

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041724\
 Data File : BG060926.D
 Acq On : 17 Apr 2024 19:31
 Operator : MA/JU
 Sample : PB160288BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160288BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 18 02:17:36 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	48665	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	195439	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	165654	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	405732	20.000	ng	0.00
76) Chrysene-d12	21.578	240	378297	20.000	ng	0.00
86) Perylene-d12	24.692	264	446815	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	396988	141.695	ng	0.00
7) Phenol-d6	7.113	99	567220	140.537	ng	0.00
23) Nitrobenzene-d5	9.098	82	373568	86.775	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	345591	126.282	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	951390	84.280	ng	0.00
79) Terphenyl-d14	19.939	244	1904765	87.874	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	40145	35.446	ng	93
3) Pyridine	3.834	79	112441	31.204	ng	98
4) n-Nitrosodimethylamine	3.752	42	93846	40.813	ng	99
6) Aniline	7.265	93	141241	28.722	ng	98
8) 2-Chlorophenol	7.506	128	160632	50.397	ng	97
9) Benzaldehyde	7.077	77	8303	3.831	ng	# 86
10) Phenol	7.136	94	206535	51.059	ng	98
11) bis(2-Chloroethyl)ether	7.365	93	141959	45.245	ng	99
12) 1,3-Dichlorobenzene	7.829	146	156292	46.150	ng	97
13) 1,4-Dichlorobenzene	7.976	146	159496	46.004	ng	99
14) 1,2-Dichlorobenzene	8.294	146	152727	45.302	ng	98
15) Benzyl Alcohol	8.176	79	157231	45.286	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.458	45	342008	45.104	ng	98
17) 2-Methylphenol	8.382	107	141721	44.342	ng	99
18) Hexachloroethane	9.022	117	57092	46.375	ng	98
19) n-Nitroso-di-n-propyla...	8.746	70	130082	42.313	ng	99
20) 3+4-Methylphenols	8.711	107	197295	44.496	ng	99
22) Acetophenone	8.758	105	243887	43.820	ng	97
24) Nitrobenzene	9.140	77	186268	44.087	ng	96
25) Isophorone	9.662	82	347932	43.795	ng	99
26) 2-Nitrophenol	9.851	139	84459	47.584	ng	96
27) 2,4-Dimethylphenol	9.909	122	121223	38.763	ng	98
28) bis(2-Chloroethoxy)met...	10.144	93	203190	45.485	ng	98
29) 2,4-Dichlorophenol	10.385	162	162389	47.860	ng	100
30) 1,2,4-Trichlorobenzene	10.603	180	167874	46.156	ng	97
31) Naphthalene	10.785	128	473762	44.822	ng	100
32) Benzoic acid	10.050	122	116810	46.144	ng	97
33) 4-Chloroaniline	10.890	127	93041	18.782	ng	98
34) Hexachlorobutadiene	11.078	225	119551	46.238	ng	98
35) Caprolactam	11.660	113	55556m	44.377	ng	
36) 4-Chloro-3-methylphenol	12.019	107	193157	47.101	ng	98
37) 2-Methylnaphthalene	12.395	142	344447	43.077	ng	99
38) 1-Methylnaphthalene	12.612	142	325935	43.177	ng	99
40) 1,2,4,5-Tetrachloroben...	12.765	216	228265	44.655	ng	98
41) Hexachlorocyclopentadiene	12.747	237	281031	107.518	ng	99
43) 2,4,6-Trichlorophenol	13.000	196	163109	45.886	ng	98

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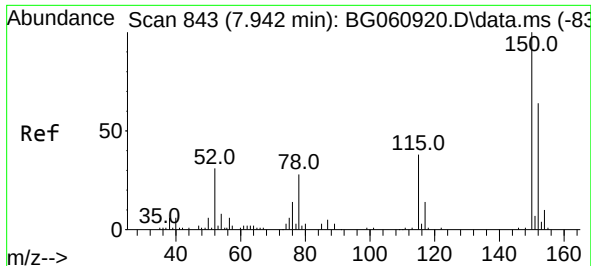
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/22/2024
 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	181094	42.245	ng	95
46) 1,1'-Biphenyl	13.405	154	496638	44.093	ng	98
47) 2-Chloronaphthalene	13.446	162	389113	45.137	ng	100
48) 2-Nitroaniline	13.640	65	157116	44.413	ng	96
49) Acenaphthylene	14.292	152	679223	46.594	ng	98
50) Dimethylphthalate	14.028	163	580862	44.188	ng	99
51) 2,6-Dinitrotoluene	14.145	165	120524	44.985	ng	91
52) Acenaphthene	14.633	154	386347	43.700	ng	98
53) 3-Nitroaniline	14.469	138	77744	26.434	ng	# 92
54) 2,4-Dinitrophenol	14.680	184	158450	91.719	ng	97
55) Dibenzofuran	14.968	168	642227	43.003	ng	96
56) 4-Nitrophenol	14.786	139	209480	93.028	ng	99
57) 2,4-Dinitrotoluene	14.933	165	178496	46.622	ng	98
58) Fluorene	15.620	166	532482	42.984	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.197	232	180323	45.790	ng	98
60) Diethylphthalate	15.397	149	577177	43.837	ng	100
61) 4-Chlorophenyl-phenyle...	15.614	204	292223	42.556	ng	98
62) 4-Nitroaniline	15.638	138	128631	40.677	ng	98
63) Azobenzene	15.908	77	540603	43.564	ng	99
65) 4,6-Dinitro-2-methylph...	15.697	198	112819	49.840	ng	95
66) n-Nitrosodiphenylamine	15.832	169	506148	45.444	ng	97
67) 4-Bromophenyl-phenylether	16.507	248	203925	44.866	ng	96
68) Hexachlorobenzene	16.625	284	237166	47.954	ng	99
69) Atrazine	16.784	200	204406	51.065	ng	98
70) Pentachlorophenol	16.966	266	319971	95.531	ng	98
71) Phenanthrene	17.359	178	936664	45.609	ng	99
72) Anthracene	17.448	178	967305	45.854	ng	98
73) Carbazole	17.718	167	834743	45.417	ng	99
74) Di-n-butylphthalate	18.294	149	1004515	45.397	ng	100
75) Fluoranthene	19.369	202	1159843	44.370	ng	99
77) Benzidine	19.551	184	395256	47.369	ng	99
78) Pyrene	19.733	202	1204246	46.405	ng	99
80) Butylbenzylphthalate	20.632	149	436146	45.758	ng	100
81) Benzo(a)anthracene	21.554	228	1240203	46.426	ng	99
82) 3,3'-Dichlorobenzidine	21.472	252	299479	31.481	ng	98
83) Chrysene	21.625	228	1176151	46.113	ng	99
84) Bis(2-ethylhexyl)phtha...	21.490	149	640162	45.420	ng	98
85) Di-n-octyl phthalate	22.677	149	1111807	45.717	ng	100
87) Indeno(1,2,3-cd)pyrene	28.247	276	1499424	48.528	ng	# 97
88) Benzo(b)fluoranthene	23.711	252	1213398	47.998	ng	97
89) Benzo(k)fluoranthene	23.781	252	1209522	46.768	ng	100
90) Benzo(a)pyrene	24.557	252	1137997	45.658	ng	99
91) Dibenzo(a,h)anthracene	28.311	278	1214937	47.769	ng	99
92) Benzo(g,h,i)perylene	29.351	276	1142169	45.935	ng	97

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



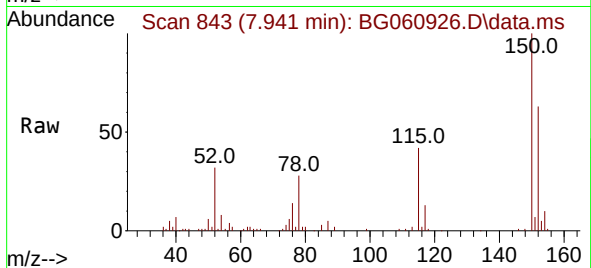
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

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PB160288BS



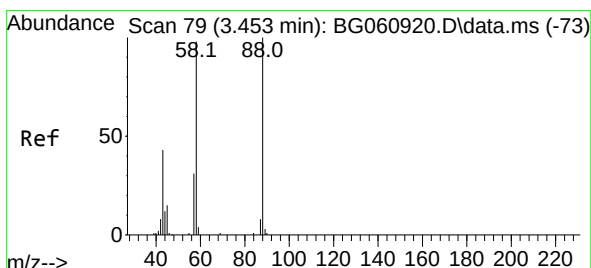
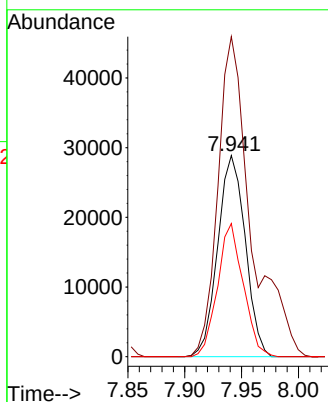
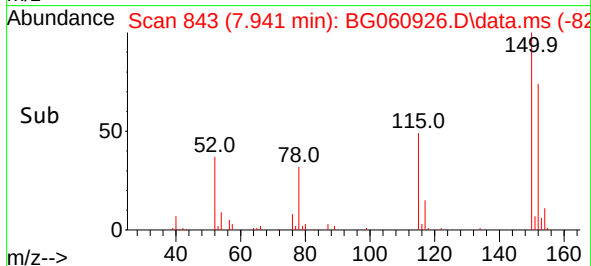
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Ion Ratio Lower Upper
152 100
150 159.1 125.6 188.4
115 66.2 47.1 70.7

Manual Integrations

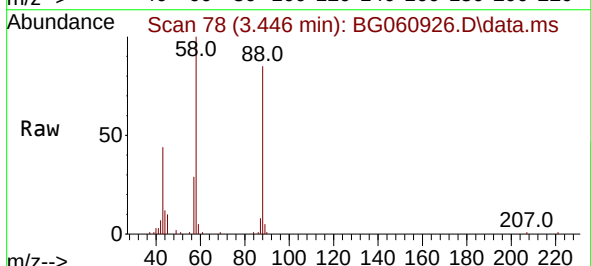
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Reviewed By :Yogesh Patel 04/22/2024

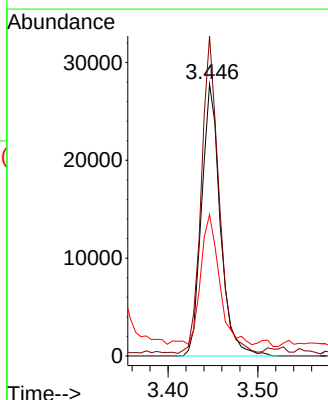
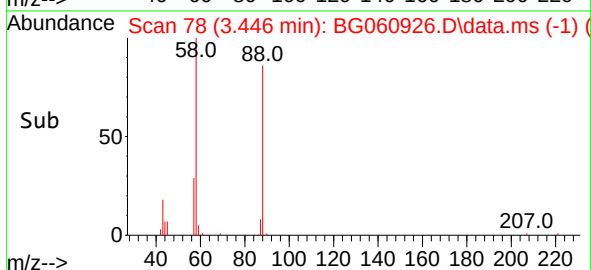
Supervised By :mohammad ahmed 04/22/2024

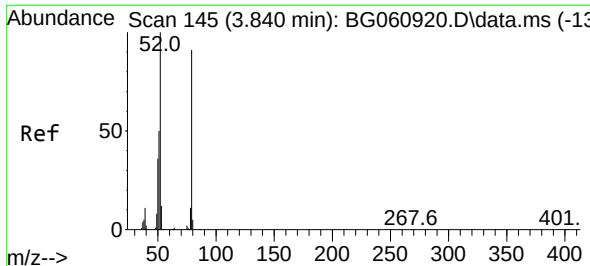


#2
1,4-Dioxane
Concen: 35.446 ng
RT: 3.446 min Scan# 78
Delta R.T. -0.006 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31



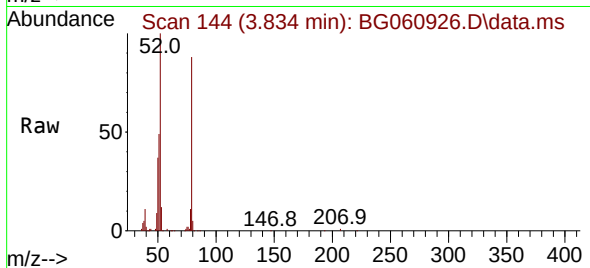
Tgt Ion: 88 Resp: 40145
Ion Ratio Lower Upper
88 100
58 109.9 82.1 123.1
43 47.3 35.2 52.8





#3
Pyridine
Concen: 31.204 ng
RT: 3.834 min Scan# 145
Delta R.T. -0.006 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

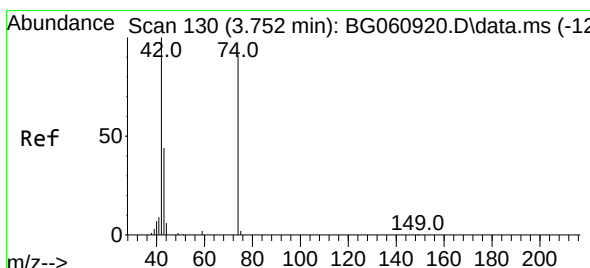
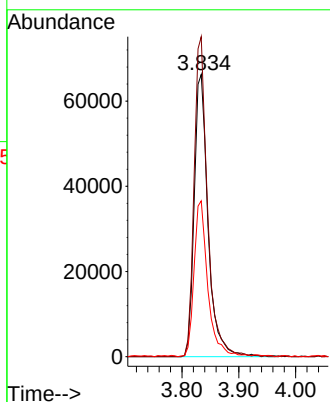
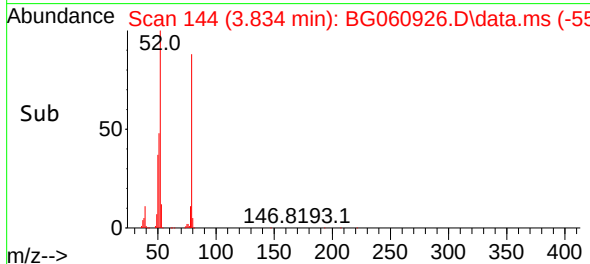
Instrument :
BNA_G
ClientSampleId :
PB160288BS



Tgt Ion: 79 Resp: 11244
Ion Ratio Lower Upper
79 100
52 113.4 87.8 131.8
51 55.2 44.1 66.1

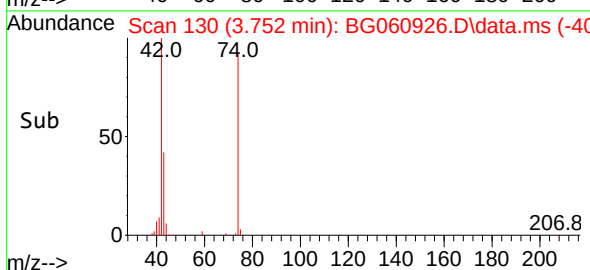
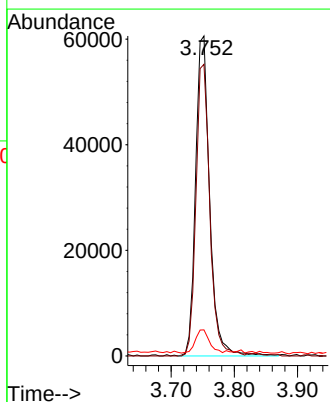
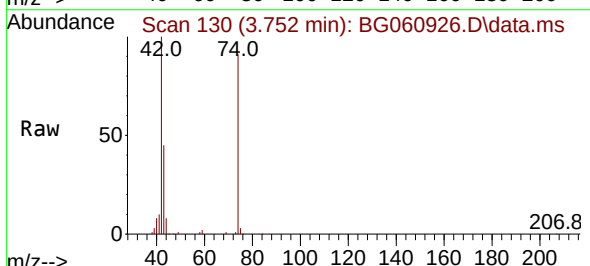
Manual Integrations
APPROVED

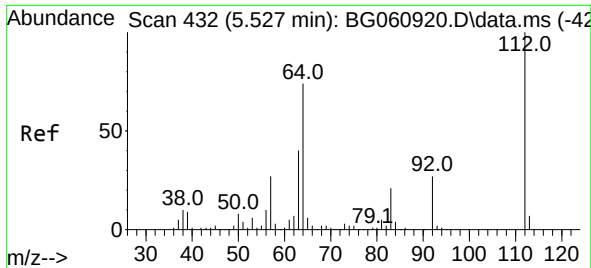
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#4
n-Nitrosodimethylamine
Concen: 40.813 ng
RT: 3.752 min Scan# 130
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Tgt Ion: 42 Resp: 93846
Ion Ratio Lower Upper
42 100
74 91.1 73.2 109.8
44 8.1 5.6 8.4





#5
2-Fluorophenol
Concen: 141.695 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

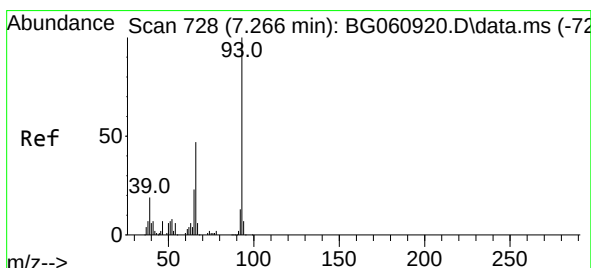
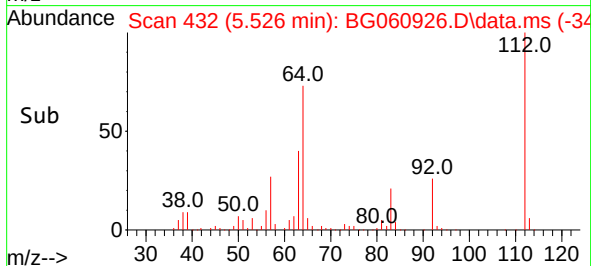
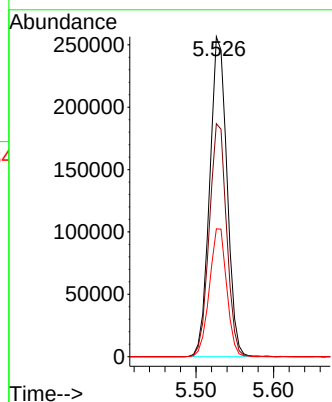
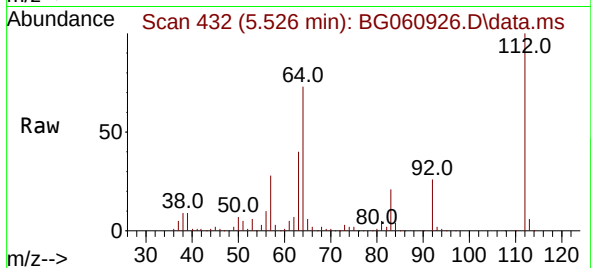
PB160288BS

Tgt Ion:112 Resp: 396988
Ion Ratio Lower Upper
112 100
64 72.8 58.9 88.3
63 39.9 32.1 48.1

Manual Integrations

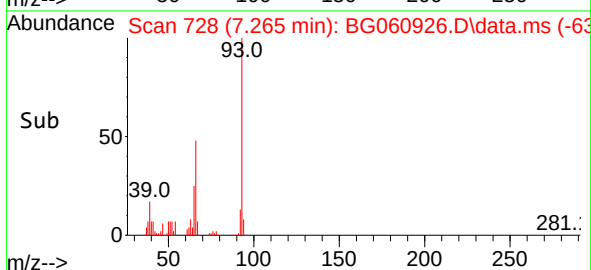
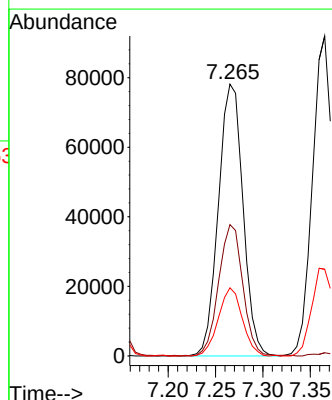
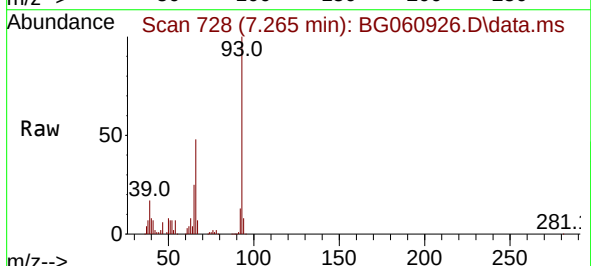
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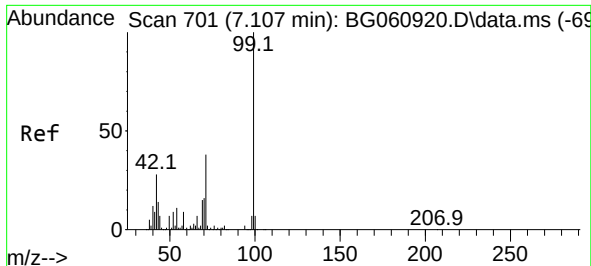
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#6
Aniline
Concen: 28.722 ng
RT: 7.265 min Scan# 728
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

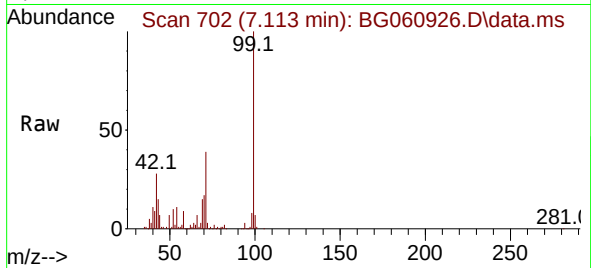
Tgt Ion: 93 Resp: 141241
Ion Ratio Lower Upper
93 100
66 48.4 37.8 56.8
65 25.1 18.7 28.1





#7
Phenol-d6
Concen: 140.537 ng
RT: 7.113 min Scan# 701
Delta R.T. 0.005 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

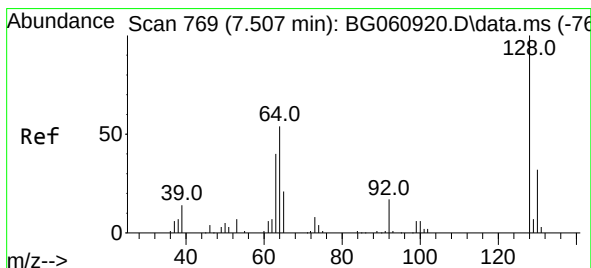
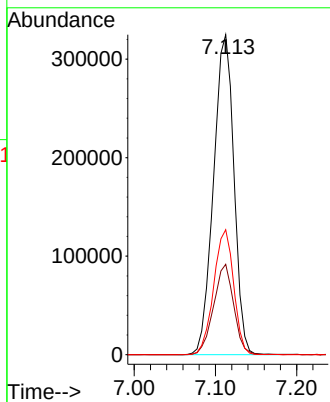
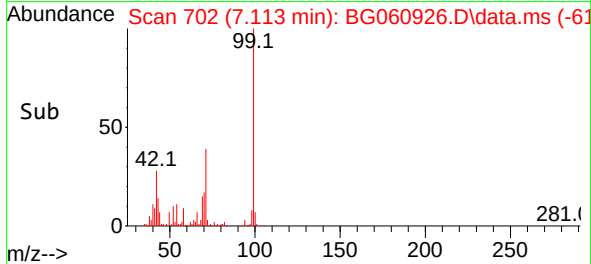
Instrument :
BNA_G
ClientSampleId :
PB160288BS



Tgt Ion: 99 Resp: 567220
Ion Ratio Lower Upper
99 100
42 28.3 22.2 33.2
71 39.1 30.5 45.7

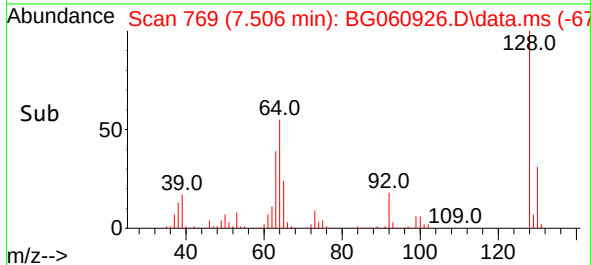
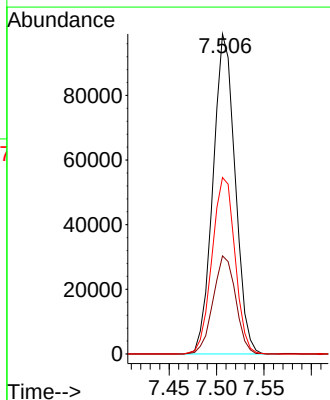
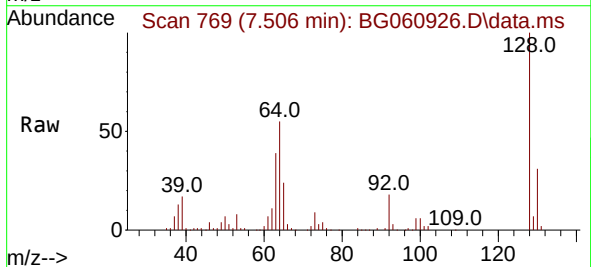
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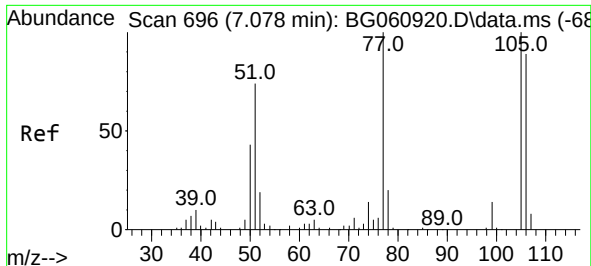
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#8
2-Chlorophenol
Concen: 50.397 ng
RT: 7.506 min Scan# 769
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Tgt Ion:128 Resp: 160632
Ion Ratio Lower Upper
128 100
130 30.6 11.7 51.7
64 55.2 37.8 77.8





#9
Benzaldehyde
Concen: 3.831 ng
RT: 7.077 min Scan# 696
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

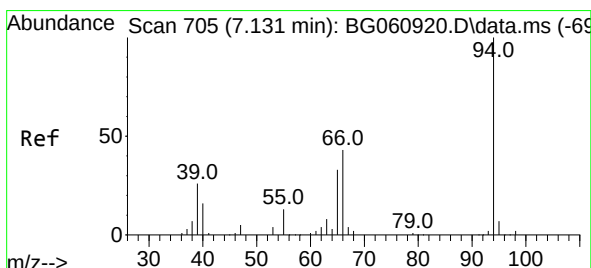
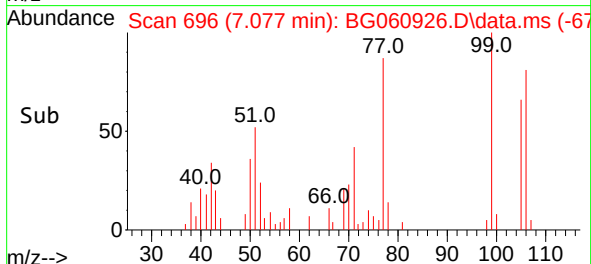
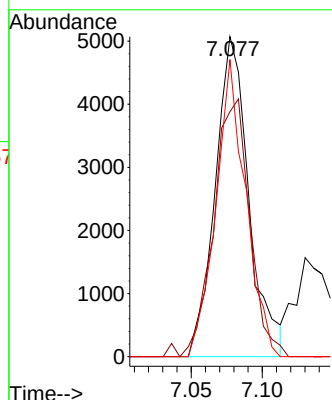
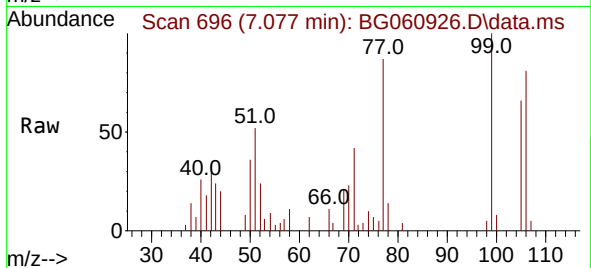
ClientSampleId :

