

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
 Data File : BG060894.D
 Acq On : 13 Apr 2024 15:08
 Operator : MA/JU
 Sample : PB160203BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160203BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 15 01:18:05 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	45737	20.000	ng	-0.01
21) Naphthalene-d8	10.747	136	202596	20.000	ng	-0.01
39) Acenaphthene-d10	14.578	164	166177	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	417646	20.000	ng	-0.01
76) Chrysene-d12	21.593	240	377808	20.000	ng	-0.01
86) Perylene-d12	24.731	264	420349	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	331889	120.885	ng	0.00
7) Phenol-d6	7.116	99	491857	120.690	ng	0.00
23) Nitrobenzene-d5	9.102	82	319472	89.980	ng	-0.01
42) 2,4,6-Tribromophenol	16.070	330	315065	167.021	ng	0.00
45) 2-Fluorobiphenyl	13.203	172	852399	75.282	ng	-0.02
79) Terphenyl-d14	19.954	244	1694328	78.967	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.455	88	31502	27.986	ng	94
3) Pyridine	3.837	79	85220	25.099	ng	# 87
4) n-Nitrosodimethylamine	3.755	42	74130	36.525	ng	96
6) Aniline	7.275	93	116044	22.549	ng	96
8) 2-Chlorophenol	7.515	128	136047	43.709	ng	95
9) Benzaldehyde	7.087	77	20342m	9.052	ng	
10) Phenol	7.145	94	181274	43.584	ng	97
11) bis(2-Chloroethyl)ether	7.369	93	117972	35.132	ng	98
12) 1,3-Dichlorobenzene	7.839	146	131592	40.655	ng	98
13) 1,4-Dichlorobenzene	7.986	146	134042	40.591	ng	96
14) 1,2-Dichlorobenzene	8.303	146	130909	40.451	ng	98
15) Benzyl Alcohol	8.185	79	136105	41.229	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.467	45	294732	38.892	ng	98
17) 2-Methylphenol	8.391	107	123850	39.445	ng	98
18) Hexachloroethane	9.031	117	46755	39.865	ng	91
19) n-Nitroso-di-n-propyla...	8.755	70	112383	36.161	ng	# 96
20) 3+4-Methylphenols	8.714	107	171346	39.852	ng	96
22) Acetophenone	8.767	105	217167	38.875	ng	# 97
24) Nitrobenzene	9.149	77	162065	41.411	ng	97
25) Isophorone	9.672	82	314216	38.423	ng	96
26) 2-Nitrophenol	9.854	139	74260	52.610	ng	94
27) 2,4-Dimethylphenol	9.919	122	108295	32.967	ng	98
28) bis(2-Chloroethoxy)met...	10.154	93	177977	36.864	ng	99
29) 2,4-Dichlorophenol	10.394	162	148417	49.201	ng	98
30) 1,2,4-Trichlorobenzene	10.612	180	145899	42.713	ng	98
31) Naphthalene	10.800	128	413262	37.709	ng	99
32) Benzoic acid	10.054	122	110597	50.232	ng	96
33) 4-Chloroaniline	10.900	127	84333	16.568	ng	97
34) Hexachlorobutadiene	11.088	225	104154	45.752	ng	96
35) Caprolactam	11.669	113	51785m	43.344	ng	
36) 4-Chloro-3-methylphenol	12.028	107	171558	44.519	ng	98
37) 2-Methylnaphthalene	12.404	142	300194	37.258	ng	96
38) 1-Methylnaphthalene	12.621	142	285594	37.521	ng	95
40) 1,2,4,5-Tetrachloroben...	12.774	216	200581	41.985	ng	99
41) Hexachlorocyclopentadiene	12.756	237	214837	88.439	ng	99
43) 2,4,6-Trichlorophenol	13.009	196	146540	47.636	ng	95

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

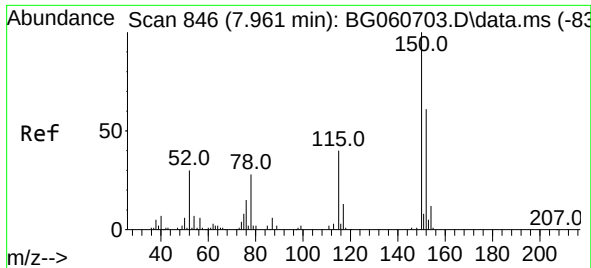
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.085	196	165280	45.021	ng	97
46) 1,1'-Biphenyl	13.414	154	449778	38.319	ng	99
47) 2-Chloronaphthalene	13.456	162	353223	39.608	ng	100
48) 2-Nitroaniline	13.649	65	139722	48.276	ng	99
49) Acenaphthylene	14.302	152	601570	40.146	ng	99
50) Dimethylphthalate	14.037	163	521497	39.704	ng	100
51) 2,6-Dinitrotoluene	14.155	165	109148	46.528	ng	89
52) Acenaphthene	14.648	154	423112m	44.973	ng	
53) 3-Nitroaniline	14.478	138	72688	29.353	ng	94
54) 2,4-Dinitrophenol	14.689	184	141173	154.413	ng	91
55) Dibenzofuran	14.977	168	572874	38.604	ng	98
56) 4-Nitrophenol	14.795	139	187260	97.523	ng	96
57) 2,4-Dinitrotoluene	14.942	165	159142	51.586	ng	91
58) Fluorene	15.629	166	474089	39.806	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.206	232	160009	50.014	ng	97
60) Diethylphthalate	15.406	149	513019	38.822	ng	99
61) 4-Chlorophenyl-phenyle...	15.624	204	258690	41.056	ng	96
62) 4-Nitroaniline	15.641	138	116317	48.436	ng	96
63) Azobenzene	15.917	77	476632	37.014	ng	96
65) 4,6-Dinitro-2-methylph...	15.706	198	101130	57.110	ng	96
66) n-Nitrosodiphenylamine	15.841	169	455430	38.160	ng	96
67) 4-Bromophenyl-phenylether	16.523	248	185171	43.687	ng	97
68) Hexachlorobenzene	16.634	284	211491	44.201	ng	97
69) Atrazine	16.793	200	181583	43.508	ng	97
70) Pentachlorophenol	16.981	266	284525	91.133	ng	98
71) Phenanthrene	17.374	178	834214	38.406	ng	99
72) Anthracene	17.463	178	854296	38.728	ng	99
73) Carbazole	17.727	167	763300	39.246	ng	100
74) Di-n-butylphthalate	18.303	149	905264	37.334	ng	100
75) Fluoranthene	19.384	202	1035025	39.269	ng	97
77) Benzidine	19.560	184	208357	20.944	ng	98
78) Pyrene	19.748	202	1057894	40.037	ng	99
80) Butylbenzylphthalate	20.647	149	395181	40.999	ng	94
81) Benzo(a)anthracene	21.575	228	1061973	39.877	ng	99
82) 3,3'-Dichlorobenzidine	21.493	252	269826	30.007	ng	97
83) Chrysene	21.640	228	1006175	39.198	ng	99
84) Bis(2-ethylhexyl)phtha...	21.505	149	561885	36.574	ng	97
85) Di-n-octyl phthalate	22.704	149	980106	39.161	ng	100
87) Indeno(1,2,3-cd)pyrene	28.297	276	1248601	42.181	ng	# 95
88) Benzo(b)fluoranthene	23.744	252	1026692	42.515	ng	99
89) Benzo(k)fluoranthene	23.808	252	1034728	41.862	ng	# 98
90) Benzo(a)pyrene	24.584	252	953611	40.634	ng	98
91) Dibenzo(a,h)anthracene	28.367	278	1027224	41.166	ng	# 96
92) Benzo(g,h,i)perylene	29.407	276	960403	39.566	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.950 min Scan# 84
 Delta R.T. -0.011 min
 Lab File: BG060894.D
 Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

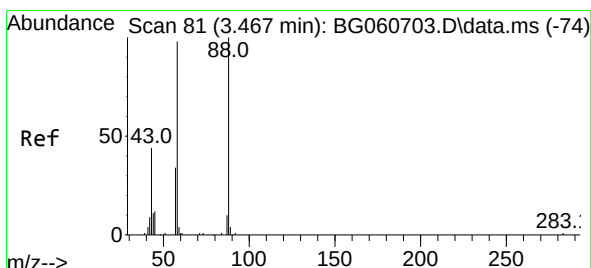
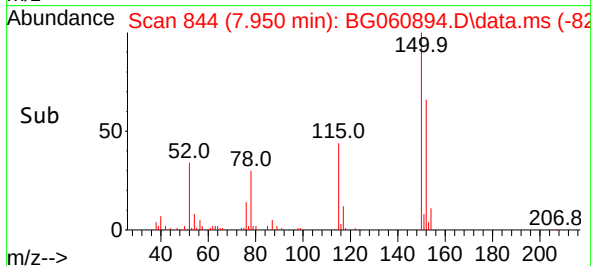
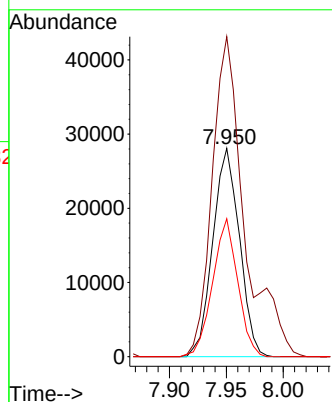
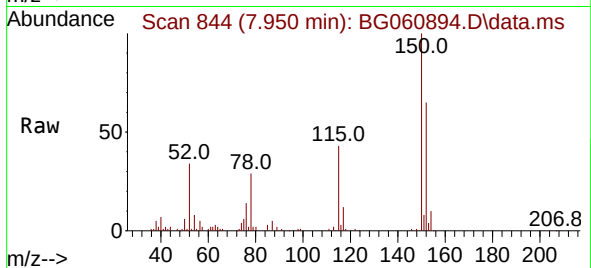
ClientSampleId :

PB160203BS

Tgt Ion:152 Resp: 4573
 Ion Ratio Lower Upper
 152 100
 150 153.7 130.2 195.4
 115 66.2 51.6 77.4

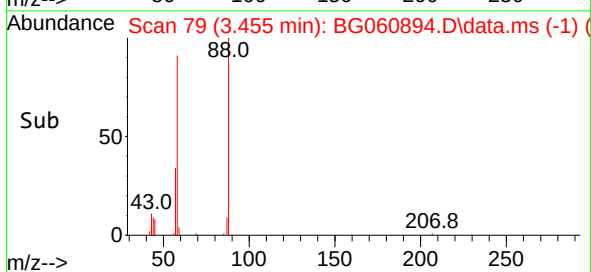
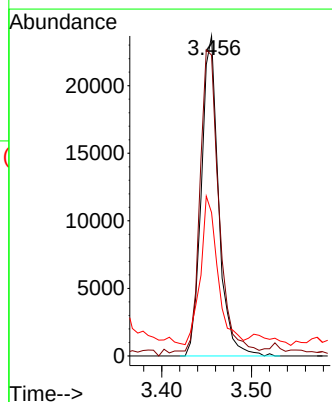
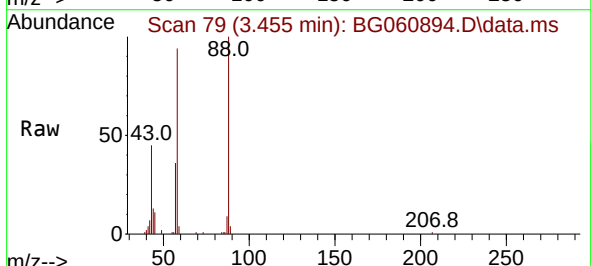
Manual Integrations
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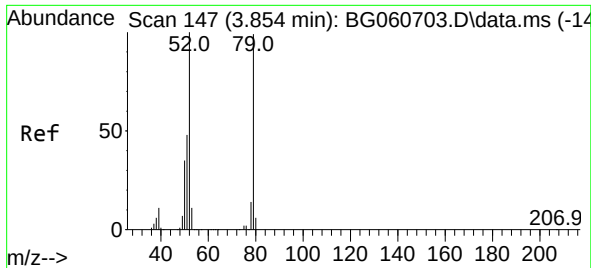
Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024



#2
 1,4-Dioxane
 Concen: 27.986 ng
 RT: 3.455 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BG060894.D
 Acq: 13 Apr 2024 15:08

Tgt Ion: 88 Resp: 31502
 Ion Ratio Lower Upper
 88 100
 58 108.9 80.9 121.3
 43 46.5 35.4 53.0





#3
Pyridine
Concen: 25.099 ng
RT: 3.837 min Scan# 14
Delta R.T. -0.017 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

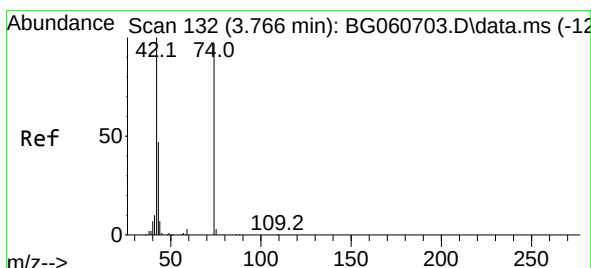
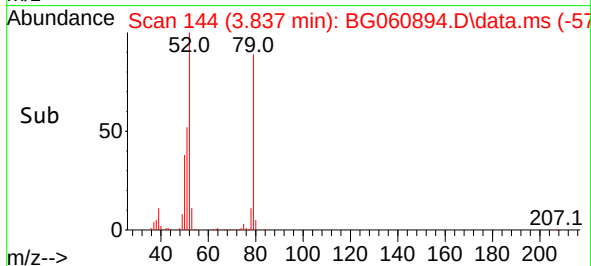
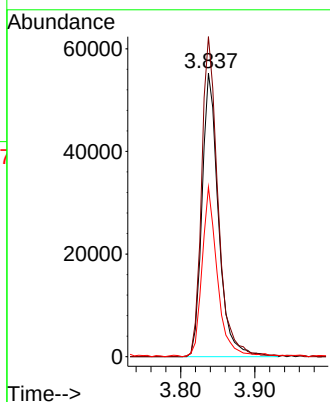
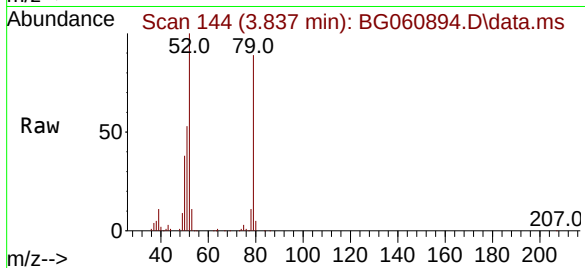
PB160203BS

Tgt Ion: 79 Resp: 85220
Ion Ratio Lower Upper
79 100
52 112.9 80.6 120.8
51 59.8 39.1 58.7

Manual Integrations

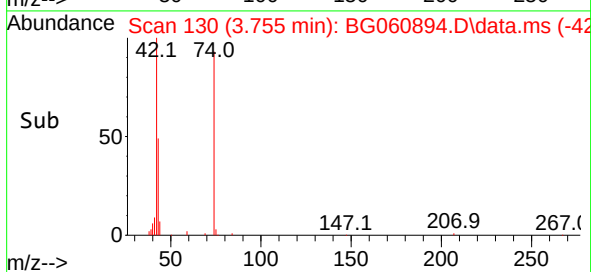
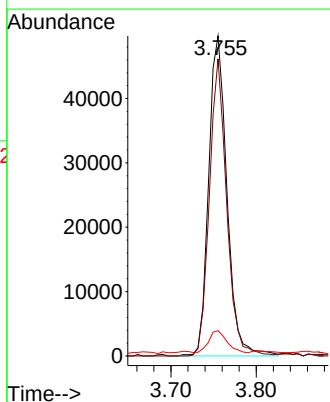
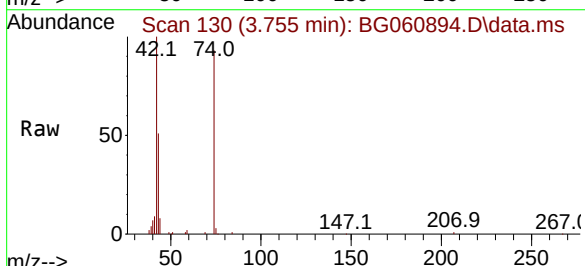
APPROVED

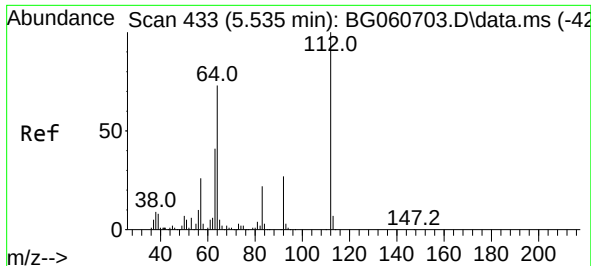
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#4
n-Nitrosodimethylamine
Concen: 36.525 ng
RT: 3.755 min Scan# 130
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion: 42 Resp: 74130
Ion Ratio Lower Upper
42 100
74 92.9 77.8 116.8
44 7.9 6.8 10.2





#5
2-Fluorophenol
Concen: 120.885 ng
RT: 5.535 min Scan# 411
Delta R.T. 0.001 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

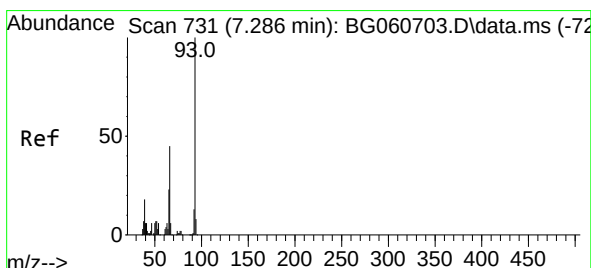
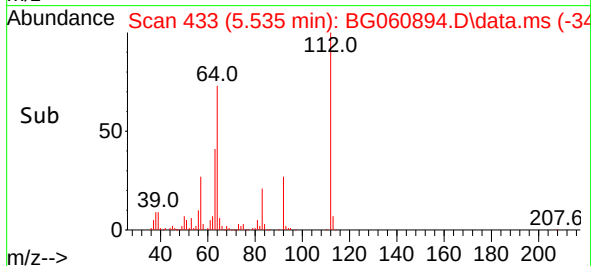
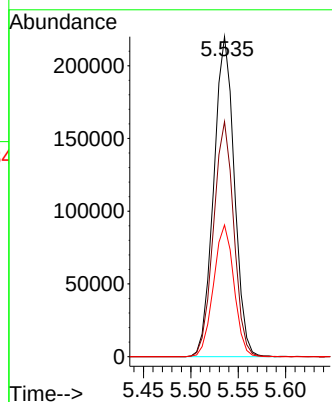
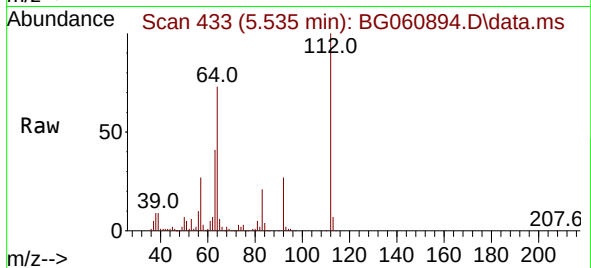
PB160203BS

Tgt Ion:112 Resp: 331889
Ion Ratio Lower Upper
112 100
64 73.5 58.4 87.6
63 41.2 32.7 49.1

Manual Integrations

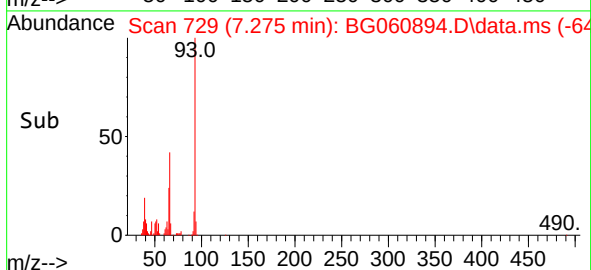
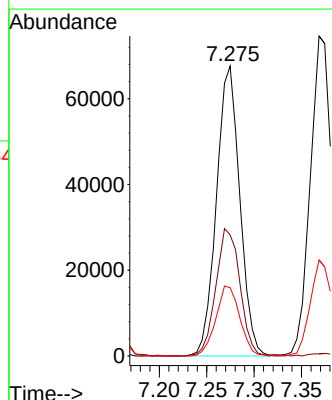
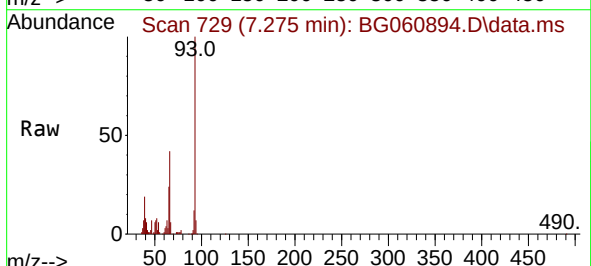
APPROVED

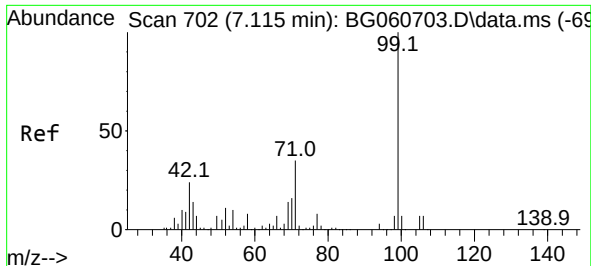
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#6
Aniline
Concen: 22.549 ng
RT: 7.275 min Scan# 729
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

