

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041024\
 Data File : BG060849.D
 Acq On : 10 Apr 2024 14:00
 Operator : MA/JU
 Sample : PB160074BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160028BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024

Quant Time: Apr 10 14:33:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	58076	20.000	ng	-0.02
21) Naphthalene-d8	10.745	136	239507	20.000	ng	-0.01
39) Acenaphthene-d10	14.576	164	194386	20.000	ng	-0.01
64) Phenanthrene-d10	17.325	188	460638	20.000	ng	-0.01
76) Chrysene-d12	21.591	240	432488	20.000	ng	-0.01
86) Perylene-d12	24.717	264	495602	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	461078	132.259	ng	0.00
7) Phenol-d6	7.114	99	650029	125.613	ng	0.00
23) Nitrobenzene-d5	9.100	82	419337	99.905	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	369666	167.528	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	1088391	82.174	ng	-0.01
79) Terphenyl-d14	19.952	244	2015397	82.055	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	42983	30.073	ng	94
3) Pyridine	3.835	79	124901	28.970	ng	88
4) n-Nitrosodimethylamine	3.753	42	99013	38.420	ng	97
6) Aniline	7.267	93	151599	23.199	ng	100
8) 2-Chlorophenol	7.513	128	177118	44.814	ng	98
9) Benzaldehyde	7.085	77	29053m	10.181	ng	
10) Phenol	7.137	94	239386	45.328	ng	99
11) bis(2-Chloroethyl)ether	7.367	93	160194	37.570	ng	97
12) 1,3-Dichlorobenzene	7.837	146	177078	43.084	ng	97
13) 1,4-Dichlorobenzene	7.983	146	182997	43.642	ng	95
14) 1,2-Dichlorobenzene	8.301	146	178196	43.364	ng	98
15) Benzyl Alcohol	8.177	79	176219	42.039	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.465	45	398424	41.405	ng	100
17) 2-Methylphenol	8.389	107	164756	41.324	ng	98
18) Hexachloroethane	9.029	117	65183	43.769	ng	88
19) n-Nitroso-di-n-propyla...	8.753	70	149808	37.962	ng	# 95
20) 3+4-Methylphenols	8.712	107	229455	42.028	ng	96
22) Acetophenone	8.765	105	283190	42.881	ng	# 96
24) Nitrobenzene	9.141	77	213449	45.819	ng	97
25) Isophorone	9.670	82	391753	40.522	ng	99
26) 2-Nitrophenol	9.852	139	92199	54.757	ng	91
27) 2,4-Dimethylphenol	9.916	122	140563	36.195	ng	97
28) bis(2-Chloroethoxy)met...	10.152	93	235533	41.267	ng	99
29) 2,4-Dichlorophenol	10.392	162	184173	51.645	ng	99
30) 1,2,4-Trichlorobenzene	10.610	180	192522	47.676	ng	97
31) Naphthalene	10.792	128	545974	42.141	ng	98
32) Benzoic acid	10.057	122	127016	48.993	ng	96
33) 4-Chloroaniline	10.898	127	89027	14.794	ng	96
34) Hexachlorobutadiene	11.086	225	129796	48.229	ng	98
35) Caprolactam	11.667	113	62673m	44.373	ng	
36) 4-Chloro-3-methylphenol	12.026	107	219239	48.125	ng	96
37) 2-Methylnaphthalene	12.402	142	392429	41.199	ng	99
38) 1-Methylnaphthalene	12.619	142	372528	41.400	ng	98
40) 1,2,4,5-Tetrachloroben...	12.772	216	257626	46.100	ng	99
41) Hexachlorocyclopentadiene	12.754	237	297064	104.542	ng	100
43) 2,4,6-Trichlorophenol	13.007	196	183349	50.953	ng	95

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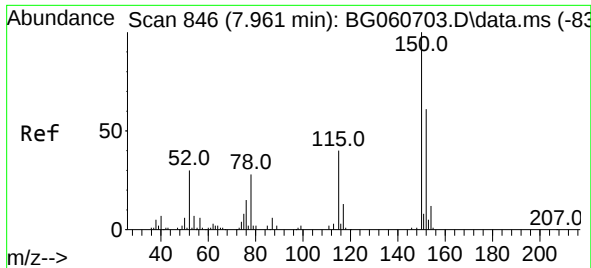
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.077	196	204535	47.629	ng	98
46) 1,1'-Biphenyl	13.412	154	583017	42.462	ng	98
47) 2-Chloronaphthalene	13.454	162	457028	43.811	ng	99
48) 2-Nitroaniline	13.647	65	173349	50.747	ng	93
49) Acenaphthylene	14.300	152	779677	44.482	ng	99
50) Dimethylphthalate	14.041	163	641943	41.781	ng	99
51) 2,6-Dinitrotoluene	14.147	165	132790	48.251	ng	97
52) Acenaphthene	14.640	154	526368m	47.829	ng	
53) 3-Nitroaniline	14.476	138	83980	29.026	ng	99
54) 2,4-Dinitrophenol	14.681	184	158370	148.085	ng	89
55) Dibenzofuran	14.981	168	722979	41.649	ng	100
56) 4-Nitrophenol	14.793	139	233951	104.158	ng	97
57) 2,4-Dinitrotoluene	14.940	165	194829	53.723	ng	94
58) Fluorene	15.627	166	597560	42.891	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.204	232	194262	51.908	ng	# 96
60) Diethylphthalate	15.410	149	635221	41.094	ng	98
61) 4-Chlorophenyl-phenyle...	15.627	204	322631	43.773	ng	95
62) 4-Nitroaniline	15.645	138	139279	49.581	ng	95
63) Azobenzene	15.921	77	600156	39.843	ng	95
65) 4,6-Dinitro-2-methylph...	15.704	198	114360	58.376	ng	97
66) n-Nitrosodiphenylamine	15.839	169	566084	43.004	ng	97
67) 4-Bromophenyl-phenylether	16.520	248	227902	48.750	ng	97
68) Hexachlorobenzene	16.632	284	258781	49.036	ng	96
69) Atrazine	16.791	200	218390	47.443	ng	97
70) Pentachlorophenol	16.979	266	341814	99.265	ng	98
71) Phenanthrene	17.372	178	1028859	42.946	ng	99
72) Anthracene	17.461	178	1042601	42.853	ng	99
73) Carbazole	17.725	167	917031	42.750	ng	99
74) Di-n-butylphthalate	18.307	149	1069726	39.999	ng	99
75) Fluoranthene	19.382	202	1248217	42.938	ng	98
77) Benzidine	19.558	184	312596	27.449	ng	99
78) Pyrene	19.740	202	1290140	42.653	ng	99
80) Butylbenzylphthalate	20.645	149	465163	42.158	ng	99
81) Benzo(a)anthracene	21.568	228	1336662	43.845	ng	99
82) 3,3'-Dichlorobenzidine	21.485	252	310743	30.188	ng	# 96
83) Chrysene	21.632	228	1265475	43.067	ng	100
84) Bis(2-ethylhexyl)phtha...	21.509	149	683731	38.878	ng	# 95
85) Di-n-octyl phthalate	22.701	149	1177669	41.105	ng	99
87) Indeno(1,2,3-cd)pyrene	28.283	276	1623465	46.517	ng	98
88) Benzo(b)fluoranthene	23.736	252	1295947m	45.516	ng	
89) Benzo(k)fluoranthene	23.800	252	1315794	45.150	ng	# 98
90) Benzo(a)pyrene	24.576	252	1228228	44.389	ng	98
91) Dibenzo(a,h)anthracene	28.348	278	1325103	45.041	ng	95
92) Benzo(g,h,i)perylene	29.382	276	1235460	43.169	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.942 min Scan# 84
Delta R.T. -0.019 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

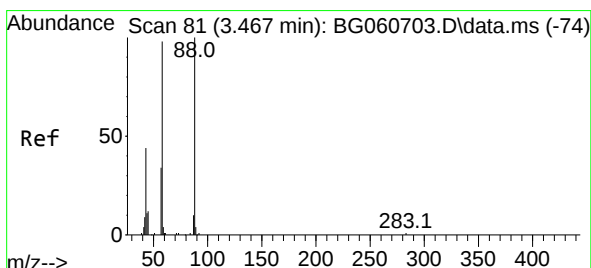
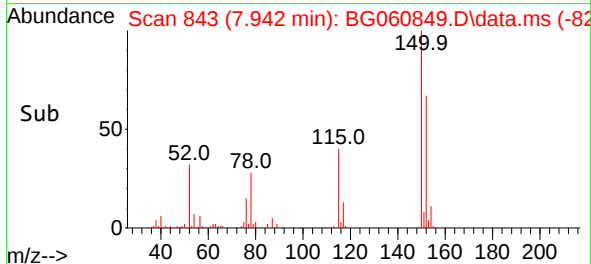
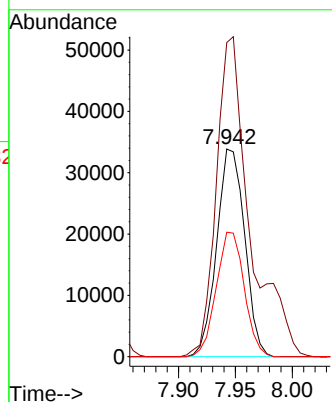
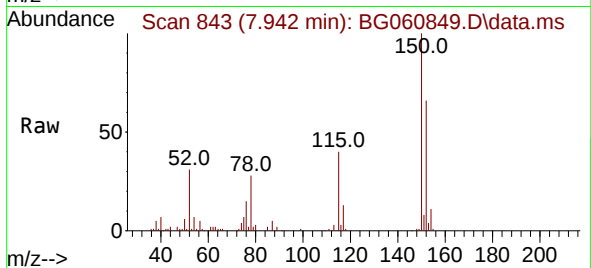
PB160028BS

Tgt Ion:152 Resp: 58070
Ion Ratio Lower Upper
152 100
150 151.3 130.2 195.4
115 59.9 51.6 77.4

Manual Integrations

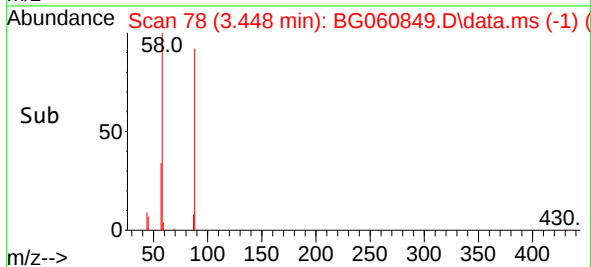
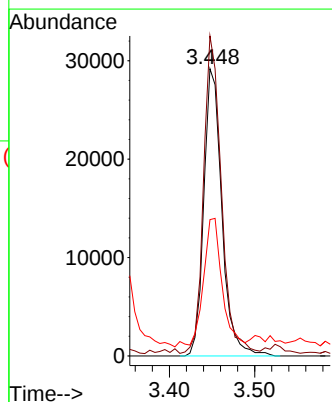
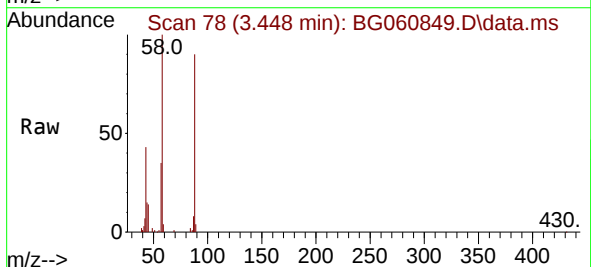
APPROVED

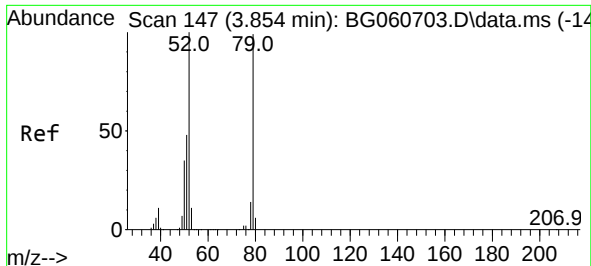
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#2
1,4-Dioxane
Concen: 30.073 ng
RT: 3.448 min Scan# 78
Delta R.T. -0.019 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Tgt Ion: 88 Resp: 42983
Ion Ratio Lower Upper
88 100
58 108.4 80.9 121.3
43 46.5 35.4 53.0





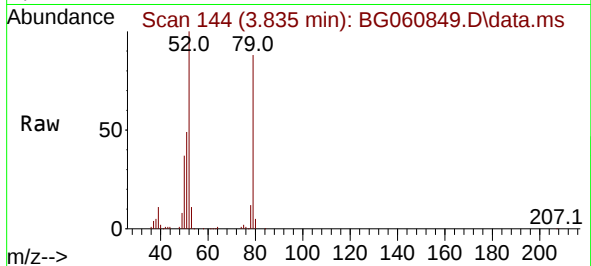
#3
Pyridine
Concen: 28.970 ng
RT: 3.835 min Scan# 147
Delta R.T. -0.019 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

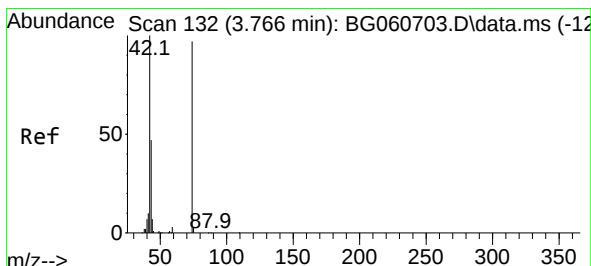
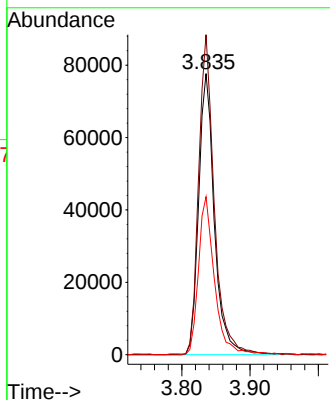
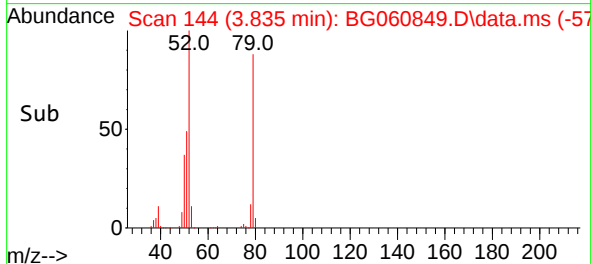
PB160028BS



Tgt Ion: 79 Resp: 12490
Ion Ratio Lower Upper
79 100
52 113.8 80.6 120.8
51 56.2 39.1 58.7

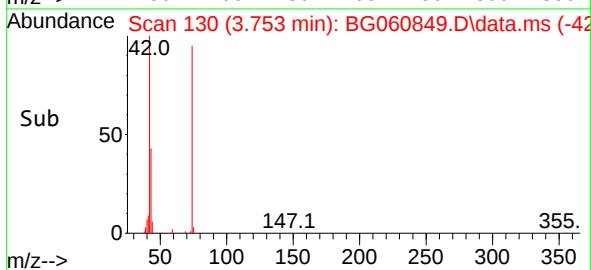
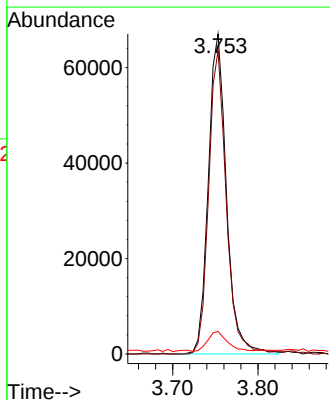
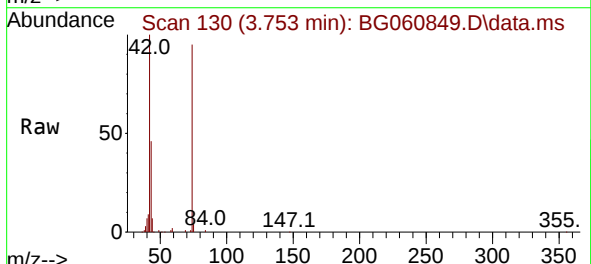
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#4
n-Nitrosodimethylamine
Concen: 38.420 ng
RT: 3.753 min Scan# 130
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Tgt Ion: 42 Resp: 99013
Ion Ratio Lower Upper
42 100
74 94.8 77.8 116.8
44 7.1 6.8 10.2





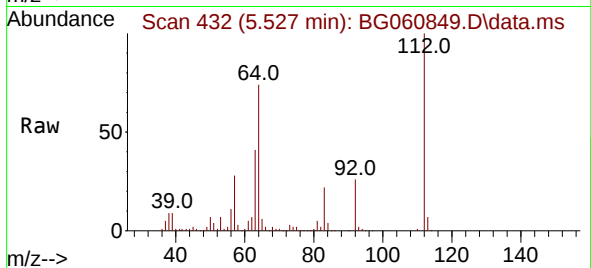
#5
2-Fluorophenol
Concen: 132.259 ng
RT: 5.527 min Scan# 41
Delta R.T. -0.007 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS



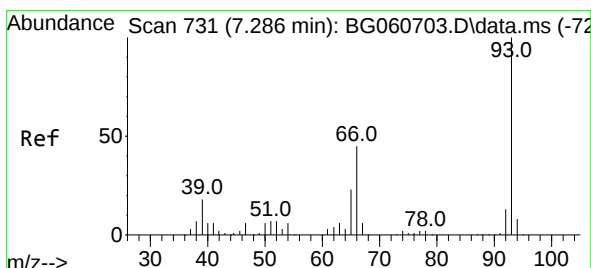
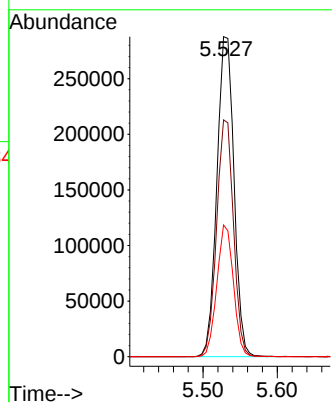
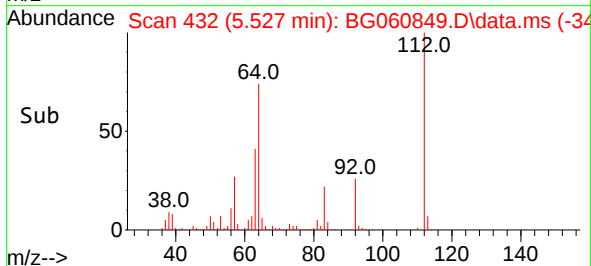
Tgt Ion:112 Resp: 461078
Ion Ratio Lower Upper
112 100
64 74.0 58.4 87.6
63 41.2 32.7 49.1

Manual Integrations

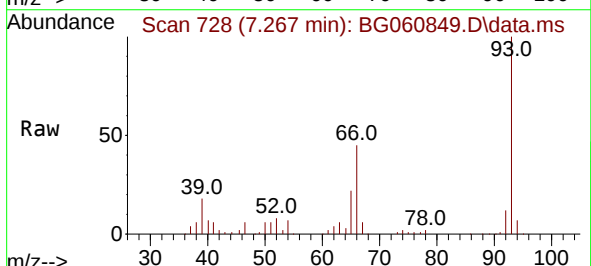
APPROVED

Reviewed By :Yogesh Patel 04/12/2024

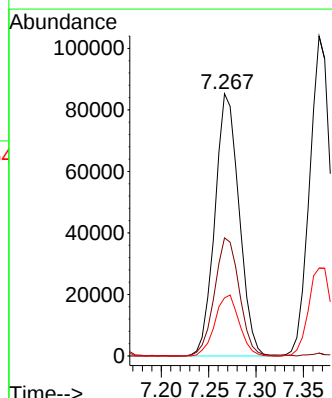
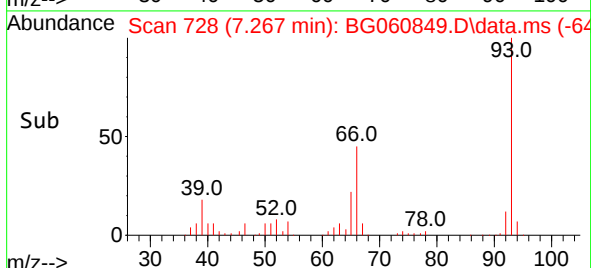
Supervised By :mohammad ahmed 04/12/2024

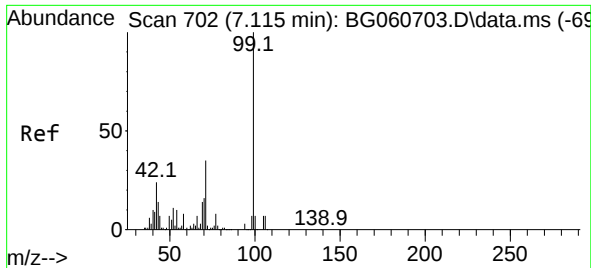


#6
Aniline
Concen: 23.199 ng
RT: 7.267 min Scan# 728
Delta R.T. -0.019 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00



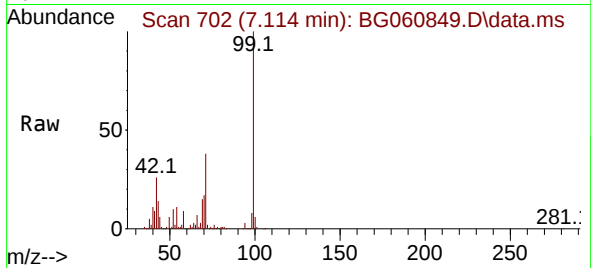
Tgt Ion: 93 Resp: 151599
Ion Ratio Lower Upper
93 100
66 45.0 36.1 54.1
65 22.1 18.1 27.1





#7
Phenol-d6
Concen: 125.613 ng
RT: 7.114 min Scan# 702
Delta R.T. -0.001 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

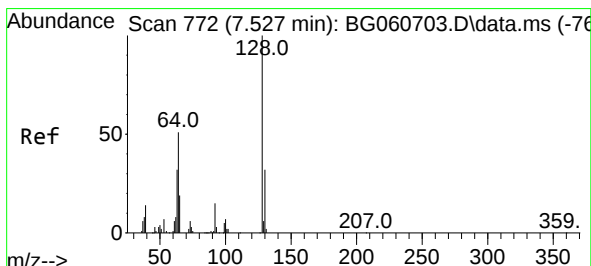
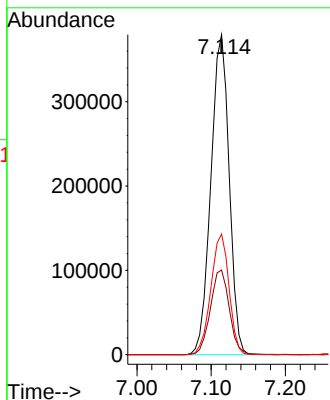
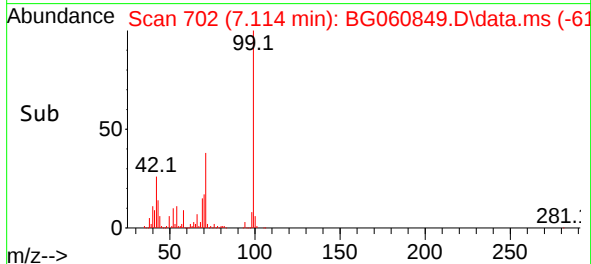
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BNA_G
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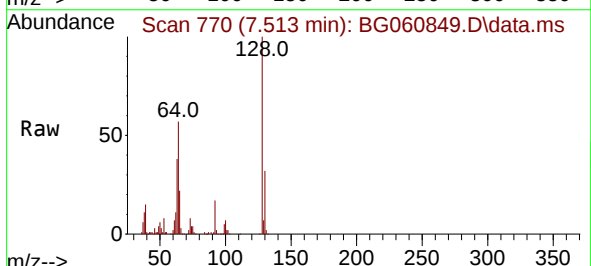
Tgt Ion: 99 Resp: 650029
Ion Ratio Lower Upper
99 100
42 26.4 19.4 29.2
71 37.7 28.2 42.2

Manual Integrations
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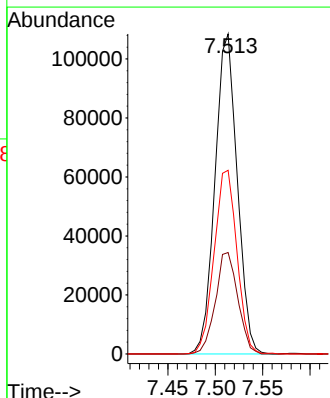
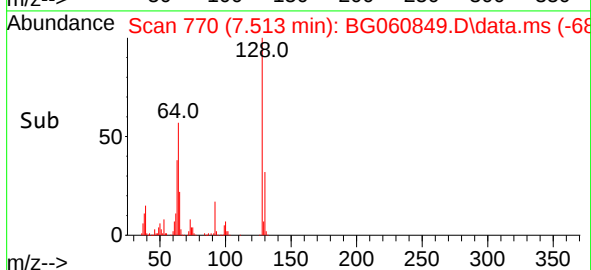
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#8
2-Chlorophenol
Concen: 44.814 ng
RT: 7.513 min Scan# 770
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00



Tgt Ion:128 Resp: 177118
Ion Ratio Lower Upper
128 100
130 31.7 12.3 52.3
64 57.4 35.0 75.0





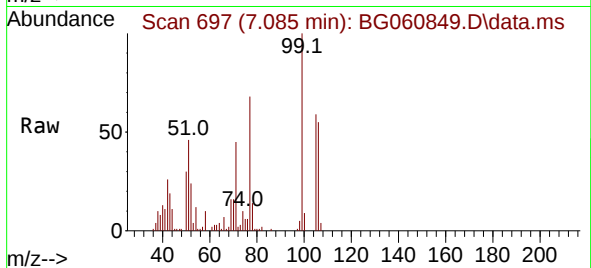
#9
Benzaldehyde
Concen: 10.181 ng m
RT: 7.085 min Scan# 699
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

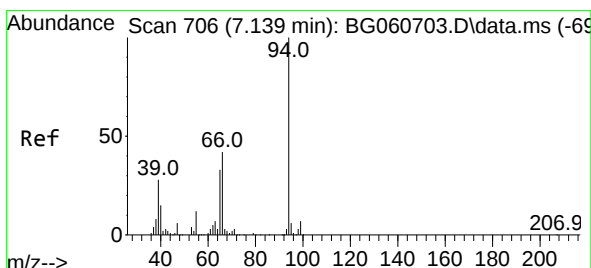
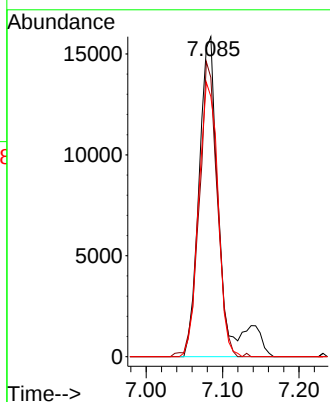
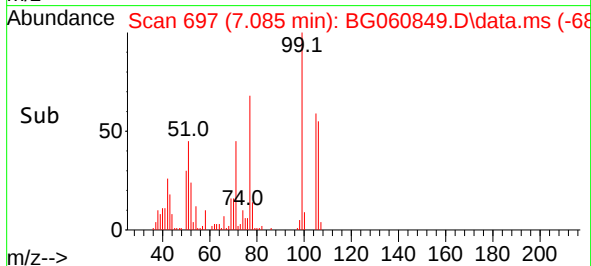
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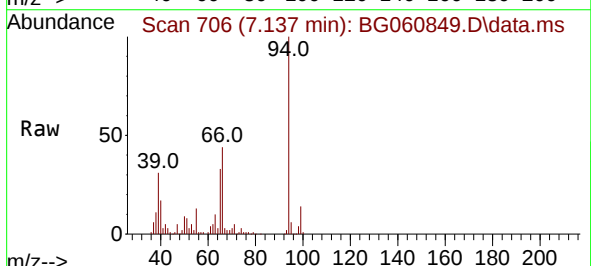
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Ion Ratio Lower Upper
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105 87.3 76.0 116.0
106 81.3 70.3 110.3