PB160288BS

Tgt Ion: 77 Resp: 830
Ion Ratio Lower Upper
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105 76.5 79.9 119.9
106 92.9 69.3 109.3

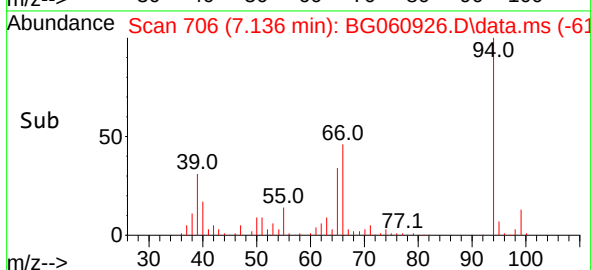
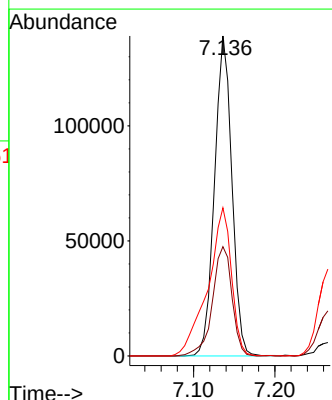
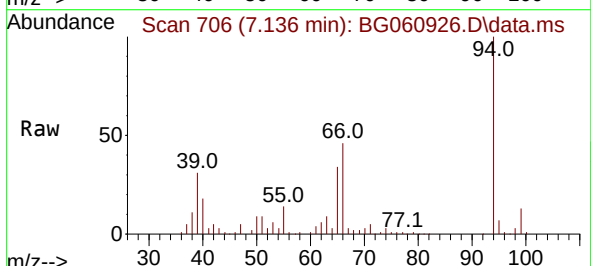
Manual Integrations
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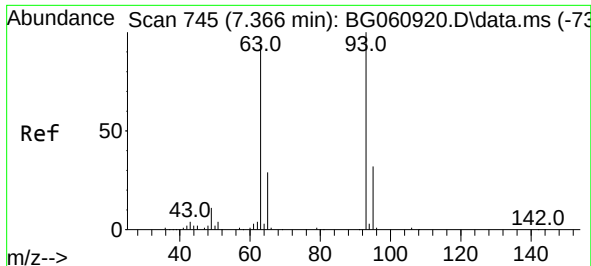
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#10
Phenol
Concen: 51.059 ng
RT: 7.136 min Scan# 706
Delta R.T. 0.005 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

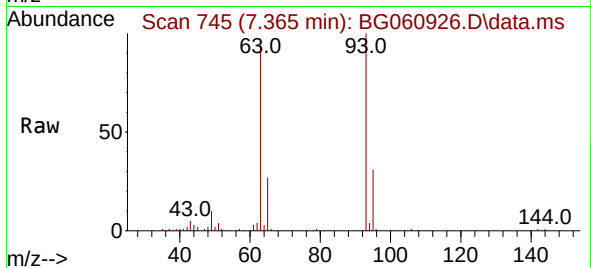
Tgt Ion: 94 Resp: 206535
Ion Ratio Lower Upper
94 100
65 34.1 13.6 53.6
66 46.3 24.3 64.3





#11
bis(2-Chloroethyl)ether
Concen: 45.245 ng
RT: 7.365 min Scan# 745
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

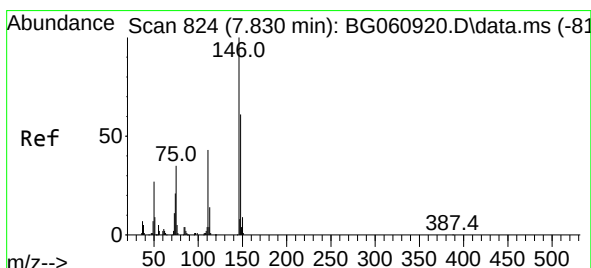
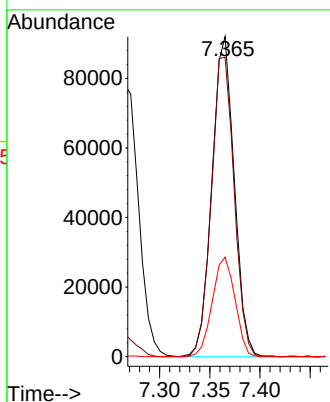
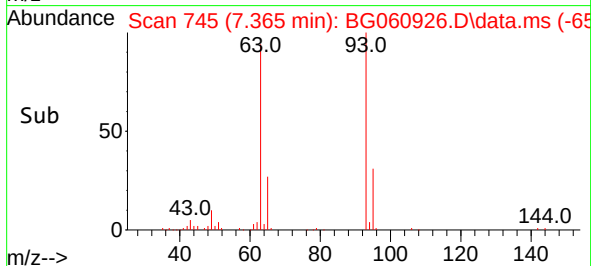
Instrument :
BNA_G
ClientSampleId :
PB160288BS



Tgt Ion: 93 Resp: 141959
Ion Ratio Lower Upper
93 100
63 93.5 74.0 114.0
95 31.1 12.7 52.7

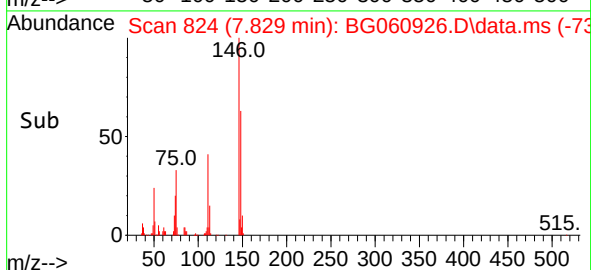
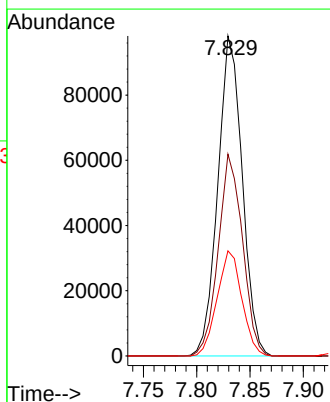
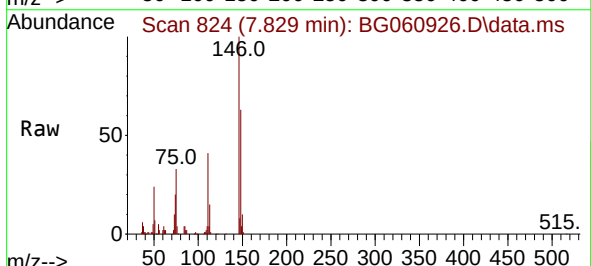
Manual Integrations
APPROVED

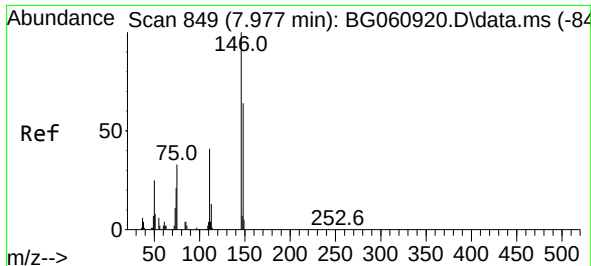
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#12
1,3-Dichlorobenzene
Concen: 46.150 ng
RT: 7.829 min Scan# 824
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Tgt Ion:146 Resp: 156292
Ion Ratio Lower Upper
146 100
148 63.1 49.0 73.6
75 32.8 27.8 41.6





#13

1,4-Dichlorobenzene

Concen: 46.004 ng

RT: 7.976 min Scan# 849

Delta R.T. -0.001 min

Lab File: BG060926.D

Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS

Tgt Ion:146 Resp: 159490

Ion Ratio Lower Upper

146 100

148 62.8 51.4 77.2

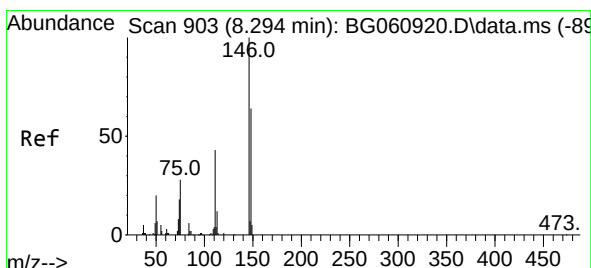
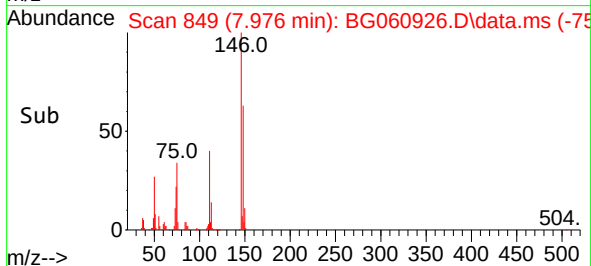
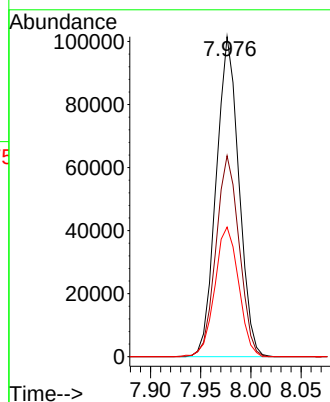
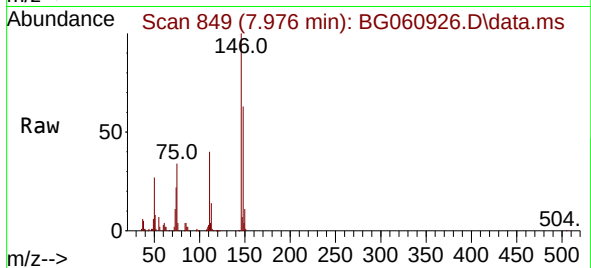
111 40.5 32.8 49.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#14

1,2-Dichlorobenzene

Concen: 45.302 ng

RT: 8.294 min Scan# 903

Delta R.T. -0.001 min

Lab File: BG060926.D

Acq: 17 Apr 2024 19:31

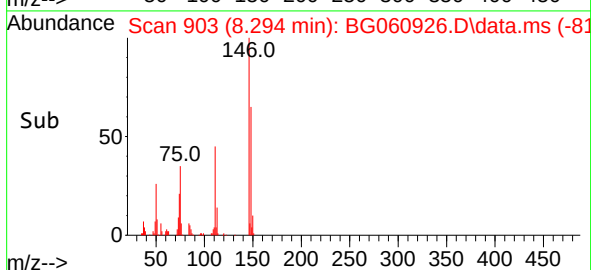
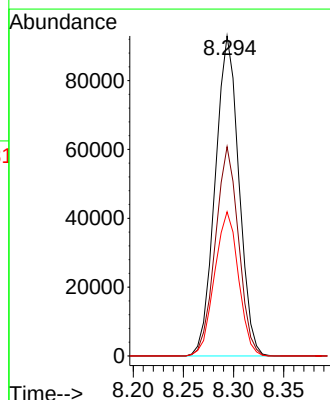
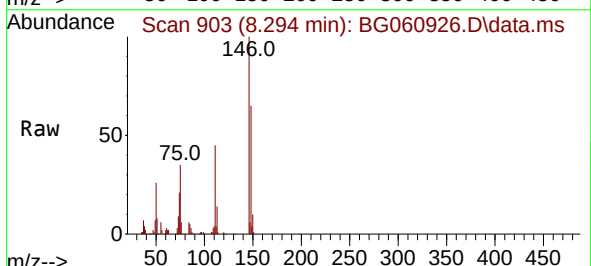
Tgt Ion:146 Resp: 152727

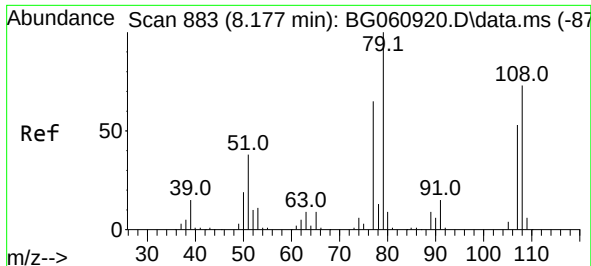
Ion Ratio Lower Upper

146 100

148 65.4 51.0 76.4

111 45.0 35.2 52.8





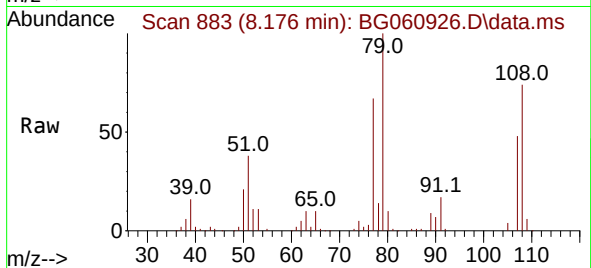
#15
Benzyl Alcohol
Concen: 45.286 ng
RT: 8.176 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

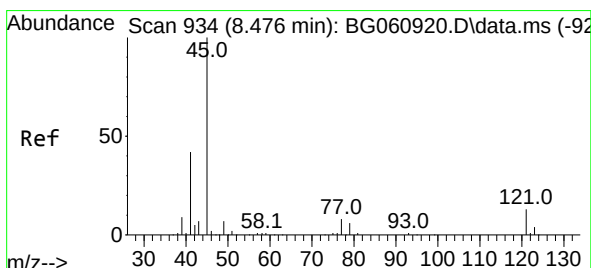
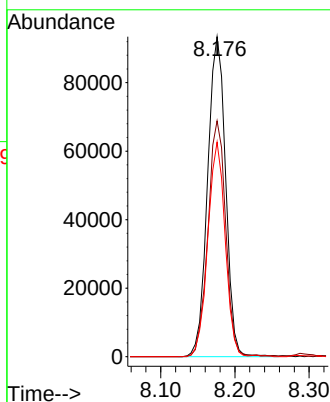
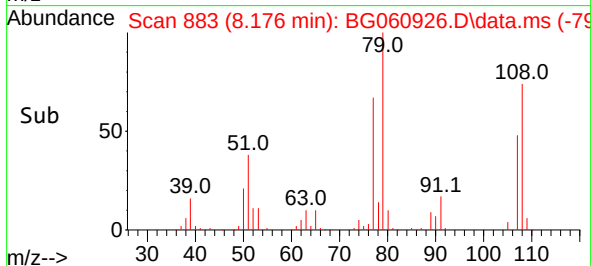
PB160288BS



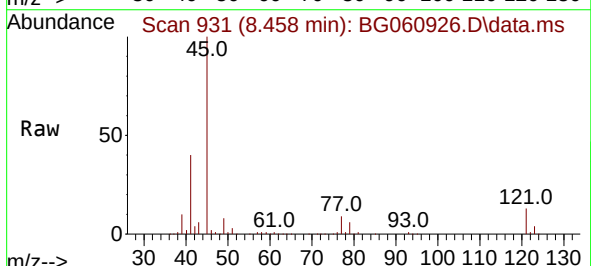
Tgt Ion: 79 Resp: 15723
Ion Ratio Lower Upper
79 100
108 73.7 58.6 87.8
77 67.0 51.9 77.9

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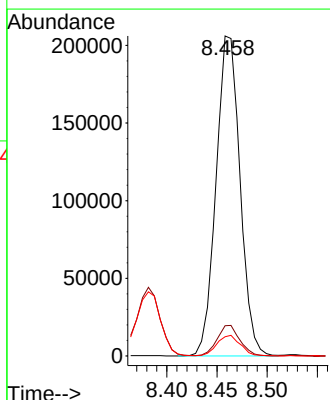
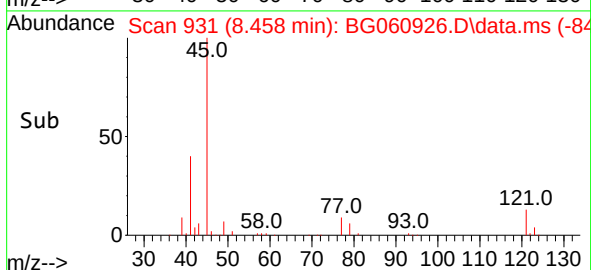
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

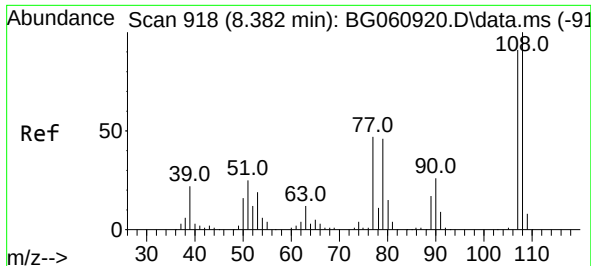


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.104 ng
RT: 8.458 min Scan# 931
Delta R.T. -0.018 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31



Tgt Ion: 45 Resp: 342008
Ion Ratio Lower Upper
45 100
77 9.4 0.0 29.0
79 6.0 0.0 27.2





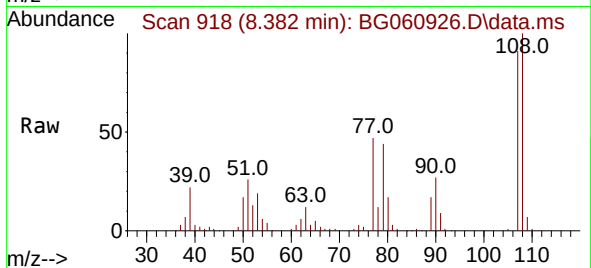
#17
2-Methylphenol
Concen: 44.342 ng
RT: 8.382 min Scan# 918
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS

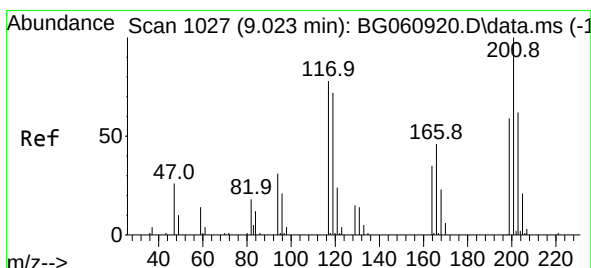
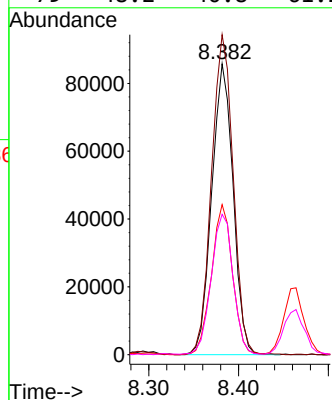
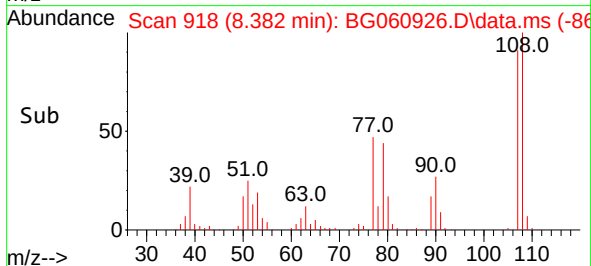


Tgt Ion:107 Resp: 14172
Ion Ratio Lower Upper
107 100
108 110.0 88.3 132.5
77 51.6 41.4 62.0
79 48.2 40.8 61.2

Manual Integrations

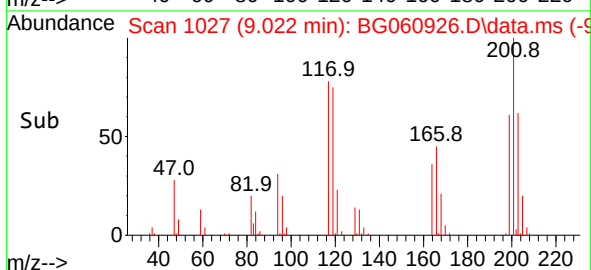
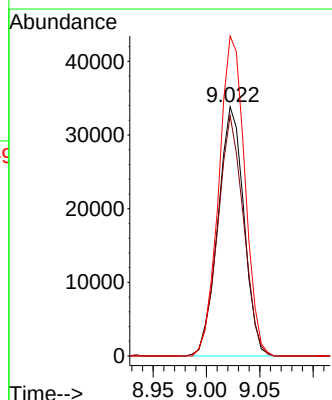
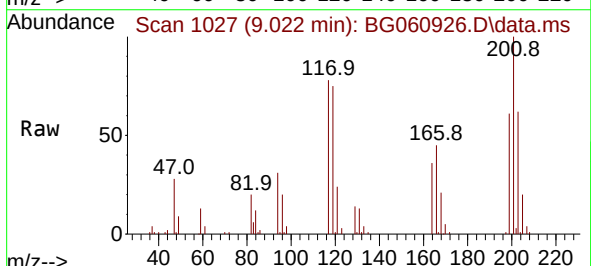
APPROVED

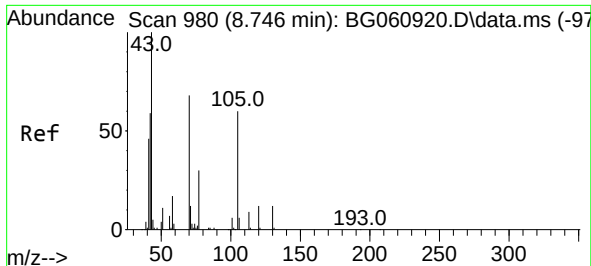
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#18
Hexachloroethane
Concen: 46.375 ng
RT: 9.022 min Scan# 1027
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

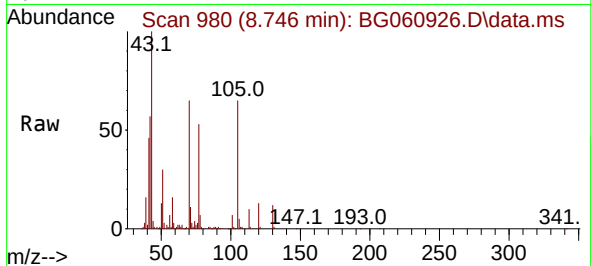
Tgt Ion:117 Resp: 57092
Ion Ratio Lower Upper
117 100
119 96.5 73.8 110.6
201 128.5 102.9 154.3





#19
n-Nitroso-di-n-propylamine
Concen: 42.313 ng
RT: 8.746 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

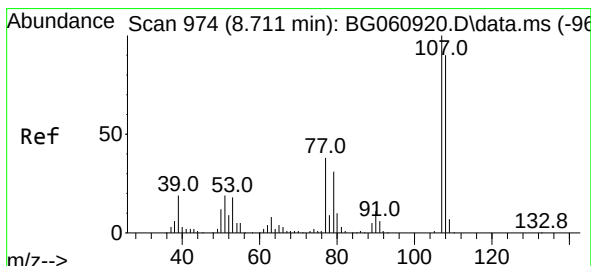
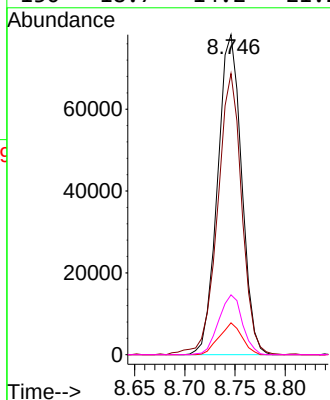
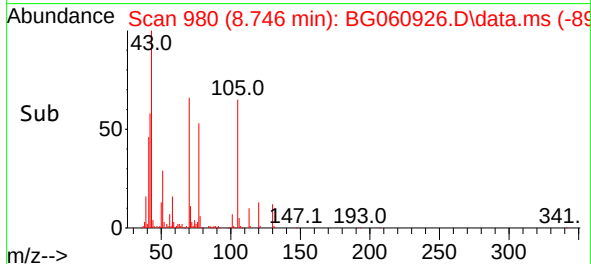
Instrument :
BNA_G
ClientSampleId :
PB160288BS



Tgt Ion: 70 Resp: 13008
Ion Ratio Lower Upper
70 100
42 87.9 70.9 106.3
101 10.0 7.0 10.4
130 18.7 14.2 21.2

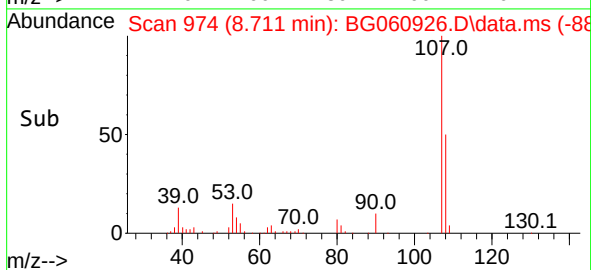
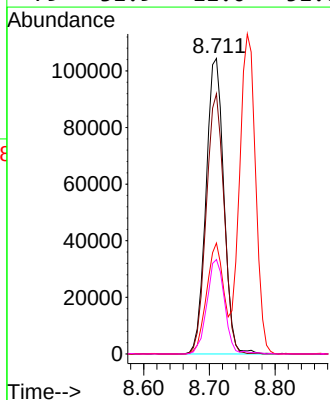
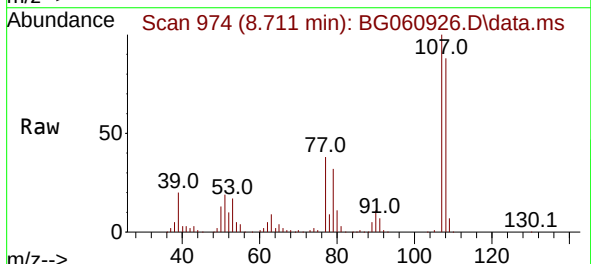
Manual Integrations
APPROVED

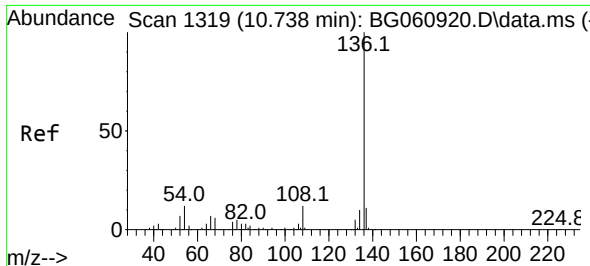
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#20
3+4-Methylphenols
Concen: 44.496 ng
RT: 8.711 min Scan# 974
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Tgt Ion:107 Resp: 197295
Ion Ratio Lower Upper
107 100
108 88.0 69.9 109.9
77 37.5 17.5 57.5
79 31.9 11.0 51.0





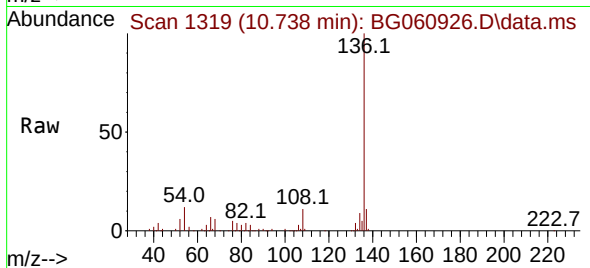
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS



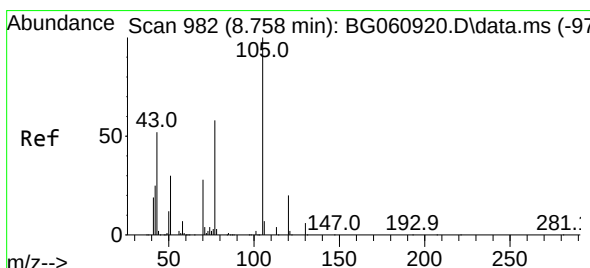
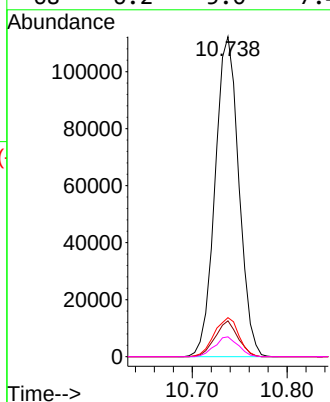
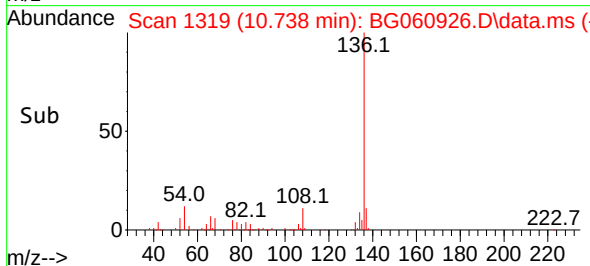
Tgt Ion:136 Resp: 195439
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 12.2 9.8 14.8
68 6.2 5.0 7.4

Manual Integrations

APPROVED

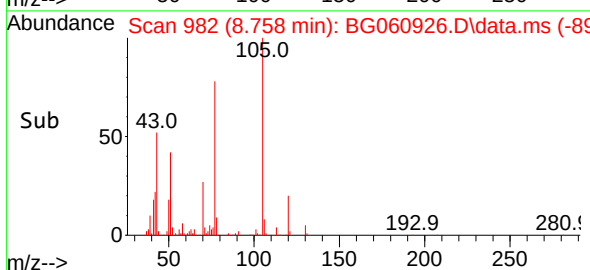
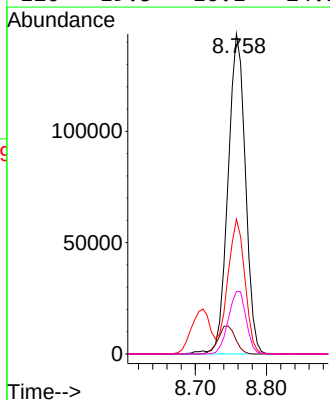
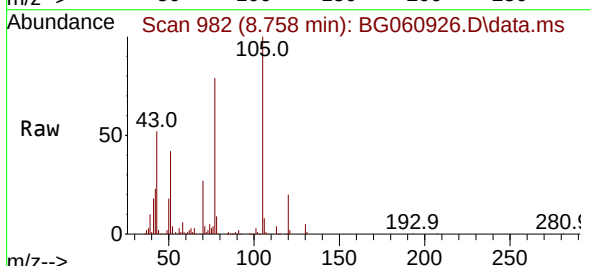
Reviewed By :Yogesh Patel 04/22/2024

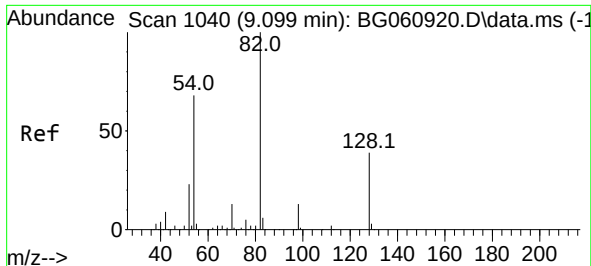
Supervised By :mohammad ahmed 04/22/2024



#22
Acetophenone
Concen: 43.820 ng
RT: 8.758 min Scan# 982
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Tgt Ion:105 Resp: 243887
Ion Ratio Lower Upper
105 100
71 4.2 3.8 5.6
51 42.2 32.1 48.1
120 19.5 16.1 24.1





#23

Nitrobenzene-d5

Concen: 86.775 ng

RT: 9.098 min Scan# 1040

Delta R.T. -0.001 min

Lab File: BG060926.D

Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS

Tgt Ion: 82 Resp: 37356

Ion Ratio Lower Upper

82 100

128 38.6 31.4 47.0

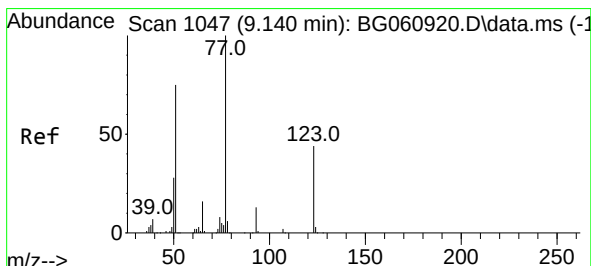
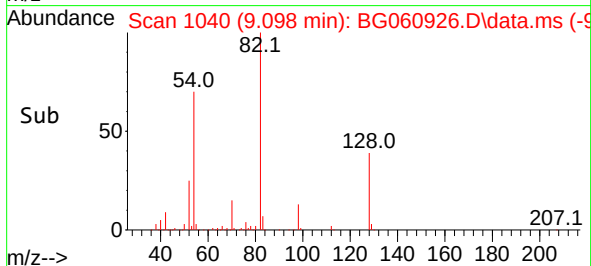
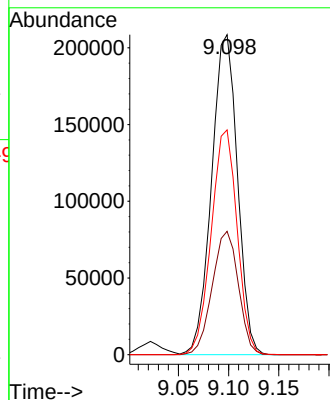
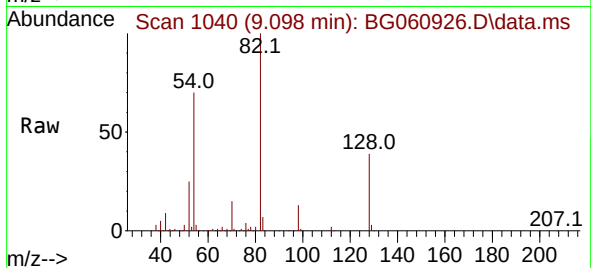
54 70.3 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#24

Nitrobenzene

Concen: 44.087 ng

RT: 9.140 min Scan# 1047

Delta R.T. -0.001 min

Lab File: BG060926.D

Acq: 17 Apr 2024 19:31

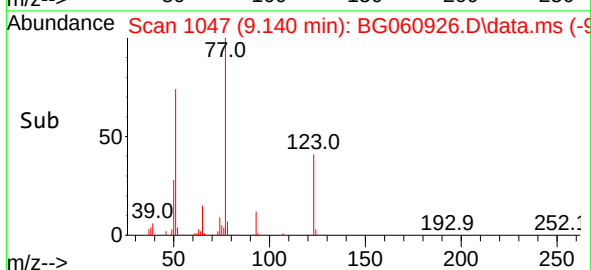
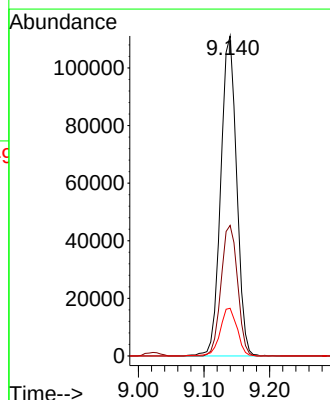
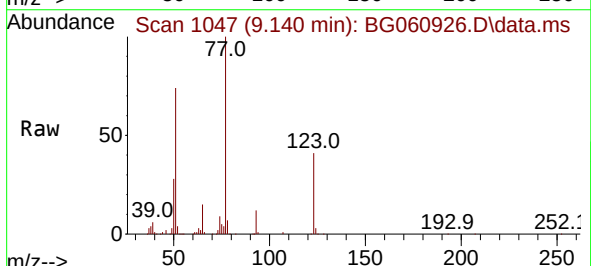
Tgt Ion: 77 Resp: 186268

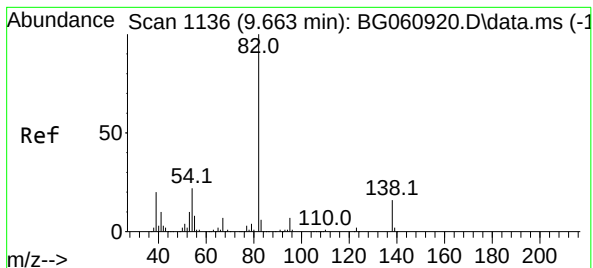
Ion Ratio Lower Upper

77 100

123 40.8 34.8 52.2

65 14.9 12.6 19.0





#25

Isophorone

Concen: 43.795 ng

RT: 9.662 min Scan# 1136

Delta R.T. -0.001 min

Lab File: BG060926.D

Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS

Tgt Ion: 82 Resp: 34793

Ion Ratio Lower Upper

82 100

95 7.9 5.9 8.9

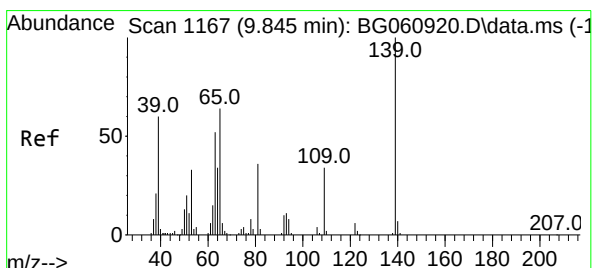
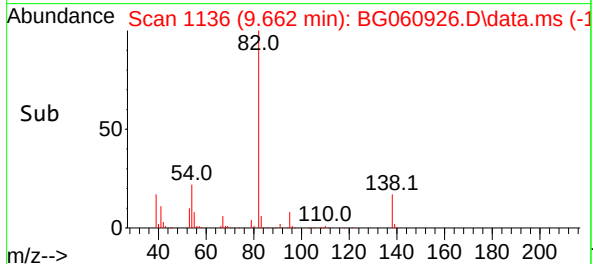
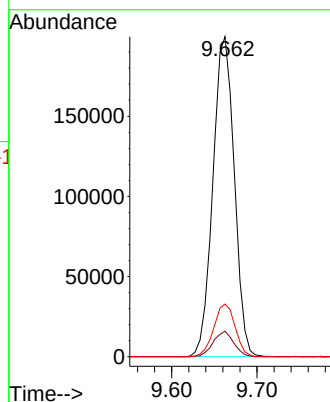
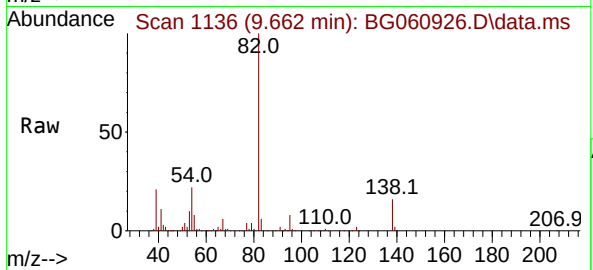
138 16.4 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#26

2-Nitrophenol

Concen: 47.584 ng

RT: 9.851 min Scan# 1168

Delta R.T. 0.005 min

Lab File: BG060926.D

Acq: 17 Apr 2024 19:31

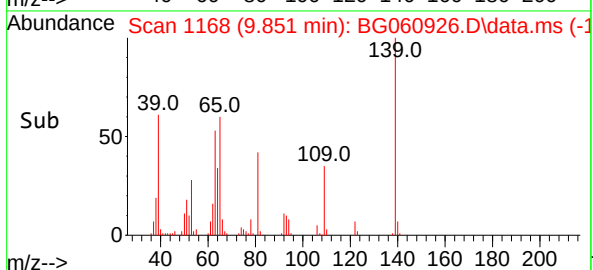
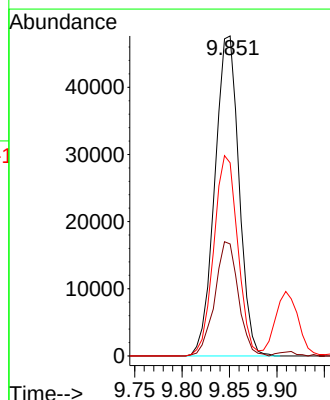
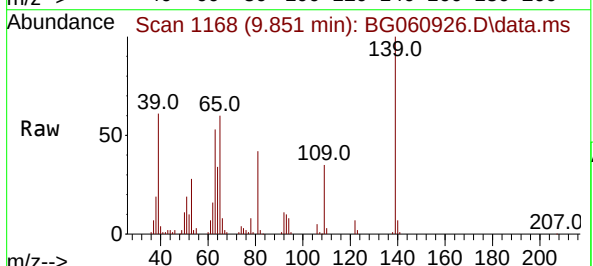
Tgt Ion:139 Resp: 84459

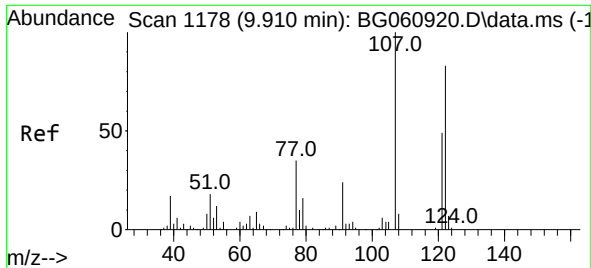
Ion Ratio Lower Upper

139 100

109 35.0 26.9 40.3

65 60.3 51.4 77.2





#27

2,4-Dimethylphenol

Concen: 38.763 ng

RT: 9.909 min Scan# 1178

Delta R.T. -0.001 min

Lab File: BG060926.D

Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS

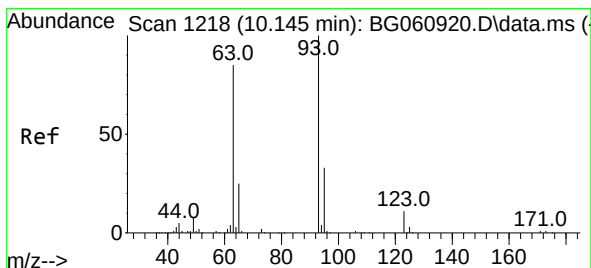
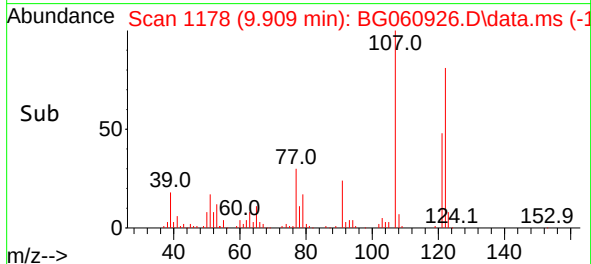
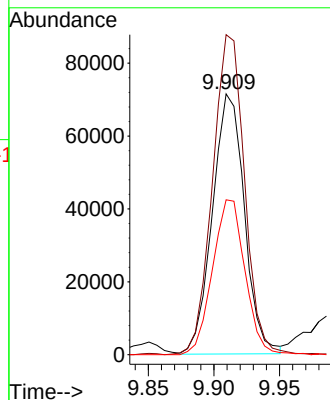
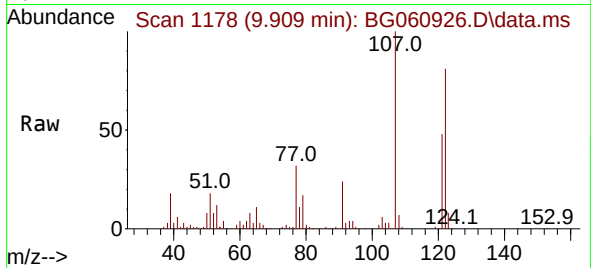
Tgt Ion:	122	Resp:	12122
Ion	Ratio	Lower	Upper
122	100		
107	122.7	96.6	144.8
121	59.4	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#28

bis(2-Chloroethoxy)methane

Concen: 45.485 ng

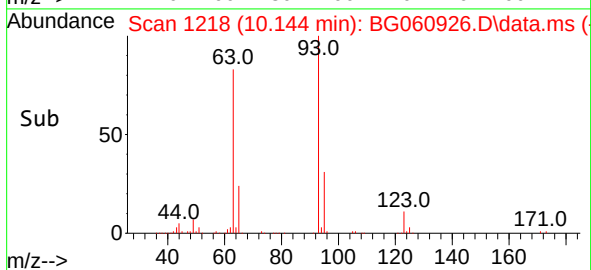
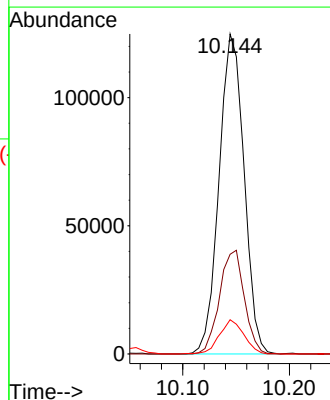
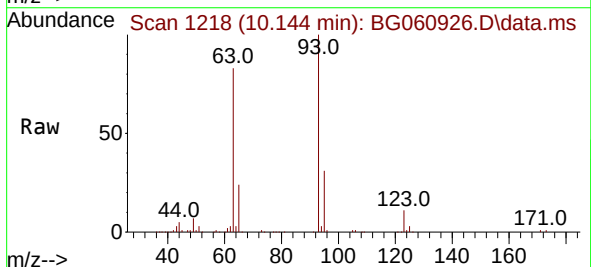
RT: 10.144 min Scan# 1218

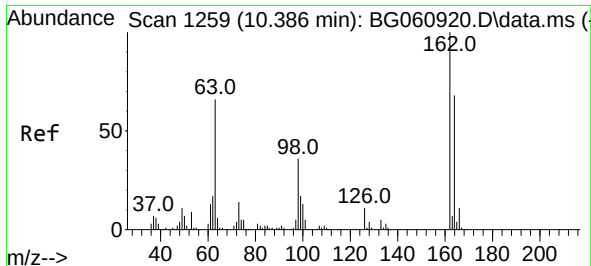
Delta R.T. -0.001 min

Lab File: BG060926.D

Acq: 17 Apr 2024 19:31

Tgt Ion:	93	Resp:	203190
Ion	Ratio	Lower	Upper
93	100		
95	31.2	26.2	39.4
123	10.7	8.9	13.3





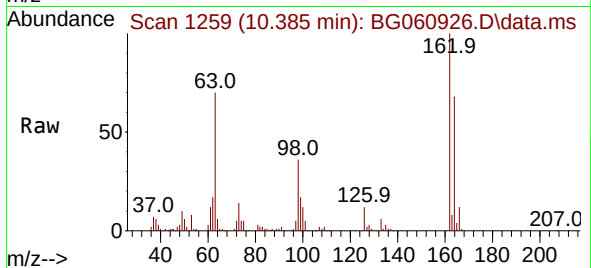
#29
2,4-Dichlorophenol
Concen: 47.860 ng
RT: 10.385 min Scan# 1259
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS

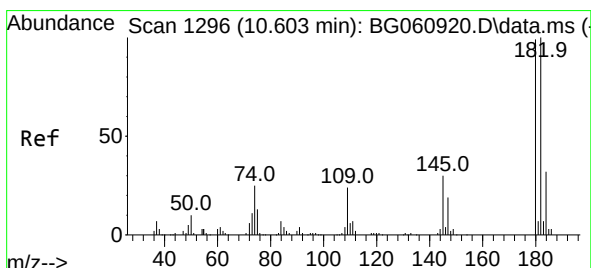
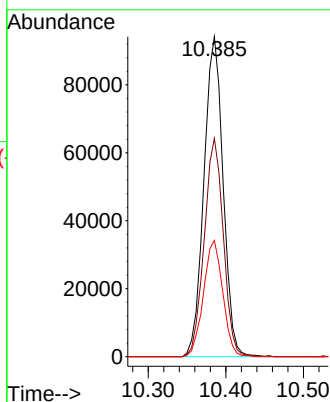
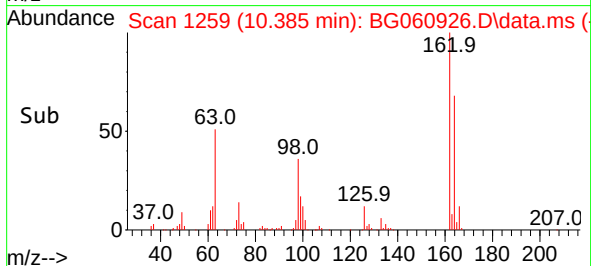


Tgt Ion:162 Resp: 162389
Ion Ratio Lower Upper
162 100
164 68.2 48.1 88.1
98 36.3 16.1 56.1

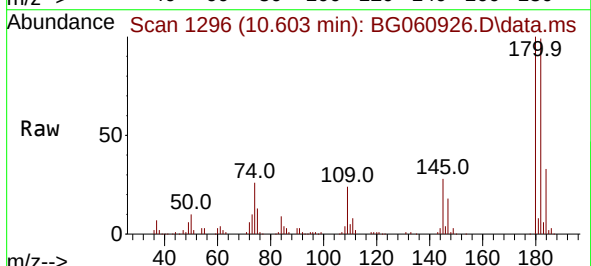
Manual Integrations

APPROVED

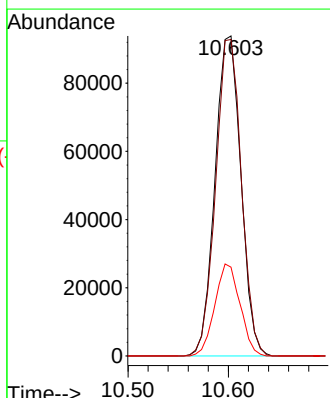
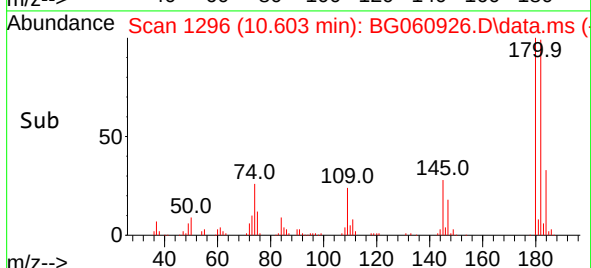
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

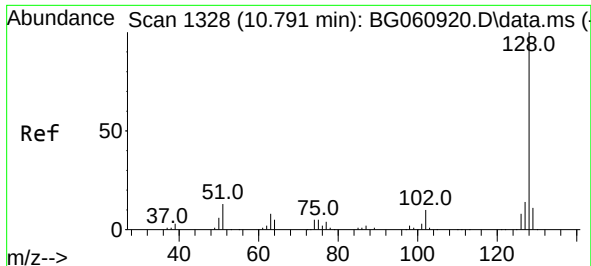


#30
1,2,4-Trichlorobenzene
Concen: 46.156 ng
RT: 10.603 min Scan# 1296
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31



Tgt Ion:180 Resp: 167874
Ion Ratio Lower Upper
180 100
182 98.9 81.0 121.4
145 27.8 24.1 36.1





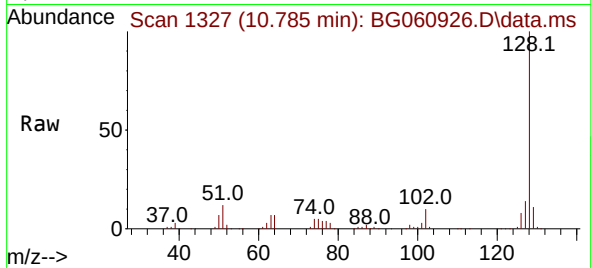
#31
Naphthalene
Concen: 44.822 ng
RT: 10.785 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS



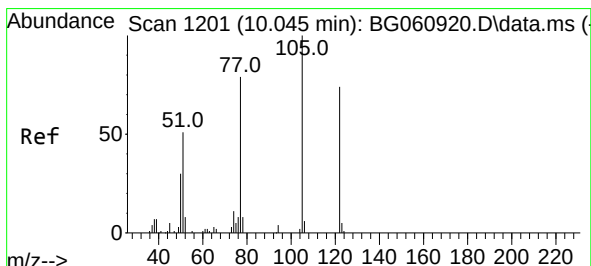
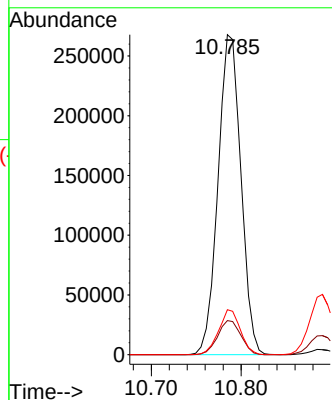
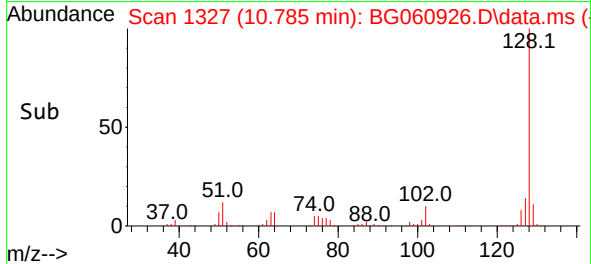
Tgt Ion:128 Resp: 473762
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 14.1 11.3 16.9

Manual Integrations

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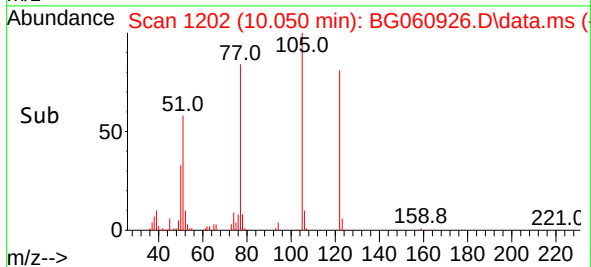
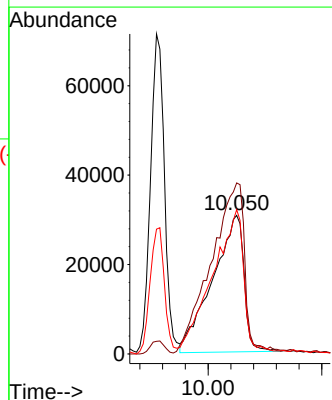
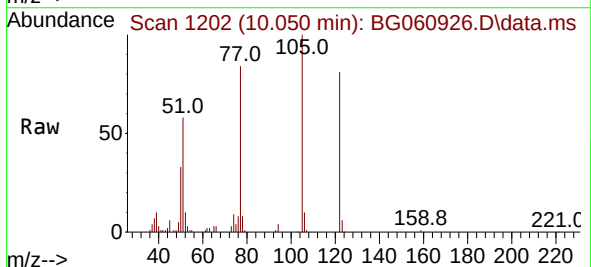
Reviewed By :Yogesh Patel 04/22/2024

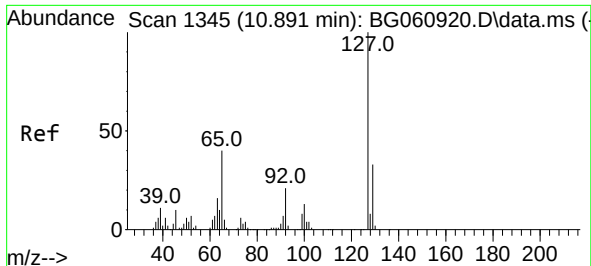
Supervised By :mohammad ahmed 04/22/2024



#32
Benzoic acid
Concen: 46.144 ng
RT: 10.050 min Scan# 1202
Delta R.T. 0.005 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Tgt Ion:122 Resp: 116810
Ion Ratio Lower Upper
122 100
105 123.4 109.8 149.8
77 104.2 84.1 124.1





#33
4-Chloroaniline
Concen: 18.782 ng
RT: 10.890 min Scan# 1345
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS

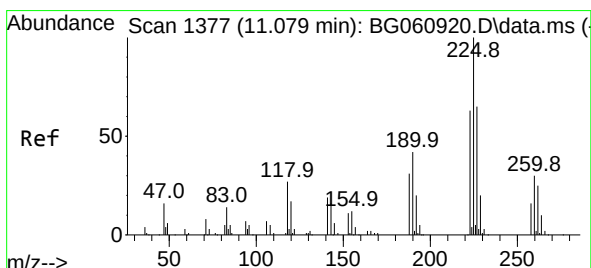
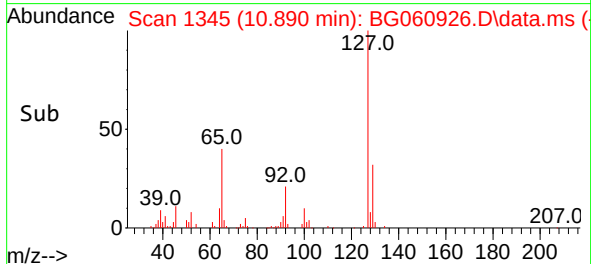
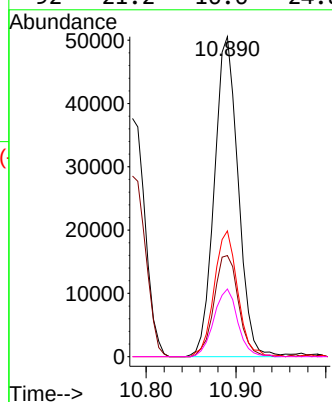
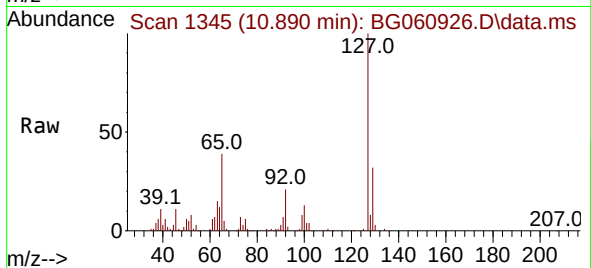
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.8	40.2
65	39.3	32.3	48.5
92	21.2	16.6	24.8

Manual Integrations

APPROVED

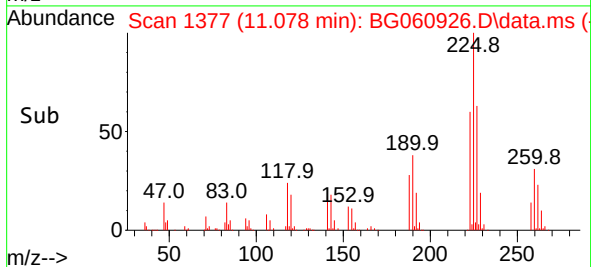
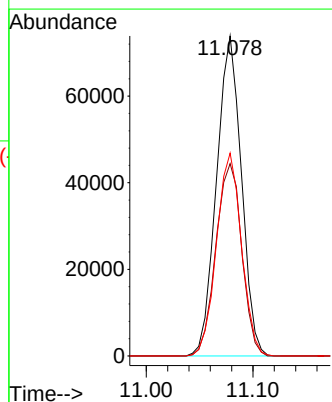
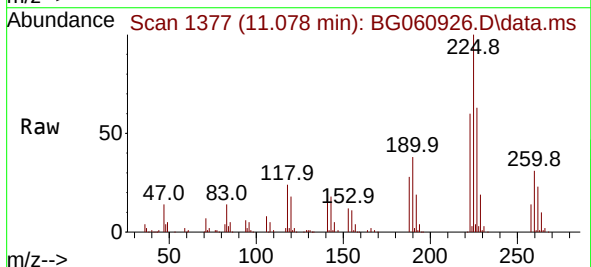
Reviewed By :Yogesh Patel 04/22/2024

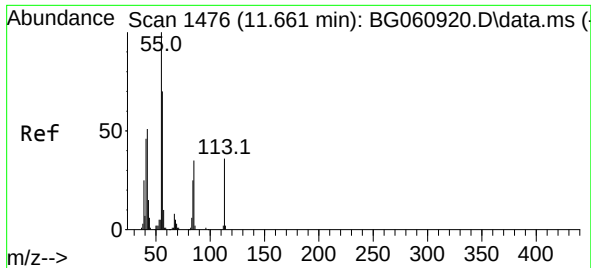
Supervised By :mohammad ahmed 04/22/2024



#34
Hexachlorobutadiene
Concen: 46.238 ng
RT: 11.078 min Scan# 1377
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

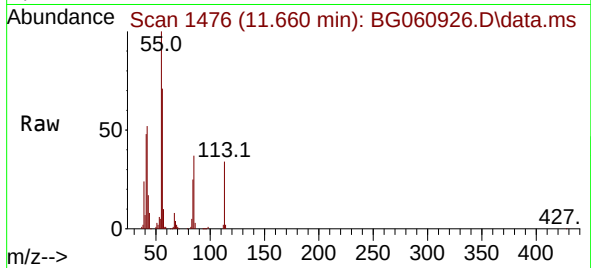
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	50.2	75.2
227	63.4	51.7	77.5





#35
Caprolactam
Concen: 44.377 ng m
RT: 11.660 min Scan# 1476
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

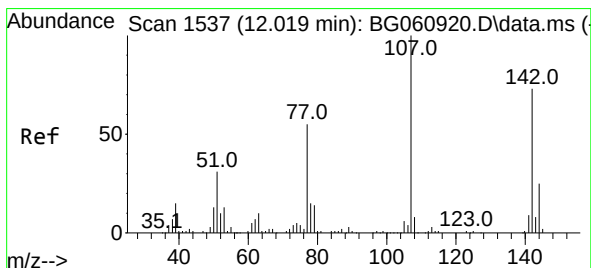
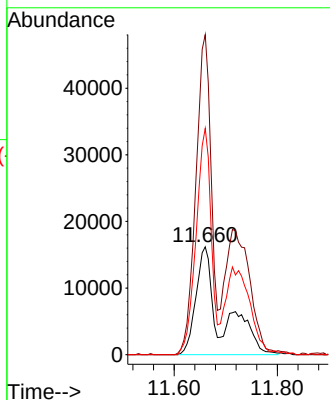
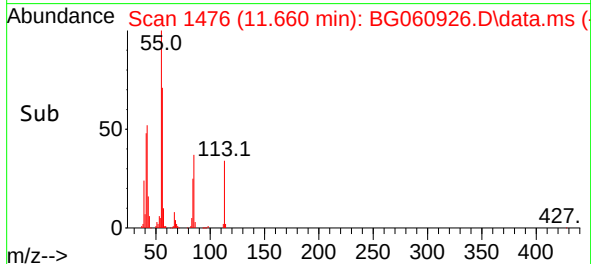
Instrument :
BNA_G
ClientSampleId :
PB160288BS



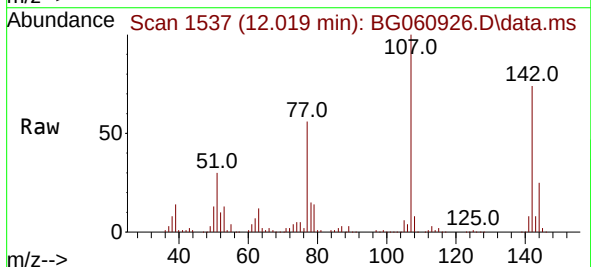
Tgt Ion:113 Resp: 55550
Ion Ratio Lower Upper
113 100
55 296.8 262.6 302.6
56 209.8 177.0 217.0

Manual Integrations
APPROVED

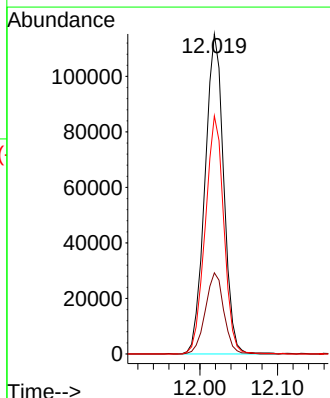
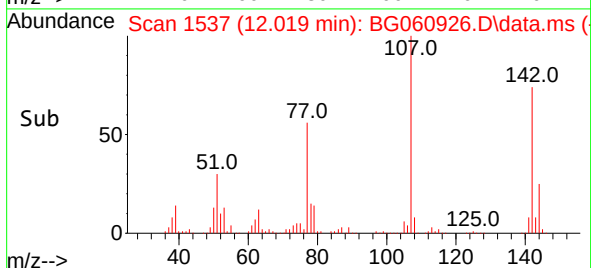
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

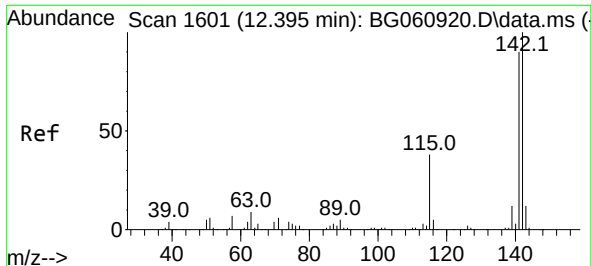


#36
4-Chloro-3-methylphenol
Concen: 47.101 ng
RT: 12.019 min Scan# 1537
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31



Tgt Ion:107 Resp: 193157
Ion Ratio Lower Upper
107 100
144 25.4 19.7 29.5
142 74.4 58.2 87.2





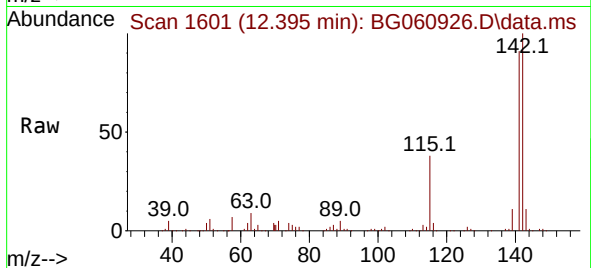
#37
2-Methylnaphthalene
Concen: 43.077 ng
RT: 12.395 min Scan# 1601
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS



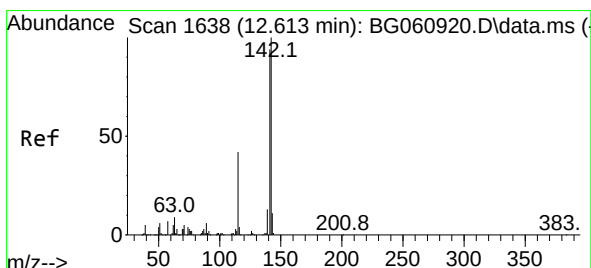
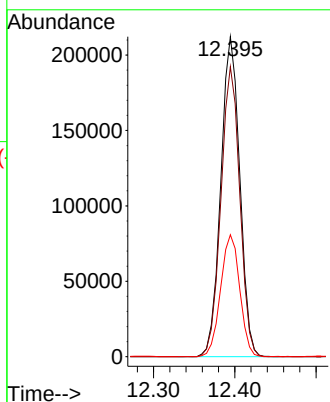
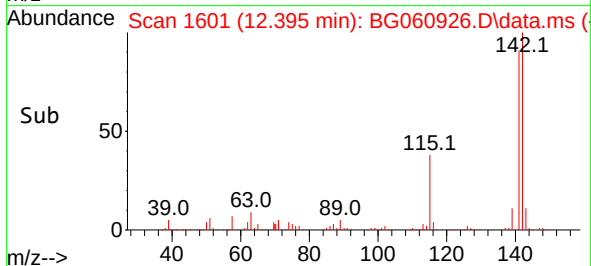
Tgt Ion:142 Resp: 34444
Ion Ratio Lower Upper
142 100
141 90.6 71.7 107.5
115 38.1 30.6 45.8

Manual Integrations

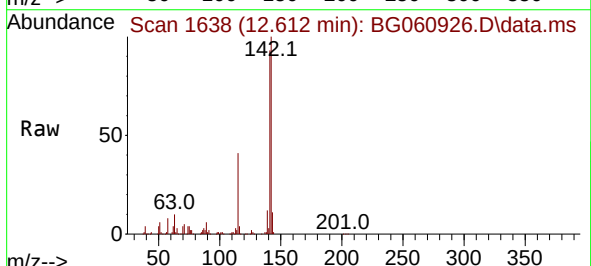
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

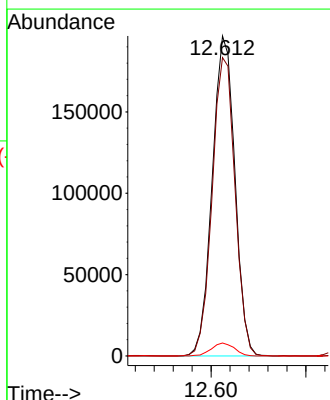
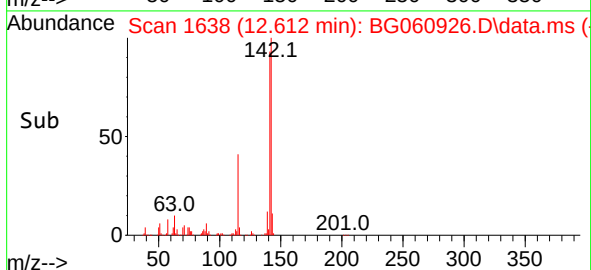
Supervised By :mohammad ahmed 04/22/2024

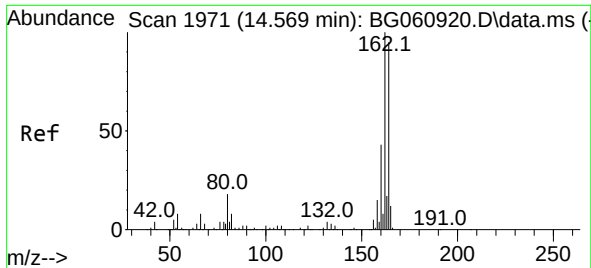


#38
1-Methylnaphthalene
Concen: 43.177 ng
RT: 12.612 min Scan# 1638
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31



Tgt Ion:142 Resp: 325935
Ion Ratio Lower Upper
142 100
141 93.3 75.1 112.7
116 4.1 3.3 4.9





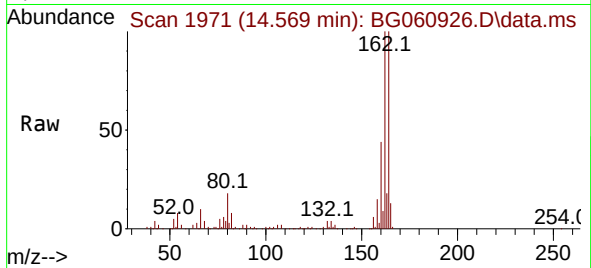
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS



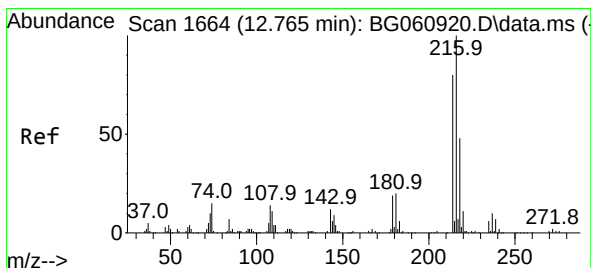
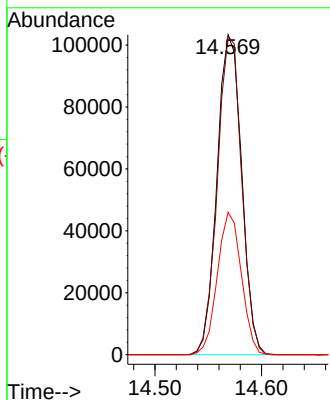
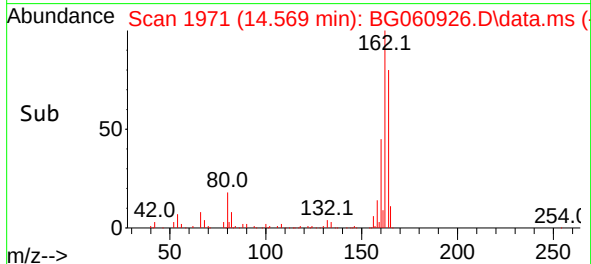
Tgt Ion:164 Resp: 165654
Ion Ratio Lower Upper
164 100
162 99.6 84.1 126.1
160 44.5 35.9 53.9

Manual Integrations

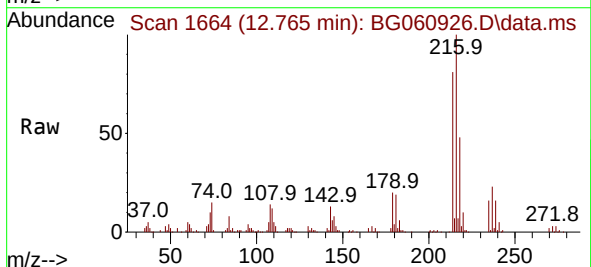
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

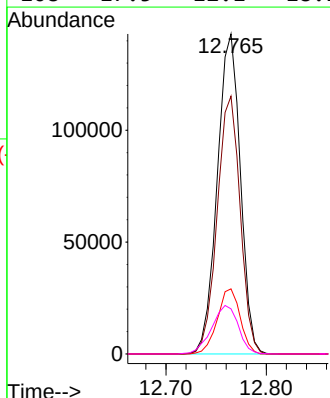
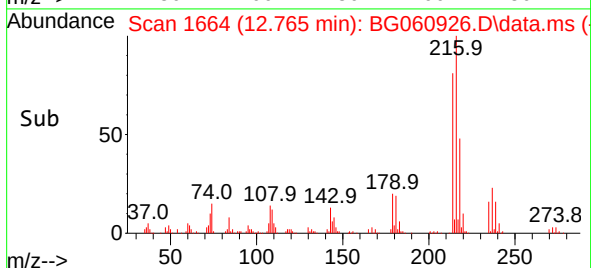
Supervised By :mohammad ahmed 04/22/2024

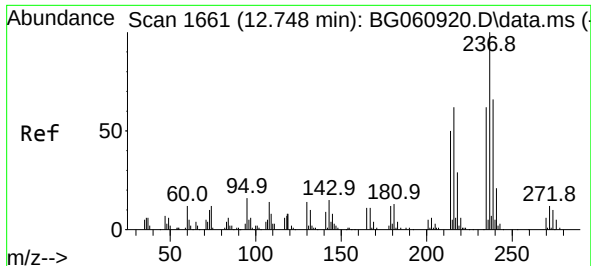


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.655 ng
RT: 12.765 min Scan# 1664
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31



Tgt Ion:216 Resp: 228265
Ion Ratio Lower Upper
216 100
214 80.1 62.8 94.2
179 20.1 15.2 22.8
108 17.5 12.1 18.1





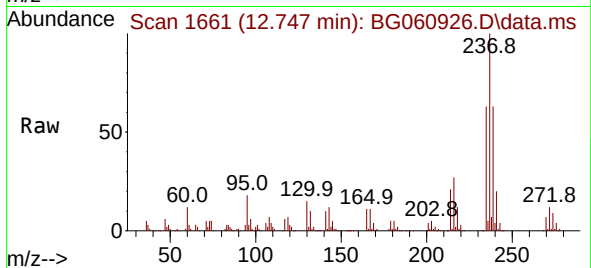
#41
Hexachlorocyclopentadiene
Concen: 107.518 ng
RT: 12.747 min Scan# 1661
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS

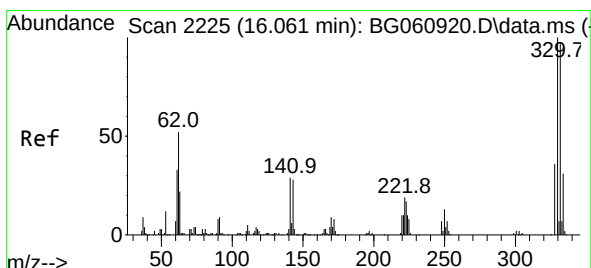
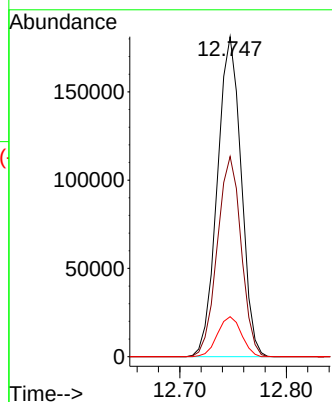
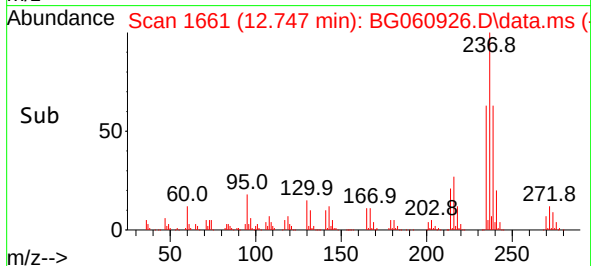


Tgt Ion:237 Resp: 28103
Ion Ratio Lower Upper
237 100
235 62.5 41.8 81.8
272 12.5 0.0 32.2

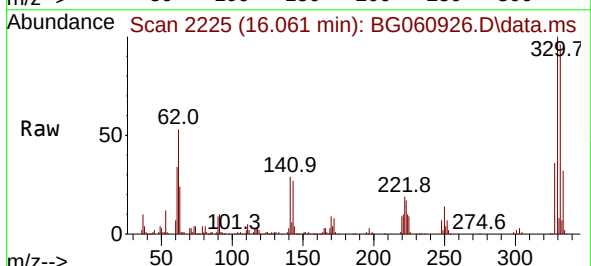
Manual Integrations

APPROVED

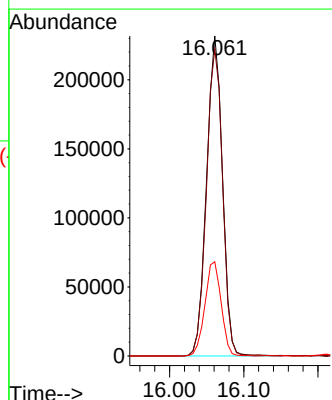
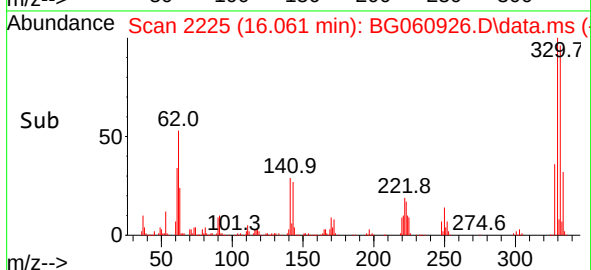
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

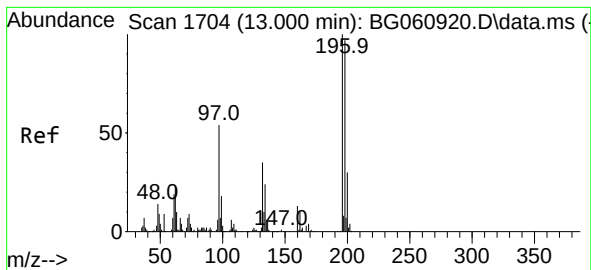


#42
2,4,6-Tribromophenol
Concen: 126.282 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31



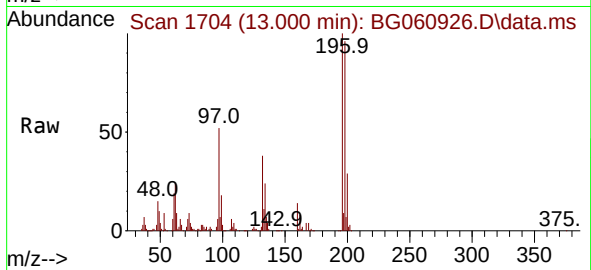
Tgt Ion:330 Resp: 345591
Ion Ratio Lower Upper
330 100
332 97.5 76.9 115.3
141 30.1 23.7 35.5





#43
2,4,6-Trichlorophenol
Concen: 45.886 ng
RT: 13.000 min Scan# 1704
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

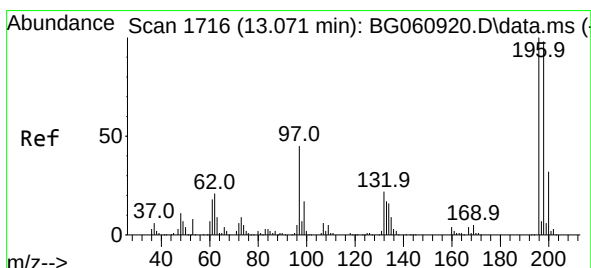
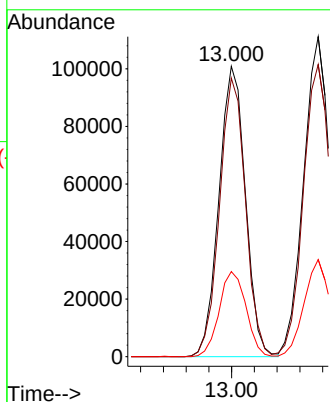
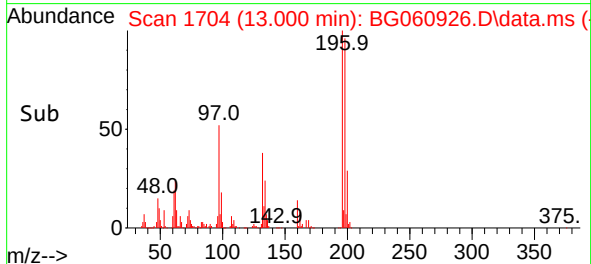
Instrument :
BNA_G
ClientSampleId :
PB160288BS



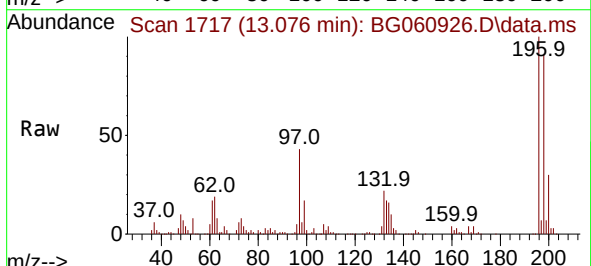
Tgt Ion:196 Resp: 163109
Ion Ratio Lower Upper
196 100
198 95.9 77.9 116.9
200 29.3 24.3 36.5

Manual Integrations
APPROVED

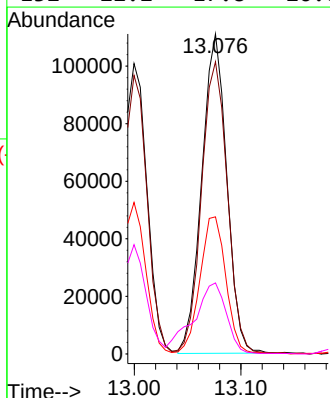
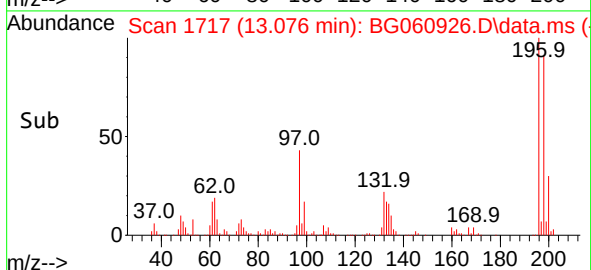
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

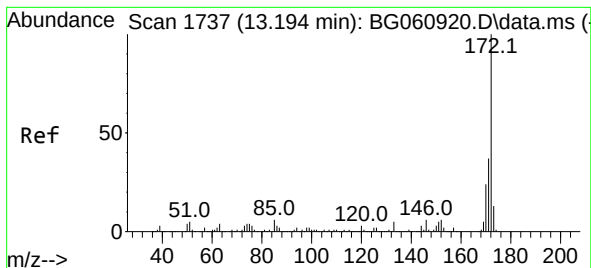


#44
2,4,5-Trichlorophenol
Concen: 42.245 ng
RT: 13.076 min Scan# 1717
Delta R.T. 0.005 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31



