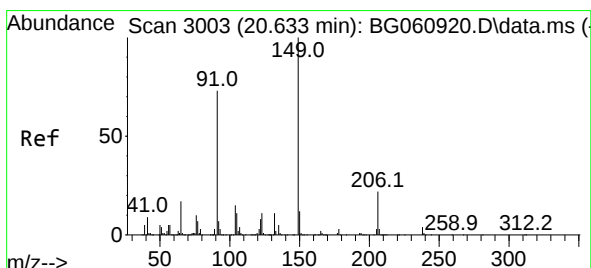
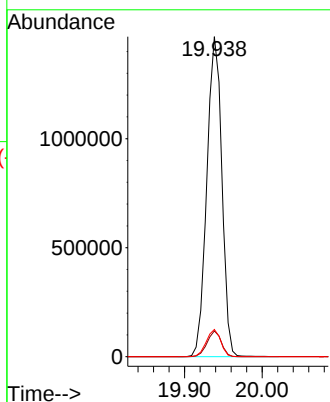
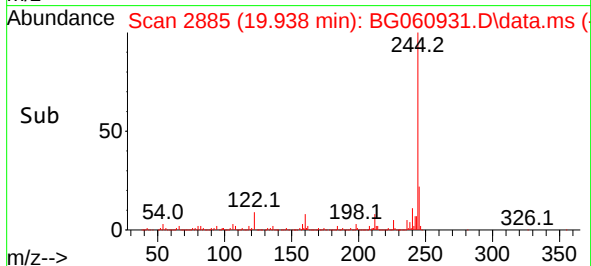


Tgt Ion:244 Resp: 1974320
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.4
122 8.5 6.6 9.8

Manual Integrations

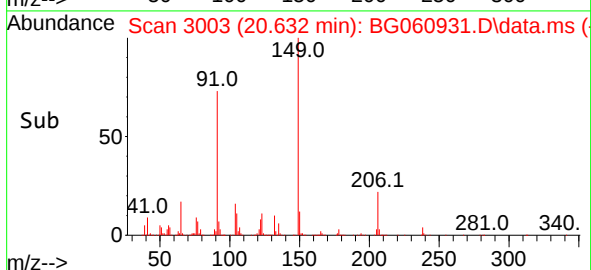
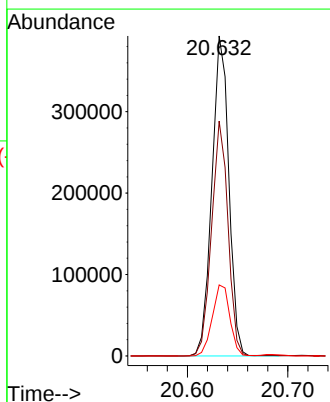
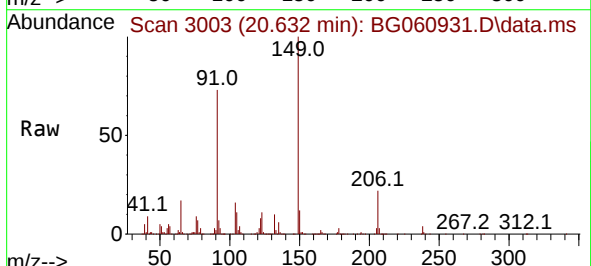
APPROVED

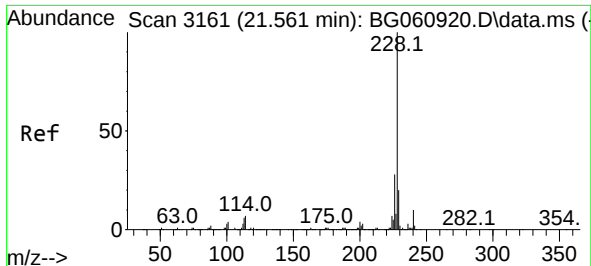
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#80
Butylbenzylphthalate
Concen: 45.960 ng
RT: 20.632 min Scan# 3003
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion:149 Resp: 459233
Ion Ratio Lower Upper
149 100
91 73.4 58.7 88.1
206 22.2 18.0 27.0





