

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040924\
 Data File : BG060839.D
 Acq On : 9 Apr 2024 10:51
 Operator : MA/JU
 Sample : PB160074BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160074BS

Manual Integrations
 APPROVED

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

Quant Time: Apr 09 23:38:53 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	7.950	152	47330	20.000	ng	-0.01
21) Naphthalene-d8	10.746	136	199433	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	160636	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	426073	20.000	ng	-0.01
76) Chrysene-d12	21.587	240	421257	20.000	ng	-0.02
86) Perylene-d12	24.718	264	495123	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	391730	137.878	ng	0.00
7) Phenol-d6	7.115	99	551358	130.737	ng	0.00
23) Nitrobenzene-d5	9.101	82	347528	99.434	ng	-0.01
42) 2,4,6-Tribromophenol	16.070	330	329233	180.552	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	898074	82.051	ng	-0.02
79) Terphenyl-d14	19.953	244	1992457	83.284	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.455	88	42918	36.845	ng	92
3) Pyridine	3.837	79	116237	33.082	ng	93
4) n-Nitrosodimethylamine	3.755	42	97161	46.262	ng	96
6) Aniline	7.274	93	130161	24.440	ng	99
8) 2-Chlorophenol	7.515	128	153107	47.534	ng	95
9) Benzaldehyde	7.080	77	29395m	12.640	ng	
10) Phenol	7.139	94	204369	47.483	ng	95
11) bis(2-Chloroethyl)ether	7.368	93	139870	40.251	ng	98
12) 1,3-Dichlorobenzene	7.838	146	152589	45.555	ng	98
13) 1,4-Dichlorobenzene	7.985	146	156000	45.650	ng	94
14) 1,2-Dichlorobenzene	8.302	146	148736	44.413	ng	98
15) Benzyl Alcohol	8.185	79	148864	43.577	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.467	45	326653	41.653	ng	99
17) 2-Methylphenol	8.390	107	136046	41.871	ng	98
18) Hexachloroethane	9.031	117	54623	45.006	ng	# 83
19) n-Nitroso-di-n-propyla...	8.755	70	123351	38.354	ng	# 95
20) 3+4-Methylphenols	8.714	107	189476	42.585	ng	96
22) Acetophenone	8.766	105	236667	43.037	ng	# 96
24) Nitrobenzene	9.142	77	175141	45.191	ng	96
25) Isophorone	9.665	82	326609	40.572	ng	99
26) 2-Nitrophenol	9.853	139	74146	53.224	ng	92
27) 2,4-Dimethylphenol	9.918	122	115746	35.794	ng	96
28) bis(2-Chloroethoxy)met...	10.153	93	191188	40.228	ng	98
29) 2,4-Dichlorophenol	10.388	162	155030	52.208	ng	97
30) 1,2,4-Trichlorobenzene	10.611	180	160392	47.701	ng	96
31) Naphthalene	10.793	128	459188	42.564	ng	99
32) Benzoic acid	10.047	122	110176	50.752	ng	97
33) 4-Chloroaniline	10.899	127	82952	16.555	ng	99
34) Hexachlorobutadiene	11.087	225	108844	48.571	ng	97
35) Caprolactam	11.663	113	58290m	49.562	ng	
36) 4-Chloro-3-methylphenol	12.027	107	182081	47.999	ng	98
37) 2-Methylnaphthalene	12.403	142	328882	41.466	ng	100
38) 1-Methylnaphthalene	12.621	142	311770	41.610	ng	97
40) 1,2,4,5-Tetrachloroben...	12.774	216	212399	45.993	ng	99
41) Hexachlorocyclopentadiene	12.756	237	235078	100.110	ng	99
43) 2,4,6-Trichlorophenol	13.009	196	155524	52.301	ng	96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

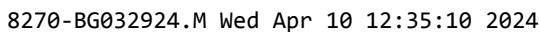
Response via : Initial Calibration

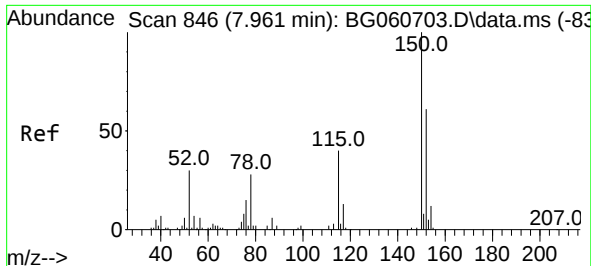
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	175177	49.363	ng	96
46) 1,1'-Biphenyl	13.414	154	484586	42.709	ng	99
47) 2-Chloronaphthalene	13.455	162	382077	44.321	ng	99
48) 2-Nitroaniline	13.649	65	149335	52.566	ng	96
49) Acenaphthylene	14.301	152	663023	45.774	ng	99
50) Dimethylphthalate	14.037	163	560821	44.170	ng	99
51) 2,6-Dinitrotoluene	14.148	165	116159	50.872	ng	95
52) Acenaphthene	14.642	154	456408m	50.185	ng	
53) 3-Nitroaniline	14.477	138	78745	32.551	ng	# 97
54) 2,4-Dinitrophenol	14.683	184	150308	170.075	ng	92
55) Dibenzofuran	14.977	168	619706	43.200	ng	98
56) 4-Nitrophenol	14.789	139	226507	122.032	ng	96
57) 2,4-Dinitrotoluene	14.936	165	174909	57.845	ng	94
58) Fluorene	15.629	166	518542	45.040	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.200	232	173625	56.141	ng	95
60) Diethylphthalate	15.412	149	565290	44.253	ng	98
61) 4-Chlorophenyl-phenyle...	15.623	204	273238	44.860	ng	96
62) 4-Nitroaniline	15.641	138	131237	56.534	ng	95
63) Azobenzene	15.917	77	531150	42.671	ng	94
65) 4,6-Dinitro-2-methylph...	15.700	198	104775	57.889	ng	98
66) n-Nitrosodiphenylamine	15.841	169	501626	41.199	ng	97
67) 4-Bromophenyl-phenylether	16.522	248	196723	45.495	ng	96
68) Hexachlorobenzene	16.634	284	228883	46.889	ng	97
69) Atrazine	16.792	200	207102	48.641	ng	98
70) Pentachlorophenol	16.974	266	327859	102.936	ng	98
71) Phenanthrene	17.368	178	962091	43.417	ng	99
72) Anthracene	17.462	178	986356	43.830	ng	99
73) Carbazole	17.727	167	899937	45.356	ng	99
74) Di-n-butylphthalate	18.302	149	1051161	42.494	ng	99
75) Fluoranthene	19.383	202	1226182	45.602	ng	97
77) Benzidine	19.560	184	334211	30.129	ng	98
78) Pyrene	19.742	202	1279535	43.430	ng	99
80) Butylbenzylphthalate	20.647	149	470651	43.793	ng	97
81) Benzo(a)anthracene	21.569	228	1341299	45.170	ng	100
82) 3,3'-Dichlorobenzidine	21.487	252	324757	32.390	ng	98
83) Chrysene	21.634	228	1275222	44.556	ng	98
84) Bis(2-ethylhexyl)phtha...	21.510	149	700897	40.917	ng	97
85) Di-n-octyl phthalate	22.703	149	1203859	43.140	ng	100
87) Indeno(1,2,3-cd)pyrene	28.279	276	1640846	47.061	ng	# 96
88) Benzo(b)fluoranthene	23.731	252	1315199	46.237	ng	98
89) Benzo(k)fluoranthene	23.802	252	1321708	45.397	ng	98
90) Benzo(a)pyrene	24.577	252	1239871	44.853	ng	97
91) Dibenzo(a,h)anthracene	28.349	278	1339594	45.577	ng	# 96
92) Benzo(g,h,i)perylene	29.389	276	1255190	43.901	ng	96

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

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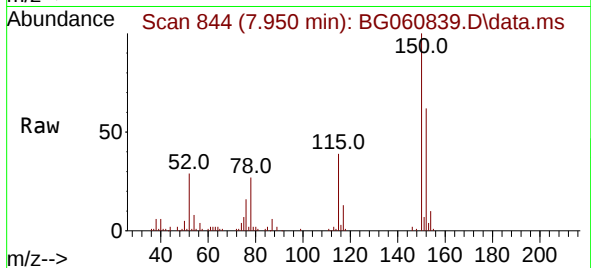
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.950 min Scan# 84
Delta R.T. -0.011 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

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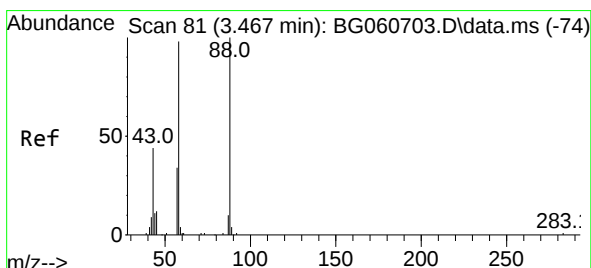
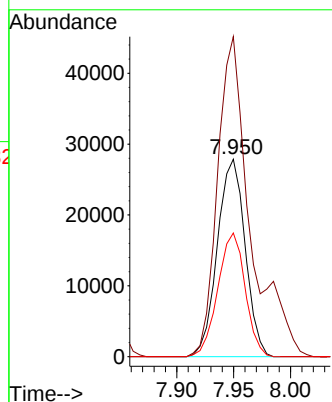
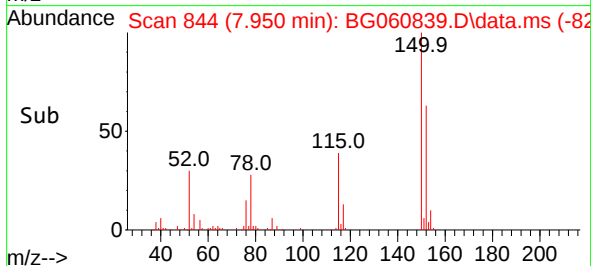
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Ion Ratio Lower Upper
152 100
150 162.1 130.2 195.4
115 62.7 51.6 77.4

Manual Integrations

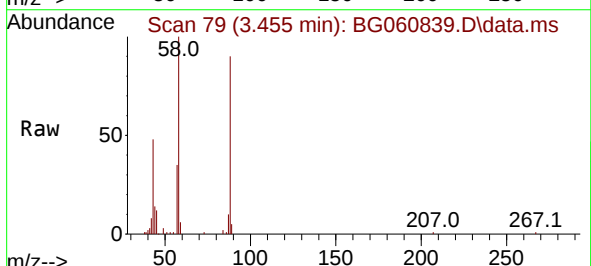
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Reviewed By :Yogesh Patel 04/10/2024

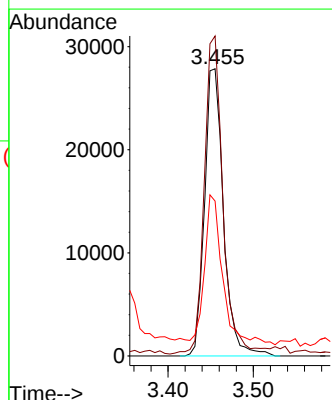
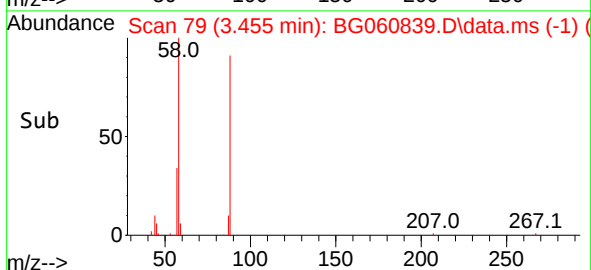
Supervised By :mohammad ahmed 04/10/2024

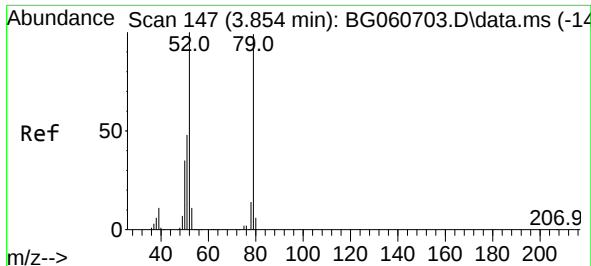


#2
1,4-Dioxane
Concen: 36.845 ng
RT: 3.455 min Scan# 79
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51



Tgt Ion: 88 Resp: 42918
Ion Ratio Lower Upper
88 100
58 108.2 80.9 121.3
43 49.9 35.4 53.0





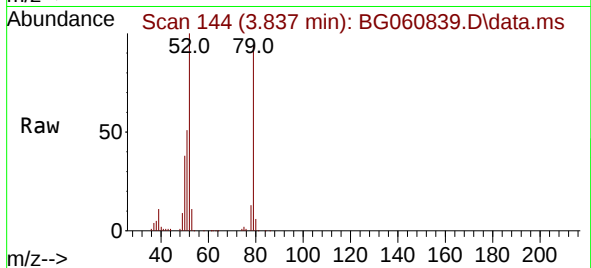
#3
Pyridine
Concen: 33.082 ng
RT: 3.837 min Scan# 147
Delta R.T. -0.018 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

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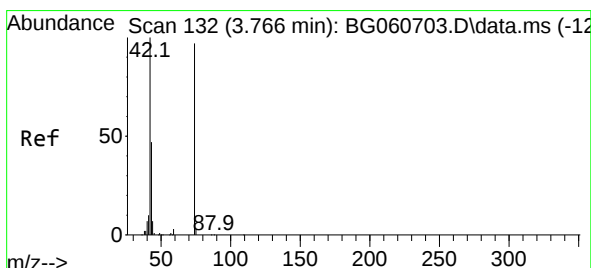
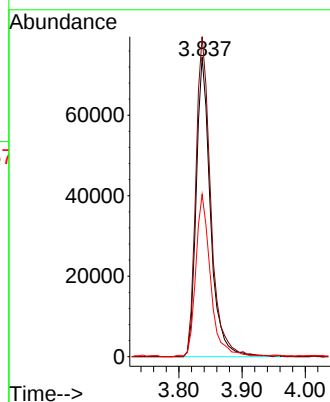
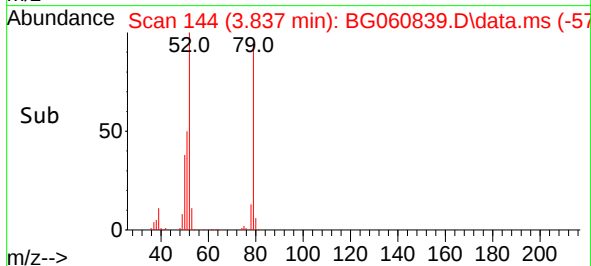
Tgt Ion: 79 Resp: 11623
Ion Ratio Lower Upper
79 100
52 106.8 80.6 120.8
51 54.1 39.1 58.7

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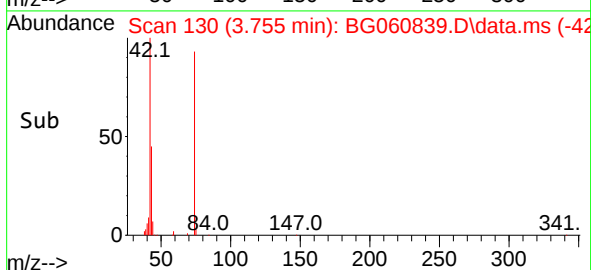
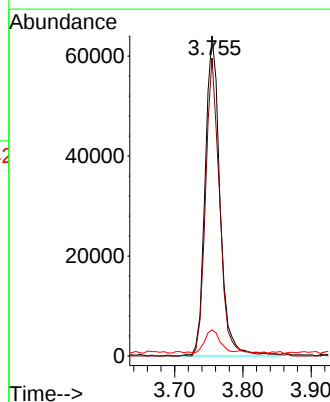
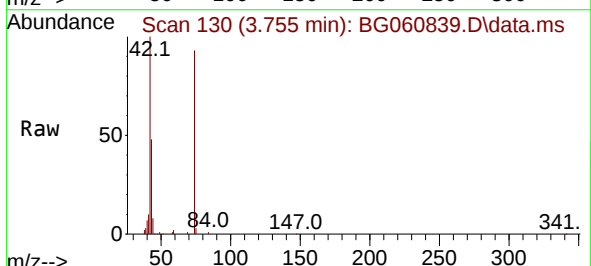
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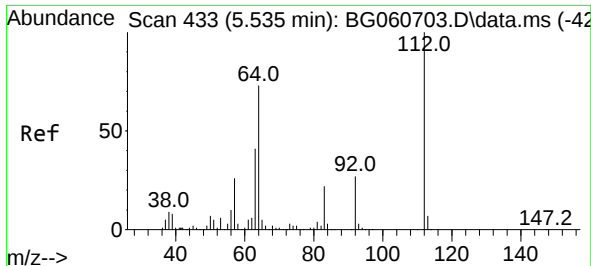
Supervised By :mohammad ahmed 04/10/2024



#4
n-Nitrosodimethylamine
Concen: 46.262 ng
RT: 3.755 min Scan# 130
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion: 42 Resp: 97161
Ion Ratio Lower Upper
42 100
74 93.1 77.8 116.8
44 8.2 6.8 10.2





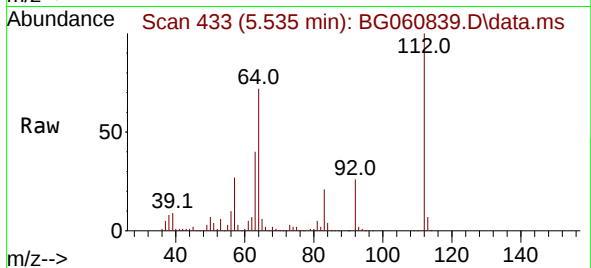
#5
2-Fluorophenol
Concen: 137.878 ng
RT: 5.535 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

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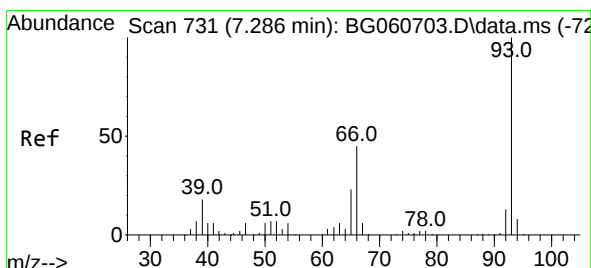
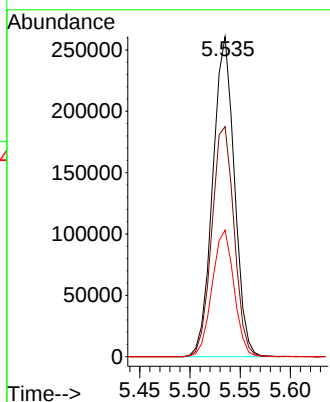
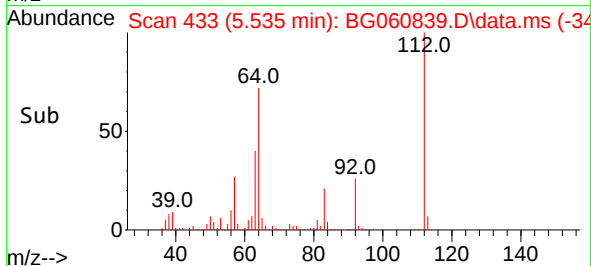


Tgt Ion:112 Resp: 391730
Ion Ratio Lower Upper
112 100
64 71.9 58.4 87.6
63 39.5 32.7 49.1

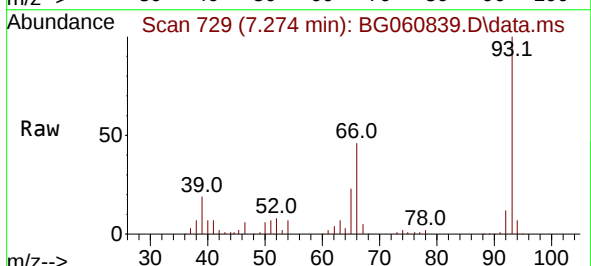
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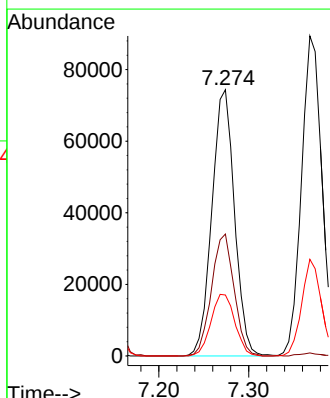
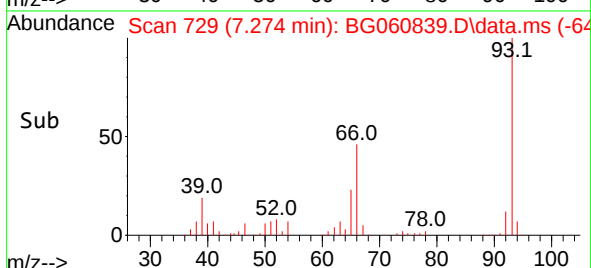
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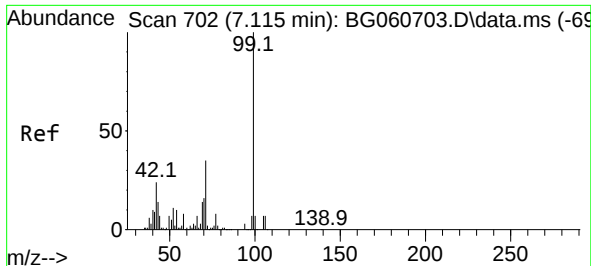


#6
Aniline
Concen: 24.440 ng
RT: 7.274 min Scan# 729
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51



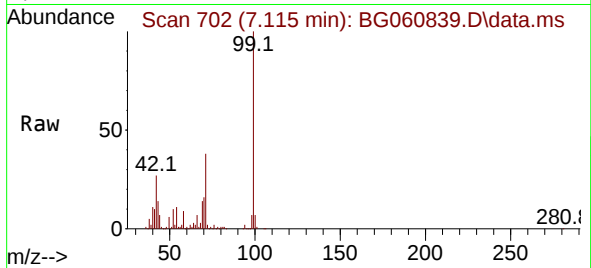
Tgt Ion: 93 Resp: 130161
Ion Ratio Lower Upper
93 100
66 45.8 36.1 54.1
65 22.9 18.1 27.1





#7
Phenol-d6
Concen: 130.737 ng
RT: 7.115 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

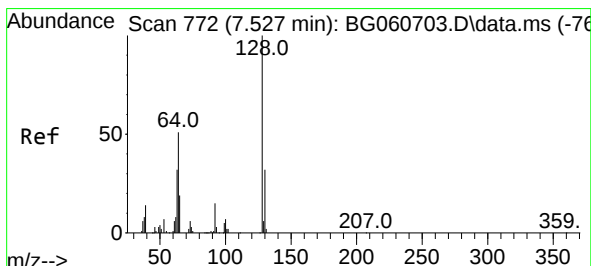
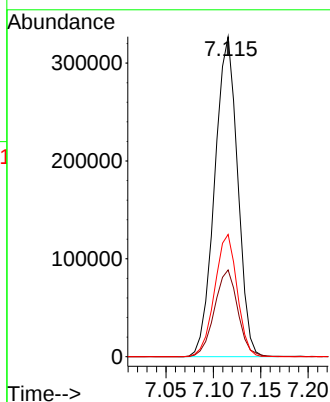
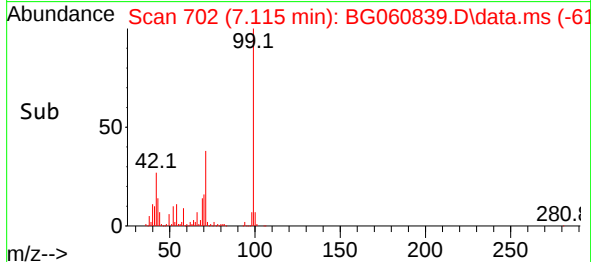
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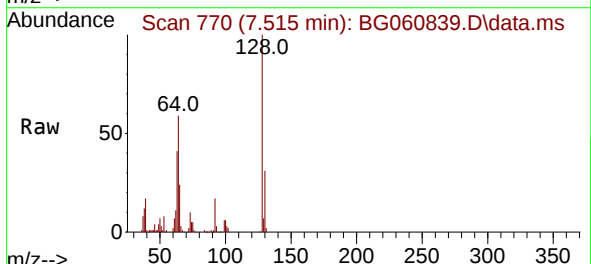
Tgt Ion: 99 Resp: 551358
Ion Ratio Lower Upper
99 100
42 27.1 19.4 29.2
71 38.2 28.2 42.2

Manual Integrations
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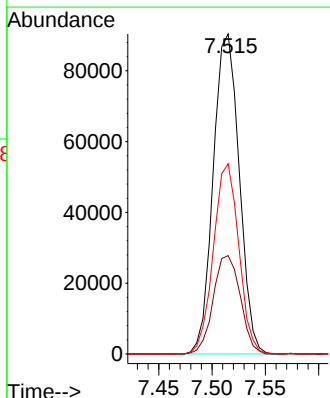
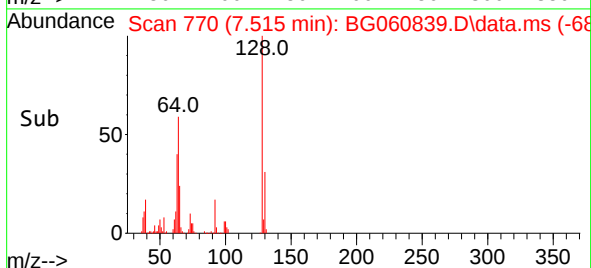
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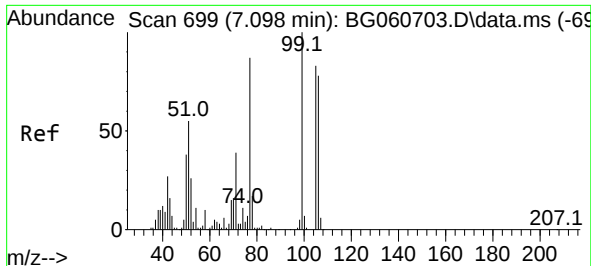


#8
2-Chlorophenol
Concen: 47.534 ng
RT: 7.515 min Scan# 770
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51



Tgt Ion:128 Resp: 153107
Ion Ratio Lower Upper
128 100
130 30.7 12.3 52.3
64 59.4 35.0 75.0





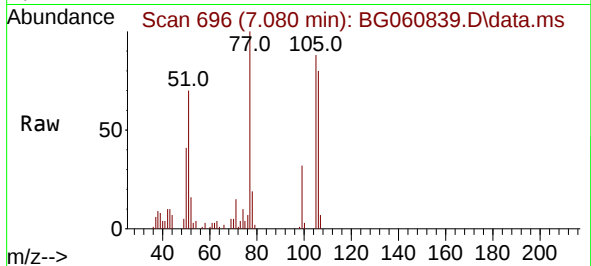
#9
Benzaldehyde
Concen: 12.640 ng m
RT: 7.080 min Scan# 699
Delta R.T. -0.018 min
Lab File: BG060839.D
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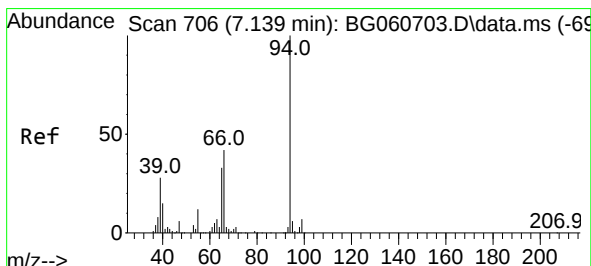
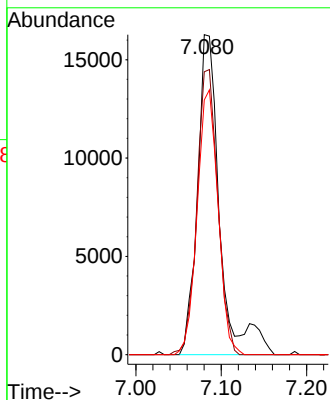
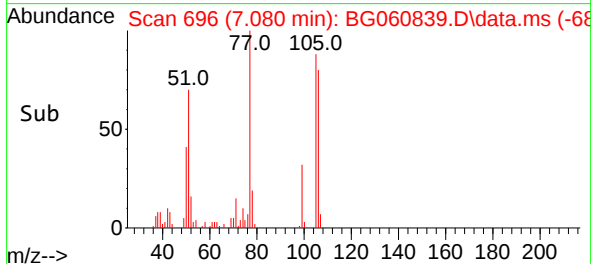
PB160074BS