Tgt Ion:196 Resp: 181094
Ion Ratio Lower Upper
196 100
198 91.3 78.2 117.4
97 42.9 35.9 53.9
132 22.2 17.8 26.6





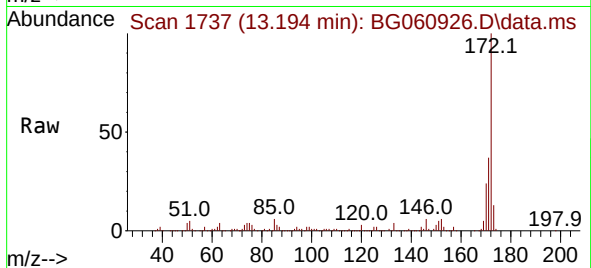
#45
2-Fluorobiphenyl
Concen: 84.280 ng
RT: 13.194 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS



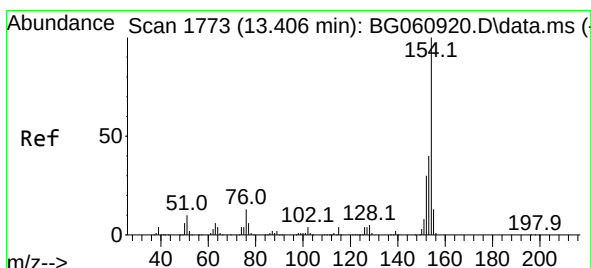
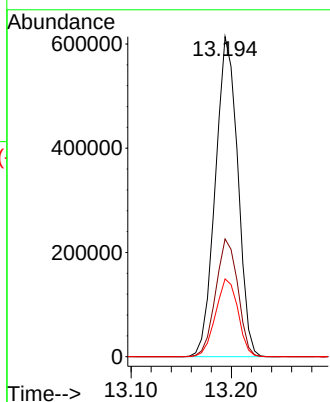
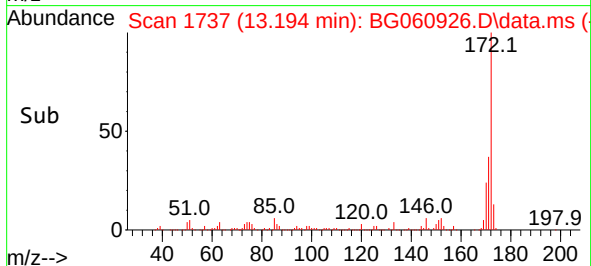
Tgt Ion:172 Resp: 951390
Ion Ratio Lower Upper
172 100
171 36.8 29.3 43.9
170 24.3 19.5 29.3

Manual Integrations

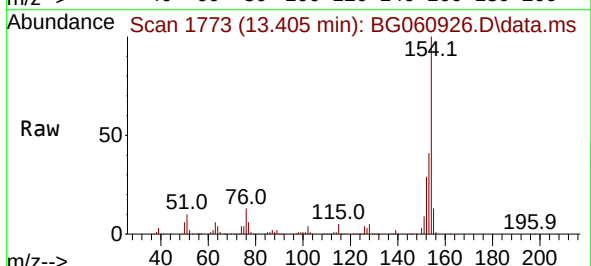
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

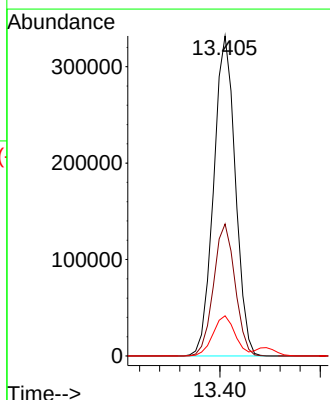
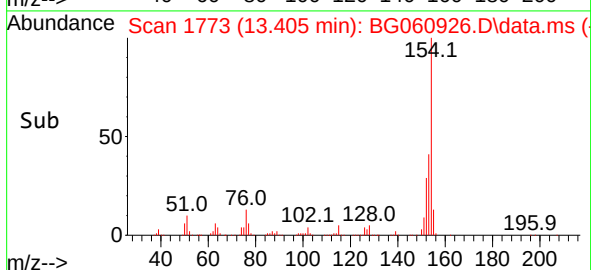
Supervised By :mohammad ahmed 04/22/2024

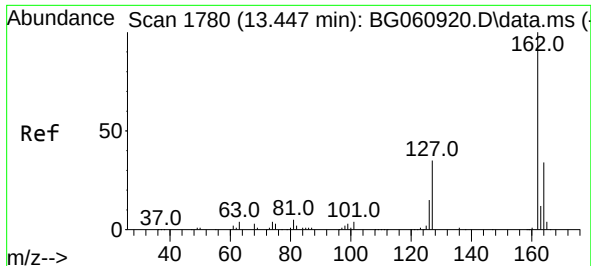


#46
1,1'-Biphenyl
Concen: 44.093 ng
RT: 13.405 min Scan# 1773
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31



Tgt Ion:154 Resp: 496638
Ion Ratio Lower Upper
154 100
153 41.2 19.9 59.9
76 12.6 0.0 32.7





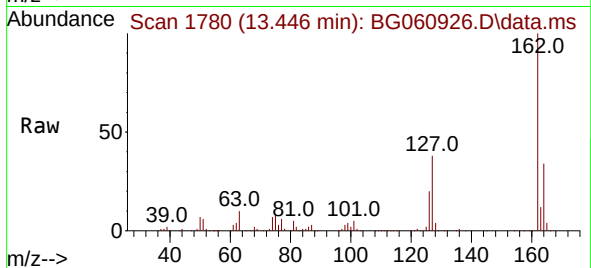
#47
2-Chloronaphthalene
Concen: 45.137 ng
RT: 13.446 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS



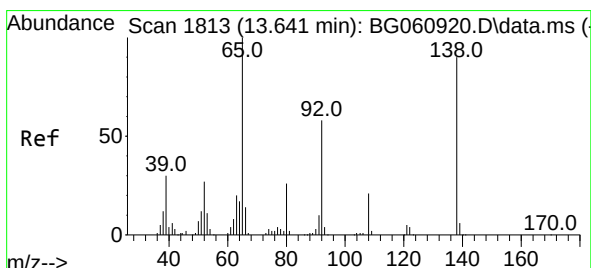
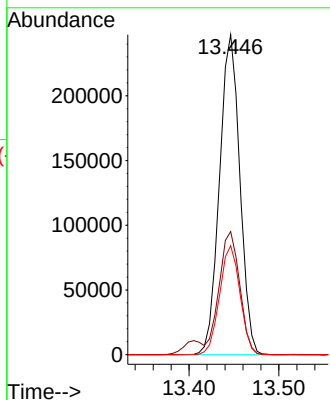
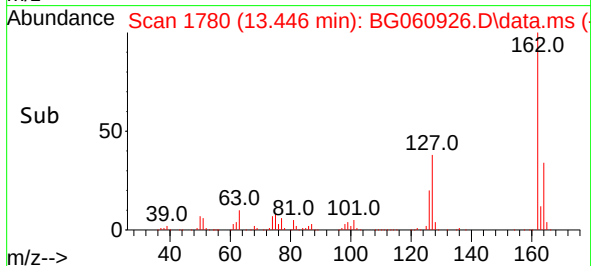
Tgt Ion:162 Resp: 38911
Ion Ratio Lower Upper
162 100
127 38.4 31.0 46.6
164 34.1 27.2 40.8

Manual Integrations

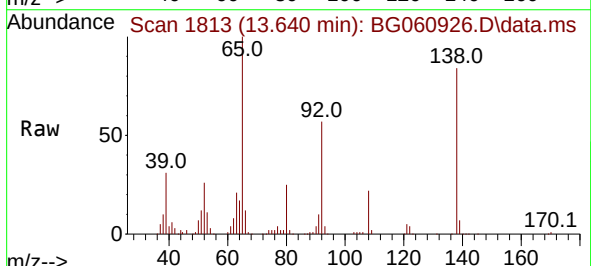
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

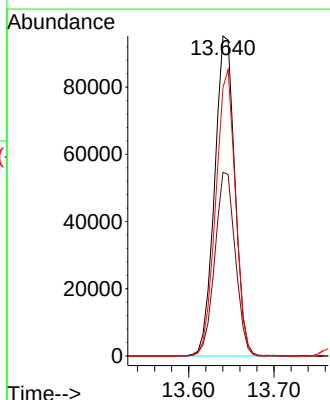
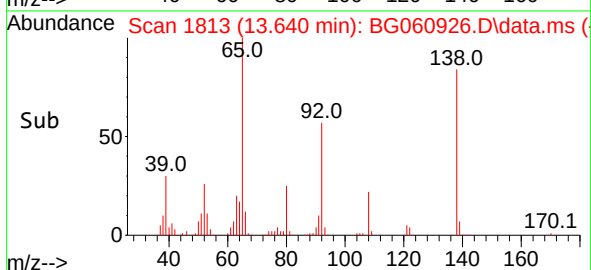
Supervised By :mohammad ahmed 04/22/2024

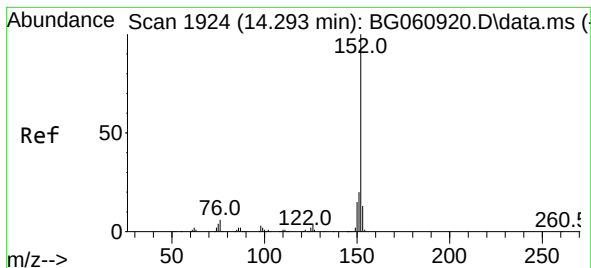


#48
2-Nitroaniline
Concen: 44.413 ng
RT: 13.640 min Scan# 1813
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31



Tgt Ion: 65 Resp: 157116
Ion Ratio Lower Upper
65 100
92 57.4 46.5 69.7
138 83.9 71.8 107.8





#49

Acenaphthylene

Concen: 46.594 ng

RT: 14.292 min Scan# 1924

Delta R.T. -0.001 min

Lab File: BG060926.D

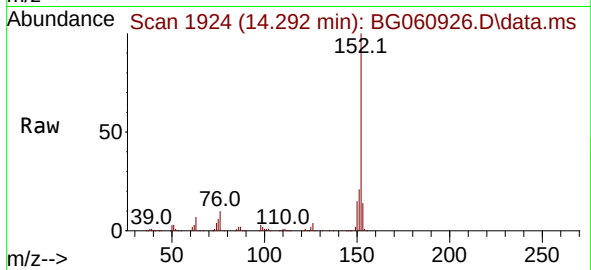
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS



Tgt Ion:152 Resp: 67922

Ion Ratio Lower Upper

152 100

151 21.4 16.3 24.5

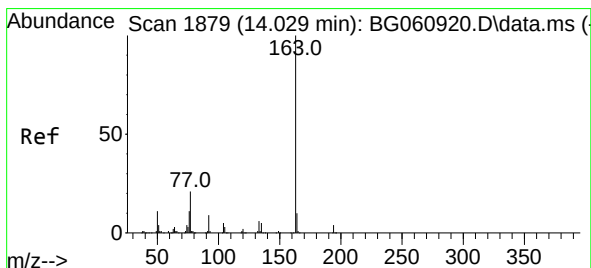
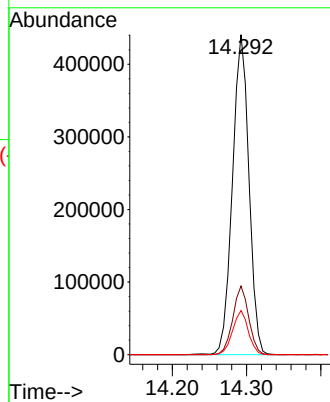
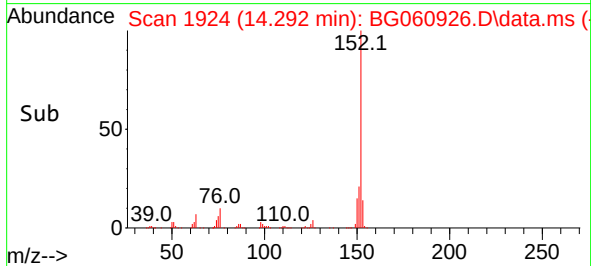
153 13.8 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#50

Dimethylphthalate

Concen: 44.188 ng

RT: 14.028 min Scan# 1879

Delta R.T. -0.001 min

Lab File: BG060926.D

Acq: 17 Apr 2024 19:31

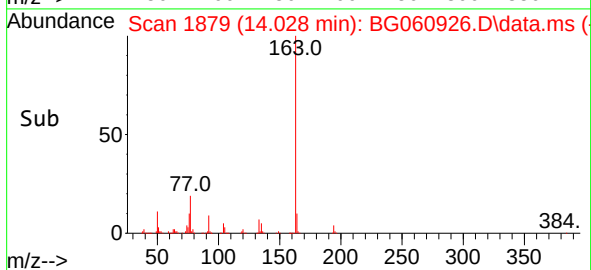
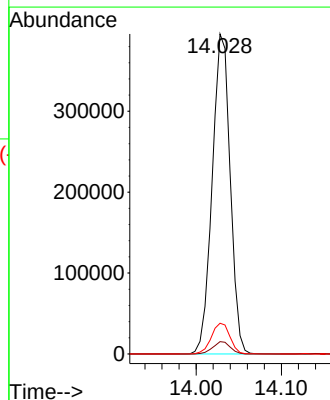
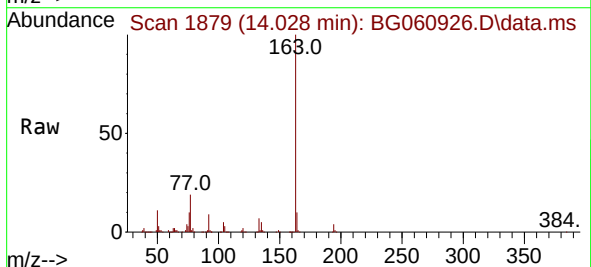
Tgt Ion:163 Resp: 580862

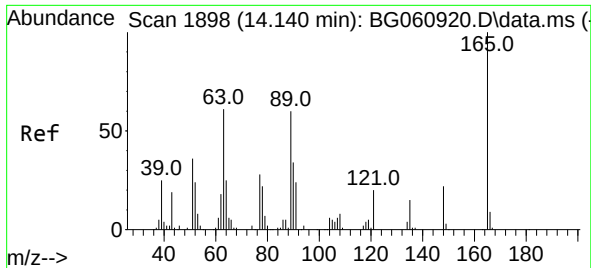
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

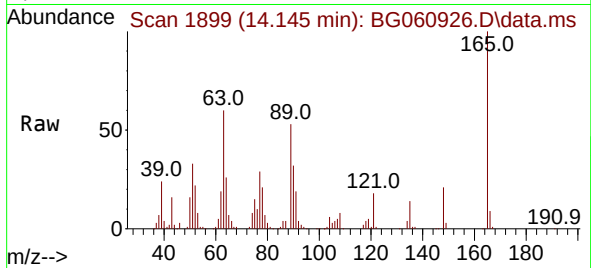
164 9.6 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 44.985 ng
RT: 14.145 min Scan# 1899
Delta R.T. 0.005 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

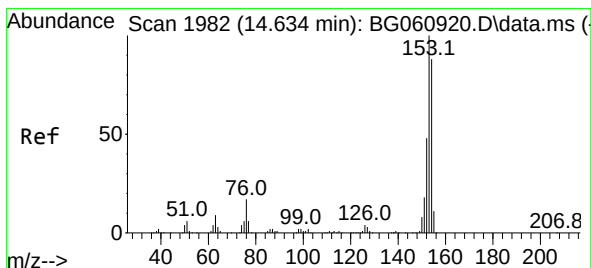
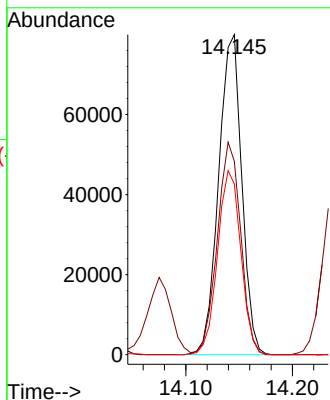
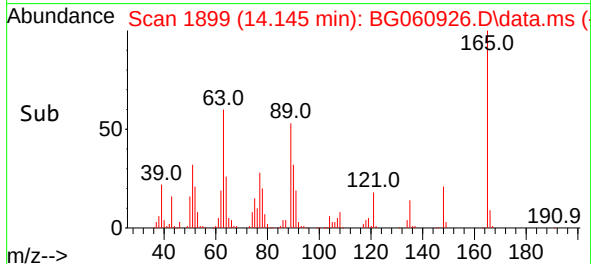
Instrument :
BNA_G
ClientSampleId :
PB160288BS



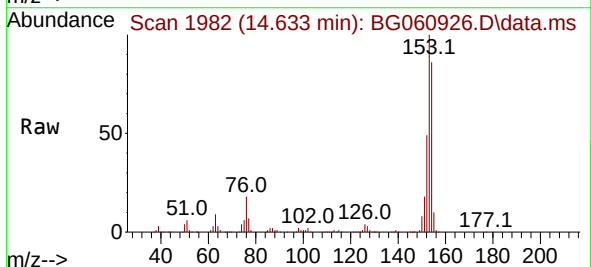
Tgt Ion:165 Resp: 120524
Ion Ratio Lower Upper
165 100
63 60.4 53.8 80.8
89 53.3 48.2 72.4

Manual Integrations
APPROVED

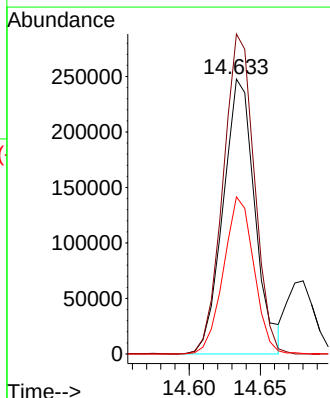
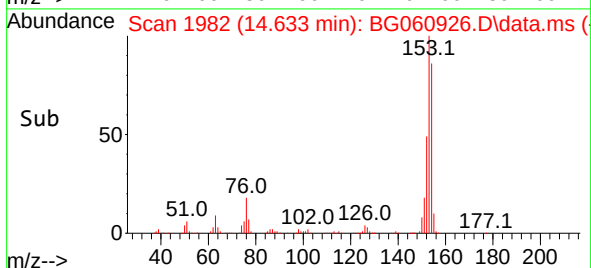
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

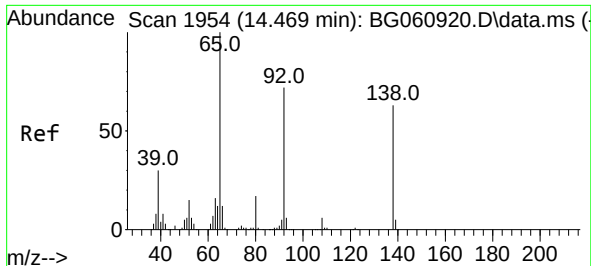


#52
Acenaphthene
Concen: 43.700 ng
RT: 14.633 min Scan# 1982
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31



Tgt Ion:154 Resp: 386347
Ion Ratio Lower Upper
154 100
153 116.4 91.4 137.0
152 57.1 44.1 66.1





#53
3-Nitroaniline
Concen: 26.434 ng
RT: 14.469 min Scan# 1954
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

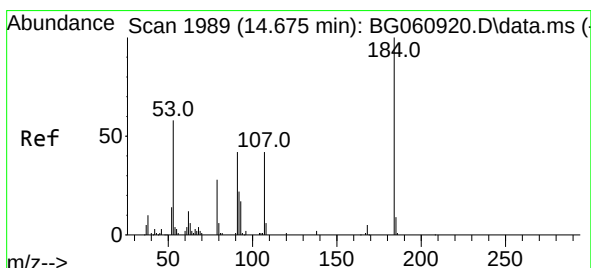
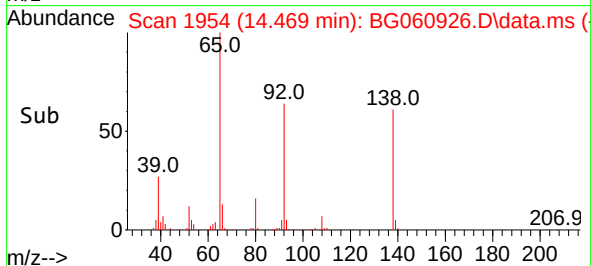
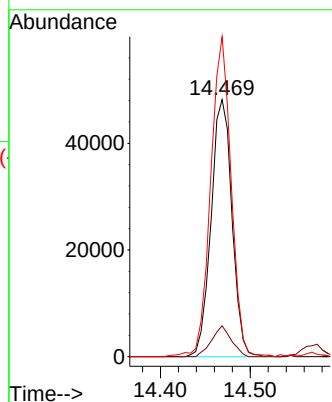
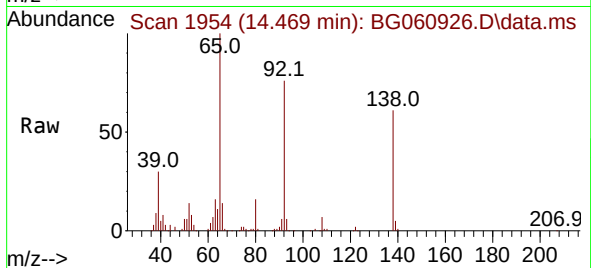
PB160288BS

Tgt Ion:138 Resp: 77744
Ion Ratio Lower Upper
138 100
108 12.0 7.5 11.3
92 124.4 92.5 138.7

Manual Integrations

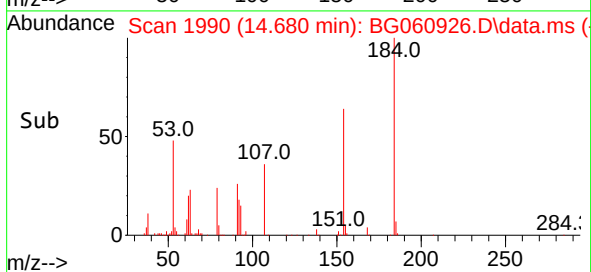
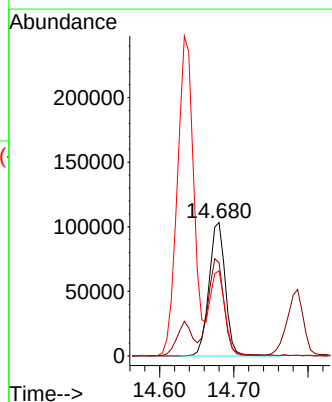
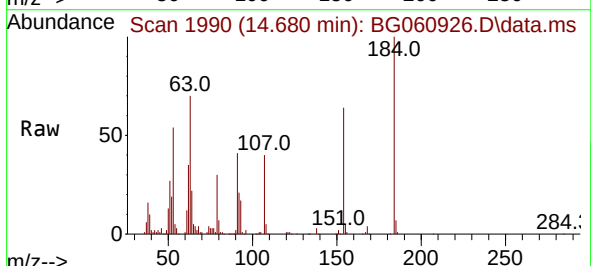
APPROVED

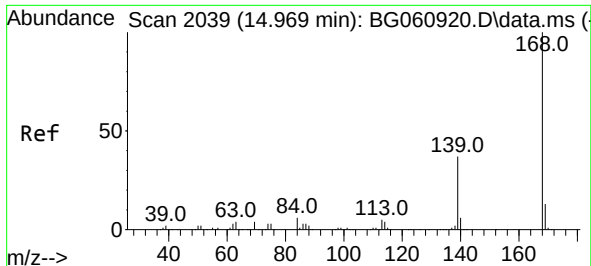
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#54
2,4-Dinitrophenol
Concen: 91.719 ng
RT: 14.680 min Scan# 1990
Delta R.T. 0.005 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Tgt Ion:184 Resp: 158450
Ion Ratio Lower Upper
184 100
63 69.8 52.0 78.0
154 63.8 50.7 76.1





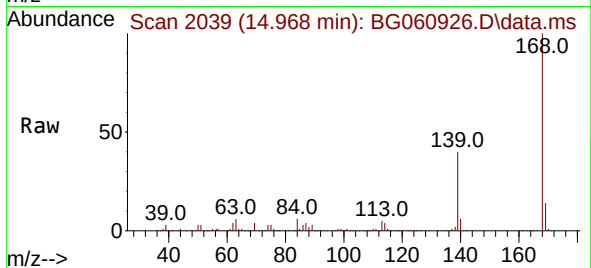
#55
Dibenzofuran
Concen: 43.003 ng
RT: 14.968 min Scan# 2039
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS



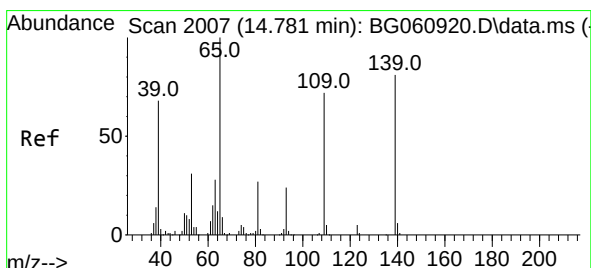
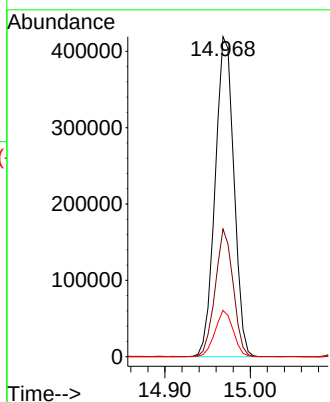
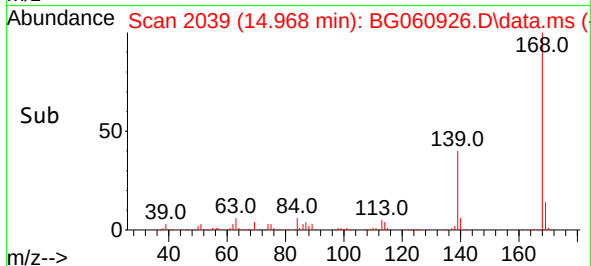
Tgt Ion:168 Resp: 642227
Ion Ratio Lower Upper
168 100
139 39.9 29.9 44.9
169 14.4 10.6 16.0

Manual Integrations

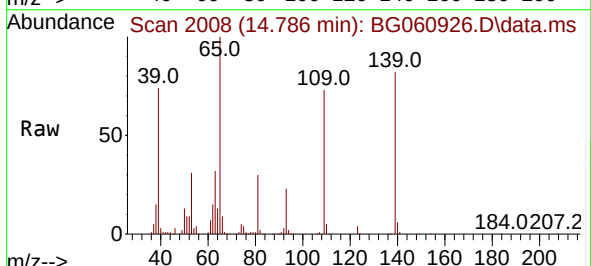
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

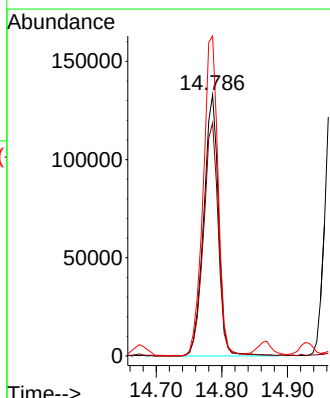
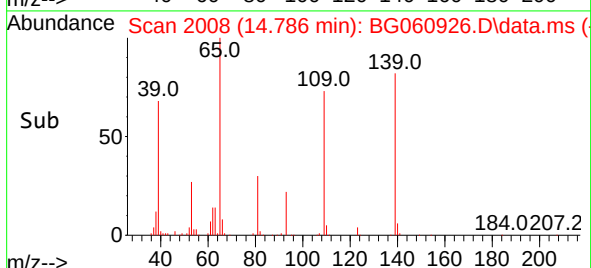
Supervised By :mohammad ahmed 04/22/2024