#81
Benzo(a)anthracene
Concen: 46.429 ng
RT: 21.554 min Scan# 3160
Delta R.T. -0.007 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

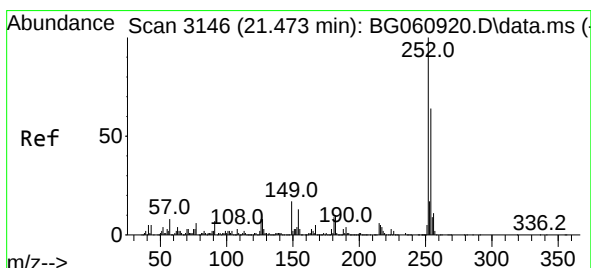
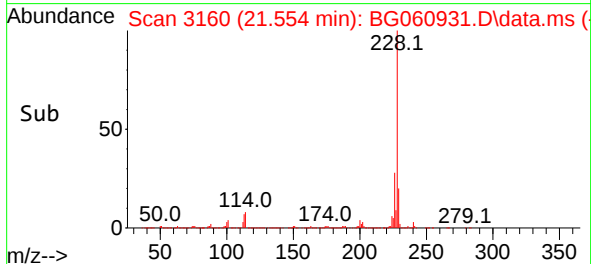
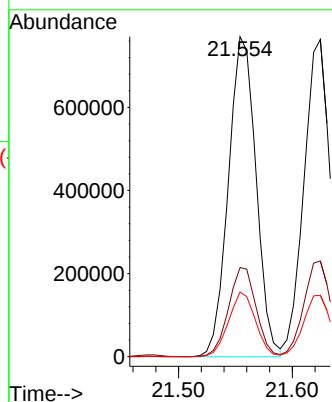
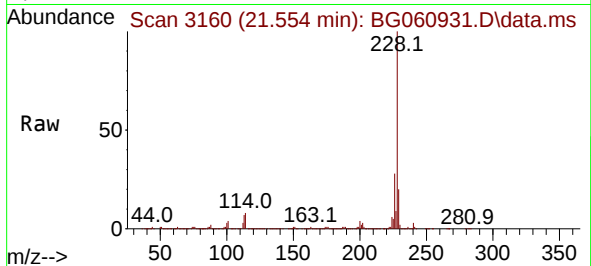
ClientSampleId :

PB160120BS

Tgt Ion:228 Resp: 130019
Ion Ratio Lower Upper
228 100
226 27.9 22.0 33.0
229 20.2 15.6 23.4

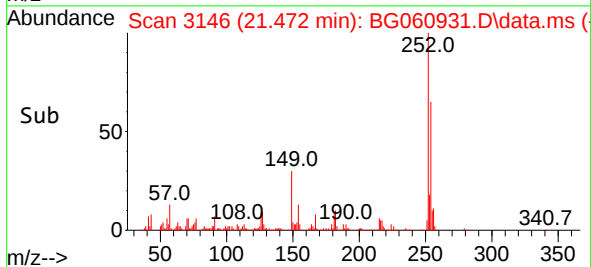
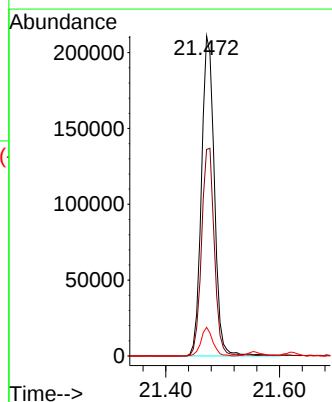
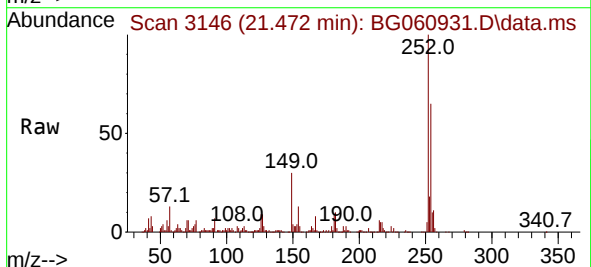
Manual Integrations
APPROVED