Tgt Ion: 77 Resp: 2939
Ion Ratio Lower Upper
77 100
105 88.4 76.0 116.0
106 79.6 70.3 110.3

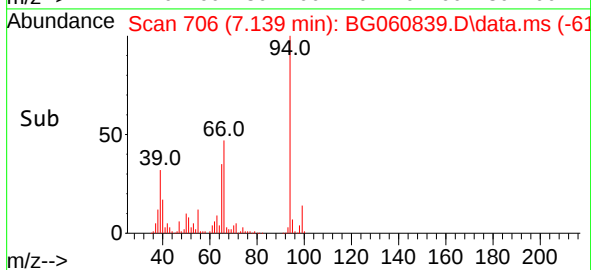
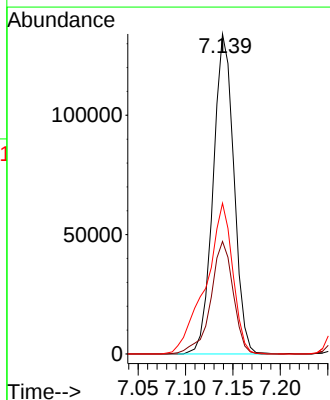
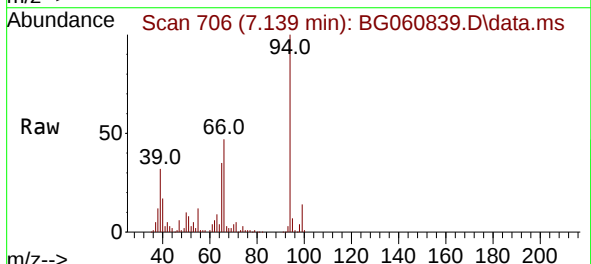
Manual Integrations
APPROVED

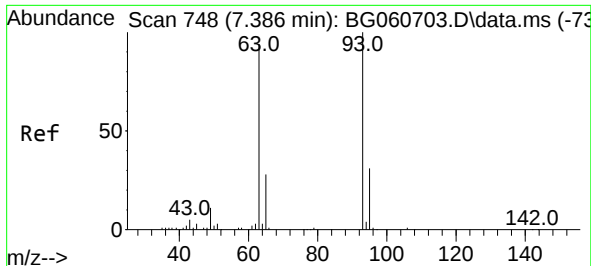
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#10
Phenol
Concen: 47.483 ng
RT: 7.139 min Scan# 706
Delta R.T. 0.000 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion: 94 Resp: 204369
Ion Ratio Lower Upper
94 100
65 35.2 13.3 53.3
66 47.1 22.9 62.9





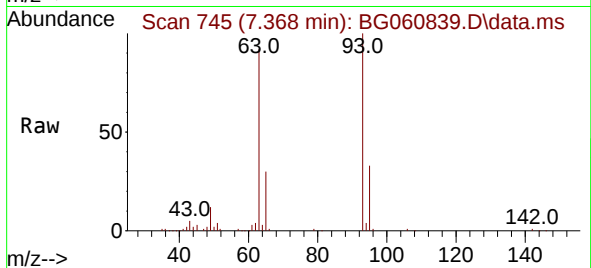
#11
bis(2-Chloroethyl)ether
Concen: 40.251 ng
RT: 7.368 min Scan# 748
Delta R.T. -0.018 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

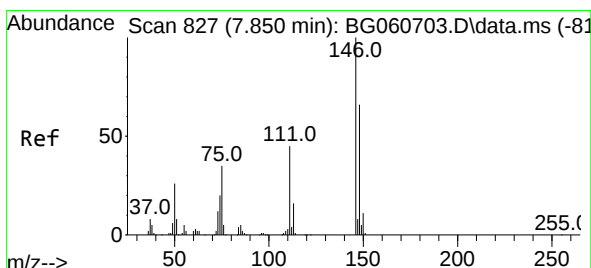
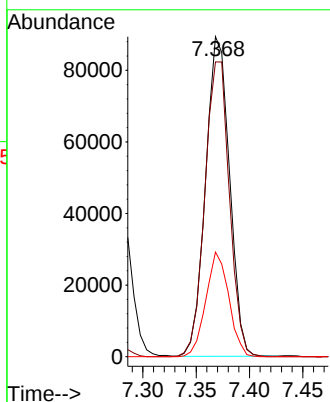
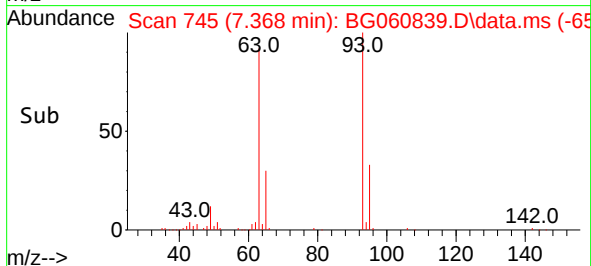


Tgt Ion: 93 Resp: 139870
Ion Ratio Lower Upper
93 100
63 92.1 73.7 113.7
95 32.7 11.2 51.2

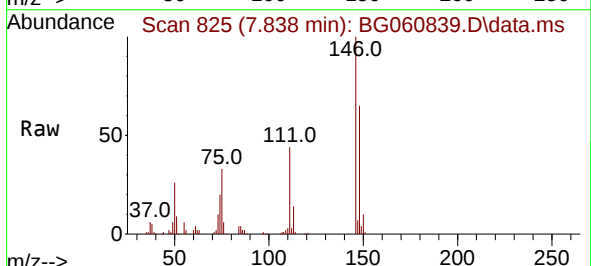
Manual Integrations

APPROVED

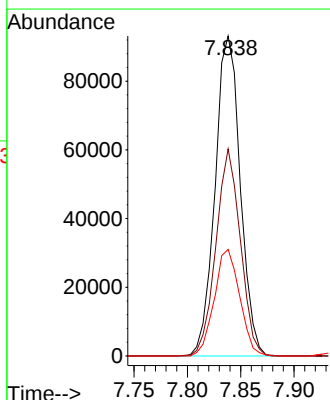
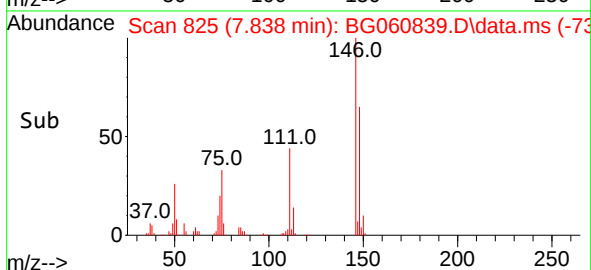
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

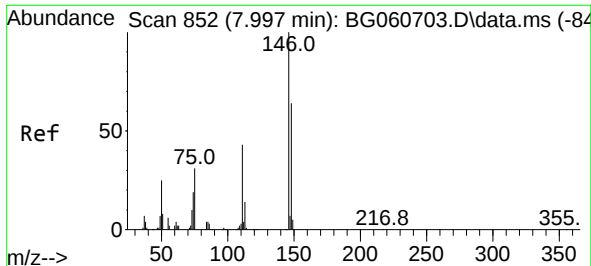


#12
1,3-Dichlorobenzene
Concen: 45.555 ng
RT: 7.838 min Scan# 825
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51



Tgt Ion:146 Resp: 152589
Ion Ratio Lower Upper
146 100
148 64.7 53.0 79.4
75 33.3 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 45.650 ng

RT: 7.985 min Scan# 81

Delta R.T. -0.012 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

Tgt Ion:146 Resp: 156000

Ion Ratio Lower Upper

146 100

148 58.6 51.1 76.7

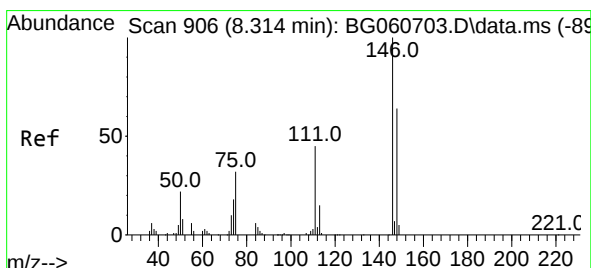
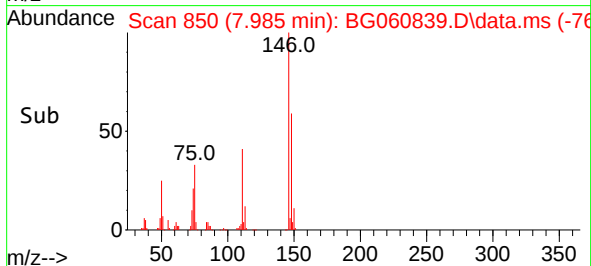
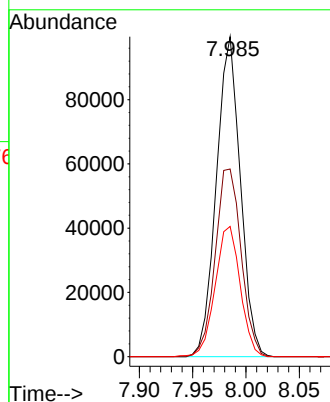
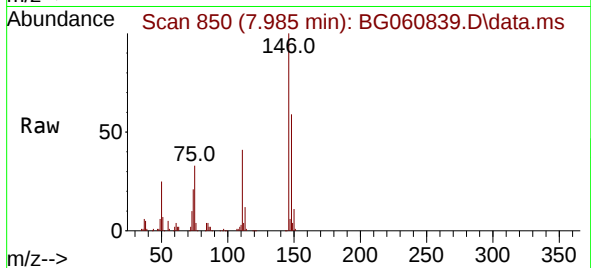
111 40.7 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#14

1,2-Dichlorobenzene

Concen: 44.413 ng

RT: 8.302 min Scan# 904

Delta R.T. -0.012 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

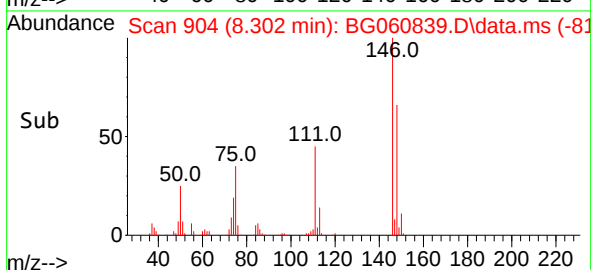
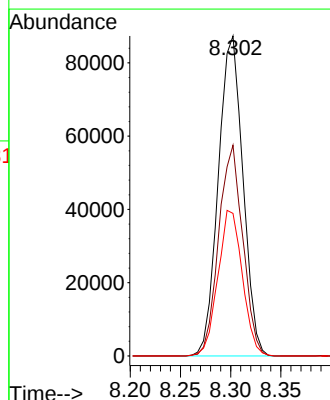
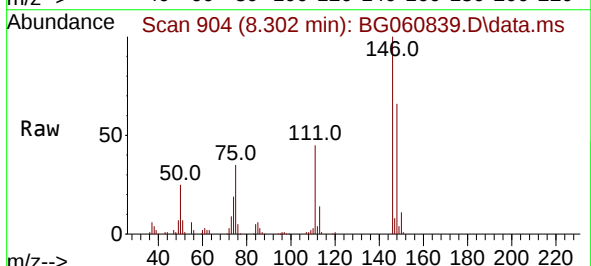
Tgt Ion:146 Resp: 148736

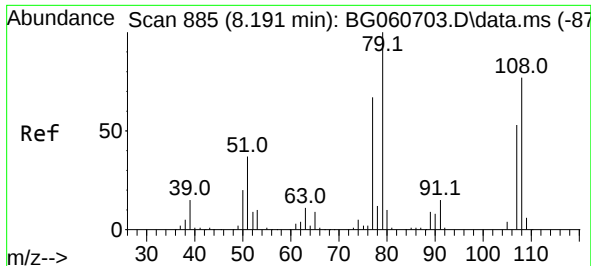
Ion Ratio Lower Upper

146 100

148 65.9 51.0 76.6

111 44.5 36.0 54.0





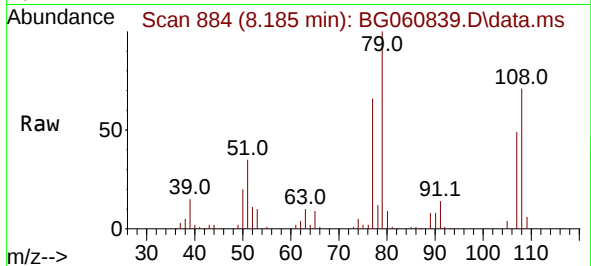
#15
Benzyl Alcohol
Concen: 43.577 ng
RT: 8.185 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

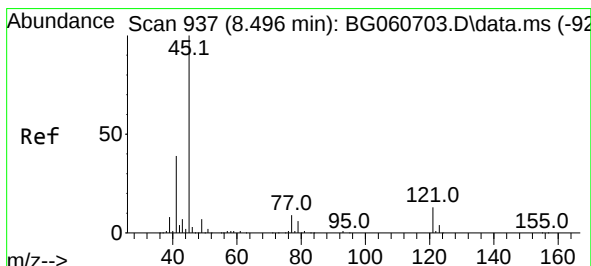
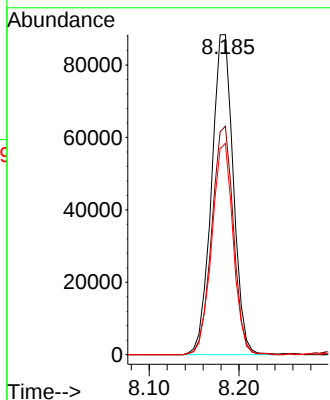
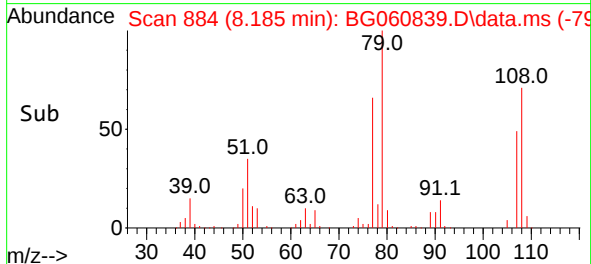
PB160074BS



Tgt Ion: 79 Resp: 148864
Ion Ratio Lower Upper
79 100
108 71.4 61.4 92.0
77 66.1 53.6 80.4

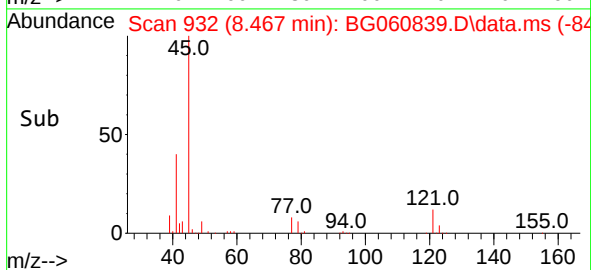
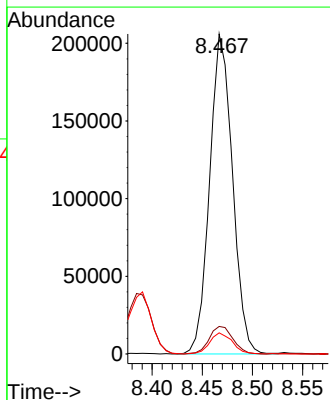
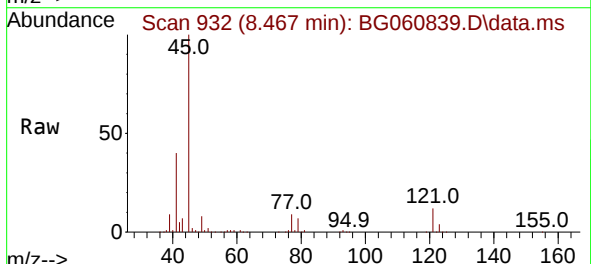
Manual Integrations
APPROVED

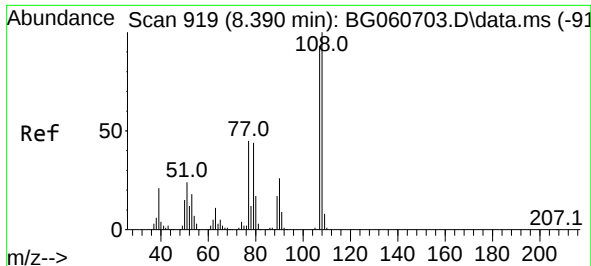
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.653 ng
RT: 8.467 min Scan# 932
Delta R.T. -0.029 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion: 45 Resp: 326653
Ion Ratio Lower Upper
45 100
77 8.6 0.0 29.1
79 6.6 0.0 26.5





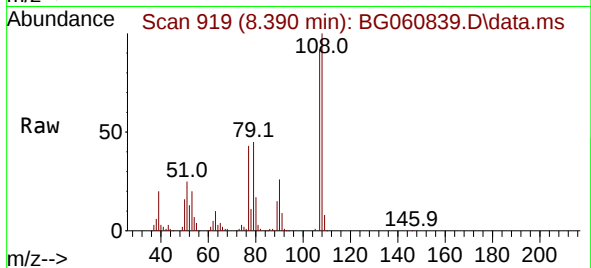
#17
2-Methylphenol
Concen: 41.871 ng
RT: 8.390 min Scan# 919
Delta R.T. 0.000 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS



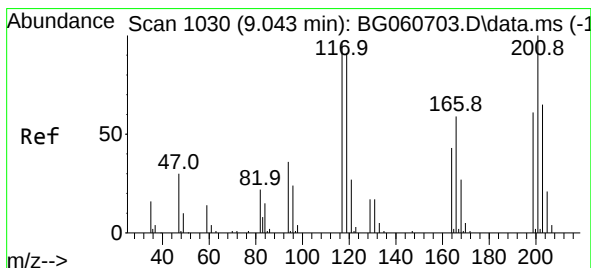
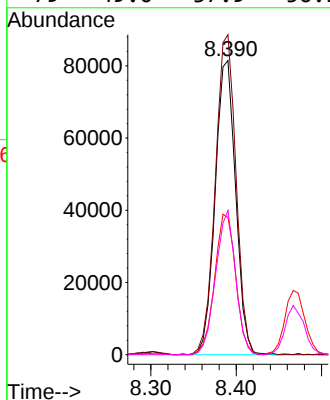
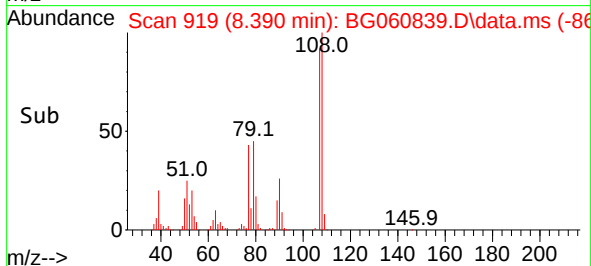
Tgt Ion:107 Resp: 136040
Ion Ratio Lower Upper
107 100
108 108.8 86.4 129.6
77 46.6 38.6 58.0
79 49.0 37.9 56.9

Manual Integrations

APPROVED

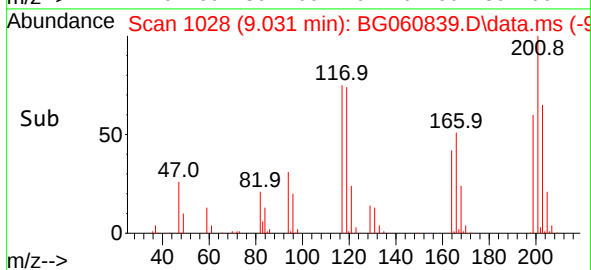
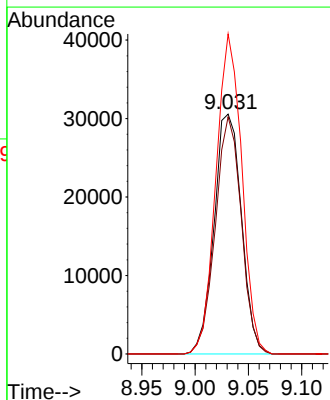
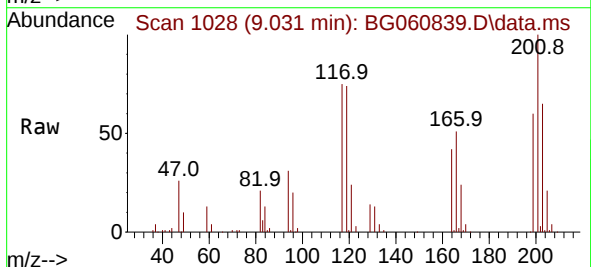
Reviewed By :Yogesh Patel 04/10/2024

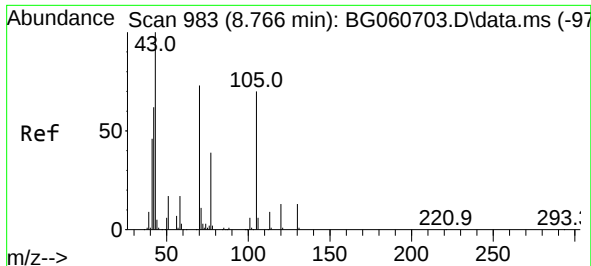
Supervised By :mohammad ahmed 04/10/2024



#18
Hexachloroethane
Concen: 45.006 ng
RT: 9.031 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

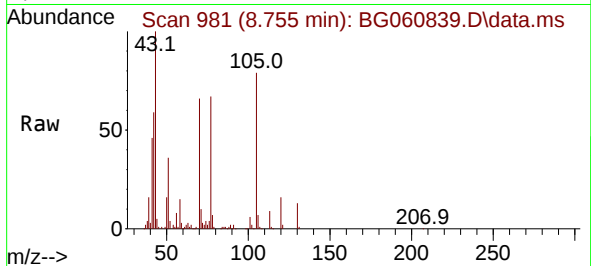
Tgt Ion:117 Resp: 54623
Ion Ratio Lower Upper
117 100
119 98.9 75.7 113.5
201 133.4 83.4 125.2#





#19
n-Nitroso-di-n-propylamine
Concen: 38.354 ng
RT: 8.755 min Scan# 981
Delta R.T. -0.011 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

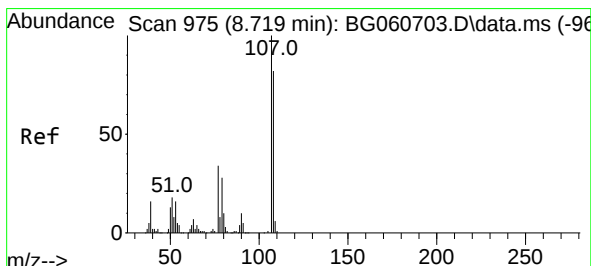
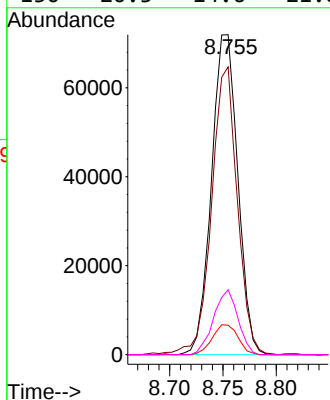
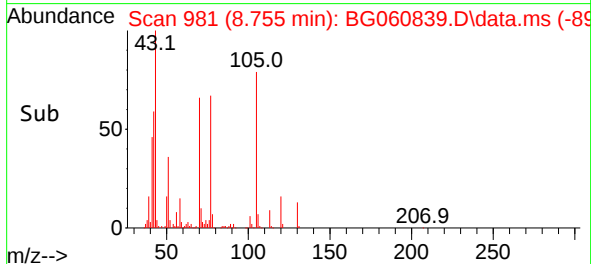
Instrument :
BNA_G
ClientSampleId :
PB160074BS



Tgt Ion: 70 Resp: 12335
Ion Ratio Lower Upper
70 100
42 90.0 68.4 102.6
101 9.2 6.1 9.1
130 20.3 14.6 21.8

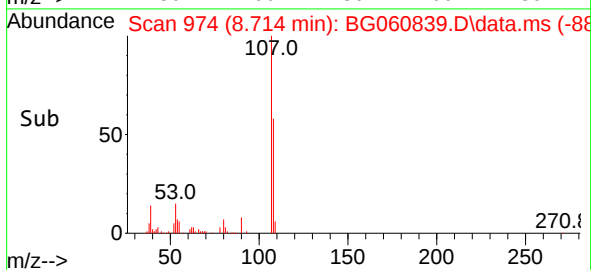
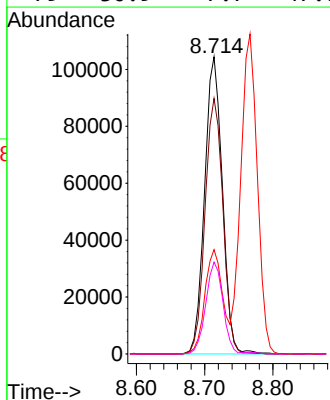
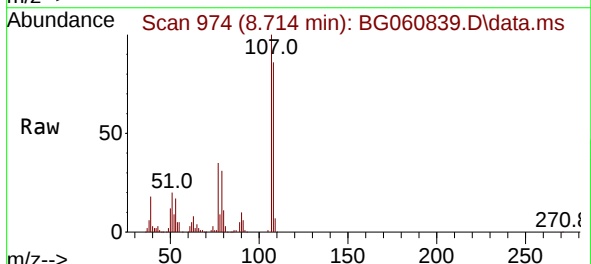
Manual Integrations
APPROVED

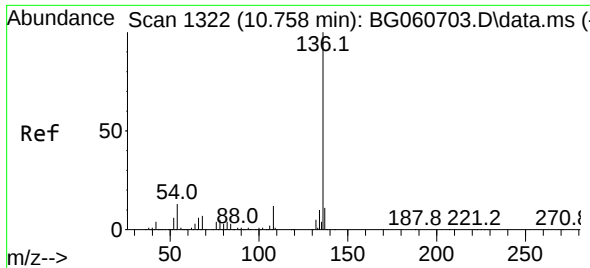
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#20
3+4-Methylphenols
Concen: 42.585 ng
RT: 8.714 min Scan# 974
Delta R.T. -0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:107 Resp: 189476
Ion Ratio Lower Upper
107 100
108 86.0 62.2 102.2
77 35.1 14.1 54.1
79 30.9 7.7 47.7





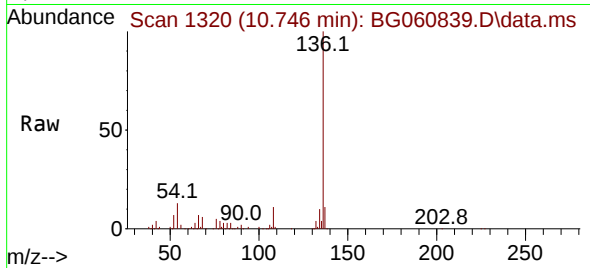
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS



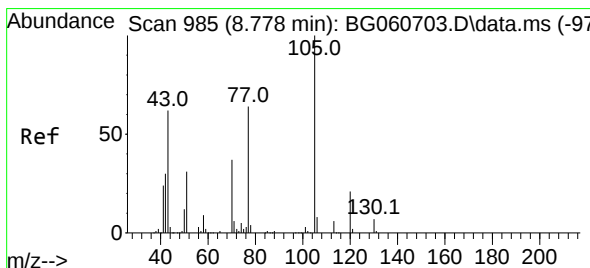
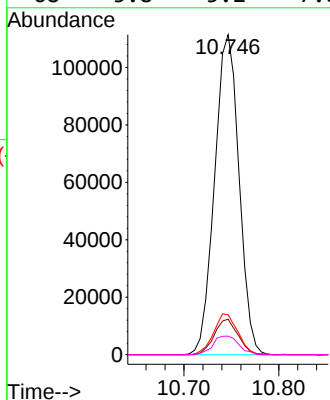
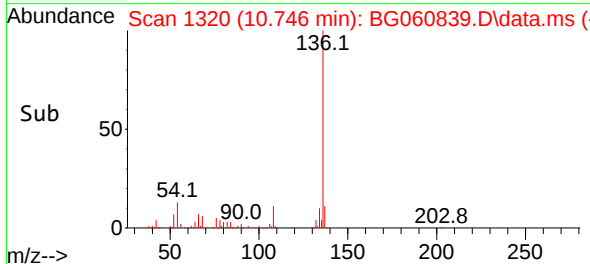
Tgt Ion:136 Resp: 199433
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 12.5 10.2 15.2
68 5.8 5.2 7.8

Manual Integrations

APPROVED

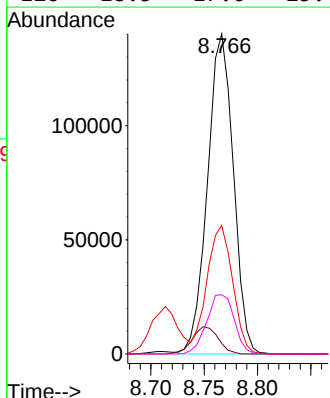
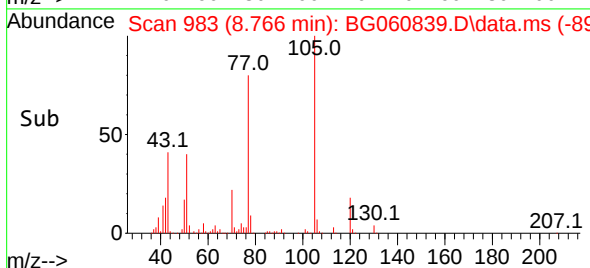
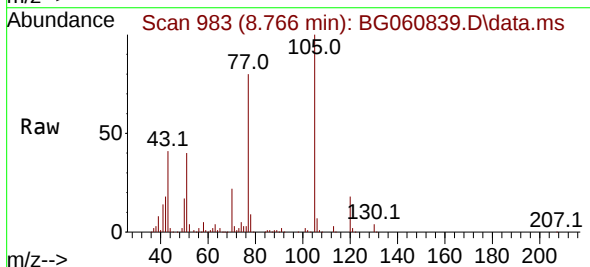
Reviewed By :Yogesh Patel 04/10/2024

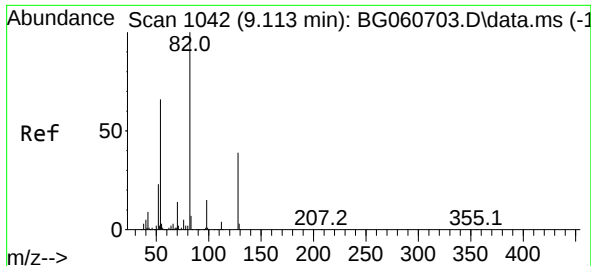
Supervised By :mohammad ahmed 04/10/2024



#22
Acetophenone
Concen: 43.037 ng
RT: 8.766 min Scan# 983
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:105 Resp: 236667
Ion Ratio Lower Upper
105 100
71 3.3 4.9 7.3#
51 40.1 31.1 46.7
120 18.5 17.0 25.4





#23

Nitrobenzene-d5

Concen: 99.434 ng

RT: 9.101 min Scan# 1040

Delta R.T. -0.012 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

Tgt Ion: 82 Resp: 347528

Ion Ratio Lower Upper

82 100

128 39.3 31.2 46.8

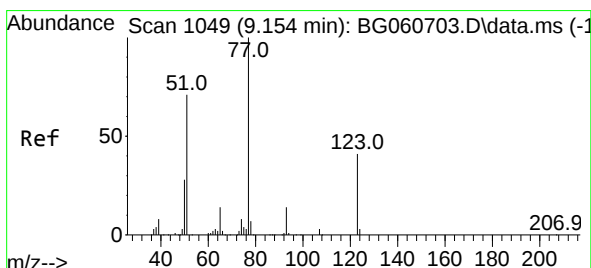
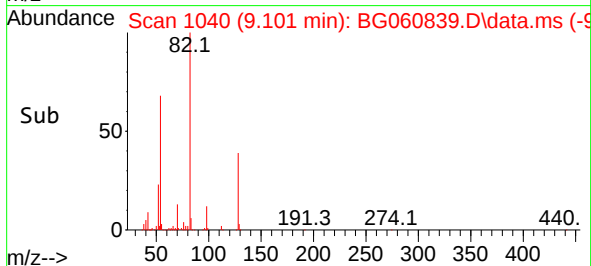
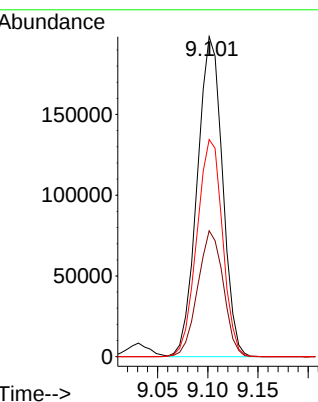
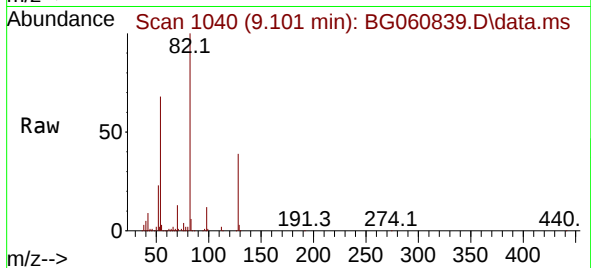
54 67.9 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#24

Nitrobenzene

Concen: 45.191 ng

RT: 9.142 min Scan# 1047

Delta R.T. -0.012 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

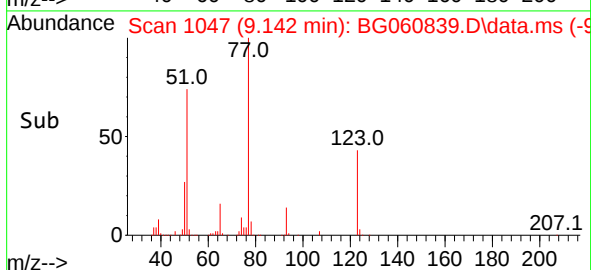
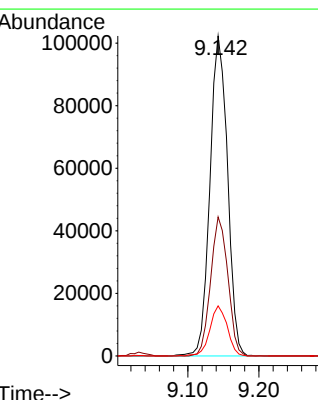
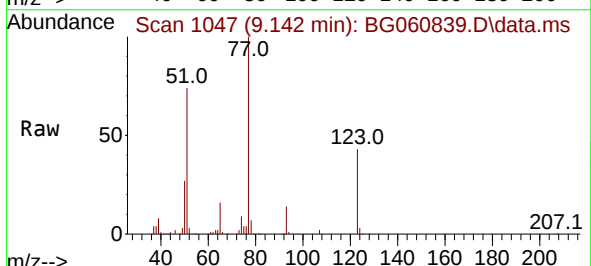
Tgt Ion: 77 Resp: 175141

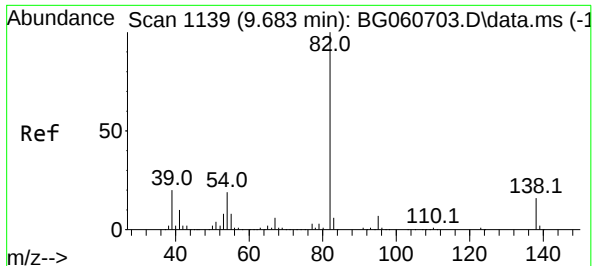
Ion Ratio Lower Upper

77 100

123 43.4 32.7 49.1

65 15.6 11.3 16.9





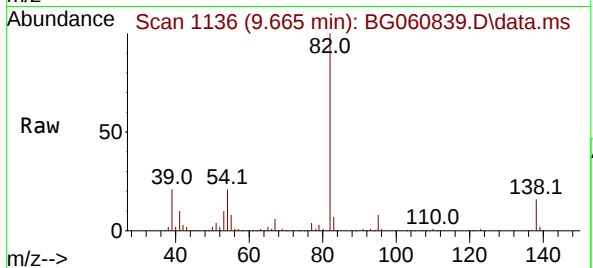
#25
Isophorone
Concen: 40.572 ng
RT: 9.665 min Scan# 1136
Delta R.T. -0.018 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

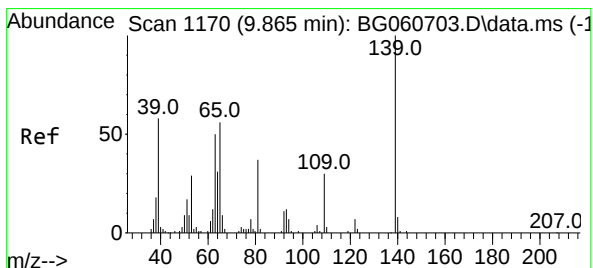
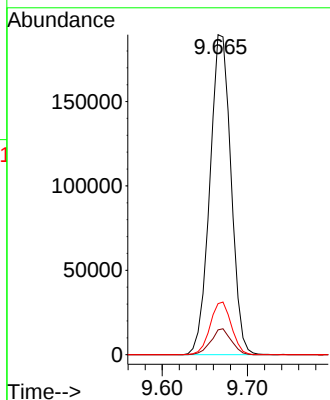
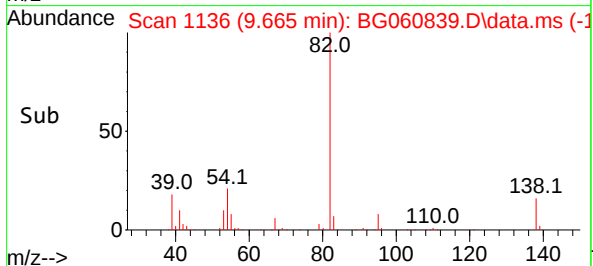


Tgt Ion: 82 Resp: 326609
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.8
138 16.0 13.0 19.4

Manual Integrations

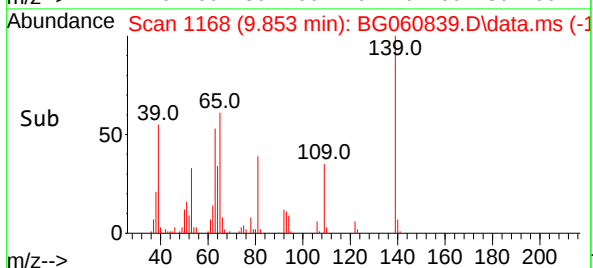
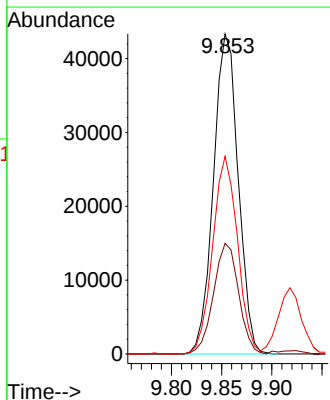
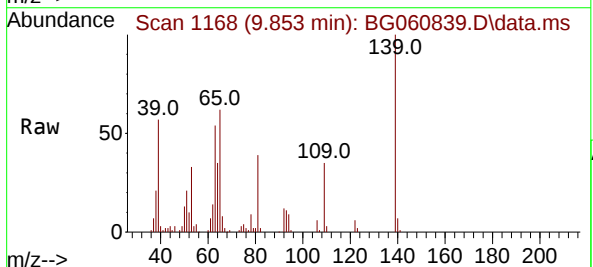
APPROVED

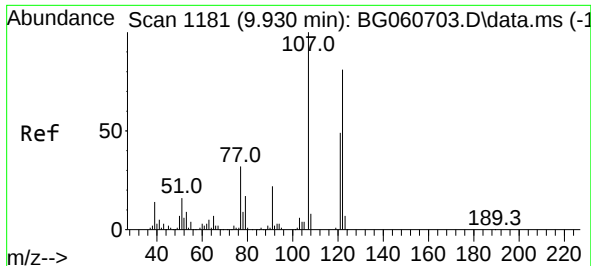
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#26
2-Nitrophenol
Concen: 53.224 ng
RT: 9.853 min Scan# 1168
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:139 Resp: 74146
Ion Ratio Lower Upper
139 100
109 34.5 23.9 35.9
65 61.7 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 35.794 ng

RT: 9.918 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

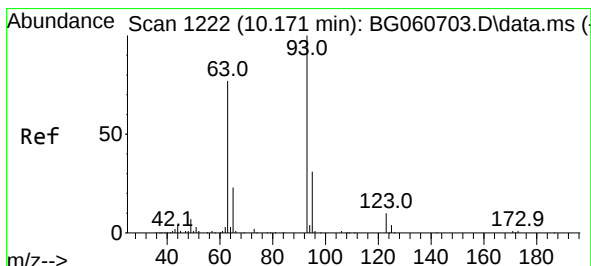
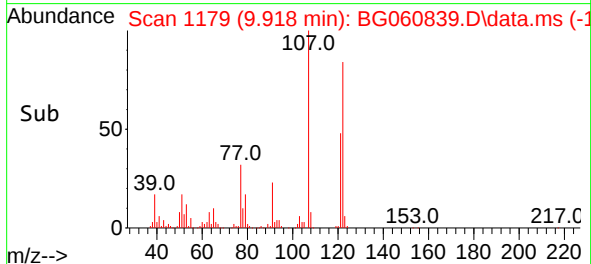
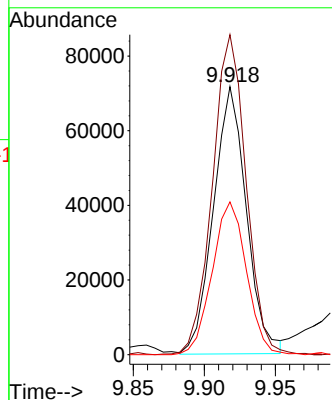
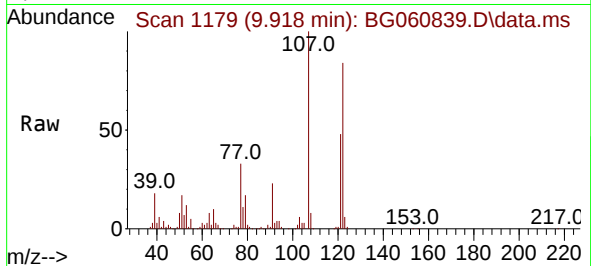
Tgt Ion:122 Resp: 115740
 Ion Ratio Lower Upper
 122 100
 107 119.4 98.6 147.8
 121 57.0 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#28

bis(2-Chloroethoxy)methane

Concen: 40.228 ng

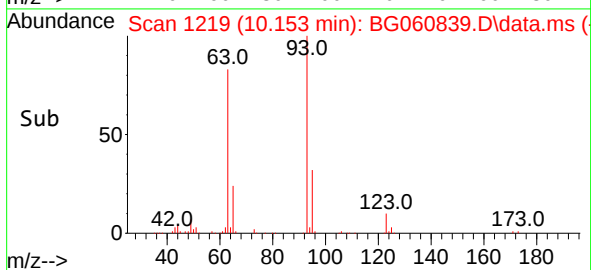
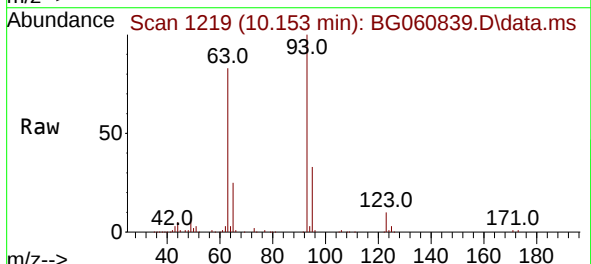
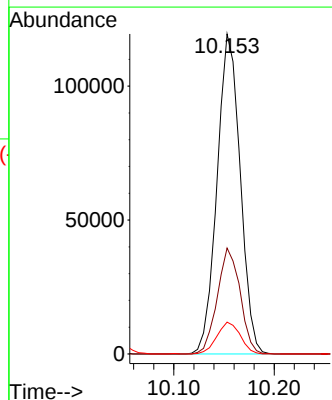
RT: 10.153 min Scan# 1219

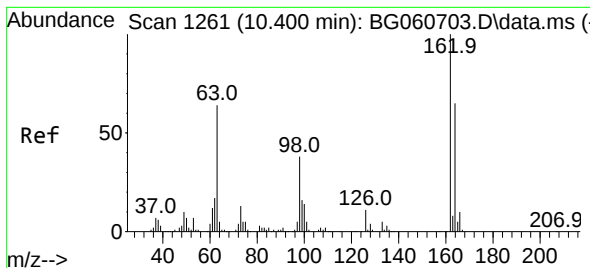
Delta R.T. -0.018 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

Tgt Ion: 93 Resp: 191188
 Ion Ratio Lower Upper
 93 100
 95 33.1 25.1 37.7
 123 9.9 8.0 12.0





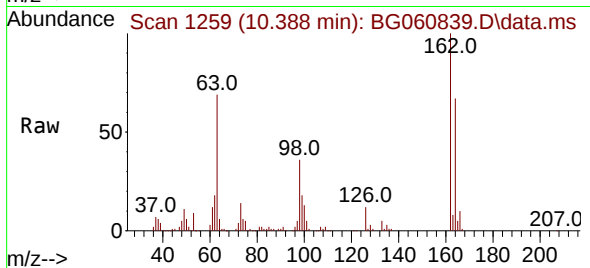
#29
2,4-Dichlorophenol
Concen: 52.208 ng
RT: 10.388 min Scan# 1259
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

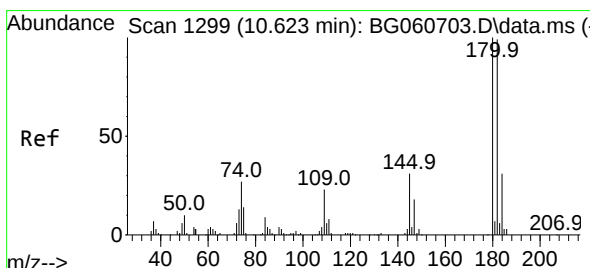
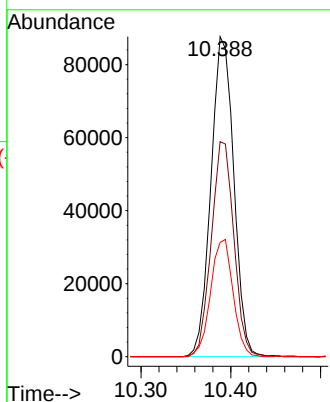
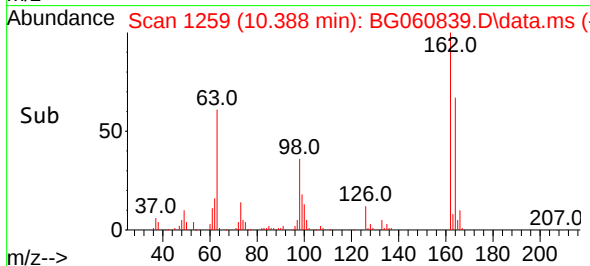


Tgt Ion:162 Resp: 155030
Ion Ratio Lower Upper
162 100
164 67.2 45.2 85.2
98 35.7 17.7 57.7

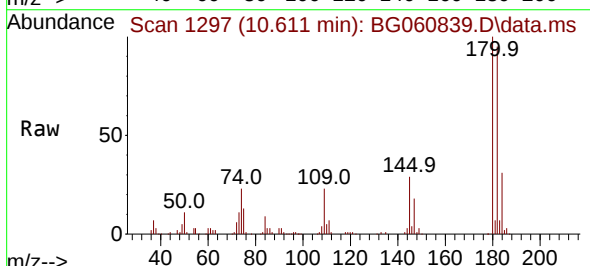
Manual Integrations

APPROVED

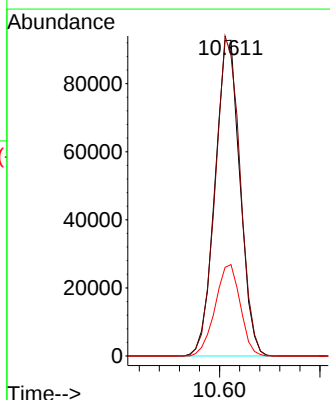
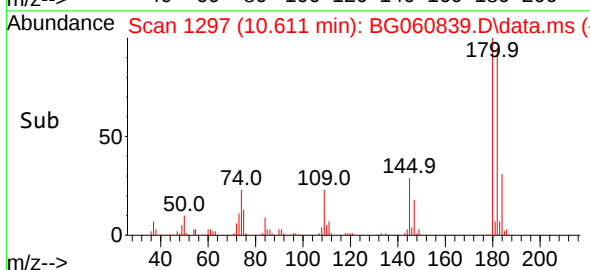
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

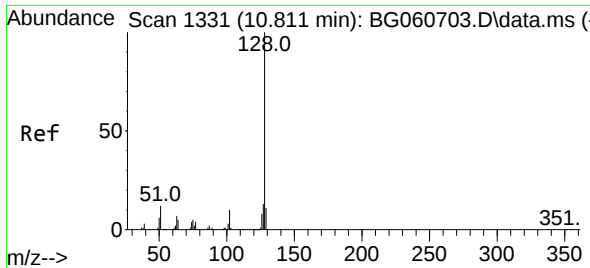


#30
1,2,4-Trichlorobenzene
Concen: 47.701 ng
RT: 10.611 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51



Tgt Ion:180 Resp: 160392
Ion Ratio Lower Upper
180 100
182 95.1 79.0 118.4
145 28.9 24.9 37.3





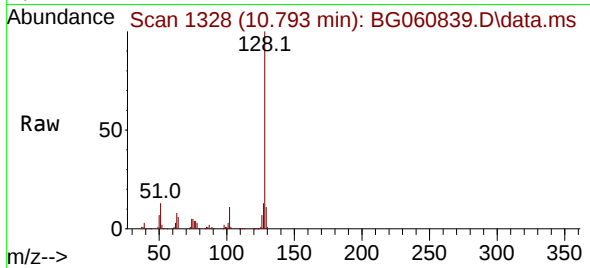
#31
Naphthalene
Concen: 42.564 ng
RT: 10.793 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS



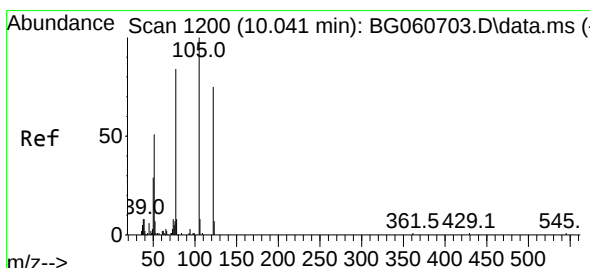
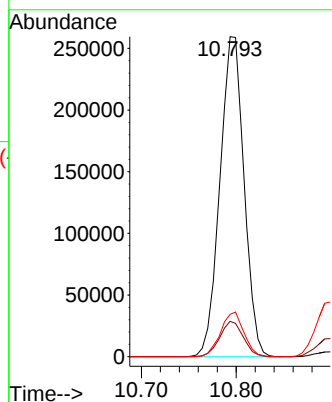
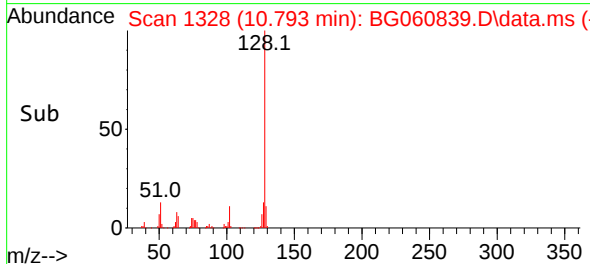
Tgt Ion:128 Resp: 45918
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.2 10.5 15.7

Manual Integrations

APPROVED

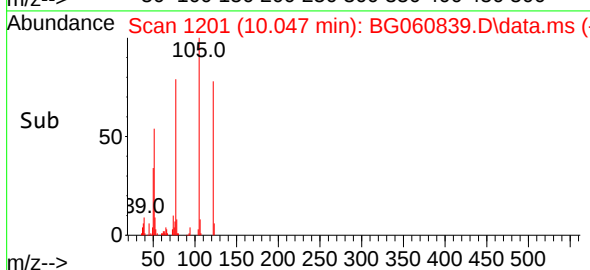
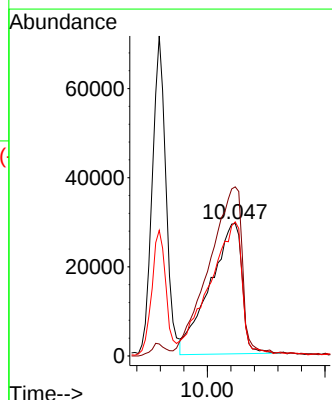
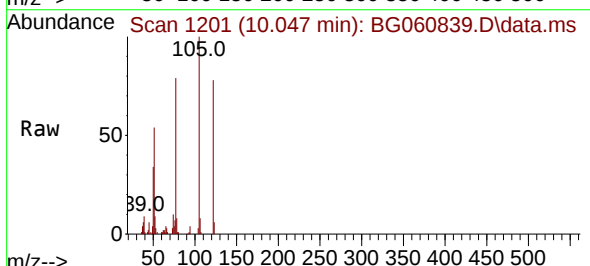
Reviewed By :Yogesh Patel 04/10/2024

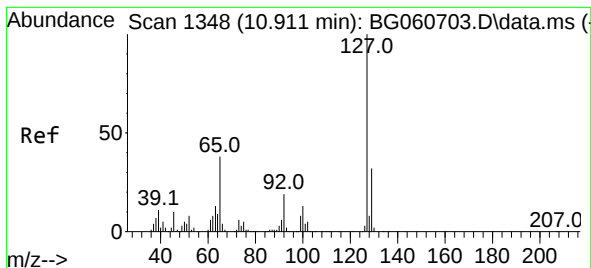
Supervised By :mohammad ahmed 04/10/2024



#32
Benzoic acid
Concen: 50.752 ng
RT: 10.047 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:122 Resp: 110176
Ion Ratio Lower Upper
122 100
105 127.6 104.5 144.5
77 101.2 85.3 125.3