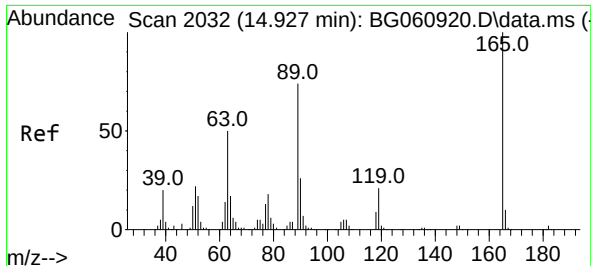


#56
4-Nitrophenol
Concen: 93.028 ng
RT: 14.786 min Scan# 2008
Delta R.T. 0.005 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31



Tgt Ion:139 Resp: 209480
Ion Ratio Lower Upper
139 100
109 89.2 69.7 109.7
65 122.6 103.7 143.7





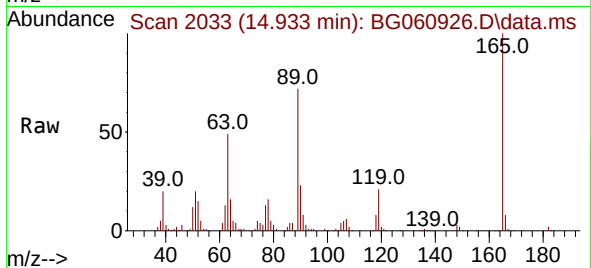
#57
2,4-Dinitrotoluene
Concen: 46.622 ng
RT: 14.933 min Scan# 2033
Delta R.T. 0.005 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS



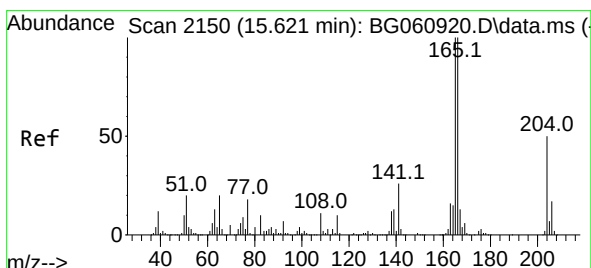
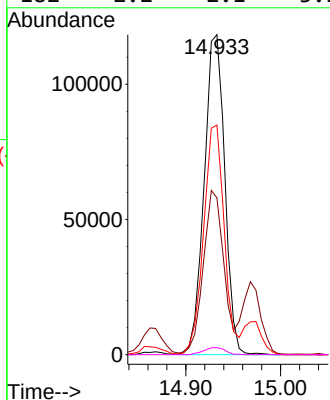
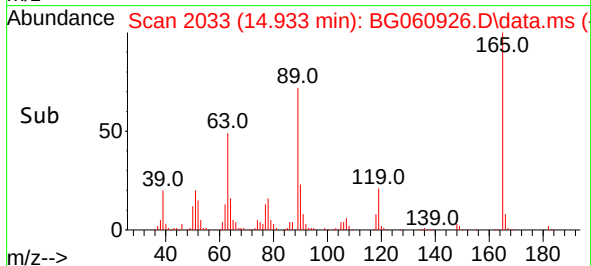
Tgt Ion:165 Resp: 178490
Ion Ratio Lower Upper
165 100
63 49.0 40.2 60.2
89 71.8 59.0 88.4
182 2.2 2.1 3.1

Manual Integrations

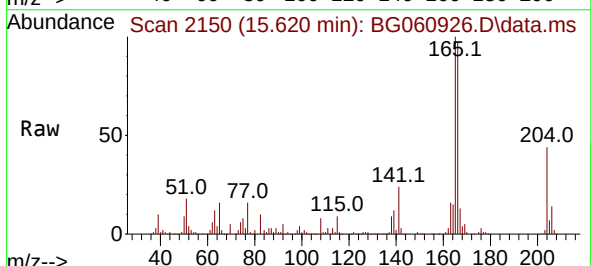
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

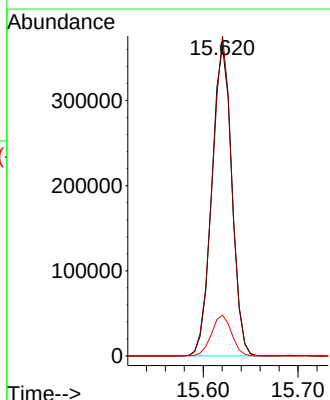
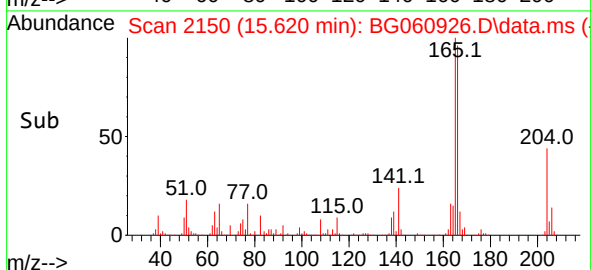
Supervised By :mohammad ahmed 04/22/2024

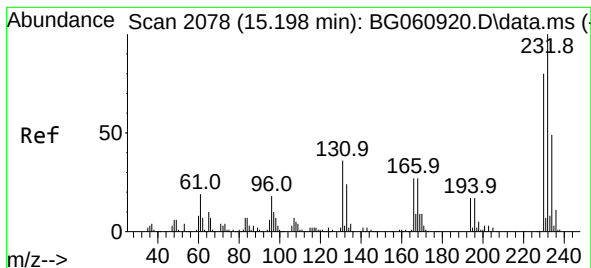


#58
Fluorene
Concen: 42.984 ng
RT: 15.620 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31



Tgt Ion:166 Resp: 532482
Ion Ratio Lower Upper
166 100
165 103.4 80.2 120.4
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.790 ng
RT: 15.197 min Scan# 2078
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

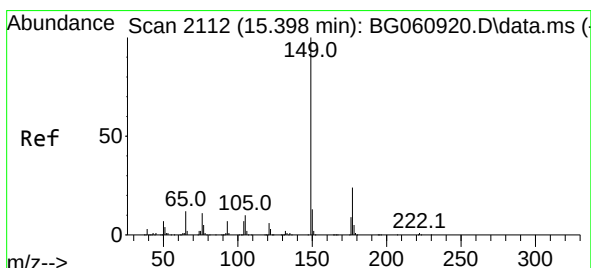
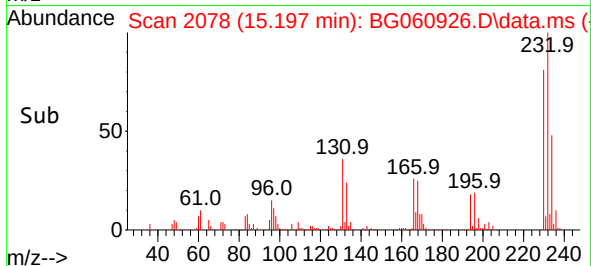
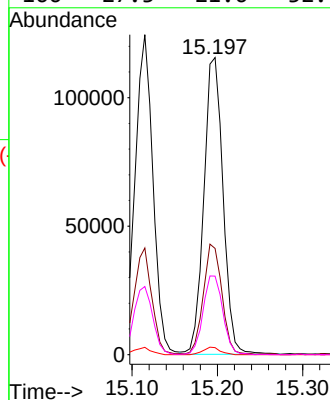
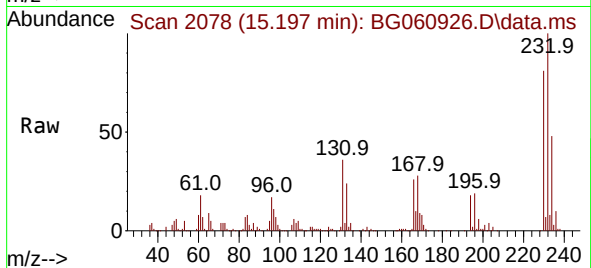
PB160288BS

Tgt Ion:232 Resp: 18032
Ion Ratio Lower Upper
232 100
131 35.8 29.8 44.8
130 2.2 1.8 2.8
166 27.3 21.6 32.4

Manual Integrations

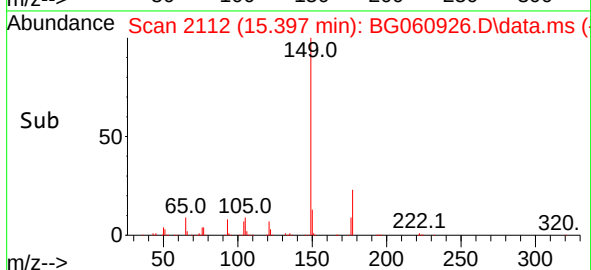
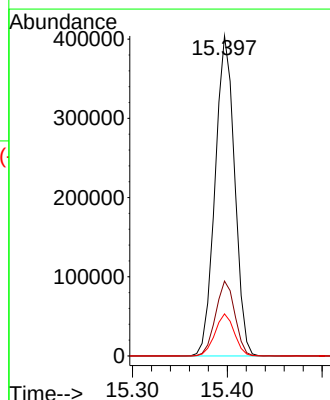
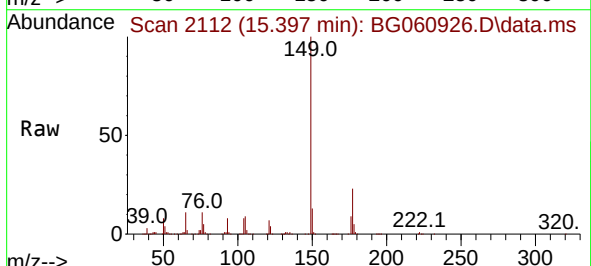
APPROVED

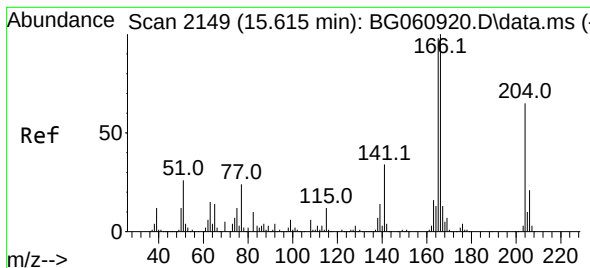
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#60
Diethylphthalate
Concen: 43.837 ng
RT: 15.397 min Scan# 2112
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Tgt Ion:149 Resp: 577177
Ion Ratio Lower Upper
149 100
177 23.4 19.0 28.4
150 13.1 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 42.556 ng
RT: 15.614 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

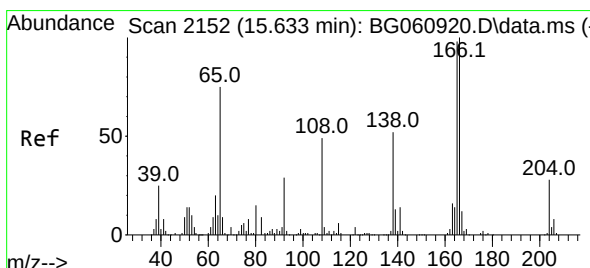
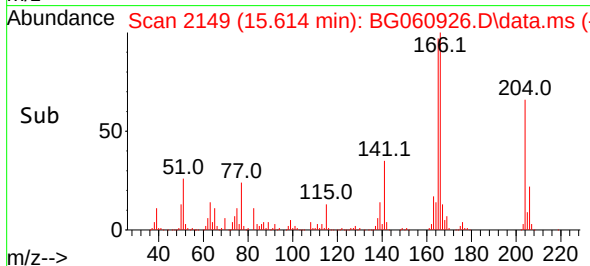
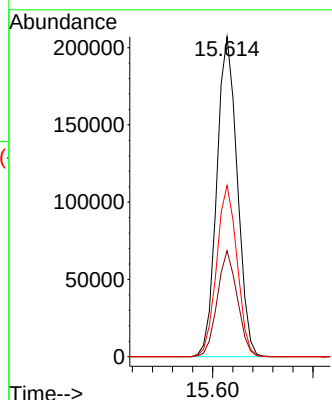
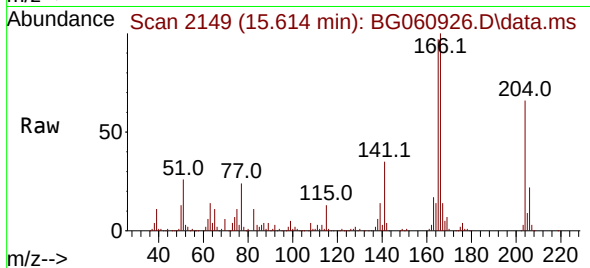
PB160288BS

Tgt Ion:204 Resp: 29222
Ion Ratio Lower Upper
204 100
206 33.1 25.4 38.0
141 53.5 42.0 63.0

Manual Integrations

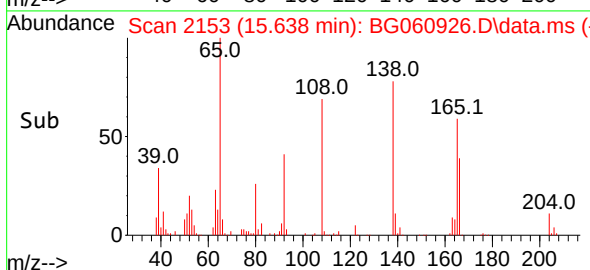
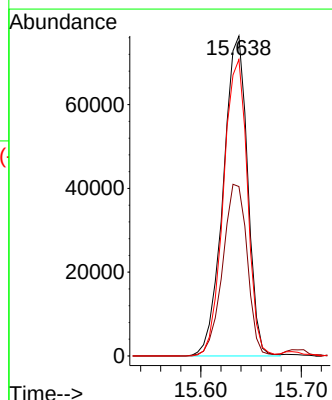
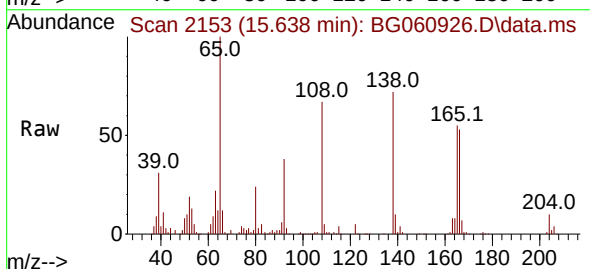
APPROVED

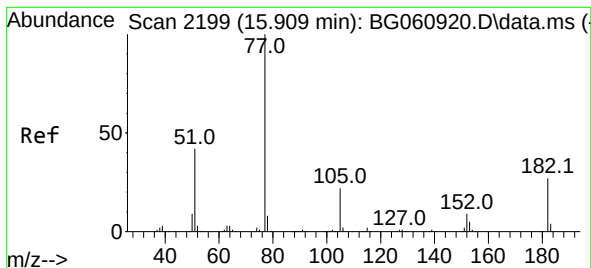
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#62
4-Nitroaniline
Concen: 40.677 ng
RT: 15.638 min Scan# 2153
Delta R.T. 0.005 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Tgt Ion:138 Resp: 128631
Ion Ratio Lower Upper
138 100
92 53.0 34.8 74.8
108 92.6 73.9 113.9





#63
Azobenzene
Concen: 43.564 ng
RT: 15.908 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

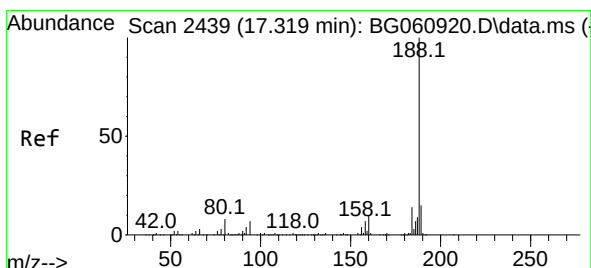
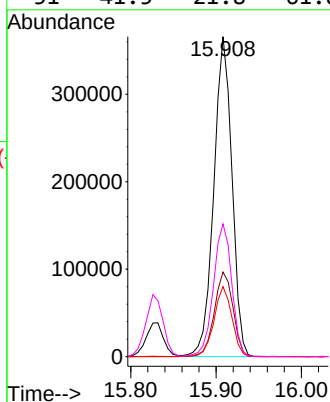
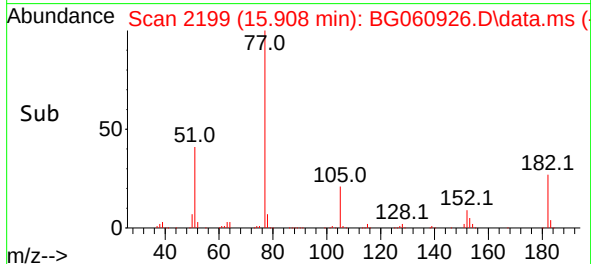
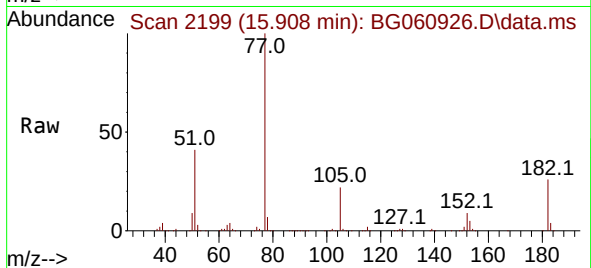
PB160288BS

Tgt Ion: 77 Resp: 54060
Ion Ratio Lower Upper
77 100
182 26.5 6.8 46.8
105 21.9 1.7 41.7
51 41.5 21.8 61.8

Manual Integrations

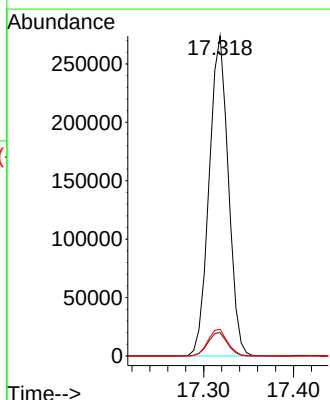
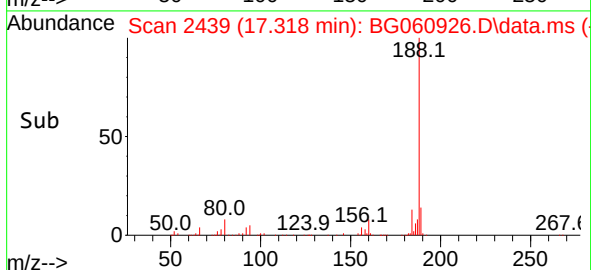
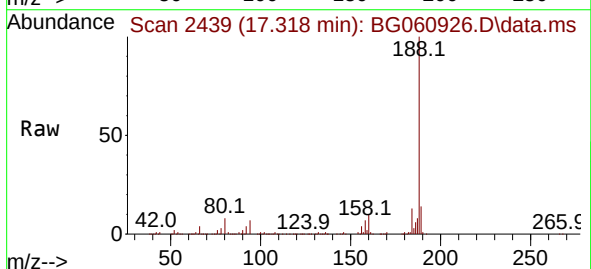
APPROVED

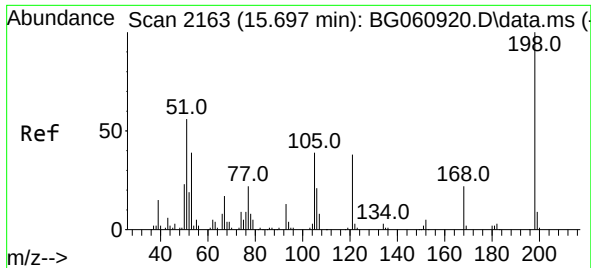
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Tgt Ion:188 Resp: 405732
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 8.3 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 49.840 ng
RT: 15.697 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

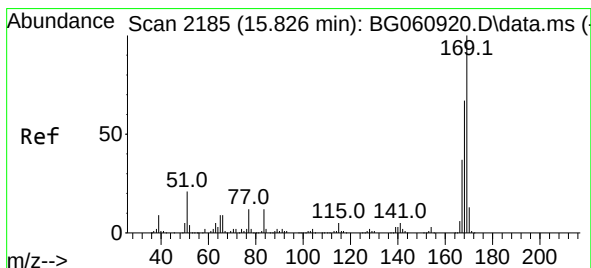
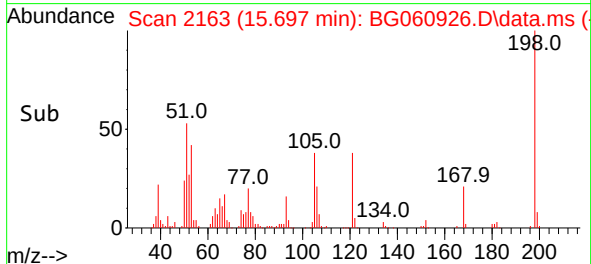
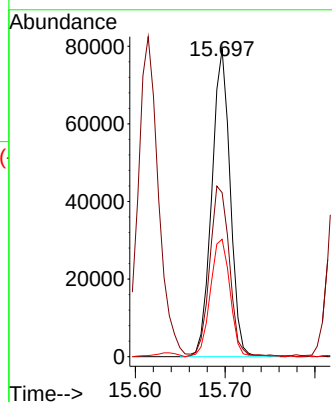
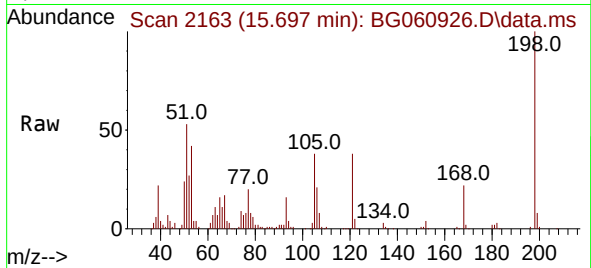
PB160288BS

Tgt Ion:198 Resp: 112819
Ion Ratio Lower Upper
198 100
51 53.4 38.2 78.2
105 38.2 19.7 59.7

Manual Integrations

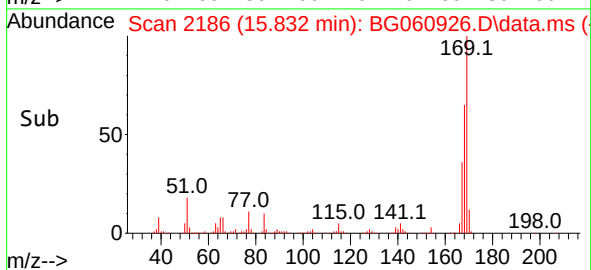
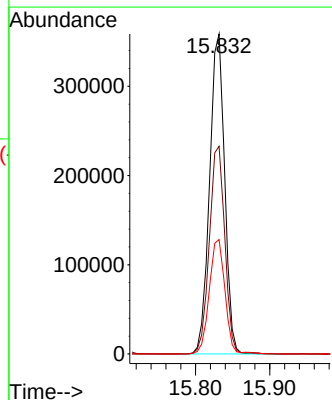
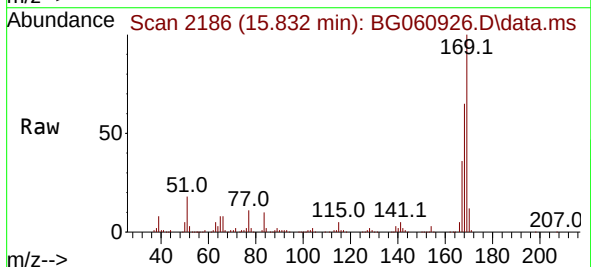
APPROVED

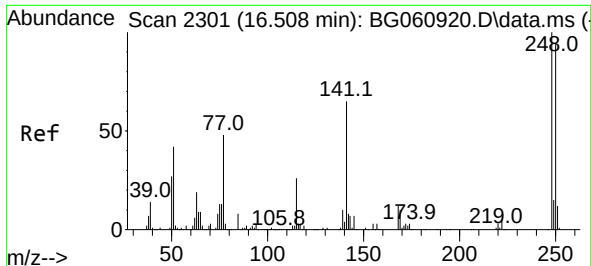
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#66
n-Nitrosodiphenylamine
Concen: 45.444 ng
RT: 15.832 min Scan# 2186
Delta R.T. 0.005 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Tgt Ion:169 Resp: 506148
Ion Ratio Lower Upper
169 100
168 64.9 53.7 80.5
167 35.8 29.8 44.6





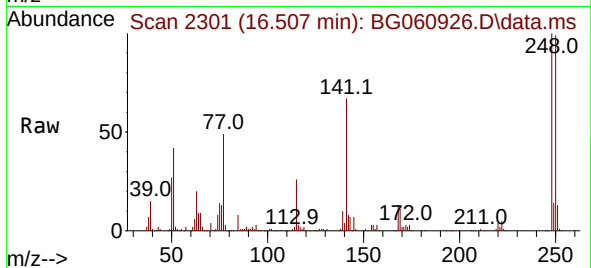
#67
4-Bromophenyl-phenylether
Concen: 44.866 ng
RT: 16.507 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS



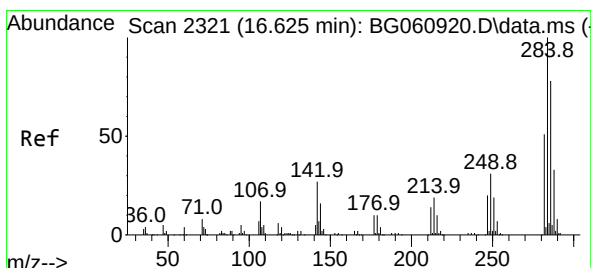
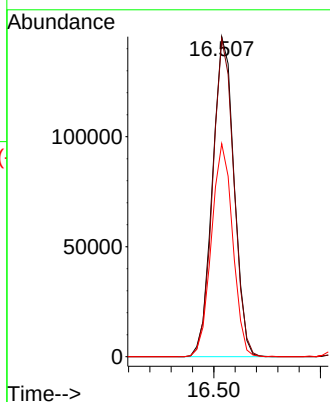
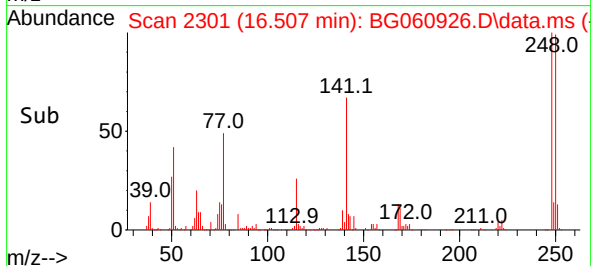
Tgt Ion:248 Resp: 20392
Ion Ratio Lower Upper
248 100
250 99.4 75.4 113.2
141 66.6 52.2 78.2

Manual Integrations

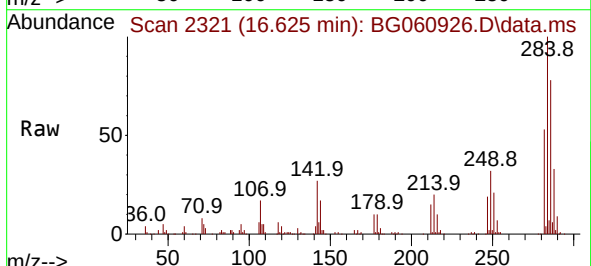
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

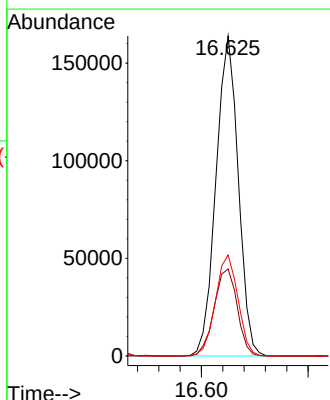
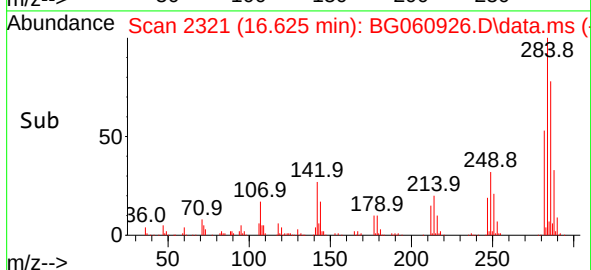
Supervised By :mohammad ahmed 04/22/2024