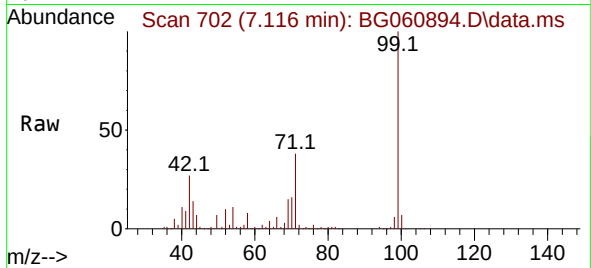
Tgt Ion: 93 Resp: 116044
Ion Ratio Lower Upper
93 100
66 41.8 36.1 54.1
65 23.6 18.1 27.1





#7
Phenol-d6
Concen: 120.690 ng
RT: 7.116 min Scan# 702
Delta R.T. 0.001 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

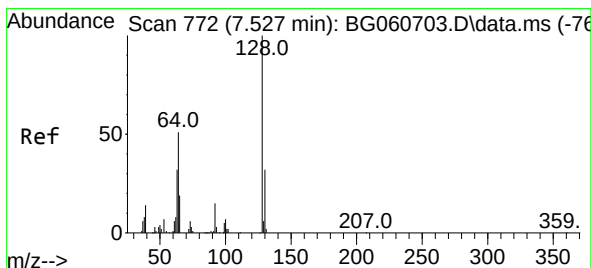
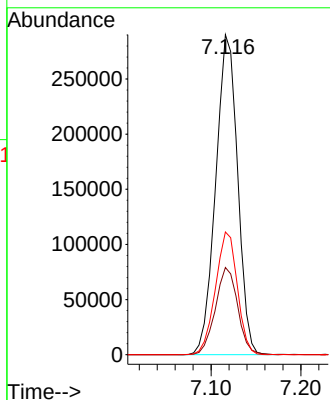
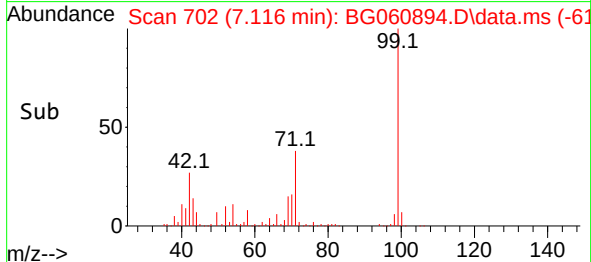
Instrument :
BNA_G
ClientSampleId :
PB160203BS



Tgt Ion: 99 Resp: 49185
Ion Ratio Lower Upper
99 100
42 27.3 19.4 29.2
71 38.4 28.2 42.2

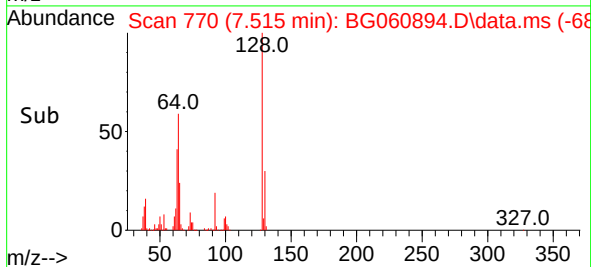
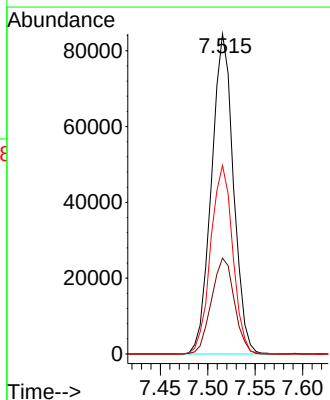
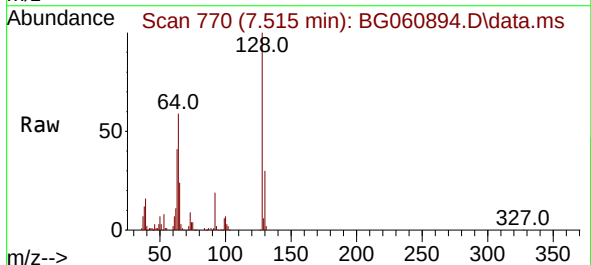
Manual Integrations
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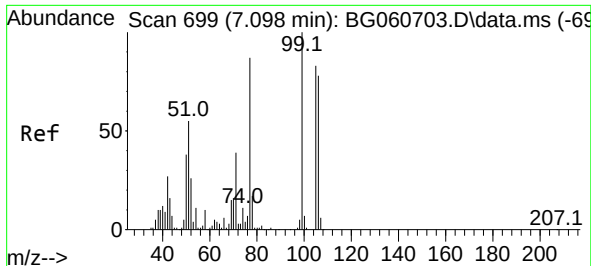
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#8
2-Chlorophenol
Concen: 43.709 ng
RT: 7.515 min Scan# 770
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:128 Resp: 136047
Ion Ratio Lower Upper
128 100
130 30.0 12.3 52.3
64 58.9 35.0 75.0





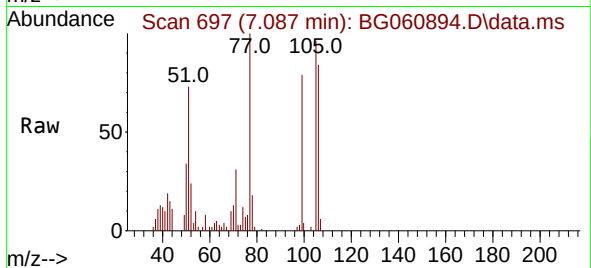
#9
Benzaldehyde
Concen: 9.052 ng m
RT: 7.087 min Scan# 699
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

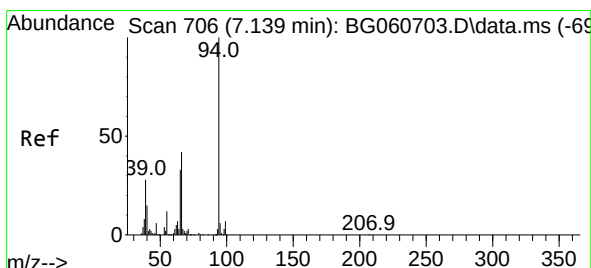
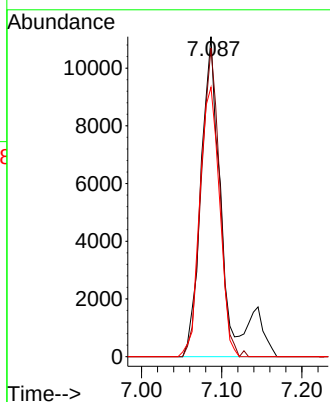
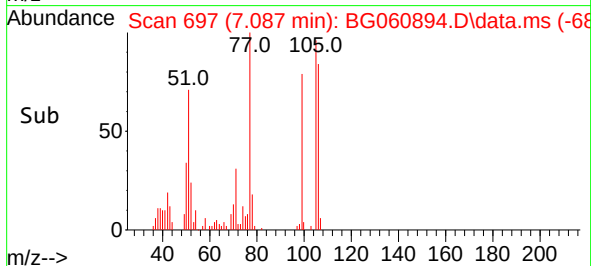
PB160203BS



Tgt Ion: 77 Resp: 2034
Ion Ratio Lower Upper
77 100
105 96.5 76.0 116.0
106 84.2 70.3 110.3

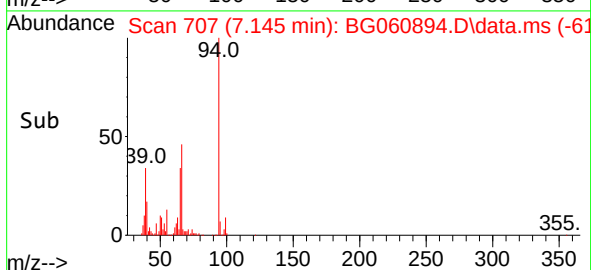
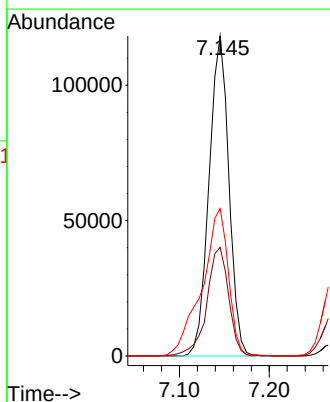
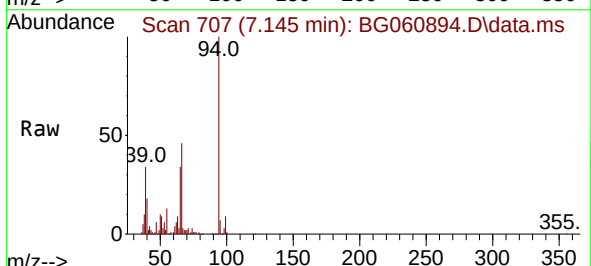
Manual Integrations
APPROVED

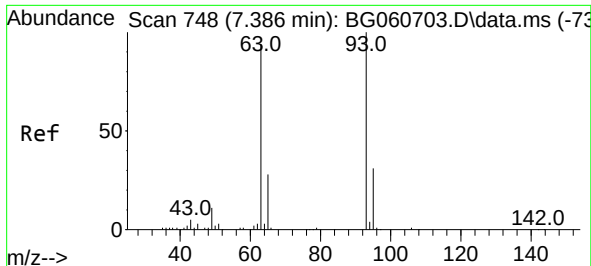
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#10
Phenol
Concen: 43.584 ng
RT: 7.145 min Scan# 707
Delta R.T. 0.006 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

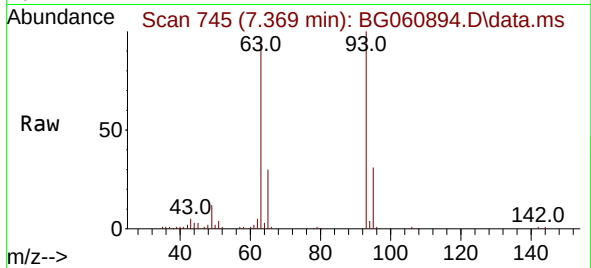
Tgt Ion: 94 Resp: 181274
Ion Ratio Lower Upper
94 100
65 33.9 13.3 53.3
66 46.0 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 35.132 ng
RT: 7.369 min Scan# 748
Delta R.T. -0.017 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

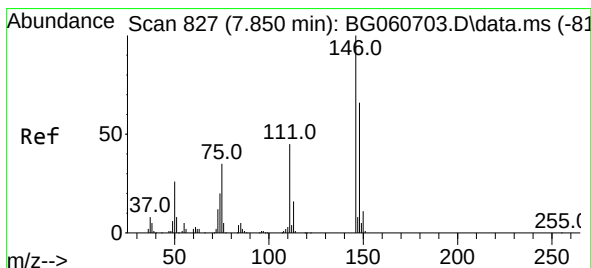
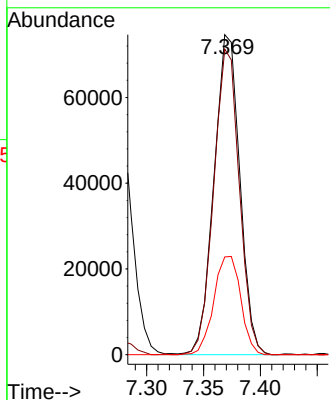
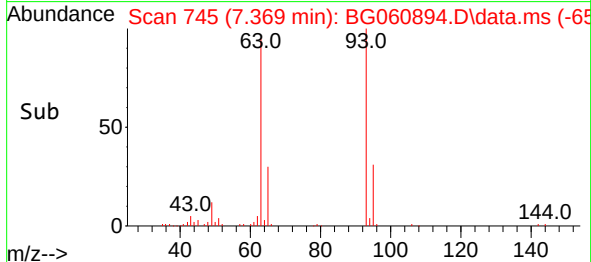
Instrument :
BNA_G
ClientSampleId :
PB160203BS



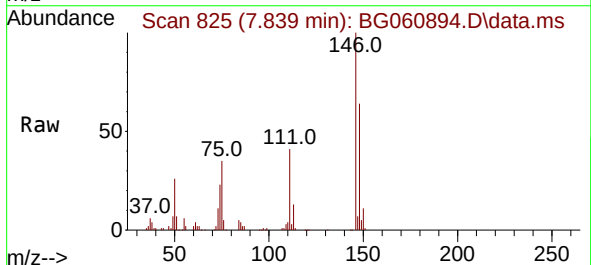
Tgt Ion: 93 Resp: 117972
Ion Ratio Lower Upper
93 100
63 95.5 73.7 113.7
95 30.6 11.2 51.2

Manual Integrations
APPROVED

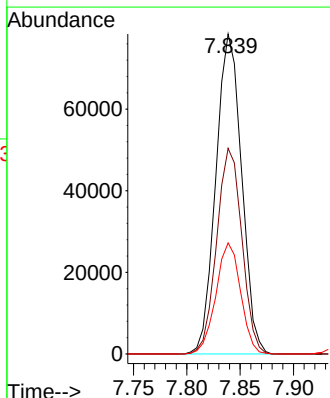
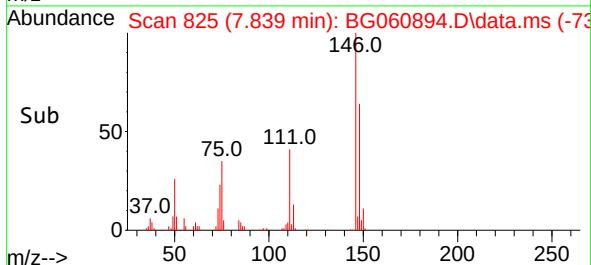
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

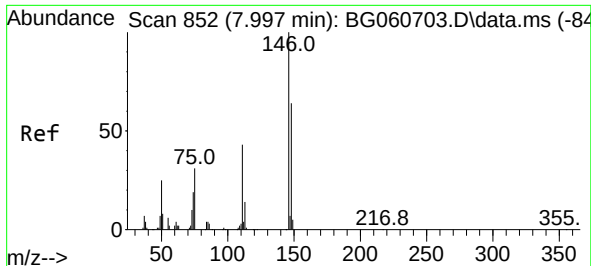


#12
1,3-Dichlorobenzene
Concen: 40.655 ng
RT: 7.839 min Scan# 825
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08



Tgt Ion:146 Resp: 131592
Ion Ratio Lower Upper
146 100
148 64.3 53.0 79.4
75 34.7 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 40.591 ng
RT: 7.986 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

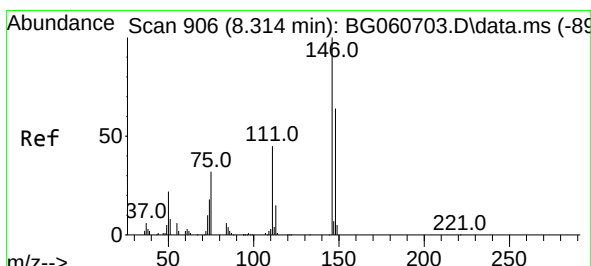
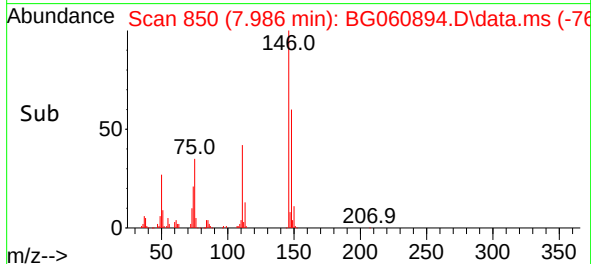
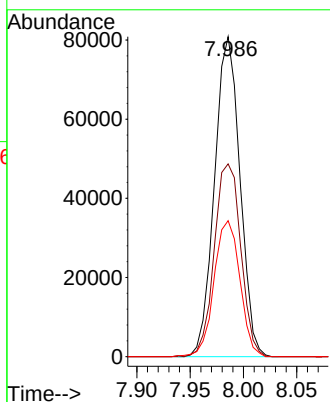
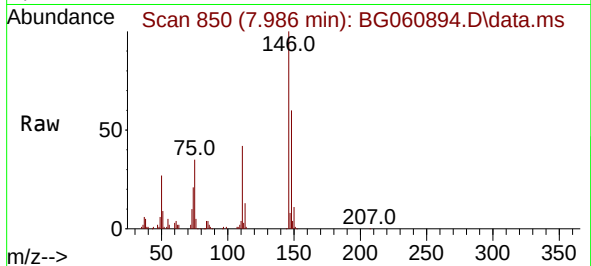
ClientSampleId :

PB160203BS

Tgt Ion:146 Resp: 13404
Ion Ratio Lower Upper
146 100
148 60.3 51.1 76.7
111 42.5 35.0 52.6

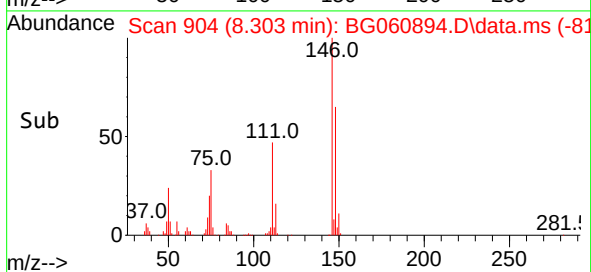
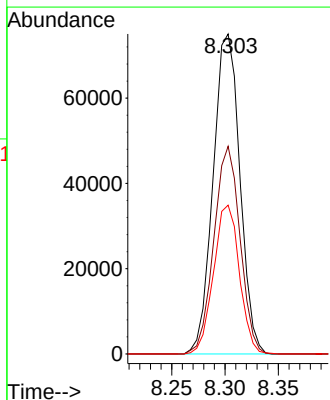
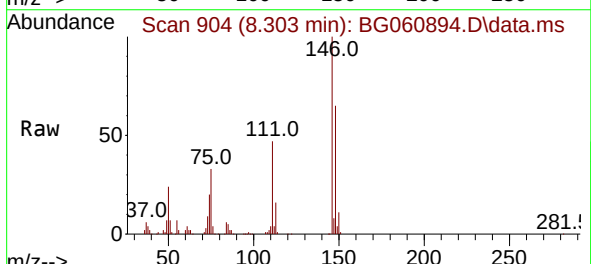
Manual Integrations
APPROVED

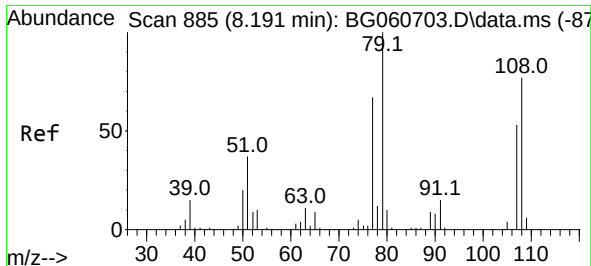
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#14
1,2-Dichlorobenzene
Concen: 40.451 ng
RT: 8.303 min Scan# 904
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:146 Resp: 130909
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.6
111 46.5 36.0 54.0





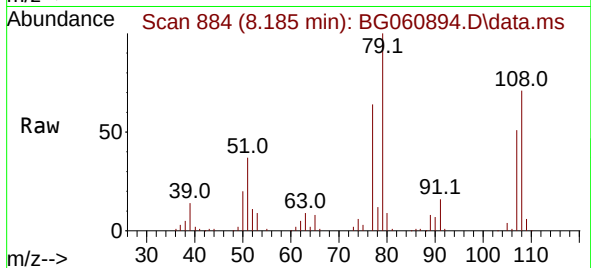
#15
Benzyl Alcohol
Concen: 41.229 ng
RT: 8.185 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

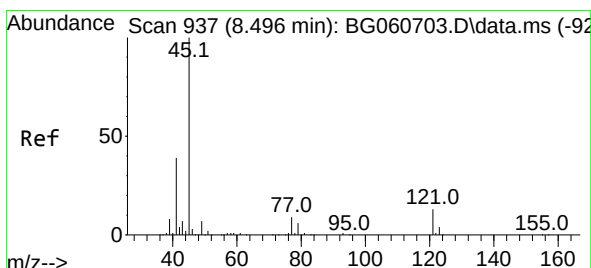
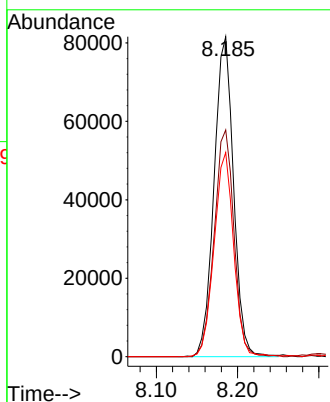
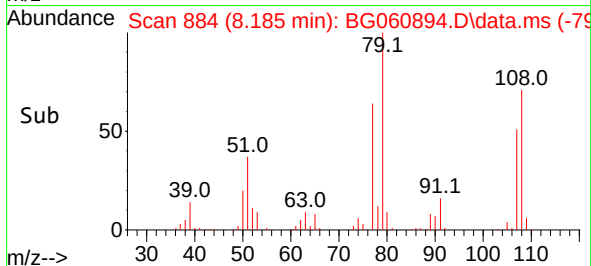
PB160203BS



Tgt Ion: 79 Resp: 13610
Ion Ratio Lower Upper
79 100
108 70.8 61.4 92.0
77 63.8 53.6 80.4