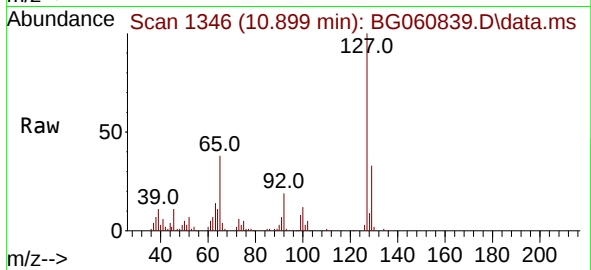
#33
4-Chloroaniline
Concen: 16.555 ng
RT: 10.899 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS



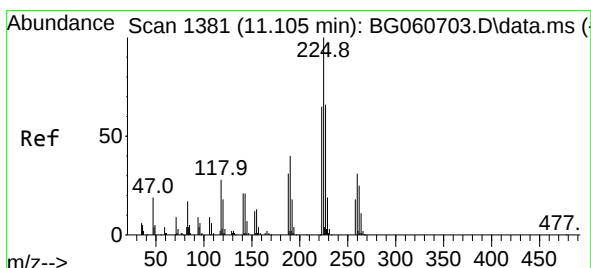
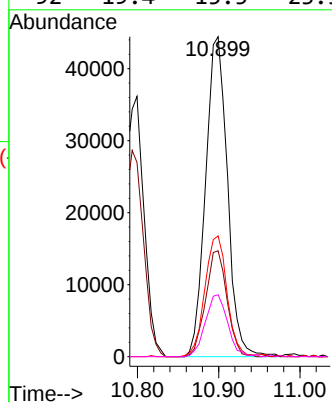
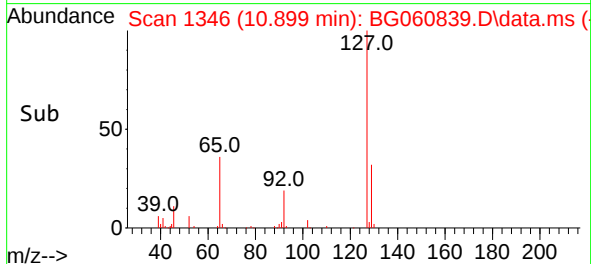
Tgt Ion:	127	Resp:	8295
Ion Ratio	Lower	Upper	
127	100		
129	33.1	25.3	37.9
65	37.7	30.2	45.2
92	19.4	15.5	23.3

Manual Integrations

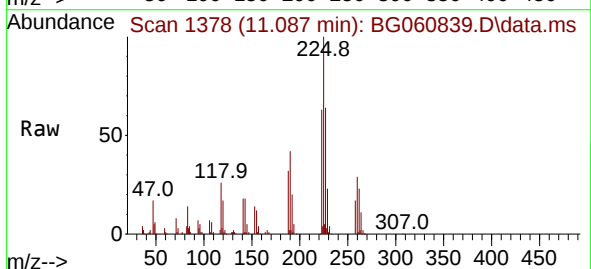
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

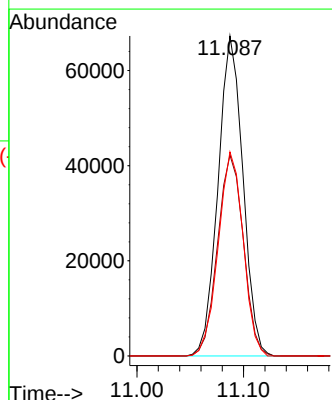
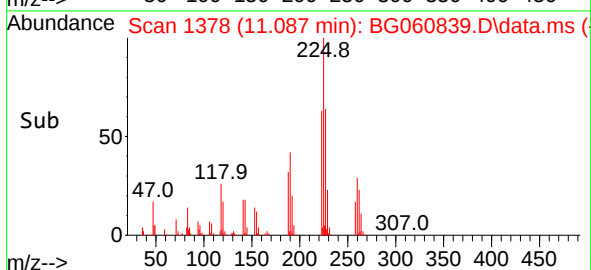
Supervised By :mohammad ahmed 04/10/2024

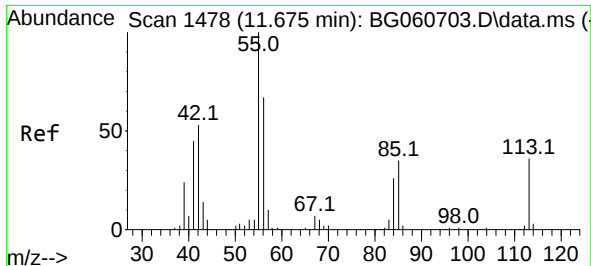


#34
Hexachlorobutadiene
Concen: 48.571 ng
RT: 11.087 min Scan# 1378
Delta R.T. -0.018 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51



Tgt Ion:	225	Resp:	108844
Ion Ratio	Lower	Upper	
225	100		
223	62.8	52.0	78.0
227	63.8	52.5	78.7





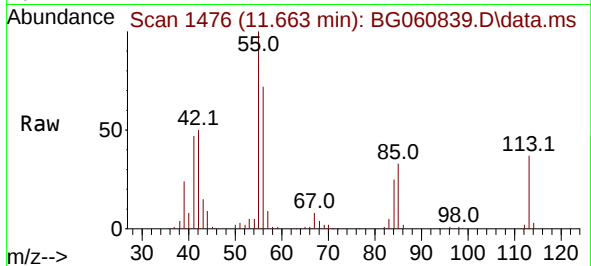
#35
Caprolactam
Concen: 49.562 ng m
RT: 11.663 min Scan# 1476
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

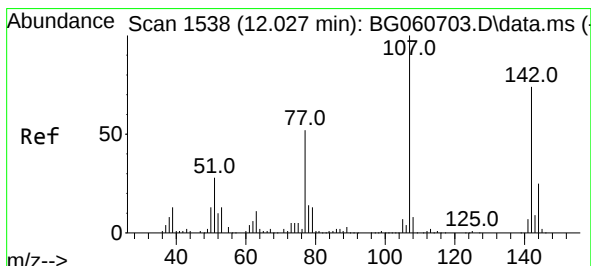
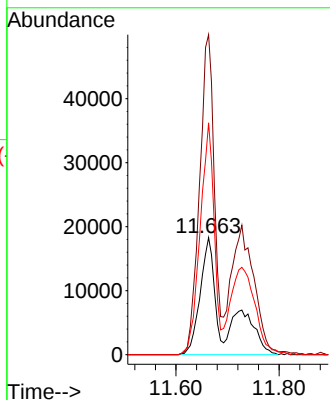
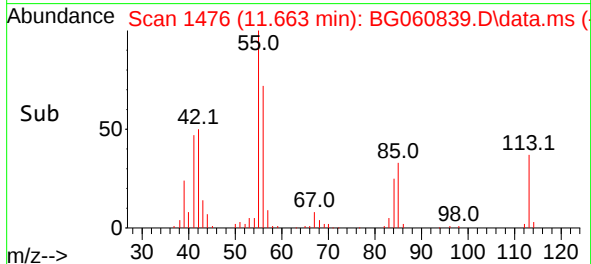


Tgt Ion:113 Resp: 58290
Ion Ratio Lower Upper
113 100
55 273.0 258.0 298.0
56 197.8 166.3 206.3

Manual Integrations

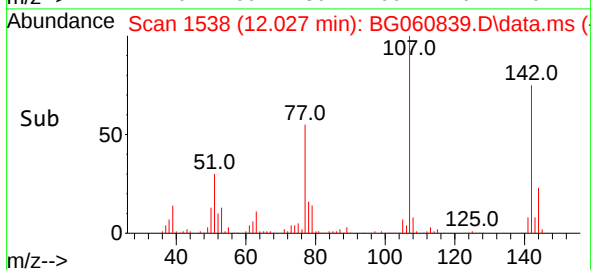
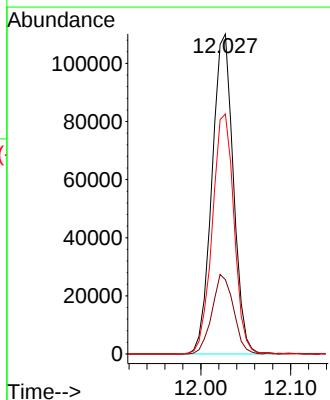
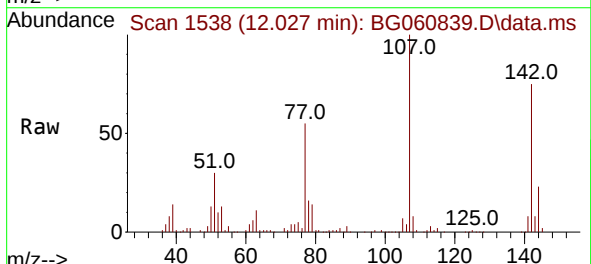
APPROVED

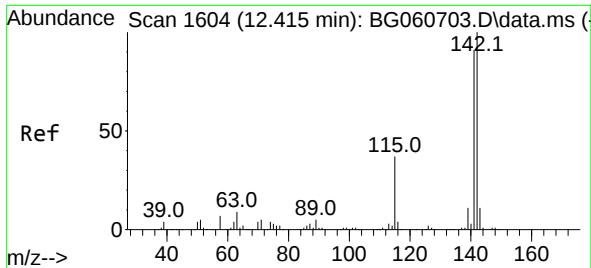
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#36
4-Chloro-3-methylphenol
Concen: 47.999 ng
RT: 12.027 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:107 Resp: 182081
Ion Ratio Lower Upper
107 100
144 23.2 20.0 30.0
142 75.0 59.2 88.8





#37
2-Methylnaphthalene
Concen: 41.466 ng
RT: 12.403 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

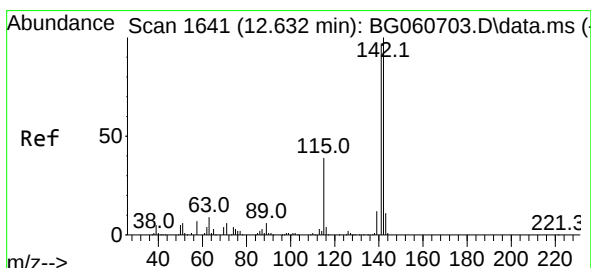
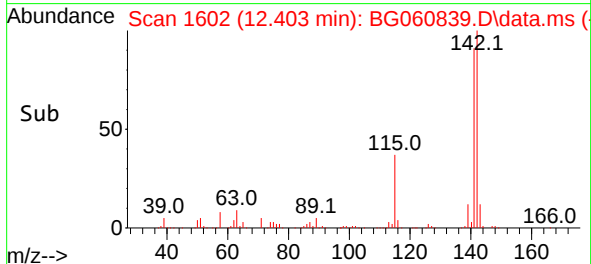
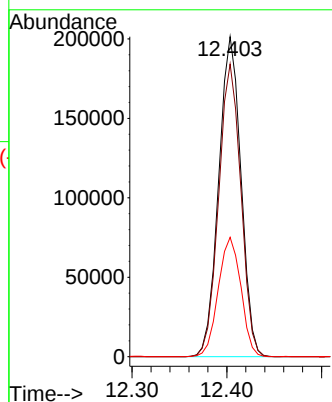
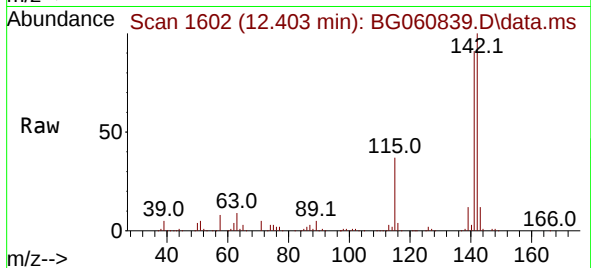
PB160074BS

Tgt Ion:142 Resp: 32888
Ion Ratio Lower Upper
142 100
141 91.5 72.7 109.1
115 37.3 29.9 44.9

Manual Integrations

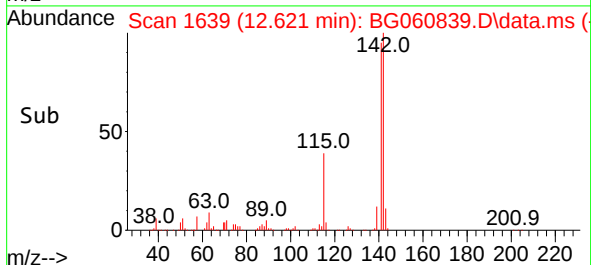
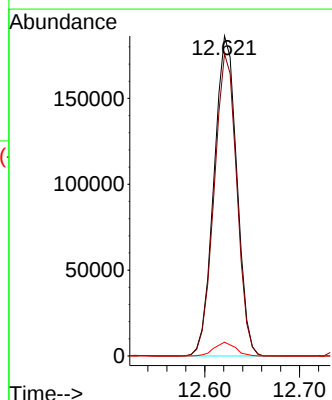
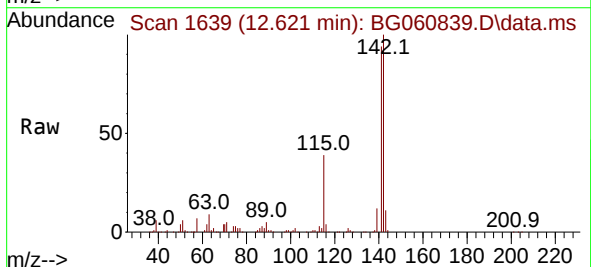
APPROVED

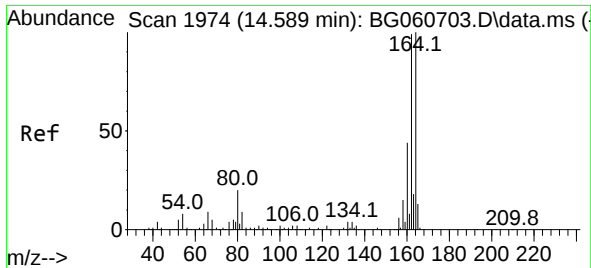
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#38
1-Methylnaphthalene
Concen: 41.610 ng
RT: 12.621 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:142 Resp: 311770
Ion Ratio Lower Upper
142 100
141 94.5 77.7 116.5
116 4.3 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

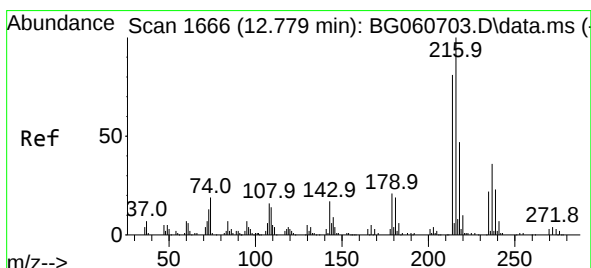
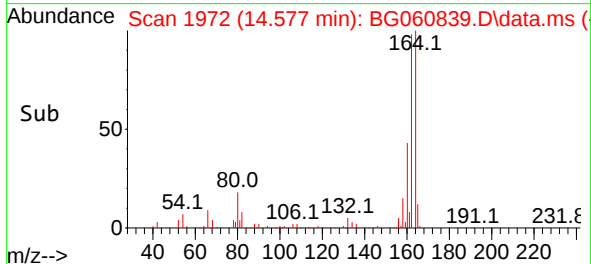
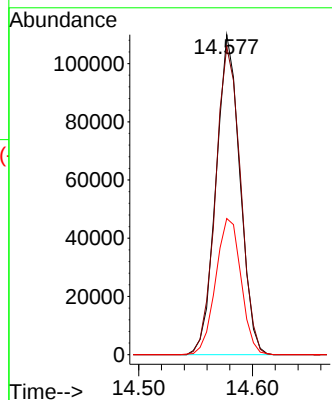
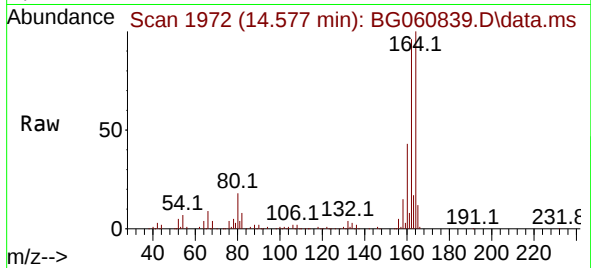
ClientSampleId :

PB160074BS

Tgt Ion:164 Resp: 160630
Ion Ratio Lower Upper
164 100
162 96.2 79.5 119.3
160 42.5 35.4 53.0

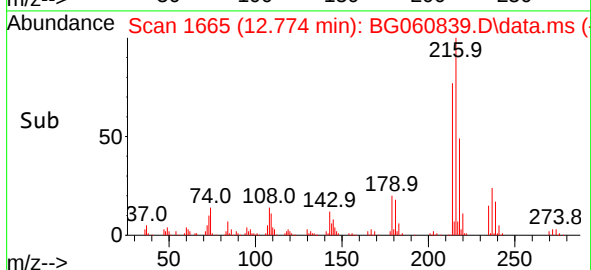
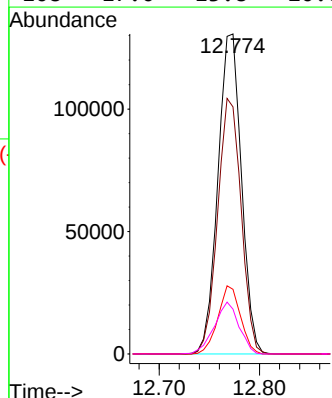
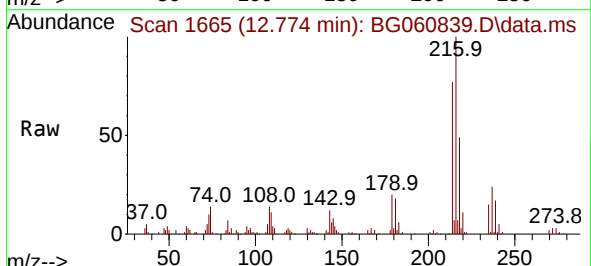
Manual Integrations
APPROVED

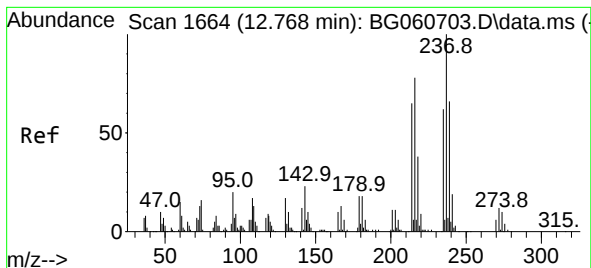
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.993 ng
RT: 12.774 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:216 Resp: 212399
Ion Ratio Lower Upper
216 100
214 79.6 63.1 94.7
179 20.4 16.7 25.1
108 17.0 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 100.110 ng
RT: 12.756 min Scan# 10
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

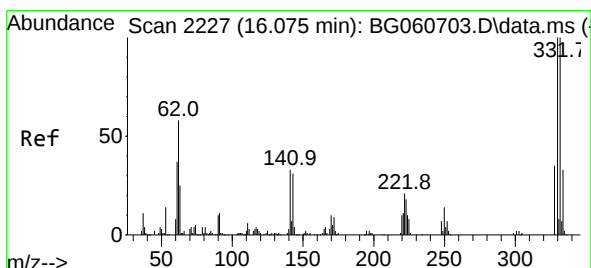
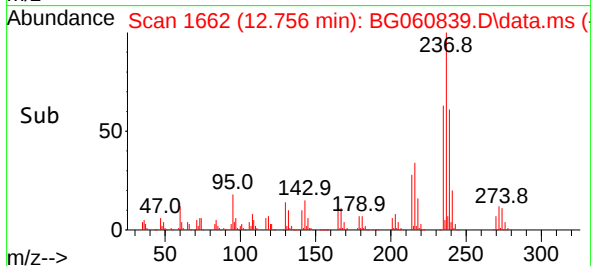
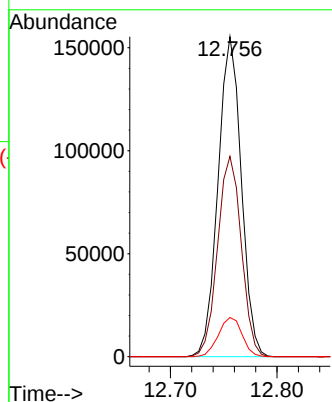
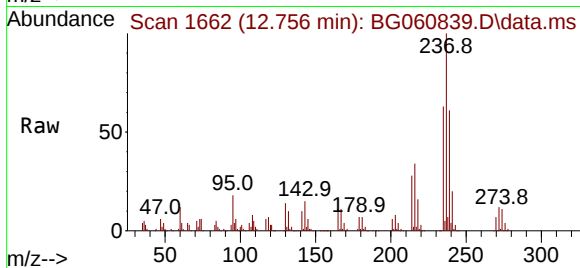
PB160074BS

Tgt Ion:237 Resp: 235078
Ion Ratio Lower Upper
237 100
235 62.6 42.0 82.0
272 12.3 0.0 32.4

Manual Integrations

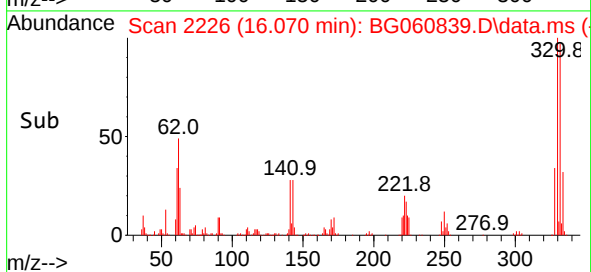
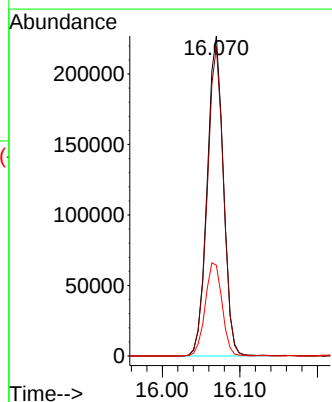
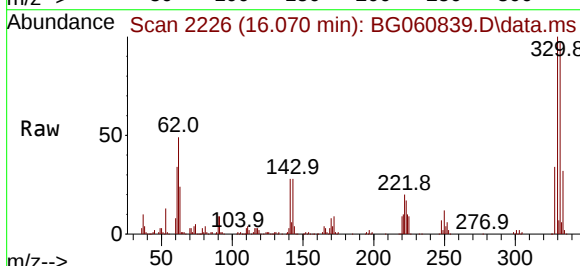
APPROVED

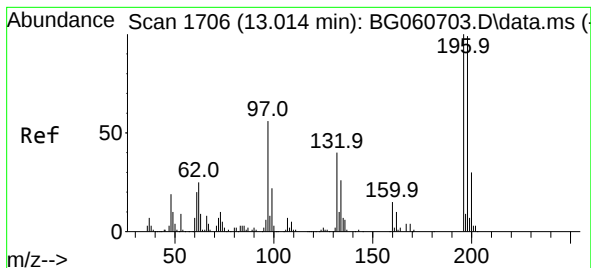
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#42
2,4,6-Tribromophenol
Concen: 180.552 ng
RT: 16.070 min Scan# 2226
Delta R.T. -0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:330 Resp: 329233
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.4
141 30.3 27.0 40.6





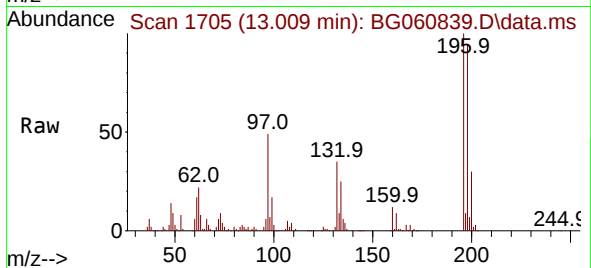
#43
2,4,6-Trichlorophenol
Concen: 52.301 ng
RT: 13.009 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

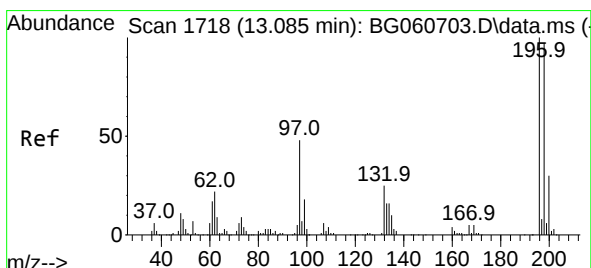
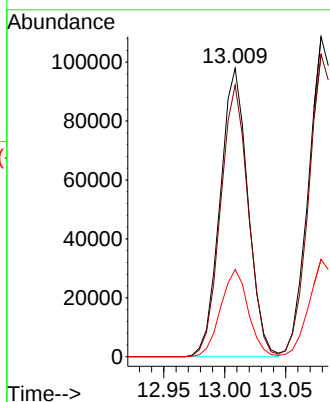
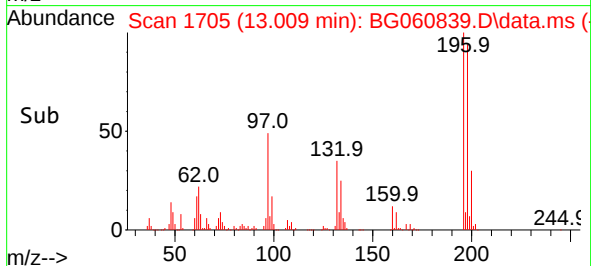


Tgt Ion:196 Resp: 155524
Ion Ratio Lower Upper
196 100
198 94.2 79.1 118.7
200 30.3 24.0 36.0

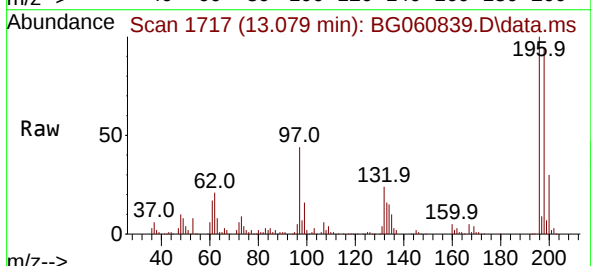
Manual Integrations

APPROVED

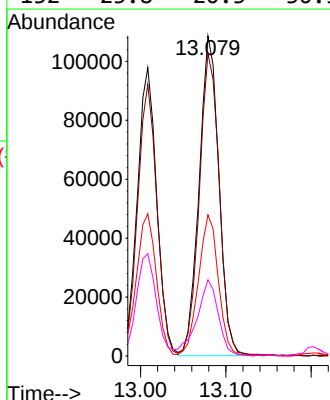
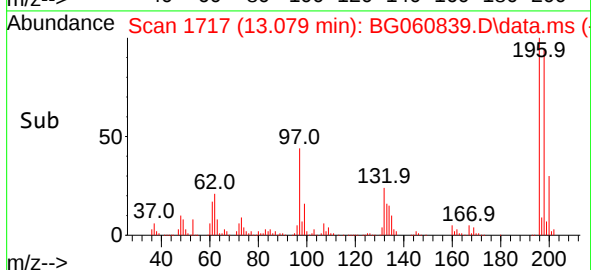
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

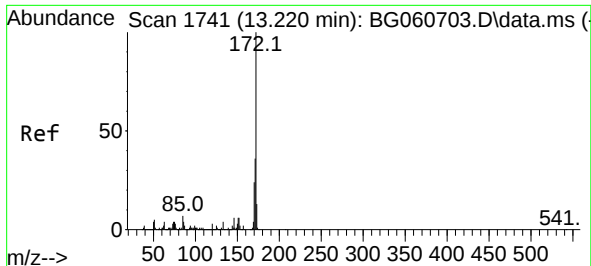


#44
2,4,5-Trichlorophenol
Concen: 49.363 ng
RT: 13.079 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51