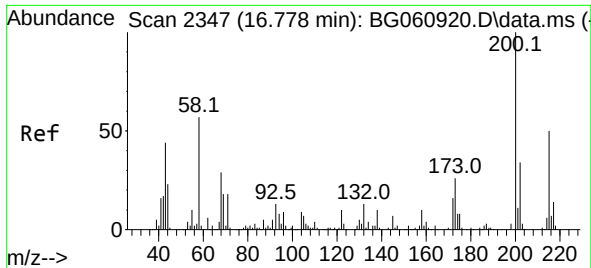


#68
Hexachlorobenzene
Concen: 47.954 ng
RT: 16.625 min Scan# 2321
Delta R.T. -0.000 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31



Tgt Ion:284 Resp: 237166
Ion Ratio Lower Upper
284 100
142 27.2 21.2 31.8
249 31.6 24.9 37.3





#69
 Atrazine
 Concen: 51.065 ng
 RT: 16.784 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG060926.D
 Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

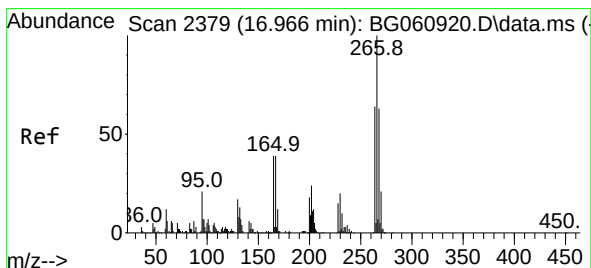
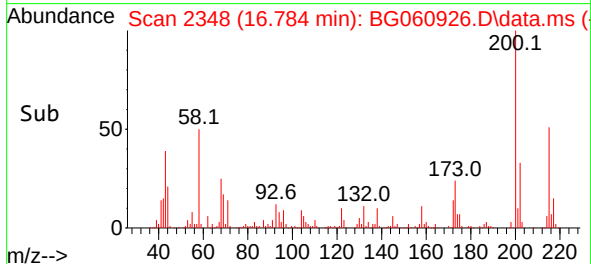
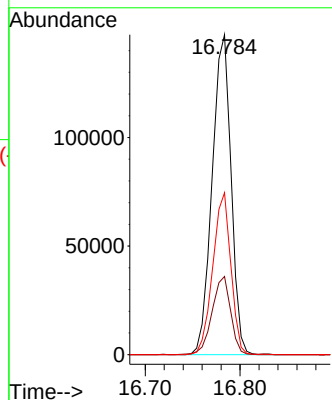
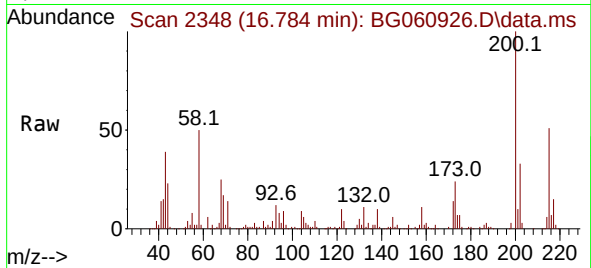
PB160288BS

Tgt Ion:200 Resp: 204400
 Ion Ratio Lower Upper
 200 100
 173 24.4 6.5 46.5
 215 50.6 30.4 70.4

Manual Integrations

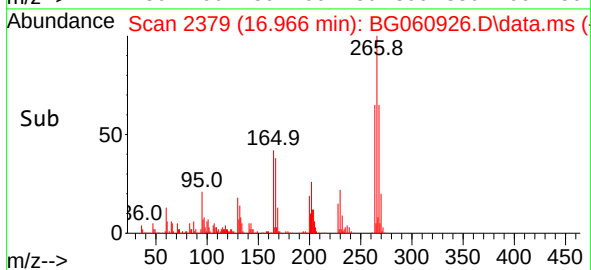
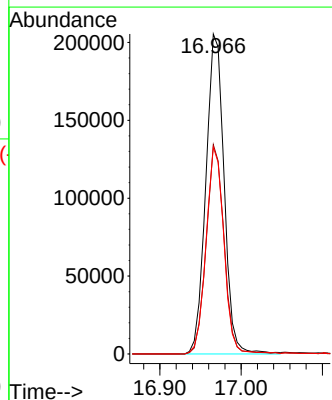
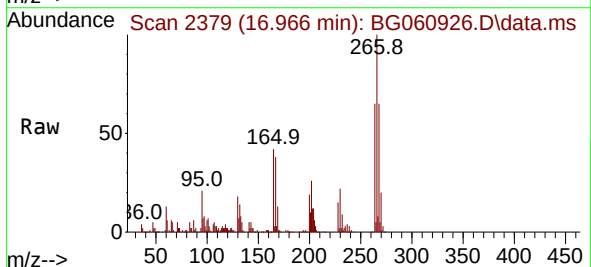
APPROVED

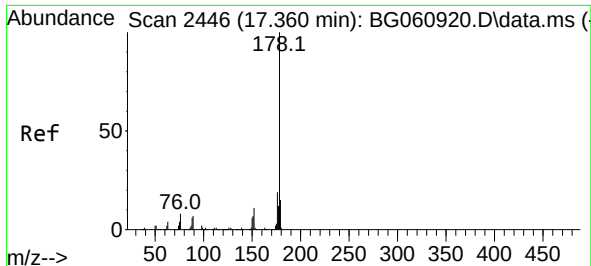
Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024



#70
 Pentachlorophenol
 Concen: 95.531 ng
 RT: 16.966 min Scan# 2379
 Delta R.T. -0.001 min
 Lab File: BG060926.D
 Acq: 17 Apr 2024 19:31

Tgt Ion:266 Resp: 319971
 Ion Ratio Lower Upper
 266 100
 268 65.4 50.2 75.2
 264 64.7 51.2 76.8





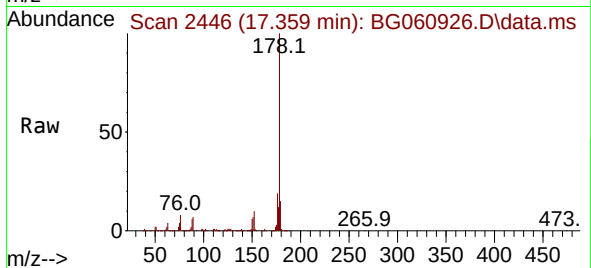
#71
Phenanthrene
Concen: 45.609 ng
RT: 17.359 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS



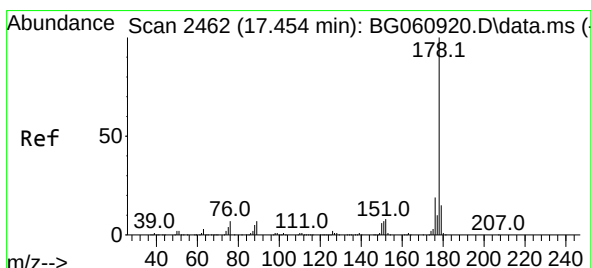
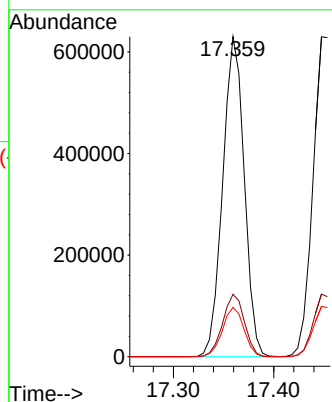
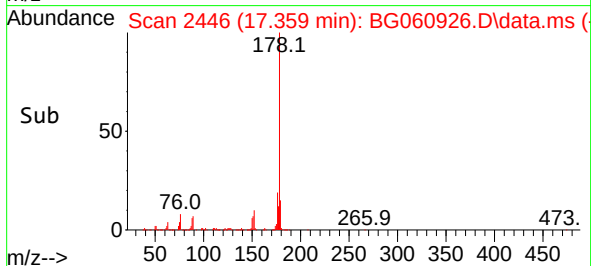
Tgt Ion:178 Resp: 936664
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.4 12.0 18.0

Manual Integrations

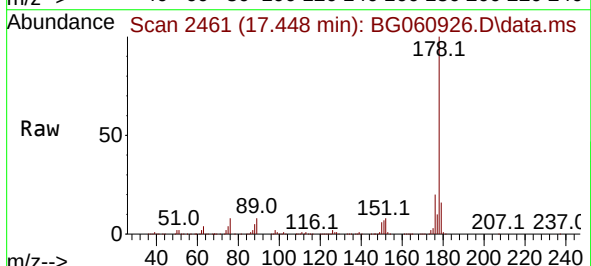
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

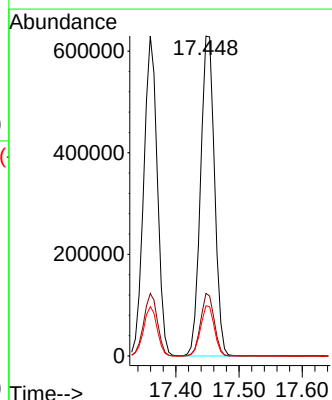
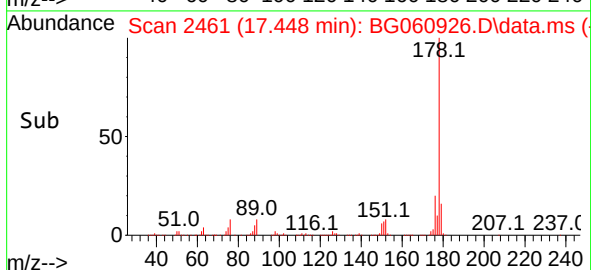
Supervised By :mohammad ahmed 04/22/2024

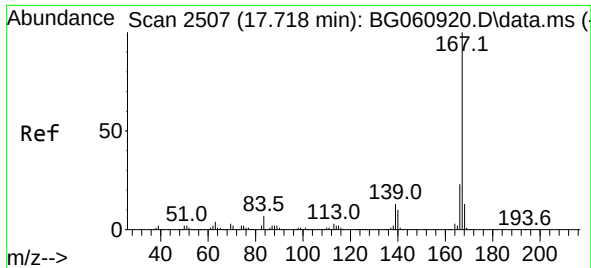


#72
Anthracene
Concen: 45.854 ng
RT: 17.448 min Scan# 2461
Delta R.T. -0.006 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31



Tgt Ion:178 Resp: 967305
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.4
179 15.7 11.6 17.4





#73
 Carbazole
 Concen: 45.417 ng
 RT: 17.718 min Scan# 2507
 Delta R.T. -0.001 min
 Lab File: BG060926.D
 Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

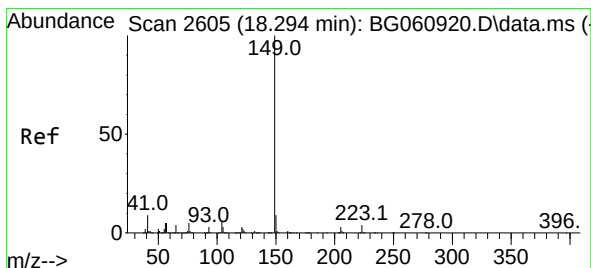
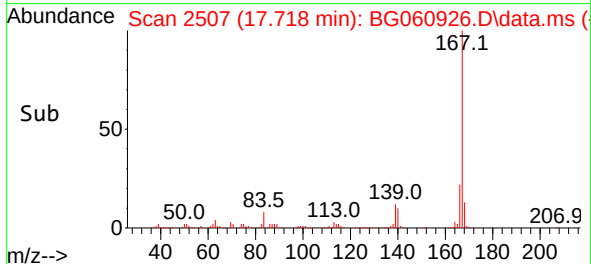
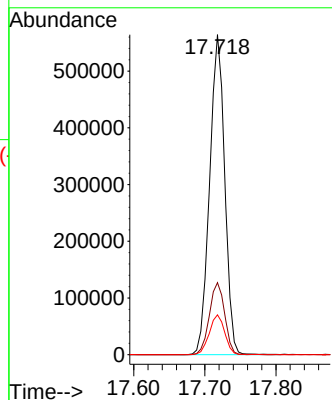
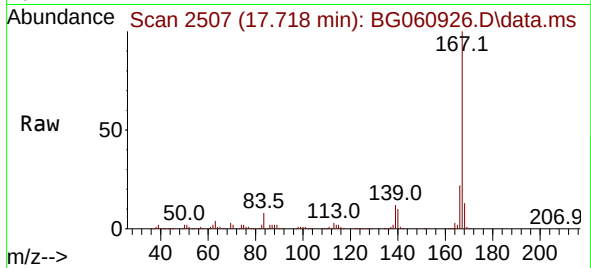
PB160288BS

Tgt Ion:167 Resp: 83474
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.4 27.6
 139 12.5 10.1 15.1

Manual Integrations

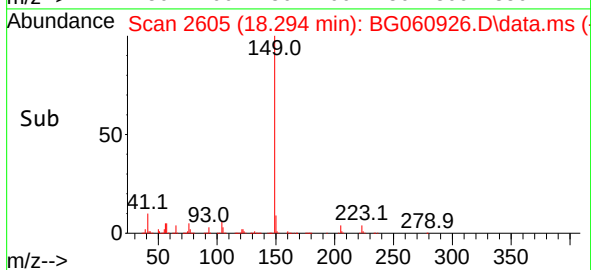
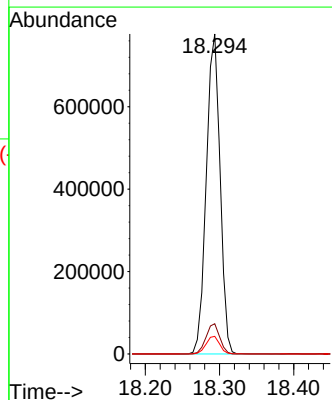
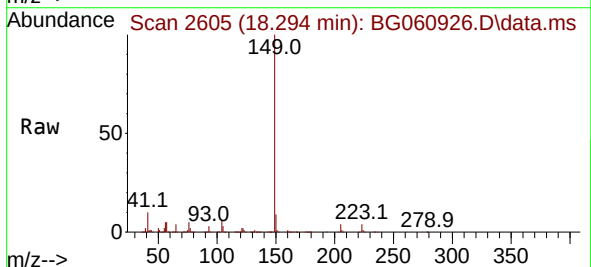
APPROVED

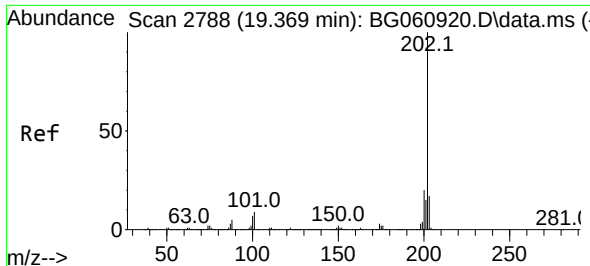
Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024



#74
 Di-n-butylphthalate
 Concen: 45.397 ng
 RT: 18.294 min Scan# 2605
 Delta R.T. -0.001 min
 Lab File: BG060926.D
 Acq: 17 Apr 2024 19:31

Tgt Ion:149 Resp: 1004515
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.5 4.6 6.8





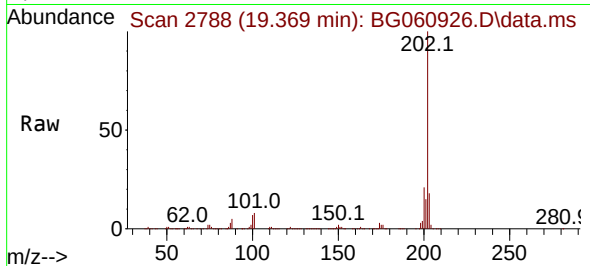
#75
Fluoranthene
Concen: 44.370 ng
RT: 19.369 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS



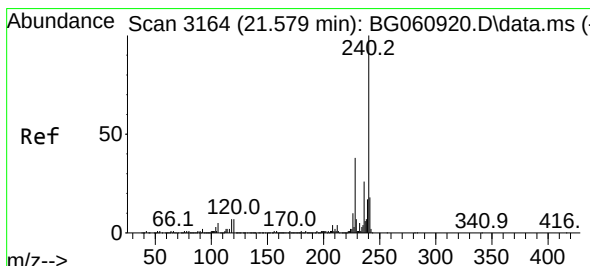
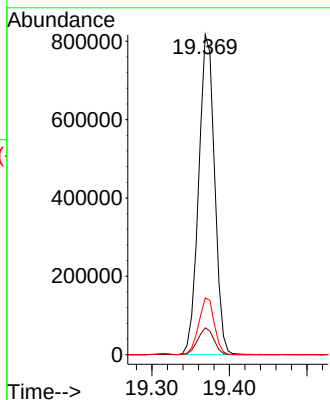
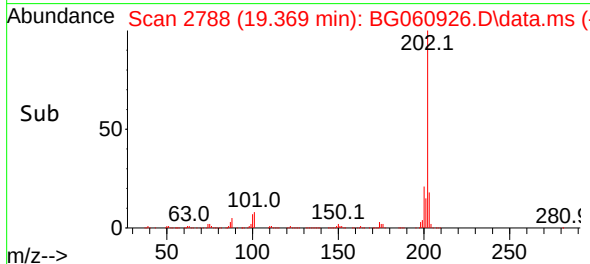
Tgt Ion:202 Resp: 115984
Ion Ratio Lower Upper
202 100
101 8.4 0.0 28.6
203 17.8 0.0 37.3

Manual Integrations

APPROVED

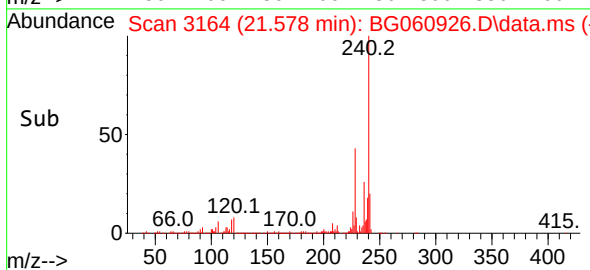
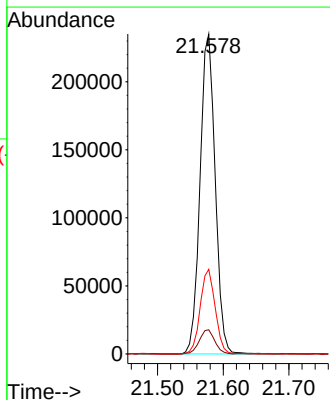
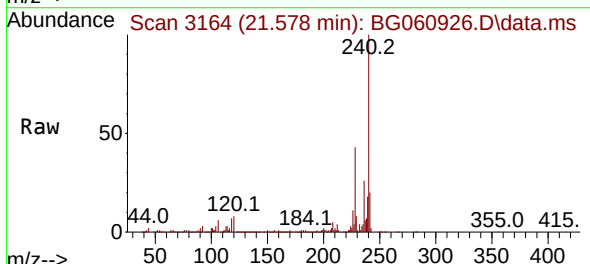
Reviewed By :Yogesh Patel 04/22/2024

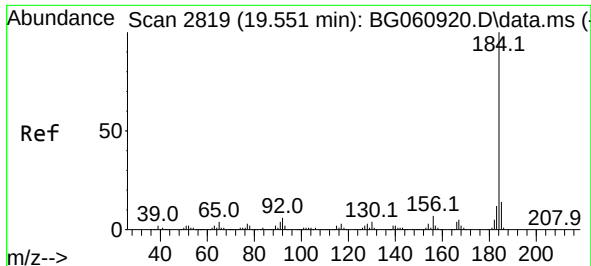
Supervised By :mohammad ahmed 04/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Tgt Ion:240 Resp: 378297
Ion Ratio Lower Upper
240 100
120 7.6 5.7 8.5
236 26.5 21.1 31.7





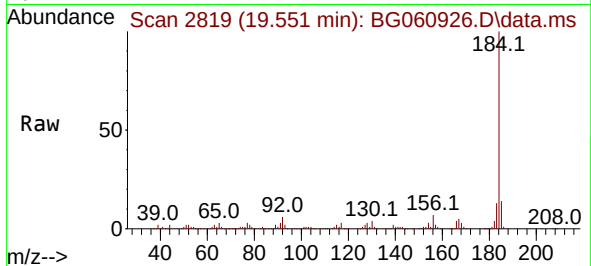
#77
Benzidine
Concen: 47.369 ng
RT: 19.551 min Scan# 2819
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS



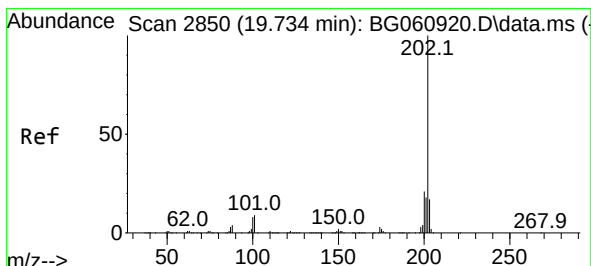
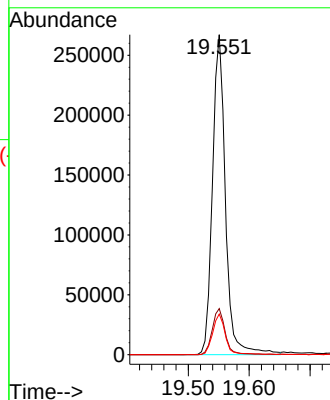
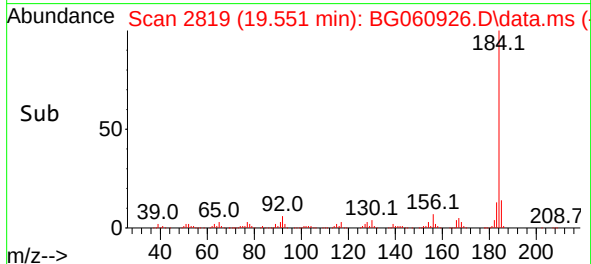
Tgt Ion:184 Resp: 395250
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.0
183 12.7 9.4 14.2

Manual Integrations

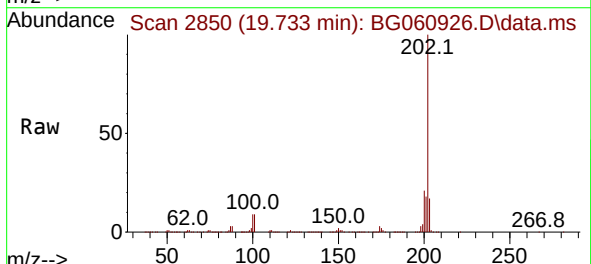
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

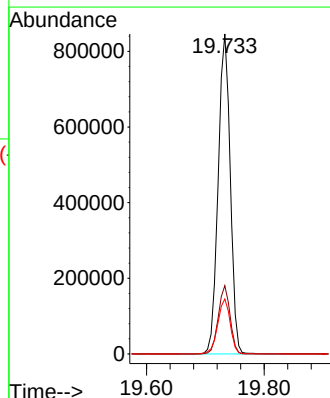
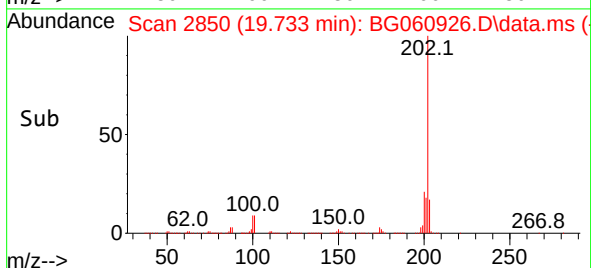
Supervised By :mohammad ahmed 04/22/2024

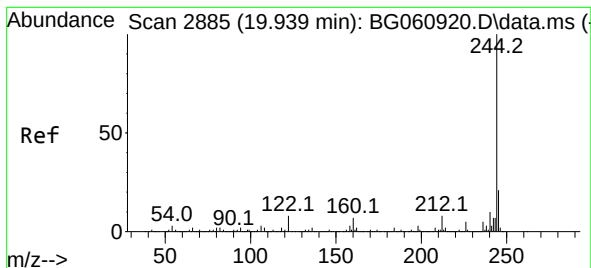


#78
Pyrene
Concen: 46.405 ng
RT: 19.733 min Scan# 2850
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31



Tgt Ion:202 Resp: 1204246
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 17.2 13.8 20.8





#79

Terphenyl-d14

Concen: 87.874 ng

RT: 19.939 min Scan# 2885

Delta R.T. -0.001 min

Lab File: BG060926.D

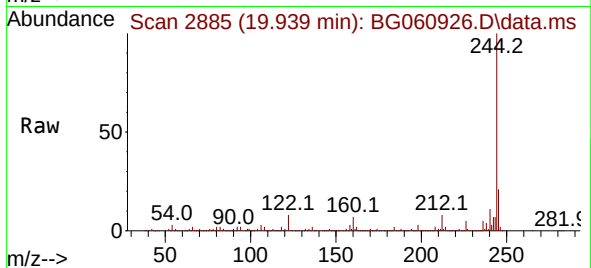
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS



Tgt Ion:244 Resp: 190476

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

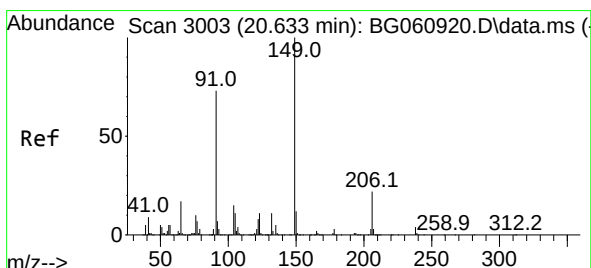
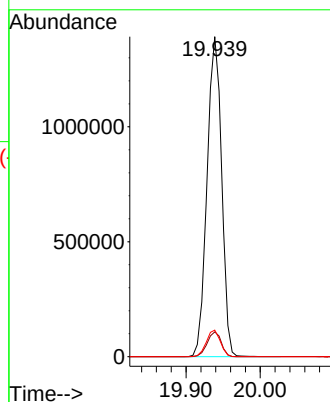
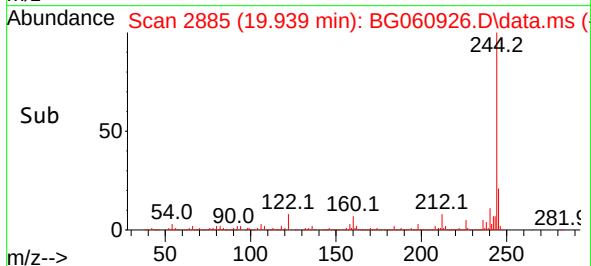
122 8.3 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#80

Butylbenzylphthalate

Concen: 45.758 ng

RT: 20.632 min Scan# 3003

Delta R.T. -0.001 min

Lab File: BG060926.D

Acq: 17 Apr 2024 19:31

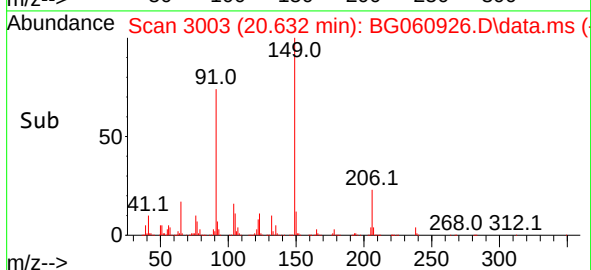
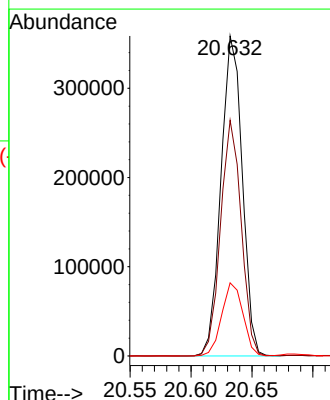
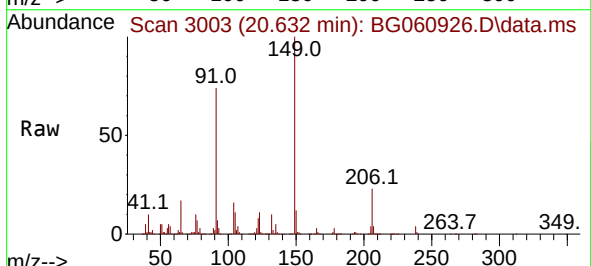
Tgt Ion:149 Resp: 436146