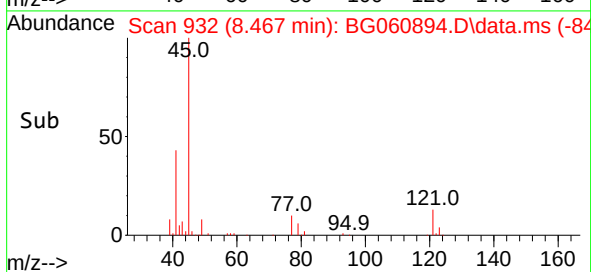
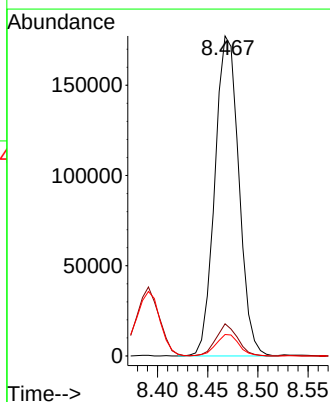
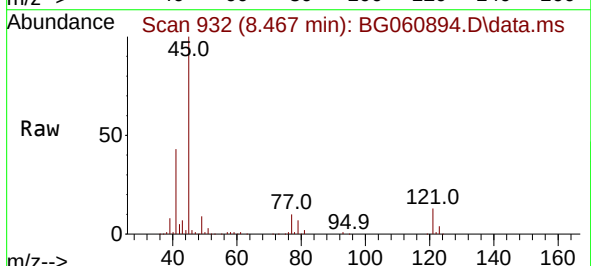
Manual Integrations
APPROVED

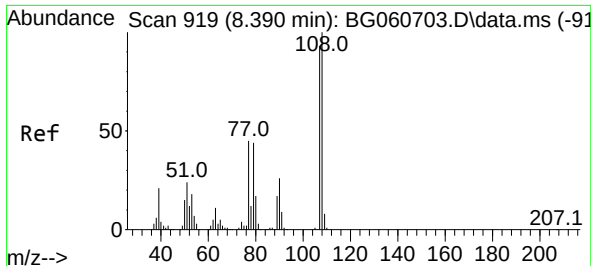
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.892 ng
RT: 8.467 min Scan# 932
Delta R.T. -0.029 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion: 45 Resp: 294732
Ion Ratio Lower Upper
45 100
77 10.0 0.0 29.1
79 6.7 0.0 26.5





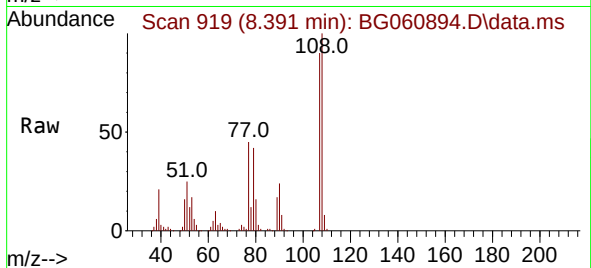
#17
2-Methylphenol
Concen: 39.445 ng
RT: 8.391 min Scan# 919
Delta R.T. 0.001 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS



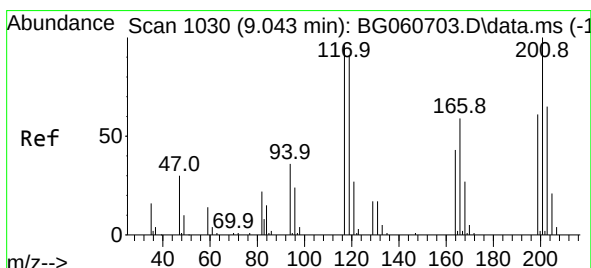
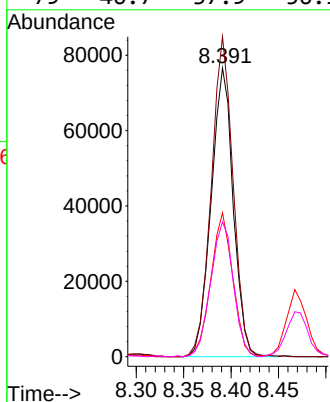
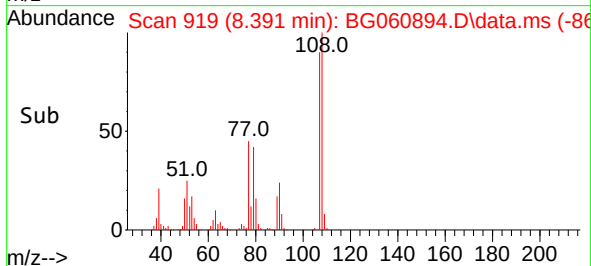
Tgt Ion:	107	Resp:	123850
Ion	Ratio	Lower	Upper
107	100		
108	110.9	86.4	129.6
77	49.8	38.6	58.0
79	46.7	37.9	56.9

Manual Integrations

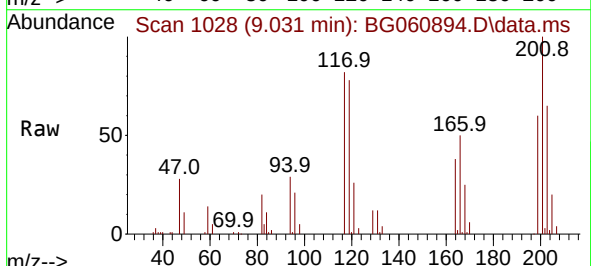
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

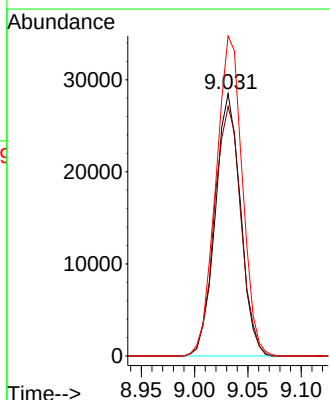
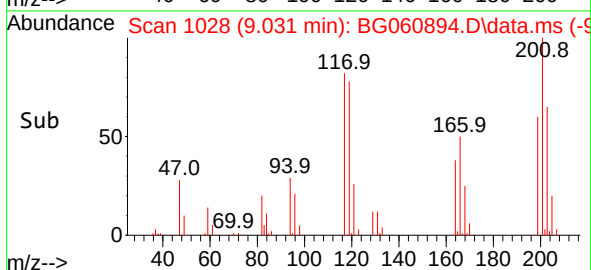
Supervised By :mohammad ahmed 04/17/2024

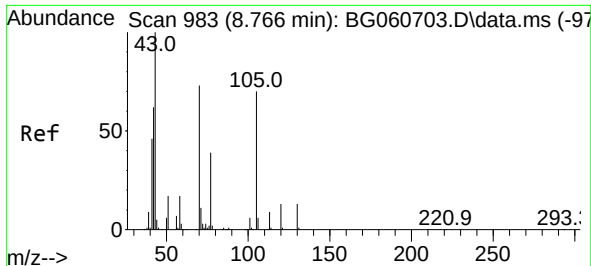


#18
Hexachloroethane
Concen: 39.865 ng
RT: 9.031 min Scan# 1028
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08



Tgt Ion:	117	Resp:	46755
Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.7	113.5
201	122.0	83.4	125.2





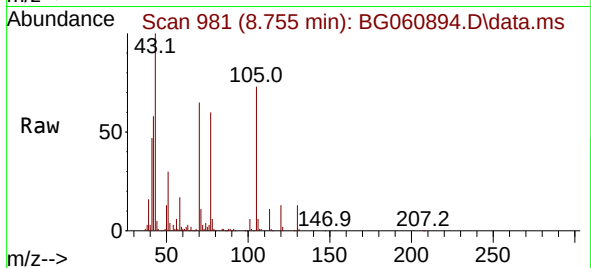
#19
n-Nitroso-di-n-propylamine
Concen: 36.161 ng
RT: 8.755 min Scan# 981
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS



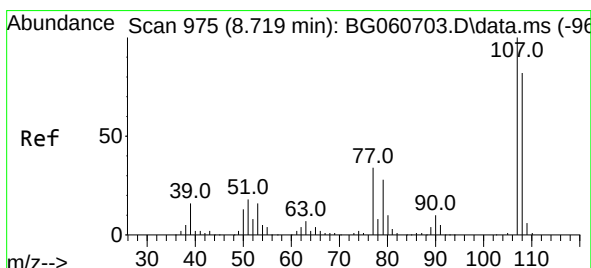
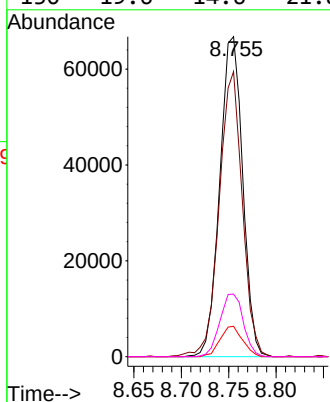
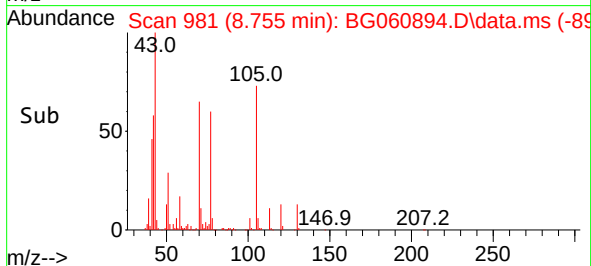
Tgt Ion: 70 Resp: 11238
Ion Ratio Lower Upper
70 100
42 89.1 68.4 102.6
101 9.5 6.1 9.1
130 19.6 14.6 21.8

Manual Integrations

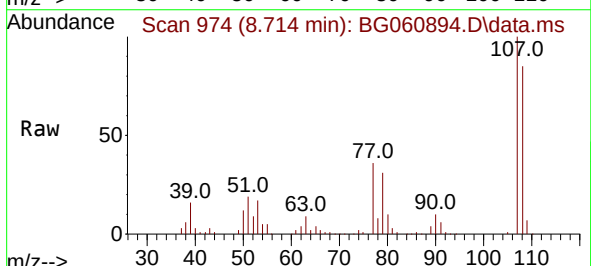
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

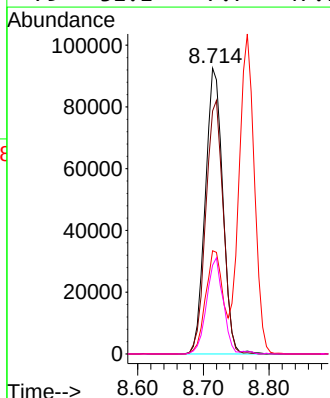
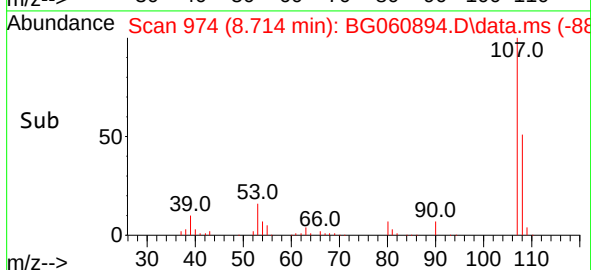
Supervised By :mohammad ahmed 04/17/2024

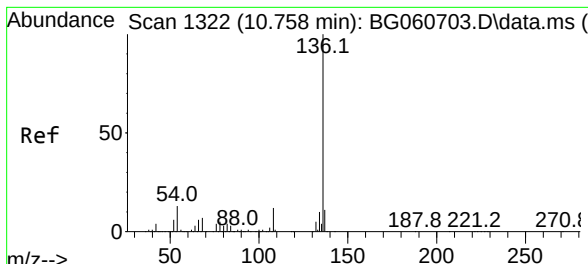


#20
3+4-Methylphenols
Concen: 39.852 ng
RT: 8.714 min Scan# 974
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08



Tgt Ion:107 Resp: 171346
Ion Ratio Lower Upper
107 100
108 85.1 62.2 102.2
77 36.1 14.1 54.1
79 31.1 7.7 47.7





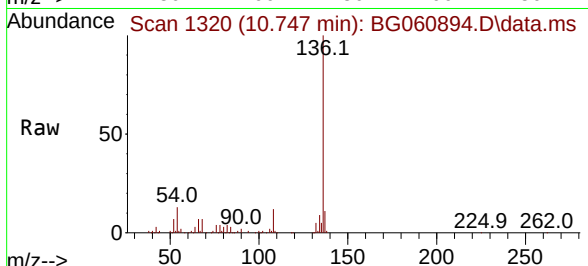
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.747 min Scan# 1320
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

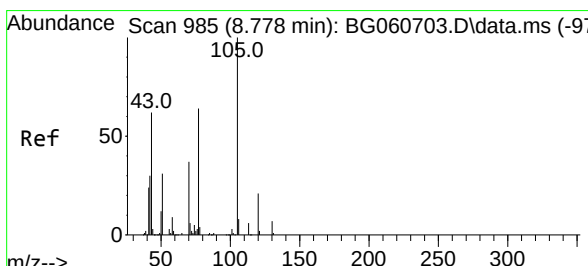
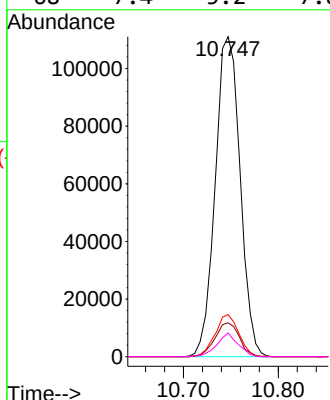
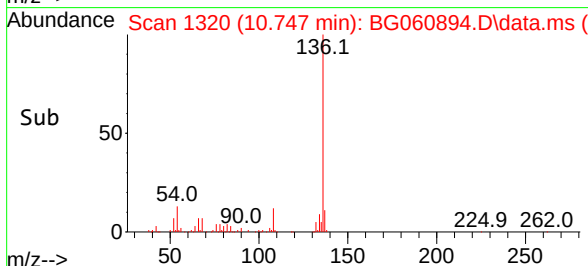


Tgt Ion:136 Resp: 202590
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 13.1 10.2 15.2
68 7.4 5.2 7.8

Manual Integrations

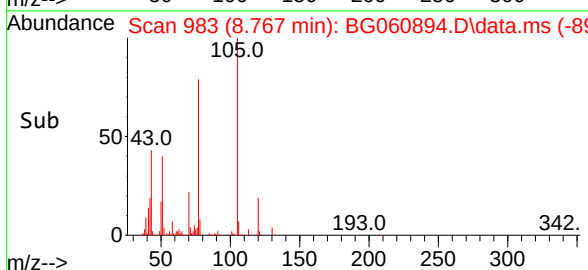
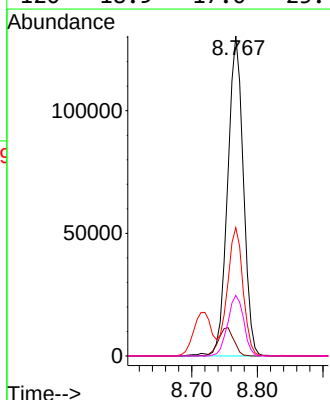
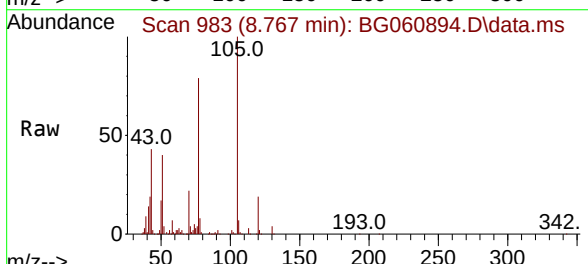
APPROVED

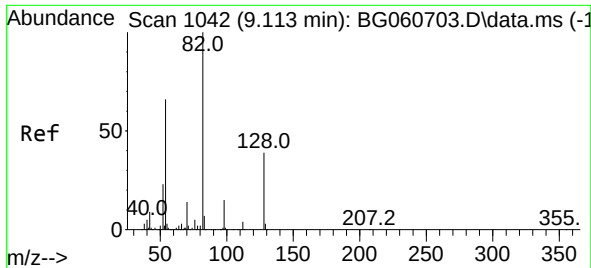
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#22
Acetophenone
Concen: 38.875 ng
RT: 8.767 min Scan# 983
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:105 Resp: 217167
Ion Ratio Lower Upper
105 100
71 3.8 4.9 7.3#
51 40.1 31.1 46.7
120 18.9 17.0 25.4





#23

Nitrobenzene-d5

Concen: 89.980 ng

RT: 9.102 min Scan# 1040

Delta R.T. -0.011 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

Tgt Ion: 82 Resp: 31947

Ion Ratio Lower Upper

82 100

128 38.9 31.2 46.8

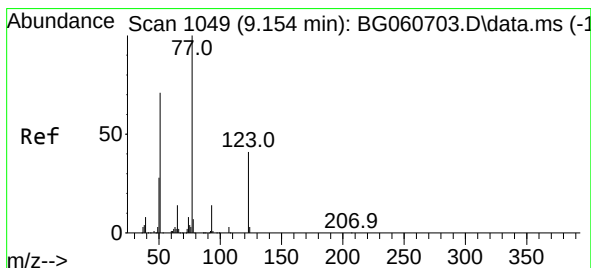
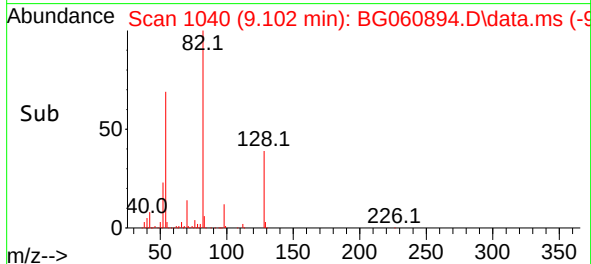
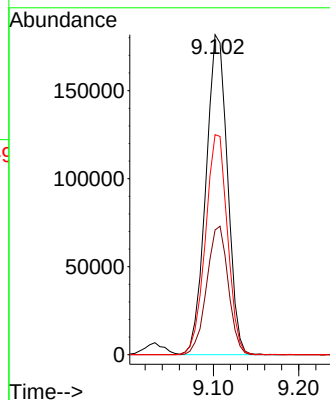
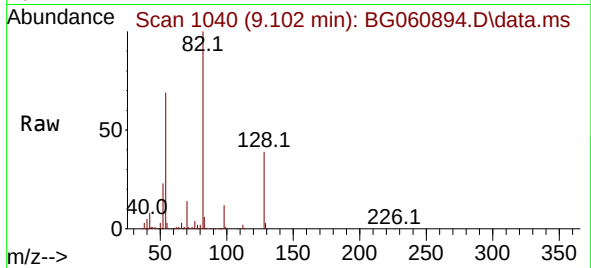
54 68.7 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#24

Nitrobenzene

Concen: 41.411 ng

RT: 9.149 min Scan# 1048

Delta R.T. -0.005 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

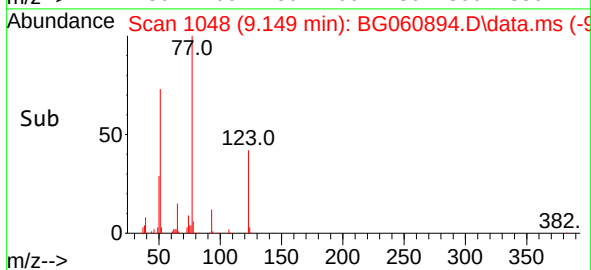
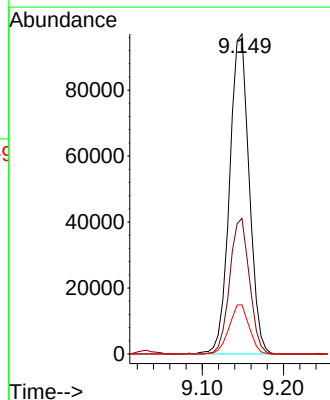
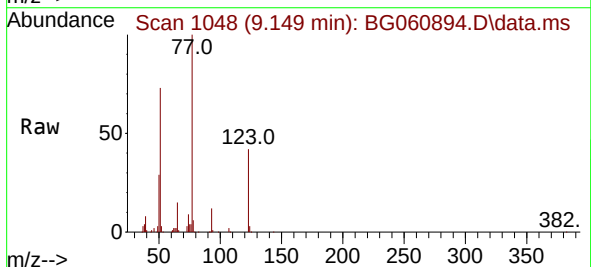
Tgt Ion: 77 Resp: 162065

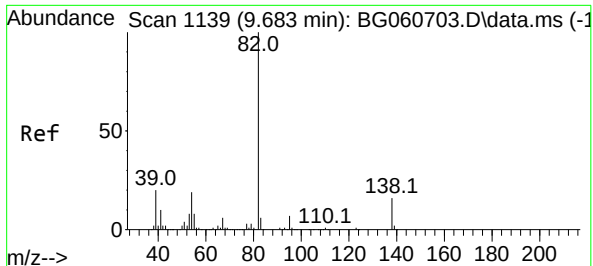
Ion Ratio Lower Upper

77 100

123 42.4 32.7 49.1

65 15.3 11.3 16.9





#25
Isophorone
Concen: 38.423 ng
RT: 9.672 min Scan# 1137
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

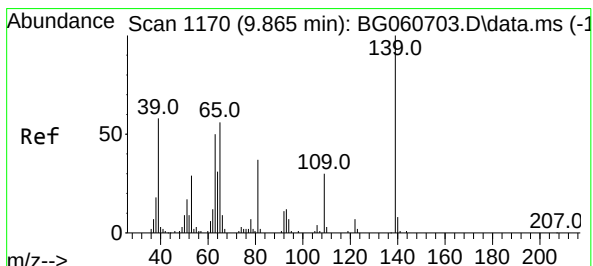
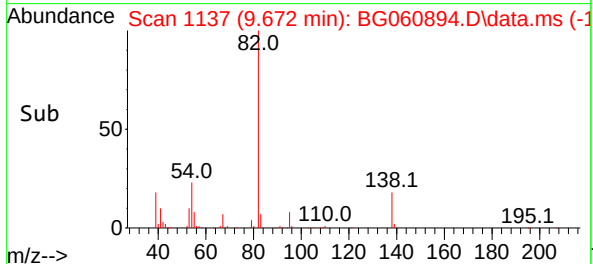
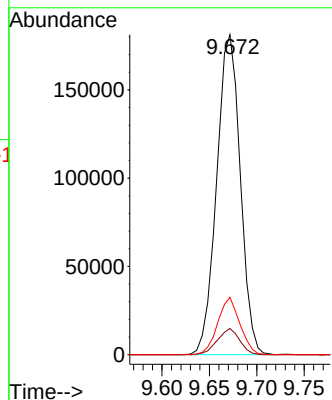
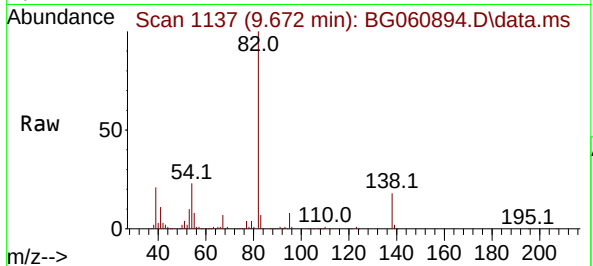
PB160203BS