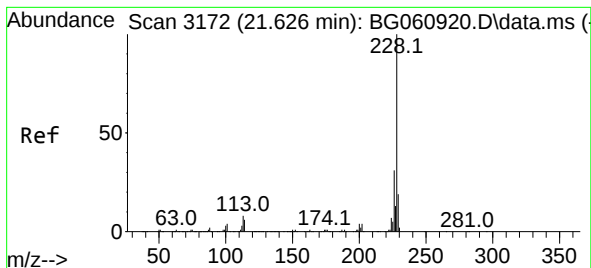
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#82
3,3'-Dichlorobenzidine
Concen: 33.284 ng
RT: 21.472 min Scan# 3146
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion:252 Resp: 331924
Ion Ratio Lower Upper
252 100
254 64.6 51.5 77.3
126 8.9 6.5 9.7





#83

Chrysene

Concen: 45.951 ng

RT: 21.625 min Scan# 3172

Delta R.T. -0.001 min

Lab File: BG060931.D

Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

PB160120BS

Tgt Ion:228 Resp: 1228630

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

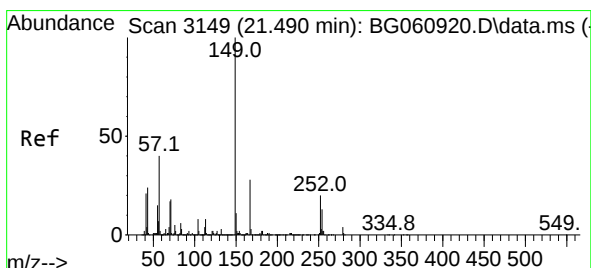
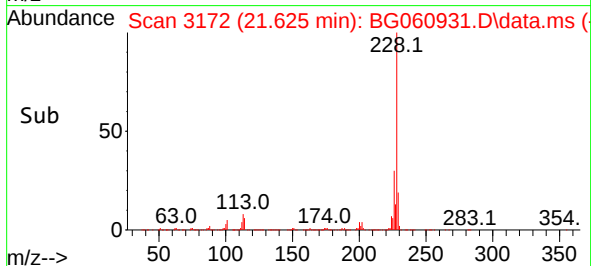
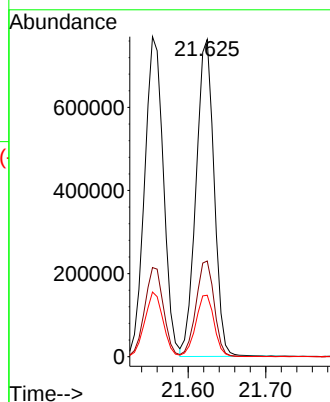
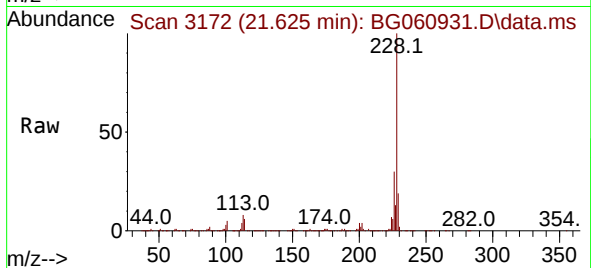
229 19.4 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.776 ng