Tgt Ion:196 Resp: 175177
Ion Ratio Lower Upper
196 100
198 94.5 77.8 116.8
97 44.1 38.2 57.4
132 23.8 20.3 30.5





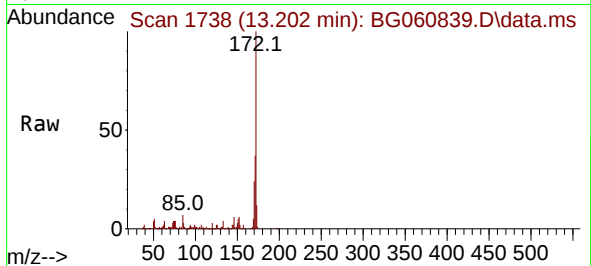
#45
2-Fluorobiphenyl
Concen: 82.051 ng
RT: 13.202 min Scan# 1741
Delta R.T. -0.018 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS



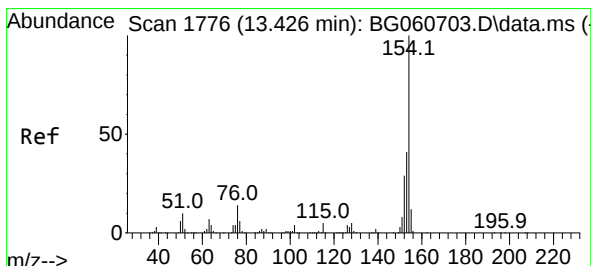
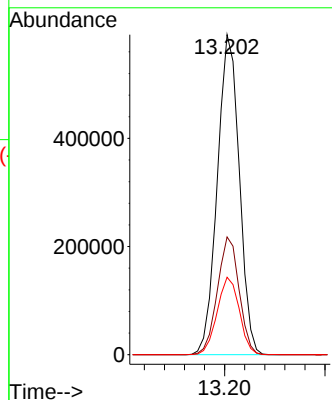
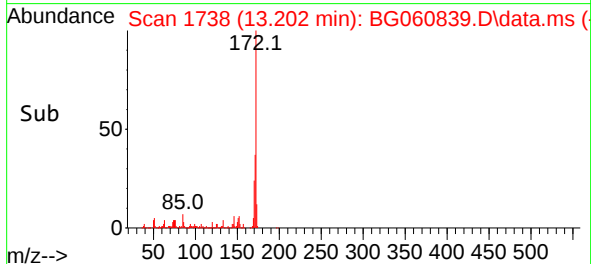
Tgt Ion:172 Resp: 898074
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 24.2 19.4 29.0

Manual Integrations

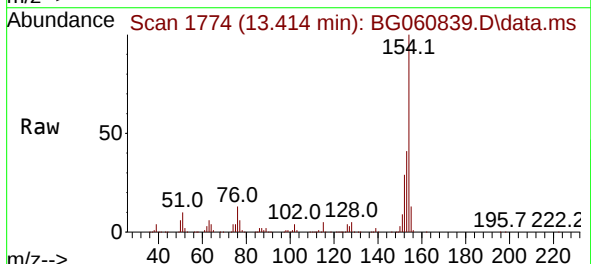
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

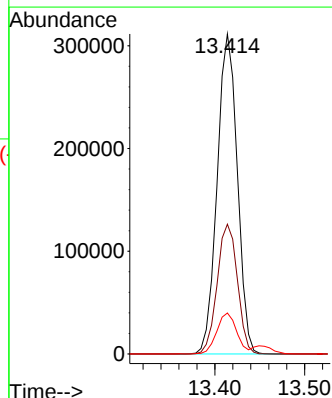
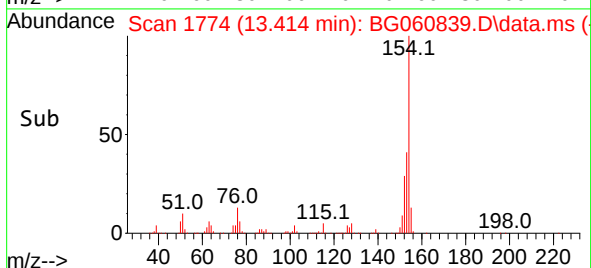
Supervised By :mohammad ahmed 04/10/2024

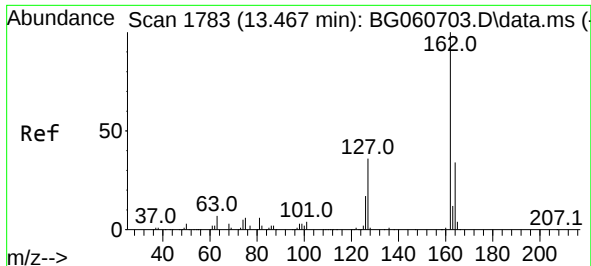


#46
1,1'-Biphenyl
Concen: 42.709 ng
RT: 13.414 min Scan# 1774
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51



Tgt Ion:154 Resp: 484586
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 12.8 0.0 33.9





#47
2-Chloronaphthalene
Concen: 44.321 ng
RT: 13.455 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

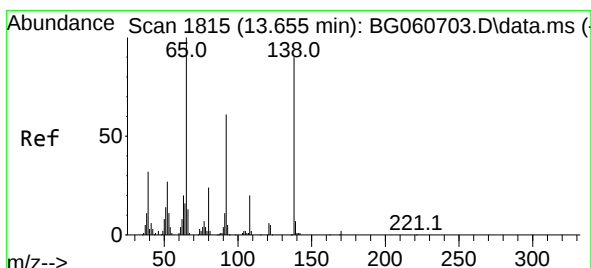
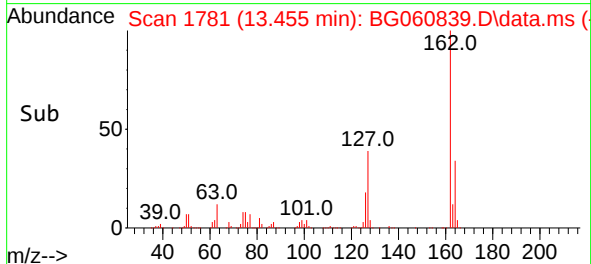
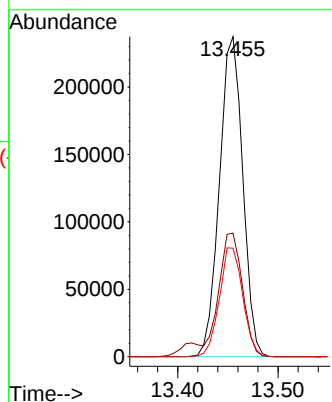
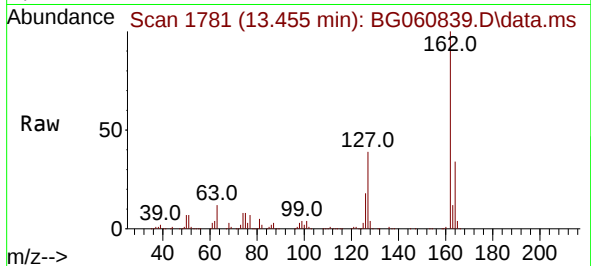
ClientSampleId :

PB160074BS

Tgt Ion:162 Resp: 38207
Ion Ratio Lower Upper
162 100
127 38.6 30.6 46.0
164 33.9 26.9 40.3

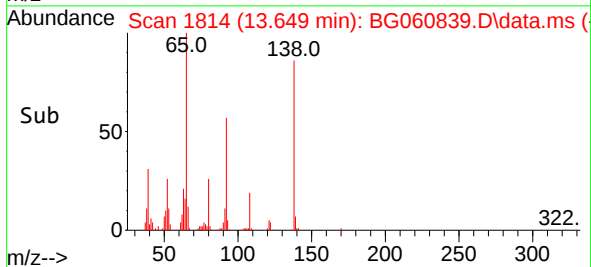
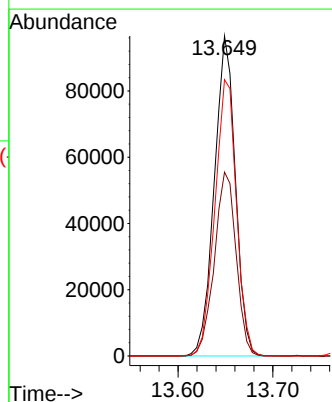
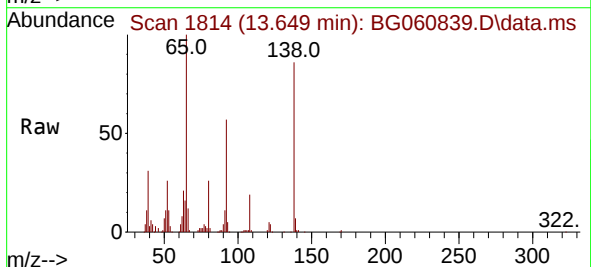
Manual Integrations
APPROVED

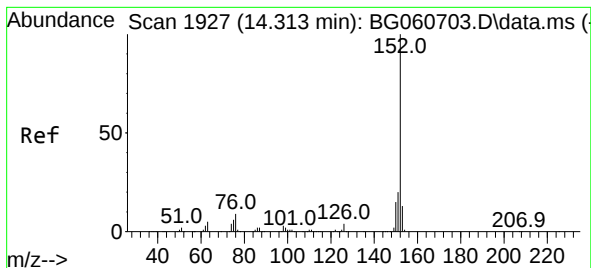
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#48
2-Nitroaniline
Concen: 52.566 ng
RT: 13.649 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion: 65 Resp: 149335
Ion Ratio Lower Upper
65 100
92 57.4 48.6 72.8
138 86.4 72.2 108.4





#49

Acenaphthylene

Concen: 45.774 ng

RT: 14.301 min Scan# 1927

Delta R.T. -0.012 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

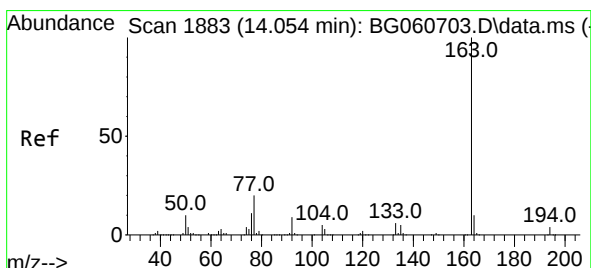
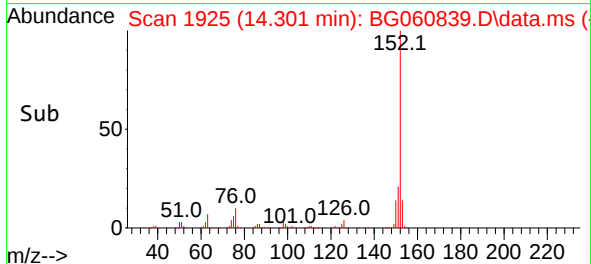
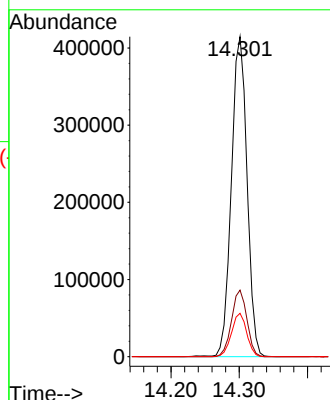
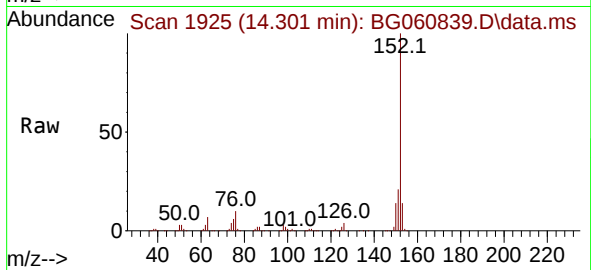
Tgt Ion:152 Resp: 663023
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.4 24.6
 153 13.5 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#50

Dimethylphthalate

Concen: 44.170 ng

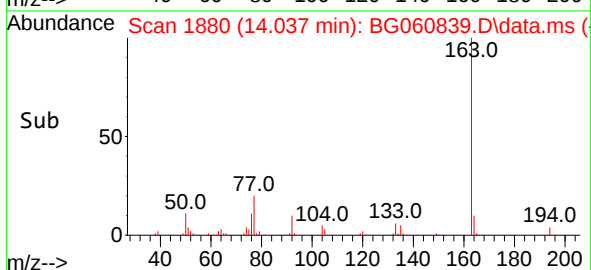
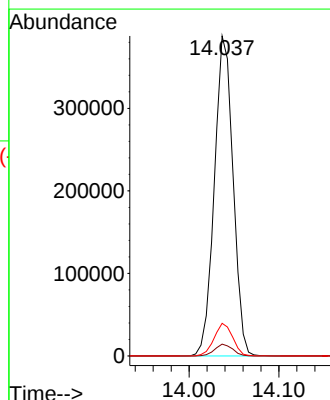
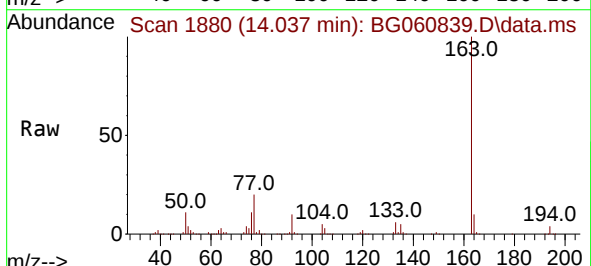
RT: 14.037 min Scan# 1880

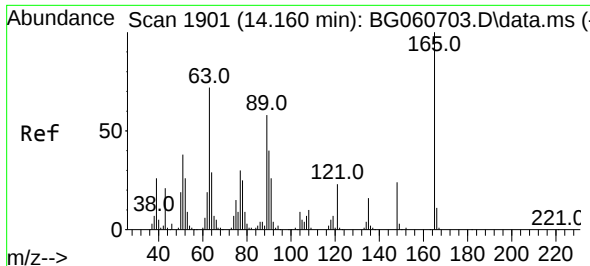
Delta R.T. -0.017 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

Tgt Ion:163 Resp: 560821
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.0 4.6
 164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 50.872 ng
RT: 14.148 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

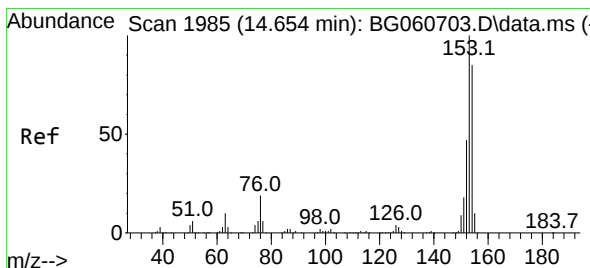
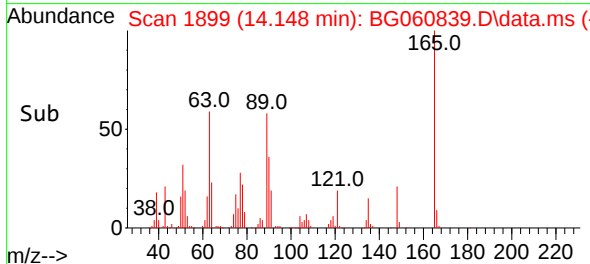
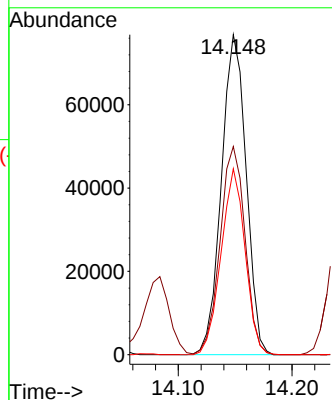
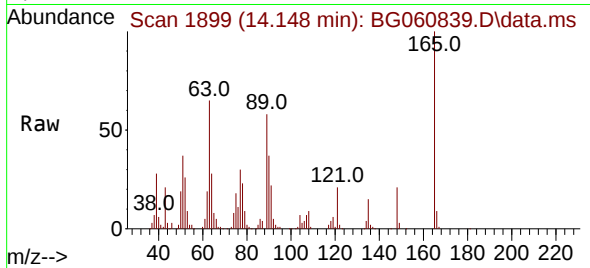
ClientSampleId :

PB160074BS

Tgt Ion:165 Resp: 11615
Ion Ratio Lower Upper
165 100
63 65.0 58.2 87.4
89 58.1 46.1 69.1

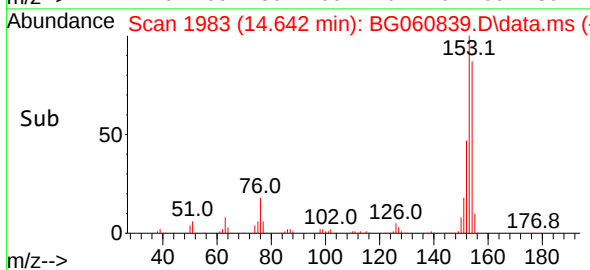
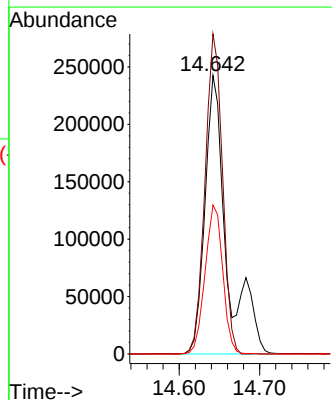
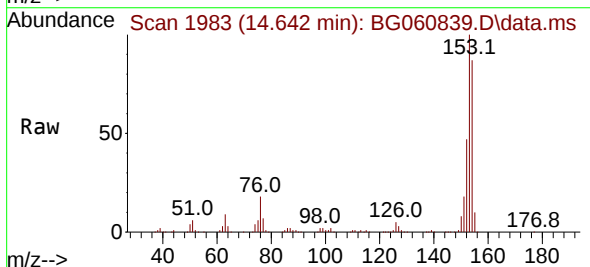
Manual Integrations
APPROVED

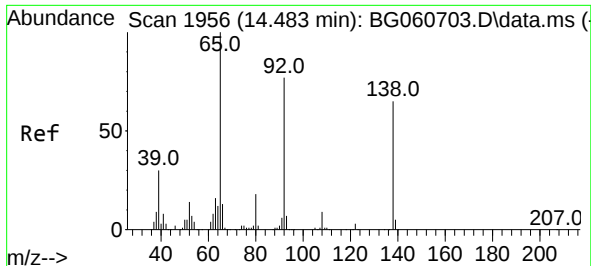
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#52
Acenaphthene
Concen: 50.185 ng m
RT: 14.642 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:154 Resp: 456408
Ion Ratio Lower Upper
154 100
153 114.9 93.9 140.9
152 53.5 44.1 66.1





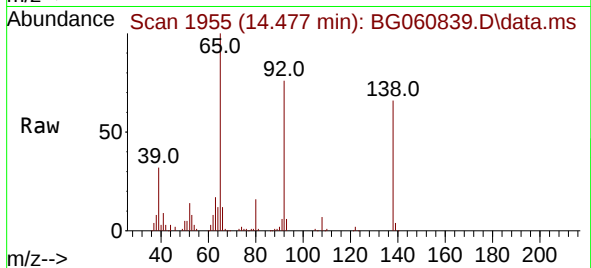
#53
3-Nitroaniline
Concen: 32.551 ng
RT: 14.477 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS



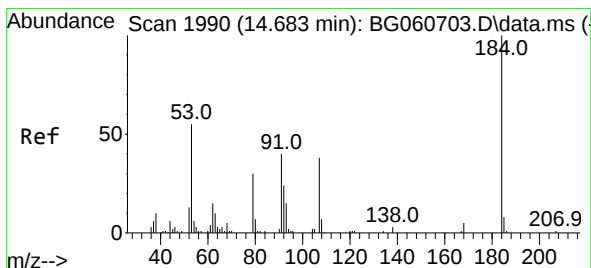
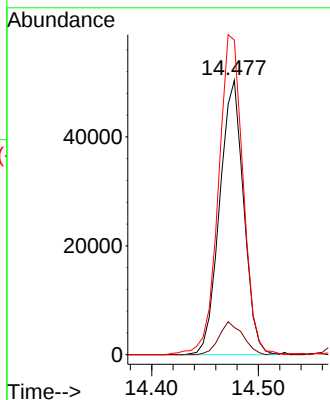
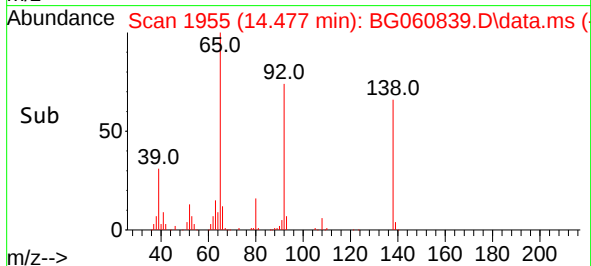
Tgt Ion:138 Resp: 78745
Ion Ratio Lower Upper
138 100
108 9.9 11.3 16.9
92 114.7 94.1 141.1

Manual Integrations

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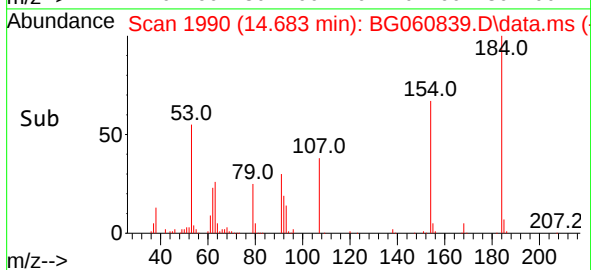
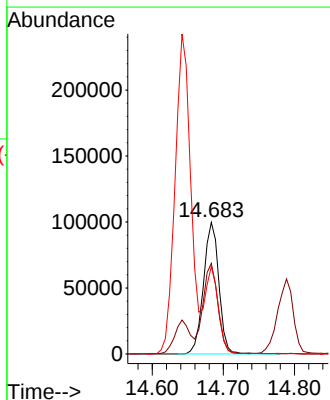
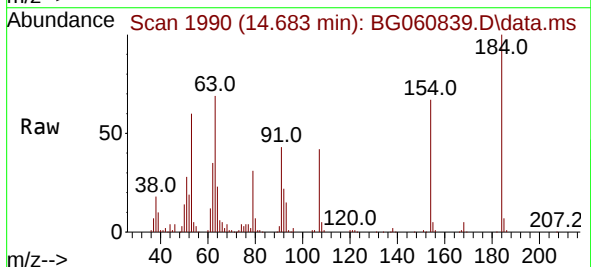
Reviewed By :Yogesh Patel 04/10/2024

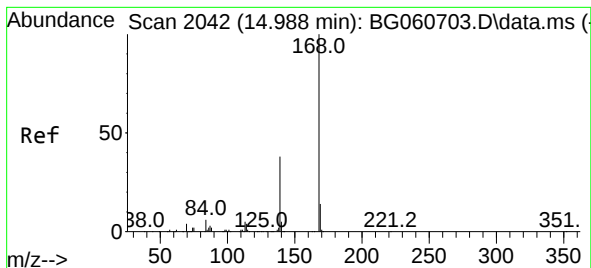
Supervised By :mohammad ahmed 04/10/2024



#54
2,4-Dinitrophenol
Concen: 170.075 ng
RT: 14.683 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:184 Resp: 150308
Ion Ratio Lower Upper
184 100
63 68.8 51.3 76.9
154 66.7 59.9 89.9





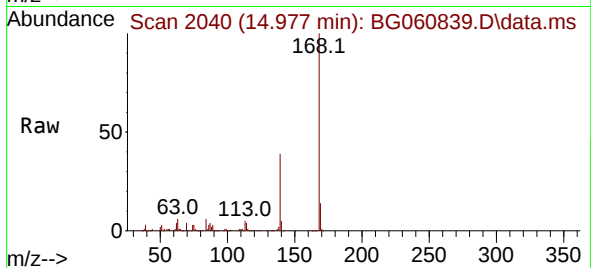
#55
Dibenzenofuran
Concen: 43.200 ng
RT: 14.977 min Scan# 2040
Delta R.T. -0.011 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS



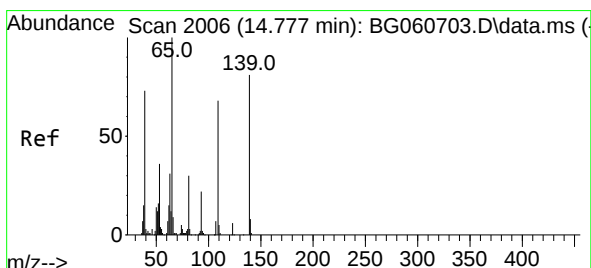
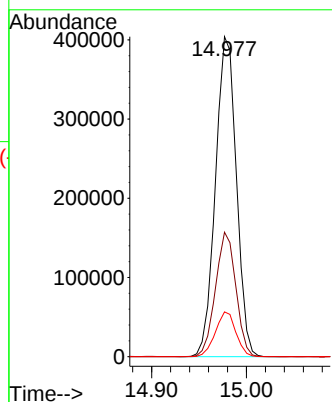
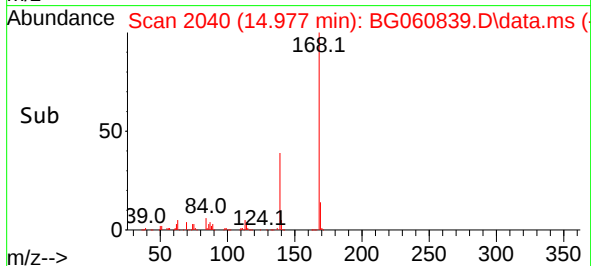
Tgt Ion:168 Resp: 619700
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1
169 14.0 11.0 16.4

Manual Integrations

APPROVED

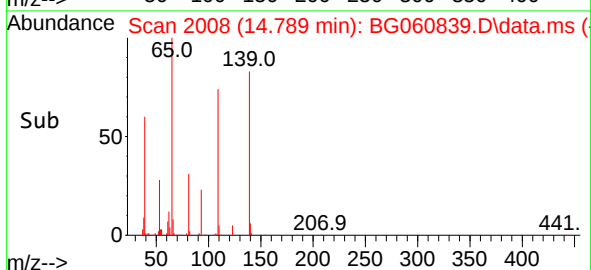
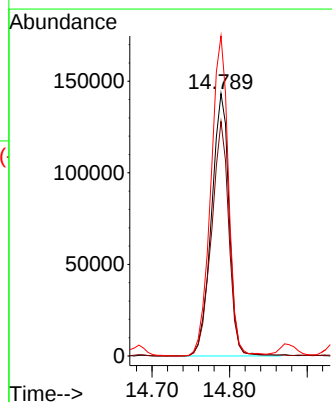
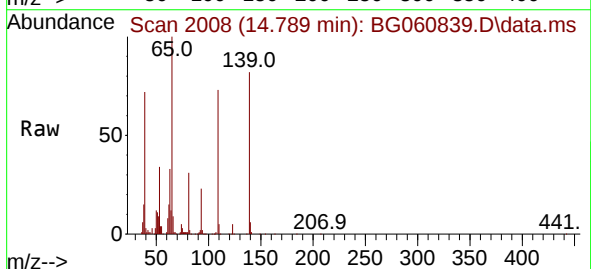
Reviewed By :Yogesh Patel 04/10/2024

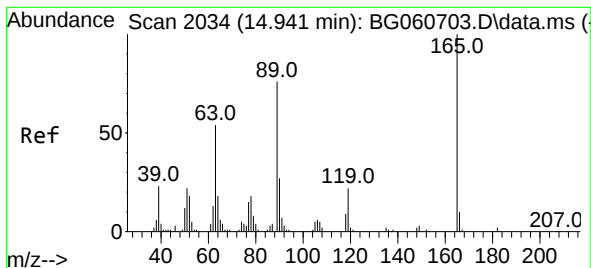
Supervised By :mohammad ahmed 04/10/2024