Tgt Ion: 82 Resp: 314210
Ion Ratio Lower Upper
82 100
95 8.2 5.8 8.8
138 18.0 13.0 19.4

Manual Integrations

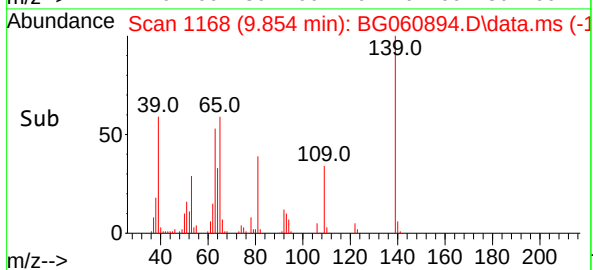
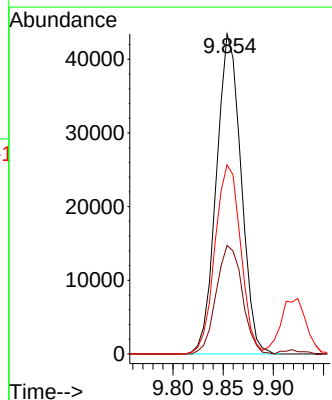
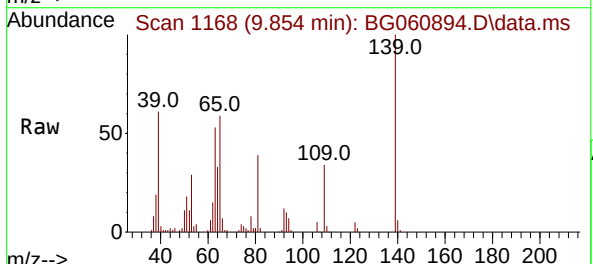
APPROVED

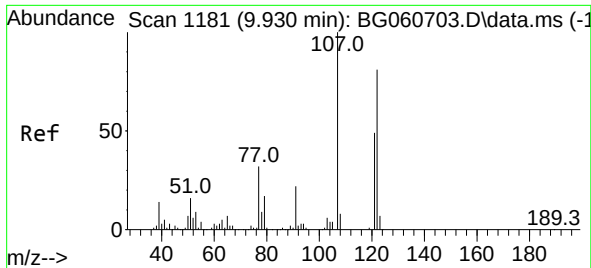
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#26
2-Nitrophenol
Concen: 52.610 ng
RT: 9.854 min Scan# 1168
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:139 Resp: 74260
Ion Ratio Lower Upper
139 100
109 33.9 23.9 35.9
65 59.1 44.5 66.7





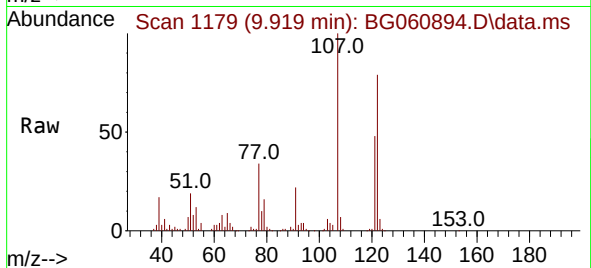
#27
2,4-Dimethylphenol
Concen: 32.967 ng
RT: 9.919 min Scan# 1181
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS



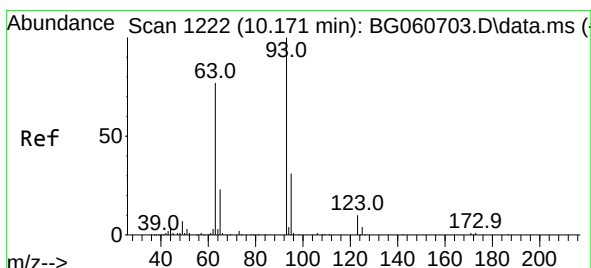
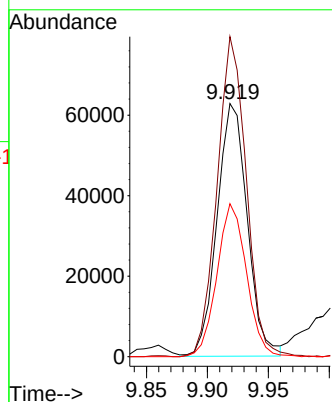
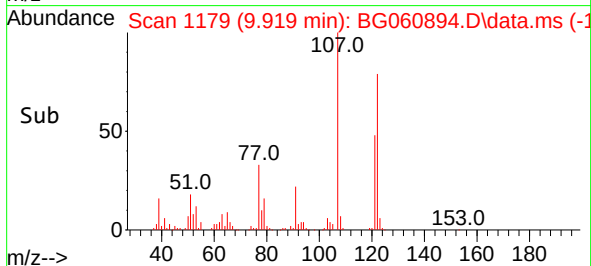
Tgt Ion:122 Resp: 10829
Ion Ratio Lower Upper
122 100
107 126.4 98.6 147.8
121 60.4 48.1 72.1

Manual Integrations

APPROVED

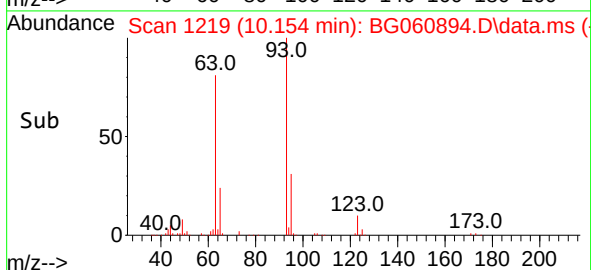
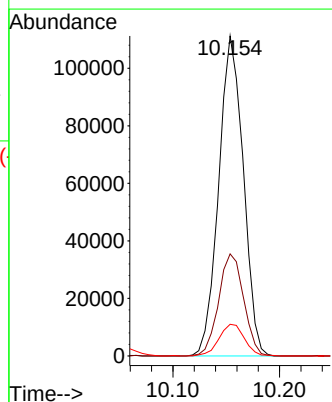
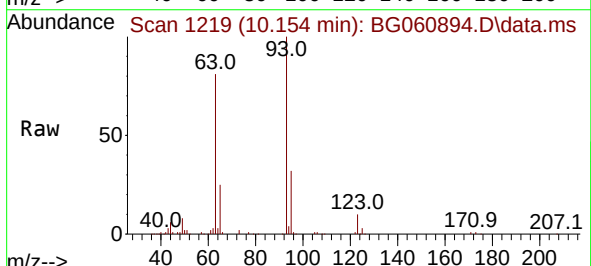
Reviewed By :Yogesh Patel 04/16/2024

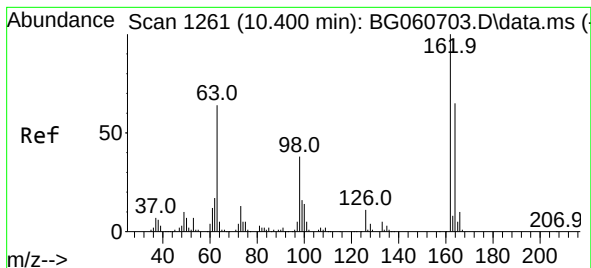
Supervised By :mohammad ahmed 04/17/2024



#28
bis(2-Chloroethoxy)methane
Concen: 36.864 ng
RT: 10.154 min Scan# 1219
Delta R.T. -0.017 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion: 93 Resp: 177977
Ion Ratio Lower Upper
93 100
95 31.9 25.1 37.7
123 9.9 8.0 12.0





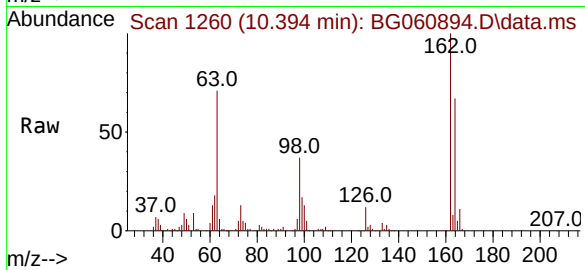
#29
2,4-Dichlorophenol
Concen: 49.201 ng
RT: 10.394 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

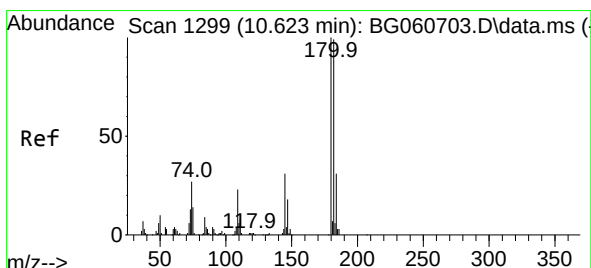
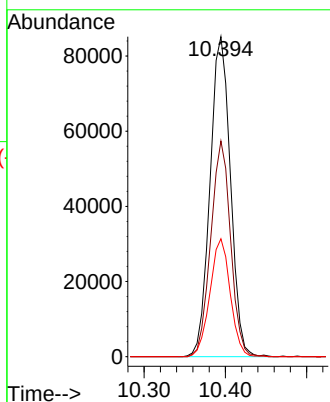
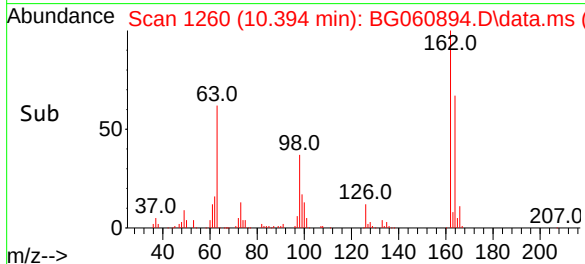


Tgt Ion:162 Resp: 14841
Ion Ratio Lower Upper
162 100
164 67.4 45.2 85.2
98 36.9 17.7 57.7

Manual Integrations

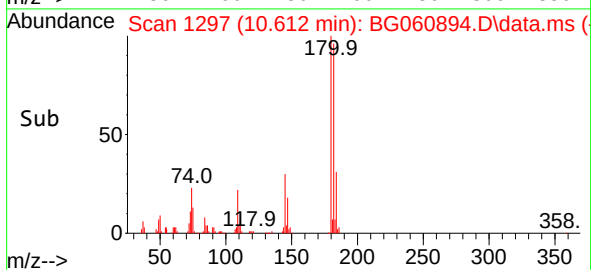
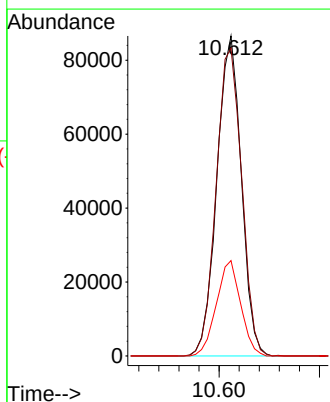
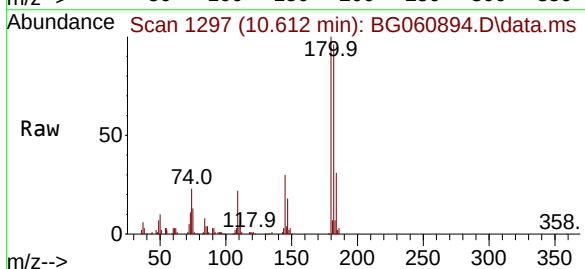
APPROVED

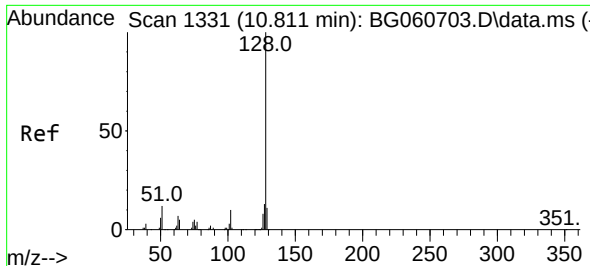
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#30
1,2,4-Trichlorobenzene
Concen: 42.713 ng
RT: 10.612 min Scan# 1297
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:180 Resp: 145899
Ion Ratio Lower Upper
180 100
182 96.2 79.0 118.4
145 29.8 24.9 37.3





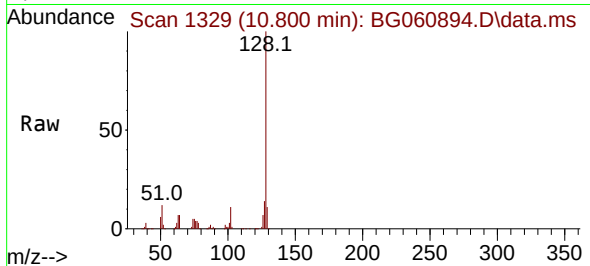
#31
Naphthalene
Concen: 37.709 ng
RT: 10.800 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS



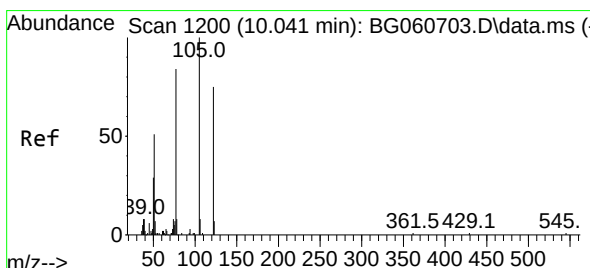
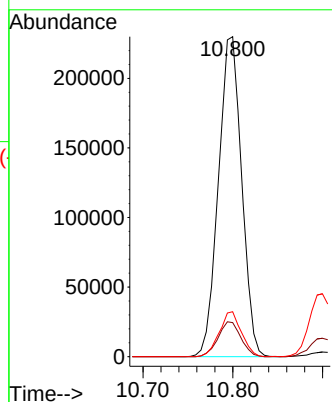
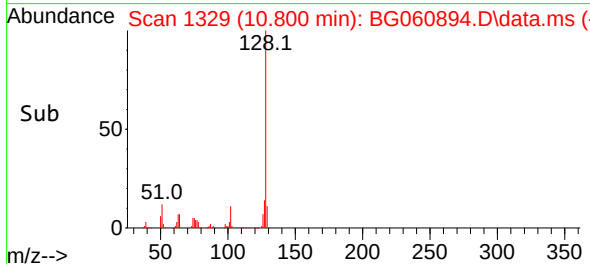
Tgt Ion:128 Resp: 41326
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 14.1 10.5 15.7

Manual Integrations

APPROVED

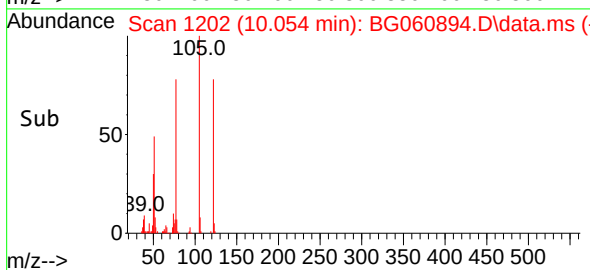
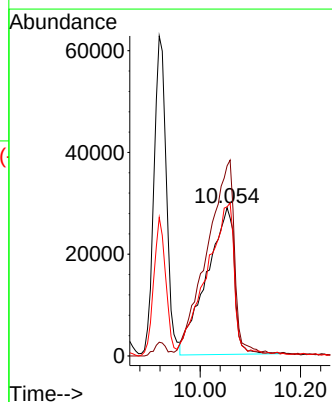
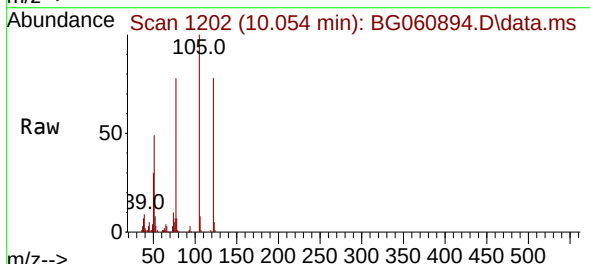
Reviewed By :Yogesh Patel 04/16/2024

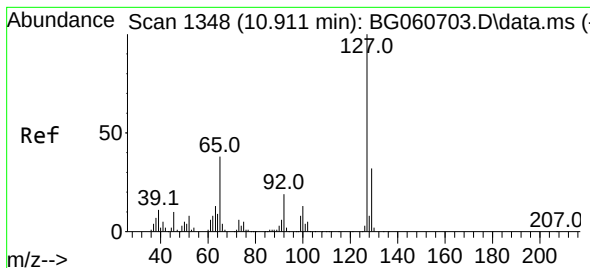
Supervised By :mohammad ahmed 04/17/2024



#32
Benzoic acid
Concen: 50.232 ng
RT: 10.054 min Scan# 1202
Delta R.T. 0.013 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:122 Resp: 110597
Ion Ratio Lower Upper
122 100
105 128.2 104.5 144.5
77 100.5 85.3 125.3





#33
4-Chloroaniline
Concen: 16.568 ng
RT: 10.900 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

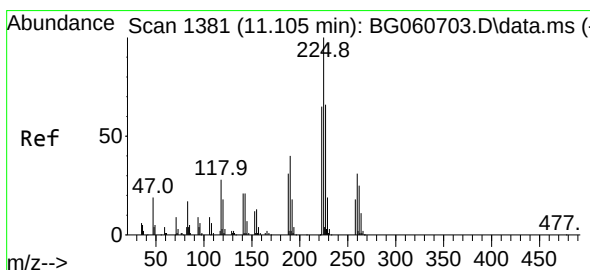
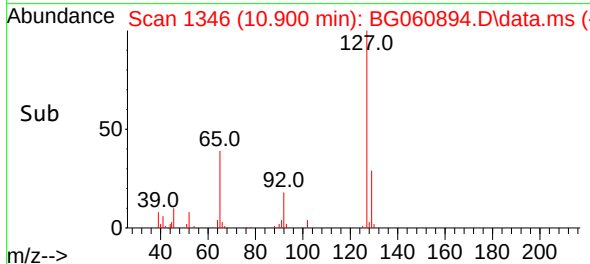
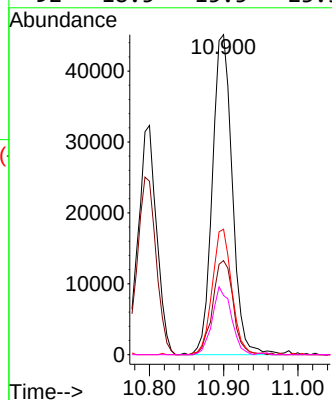
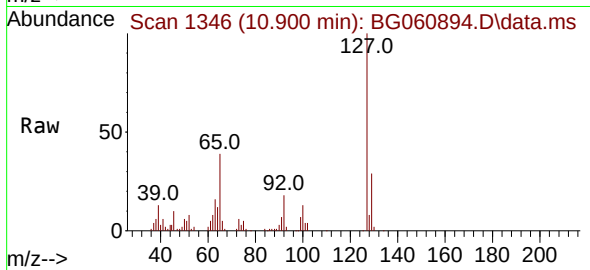
Tgt Ion:127 Resp: 8433
Ion Ratio Lower Upper
127 100
129 29.4 25.3 37.9
65 39.2 30.2 45.2
92 18.5 15.5 23.3

Manual Integrations

APPROVED

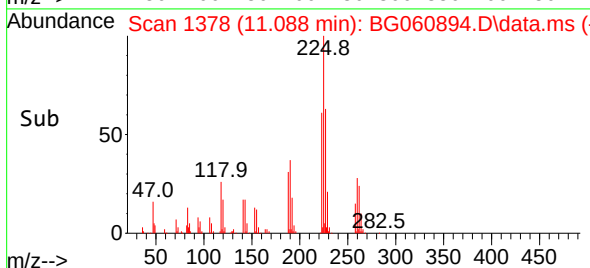
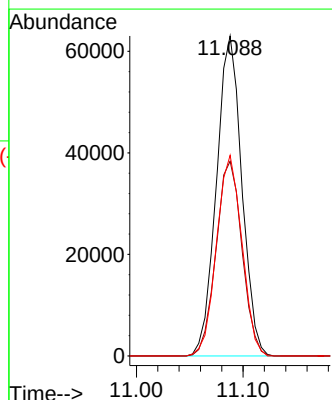
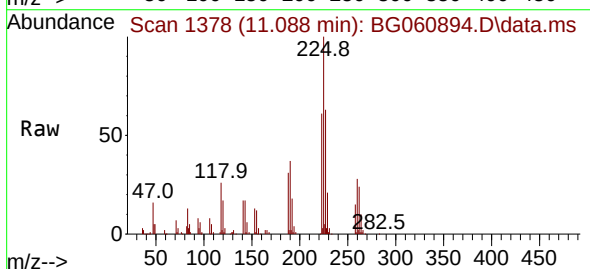
Reviewed By :Yogesh Patel 04/16/2024