Manual Integrations
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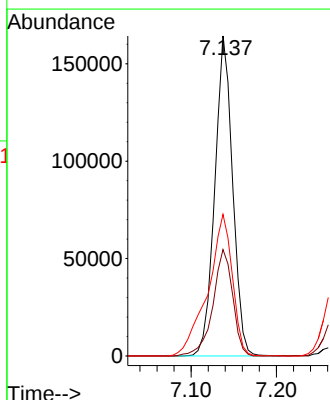
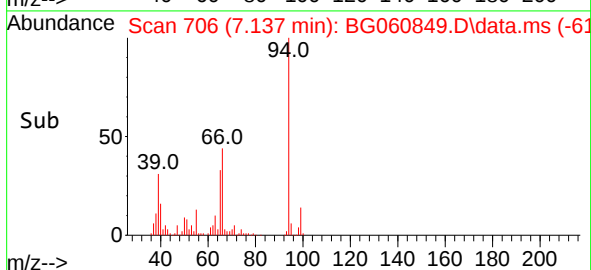
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

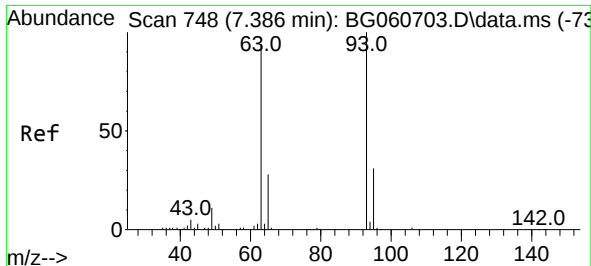


#10
Phenol
Concen: 45.328 ng
RT: 7.137 min Scan# 706
Delta R.T. -0.001 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00



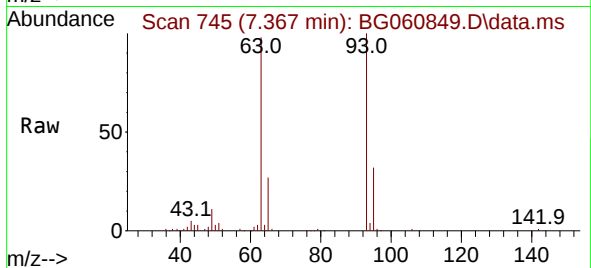
Tgt Ion: 94 Resp: 239386
Ion Ratio Lower Upper
94 100
65 33.3 13.3 53.3
66 44.3 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 37.570 ng
RT: 7.367 min Scan# 748
Delta R.T. -0.019 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

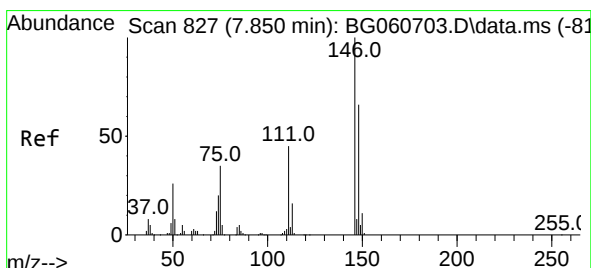
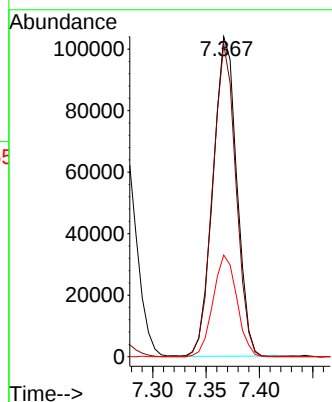
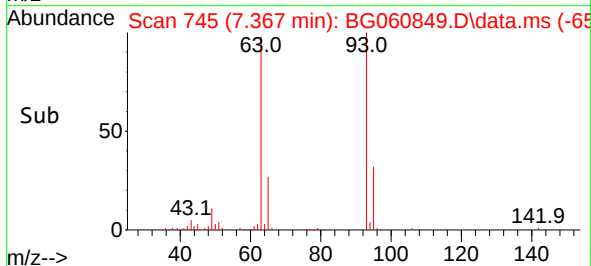
Instrument :
BNA_G
ClientSampleId :
PB160028BS



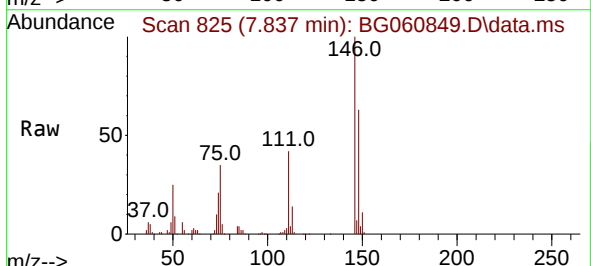
Tgt Ion: 93 Resp: 160194
Ion Ratio Lower Upper
93 100
63 97.7 73.7 113.7
95 31.8 11.2 51.2

Manual Integrations
APPROVED

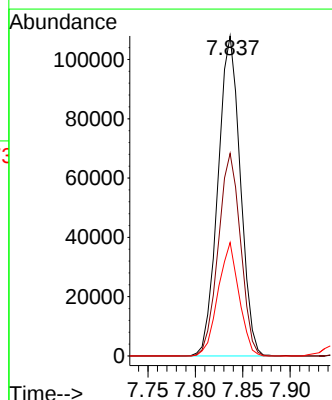
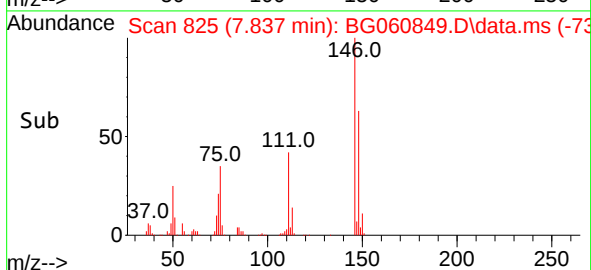
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

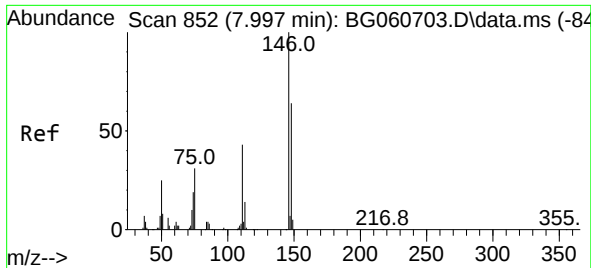


#12
1,3-Dichlorobenzene
Concen: 43.084 ng
RT: 7.837 min Scan# 825
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00



Tgt Ion:146 Resp: 177078
Ion Ratio Lower Upper
146 100
148 63.3 53.0 79.4
75 35.4 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 43.642 ng
RT: 7.983 min Scan# 81
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

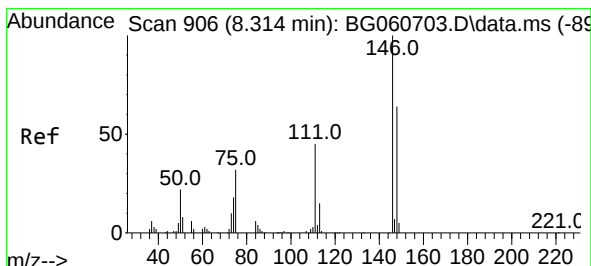
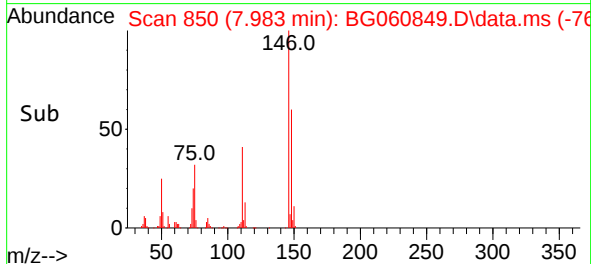
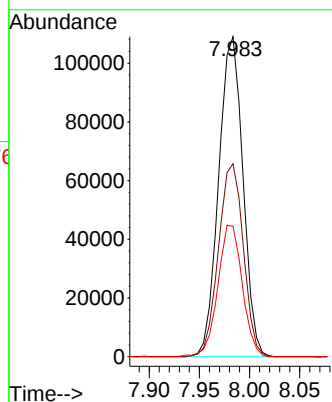
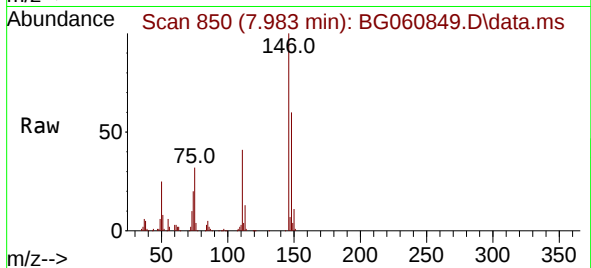
ClientSampleId :

PB160028BS

Tgt Ion:146 Resp: 182997
Ion Ratio Lower Upper
146 100
148 60.3 51.1 76.7
111 40.7 35.0 52.6

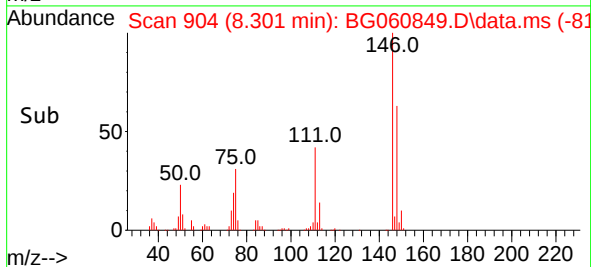
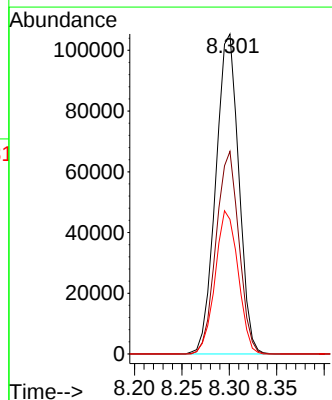
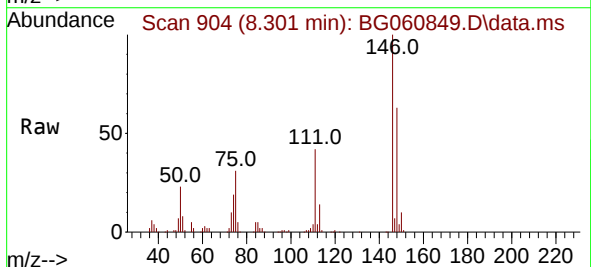
Manual Integrations
APPROVED

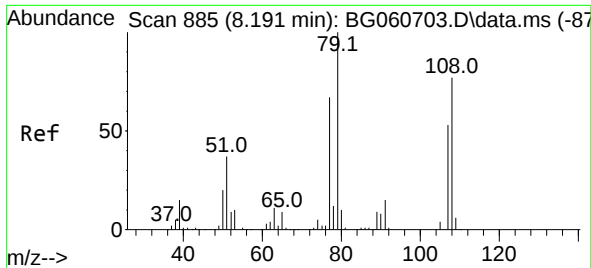
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#14
1,2-Dichlorobenzene
Concen: 43.364 ng
RT: 8.301 min Scan# 904
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Tgt Ion:146 Resp: 178196
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.6
111 42.1 36.0 54.0





#15
Benzyl Alcohol
Concen: 42.039 ng
RT: 8.177 min Scan# 885
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

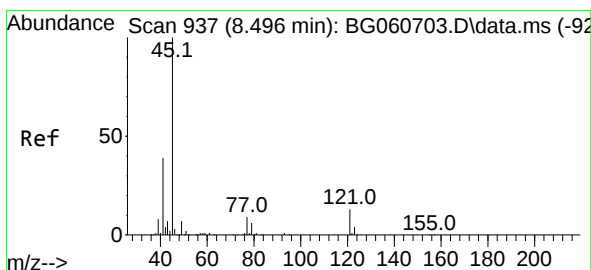
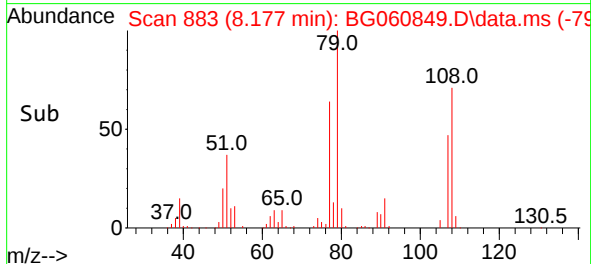
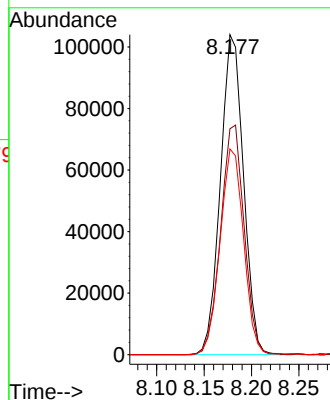
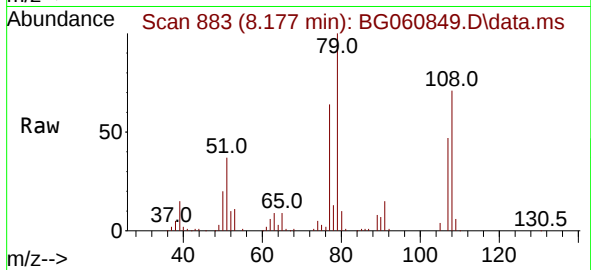
PB160028BS

Tgt Ion: 79 Resp: 176219
Ion Ratio Lower Upper
79 100
108 70.6 61.4 92.0
77 64.3 53.6 80.4

Manual Integrations

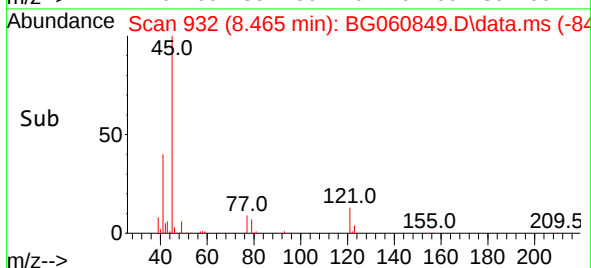
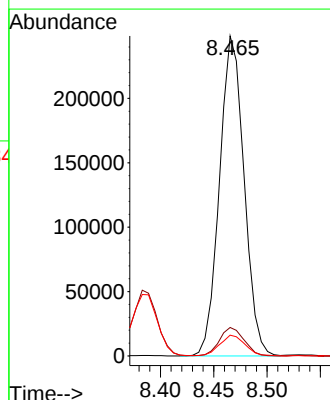
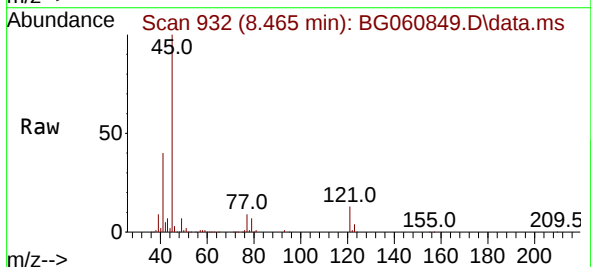
APPROVED

Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.405 ng
RT: 8.465 min Scan# 932
Delta R.T. -0.031 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Tgt Ion: 45 Resp: 398424
Ion Ratio Lower Upper
45 100
77 8.9 0.0 29.1
79 6.5 0.0 26.5





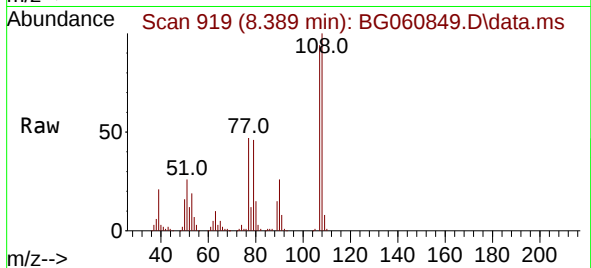
#17
2-Methylphenol
Concen: 41.324 ng
RT: 8.389 min Scan# 919
Delta R.T. -0.001 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS



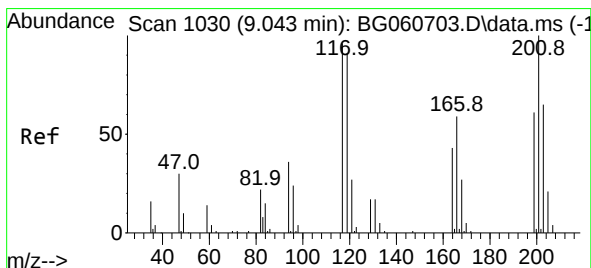
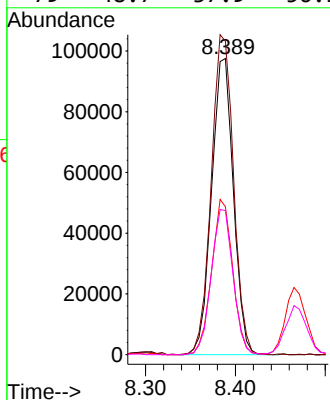
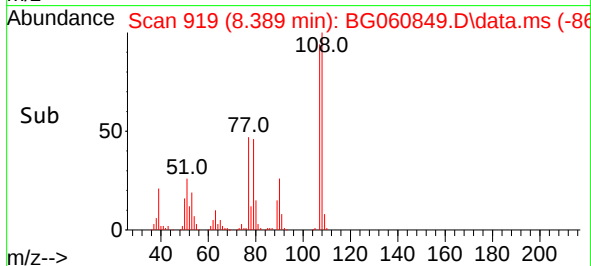
Tgt Ion:107 Resp: 164750
Ion Ratio Lower Upper
107 100
108 105.8 86.4 129.6
77 50.0 38.6 58.0
79 48.7 37.9 56.9

Manual Integrations

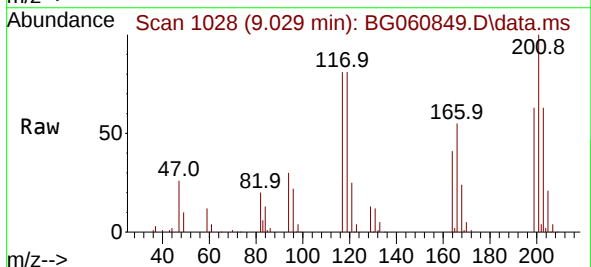
APPROVED

Reviewed By :Yogesh Patel 04/12/2024

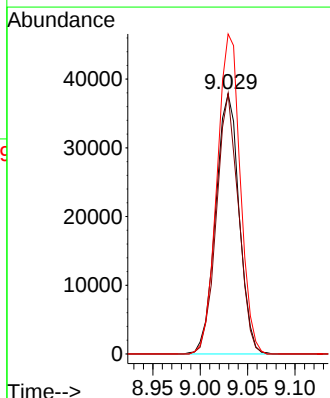
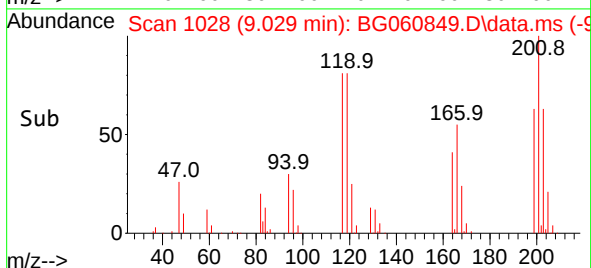
Supervised By :mohammad ahmed 04/12/2024

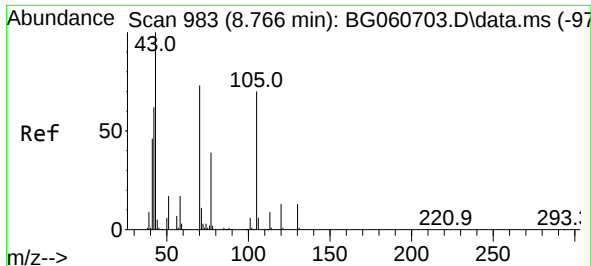


#18
Hexachloroethane
Concen: 43.769 ng
RT: 9.029 min Scan# 1028
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00



Tgt Ion:117 Resp: 65183
Ion Ratio Lower Upper
117 100
119 100.2 75.7 113.5
201 123.1 83.4 125.2





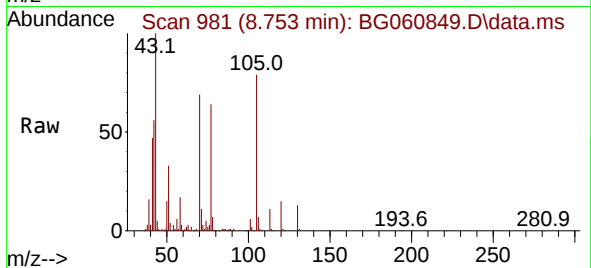
#19
n-Nitroso-di-n-propylamine
Concen: 37.962 ng
RT: 8.753 min Scan# 981
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS



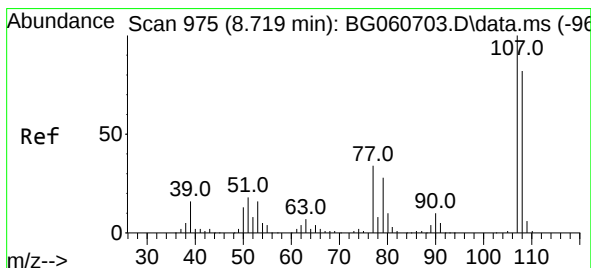
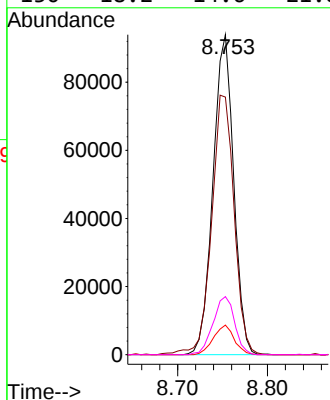
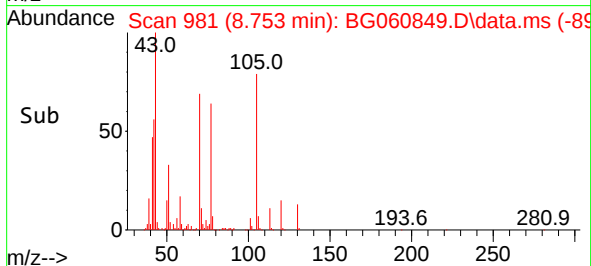
Tgt Ion: 70 Resp: 149808
Ion Ratio Lower Upper
70 100
42 80.5 68.4 102.6
101 9.3 6.1 9.1
130 18.2 14.6 21.8

Manual Integrations

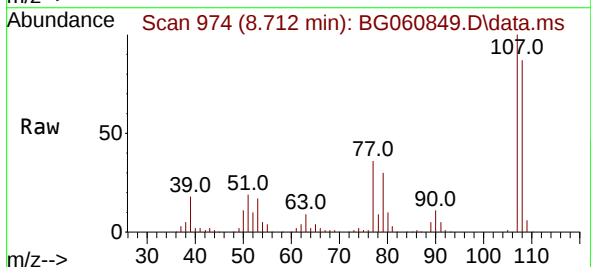
APPROVED

Reviewed By :Yogesh Patel 04/12/2024

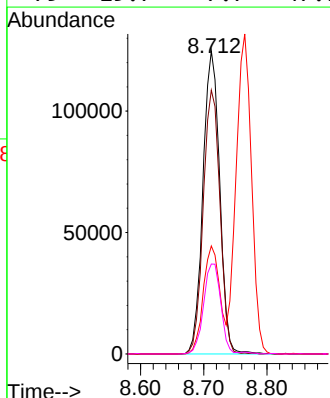
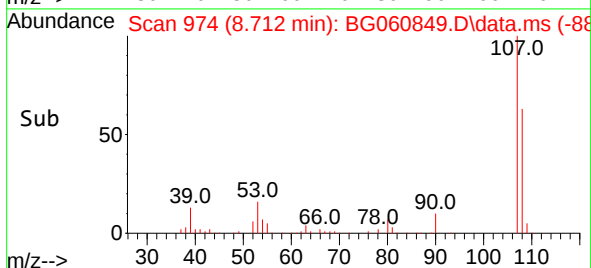
Supervised By :mohammad ahmed 04/12/2024

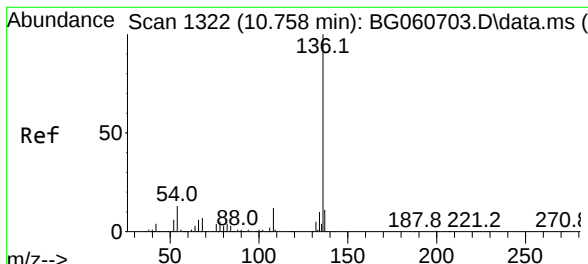


#20
3+4-Methylphenols
Concen: 42.028 ng
RT: 8.712 min Scan# 974
Delta R.T. -0.007 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00



Tgt Ion:107 Resp: 229455
Ion Ratio Lower Upper
107 100
108 87.1 62.2 102.2
77 35.6 14.1 54.1
79 29.7 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS

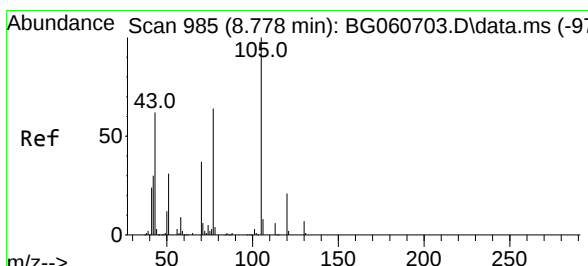
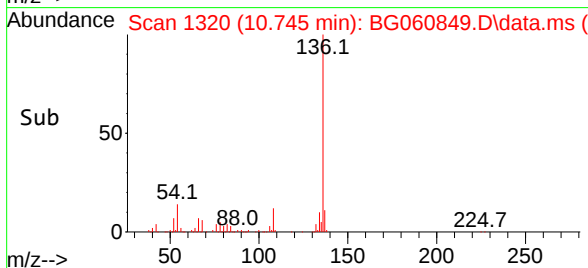
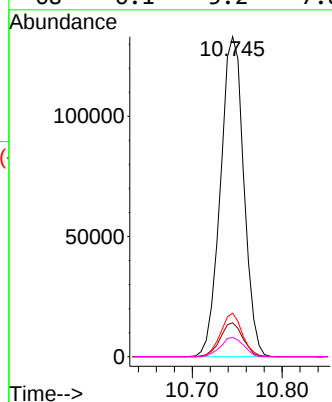
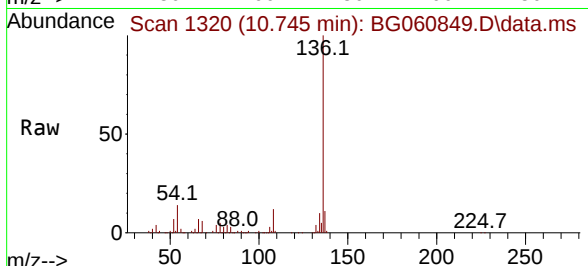
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	13.6	10.2	15.2
68	6.1	5.2	7.8