#56
4-Nitrophenol
Concen: 122.032 ng
RT: 14.789 min Scan# 2008
Delta R.T. 0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:139 Resp: 226507
Ion Ratio Lower Upper
139 100
109 89.4 64.0 104.0
65 121.9 104.3 144.3





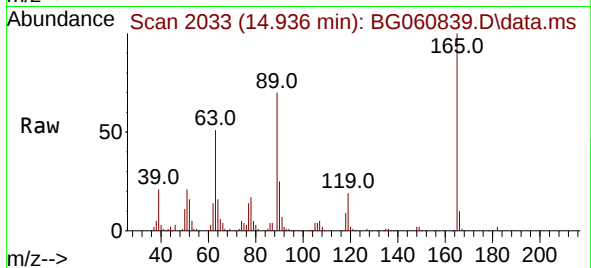
#57
2,4-Dinitrotoluene
Concen: 57.845 ng
RT: 14.936 min Scan# 2034
Delta R.T. -0.005 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS



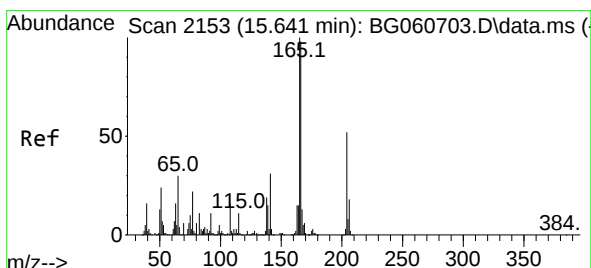
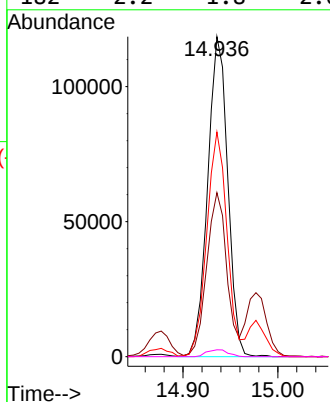
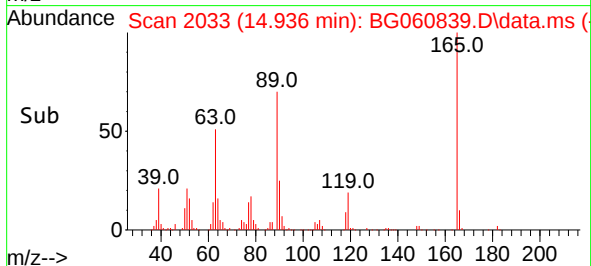
Tgt Ion:165 Resp: 174909
Ion Ratio Lower Upper
165 100
63 51.3 43.4 65.0
89 70.2 61.0 91.6
182 2.2 1.8 2.6

Manual Integrations

APPROVED

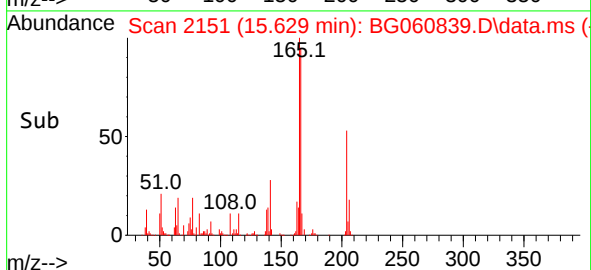
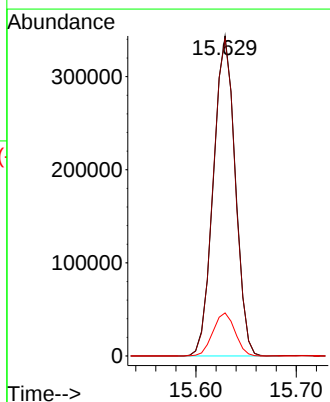
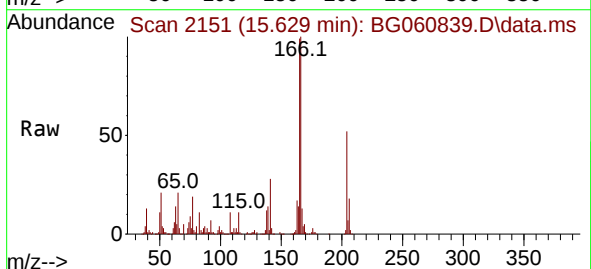
Reviewed By :Yogesh Patel 04/10/2024

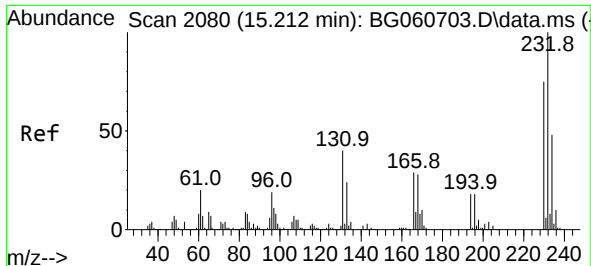
Supervised By :mohammad ahmed 04/10/2024



#58
Fluorene
Concen: 45.040 ng
RT: 15.629 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:166 Resp: 518542
Ion Ratio Lower Upper
166 100
165 99.1 81.8 122.8
167 13.5 10.9 16.3





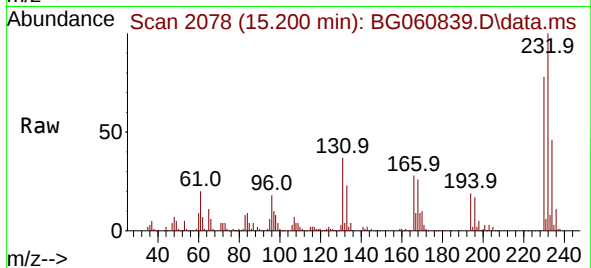
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.141 ng
RT: 15.200 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS



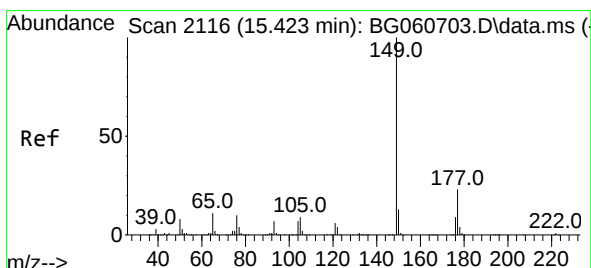
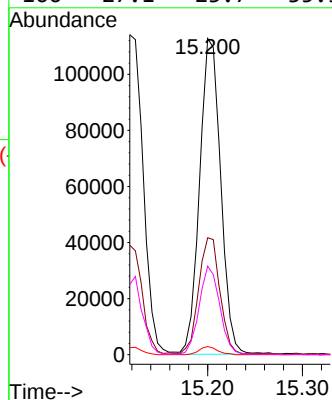
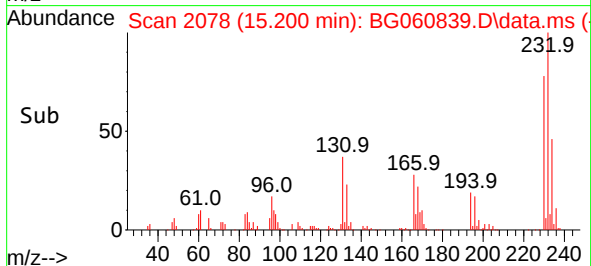
Tgt Ion:232 Resp: 173629
Ion Ratio Lower Upper
232 100
131 37.0 32.2 48.2
130 2.2 2.1 3.1
166 27.1 23.7 35.5

Manual Integrations

APPROVED

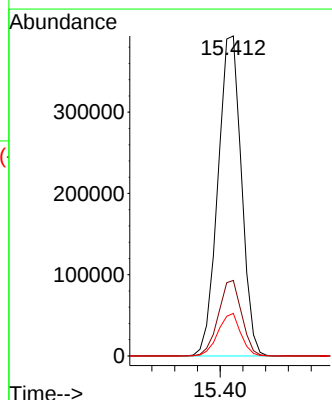
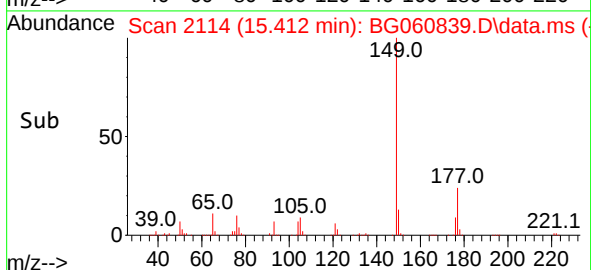
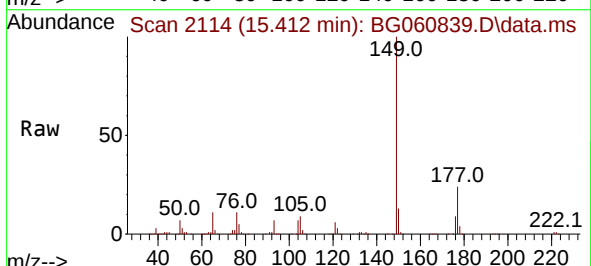
Reviewed By :Yogesh Patel 04/10/2024

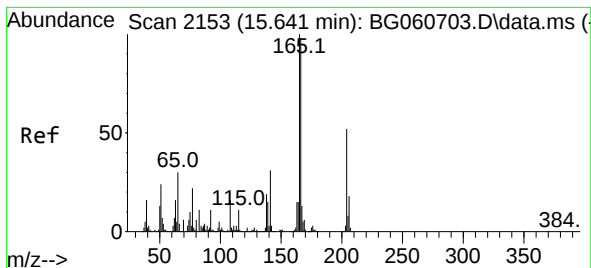
Supervised By :mohammad ahmed 04/10/2024



#60
Diethylphthalate
Concen: 44.253 ng
RT: 15.412 min Scan# 2114
Delta R.T. -0.011 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

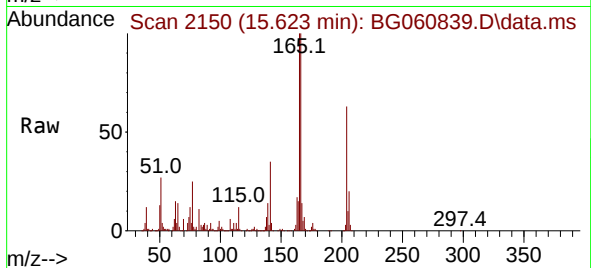
Tgt Ion:149 Resp: 565290
Ion Ratio Lower Upper
149 100
177 23.6 18.0 27.0
150 13.3 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 44.860 ng
RT: 15.623 min Scan# 2150
Delta R.T. -0.018 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

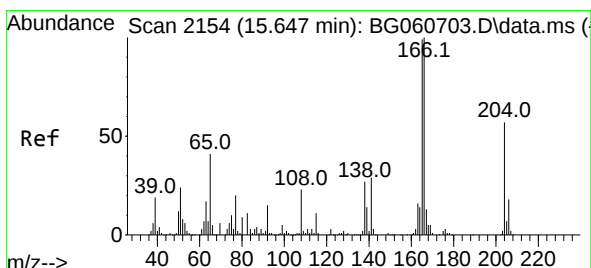
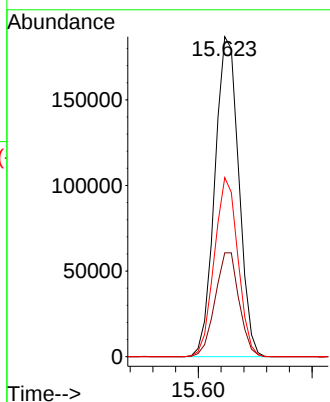
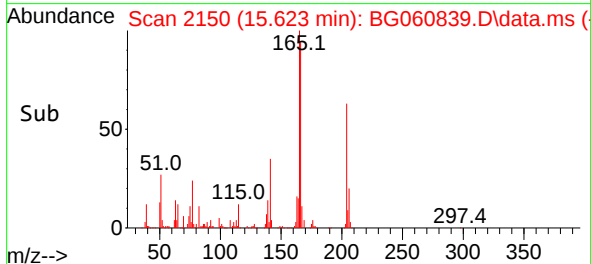
Instrument :
BNA_G
ClientSampleId :
PB160074BS



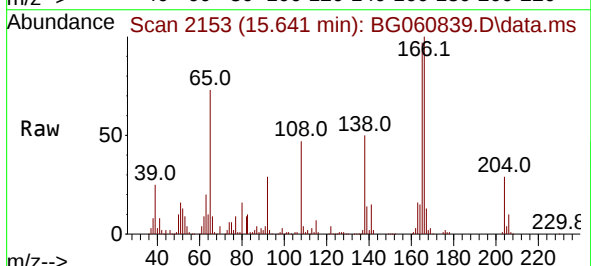
Tgt Ion:204 Resp: 273238
Ion Ratio Lower Upper
204 100
206 32.5 28.3 42.5
141 55.9 47.2 70.8

Manual Integrations
APPROVED

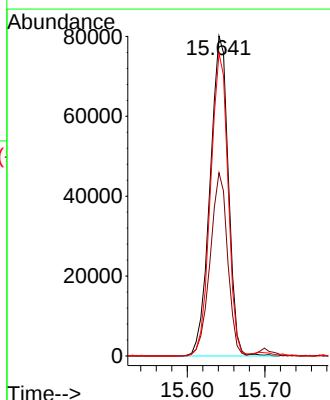
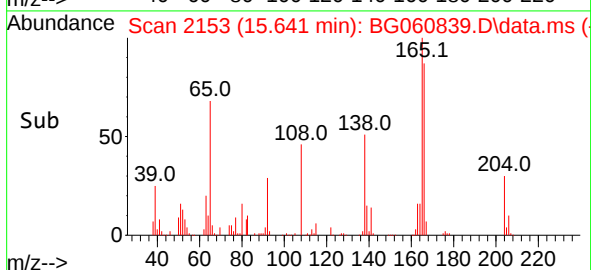
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

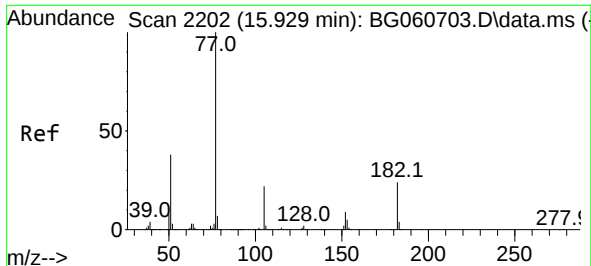


#62
4-Nitroaniline
Concen: 56.534 ng
RT: 15.641 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51



Tgt Ion:138 Resp: 131237
Ion Ratio Lower Upper
138 100
92 57.2 36.8 76.8
108 94.6 66.9 106.9





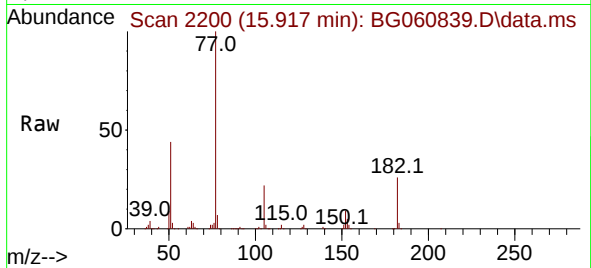
#63
Azobenzene
Concen: 42.671 ng
RT: 15.917 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

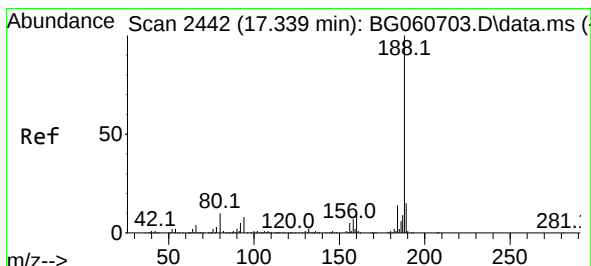
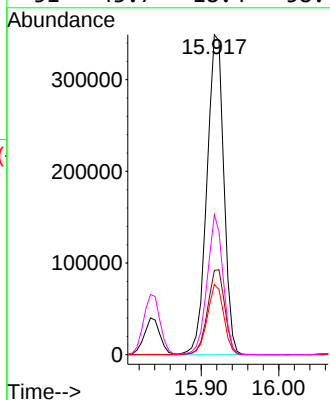
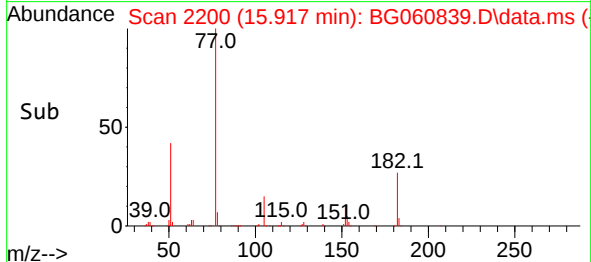


Tgt Ion: 77 Resp: 531150
Ion Ratio Lower Upper
77 100
182 26.4 3.9 43.9
105 22.0 1.7 41.7
51 43.7 18.4 58.4

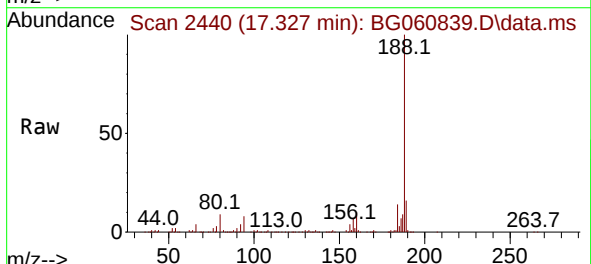
Manual Integrations

APPROVED

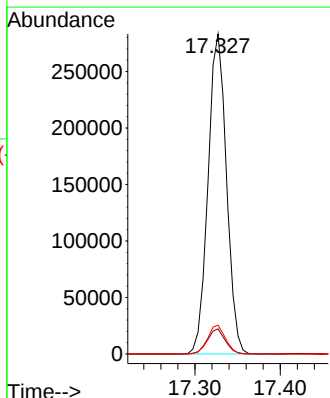
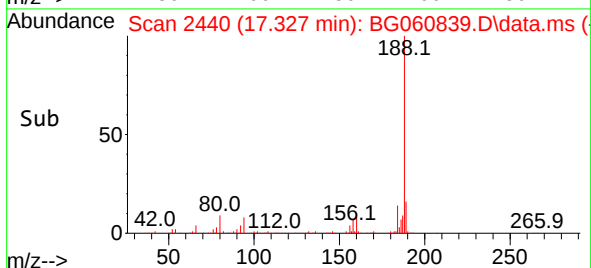
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

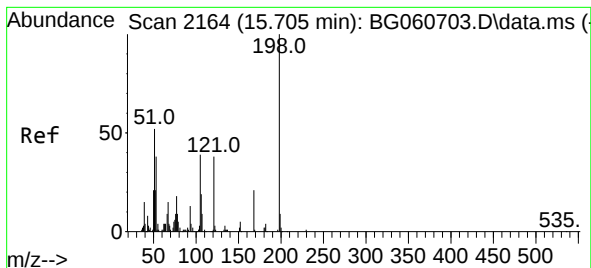


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2440
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51



Tgt Ion:188 Resp: 426073
Ion Ratio Lower Upper
188 100
94 7.8 6.6 9.8
80 9.0 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 57.889 ng
RT: 15.700 min Scan# 2164
Delta R.T. -0.005 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

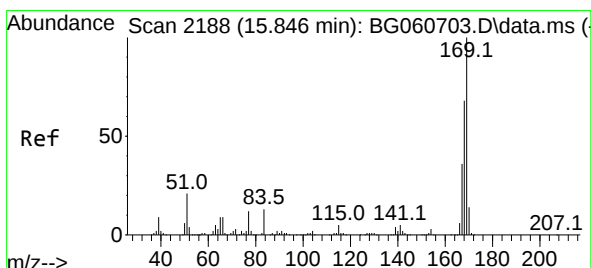
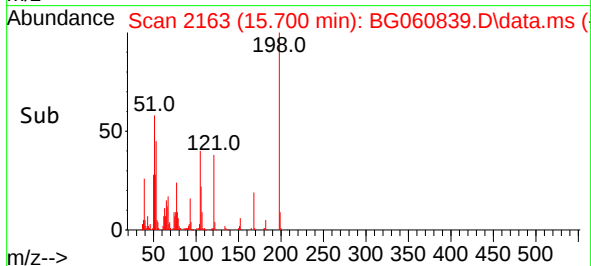
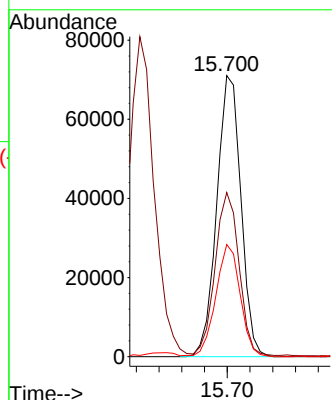
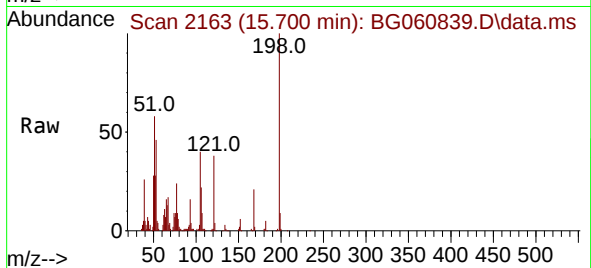
ClientSampleId :

PB160074BS

Tgt Ion:198 Resp: 104775
Ion Ratio Lower Upper
198 100
51 58.4 36.7 76.7
105 39.9 19.1 59.1

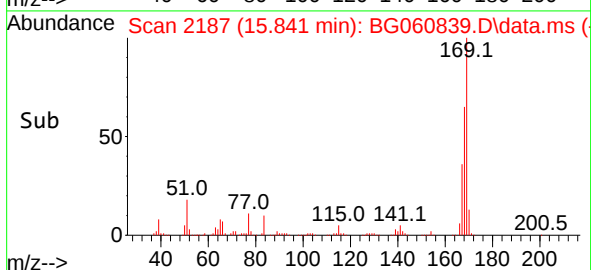
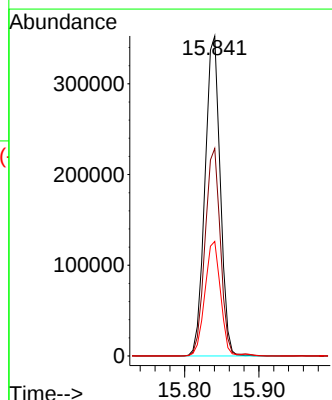
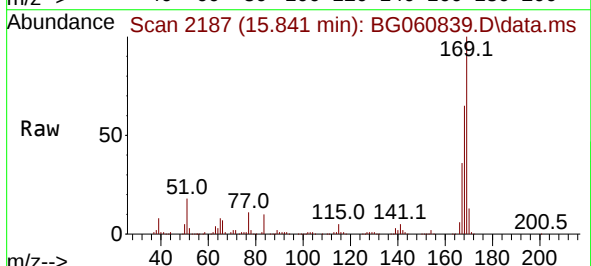
Manual Integrations
APPROVED

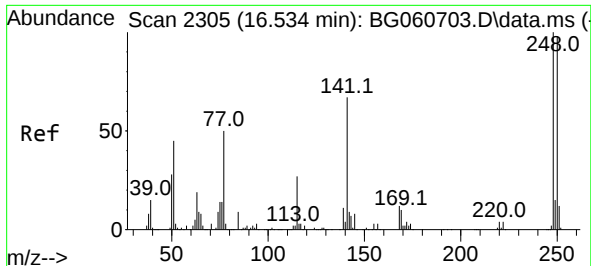
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#66
n-Nitrosodiphenylamine
Concen: 41.199 ng
RT: 15.841 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:169 Resp: 501626
Ion Ratio Lower Upper
169 100
168 64.9 54.5 81.7
167 35.8 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 45.495 ng
RT: 16.522 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

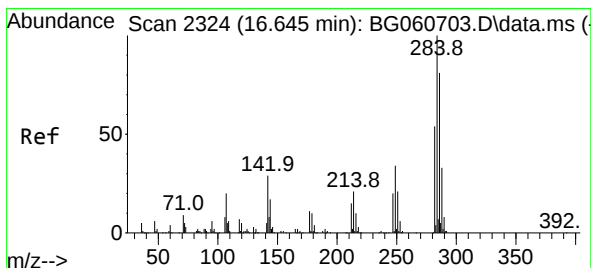
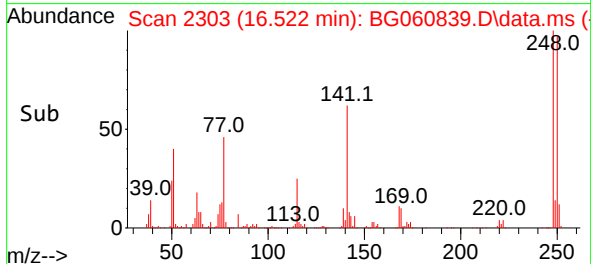
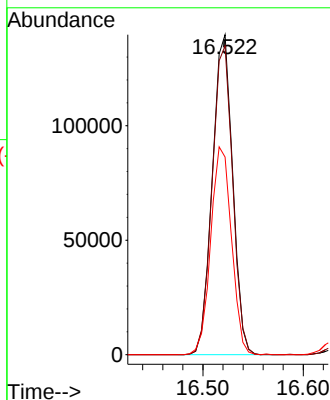
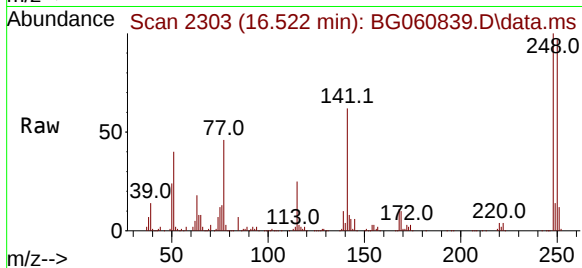
PB160074BS

Tgt Ion:248 Resp: 19672
Ion Ratio Lower Upper
248 100
250 96.5 78.3 117.5
141 61.8 53.7 80.5

Manual Integrations

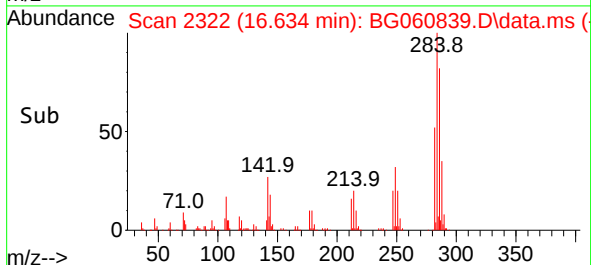
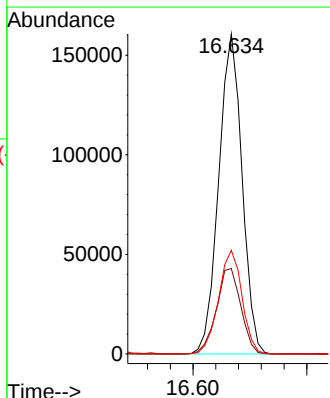
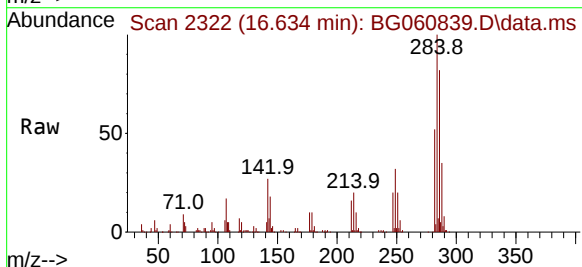
APPROVED