RT: 21.489 min Scan# 3149

Delta R.T. -0.001 min

Lab File: BG060931.D

Acq: 18 Apr 2024 11:01

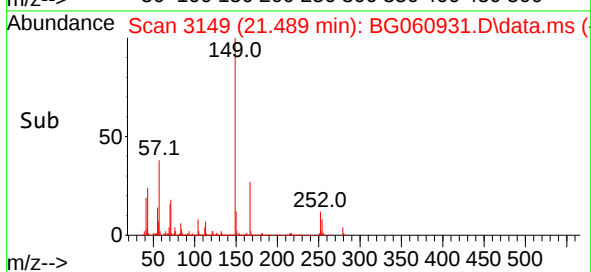
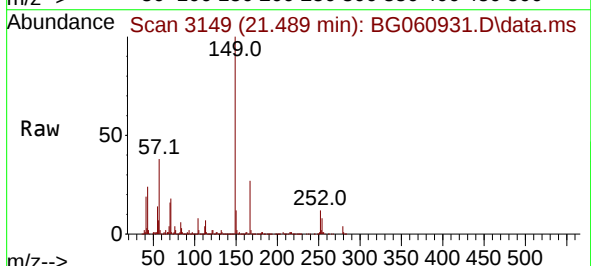
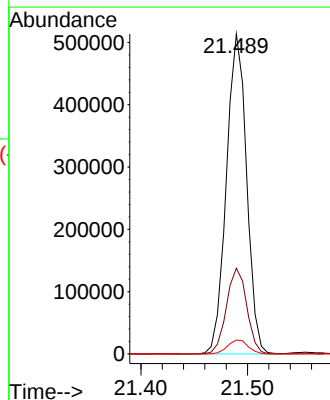
Tgt Ion:149 Resp: 676346

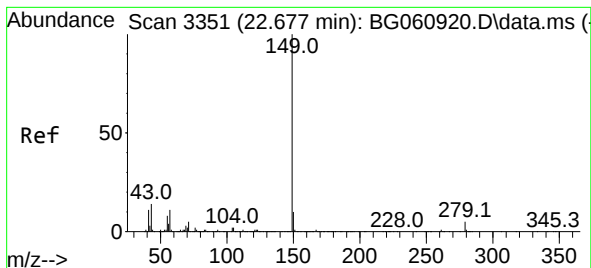
Ion Ratio Lower Upper

149 100

167 26.8 22.4 33.6

279 4.4 3.2 4.8





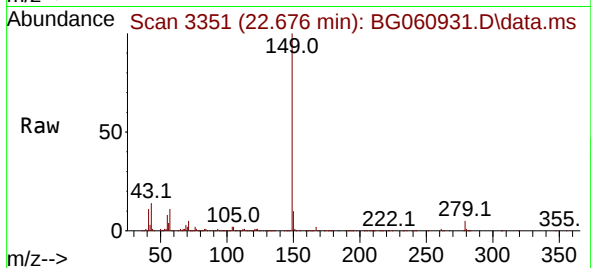
#85
Di-n-octyl phthalate
Concen: 45.831 ng
RT: 22.676 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

PB160120BS



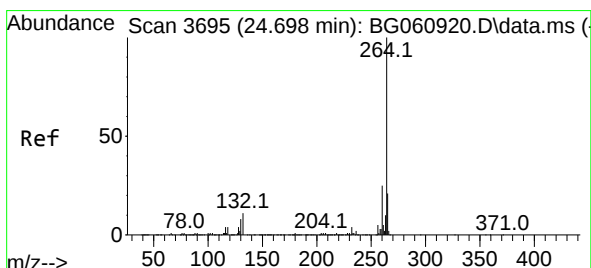
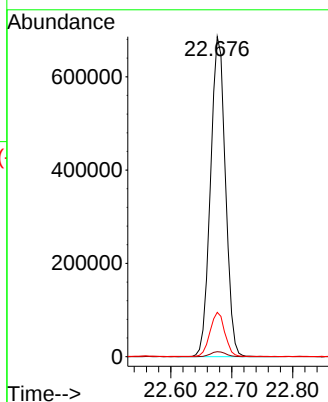
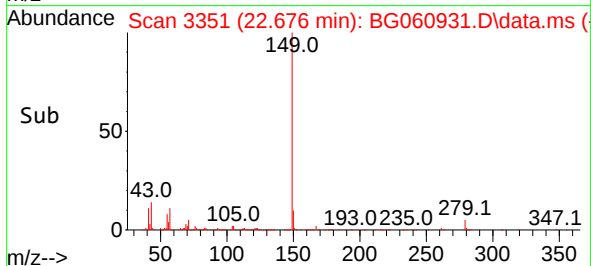
Tgt Ion:149 Resp: 1168430
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.6 11.2 16.8