Manual Integrations

APPROVED

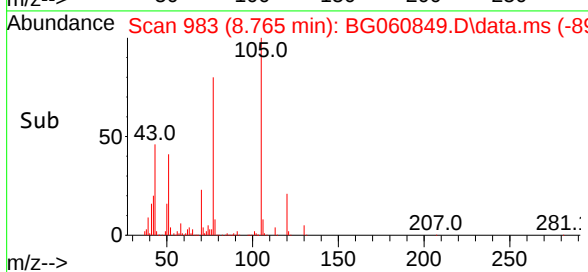
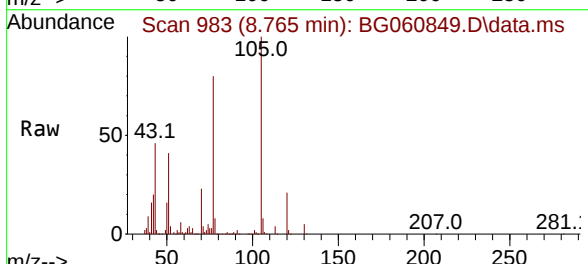
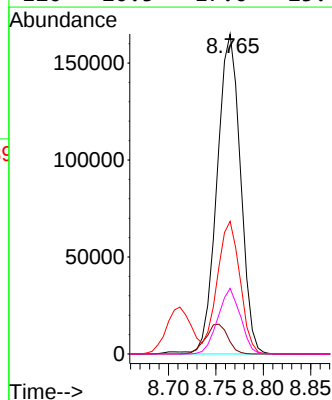
Reviewed By :Yogesh Patel 04/12/2024

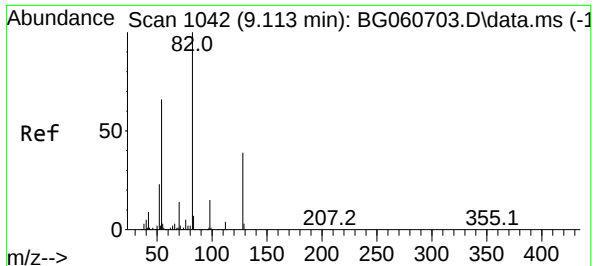
Supervised By :mohammad ahmed 04/12/2024



#22
Acetophenone
Concen: 42.881 ng
RT: 8.765 min Scan# 983
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.8	4.9	7.3#
51	41.4	31.1	46.7
120	20.5	17.0	25.4





#23

Nitrobenzene-d5

Concen: 99.905 ng

RT: 9.100 min Scan# 1040

Delta R.T. -0.013 min

Lab File: BG060849.D

Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS

Tgt Ion: 82 Resp: 41933

Ion Ratio Lower Upper

82 100

128 39.4 31.2 46.8

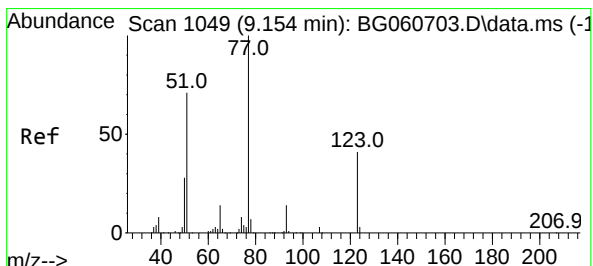
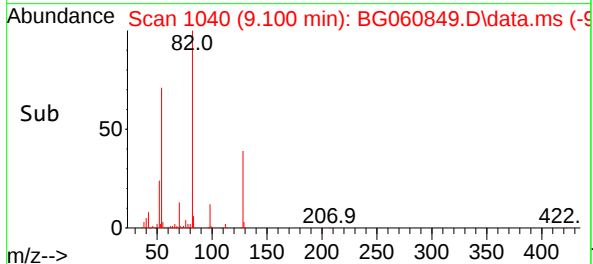
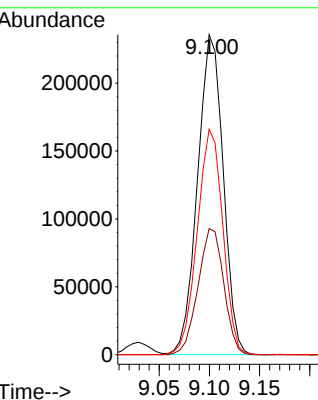
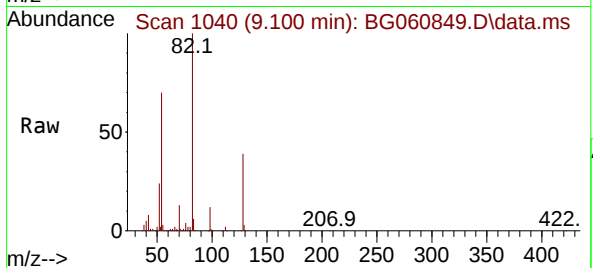
54 70.5 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#24

Nitrobenzene

Concen: 45.819 ng

RT: 9.141 min Scan# 1047

Delta R.T. -0.013 min

Lab File: BG060849.D

Acq: 10 Apr 2024 14:00

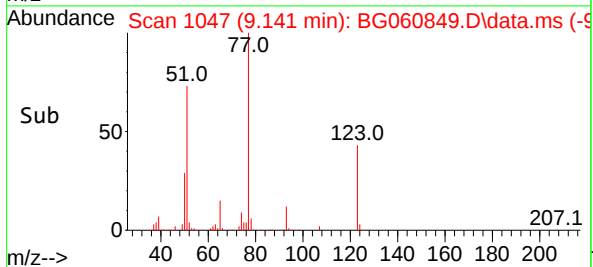
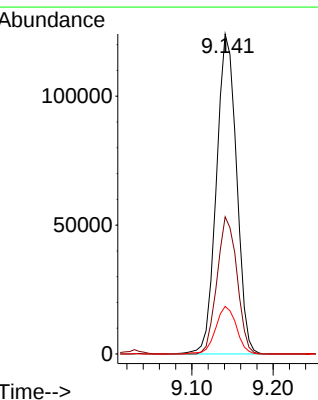
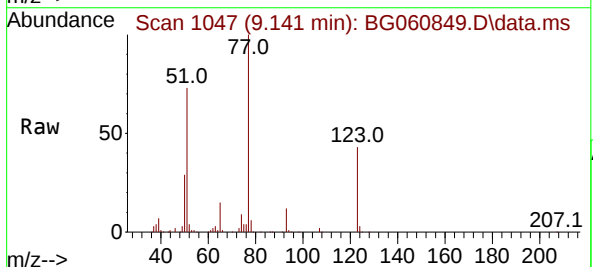
Tgt Ion: 77 Resp: 213449

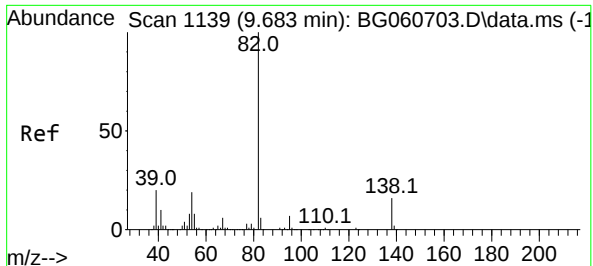
Ion Ratio Lower Upper

77 100

123 42.9 32.7 49.1

65 14.8 11.3 16.9





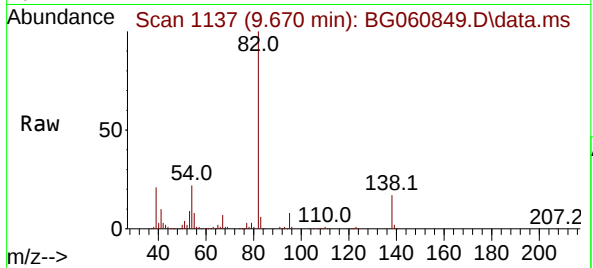
#25
Isophorone
Concen: 40.522 ng
RT: 9.670 min Scan# 1137
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS

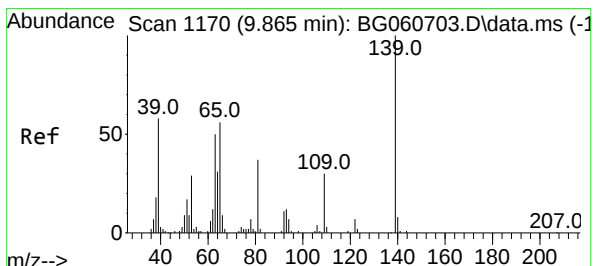
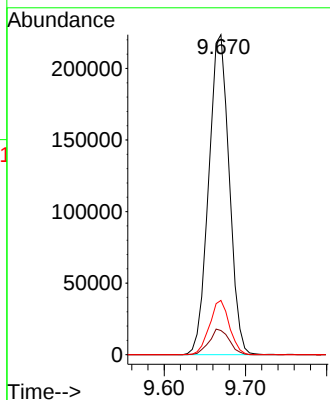
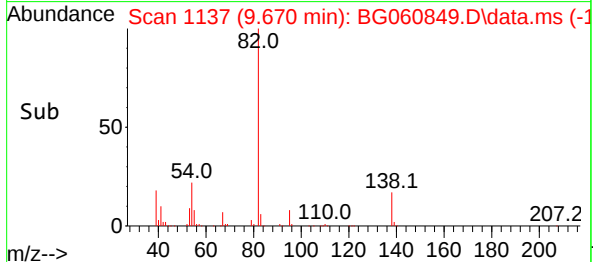


Tgt Ion: 82 Resp: 39175
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 16.9 13.0 19.4

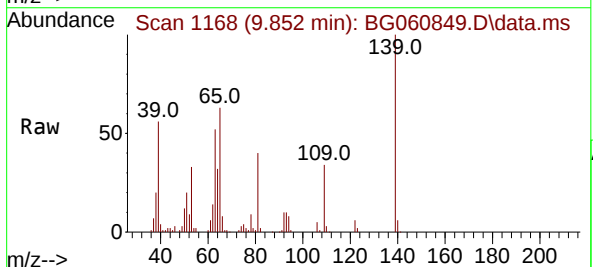
Manual Integrations

APPROVED

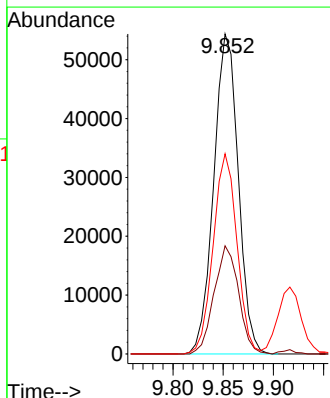
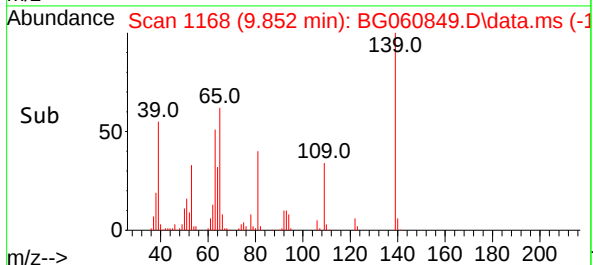
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

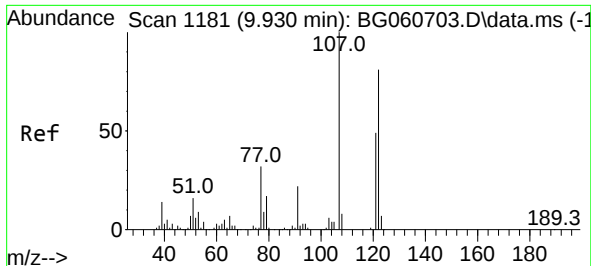


#26
2-Nitrophenol
Concen: 54.757 ng
RT: 9.852 min Scan# 1168
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00



Tgt Ion:139 Resp: 92199
Ion Ratio Lower Upper
139 100
109 33.8 23.9 35.9
65 62.5 44.5 66.7





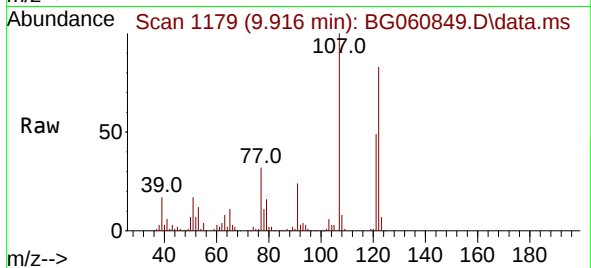
#27
2,4-Dimethylphenol
Concen: 36.195 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.014 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS



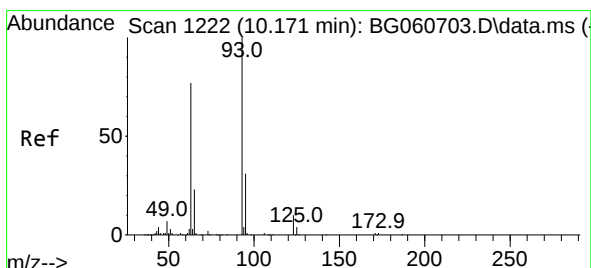
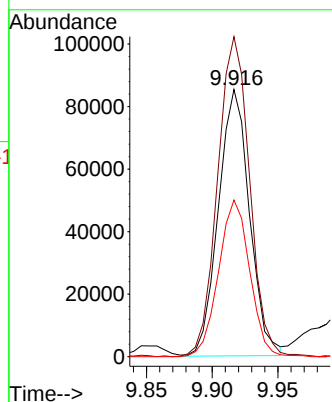
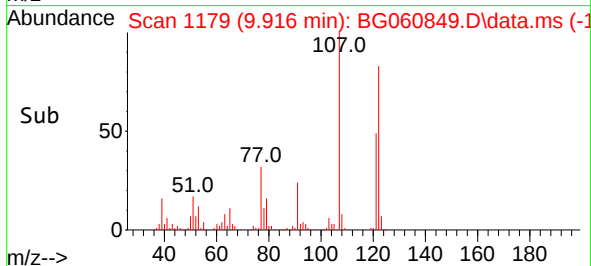
Tgt Ion:122 Resp: 14056
Ion Ratio Lower Upper
122 100
107 119.8 98.6 147.8
121 58.6 48.1 72.1

Manual Integrations

APPROVED

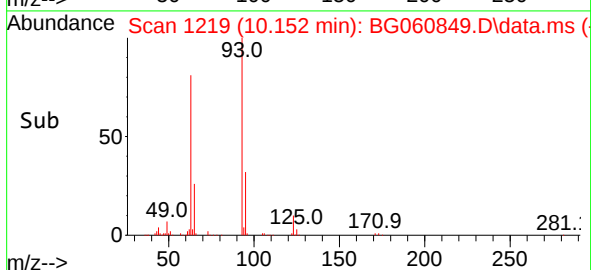
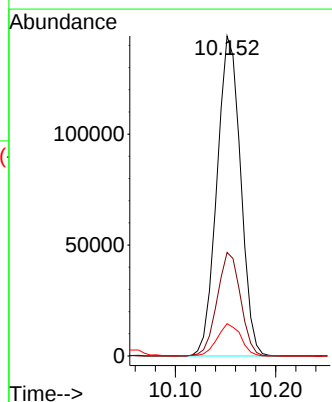
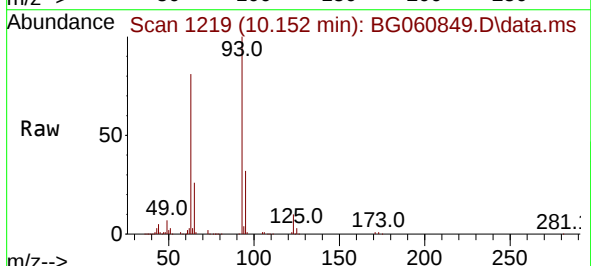
Reviewed By :Yogesh Patel 04/12/2024

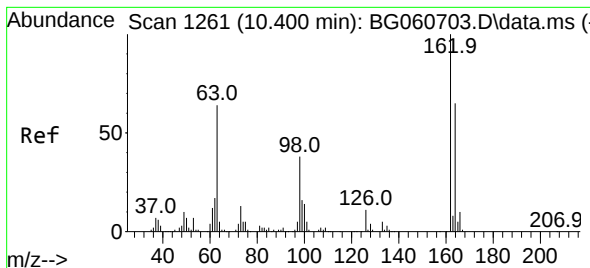
Supervised By :mohammad ahmed 04/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.267 ng
RT: 10.152 min Scan# 1219
Delta R.T. -0.019 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Tgt Ion: 93 Resp: 235533
Ion Ratio Lower Upper
93 100
95 32.4 25.1 37.7
123 10.1 8.0 12.0





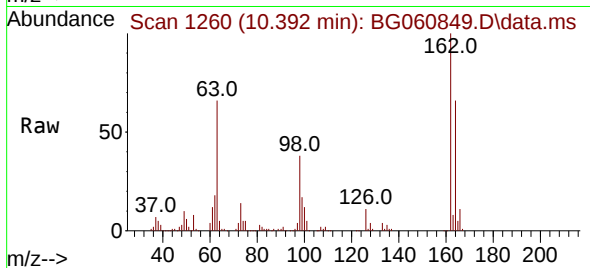
#29
2,4-Dichlorophenol
Concen: 51.645 ng
RT: 10.392 min Scan# 1260
Delta R.T. -0.008 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS

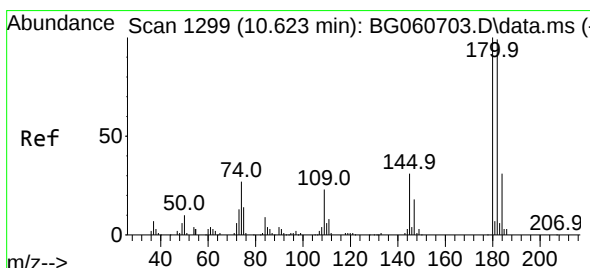
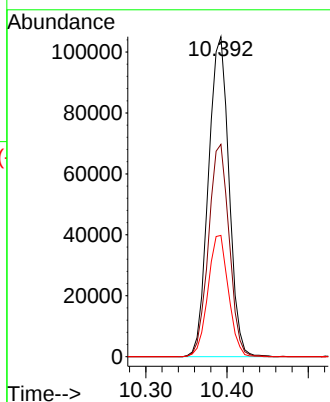
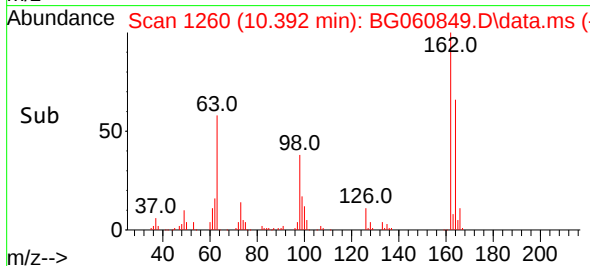


Tgt Ion:162 Resp: 18417
Ion Ratio Lower Upper
162 100
164 66.4 45.2 85.2
98 37.9 17.7 57.7

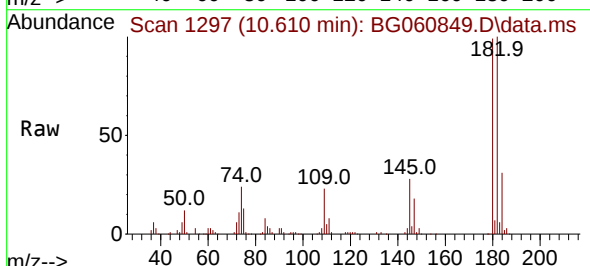
Manual Integrations

APPROVED

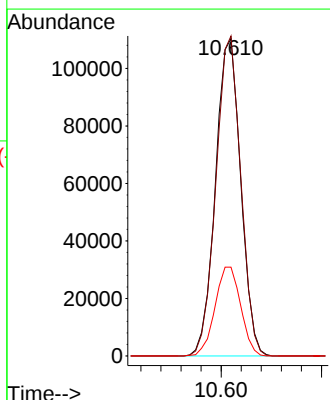
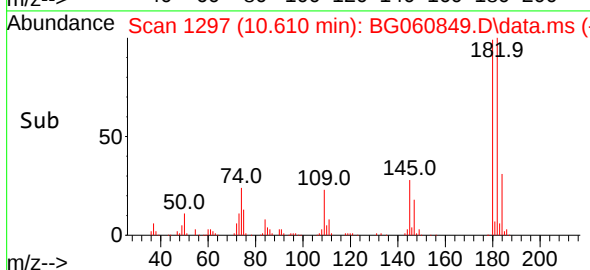
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

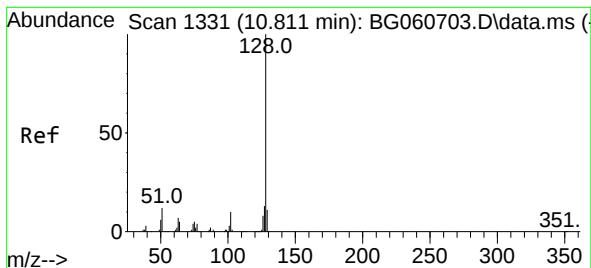


#30
1,2,4-Trichlorobenzene
Concen: 47.676 ng
RT: 10.610 min Scan# 1297
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00



Tgt Ion:180 Resp: 192522
Ion Ratio Lower Upper
180 100
182 100.8 79.0 118.4
145 28.0 24.9 37.3





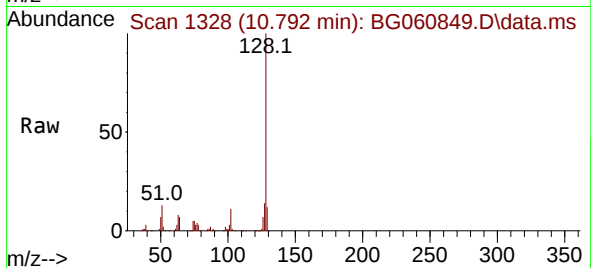
#31
Naphthalene
Concen: 42.141 ng
RT: 10.792 min Scan# 11
Delta R.T. -0.019 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS



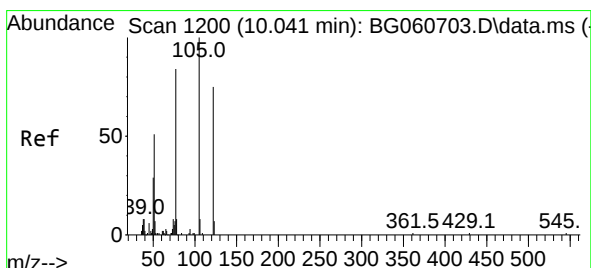
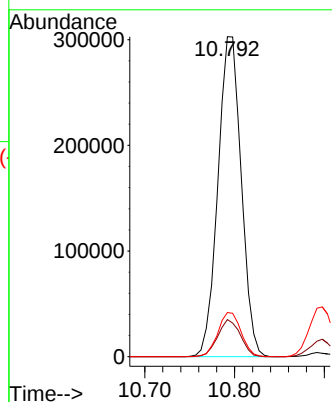
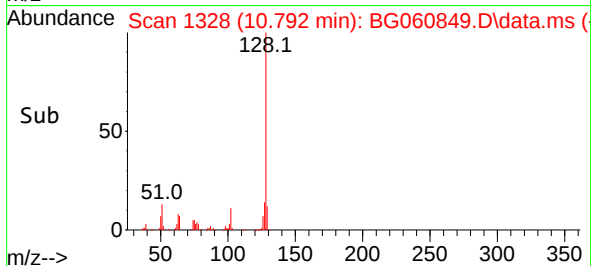
Tgt Ion:128 Resp: 545974
Ion Ratio Lower Upper
128 100
129 11.6 8.5 12.7
127 13.8 10.5 15.7

Manual Integrations

APPROVED

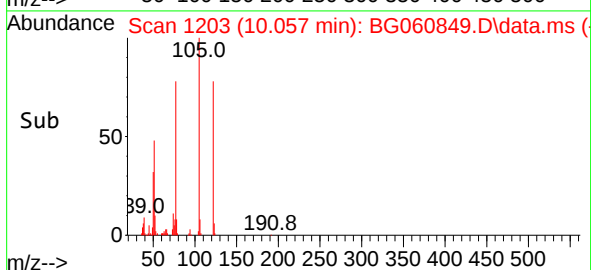
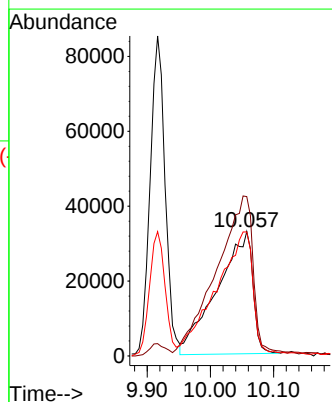
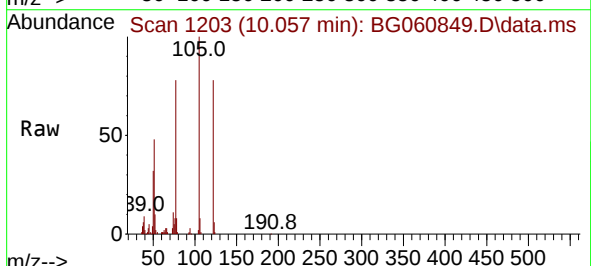
Reviewed By :Yogesh Patel 04/12/2024

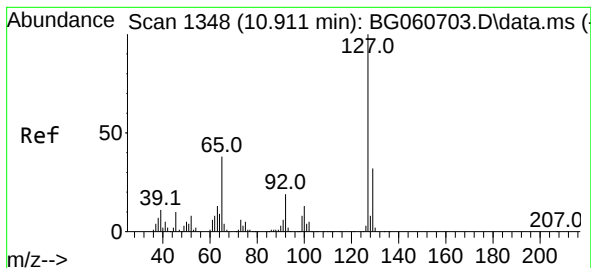
Supervised By :mohammad ahmed 04/12/2024



#32
Benzoic acid
Concen: 48.993 ng
RT: 10.057 min Scan# 1203
Delta R.T. 0.016 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Tgt Ion:122 Resp: 127016
Ion Ratio Lower Upper
122 100
105 128.0 104.5 144.5
77 99.6 85.3 125.3





#33
4-Chloroaniline
Concen: 14.794 ng
RT: 10.898 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