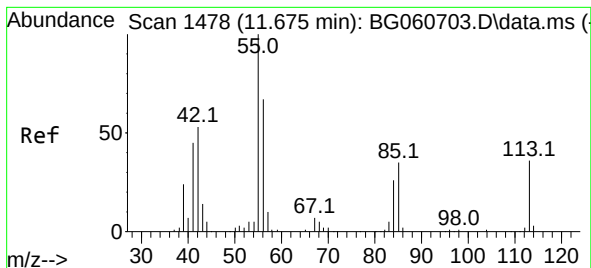
Supervised By :mohammad ahmed 04/17/2024



#34
Hexachlorobutadiene
Concen: 45.752 ng
RT: 11.088 min Scan# 1378
Delta R.T. -0.017 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:225 Resp: 104154
Ion Ratio Lower Upper
225 100
223 60.8 52.0 78.0
227 62.7 52.5 78.7





#35
 Caprolactam
 Concen: 43.344 ng m
 RT: 11.669 min Scan# 1477
 Delta R.T. -0.005 min
 Lab File: BG060894.D
 Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

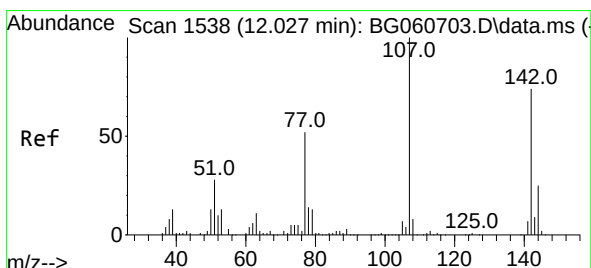
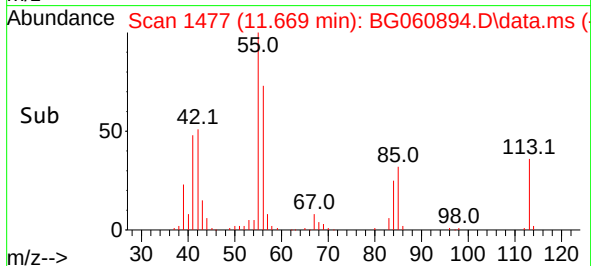
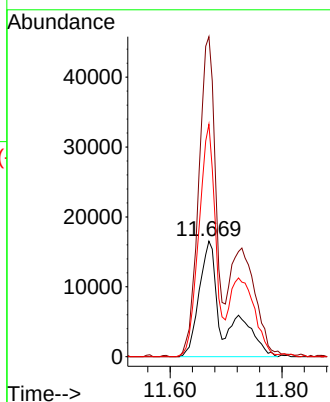
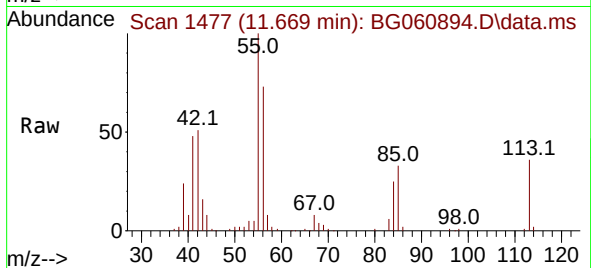
PB160203BS

Tgt Ion:113 Resp: 5178
 Ion Ratio Lower Upper
 113 100
 55 277.1 258.0 298.0
 56 201.1 166.3 206.3

Manual Integrations

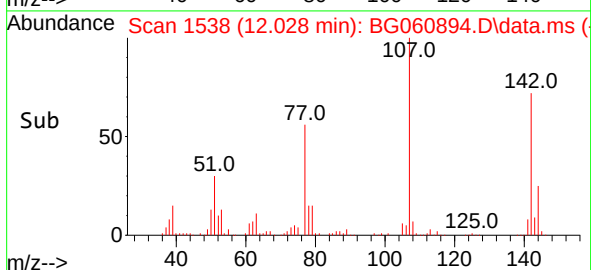
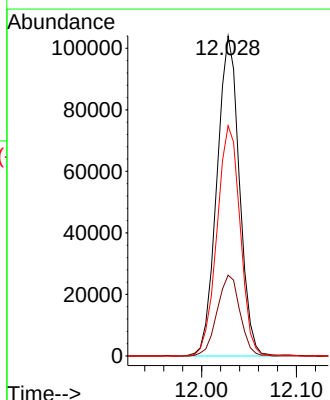
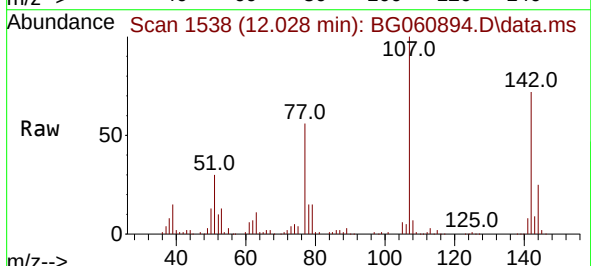
APPROVED

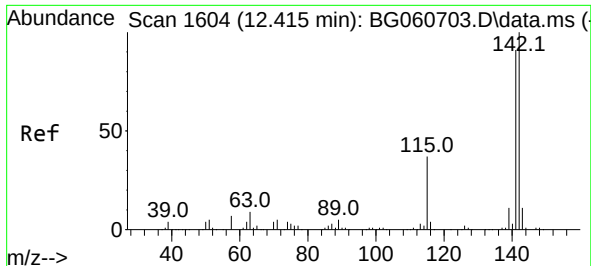
Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024



#36
 4-Chloro-3-methylphenol
 Concen: 44.519 ng
 RT: 12.028 min Scan# 1538
 Delta R.T. 0.001 min
 Lab File: BG060894.D
 Acq: 13 Apr 2024 15:08

Tgt Ion:107 Resp: 171558
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.0 30.0
 142 72.0 59.2 88.8





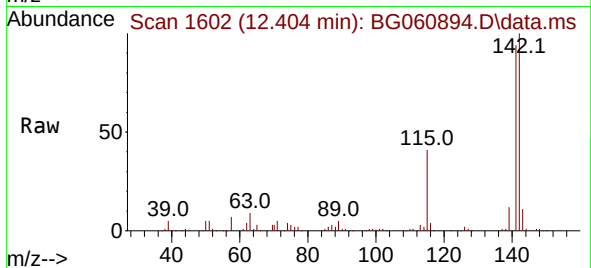
#37
2-Methylnaphthalene
Concen: 37.258 ng
RT: 12.404 min Scan# 1639
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS



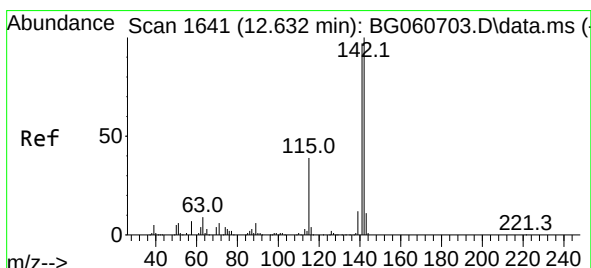
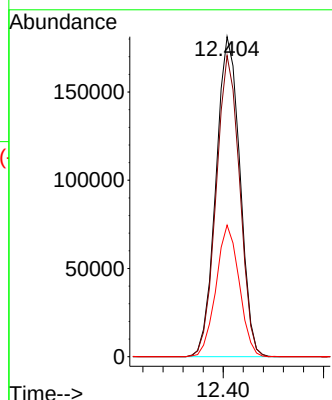
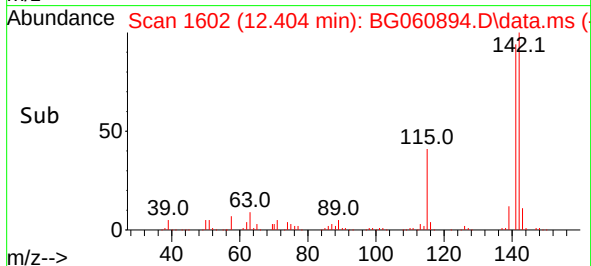
Tgt Ion:142 Resp: 300194
Ion Ratio Lower Upper
142 100
141 94.1 72.7 109.1
115 41.1 29.9 44.9

Manual Integrations

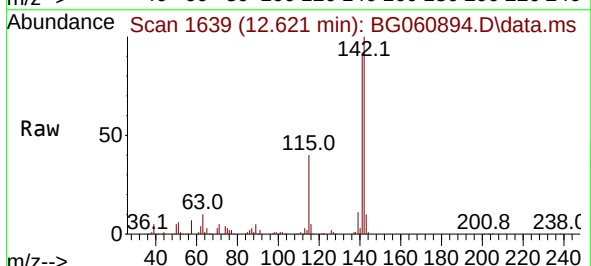
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

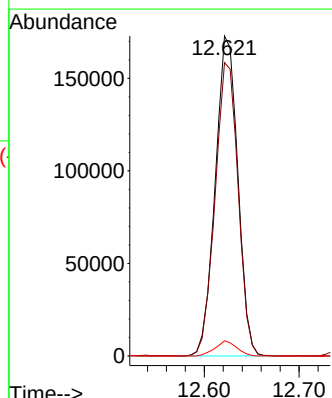
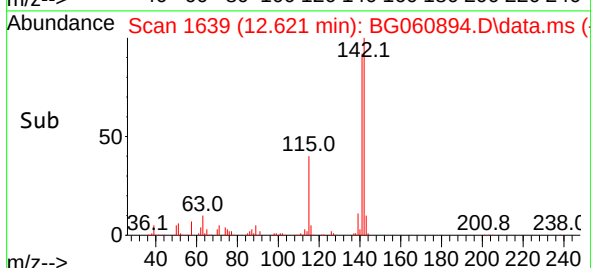
Supervised By :mohammad ahmed 04/17/2024

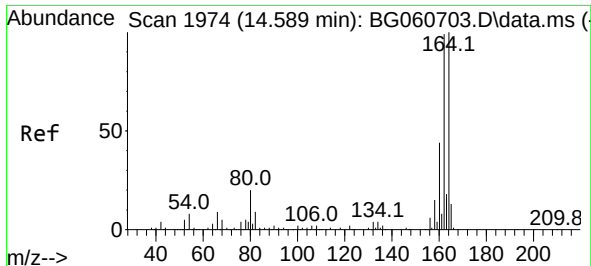


#38
1-Methylnaphthalene
Concen: 37.521 ng
RT: 12.621 min Scan# 1639
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08



Tgt Ion:142 Resp: 285594
Ion Ratio Lower Upper
142 100
141 91.7 77.7 116.5
116 4.7 3.4 5.2





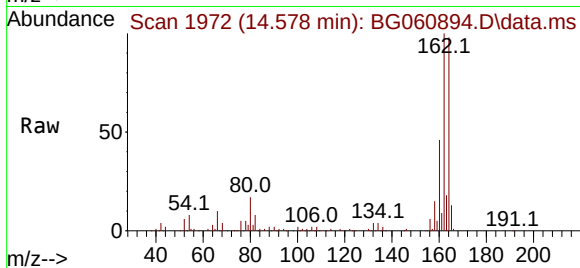
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.578 min Scan# 1974
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

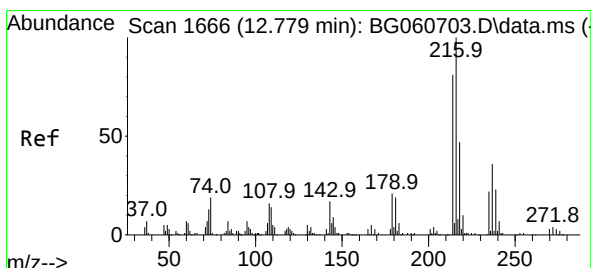
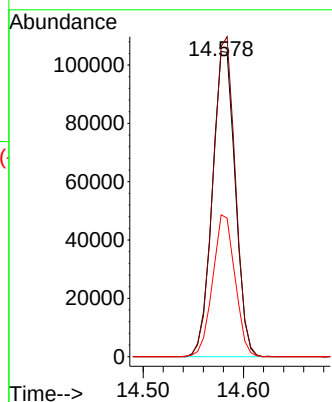
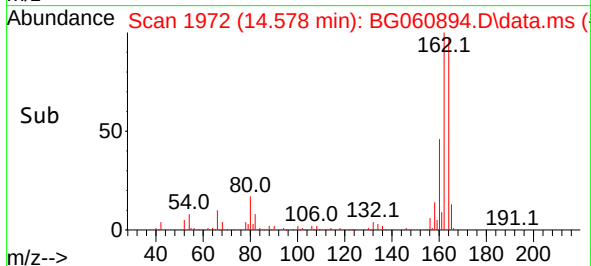


Tgt Ion:164 Resp: 16617
Ion Ratio Lower Upper
164 100
162 101.6 79.5 119.3
160 46.5 35.4 53.0

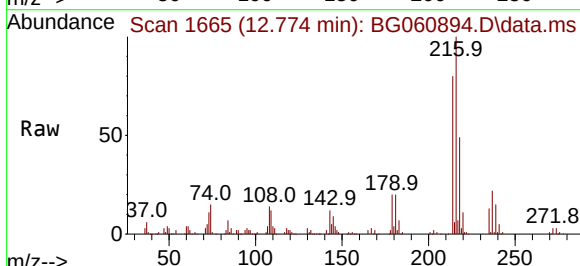
Manual Integrations

APPROVED

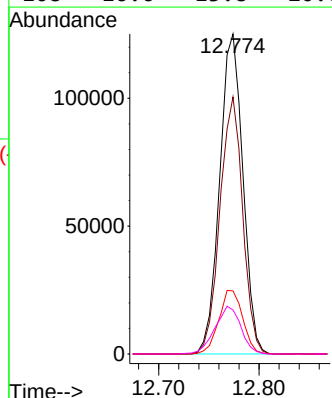
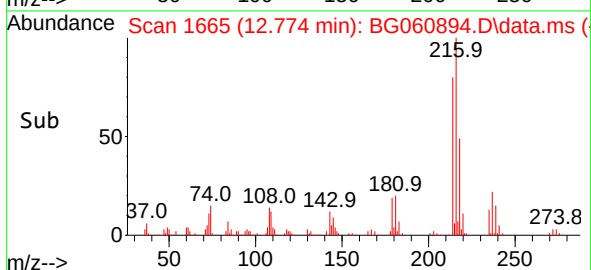
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

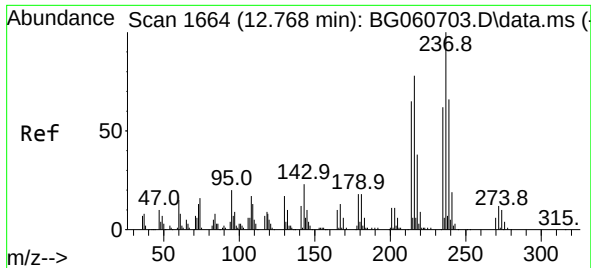


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.985 ng
RT: 12.774 min Scan# 1665
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08



Tgt Ion:216 Resp: 200581
Ion Ratio Lower Upper
216 100
214 78.7 63.1 94.7
179 20.4 16.7 25.1
108 16.6 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 88.439 ng
RT: 12.756 min Scan# 1662
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

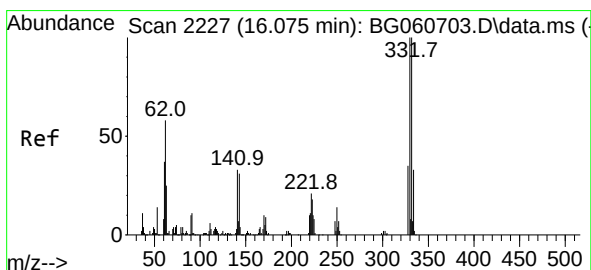
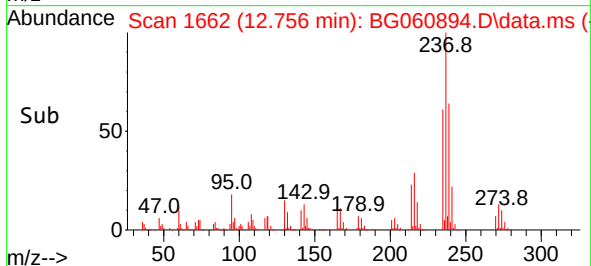
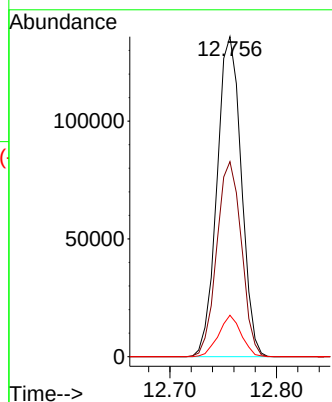
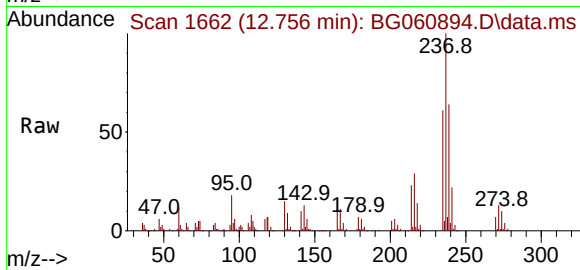
ClientSampleId :

PB160203BS

Tgt Ion:237 Resp: 21483
Ion Ratio Lower Upper
237 100
235 60.9 42.0 82.0
272 12.9 0.0 32.4

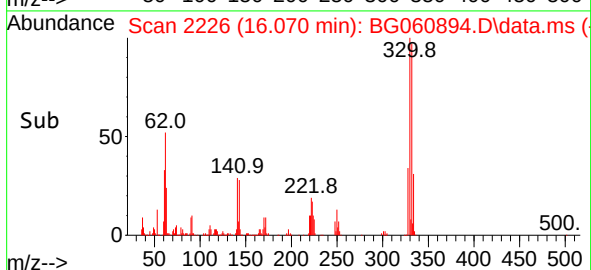
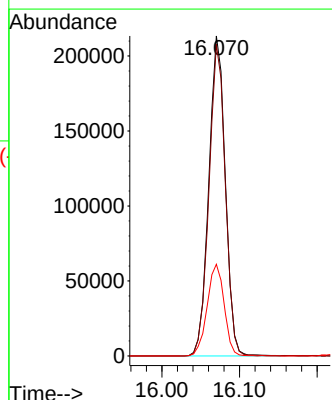
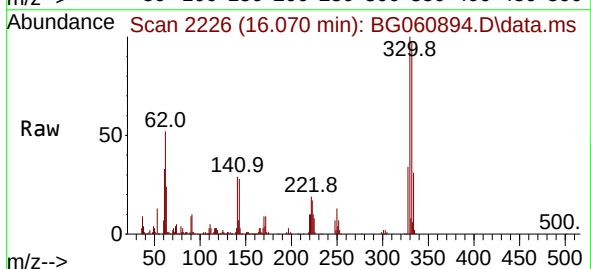
Manual Integrations
APPROVED

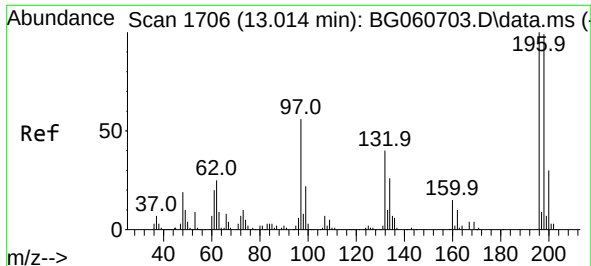
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#42
2,4,6-Tribromophenol
Concen: 167.021 ng
RT: 16.070 min Scan# 2226
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:330 Resp: 315065
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.4
141 29.5 27.0 40.6





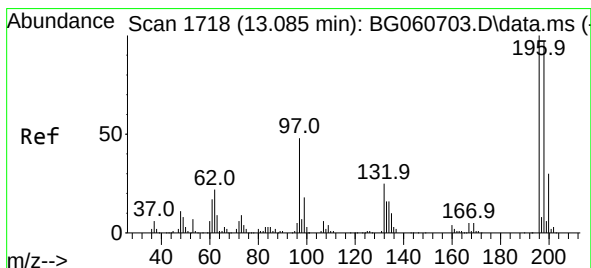
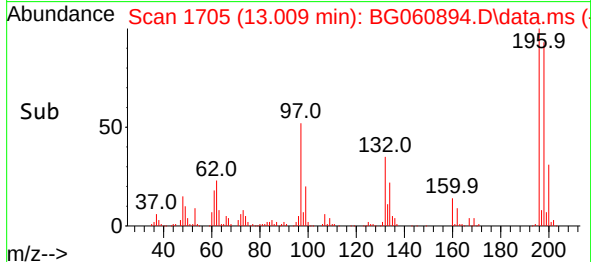
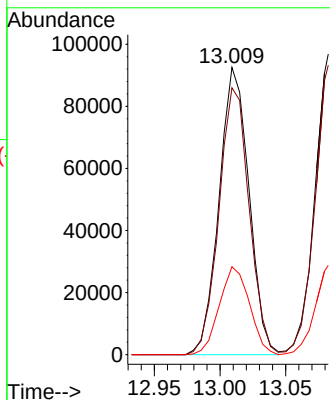
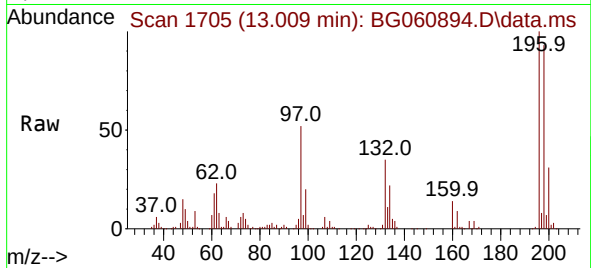
#43
2,4,6-Trichlorophenol
Concen: 47.636 ng
RT: 13.009 min Scan# 1706
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :
BNA_G
ClientSampleId :
PB160203BS