Manual Integrations

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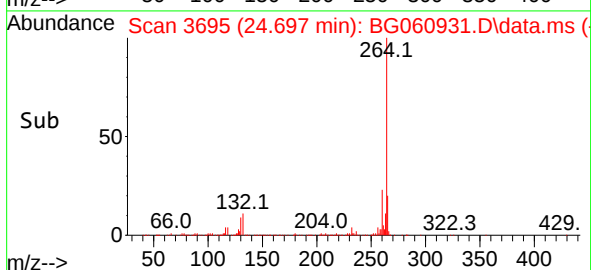
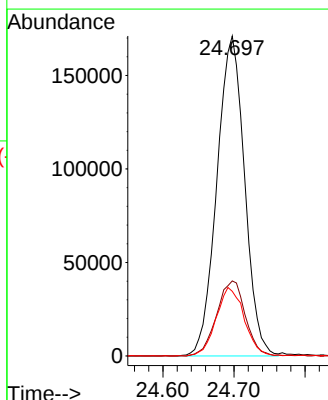
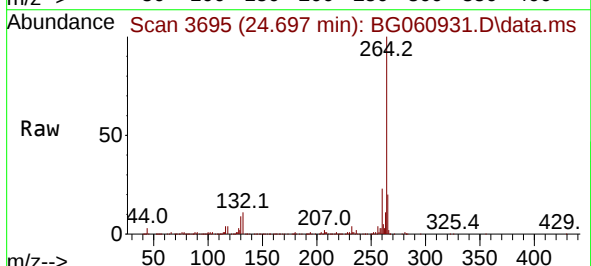
Reviewed By :Yogesh Patel 04/22/2024

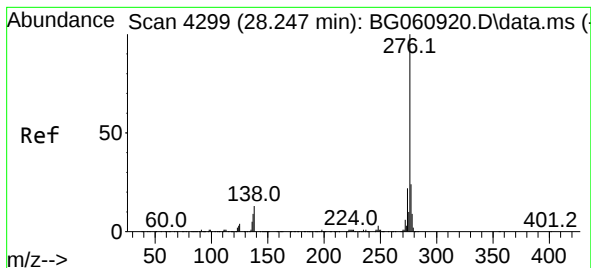
Supervised By :mohammad ahmed 04/22/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.697 min Scan# 3695
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion:264 Resp: 462419
Ion Ratio Lower Upper
264 100
260 23.4 19.6 29.4
265 20.2 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.820 ng

RT: 28.240 min Scan# 4299

Delta R.T. -0.007 min

Lab File: BG060931.D

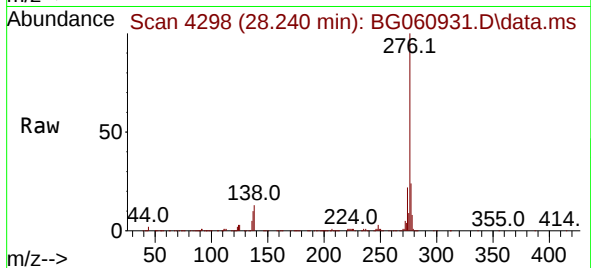
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