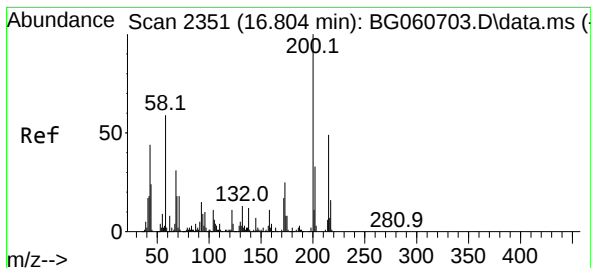
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#68
Hexachlorobenzene
Concen: 46.889 ng
RT: 16.634 min Scan# 2322
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:284 Resp: 228883
Ion Ratio Lower Upper
284 100
142 26.7 22.9 34.3
249 32.4 27.1 40.7





#69

Atrazine

Concen: 48.641 ng

RT: 16.792 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG060839.D

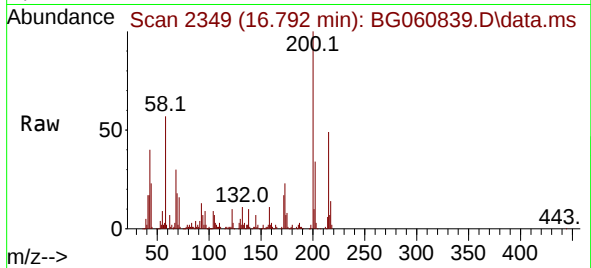
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS



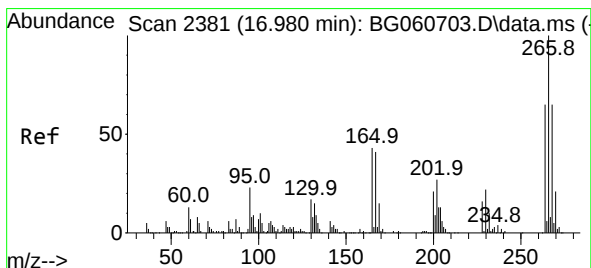
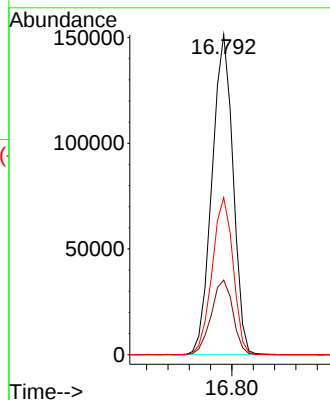
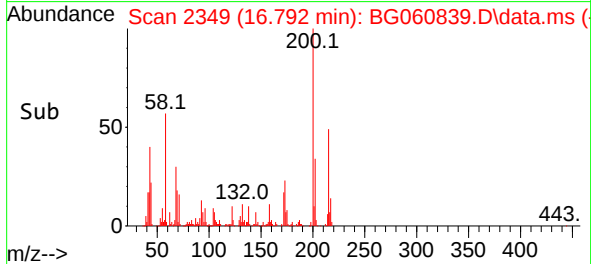
Tgt Ion:	200	Resp:	20710
Ion Ratio	Lower	Upper	
200	100		
173	23.3	5.2	45.2
215	49.1	28.8	68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#70

Pentachlorophenol

Concen: 102.936 ng

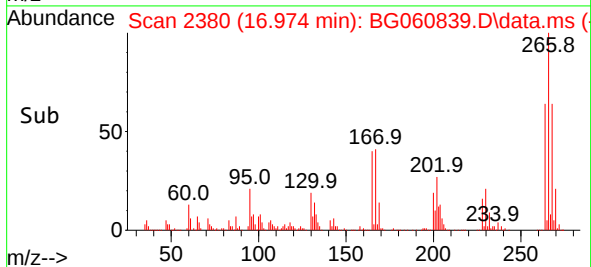
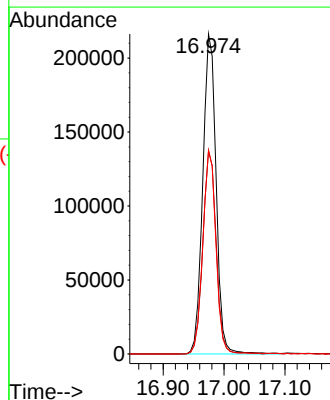
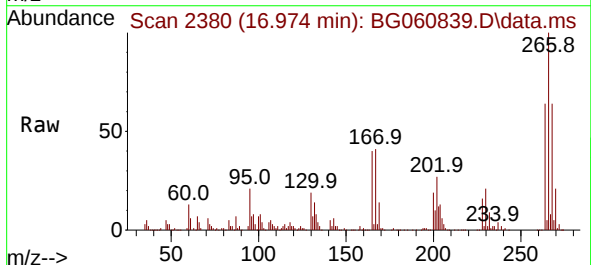
RT: 16.974 min Scan# 2380

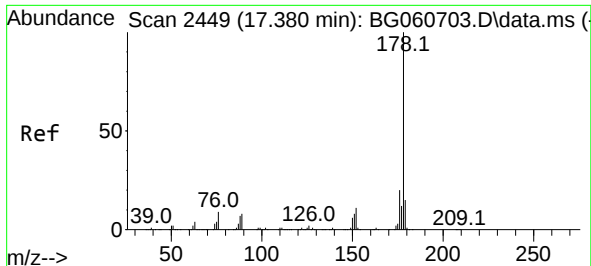
Delta R.T. -0.006 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

Tgt Ion:	266	Resp:	327859
Ion Ratio	Lower	Upper	
266	100		
268	63.5	52.2	78.4
264	63.6	51.8	77.6





#71
Phenanthrene
Concen: 43.417 ng
RT: 17.368 min Scan# 2449
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

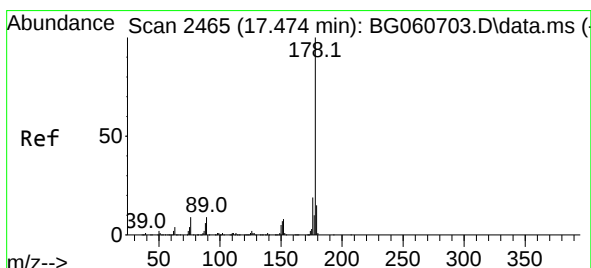
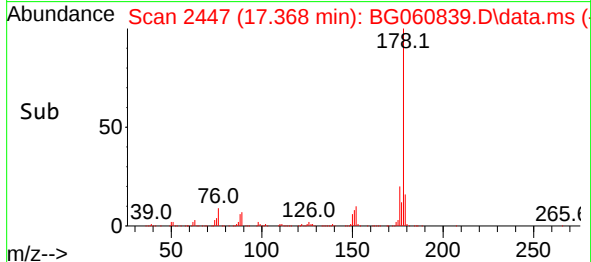
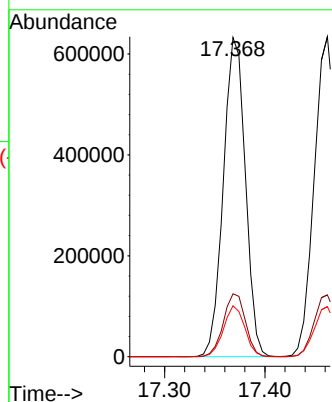
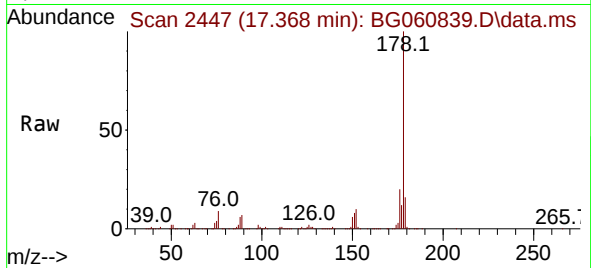
PB160074BS

Tgt Ion:178 Resp: 962091
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.9 12.2 18.4

Manual Integrations

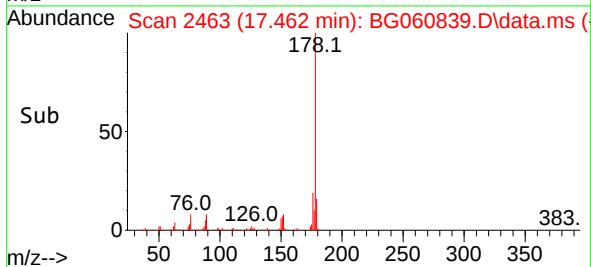
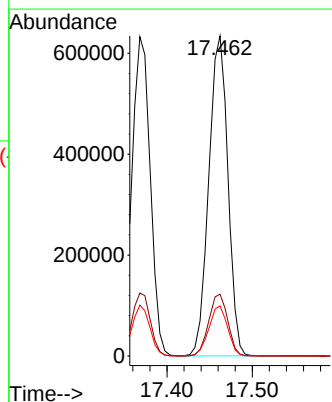
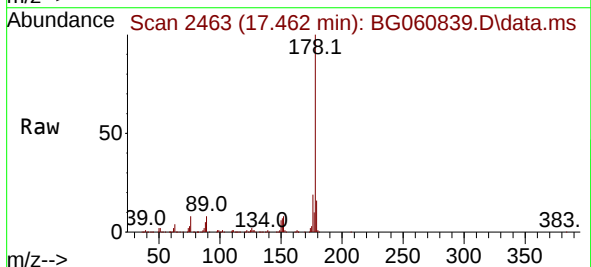
APPROVED

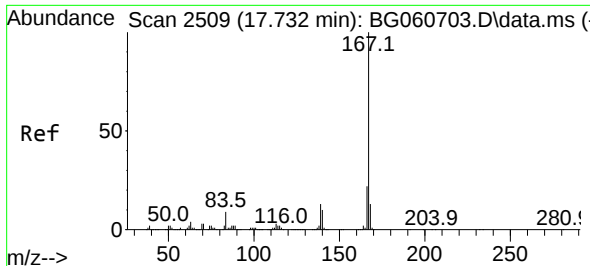
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#72
Anthracene
Concen: 43.830 ng
RT: 17.462 min Scan# 2463
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:178 Resp: 986356
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.7 12.2 18.2





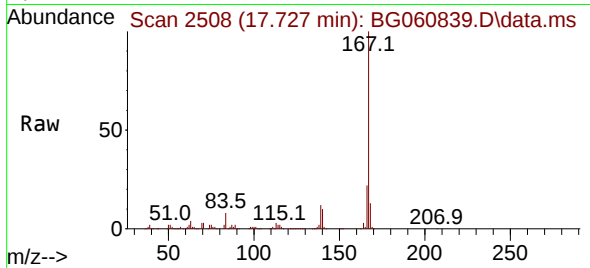
#73
Carbazole
Concen: 45.356 ng
RT: 17.727 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS



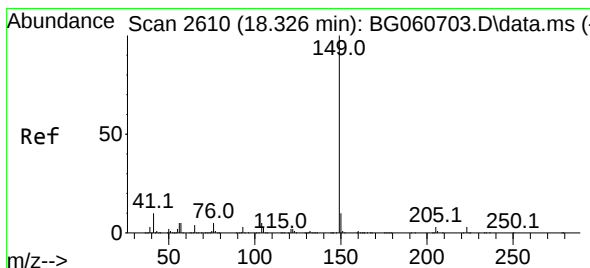
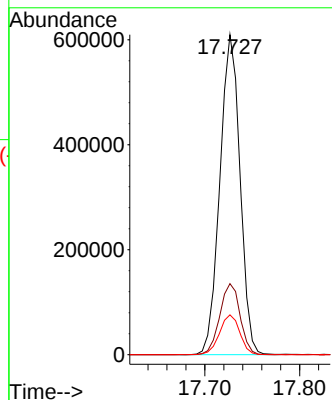
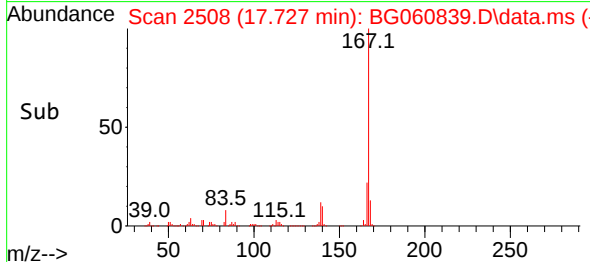
Tgt Ion:167 Resp: 89993
Ion Ratio Lower Upper
167 100
166 22.2 18.0 27.0
139 12.4 10.5 15.7

Manual Integrations

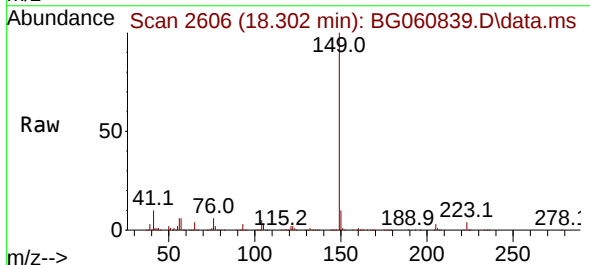
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

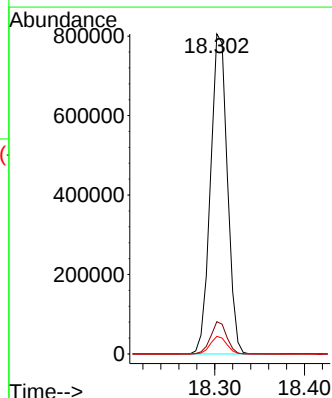
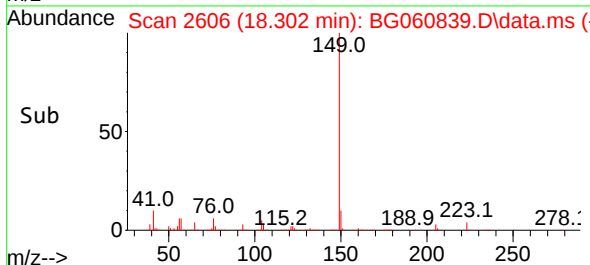
Supervised By :mohammad ahmed 04/10/2024

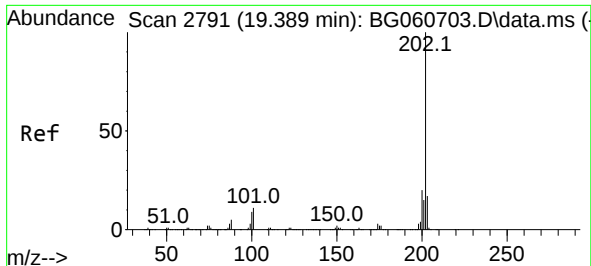


#74
Di-n-butylphthalate
Concen: 42.494 ng
RT: 18.302 min Scan# 2606
Delta R.T. -0.024 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51



Tgt Ion:149 Resp: 1051161
Ion Ratio Lower Upper
149 100
150 10.1 7.7 11.5
104 5.5 4.2 6.4





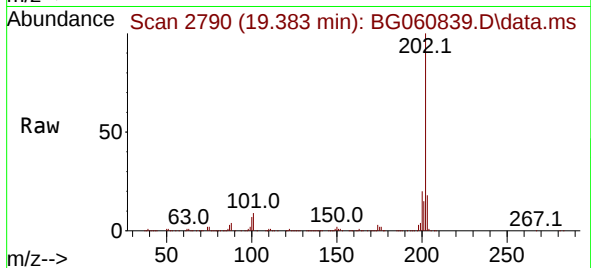
#75
Fluoranthene
Concen: 45.602 ng
RT: 19.383 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS



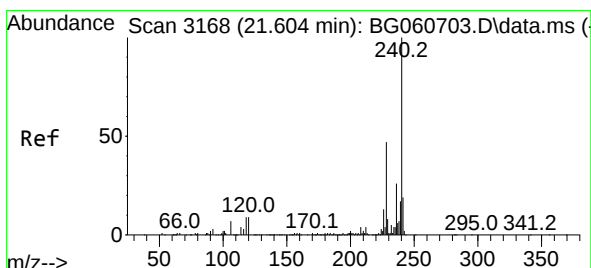
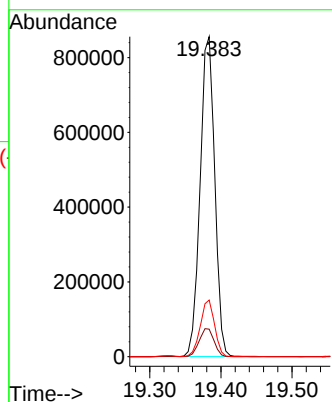
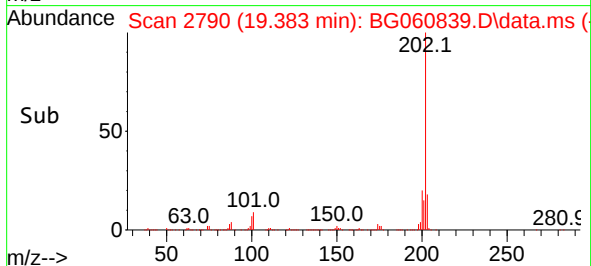
Tgt Ion:202 Resp: 122618
Ion Ratio Lower Upper
202 100
101 8.6 0.0 30.8
203 17.7 0.0 37.4

Manual Integrations

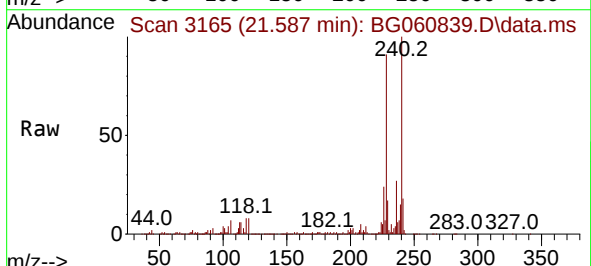
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

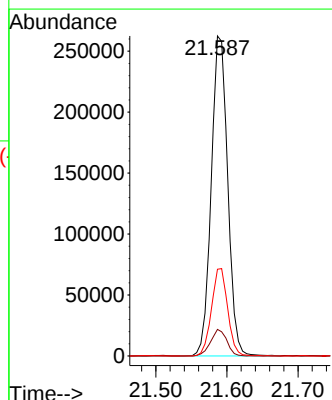
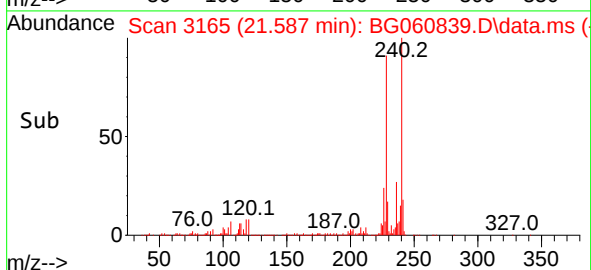
Supervised By :mohammad ahmed 04/10/2024

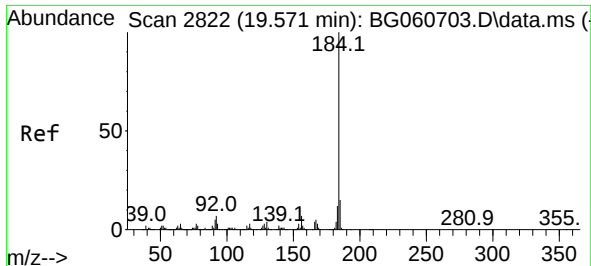


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 3165
Delta R.T. -0.018 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51



Tgt Ion:240 Resp: 421257
Ion Ratio Lower Upper
240 100
120 8.3 7.1 10.7
236 27.1 20.7 31.1





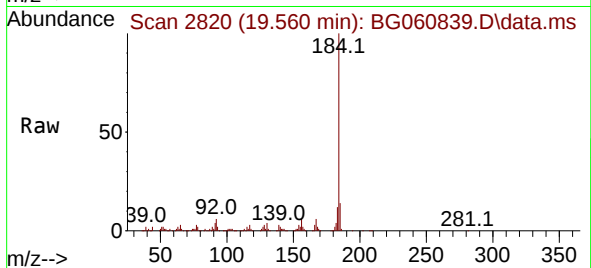
#77
Benzidine
Concen: 30.129 ng
RT: 19.560 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS



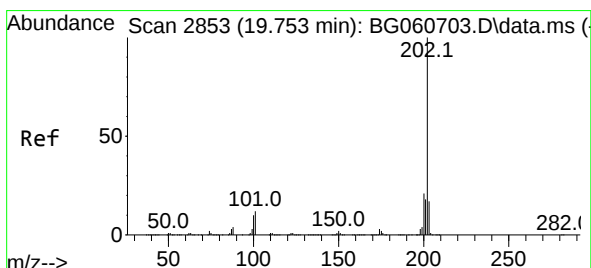
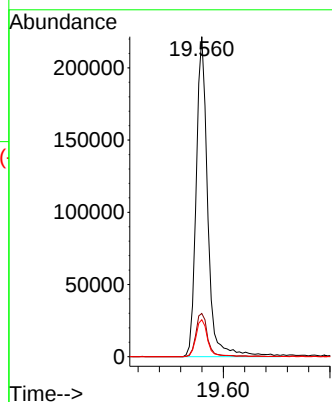
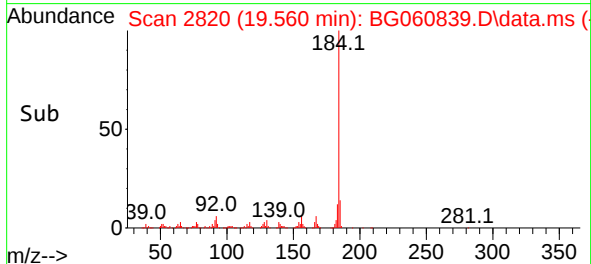
Tgt Ion:184 Resp: 33421
Ion Ratio Lower Upper
184 100
185 13.5 11.8 17.6
183 11.5 9.5 14.3

Manual Integrations

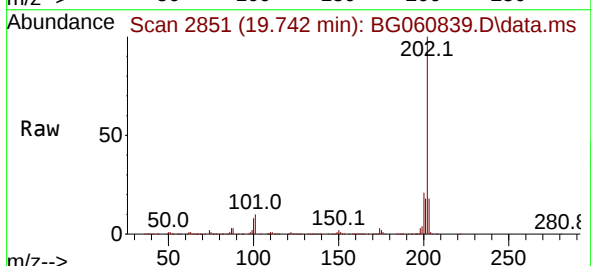
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

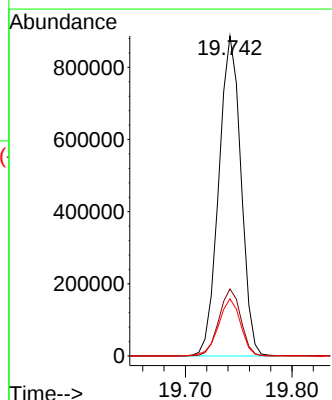
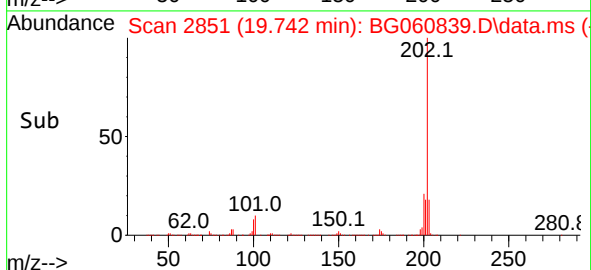
Supervised By :mohammad ahmed 04/10/2024

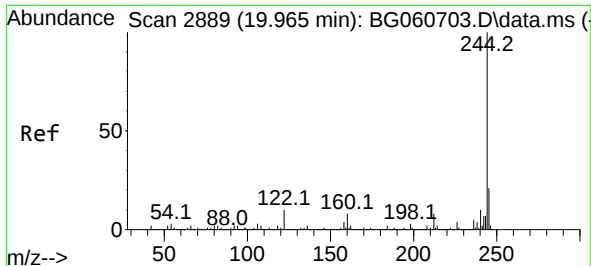


#78
Pyrene
Concen: 43.430 ng
RT: 19.742 min Scan# 2851
Delta R.T. -0.012 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51



Tgt Ion:202 Resp: 1279535
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.8 14.0 21.0





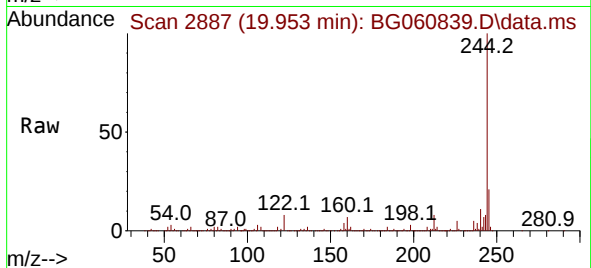
#79
 Terphenyl-d14
 Concen: 83.284 ng
 RT: 19.953 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG060839.D
 Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS



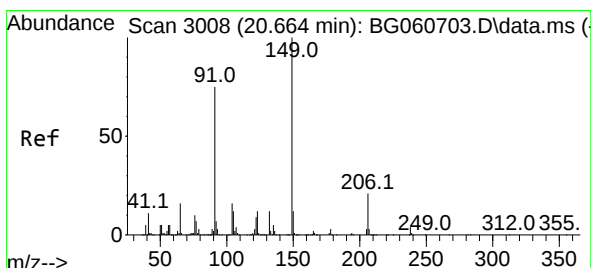
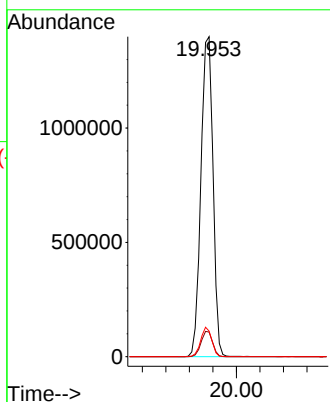
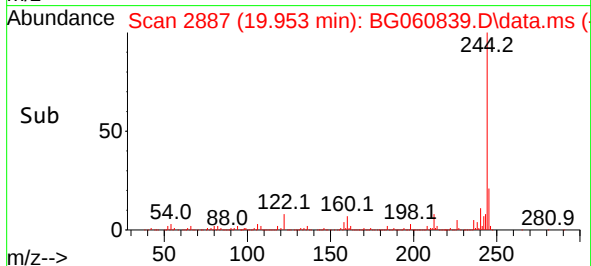
Tgt Ion:244 Resp: 199245
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 8.0 7.8 11.8

Manual Integrations

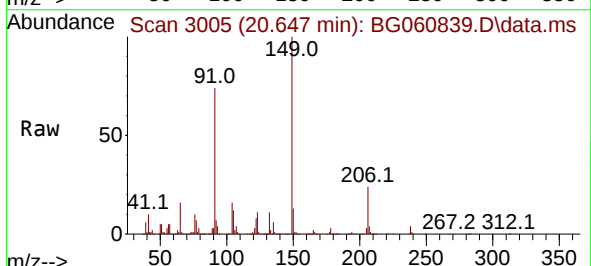
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

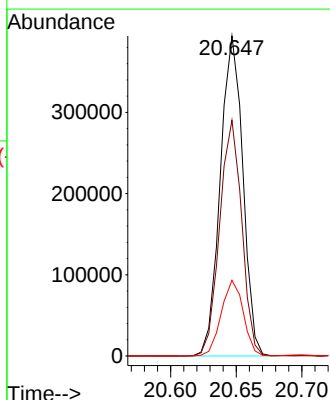
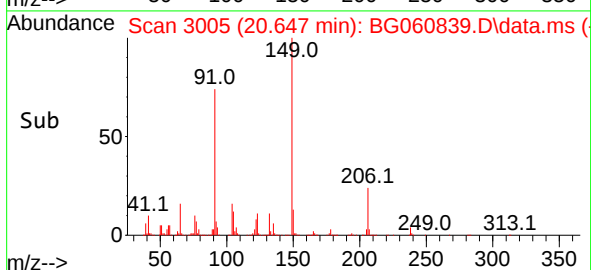
Supervised By :mohammad ahmed 04/10/2024