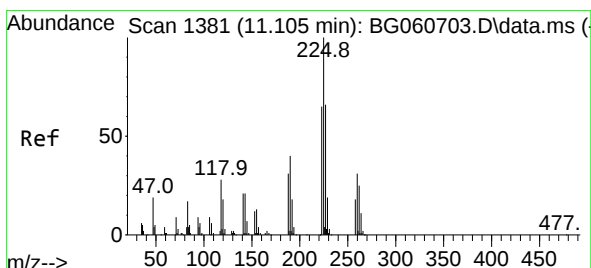
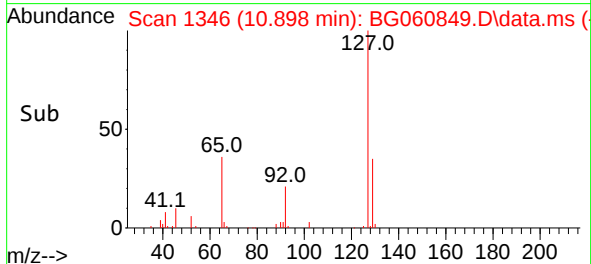
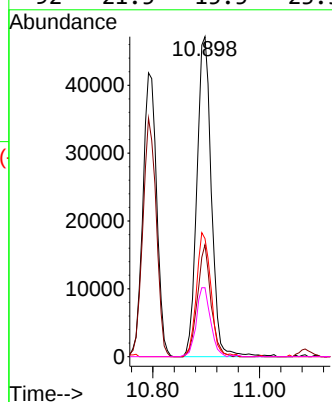
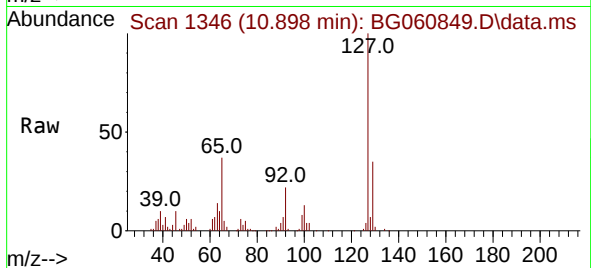
PB160028BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	35.0	25.3	37.9
65	36.9	30.2	45.2
92	21.5	15.5	23.3

Manual Integrations

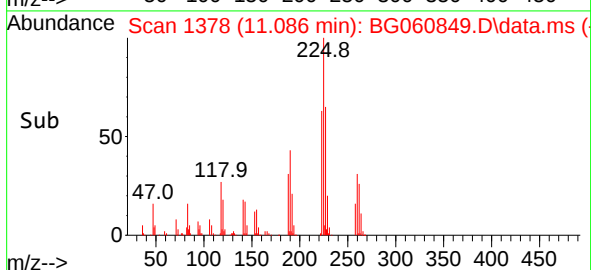
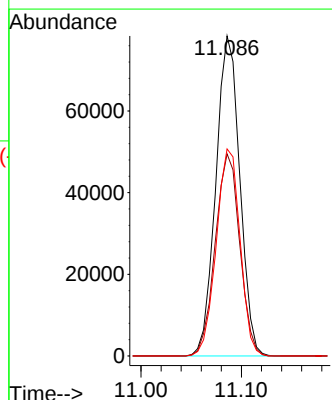
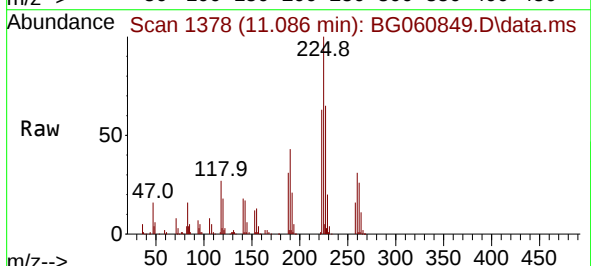
APPROVED

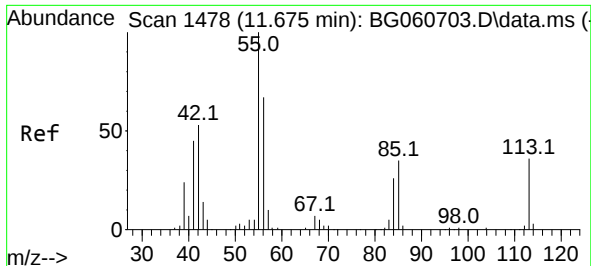
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#34
Hexachlorobutadiene
Concen: 48.229 ng
RT: 11.086 min Scan# 1378
Delta R.T. -0.019 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	52.0	78.0
227	64.7	52.5	78.7





#35
Caprolactam
Concen: 44.373 ng m
RT: 11.667 min Scan# 1477
Delta R.T. -0.007 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

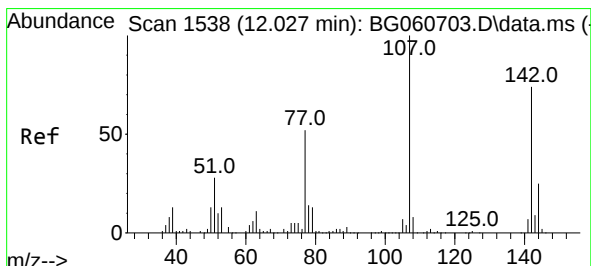
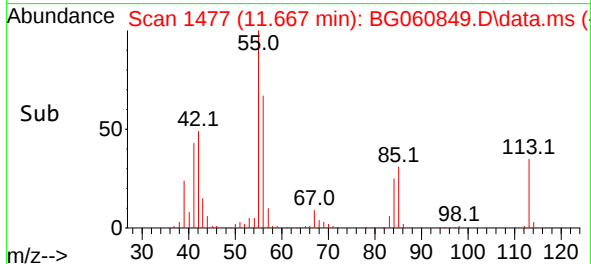
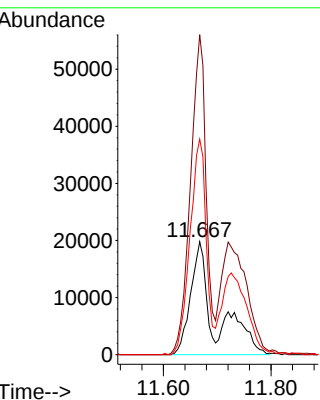
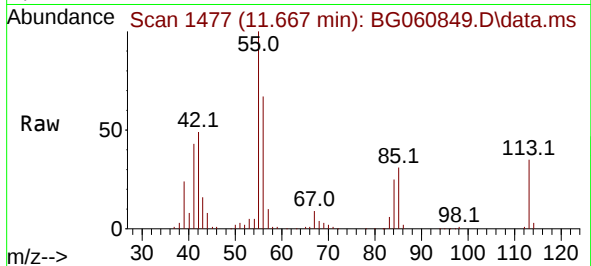
PB160028BS

Tgt Ion:113 Resp: 6267
Ion Ratio Lower Upper
113 100
55 283.2 258.0 298.0
56 190.7 166.3 206.3

Manual Integrations

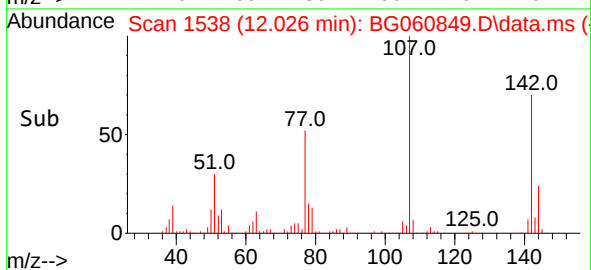
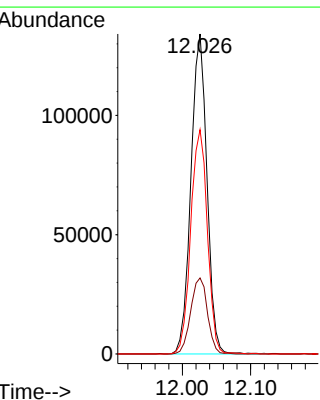
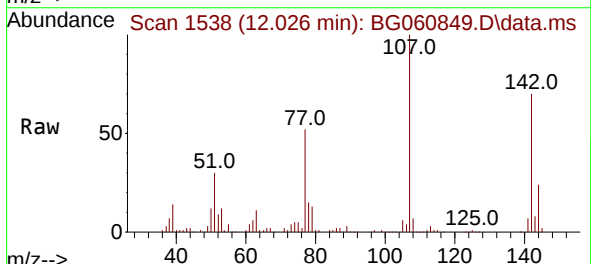
APPROVED

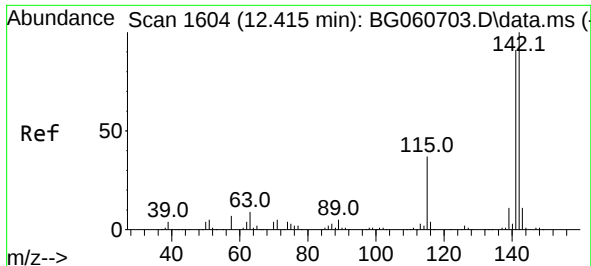
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#36
4-Chloro-3-methylphenol
Concen: 48.125 ng
RT: 12.026 min Scan# 1538
Delta R.T. -0.001 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Tgt Ion:107 Resp: 219239
Ion Ratio Lower Upper
107 100
144 23.8 20.0 30.0
142 70.1 59.2 88.8





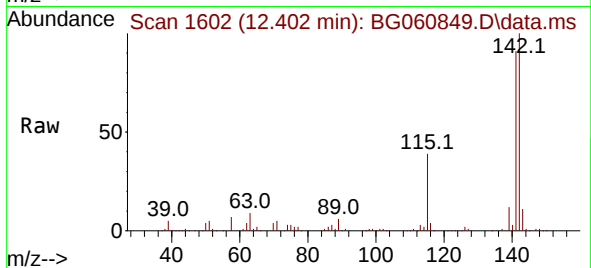
#37
2-Methylnaphthalene
Concen: 41.199 ng
RT: 12.402 min Scan# 1602
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS



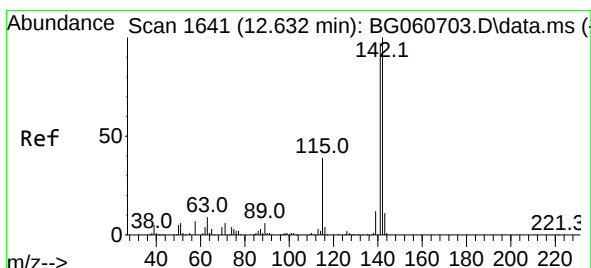
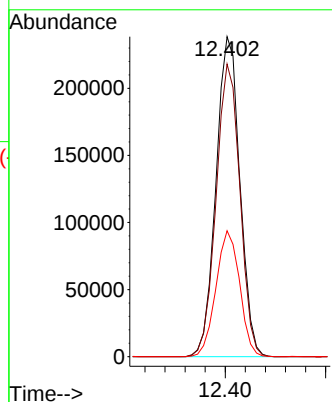
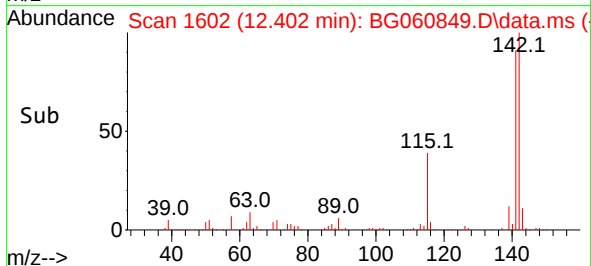
Tgt Ion:142 Resp: 392429
Ion Ratio Lower Upper
142 100
141 91.5 72.7 109.1
115 39.3 29.9 44.9

Manual Integrations

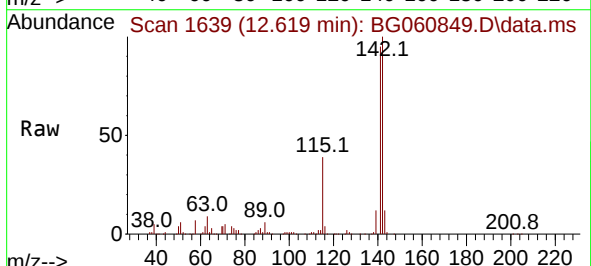
APPROVED

Reviewed By :Yogesh Patel 04/12/2024

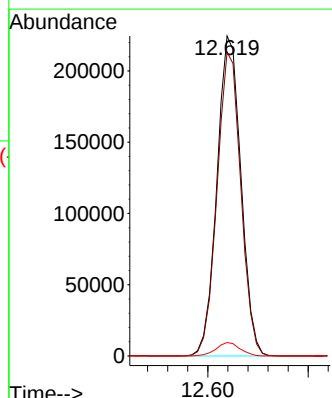
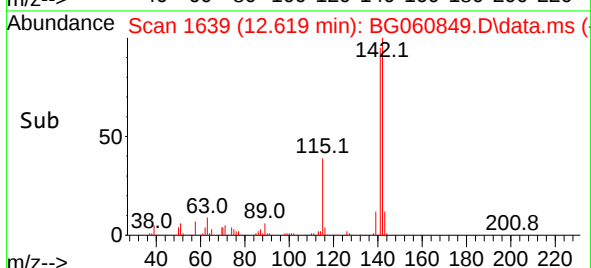
Supervised By :mohammad ahmed 04/12/2024

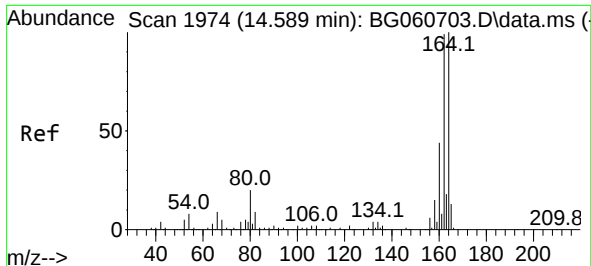


#38
1-Methylnaphthalene
Concen: 41.400 ng
RT: 12.619 min Scan# 1639
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00



Tgt Ion:142 Resp: 372528
Ion Ratio Lower Upper
142 100
141 95.0 77.7 116.5
116 4.2 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.576 min Scan# 1974
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

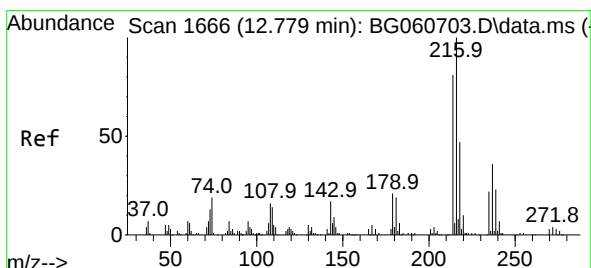
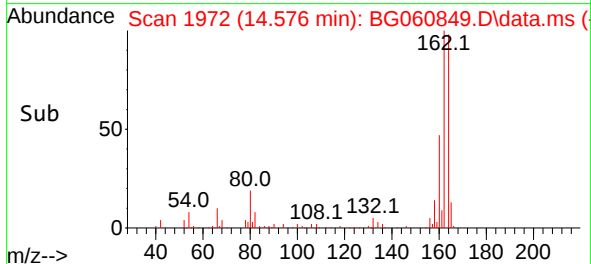
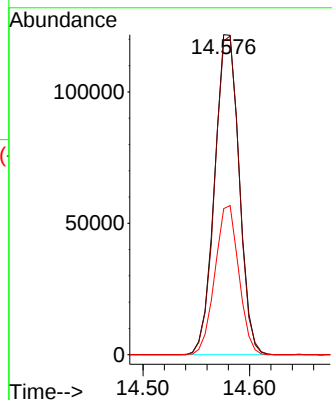
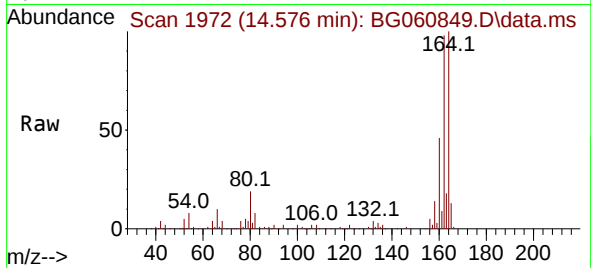
ClientSampleId :

PB160028BS

Tgt Ion:164 Resp: 194386
Ion Ratio Lower Upper
164 100
162 98.0 79.5 119.3
160 45.7 35.4 53.0

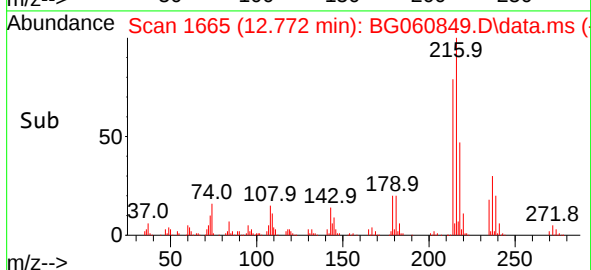
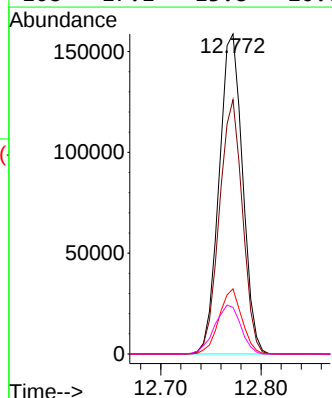
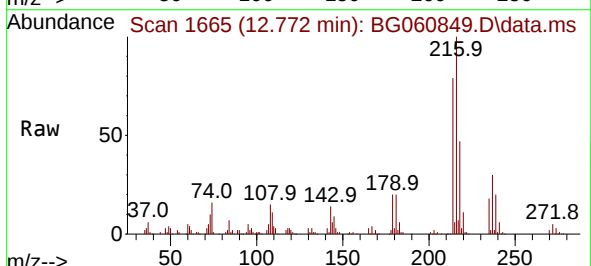
Manual Integrations
APPROVED

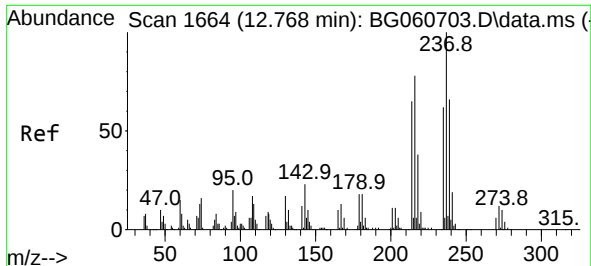
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.100 ng
RT: 12.772 min Scan# 1665
Delta R.T. -0.007 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Tgt Ion:216 Resp: 257626
Ion Ratio Lower Upper
216 100
214 78.0 63.1 94.7
179 19.8 16.7 25.1
108 17.1 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 104.542 ng
RT: 12.754 min Scan# 1662
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

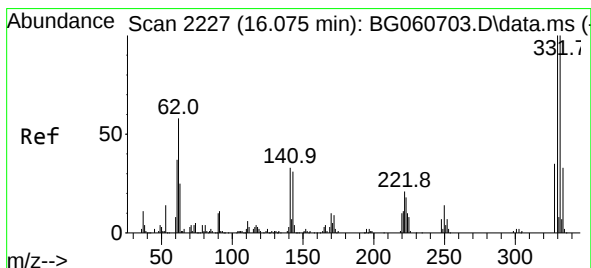
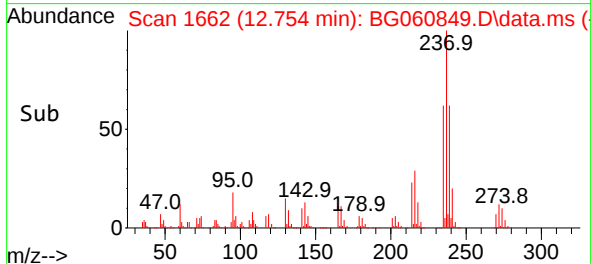
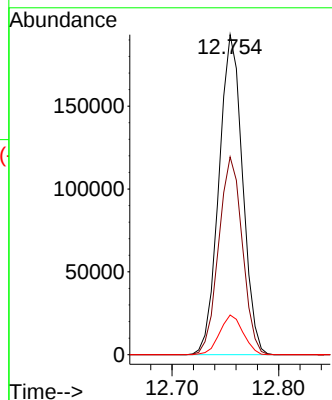
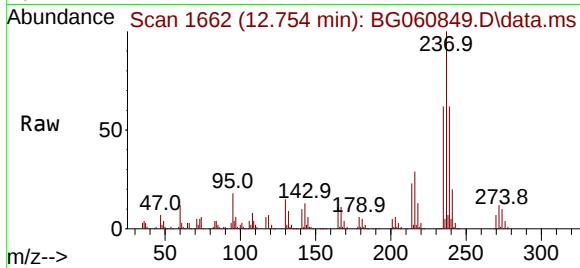
PB160028BS

Tgt Ion:237 Resp: 297064
Ion Ratio Lower Upper
237 100
235 61.8 42.0 82.0
272 12.4 0.0 32.4

Manual Integrations

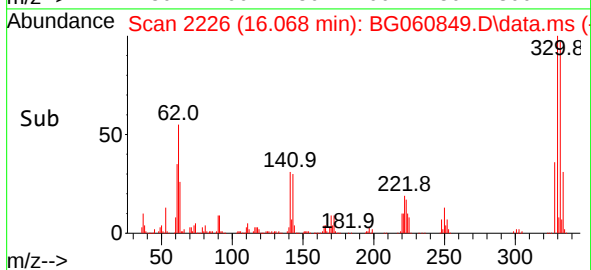
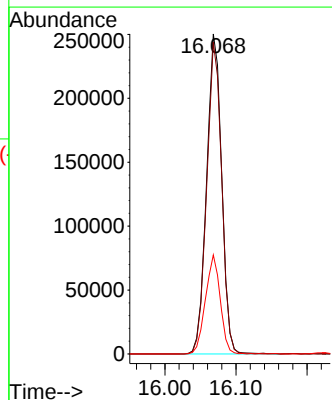
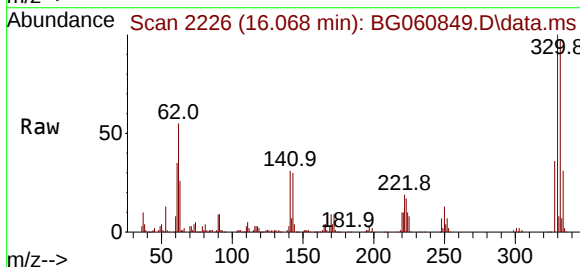
APPROVED

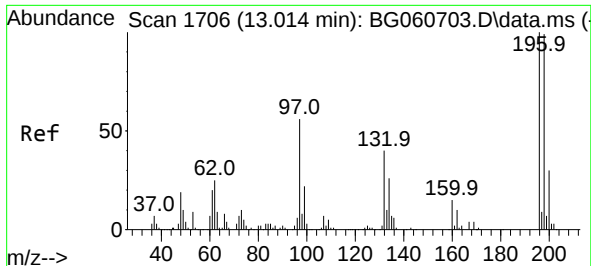
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#42
2,4,6-Tribromophenol
Concen: 167.528 ng
RT: 16.068 min Scan# 2226
Delta R.T. -0.007 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Tgt Ion:330 Resp: 369666
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.4
141 30.3 27.0 40.6





#43
2,4,6-Trichlorophenol
Concen: 50.953 ng
RT: 13.007 min Scan# 1716
Delta R.T. -0.007 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

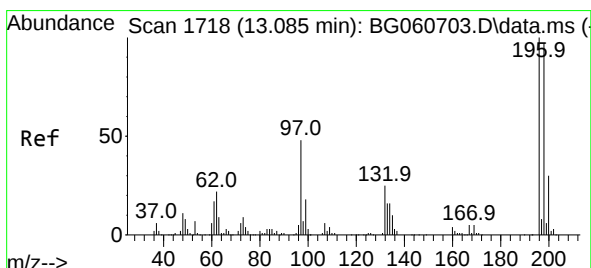
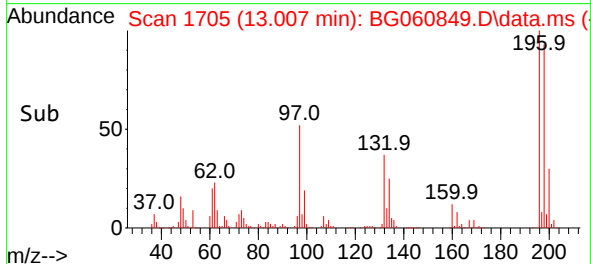
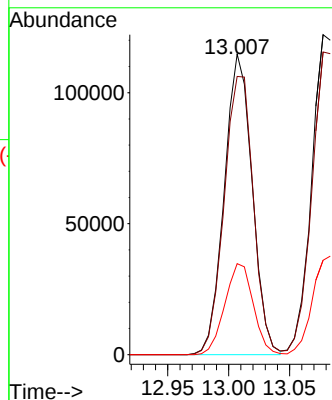
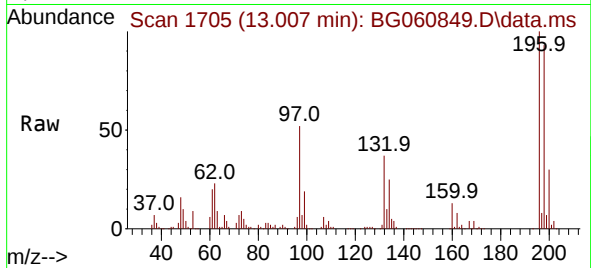
PB160028BS

Tgt Ion:196 Resp: 183349
Ion Ratio Lower Upper
196 100
198 92.5 79.1 118.7
200 30.3 24.0 36.0

Manual Integrations

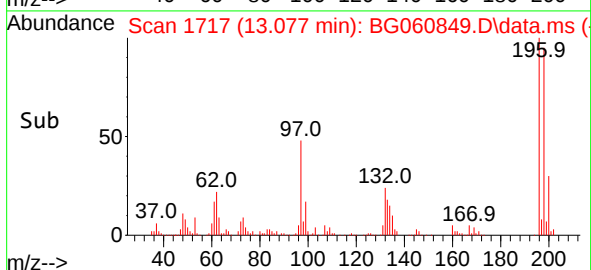
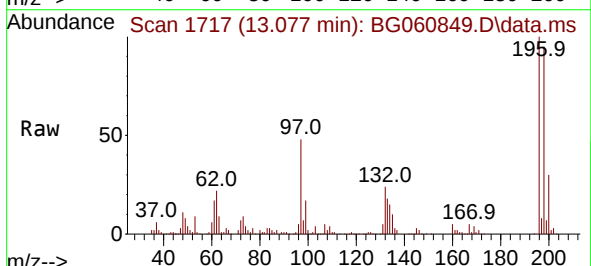
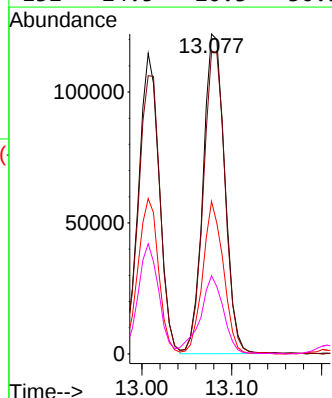
APPROVED

Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#44
2,4,5-Trichlorophenol
Concen: 47.629 ng
RT: 13.077 min Scan# 1717
Delta R.T. -0.007 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Tgt Ion:196 Resp: 204535
Ion Ratio Lower Upper
196 100
198 94.6 77.8 116.8
97 47.7 38.2 57.4
132 24.5 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 82.174 ng
RT: 13.207 min Scan# 1739
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