PB160120BS



Tgt Ion:276 Resp: 1561119

Ion Ratio Lower Upper

276 100

138 17.3 10.8 16.2

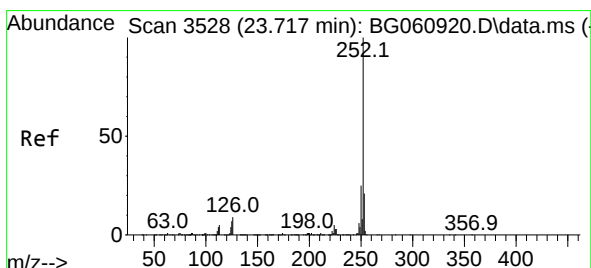
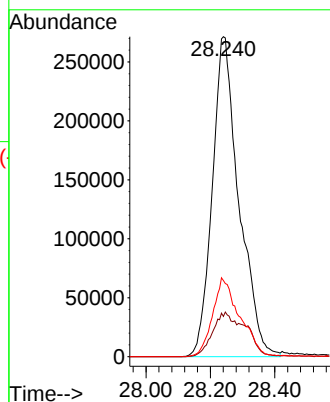
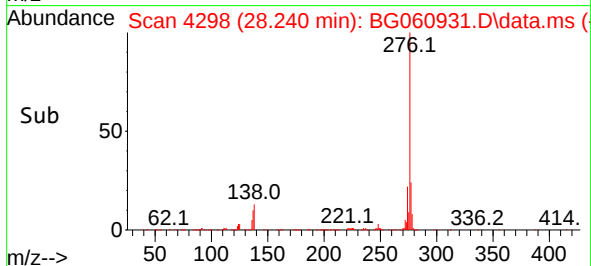
277 25.1 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#88

Benzo(b)fluoranthene

Concen: 48.669 ng

RT: 23.710 min Scan# 3527

Delta R.T. -0.007 min

Lab File: BG060931.D

Acq: 18 Apr 2024 11:01

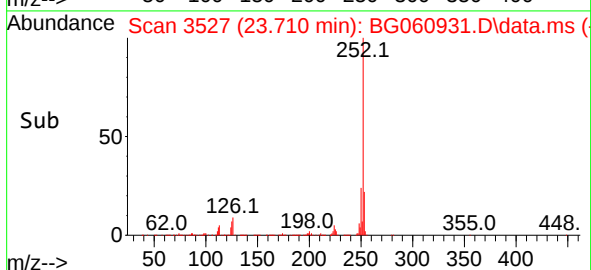
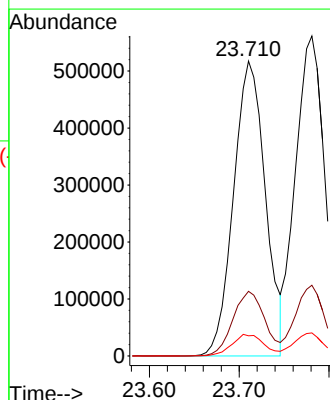
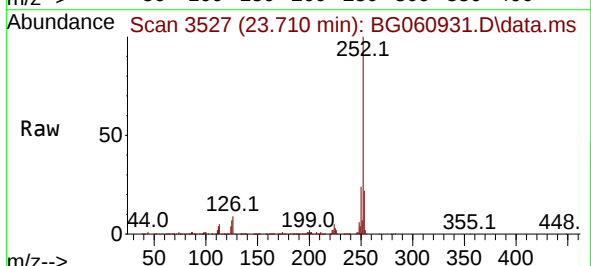
Tgt Ion:252 Resp: 1273347

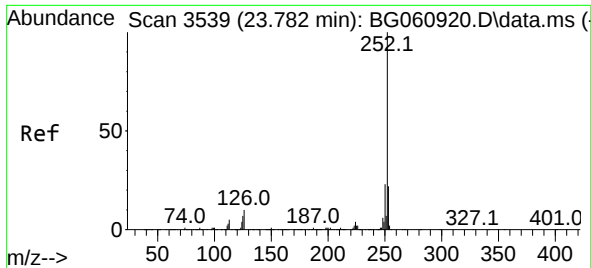
Ion Ratio Lower Upper

252 100

253 21.9 16.8 25.2

125 6.9 5.6 8.4





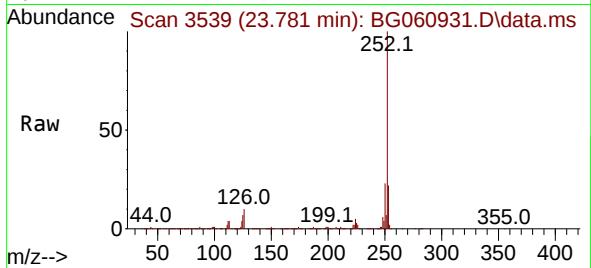
#89
Benzo(k)fluoranthene
Concen: 47.651 ng
RT: 23.781 min Scan# 3539
Delta R.T. -0.001 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