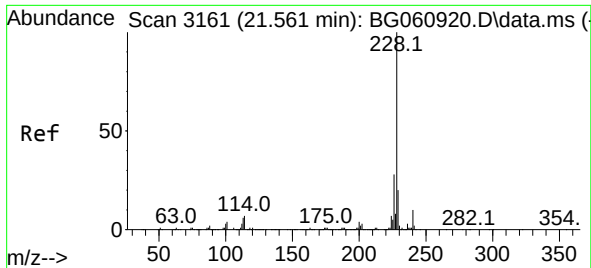
Ion Ratio Lower Upper

149 100

91 73.7 58.7 88.1

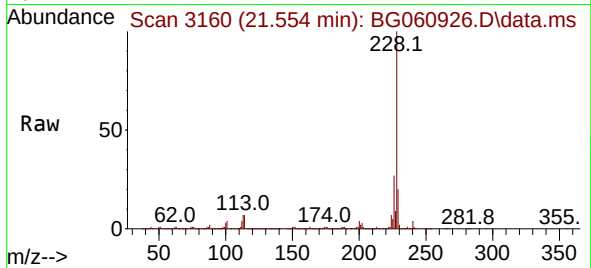
206 22.8 18.0 27.0





#81
Benzo(a)anthracene
Concen: 46.426 ng
RT: 21.554 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

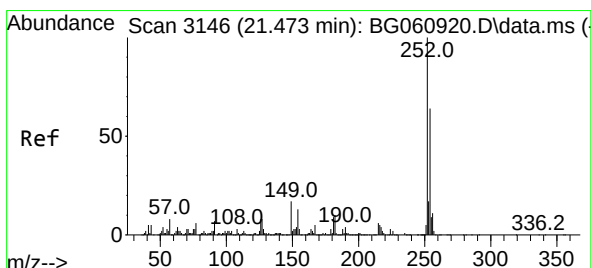
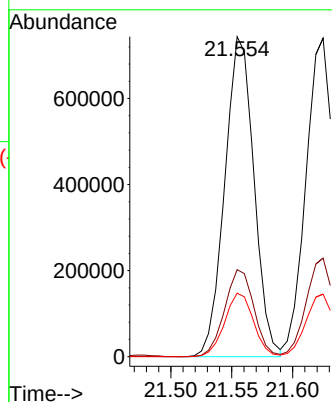
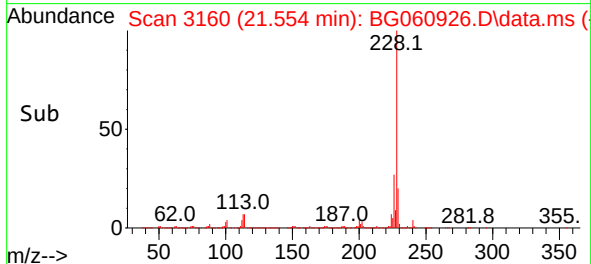
Instrument :
BNA_G
ClientSampleId :
PB160288BS



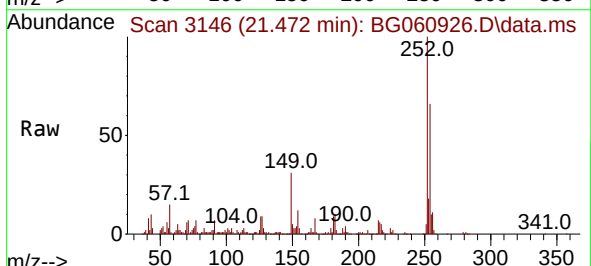
Tgt Ion:228 Resp: 124020
Ion Ratio Lower Upper
228 100
226 27.2 22.0 33.0
229 19.9 15.6 23.4

Manual Integrations
APPROVED

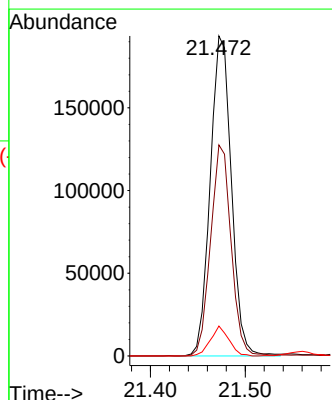
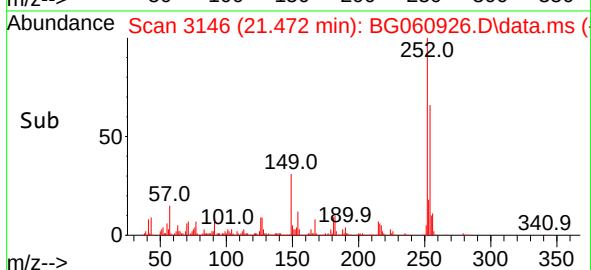
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

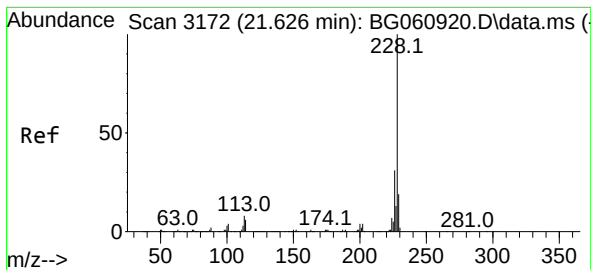


#82
3,3'-Dichlorobenzidine
Concen: 31.481 ng
RT: 21.472 min Scan# 3146
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31



Tgt Ion:252 Resp: 299479
Ion Ratio Lower Upper
252 100
254 65.9 51.5 77.3
126 9.4 6.5 9.7





#83

Chrysene

Concen: 46.113 ng

RT: 21.625 min Scan# 3172

Delta R.T. -0.001 min

Lab File: BG060926.D

Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS

Tgt Ion:228 Resp: 117615

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

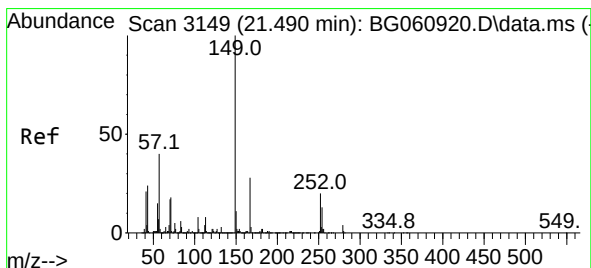
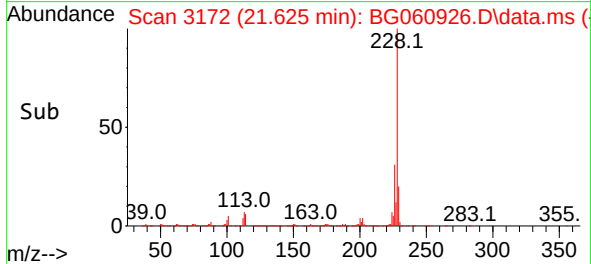
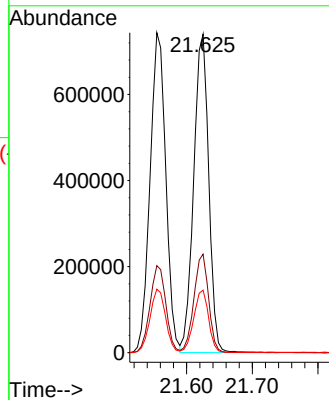
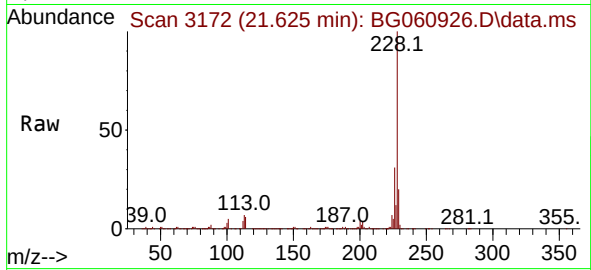
229 19.6 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.420 ng

RT: 21.490 min Scan# 3149

Delta R.T. -0.001 min

Lab File: BG060926.D

Acq: 17 Apr 2024 19:31

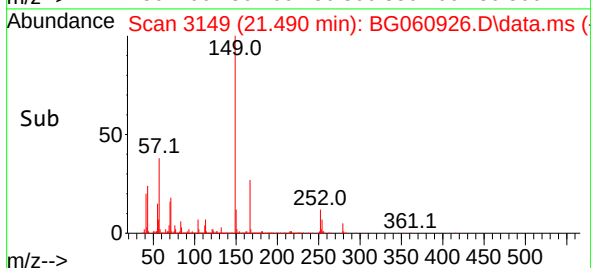
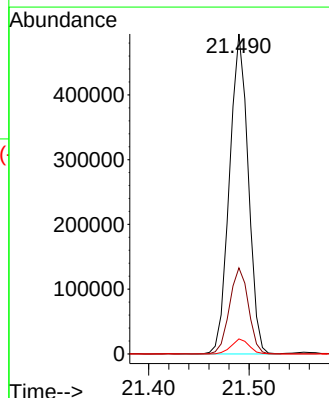
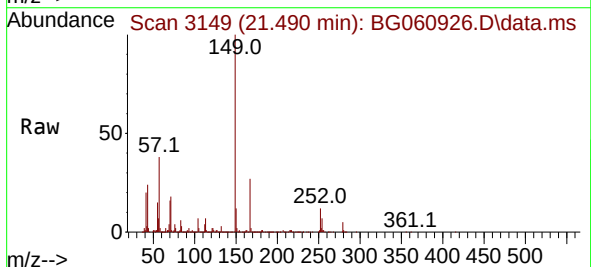
Tgt Ion:149 Resp: 640162

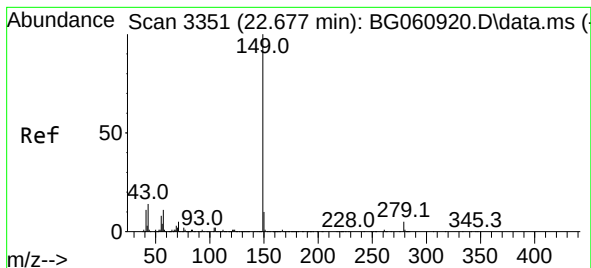
Ion Ratio Lower Upper

149 100

167 26.9 22.4 33.6

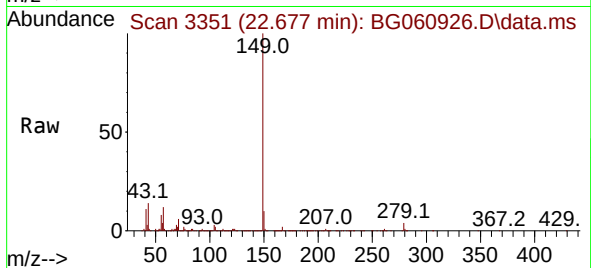
279 4.7 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 45.717 ng
RT: 22.677 min Scan# 311
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

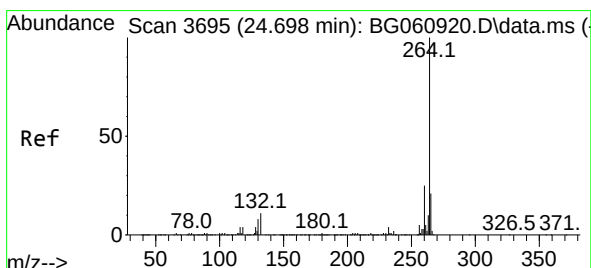
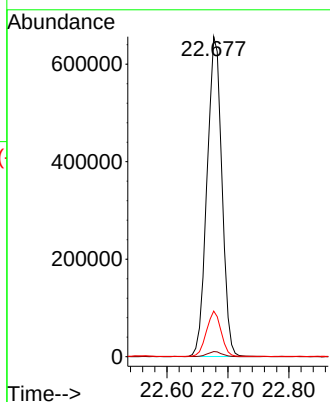
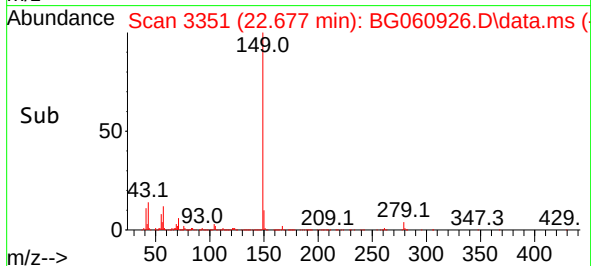
Instrument :
BNA_G
ClientSampleId :
PB160288BS



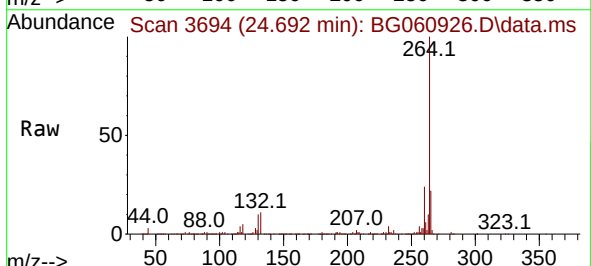
Tgt Ion:149 Resp: 111180
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.9 11.2 16.8

Manual Integrations
APPROVED

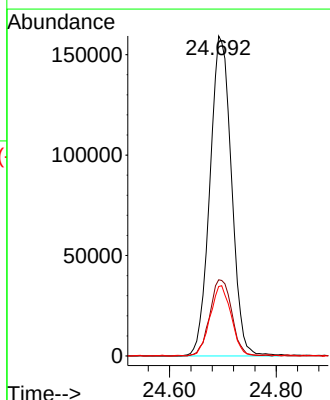
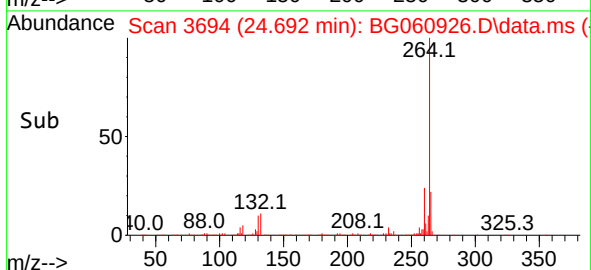
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

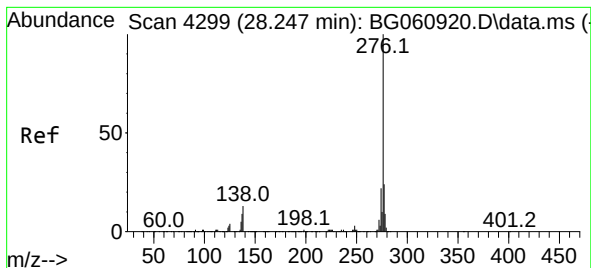


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.692 min Scan# 3694
Delta R.T. -0.006 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31



Tgt Ion:264 Resp: 446815
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 21.7 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.528 ng

RT: 28.247 min Scan# 41

Delta R.T. -0.001 min

Lab File: BG060926.D

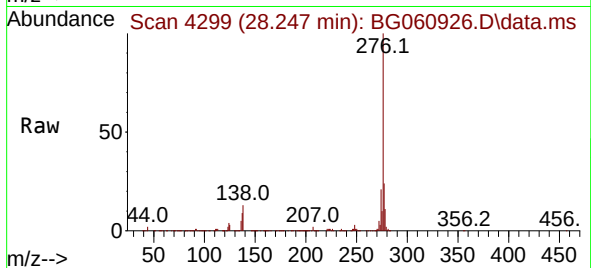
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS



Tgt Ion:276 Resp: 1499424

Ion Ratio Lower Upper

276 100

138 17.1 10.8 16.2

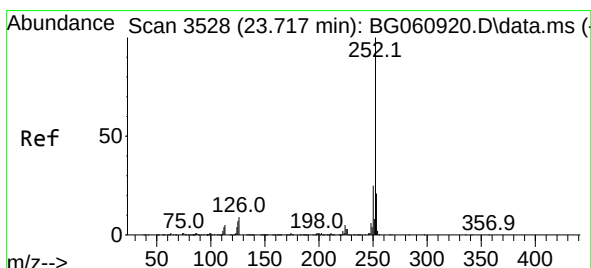
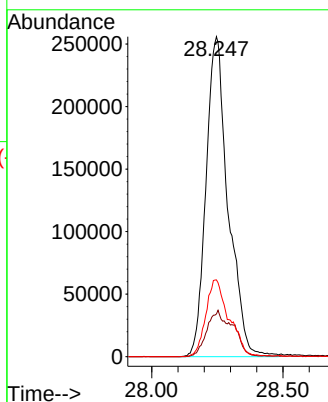
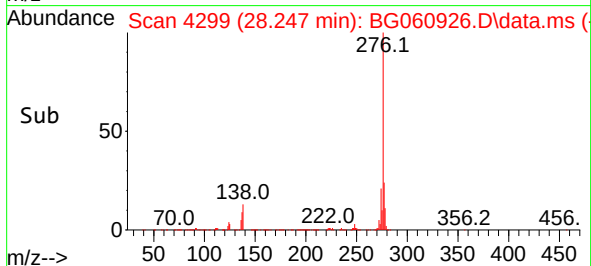
277 25.3 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#88

Benzo(b)fluoranthene

Concen: 47.998 ng

RT: 23.711 min Scan# 3527

Delta R.T. -0.006 min

Lab File: BG060926.D

Acq: 17 Apr 2024 19:31

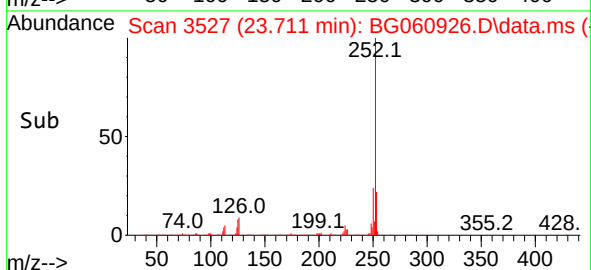
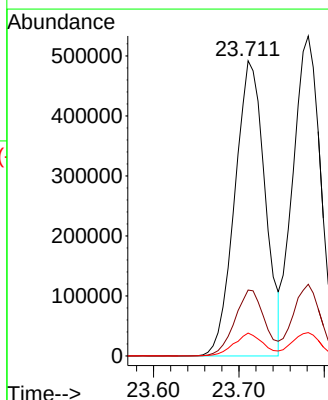
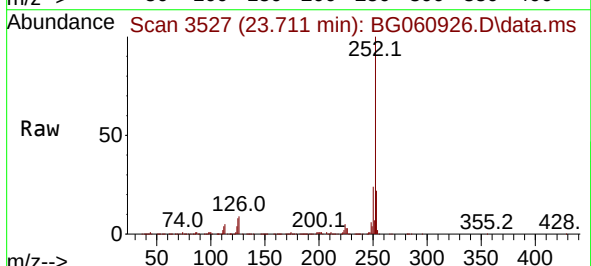
Tgt Ion:252 Resp: 1213398

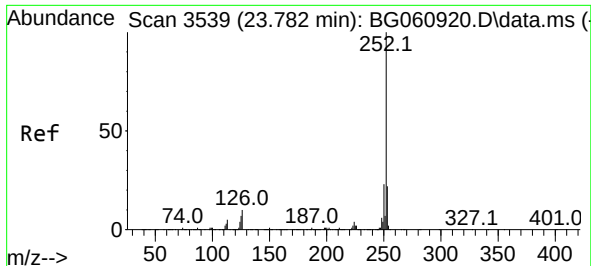
Ion Ratio Lower Upper

252 100

253 22.3 16.8 25.2

125 7.8 5.6 8.4





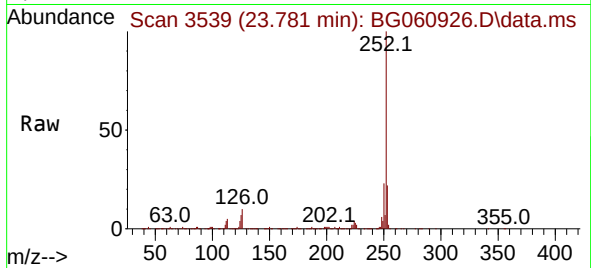
#89
Benzo(k)fluoranthene
Concen: 46.768 ng
RT: 23.781 min Scan# 3539
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS

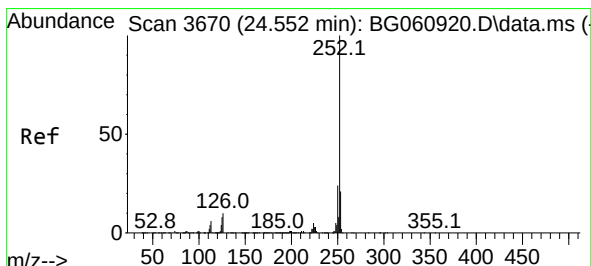
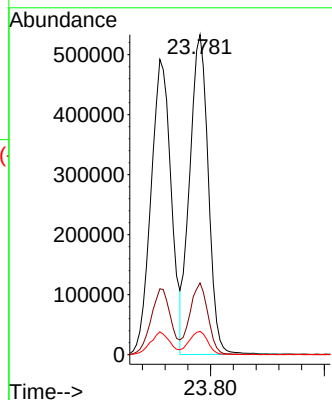
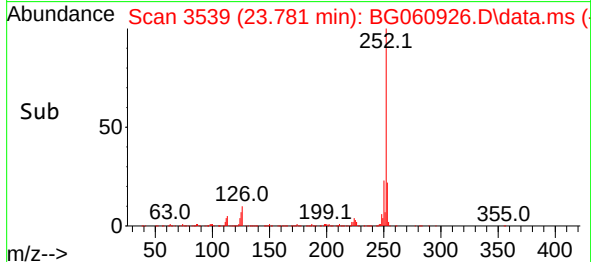


Tgt Ion:252 Resp: 120952
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 7.3 5.8 8.8

Manual Integrations

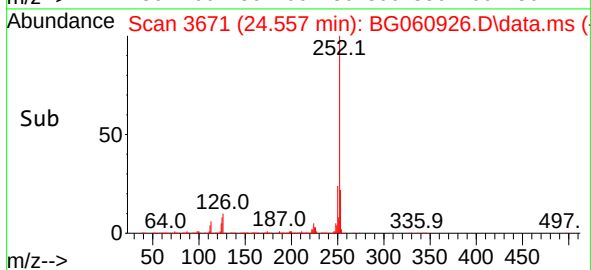
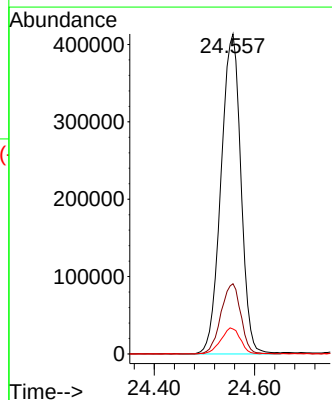
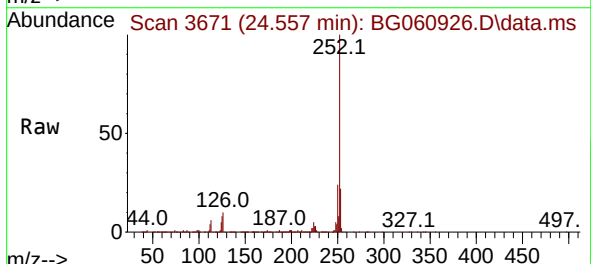
APPROVED

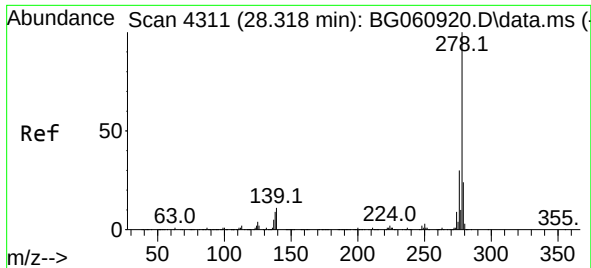
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#90
Benzo(a)pyrene
Concen: 45.658 ng
RT: 24.557 min Scan# 3671
Delta R.T. 0.005 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Tgt Ion:252 Resp: 1137997
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 7.8 6.1 9.1





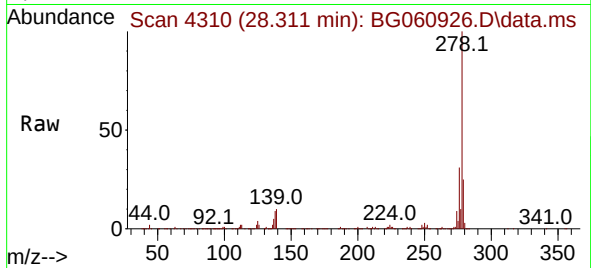
#91
Dibenzo(a,h)anthracene
Concen: 47.769 ng
RT: 28.311 min Scan# 41
Delta R.T. -0.006 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31

Instrument :

BNA_G

ClientSampleId :

PB160288BS



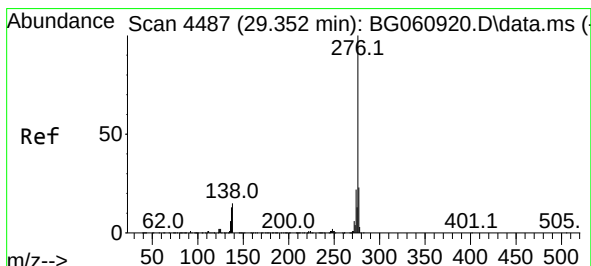
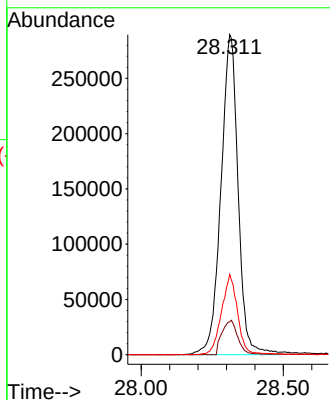
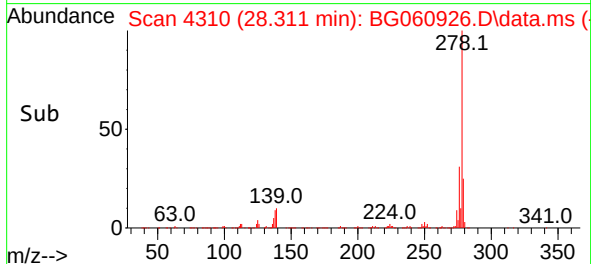
Tgt Ion:278 Resp: 121493
Ion Ratio Lower Upper
278 100
139 10.2 8.6 12.8
279 25.1 19.4 29.2

Manual Integrations

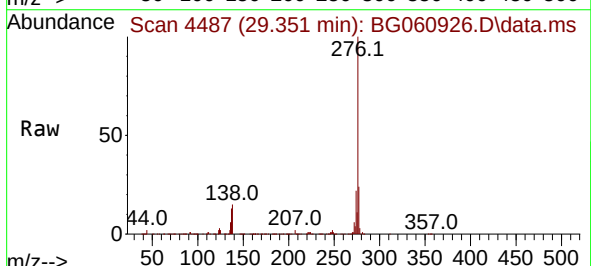
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#92
Benzo(g,h,i)perylene
Concen: 45.935 ng
RT: 29.351 min Scan# 4487
Delta R.T. -0.001 min
Lab File: BG060926.D
Acq: 17 Apr 2024 19:31



Tgt Ion:276 Resp: 1142169
Ion Ratio Lower Upper
276 100
277 24.5 18.3 27.5
138 14.6 12.2 18.4