Tgt Ion:196 Resp: 146540
Ion Ratio Lower Upper
196 100
198 92.9 79.1 118.7
200 30.6 24.0 36.0

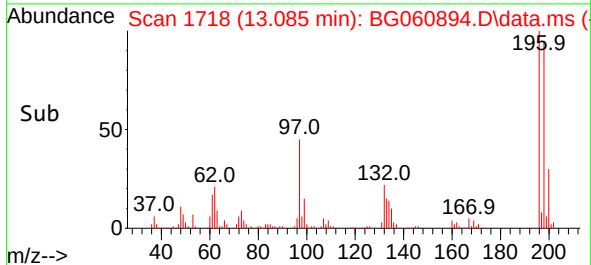
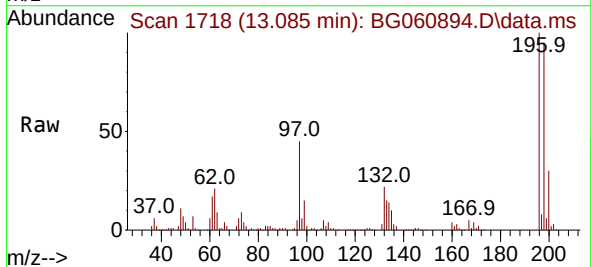
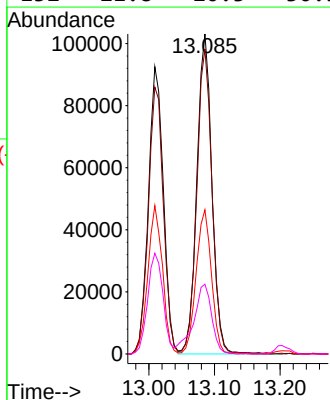
Manual Integrations
APPROVED

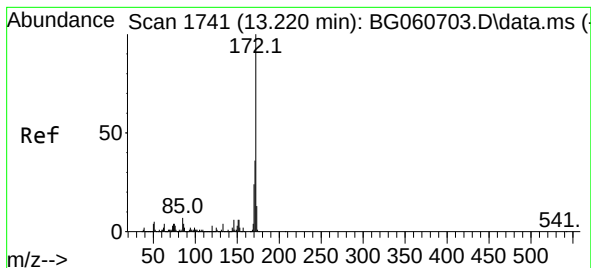
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#44
2,4,5-Trichlorophenol
Concen: 45.021 ng
RT: 13.085 min Scan# 1718
Delta R.T. 0.001 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:196 Resp: 165280
Ion Ratio Lower Upper
196 100
198 95.3 77.8 116.8
97 45.0 38.2 57.4
132 21.8 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 75.282 ng
RT: 13.203 min Scan# 1738
Delta R.T. -0.017 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

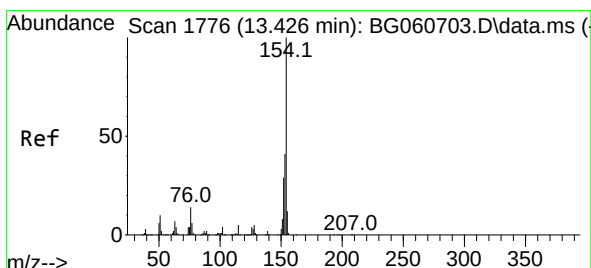
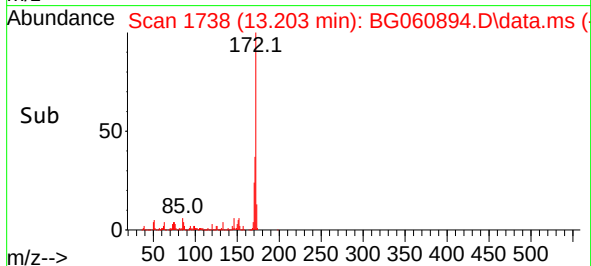
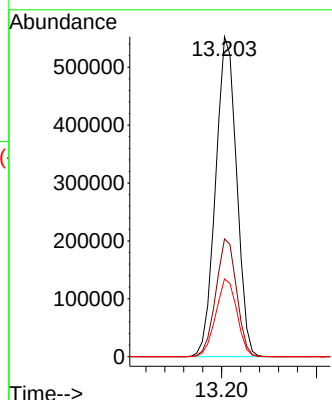
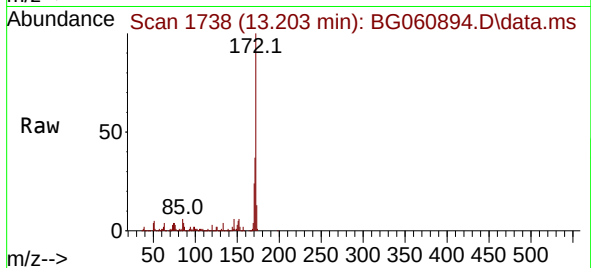
ClientSampleId :

PB160203BS

Tgt Ion:172 Resp: 852399
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 24.3 19.4 29.0

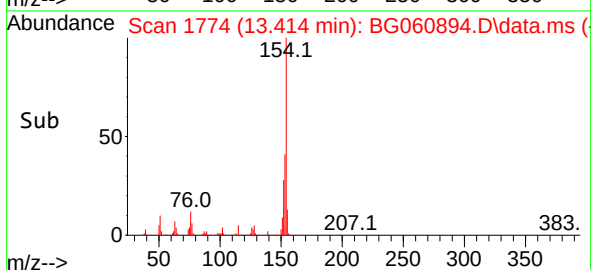
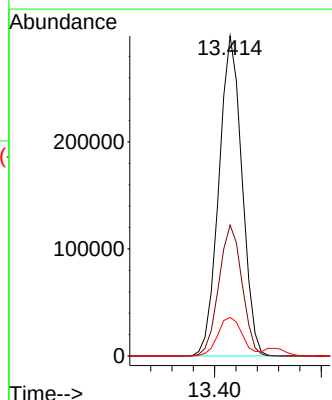
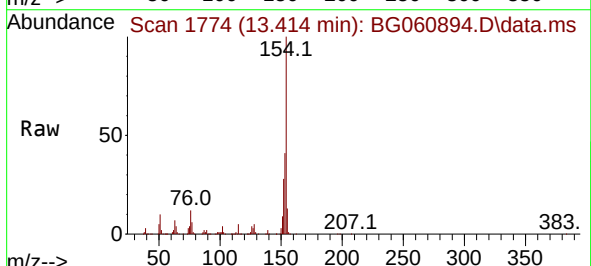
Manual Integrations
APPROVED

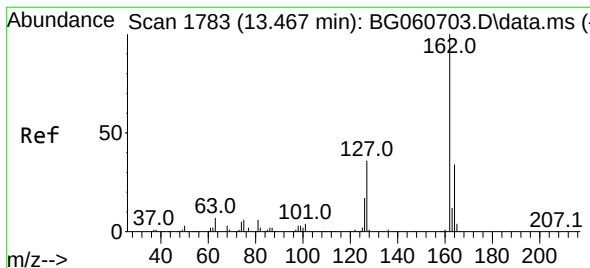
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#46
1,1'-Biphenyl
Concen: 38.319 ng
RT: 13.414 min Scan# 1774
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:154 Resp: 449778
Ion Ratio Lower Upper
154 100
153 40.9 20.8 60.8
76 12.0 0.0 33.9





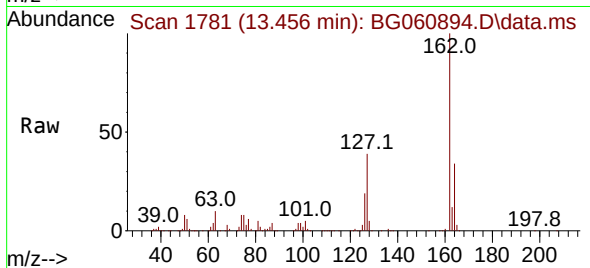
#47
2-Chloronaphthalene
Concen: 39.608 ng
RT: 13.456 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS



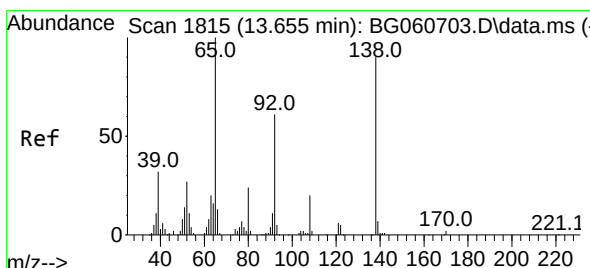
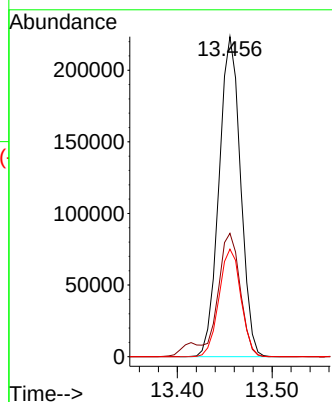
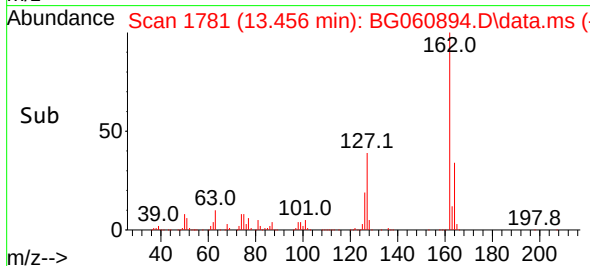
Tgt Ion:162 Resp: 35322
Ion Ratio Lower Upper
162 100
127 38.6 30.6 46.0
164 33.6 26.9 40.3

Manual Integrations

APPROVED

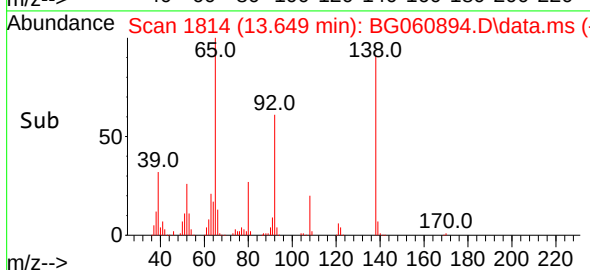
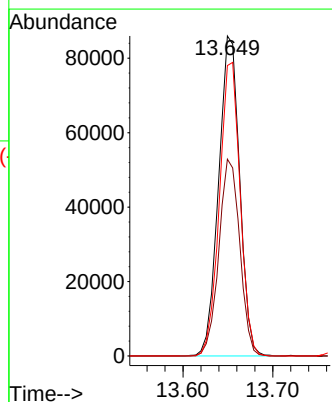
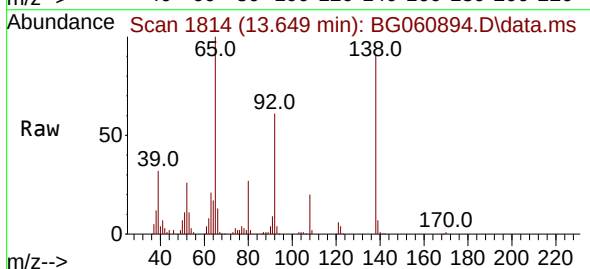
Reviewed By :Yogesh Patel 04/16/2024

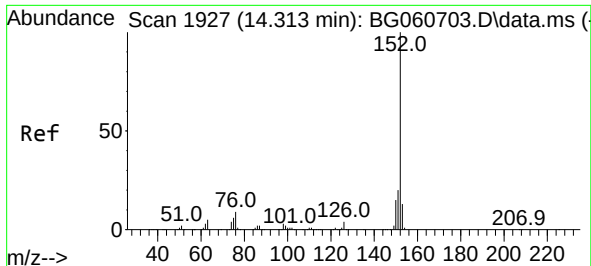
Supervised By :mohammad ahmed 04/17/2024



#48
2-Nitroaniline
Concen: 48.276 ng
RT: 13.649 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion: 65 Resp: 139722
Ion Ratio Lower Upper
65 100
92 61.5 48.6 72.8
138 90.8 72.2 108.4





#49
Acenaphthylene
Concen: 40.146 ng
RT: 14.302 min Scan# 1925
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

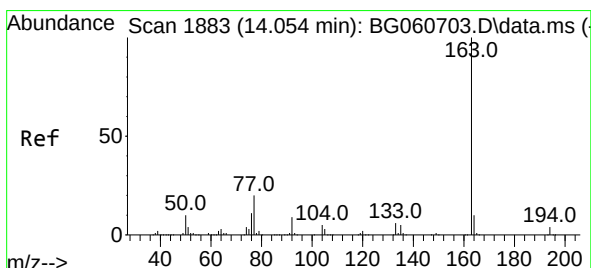
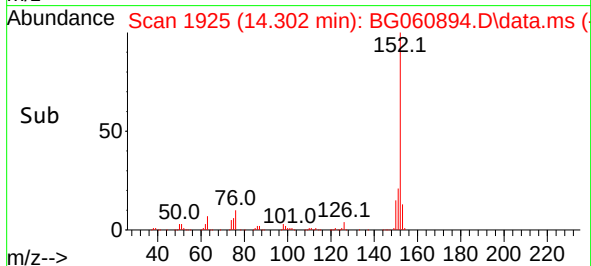
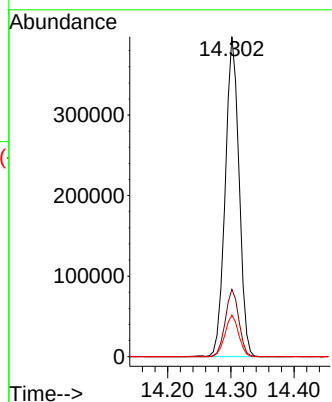
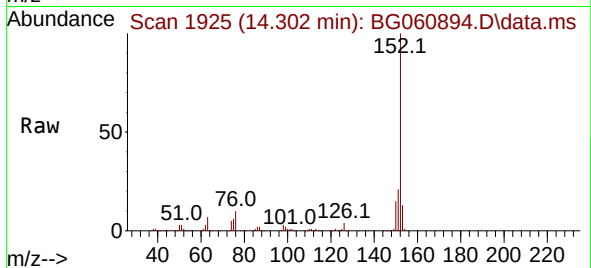
PB160203BS

Tgt Ion:152 Resp: 601570
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 13.0 10.5 15.7

Manual Integrations

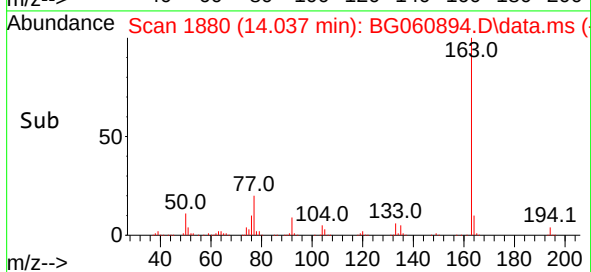
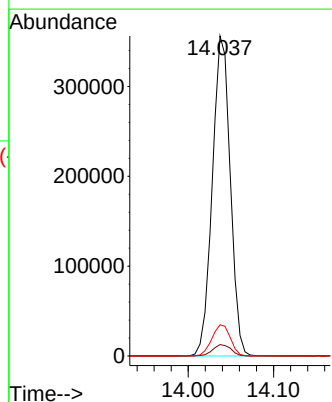
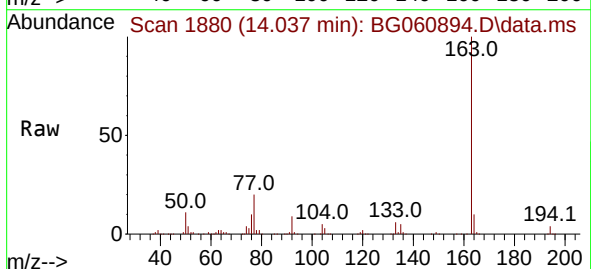
APPROVED

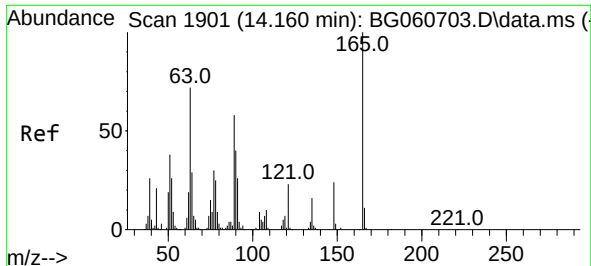
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#50
Dimethylphthalate
Concen: 39.704 ng
RT: 14.037 min Scan# 1880
Delta R.T. -0.017 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:163 Resp: 521497
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.8 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 46.528 ng
RT: 14.155 min Scan# 1901
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

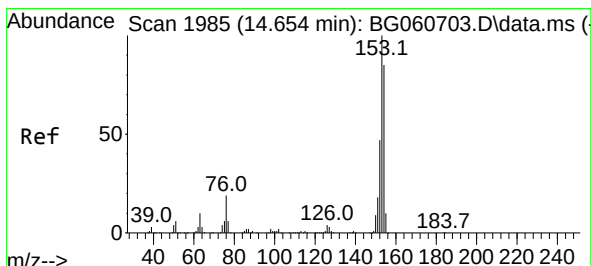
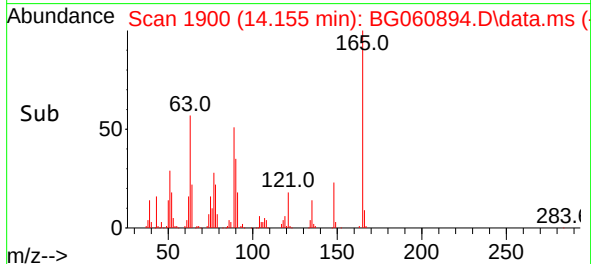
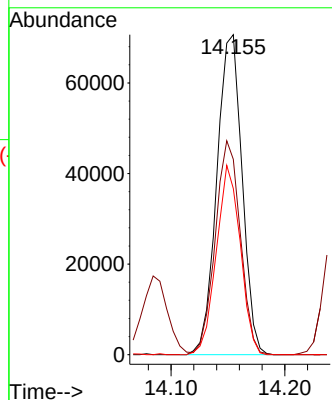
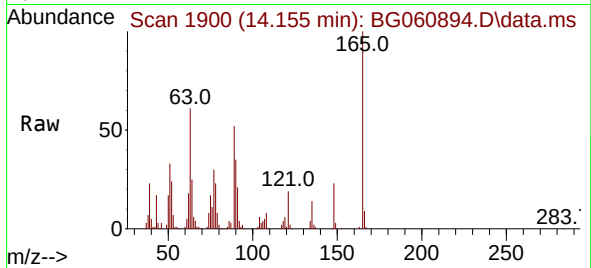
PB160203BS

Tgt Ion:165 Resp: 10914
Ion Ratio Lower Upper
165 100
63 61.0 58.2 87.4
89 51.9 46.1 69.1

Manual Integrations

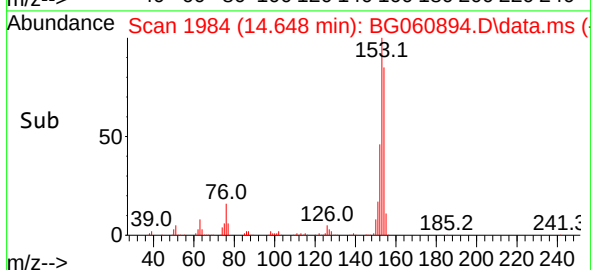
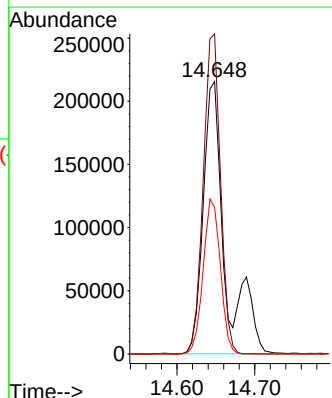
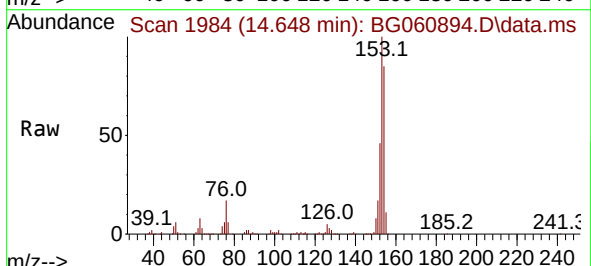
APPROVED

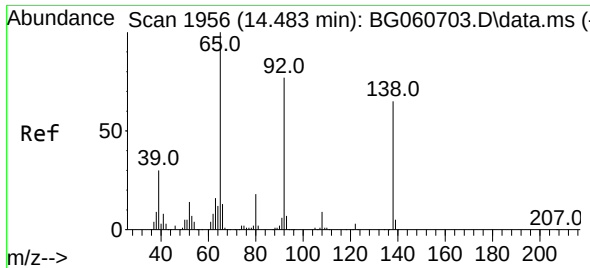
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#52
Acenaphthene
Concen: 44.973 ng m
RT: 14.648 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:154 Resp: 423112
Ion Ratio Lower Upper
154 100
153 117.4 93.9 140.9
152 53.8 44.1 66.1





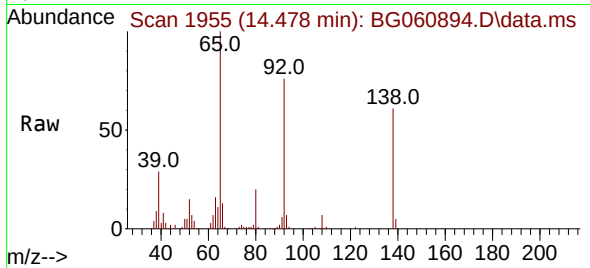
#53
3-Nitroaniline
Concen: 29.353 ng
RT: 14.478 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS



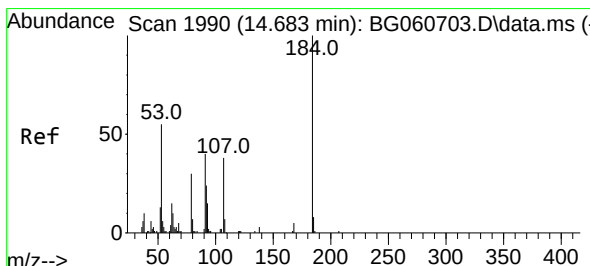
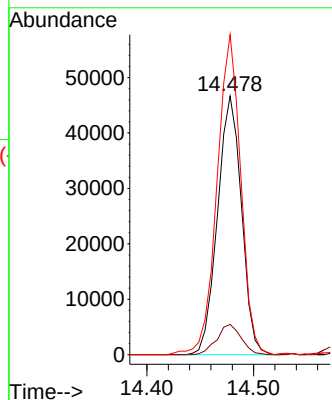
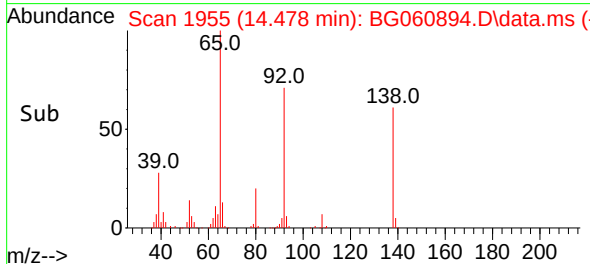
Tgt Ion:138 Resp: 7268
Ion Ratio Lower Upper
138 100
108 11.7 11.3 16.9
92 123.7 94.1 141.1

Manual Integrations

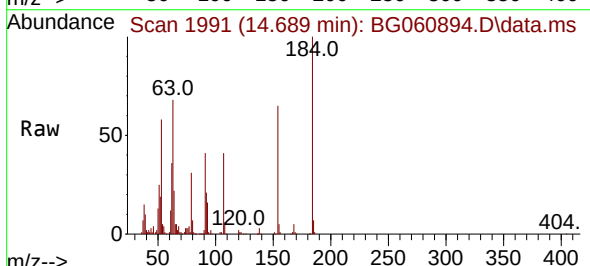
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

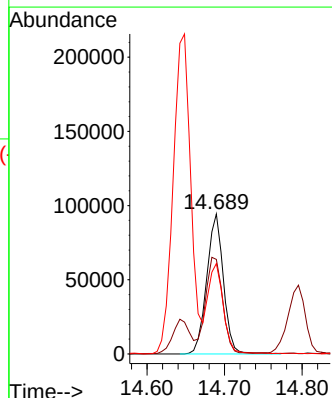
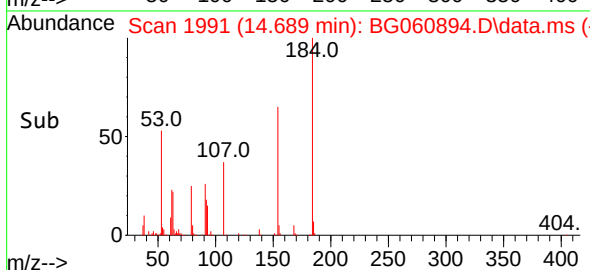
Supervised By :mohammad ahmed 04/17/2024

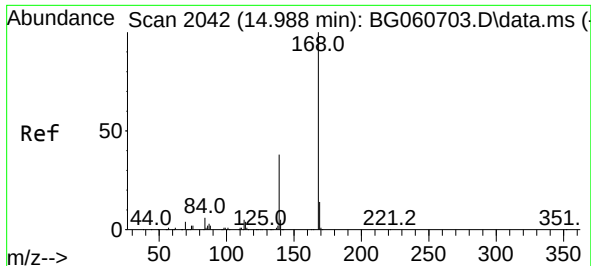


#54
2,4-Dinitrophenol
Concen: 154.413 ng
RT: 14.689 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08



Tgt Ion:184 Resp: 141173
Ion Ratio Lower Upper
184 100
63 67.6 51.3 76.9
154 64.6 59.9 89.9





#55
Dibenzenofuran
Concen: 38.604 ng
RT: 14.977 min Scan# 2040
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

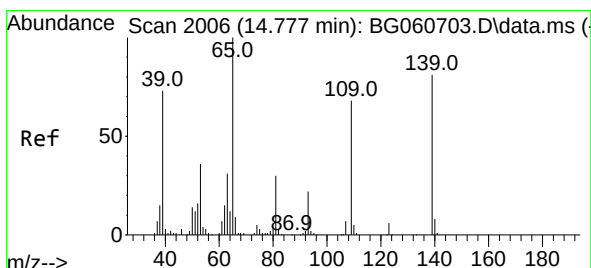
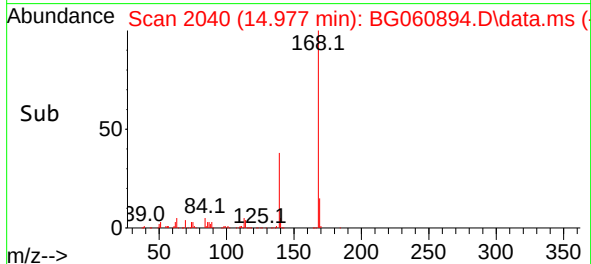
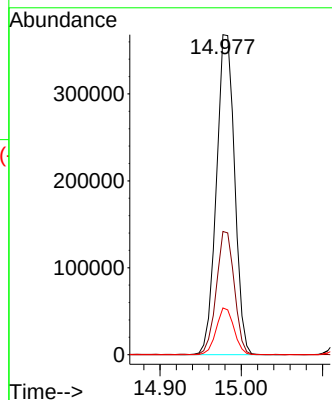
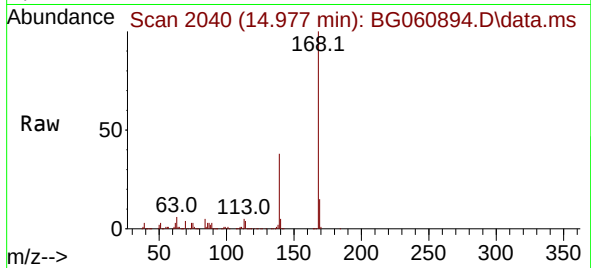
PB160203BS

Tgt Ion:168 Resp: 572874
Ion Ratio Lower Upper
168 100
139 38.5 30.1 45.1
169 14.6 11.0 16.4

Manual Integrations

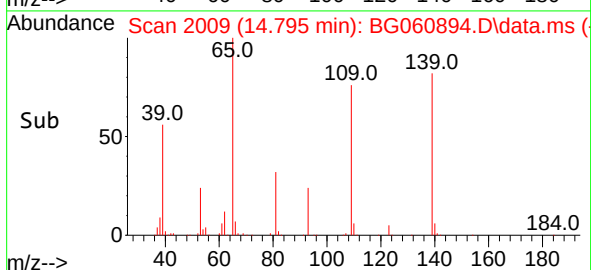
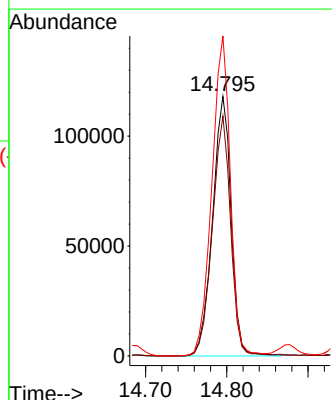
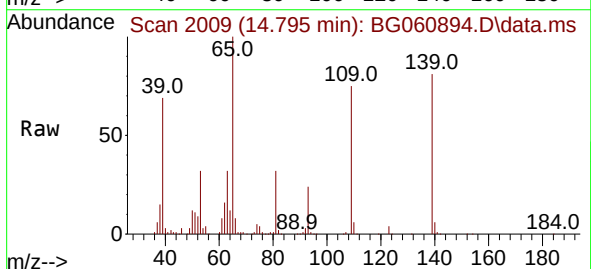
APPROVED

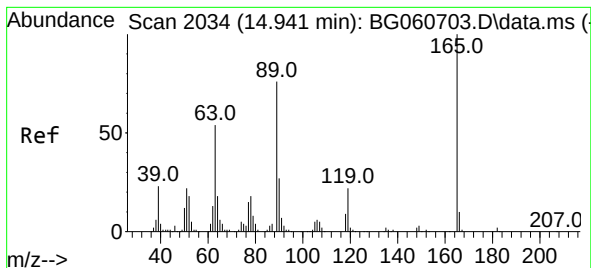
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#56
4-Nitrophenol
Concen: 97.523 ng
RT: 14.795 min Scan# 2009
Delta R.T. 0.018 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:139 Resp: 187260
Ion Ratio Lower Upper
139 100
109 92.4 64.0 104.0
65 123.3 104.3 144.3





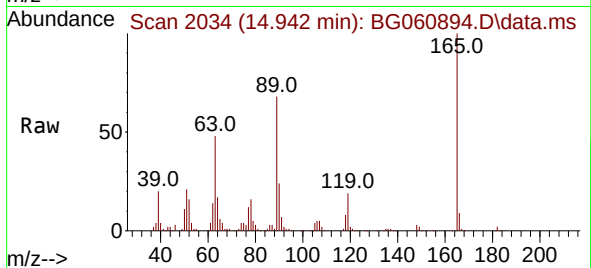
#57
2,4-Dinitrotoluene
Concen: 51.586 ng
RT: 14.942 min Scan# 2034
Delta R.T. 0.001 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

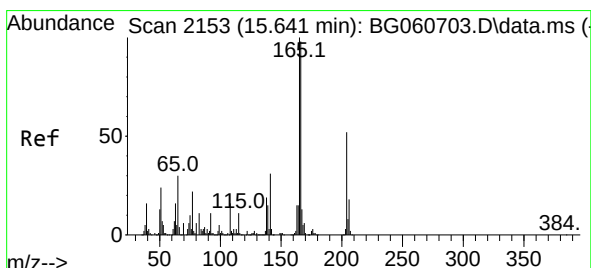
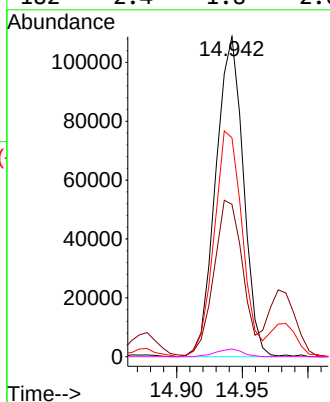
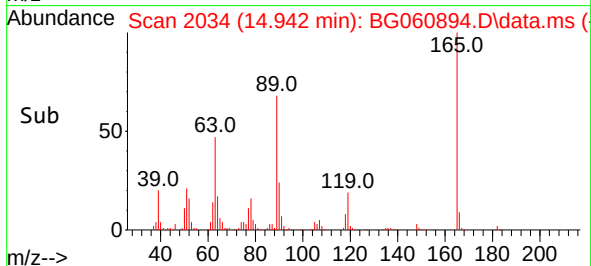


Tgt Ion:165 Resp: 15914
Ion Ratio Lower Upper
165 100
63 47.6 43.4 65.0
89 68.4 61.0 91.6
182 2.4 1.8 2.6

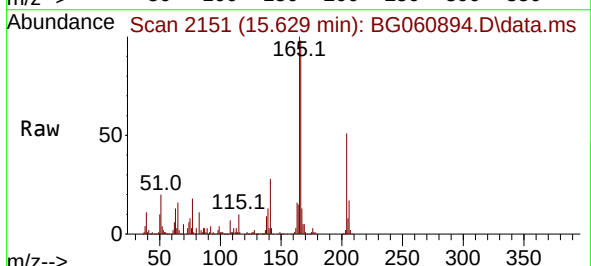
Manual Integrations

APPROVED

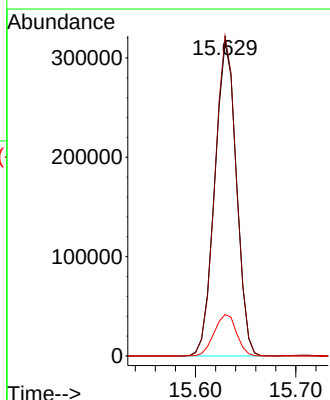
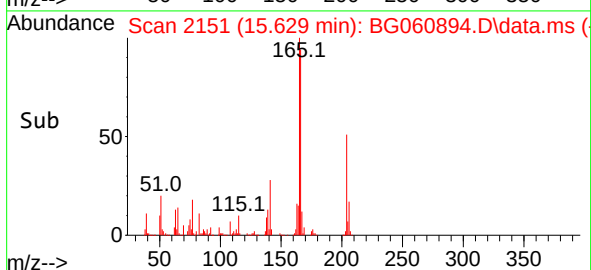
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

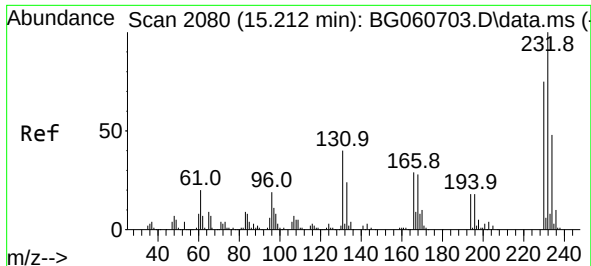


#58
Fluorene
Concen: 39.806 ng
RT: 15.629 min Scan# 2151
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08



Tgt Ion:166 Resp: 474089
Ion Ratio Lower Upper
166 100
165 101.9 81.8 122.8
167 13.2 10.9 16.3





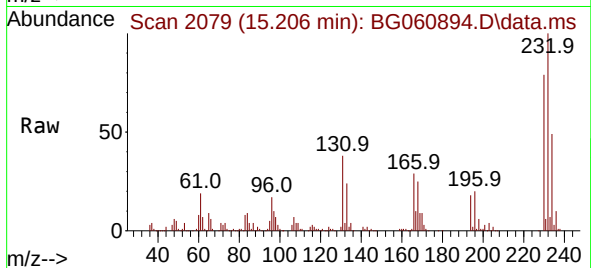
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.014 ng
RT: 15.206 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS



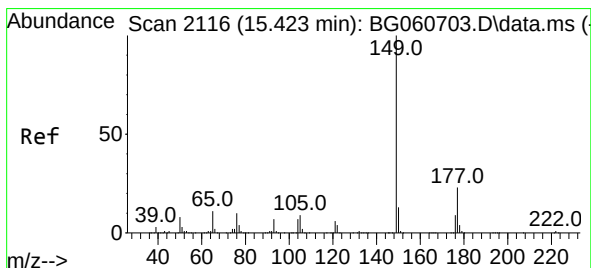
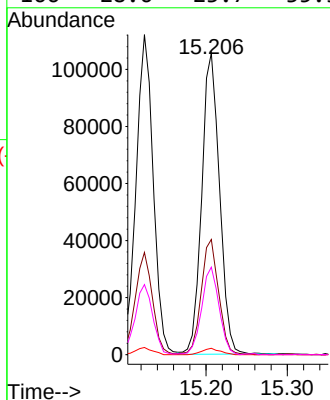
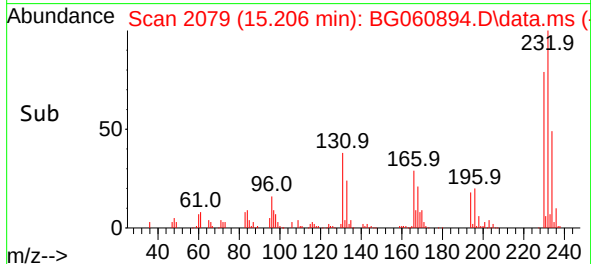
Tgt Ion:232 Resp: 160009
Ion Ratio Lower Upper
232 100
131 37.7 32.2 48.2
130 2.2 2.1 3.1
166 28.6 23.7 35.5

Manual Integrations

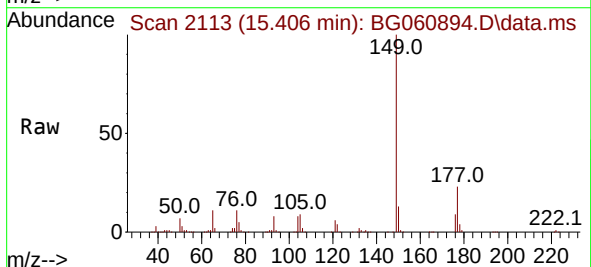
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

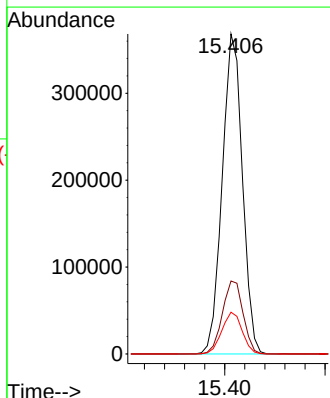
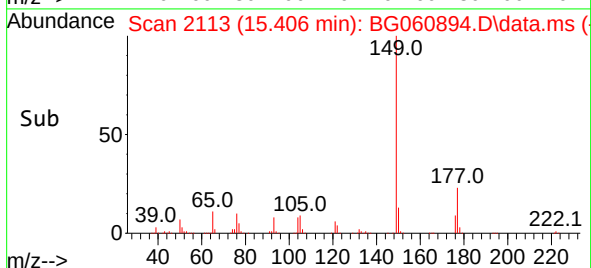
Supervised By :mohammad ahmed 04/17/2024

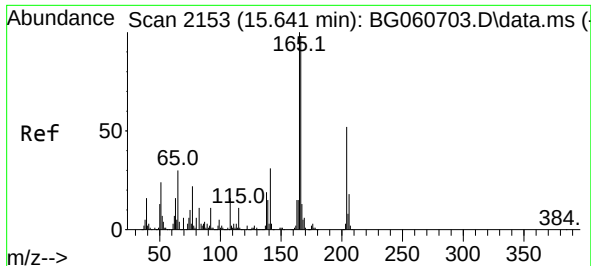


#60
Diethylphthalate
Concen: 38.822 ng
RT: 15.406 min Scan# 2113
Delta R.T. -0.017 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08



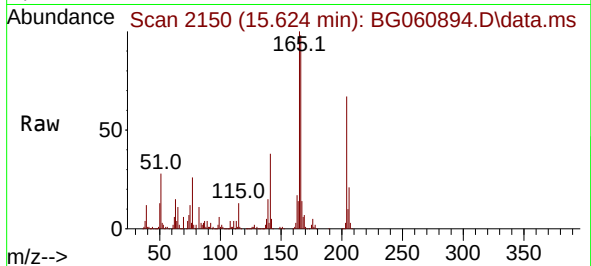
Tgt Ion:149 Resp: 513019
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 13.1 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.056 ng
RT: 15.624 min Scan# 2150
Delta R.T. -0.017 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

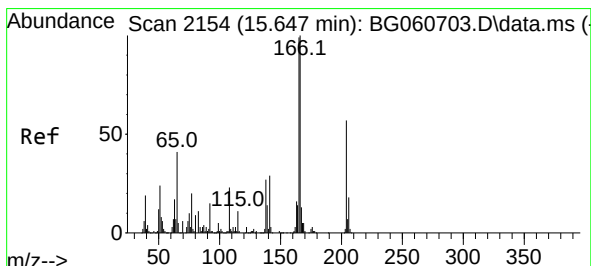
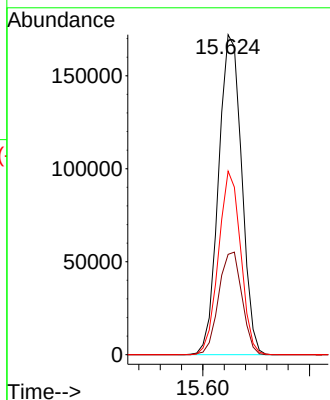
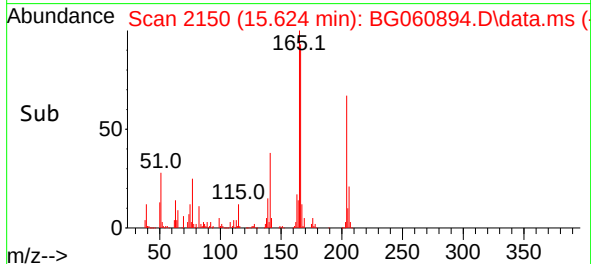
Instrument :
BNA_G
ClientSampleId :
PB160203BS



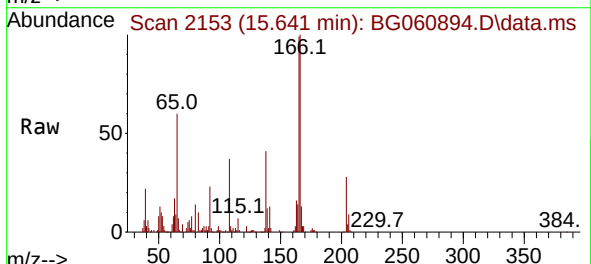
Tgt Ion:204 Resp: 258690
Ion Ratio Lower Upper
204 100
206 31.4 28.3 42.5
141 57.4 47.2 70.8