PB160120BS

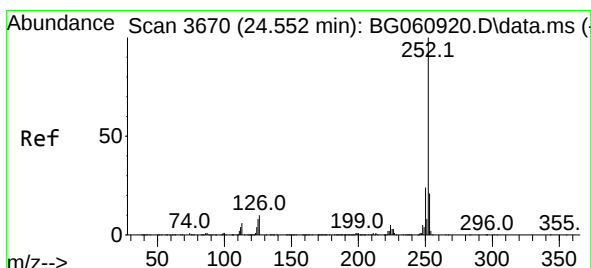
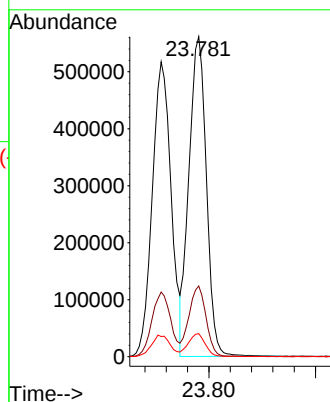
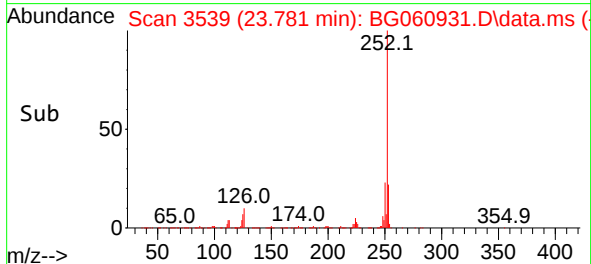


Tgt Ion:252 Resp: 127539
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 7.2 5.8 8.8

Manual Integrations

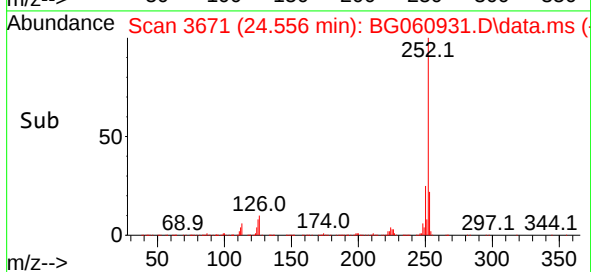
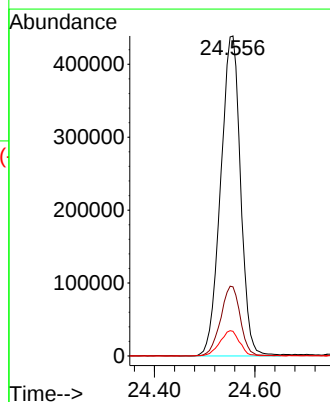
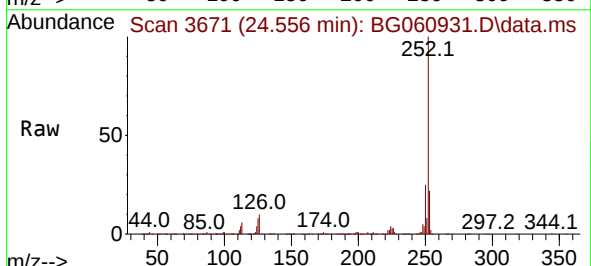
APPROVED