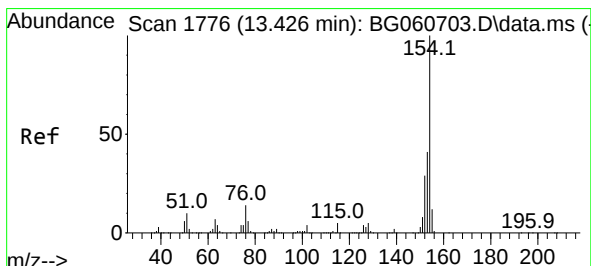
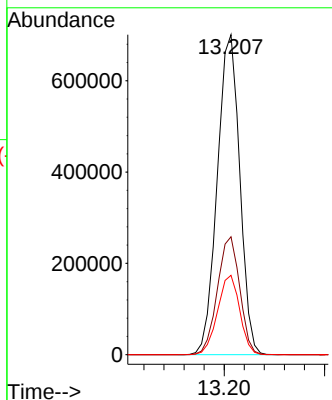
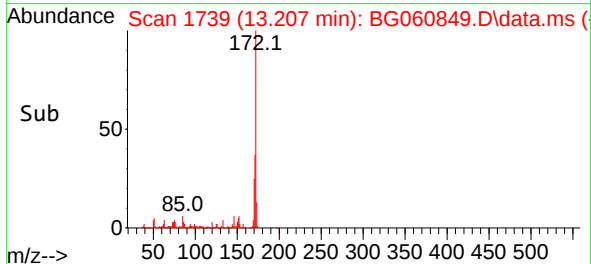
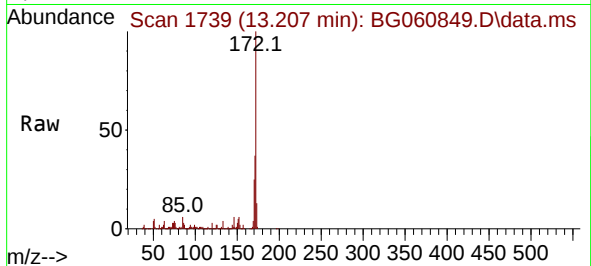
ClientSampleId :

PB160028BS

Tgt Ion:172 Resp: 108839
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 24.8 19.4 29.0

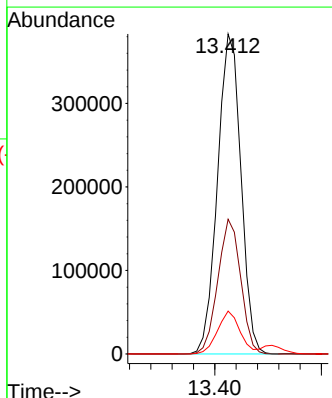
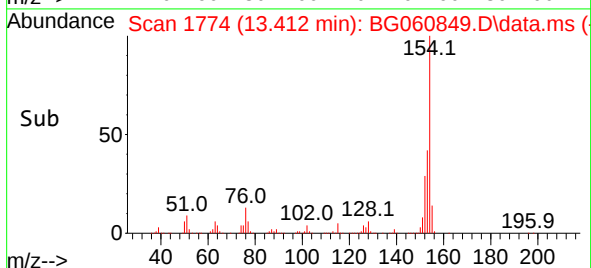
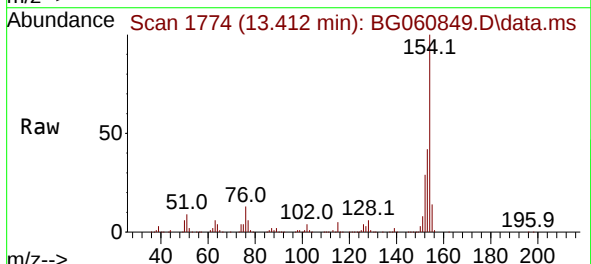
Manual Integrations
APPROVED

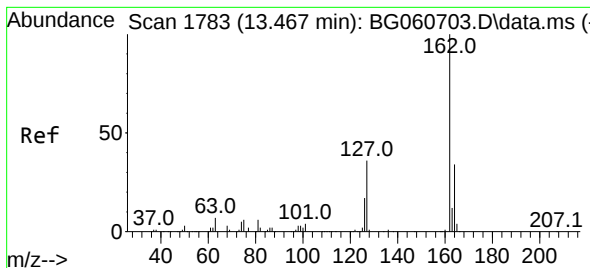
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#46
1,1'-Biphenyl
Concen: 42.462 ng
RT: 13.412 min Scan# 1774
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Tgt Ion:154 Resp: 583017
Ion Ratio Lower Upper
154 100
153 42.1 20.8 60.8
76 13.4 0.0 33.9





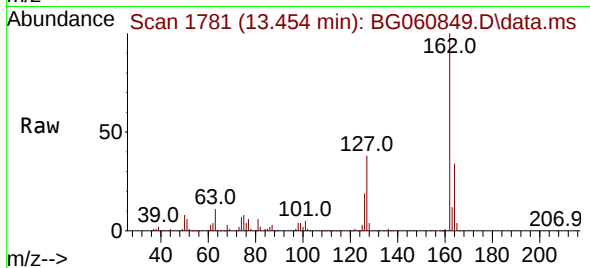
#47
2-Chloronaphthalene
Concen: 43.811 ng
RT: 13.454 min Scan# 1783
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS



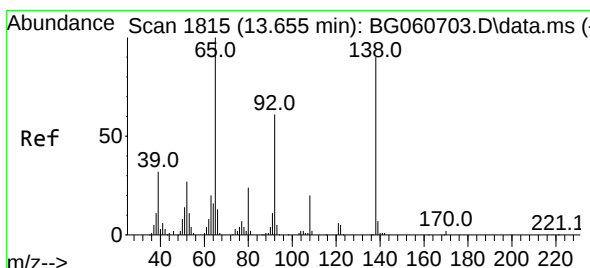
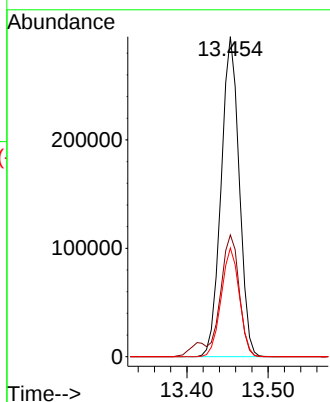
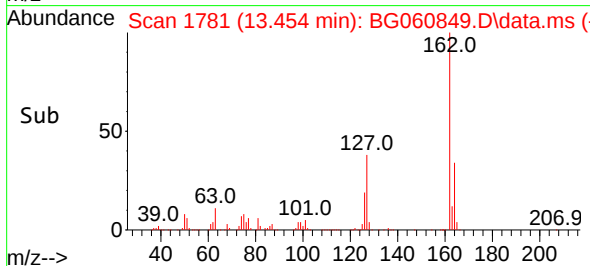
Tgt Ion:162 Resp: 457028
Ion Ratio Lower Upper
162 100
127 38.0 30.6 46.0
164 33.9 26.9 40.3

Manual Integrations

APPROVED

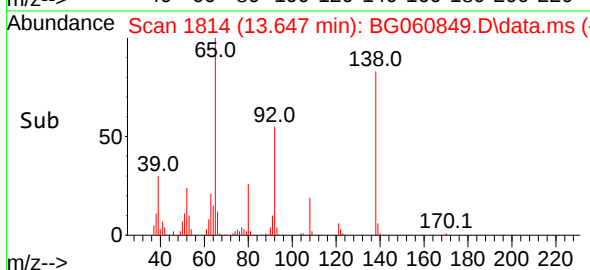
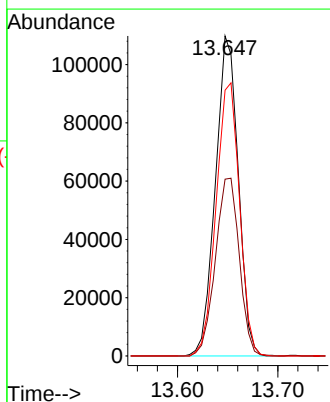
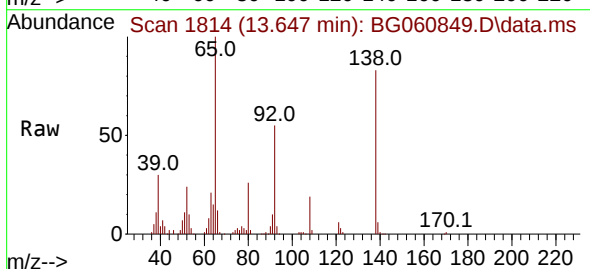
Reviewed By :Yogesh Patel 04/12/2024

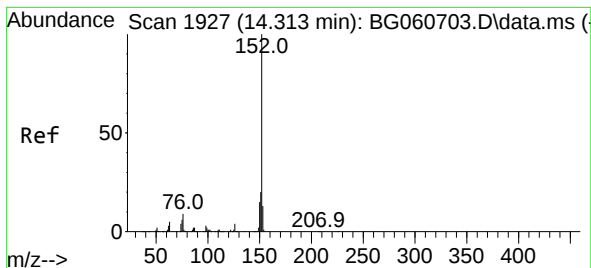
Supervised By :mohammad ahmed 04/12/2024



#48
2-Nitroaniline
Concen: 50.747 ng
RT: 13.647 min Scan# 1814
Delta R.T. -0.008 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Tgt Ion: 65 Resp: 173349
Ion Ratio Lower Upper
65 100
92 55.2 48.6 72.8
138 83.1 72.2 108.4





#49

Acenaphthylene

Concen: 44.482 ng

RT: 14.300 min Scan# 1927

Delta R.T. -0.013 min

Lab File: BG060849.D

Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS

Tgt Ion:152 Resp: 77967

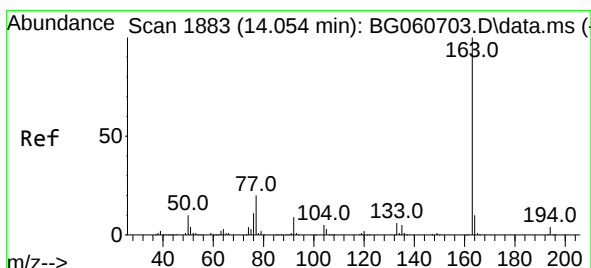
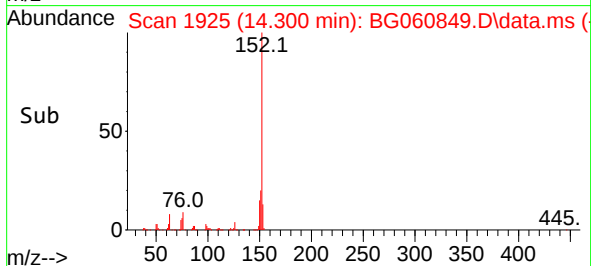
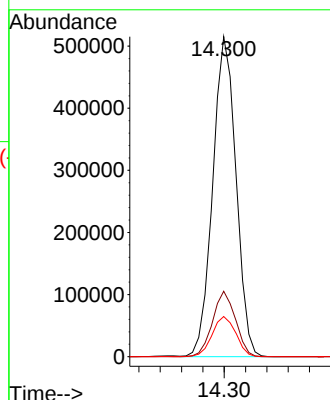
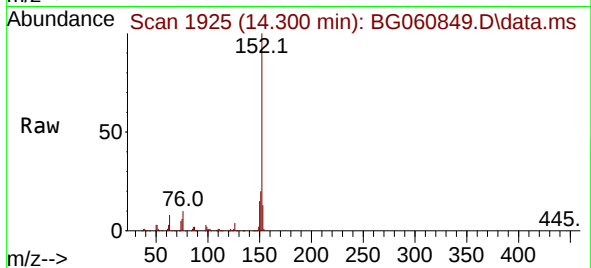
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6
153	12.6	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#50

Dimethylphthalate

Concen: 41.781 ng

RT: 14.041 min Scan# 1881

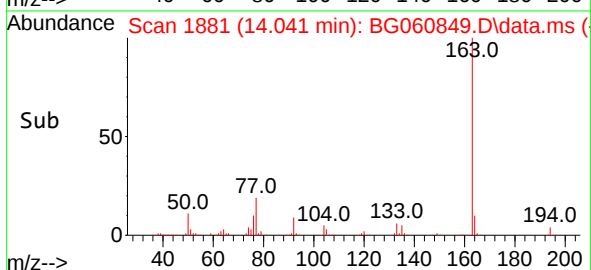
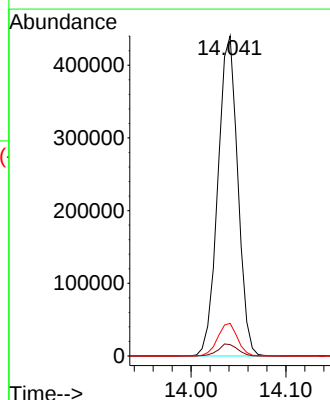
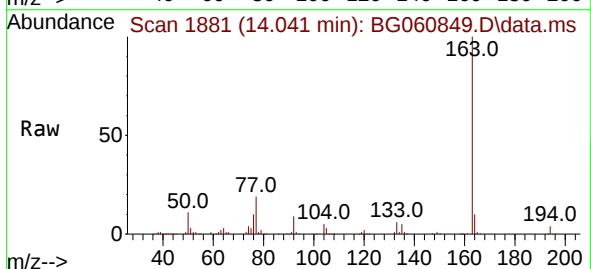
Delta R.T. -0.013 min

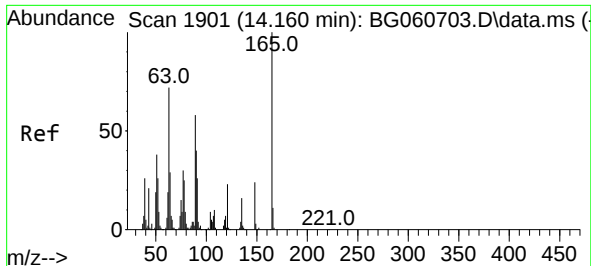
Lab File: BG060849.D

Acq: 10 Apr 2024 14:00

Tgt Ion:163 Resp: 641943

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.6
164	10.2	7.9	11.9





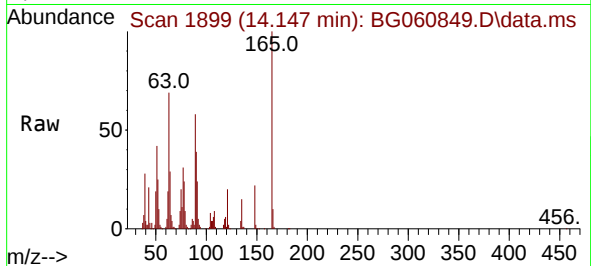
#51
2,6-Dinitrotoluene
Concen: 48.251 ng
RT: 14.147 min Scan# 1899
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS

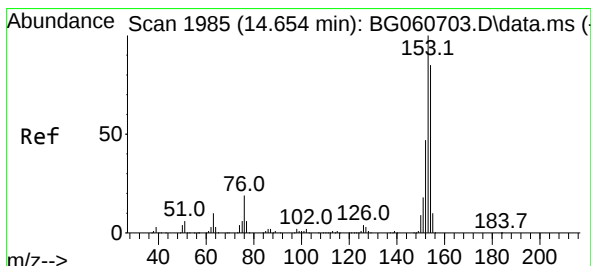
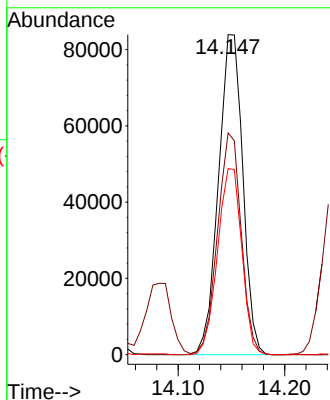
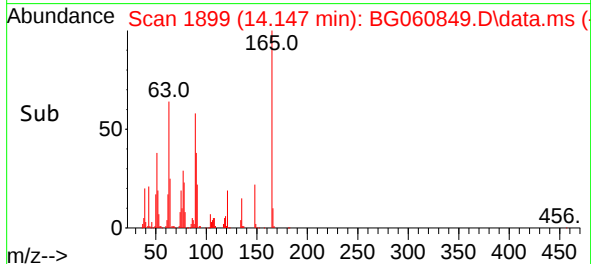


Tgt Ion:165 Resp: 132790
Ion Ratio Lower Upper
165 100
63 69.3 58.2 87.4
89 58.1 46.1 69.1

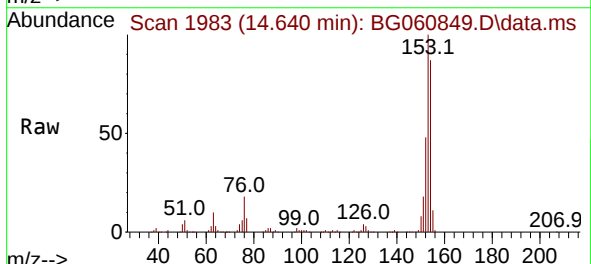
Manual Integrations

APPROVED

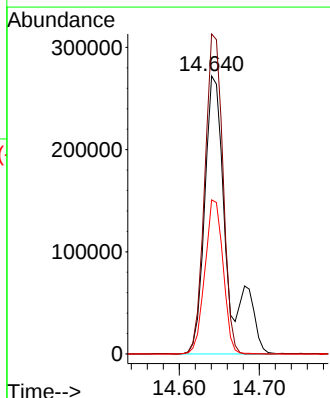
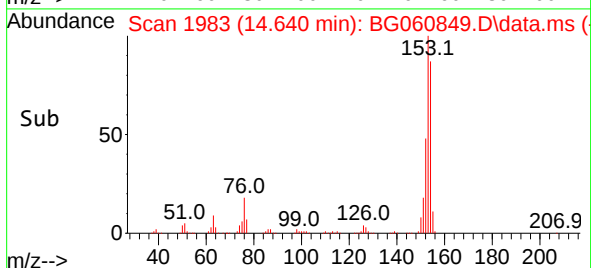
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

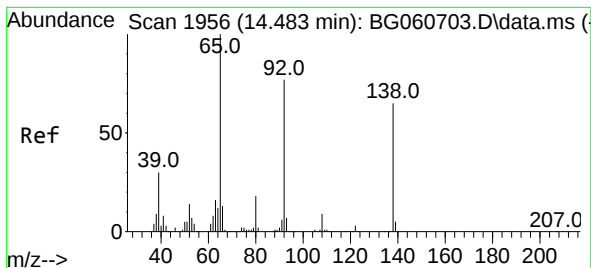


#52
Acenaphthene
Concen: 47.829 ng m
RT: 14.640 min Scan# 1983
Delta R.T. -0.014 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00



Tgt Ion:154 Resp: 526368
Ion Ratio Lower Upper
154 100
153 115.1 93.9 140.9
152 55.4 44.1 66.1





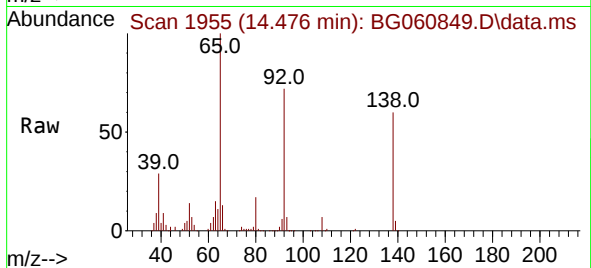
#53
3-Nitroaniline
Concen: 29.026 ng
RT: 14.476 min Scan# 1955
Delta R.T. -0.007 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS



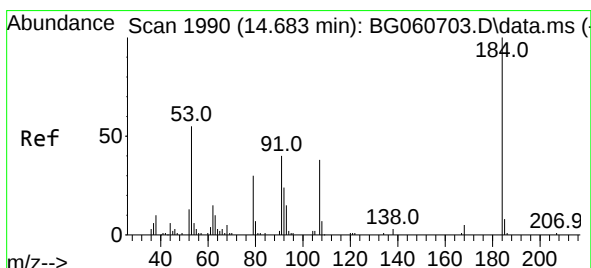
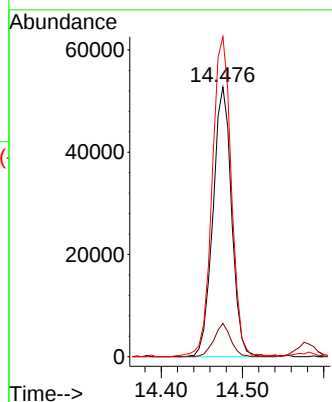
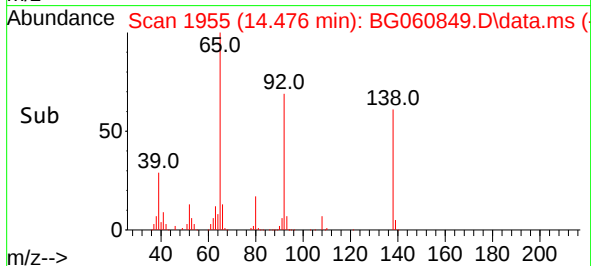
Tgt Ion:138 Resp: 83980
Ion Ratio Lower Upper
138 100
108 12.4 11.3 16.9
92 118.7 94.1 141.1

Manual Integrations

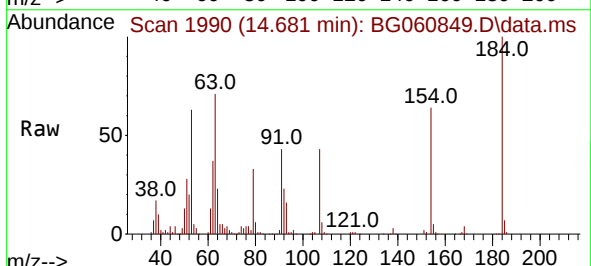
APPROVED

Reviewed By :Yogesh Patel 04/12/2024

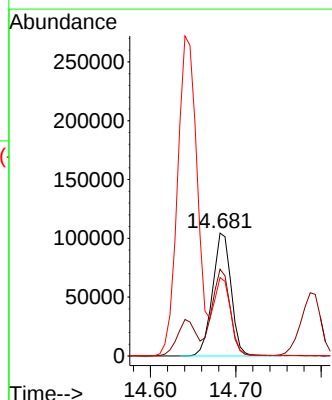
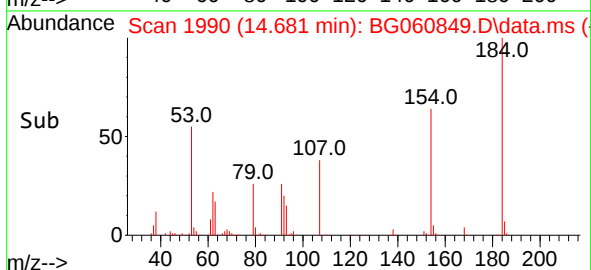
Supervised By :mohammad ahmed 04/12/2024

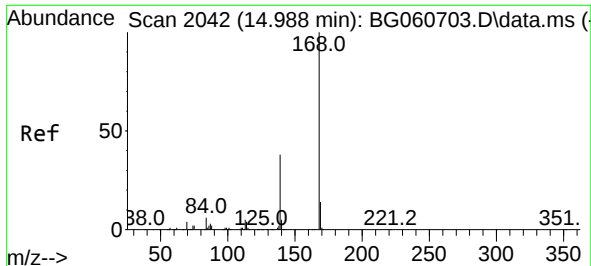


#54
2,4-Dinitrophenol
Concen: 148.085 ng
RT: 14.681 min Scan# 1990
Delta R.T. -0.002 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00



Tgt Ion:184 Resp: 158370
Ion Ratio Lower Upper
184 100
63 70.6 51.3 76.9
154 63.8 59.9 89.9





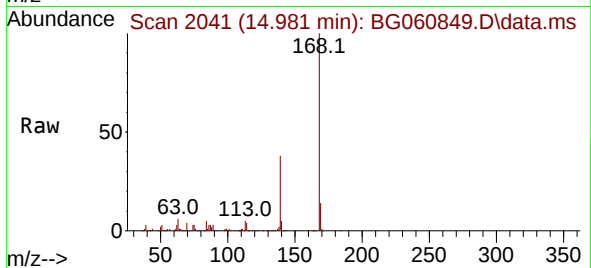
#55
Dibenzenofuran
Concen: 41.649 ng
RT: 14.981 min Scan# 2042
Delta R.T. -0.007 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS



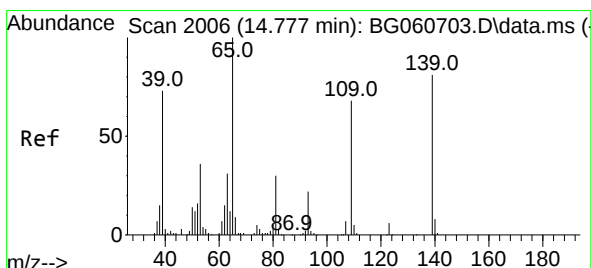
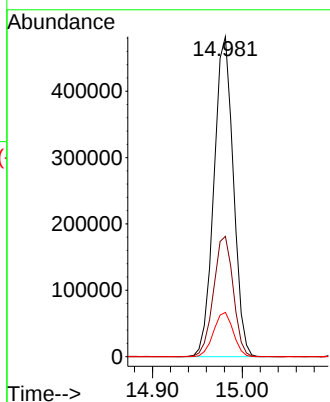
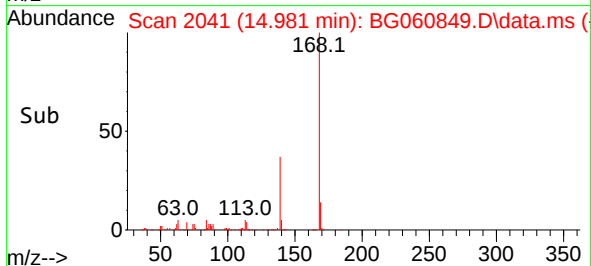
Tgt Ion:168 Resp: 722979
Ion Ratio Lower Upper
168 100
139 37.6 30.1 45.1
169 13.9 11.0 16.4

Manual Integrations

APPROVED

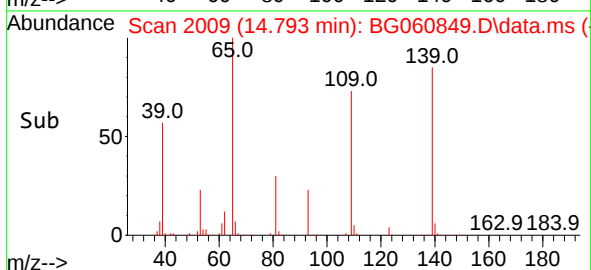
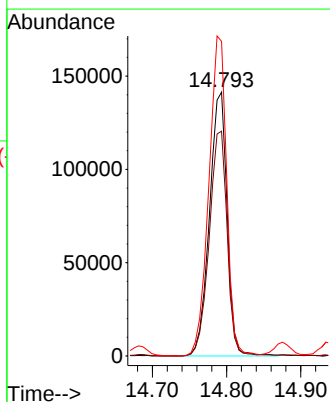
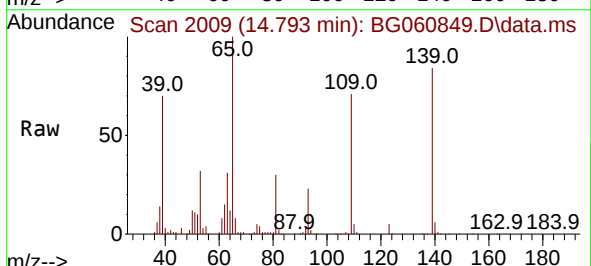
Reviewed By :Yogesh Patel 04/12/2024

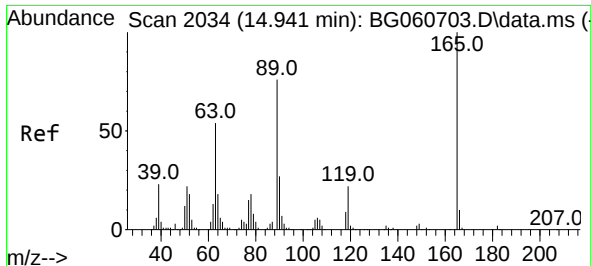
Supervised By :mohammad ahmed 04/12/2024