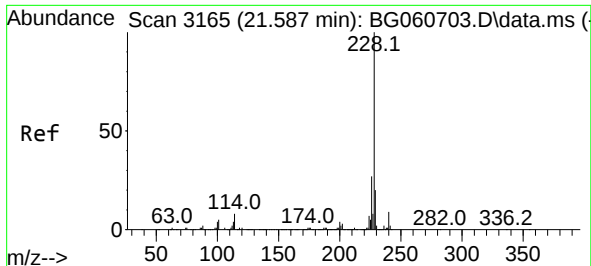


#80
 Butylbenzylphthalate
 Concen: 43.793 ng
 RT: 20.647 min Scan# 3005
 Delta R.T. -0.018 min
 Lab File: BG060839.D
 Acq: 9 Apr 2024 10:51



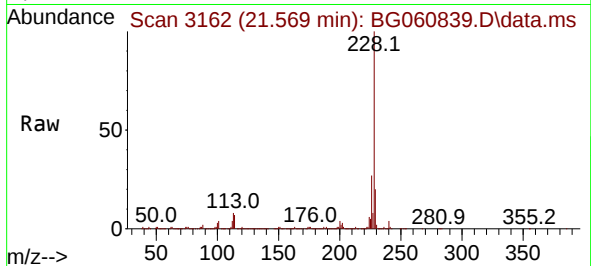
Tgt Ion:149 Resp: 470651
 Ion Ratio Lower Upper
 149 100
 91 73.6 60.1 90.1
 206 23.7 16.8 25.2





#81
Benzo(a)anthracene
Concen: 45.170 ng
RT: 21.569 min Scan# 3162
Delta R.T. -0.018 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

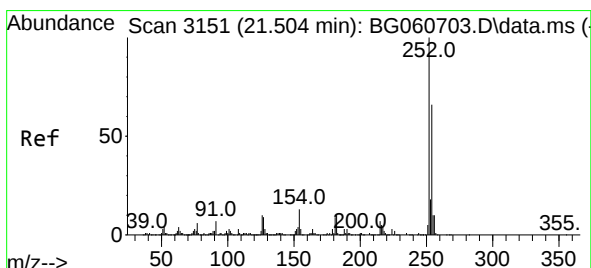
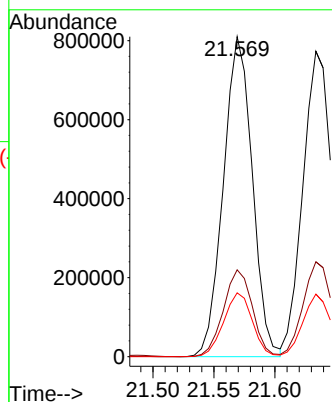
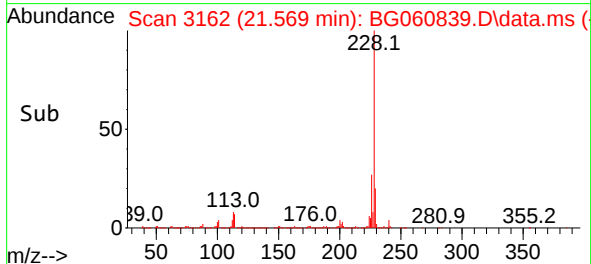
Instrument :
BNA_G
ClientSampleId :
PB160074BS



Tgt Ion:228 Resp: 1341299
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 20.0 15.8 23.8

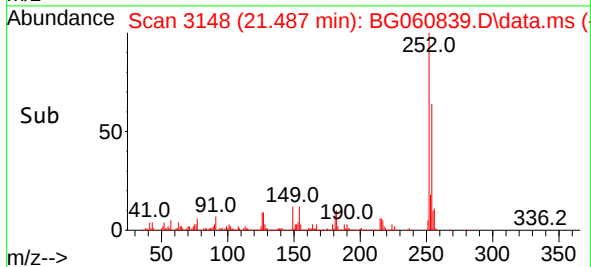
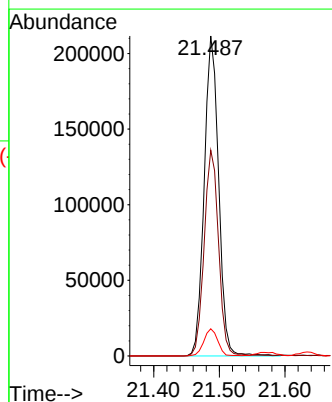
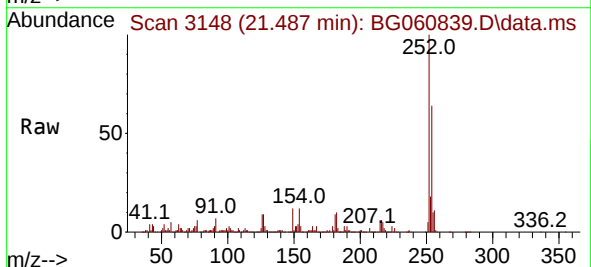
Manual Integrations
APPROVED

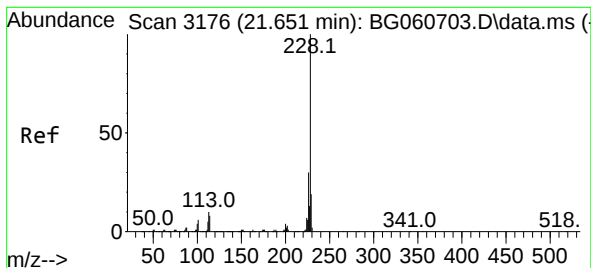
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#82
3,3'-Dichlorobenzidine
Concen: 32.390 ng
RT: 21.487 min Scan# 3148
Delta R.T. -0.018 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:252 Resp: 324757
Ion Ratio Lower Upper
252 100
254 64.3 52.6 78.8
126 8.5 7.8 11.8





#83

Chrysene

Concen: 44.556 ng

RT: 21.634 min Scan# 3176

Delta R.T. -0.018 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS

Tgt Ion:228 Resp: 127522

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.4

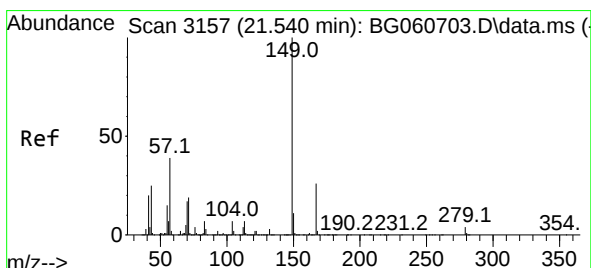
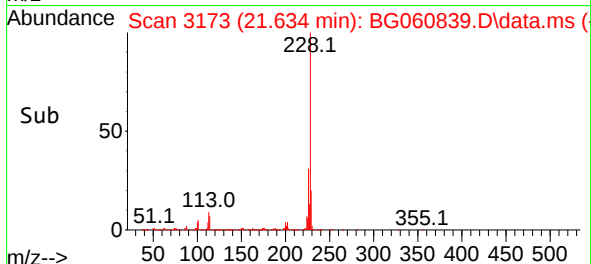
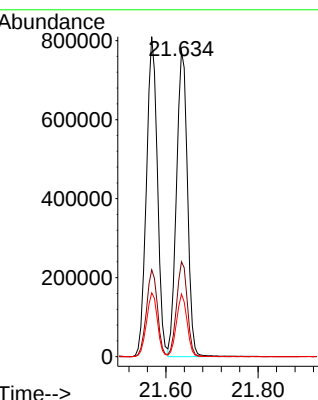
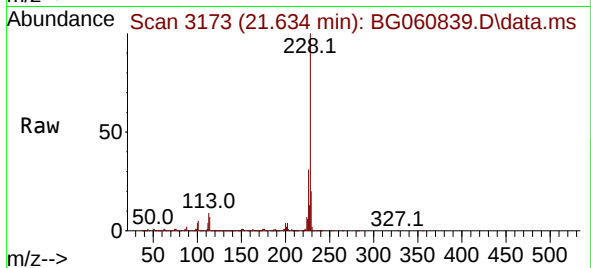
229 20.5 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.917 ng

RT: 21.510 min Scan# 3152

Delta R.T. -0.029 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

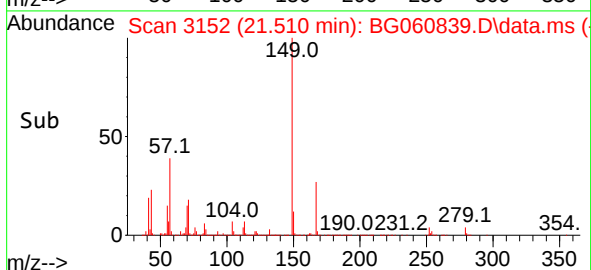
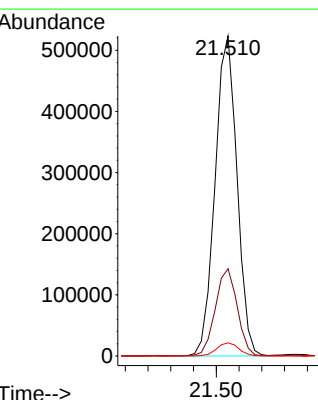
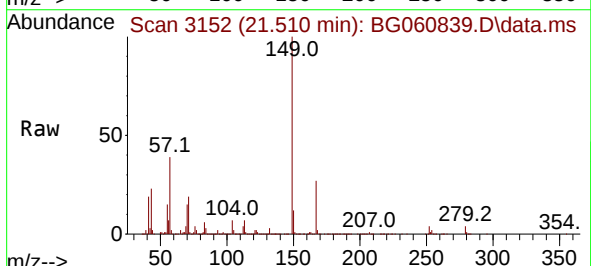
Tgt Ion:149 Resp: 700897

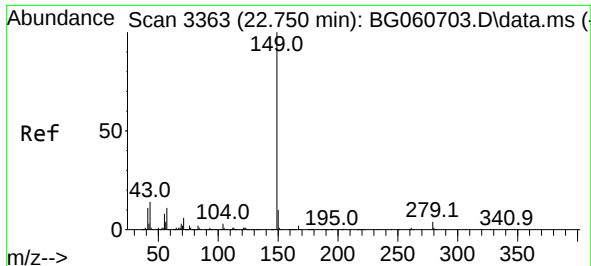
Ion Ratio Lower Upper

149 100

167 27.3 20.6 30.8

279 4.1 3.0 4.4





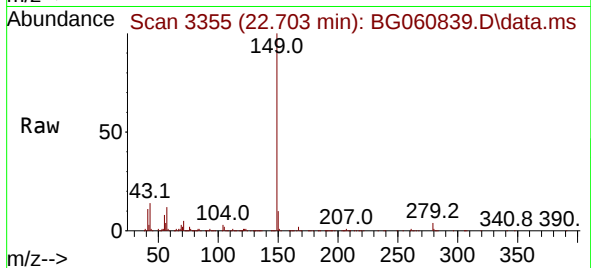
#85
Di-n-octyl phthalate
Concen: 43.140 ng
RT: 22.703 min Scan# 31
Delta R.T. -0.047 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS



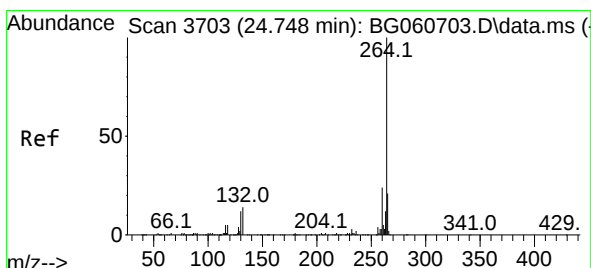
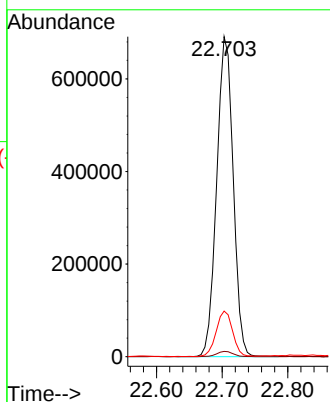
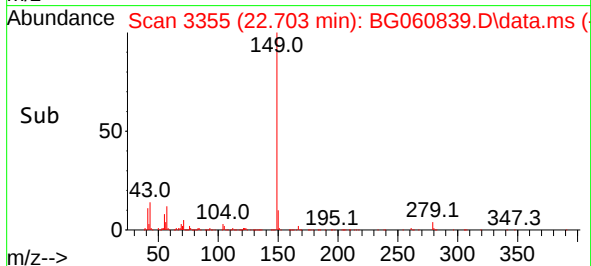
Tgt Ion:149 Resp: 120385
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 14.2 11.3 16.9

Manual Integrations

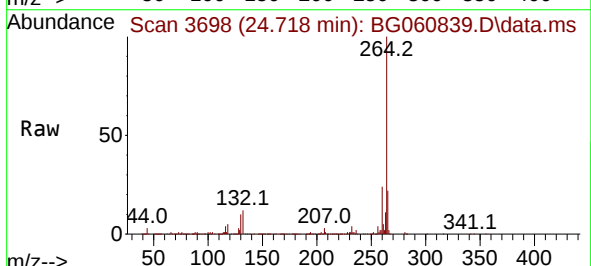
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

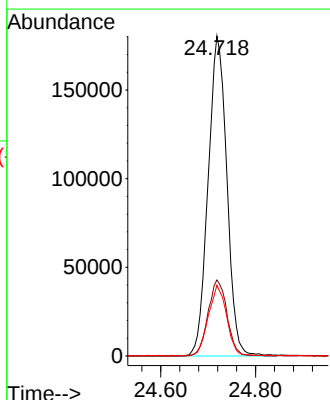
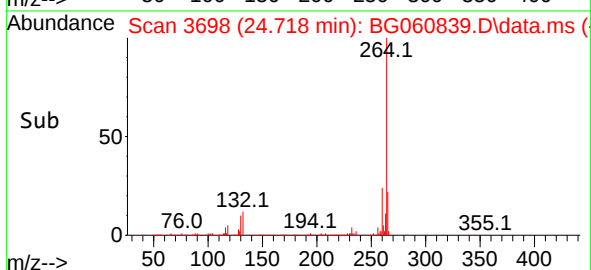
Supervised By :mohammad ahmed 04/10/2024

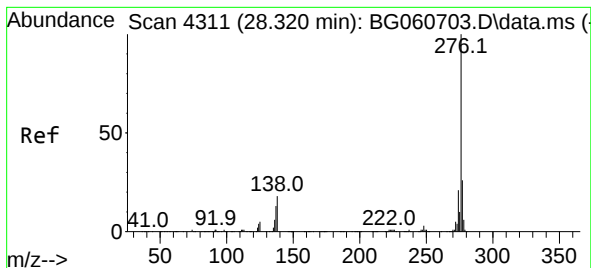


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.718 min Scan# 3698
Delta R.T. -0.029 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51



Tgt Ion:264 Resp: 495123
Ion Ratio Lower Upper
264 100
260 23.7 19.5 29.3
265 22.1 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.061 ng

RT: 28.279 min Scan# 41

Delta R.T. -0.041 min

Lab File: BG060839.D

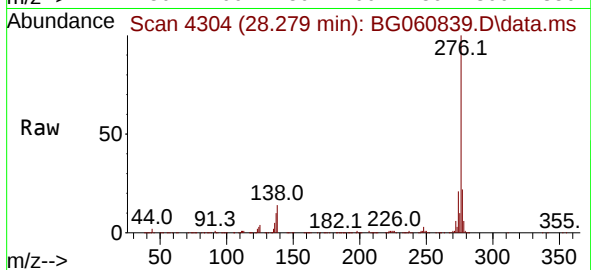
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS



Tgt Ion:276 Resp: 1640840

Ion Ratio Lower Upper

276 100

138 11.7 12.4 18.6

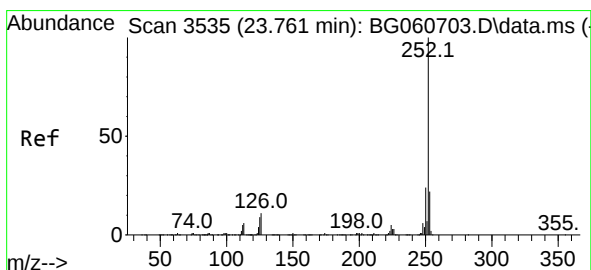
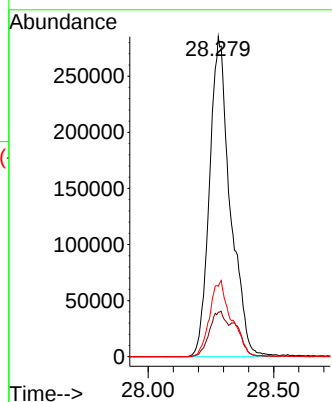
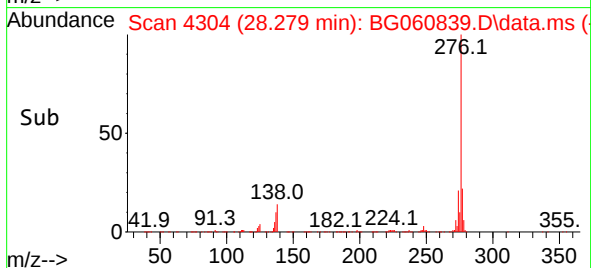
277 24.9 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#88

Benzo(b)fluoranthene

Concen: 46.237 ng

RT: 23.731 min Scan# 3530

Delta R.T. -0.029 min

Lab File: BG060839.D

Acq: 9 Apr 2024 10:51

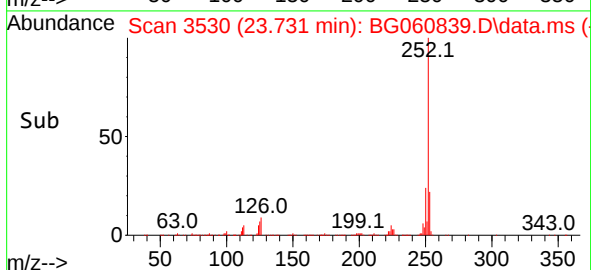
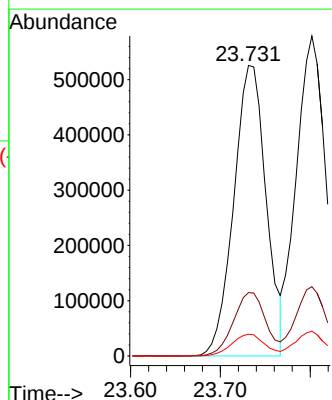
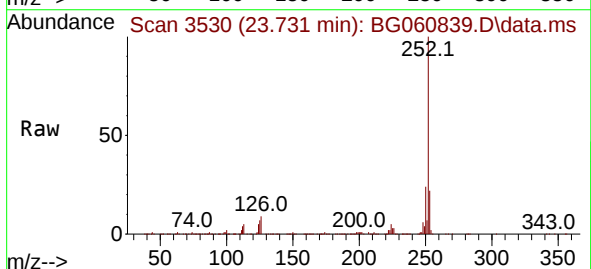
Tgt Ion:252 Resp: 1315199

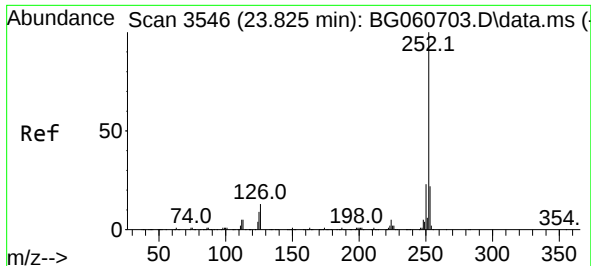
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 7.5 7.1 10.7





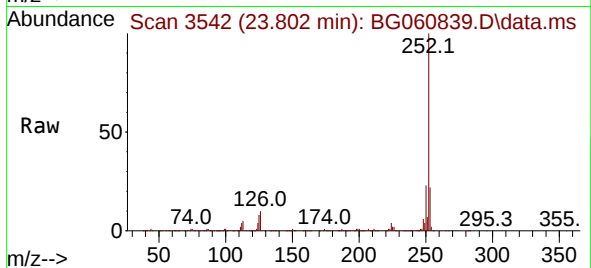
#89
Benzo(k)fluoranthene
Concen: 45.397 ng
RT: 23.802 min Scan# 3546
Delta R.T. -0.023 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Instrument :

BNA_G

ClientSampleId :

PB160074BS



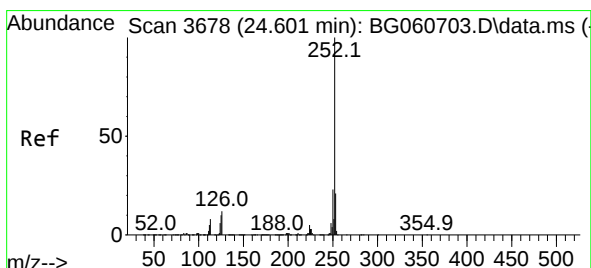
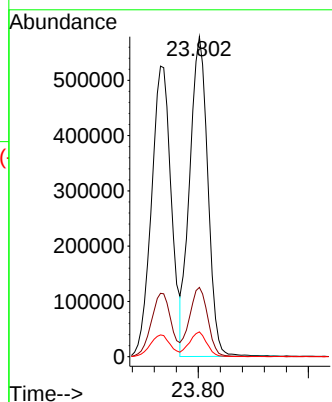
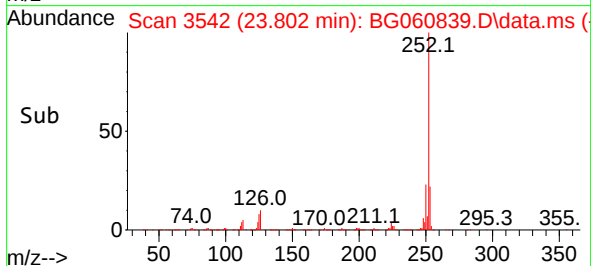
Tgt Ion:252 Resp: 1321708
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 7.7 7.5 11.3

Manual Integrations

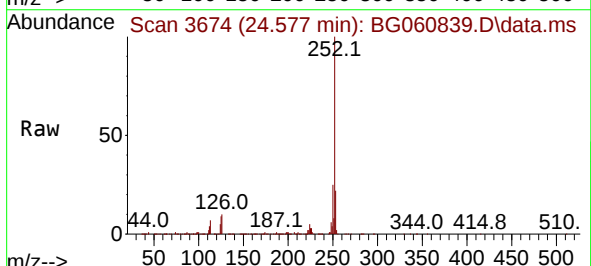
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

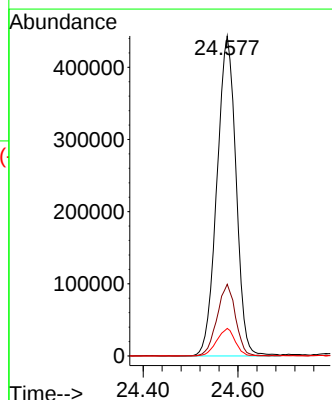
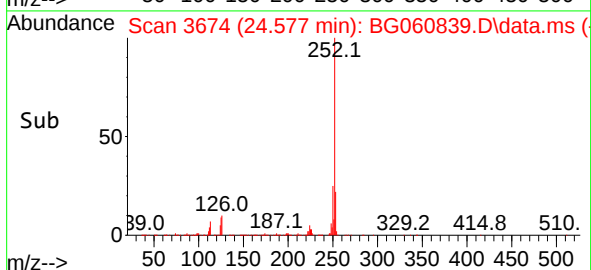
Supervised By :mohammad ahmed 04/10/2024

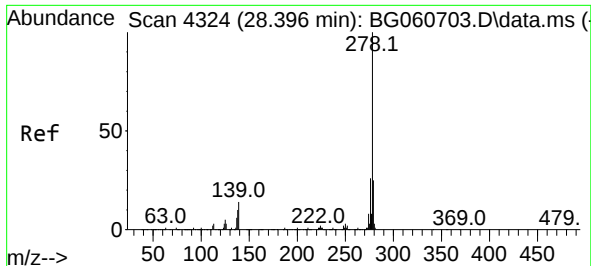


#90
Benzo(a)pyrene
Concen: 44.853 ng
RT: 24.577 min Scan# 3674
Delta R.T. -0.023 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51



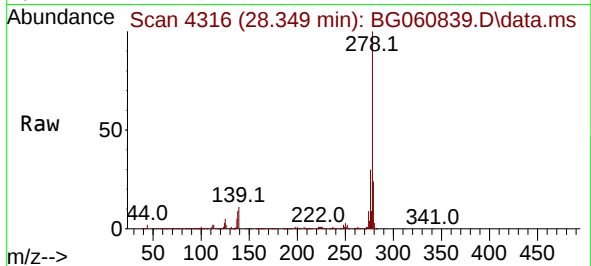
Tgt Ion:252 Resp: 1239871
Ion Ratio Lower Upper
252 100
253 22.4 16.8 25.2
125 8.6 7.6 11.4





#91
Dibenzo(a,h)anthracene
Concen: 45.577 ng
RT: 28.349 min Scan# 41
Delta R.T. -0.047 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

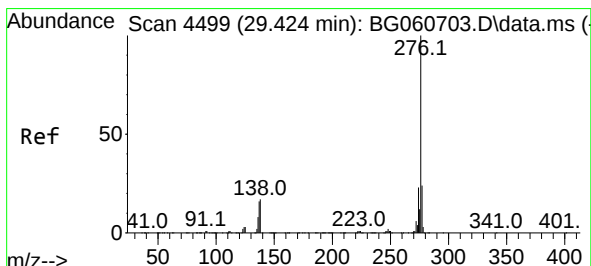
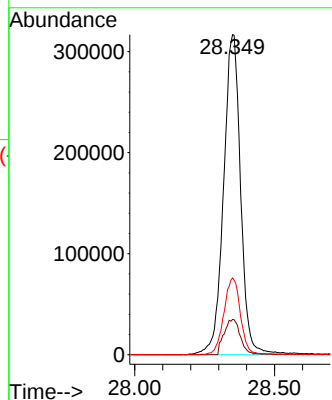
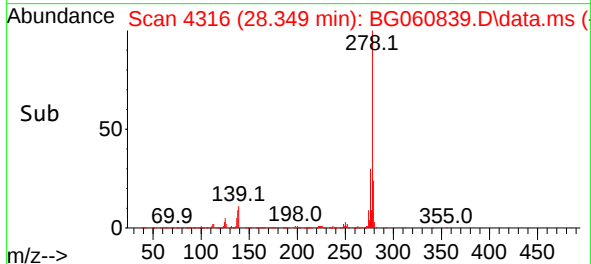
Instrument :
BNA_G
ClientSampleId :
PB160074BS



Tgt Ion:278 Resp: 1339594
Ion Ratio Lower Upper
278 100
139 11.0 11.1 16.7
279 24.0 19.8 29.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 43.901 ng
RT: 29.389 min Scan# 4493
Delta R.T. -0.035 min
Lab File: BG060839.D
Acq: 9 Apr 2024 10:51

Tgt Ion:276 Resp: 1255190
Ion Ratio Lower Upper
276 100
277 23.1 18.9 28.3
138 14.4 14.0 21.0