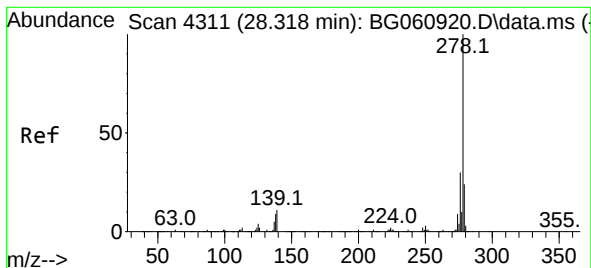
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#90
Benzo(a)pyrene
Concen: 46.798 ng
RT: 24.556 min Scan# 3671
Delta R.T. 0.005 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Tgt Ion:252 Resp: 1207153
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 7.7 6.1 9.1





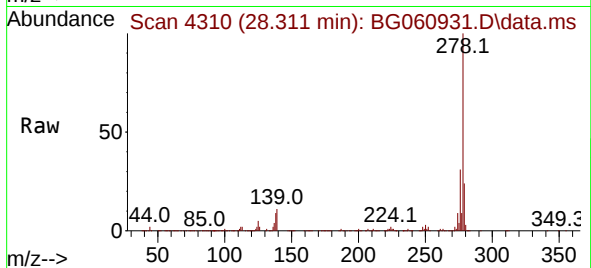
#91
Dibenzo(a,h)anthracene
Concen: 48.021 ng
RT: 28.311 min Scan# 41
Delta R.T. -0.007 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01

Instrument :

BNA_G

ClientSampleId :

PB160120BS



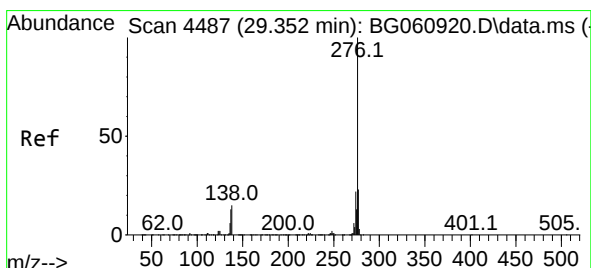
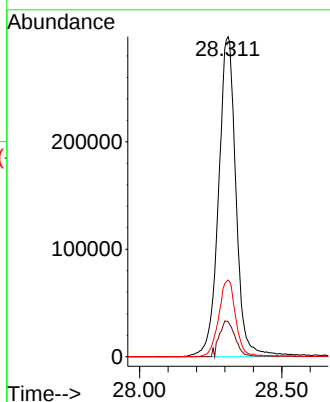
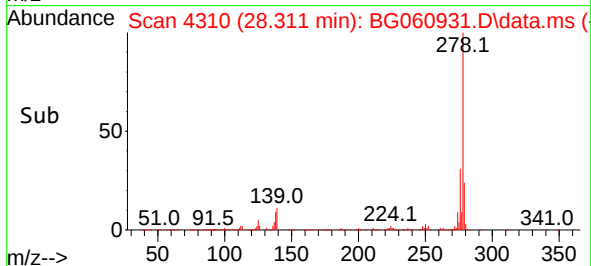
Tgt Ion:278 Resp: 126397
Ion Ratio Lower Upper
278 100
139 11.0 8.6 12.8
279 24.0 19.4 29.2

Manual Integrations

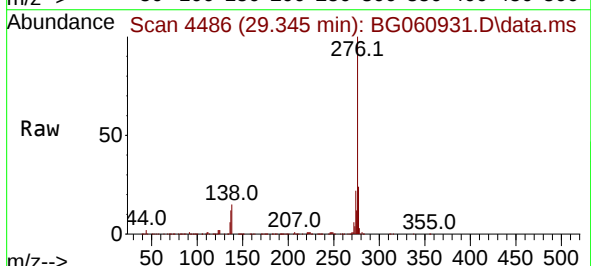
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#92
Benzo(g,h,i)perylene
Concen: 46.076 ng
RT: 29.345 min Scan# 4486
Delta R.T. -0.007 min
Lab File: BG060931.D
Acq: 18 Apr 2024 11:01



Tgt Ion:276 Resp: 1185686
Ion Ratio Lower Upper
276 100
277 23.8 18.3 27.5
138 14.8 12.2 18.4