#56
4-Nitrophenol
Concen: 104.158 ng
RT: 14.793 min Scan# 2009
Delta R.T. 0.016 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Tgt Ion:139 Resp: 233951
Ion Ratio Lower Upper
139 100
109 85.2 64.0 104.0
65 119.2 104.3 144.3





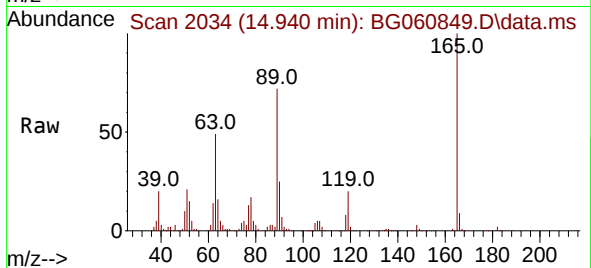
#57
2,4-Dinitrotoluene
Concen: 53.723 ng
RT: 14.940 min Scan# 2034
Delta R.T. -0.001 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS

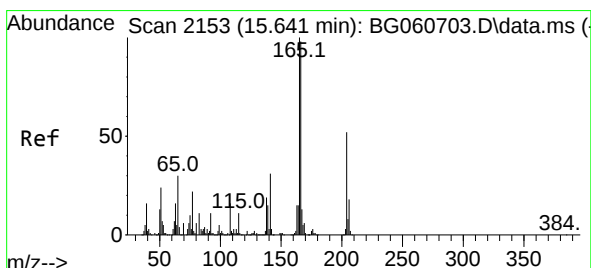
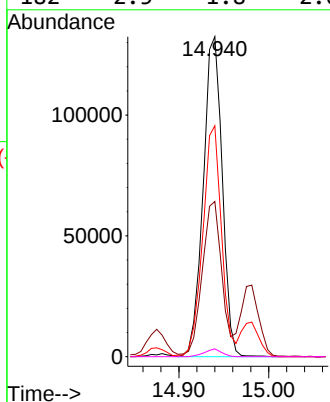
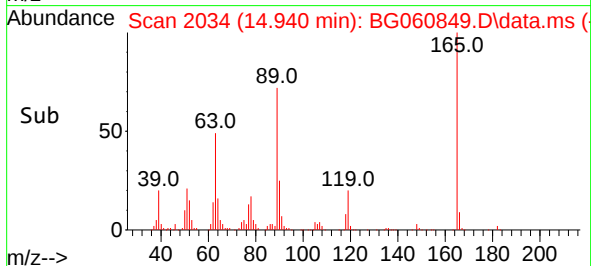


Tgt Ion:165 Resp: 194829
Ion Ratio Lower Upper
165 100
63 48.5 43.4 65.0
89 72.1 61.0 91.6
182 2.5 1.8 2.6

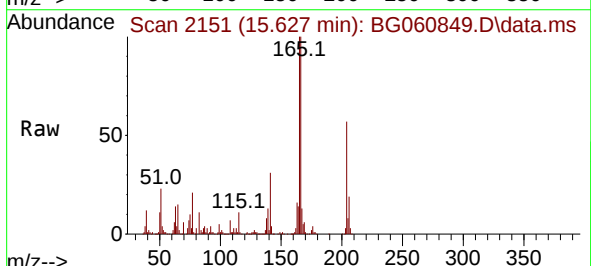
Manual Integrations

APPROVED

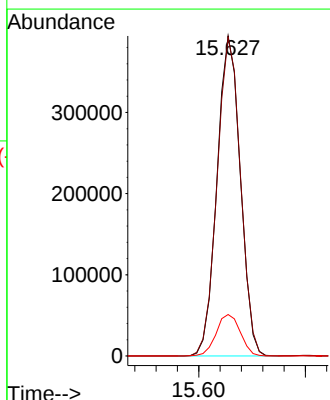
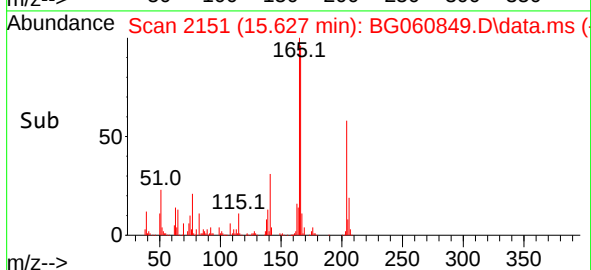
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

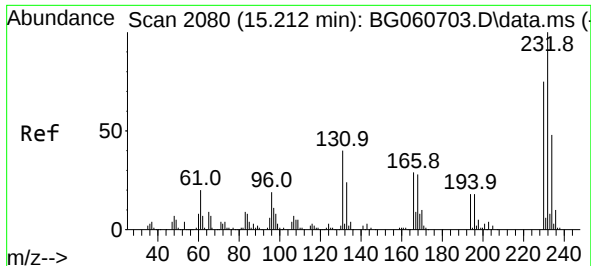


#58
Fluorene
Concen: 42.891 ng
RT: 15.627 min Scan# 2151
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00



Tgt Ion:166 Resp: 597560
Ion Ratio Lower Upper
166 100
165 99.7 81.8 122.8
167 12.9 10.9 16.3





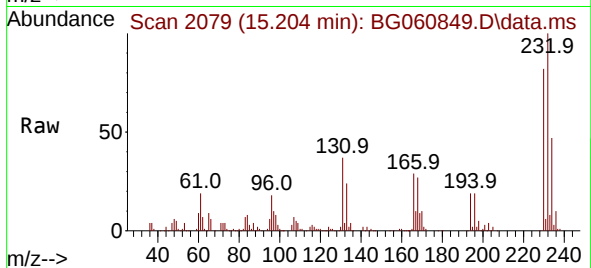
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.908 ng
RT: 15.204 min Scan# 2080
Delta R.T. -0.008 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS



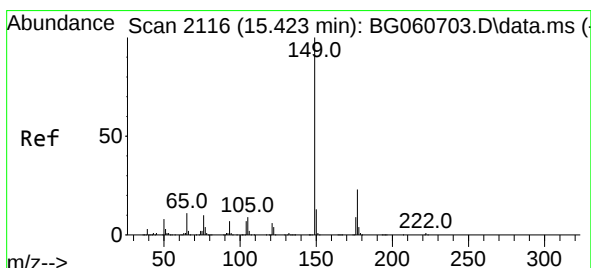
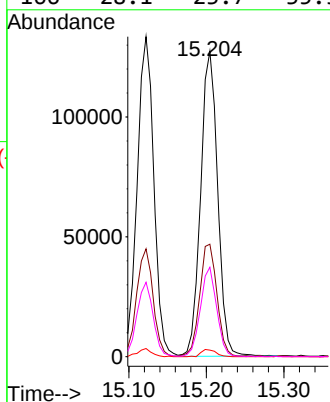
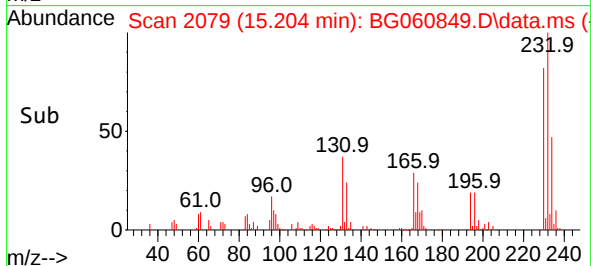
Tgt Ion:232 Resp: 194261
Ion Ratio Lower Upper
232 100
131 37.3 32.2 48.2
130 2.1 2.1 3.1
166 28.1 23.7 35.5

Manual Integrations

APPROVED

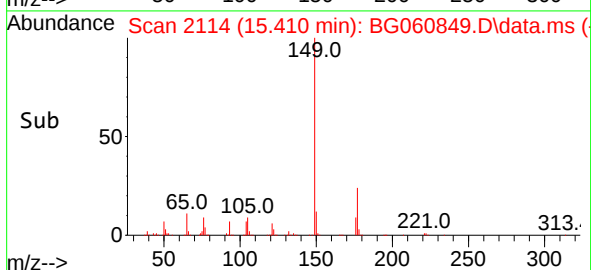
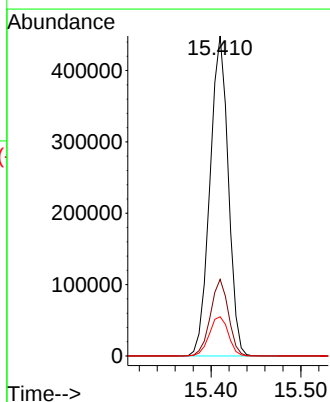
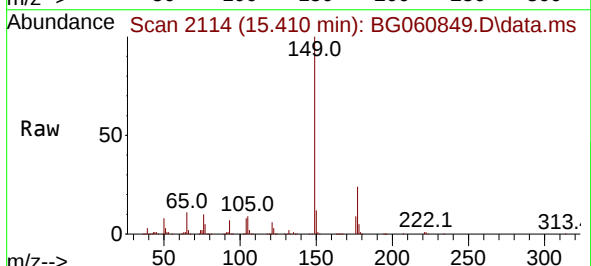
Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#60
Diethylphthalate
Concen: 41.094 ng
RT: 15.410 min Scan# 2114
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Tgt Ion:149 Resp: 635221
Ion Ratio Lower Upper
149 100
177 24.0 18.0 27.0
150 12.2 10.2 15.4





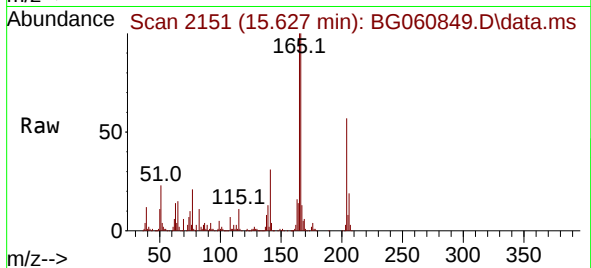
#61
4-Chlorophenyl-phenylether
Concen: 43.773 ng
RT: 15.627 min Scan# 2151
Delta R.T. -0.014 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS



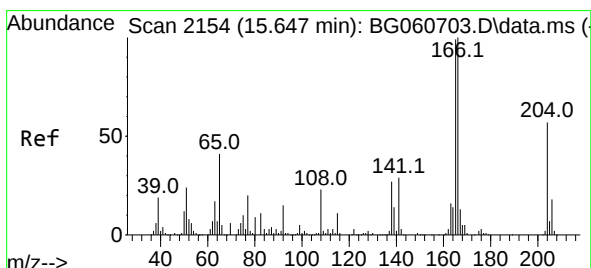
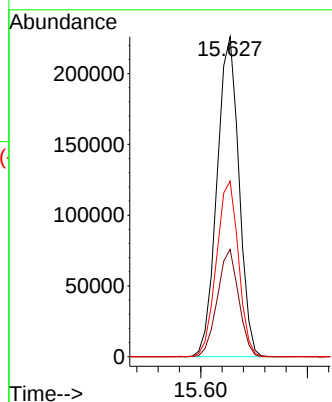
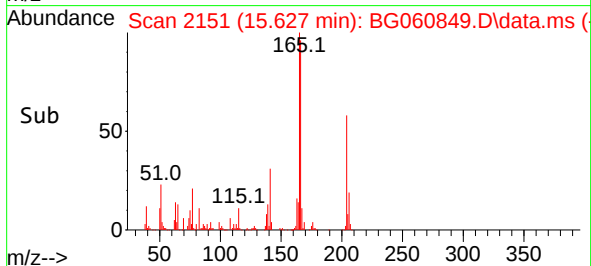
Tgt Ion:204 Resp: 32263
Ion Ratio Lower Upper
204 100
206 33.5 28.3 42.5
141 54.9 47.2 70.8

Manual Integrations

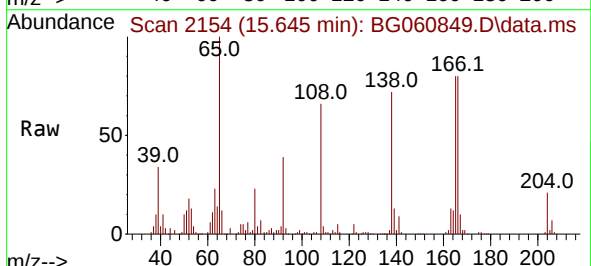
APPROVED

Reviewed By :Yogesh Patel 04/12/2024

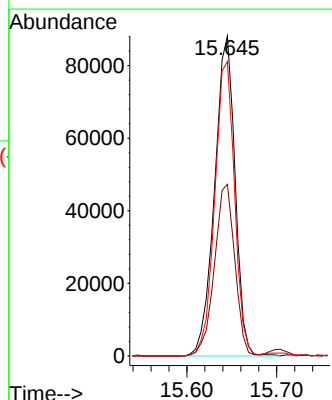
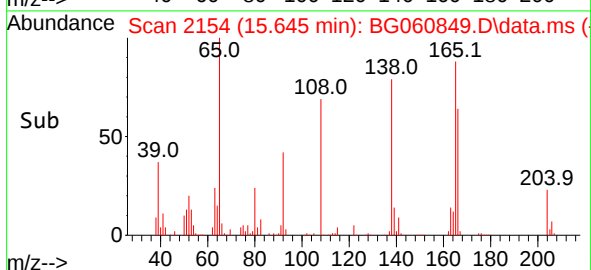
Supervised By :mohammad ahmed 04/12/2024

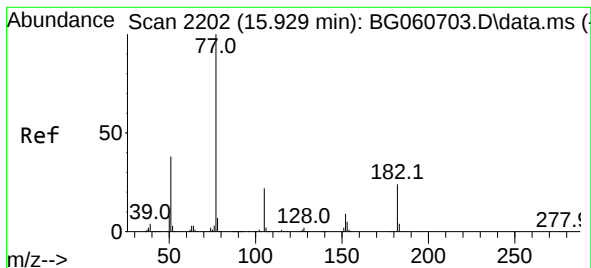


#62
4-Nitroaniline
Concen: 49.581 ng
RT: 15.645 min Scan# 2154
Delta R.T. -0.001 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00



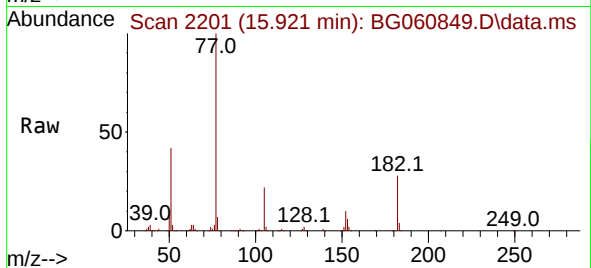
Tgt Ion:138 Resp: 139279
Ion Ratio Lower Upper
138 100
92 53.7 36.8 76.8
108 92.0 66.9 106.9





#63
Azobenzene
Concen: 39.843 ng
RT: 15.921 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

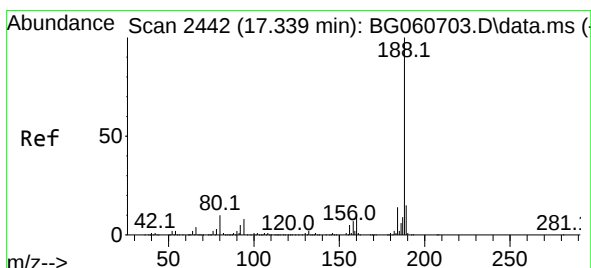
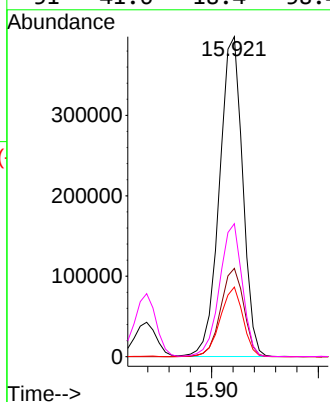
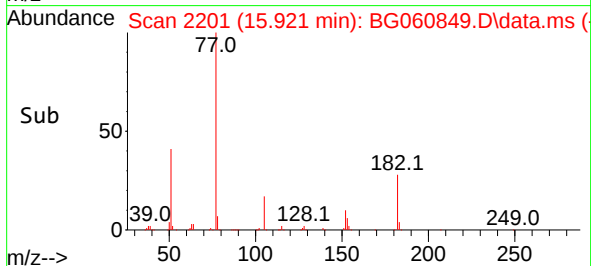
Instrument :
BNA_G
ClientSampleId :
PB160028BS



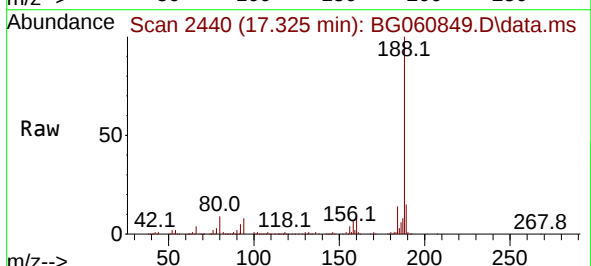
Tgt Ion: 77 Resp: 600150
Ion Ratio Lower Upper
77 100
182 27.6 3.9 43.9
105 21.8 1.7 41.7
51 41.6 18.4 58.4

Manual Integrations
APPROVED

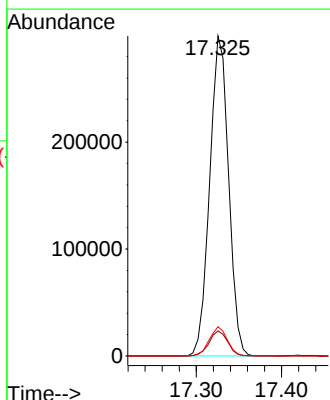
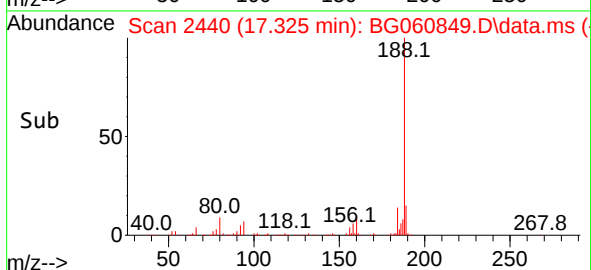
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

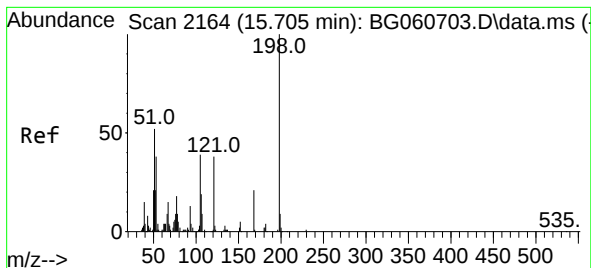


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 2440
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00



Tgt Ion:188 Resp: 460638
Ion Ratio Lower Upper
188 100
94 7.8 6.6 9.8
80 9.1 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 58.376 ng
RT: 15.704 min Scan# 2164
Delta R.T. -0.001 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

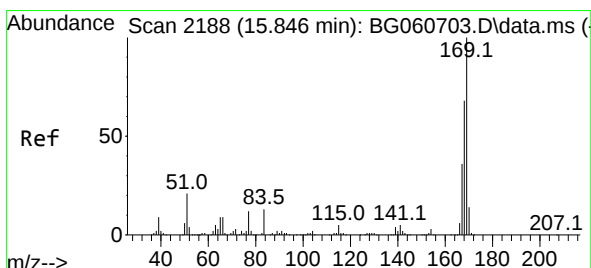
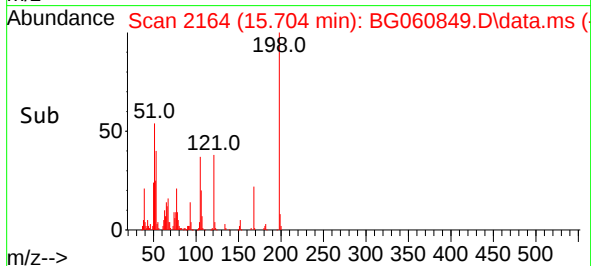
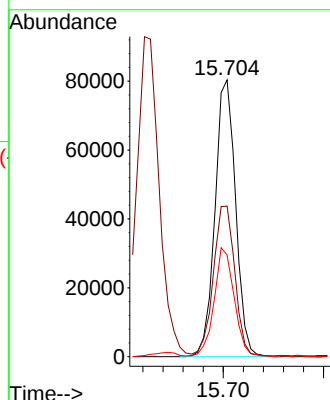
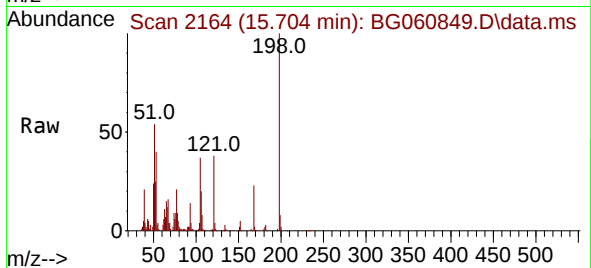
ClientSampleId :

PB160028BS

Tgt Ion:198 Resp: 114360
Ion Ratio Lower Upper
198 100
51 54.4 36.7 76.7
105 36.8 19.1 59.1

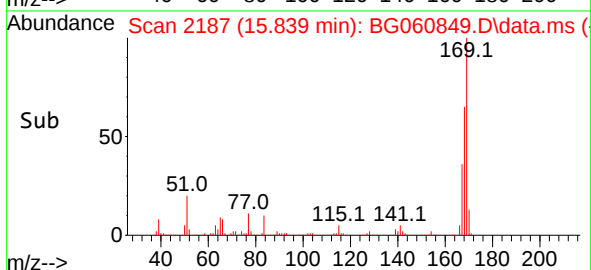
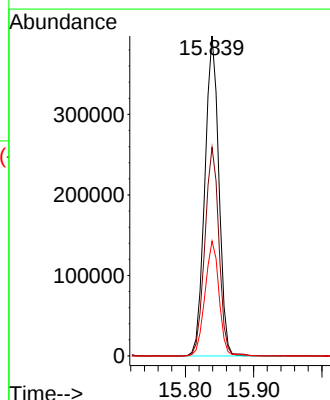
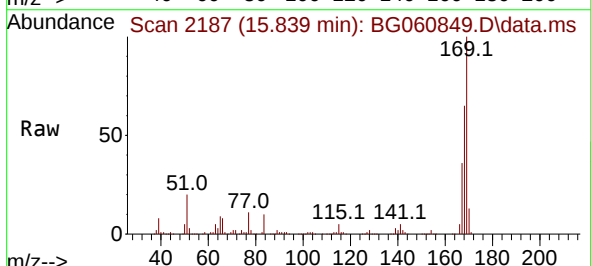
Manual Integrations
APPROVED

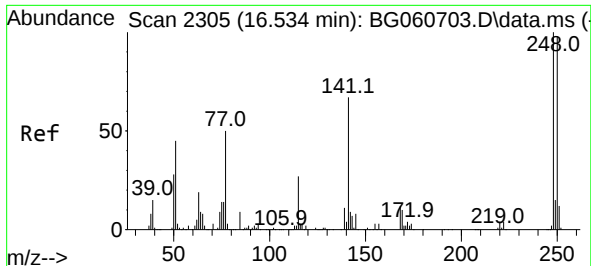
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#66
n-Nitrosodiphenylamine
Concen: 43.004 ng
RT: 15.839 min Scan# 2187
Delta R.T. -0.007 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Tgt Ion:169 Resp: 566084
Ion Ratio Lower Upper
169 100
168 65.2 54.5 81.7
167 35.9 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 48.750 ng
RT: 16.520 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

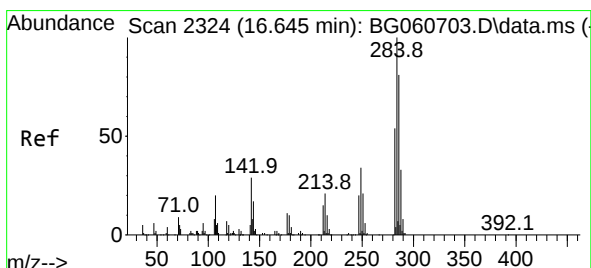
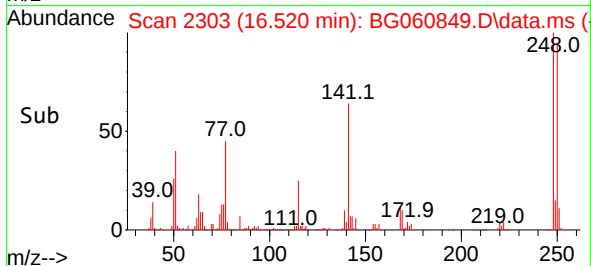
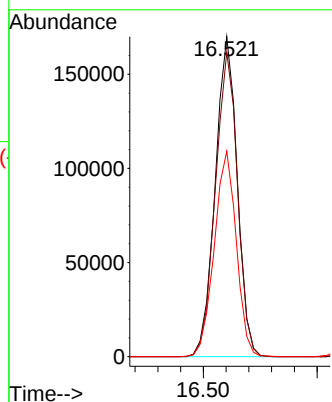
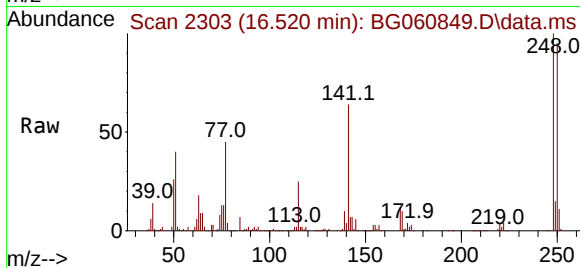
PB160028BS

Tgt Ion:248 Resp: 227902
Ion Ratio Lower Upper
248 100
250 95.2 78.3 117.5
141 64.2 53.7 80.5

Manual Integrations

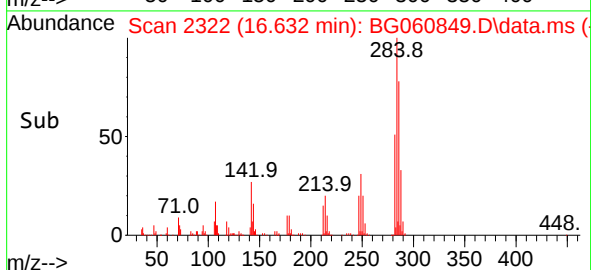
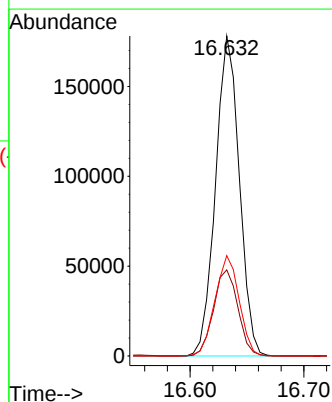
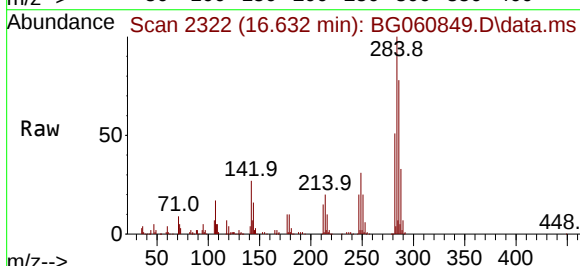
APPROVED

Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#68
Hexachlorobenzene
Concen: 49.036 ng
RT: 16.632 min Scan# 2322
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Tgt Ion:284 Resp: 258781
Ion Ratio Lower Upper
284 100
142 26.9 22.9 34.3
249 31.3 27.1 40.7





#69

Atrazine

Concen: 47.443 ng

RT: 16.791 min Scan# 21

Delta R.T. -0.013 min

Lab File: BG060849.D

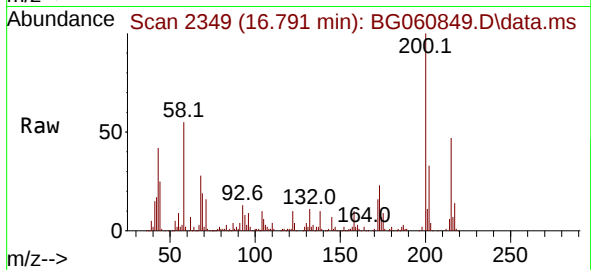
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS



Tgt Ion:200 Resp: 218390

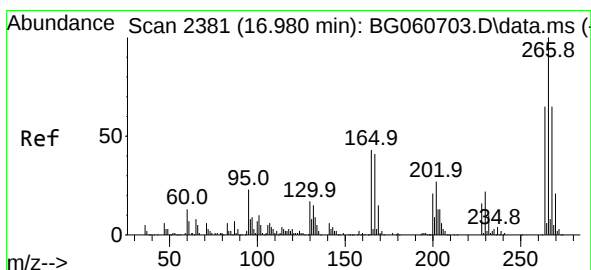
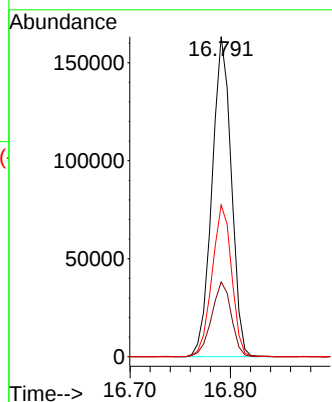
Ion	Ratio	Lower	Upper
200	100		
173	23.3	5.2	45.2
215	47.4	28.8	68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#70

Pentachlorophenol

Concen: 99.265 ng

RT: 16.979 min Scan# 2381

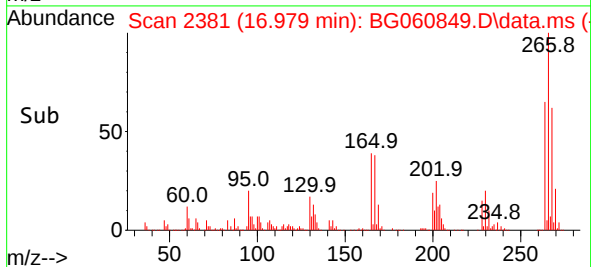
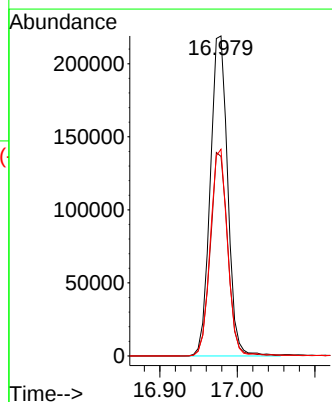
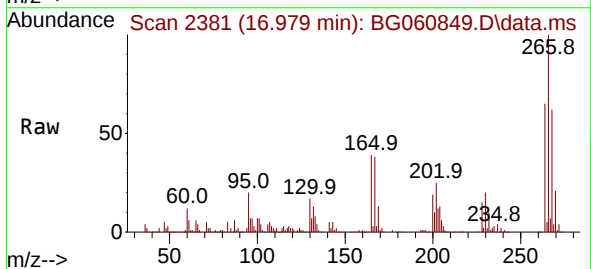
Delta R.T. -0.001 min

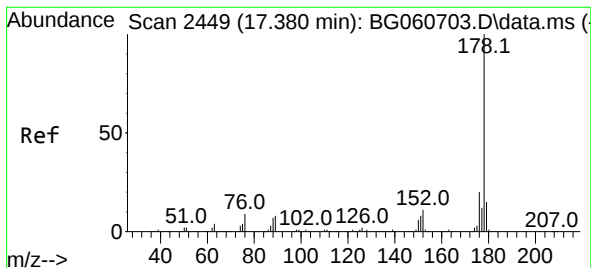
Lab File: BG060849.D

Acq: 10 Apr 2024 14:00

Tgt Ion:266 Resp: 341814

Ion	Ratio	Lower	Upper
266	100		
268	62.3	52.2	78.4
264	64.6	51.8	77.6





#71

Phenanthrene

Concen: 42.946 ng

RT: 17.372 min Scan# 2449

Delta R.T. -0.007 min

Lab File: BG060849.D

Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS

Tgt Ion:178 Resp: 102885

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

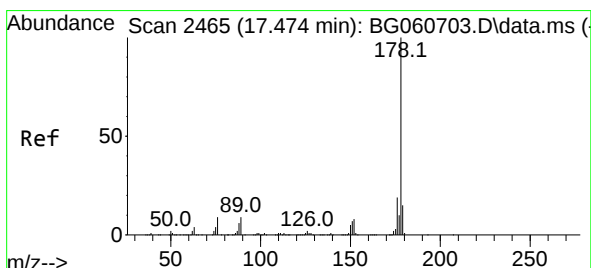
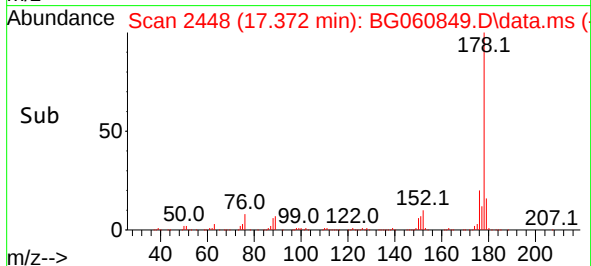
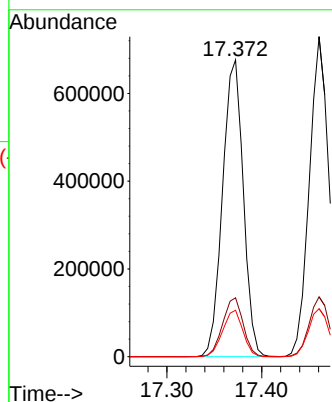
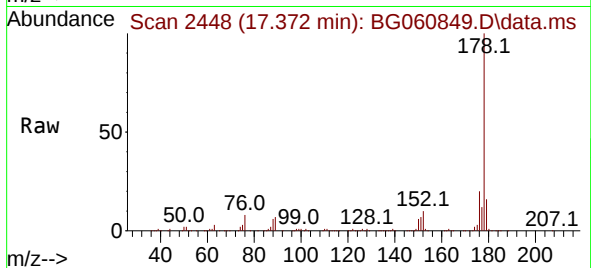
179 15.6 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#72

Anthracene

Concen: 42.853 ng

RT: 17.461 min Scan# 2463

Delta R.T. -0.013 min

Lab File: BG060849.D

Acq: 10 Apr 2024 14:00

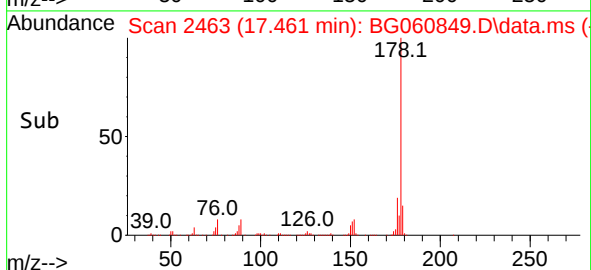
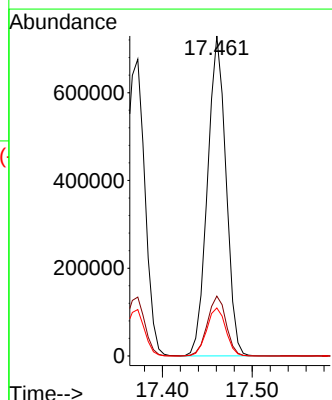
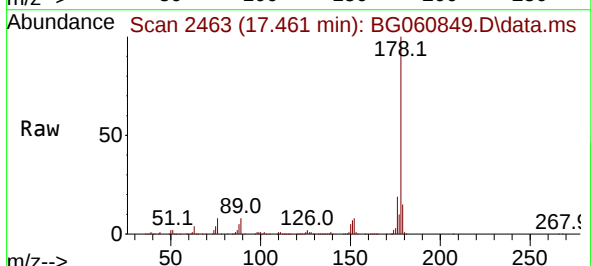
Tgt Ion:178 Resp: 1042601

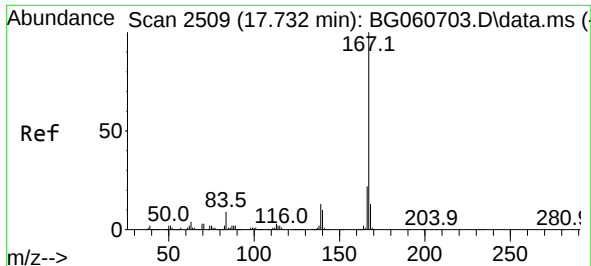
Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

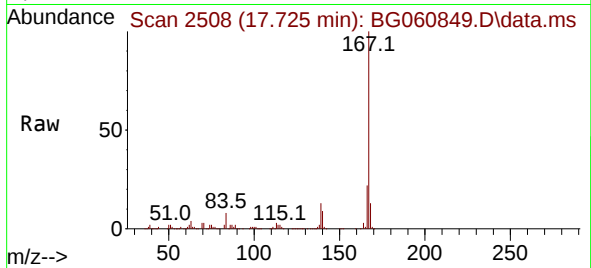
179 15.0 12.2 18.2





#73
Carbazole
Concen: 42.750 ng
RT: 17.725 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

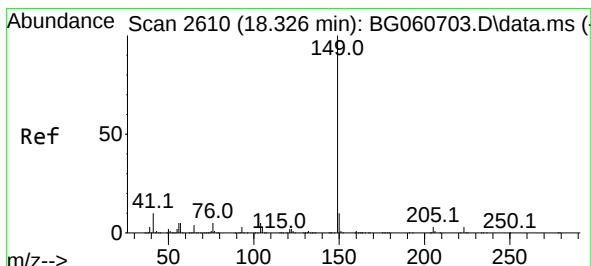
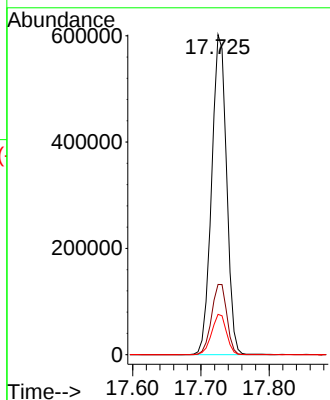
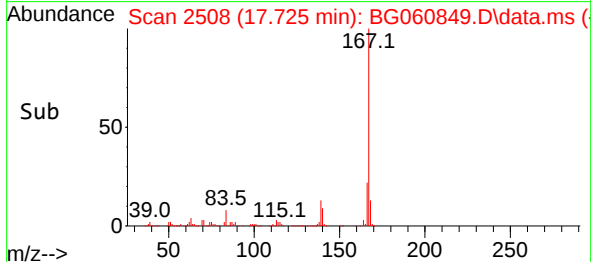
Instrument :
BNA_G
ClientSampleId :
PB160028BS



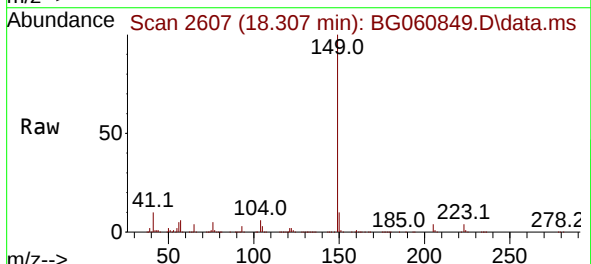
Tgt Ion:167 Resp: 91703
Ion Ratio Lower Upper
167 100
166 22.0 18.0 27.0
139 12.6 10.5 15.7

Manual Integrations
APPROVED

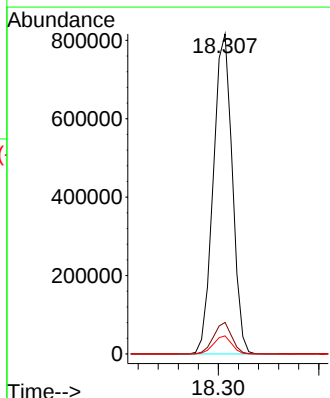
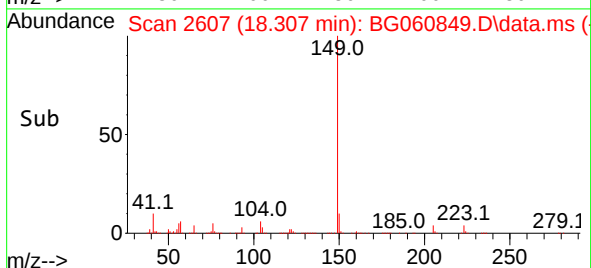
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

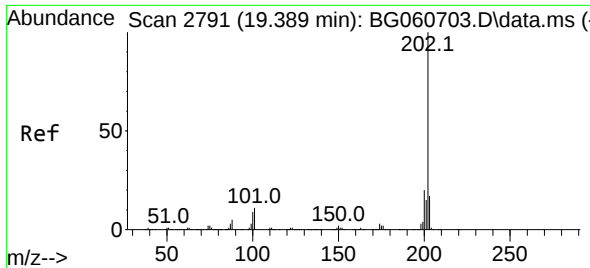


#74
Di-n-butylphthalate
Concen: 39.999 ng
RT: 18.307 min Scan# 2607
Delta R.T. -0.019 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00



Tgt Ion:149 Resp: 1069726
Ion Ratio Lower Upper
149 100
150 9.9 7.7 11.5
104 5.7 4.2 6.4





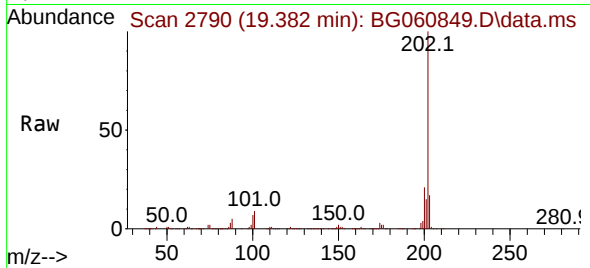
#75
Fluoranthene
Concen: 42.938 ng
RT: 19.382 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS



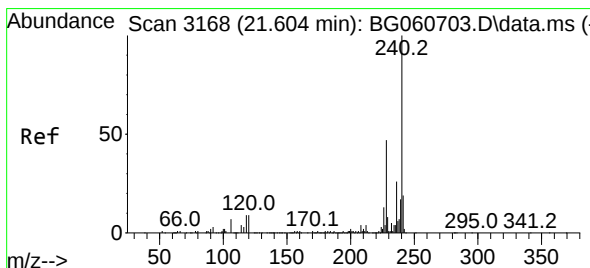
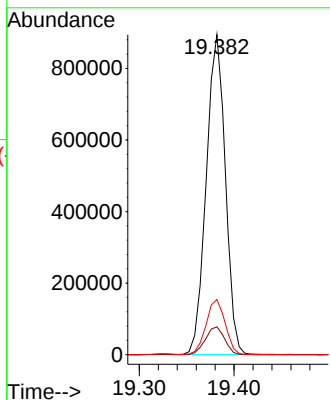
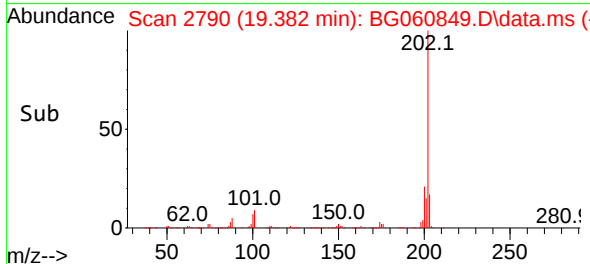
Tgt Ion:202 Resp: 124821
Ion Ratio Lower Upper
202 100
101 8.7 0.0 30.8
203 17.3 0.0 37.4

Manual Integrations

APPROVED

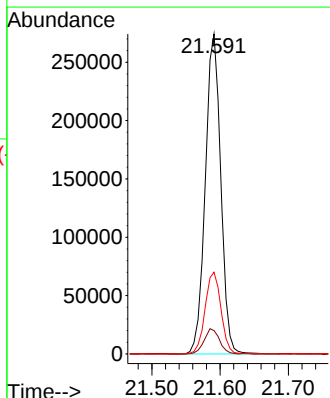
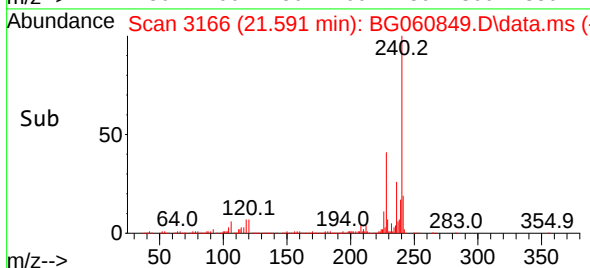
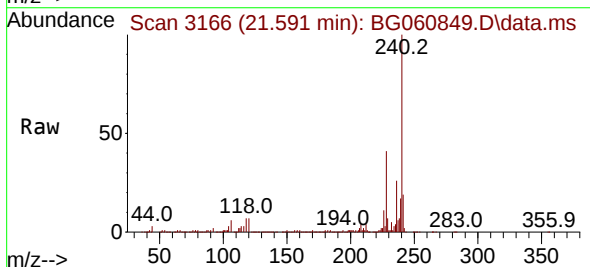
Reviewed By :Yogesh Patel 04/12/2024

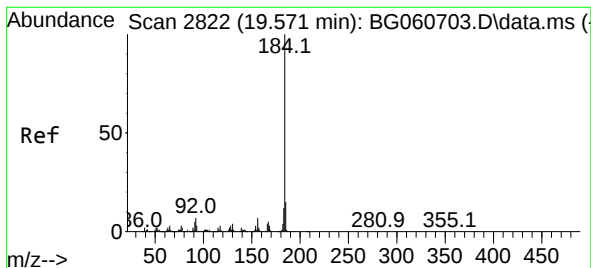
Supervised By :mohammad ahmed 04/12/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.591 min Scan# 3166
Delta R.T. -0.013 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Tgt Ion:240 Resp: 432488
Ion Ratio Lower Upper
240 100
120 7.3 7.1 10.7
236 25.6 20.7 31.1





#77

Benzidine

Concen: 27.449 ng

RT: 19.558 min Scan# 2820

Delta R.T. -0.013 min

Lab File: BG060849.D

Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS

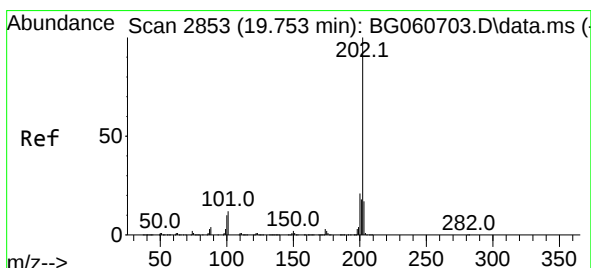
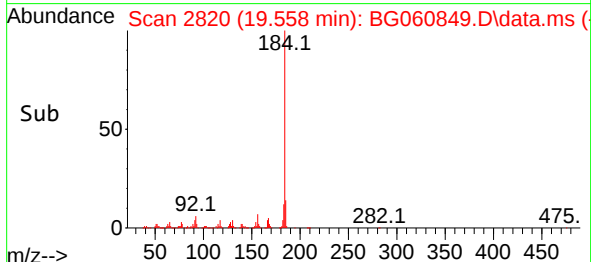
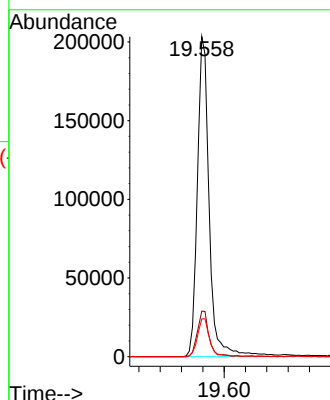
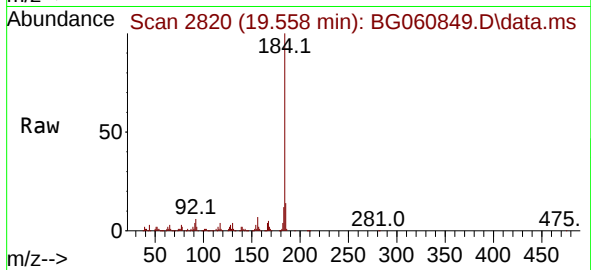
Tgt Ion:184 Resp: 312590
 Ion Ratio Lower Upper
 184 100
 185 14.3 11.8 17.6
 183 11.8 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#78

Pyrene

Concen: 42.653 ng

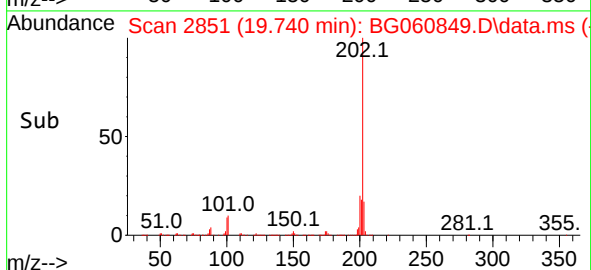
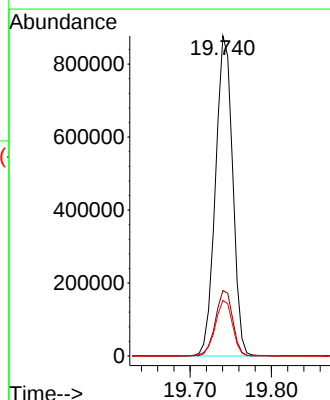
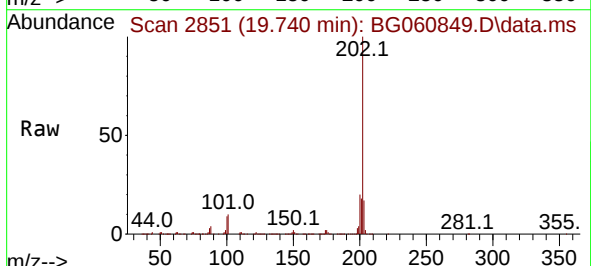
RT: 19.740 min Scan# 2851

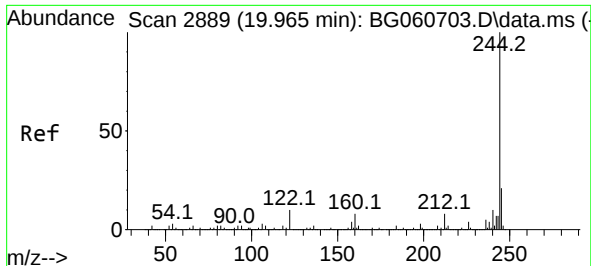
Delta R.T. -0.013 min

Lab File: BG060849.D

Acq: 10 Apr 2024 14:00

Tgt Ion:202 Resp: 1290140
 Ion Ratio Lower Upper
 202 100
 200 20.5 17.0 25.4
 203 17.3 14.0 21.0





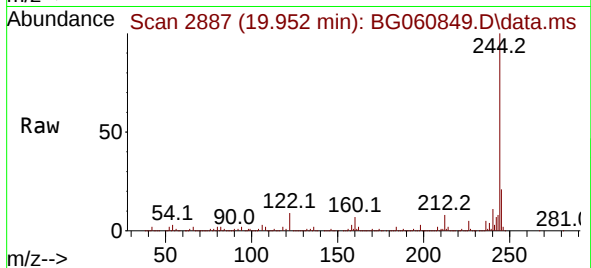
#79
 Terphenyl-d14
 Concen: 82.055 ng
 RT: 19.952 min Scan# 2887
 Delta R.T. -0.013 min
 Lab File: BG060849.D
 Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS



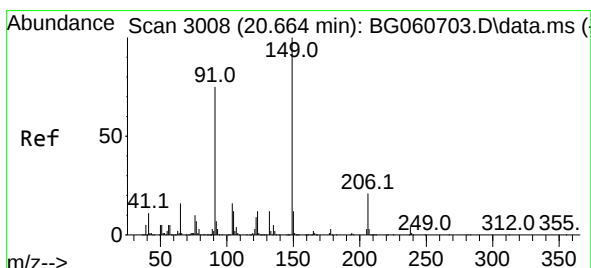
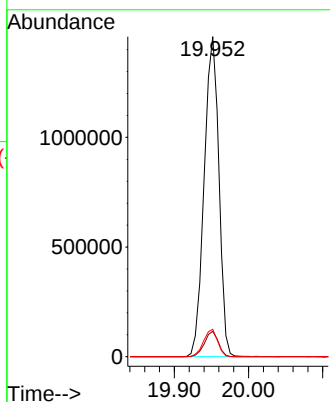
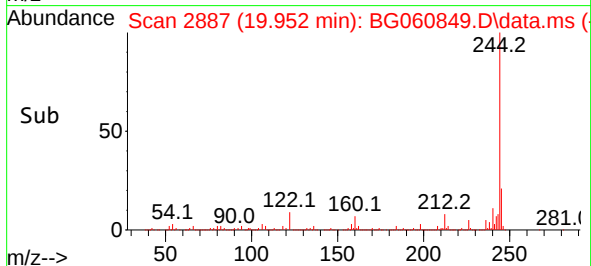
Tgt Ion:244 Resp: 201539
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 8.6 7.8 11.8

Manual Integrations

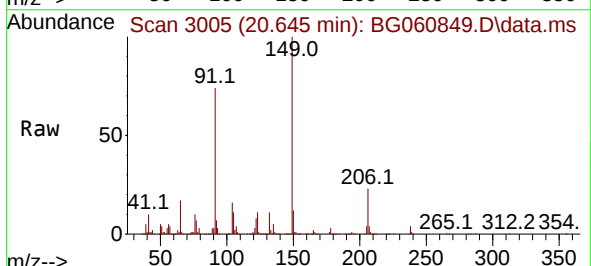
APPROVED

Reviewed By :Yogesh Patel 04/12/2024

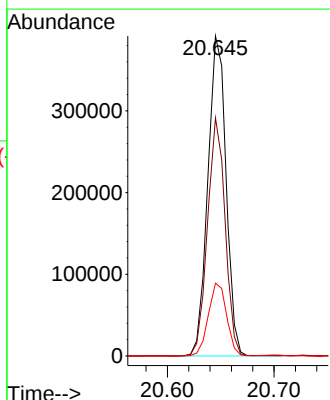
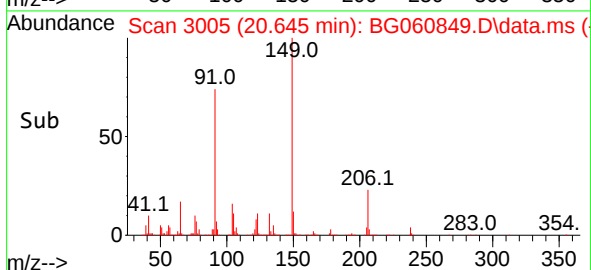
Supervised By :mohammad ahmed 04/12/2024

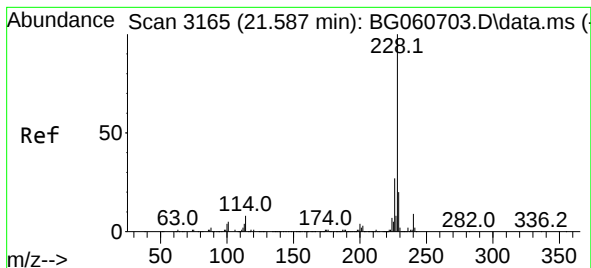


#80
 Butylbenzylphthalate
 Concen: 42.158 ng
 RT: 20.645 min Scan# 3005
 Delta R.T. -0.019 min
 Lab File: BG060849.D
 Acq: 10 Apr 2024 14:00



Tgt Ion:149 Resp: 465163
 Ion Ratio Lower Upper
 149 100
 91 74.4 60.1 90.1
 206 22.7 16.8 25.2





#81

Benzo(a)anthracene

Concen: 43.845 ng

RT: 21.568 min Scan# 3162

Delta R.T. -0.019 min

Lab File: BG060849.D

Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS

Tgt Ion:228 Resp: 133666

Ion Ratio Lower Upper

228 100

226 27.7 21.7 32.5

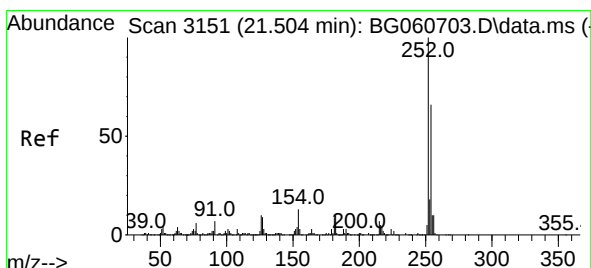
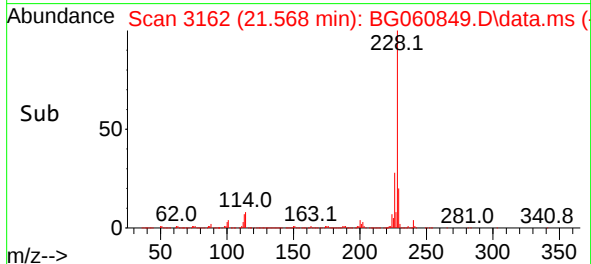
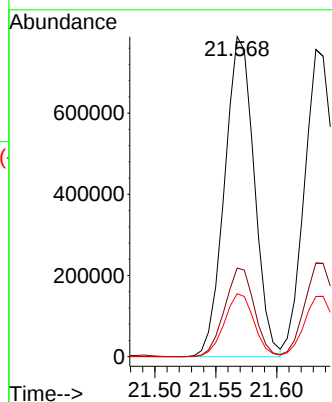
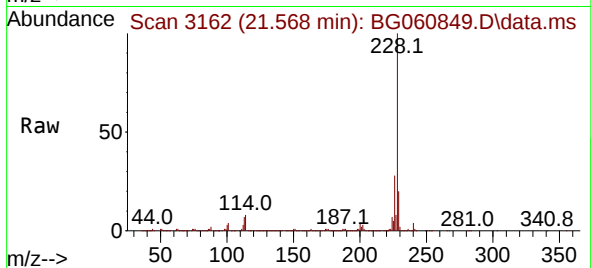
229 19.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#82

3,3'-Dichlorobenzidine

Concen: 30.188 ng

RT: 21.485 min Scan# 3148

Delta R.T. -0.019 min

Lab File: BG060849.D

Acq: 10 Apr 2024 14:00

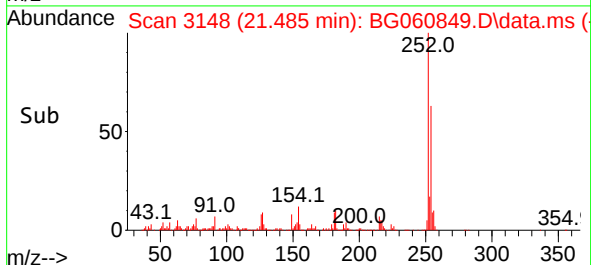
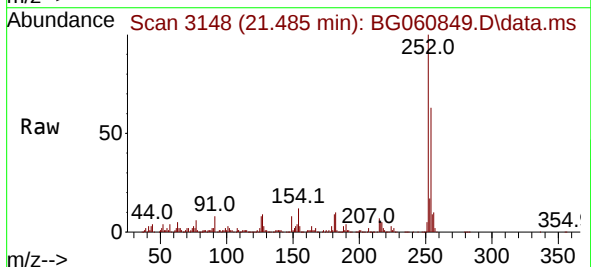
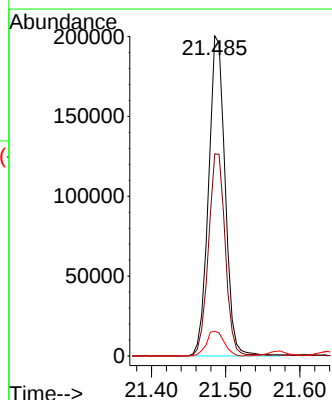
Tgt Ion:252 Resp: 310743

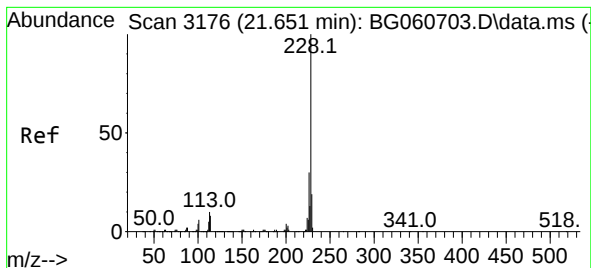
Ion Ratio Lower Upper

252 100

254 63.1 52.6 78.8

126 7.7 7.8 11.8#





#83

Chrysene

Concen: 43.067 ng

RT: 21.632 min Scan# 3173

Delta R.T. -0.019 min

Lab File: BG060849.D

Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS

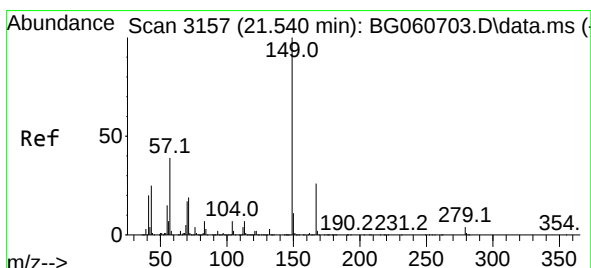
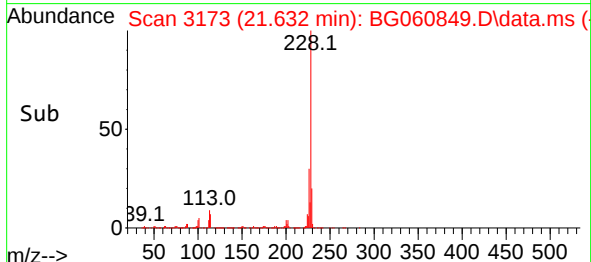
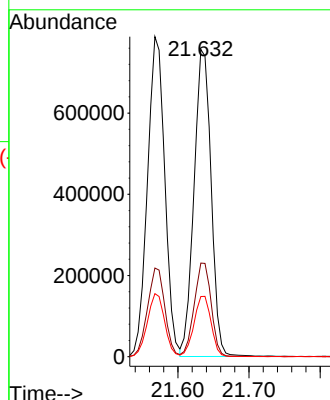
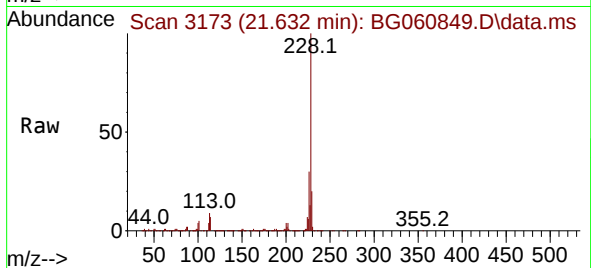
Tgt Ion:228 Resp: 1265479
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.2 36.4
 229 19.6 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.878 ng

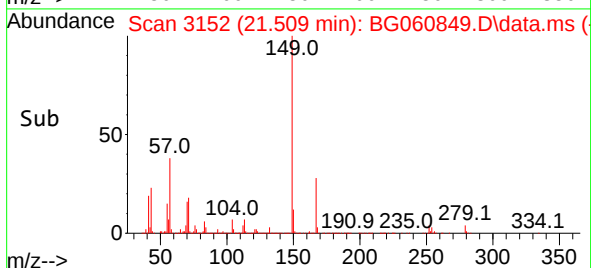
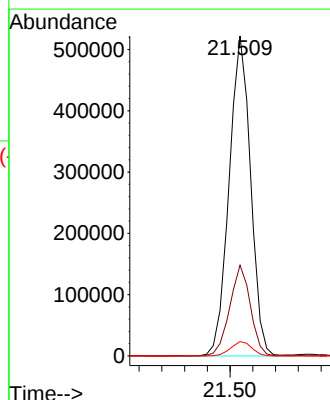
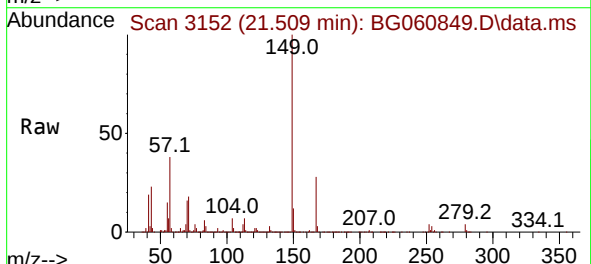
RT: 21.509 min Scan# 3152

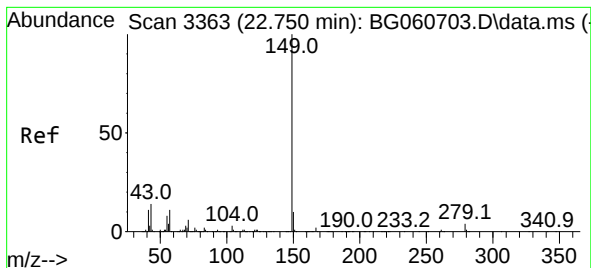
Delta R.T. -0.031 min

Lab File: BG060849.D

Acq: 10 Apr 2024 14:00

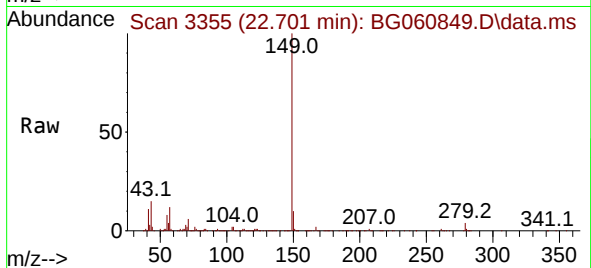
Tgt Ion:149 Resp: 683731
 Ion Ratio Lower Upper
 149 100
 167 28.3 20.6 30.8
 279 4.5 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 41.105 ng
RT: 22.701 min Scan# 31
Delta R.T. -0.049 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

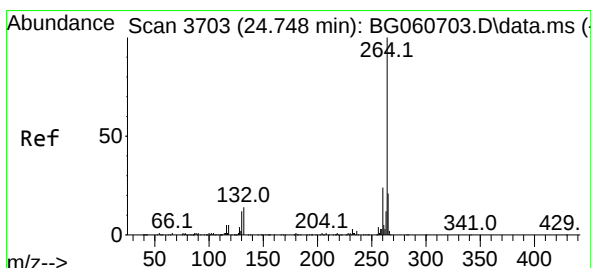
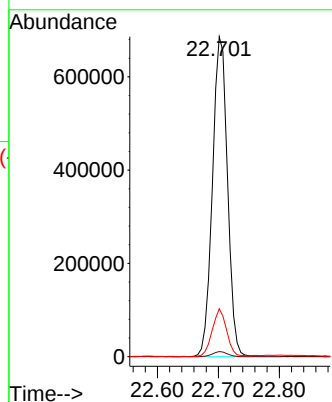
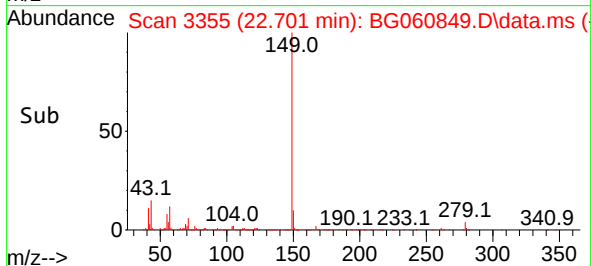
Instrument :
BNA_G
ClientSampleId :
PB160028BS



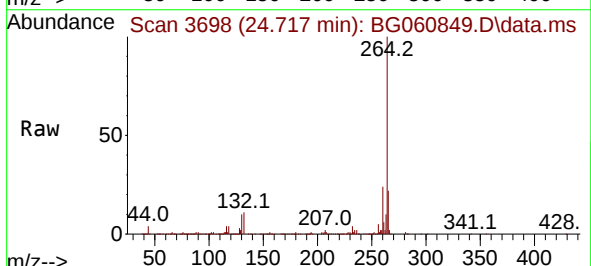
Tgt Ion:149 Resp: 1177669
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 14.4 11.3 16.9

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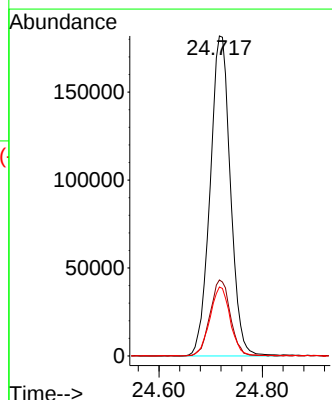
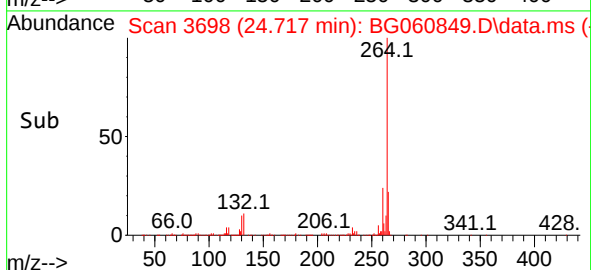
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

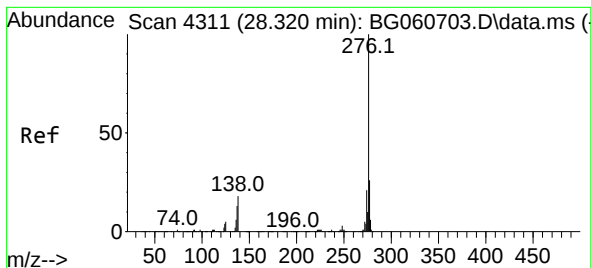


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.717 min Scan# 3698
Delta R.T. -0.031 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00



Tgt Ion:264 Resp: 495602
Ion Ratio Lower Upper
264 100
260 23.7 19.5 29.3
265 21.6 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.517 ng

RT: 28.283 min Scan# 4311

Delta R.T. -0.037 min

Lab File: BG060849.D

Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS

Tgt Ion:276 Resp: 162346

Ion Ratio Lower Upper

276 100

138 13.0 12.4 18.6

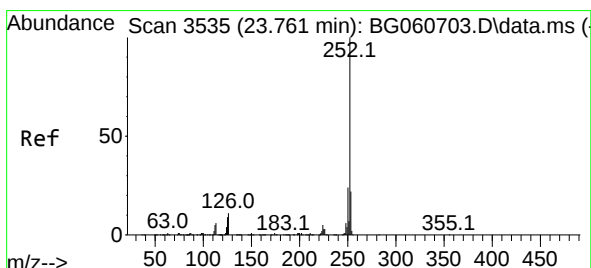
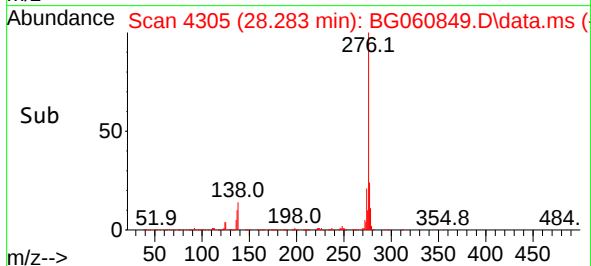
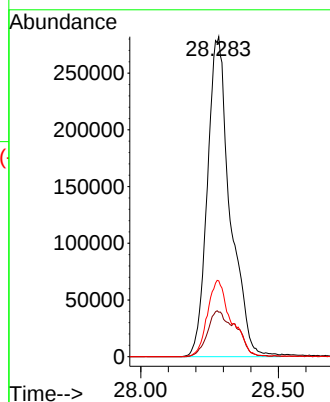
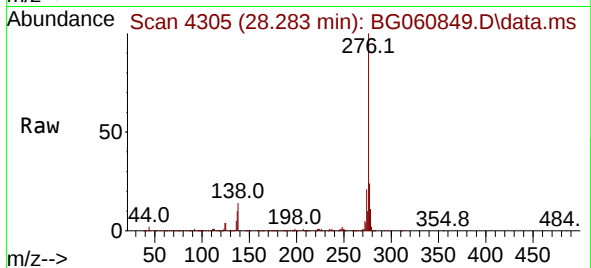
277 25.1 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#88

Benzo(b)fluoranthene

Concen: 45.516 ng m

RT: 23.736 min Scan# 3531

Delta R.T. -0.025 min

Lab File: BG060849.D

Acq: 10 Apr 2024 14:00

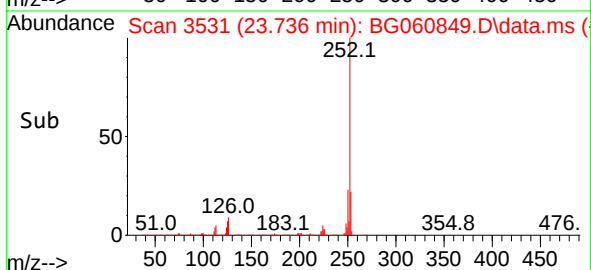
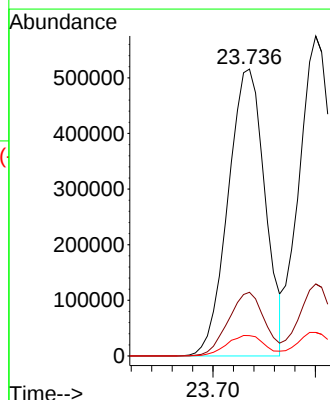
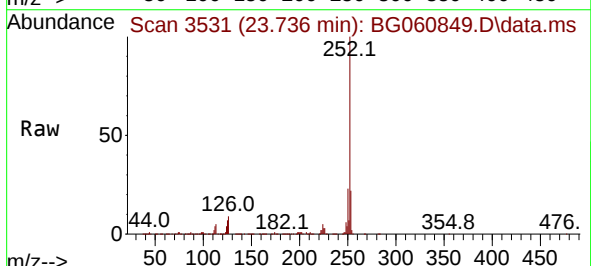
Tgt Ion:252 Resp: 1295947

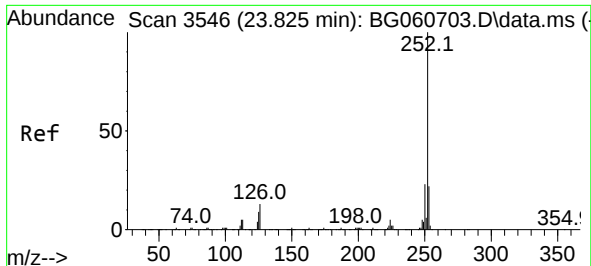
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 7.1 7.1 10.7#





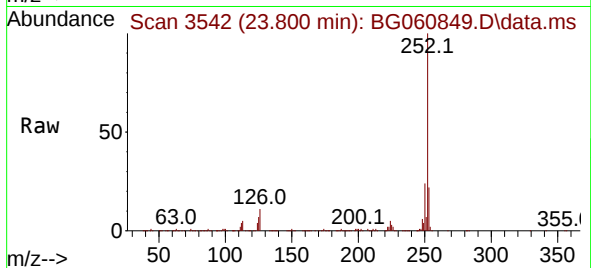
#89
Benzo(k)fluoranthene
Concen: 45.150 ng
RT: 23.800 min Scan# 3546
Delta R.T. -0.025 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS



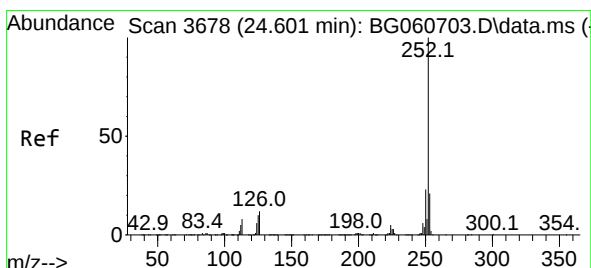
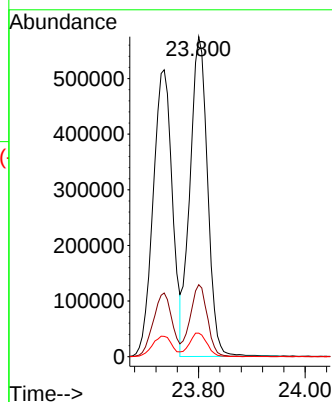
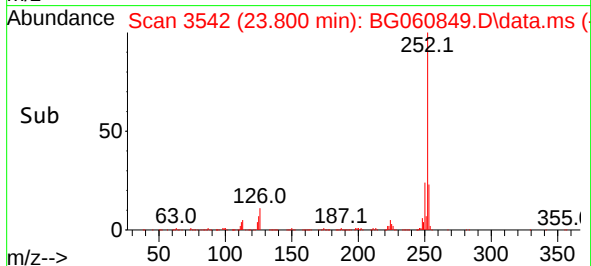
Tgt Ion:252 Resp: 1315794
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 7.3 7.5 11.3

Manual Integrations

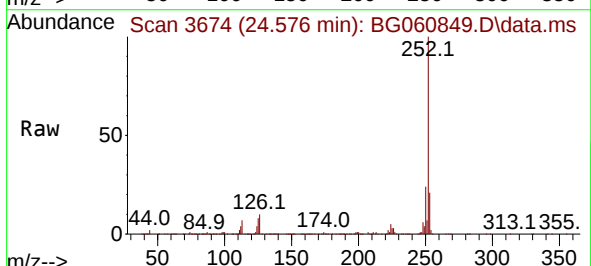
APPROVED

Reviewed By :Yogesh Patel 04/12/2024

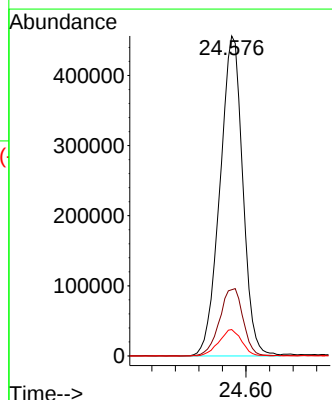
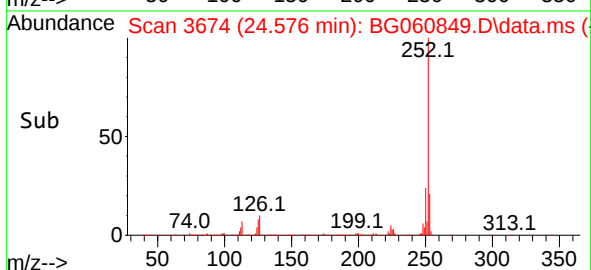
Supervised By :mohammad ahmed 04/12/2024

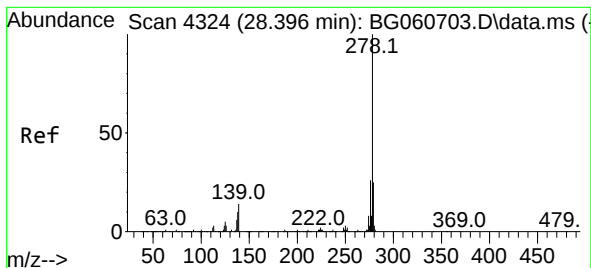


#90
Benzo(a)pyrene
Concen: 44.389 ng
RT: 24.576 min Scan# 3674
Delta R.T. -0.025 min
Lab File: BG060849.D
Acq: 10 Apr 2024 14:00



Tgt Ion:252 Resp: 1228228
Ion Ratio Lower Upper
252 100
253 20.7 16.8 25.2
125 8.3 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 45.041 ng

RT: 28.348 min Scan# 41

Delta R.T. -0.048 min

Lab File: BG060849.D

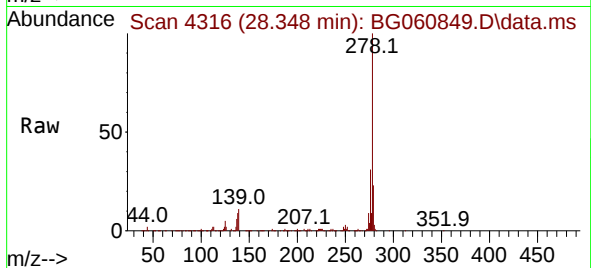
Acq: 10 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

PB160028BS



Tgt Ion:278 Resp: 132510

Ion Ratio Lower Upper

278 100

139 11.4 11.1 16.7

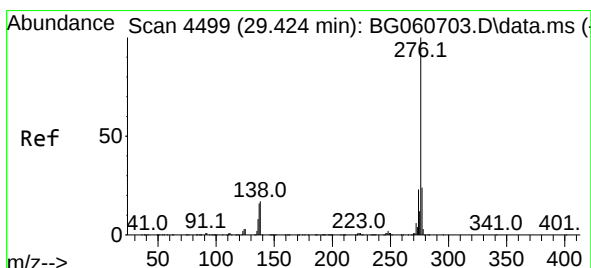
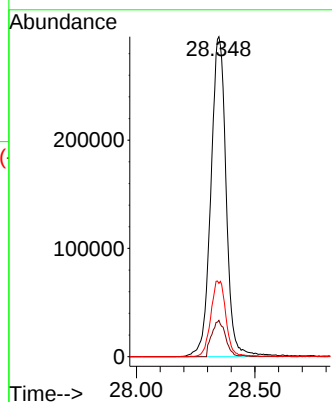
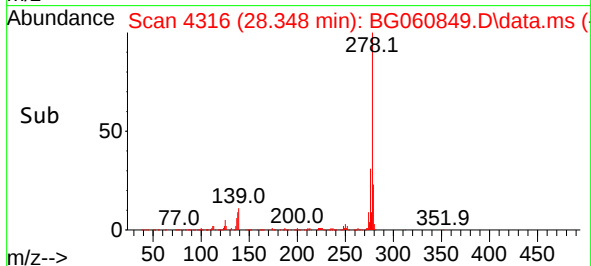
279 22.9 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#92

Benzo(g,h,i)perylene

Concen: 43.169 ng

RT: 29.382 min Scan# 4492

Delta R.T. -0.043 min

Lab File: BG060849.D

Acq: 10 Apr 2024 14:00

Tgt Ion:276 Resp: 1235460

Ion Ratio Lower Upper

276 100

277 23.1 18.9 28.3

138 15.1 14.0 21.0