Manual Integrations
APPROVED

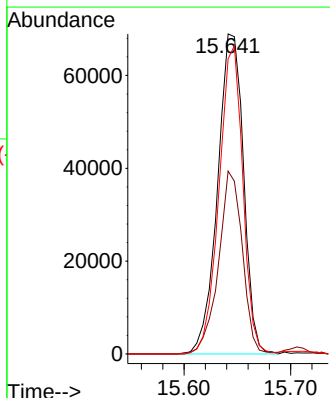
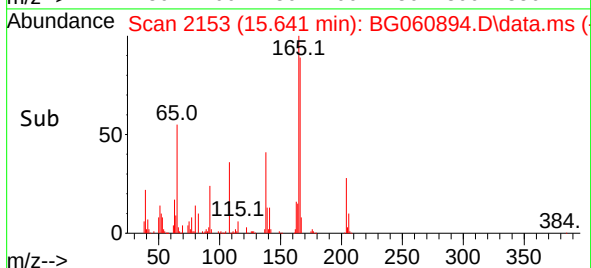
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

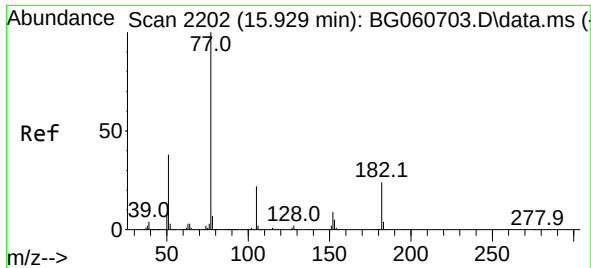


#62
4-Nitroaniline
Concen: 48.436 ng
RT: 15.641 min Scan# 2153
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08



Tgt Ion:138 Resp: 116317
Ion Ratio Lower Upper
138 100
92 57.2 36.8 76.8
108 92.2 66.9 106.9





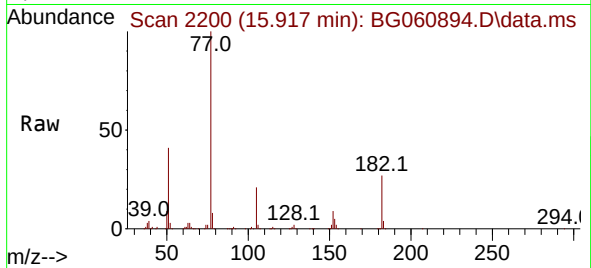
#63
Azobenzene
Concen: 37.014 ng
RT: 15.917 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS



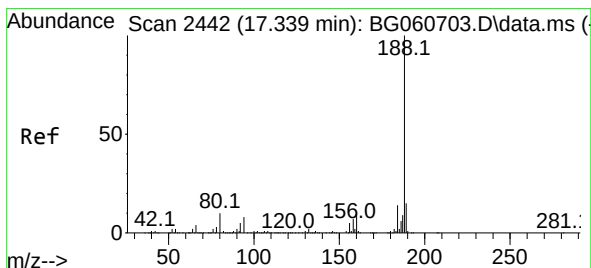
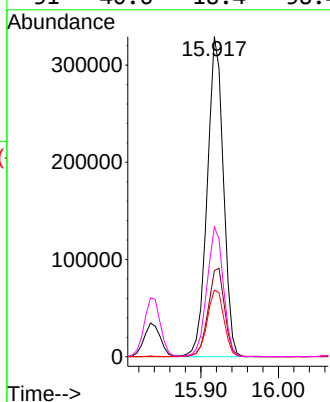
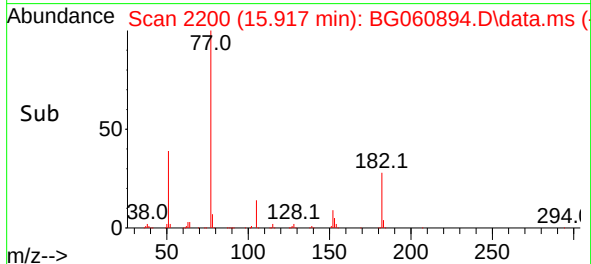
Tgt Ion: 77 Resp: 47663
Ion Ratio Lower Upper
77 100
182 26.9 3.9 43.9
105 20.8 1.7 41.7
51 40.6 18.4 58.4

Manual Integrations

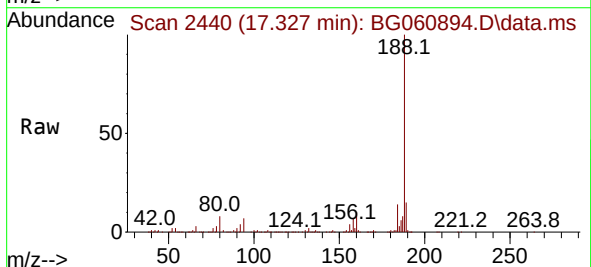
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

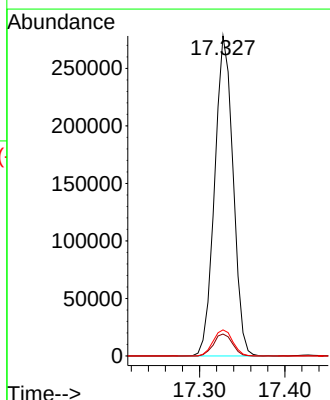
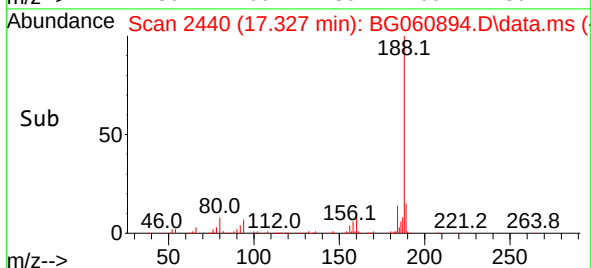
Supervised By :mohammad ahmed 04/17/2024

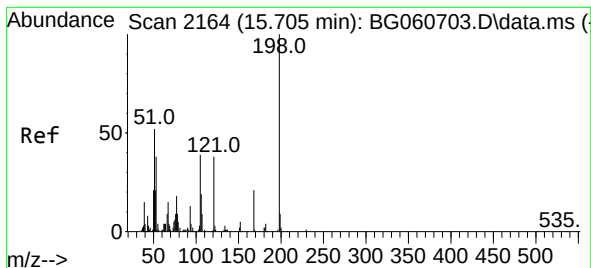


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2440
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08



Tgt Ion:188 Resp: 417646
Ion Ratio Lower Upper
188 100
94 6.9 6.6 9.8
80 8.2 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 57.110 ng
RT: 15.706 min Scan# 2164
Delta R.T. 0.001 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

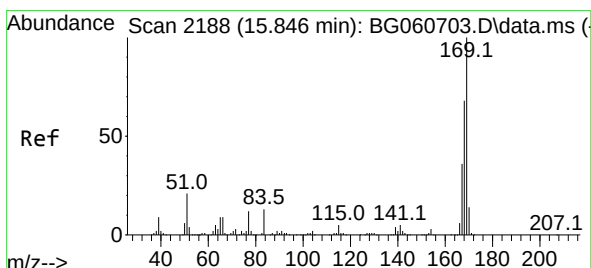
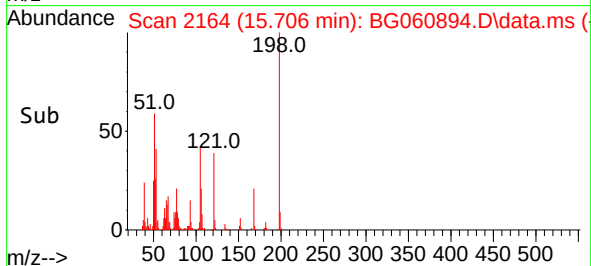
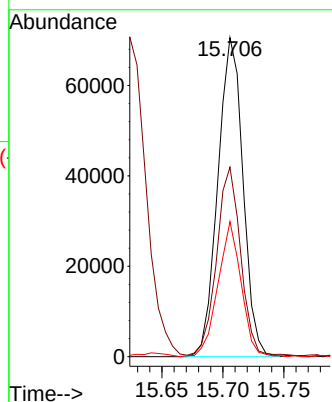
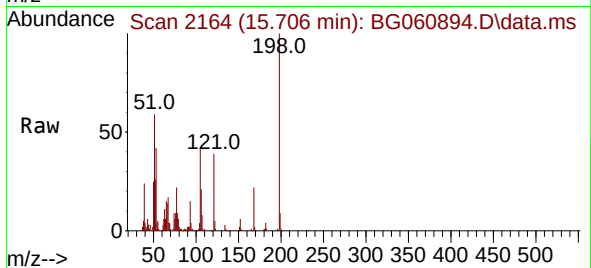
ClientSampleId :

PB160203BS

Tgt Ion:198 Resp: 101130
Ion Ratio Lower Upper
198 100
51 59.4 36.7 76.7
105 42.3 19.1 59.1

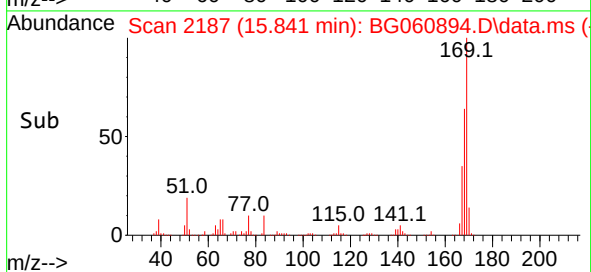
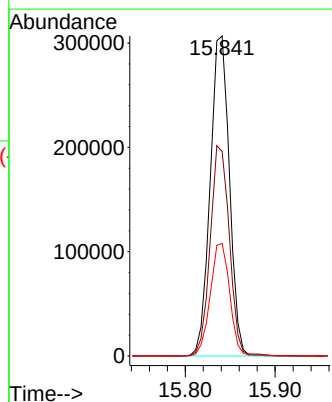
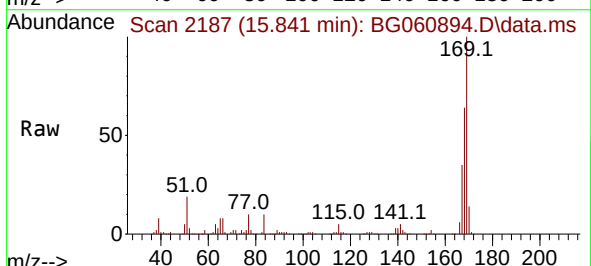
Manual Integrations
APPROVED

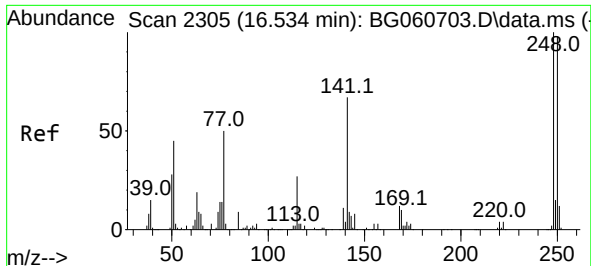
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#66
n-Nitrosodiphenylamine
Concen: 38.160 ng
RT: 15.841 min Scan# 2187
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:169 Resp: 455430
Ion Ratio Lower Upper
169 100
168 63.9 54.5 81.7
167 35.2 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 43.687 ng
RT: 16.523 min Scan# 211
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

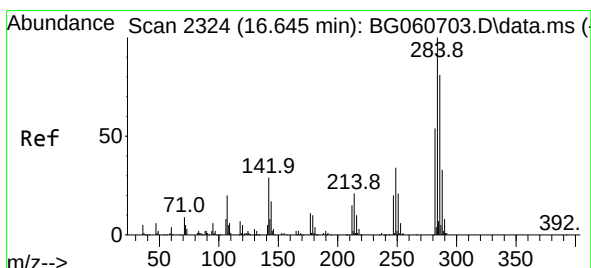
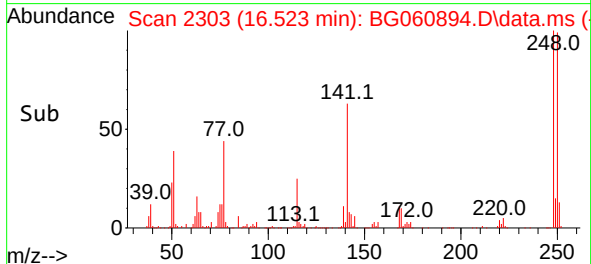
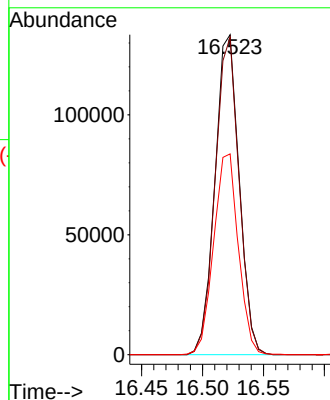
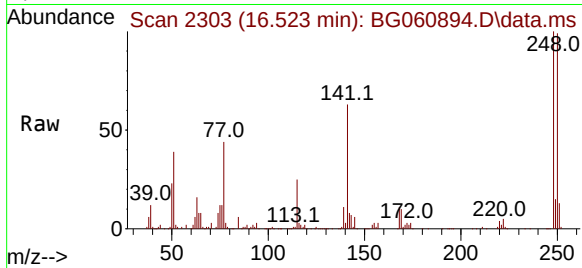
PB160203BS

Tgt Ion:248 Resp: 18517
Ion Ratio Lower Upper
248 100
250 99.2 78.3 117.5
141 62.8 53.7 80.5

Manual Integrations

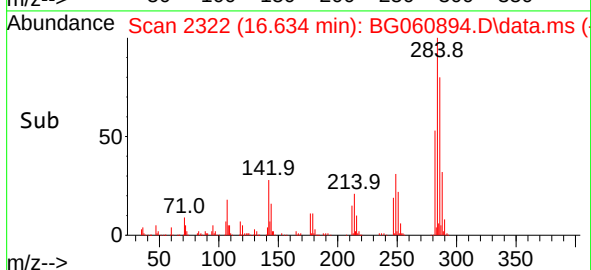
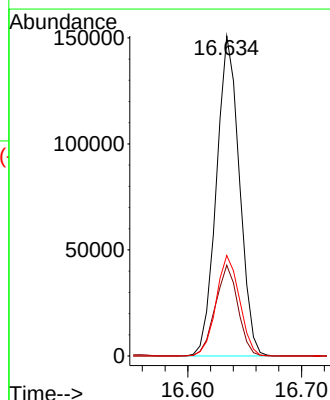
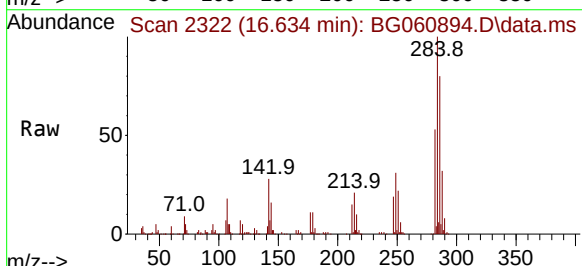
APPROVED

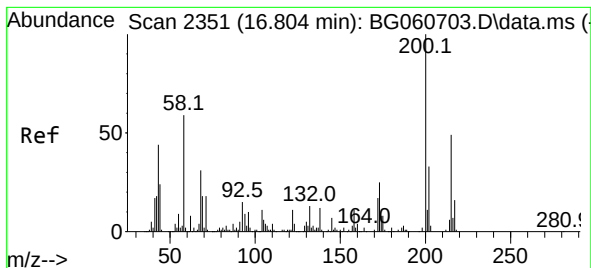
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#68
Hexachlorobenzene
Concen: 44.201 ng
RT: 16.634 min Scan# 2322
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:284 Resp: 211491
Ion Ratio Lower Upper
284 100
142 28.4 22.9 34.3
249 31.4 27.1 40.7





#69

Atrazine

Concen: 43.508 ng

RT: 16.793 min Scan# 21

Delta R.T. -0.011 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

Tgt Ion:200 Resp: 18158

Ion Ratio Lower Upper

200 100

173 23.6 5.2 45.2

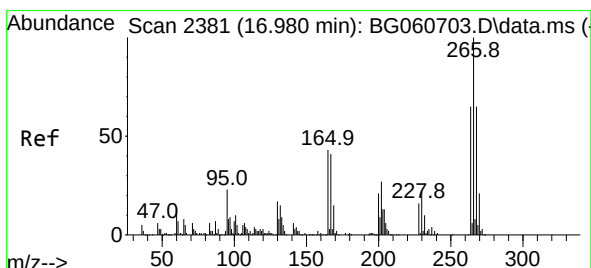
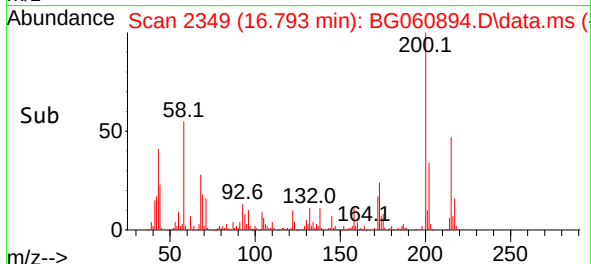
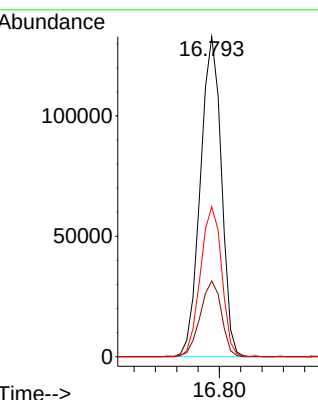
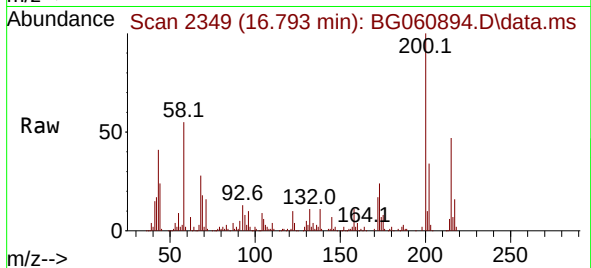
215 46.8 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#70

Pentachlorophenol

Concen: 91.133 ng

RT: 16.981 min Scan# 2381

Delta R.T. 0.001 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

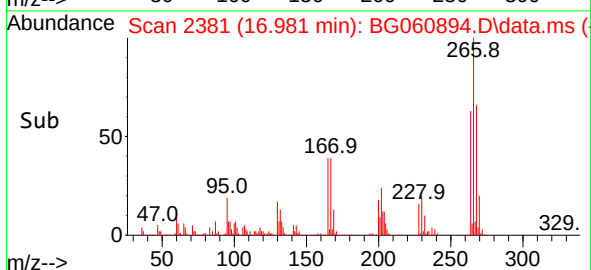
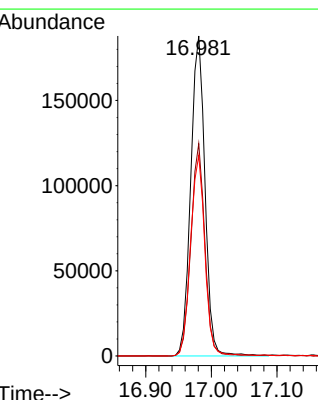
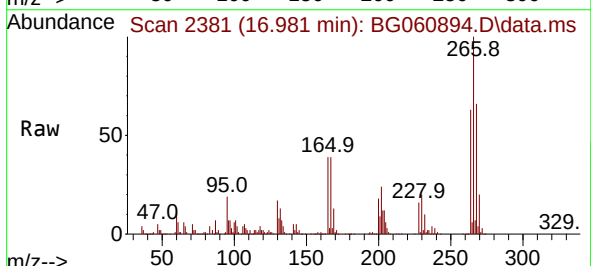
Tgt Ion:266 Resp: 284525

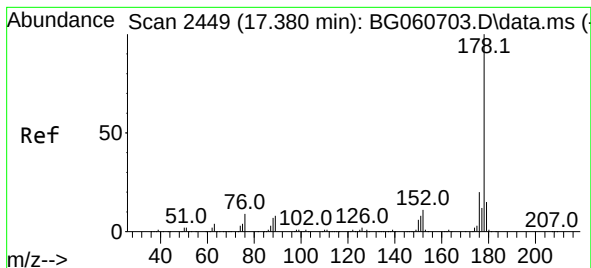
Ion Ratio Lower Upper

266 100

268 66.3 52.2 78.4

264 62.7 51.8 77.6





#71

Phenanthrene

Concen: 38.406 ng

RT: 17.374 min Scan# 2449

Delta R.T. -0.005 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

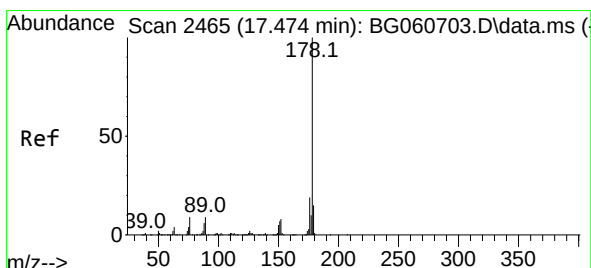
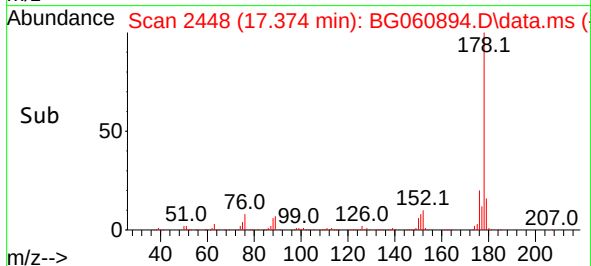
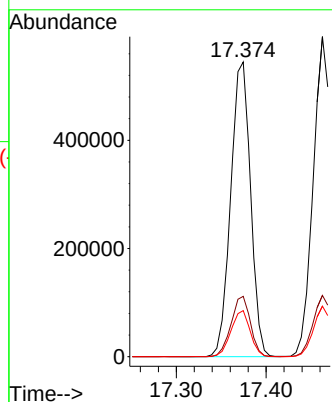
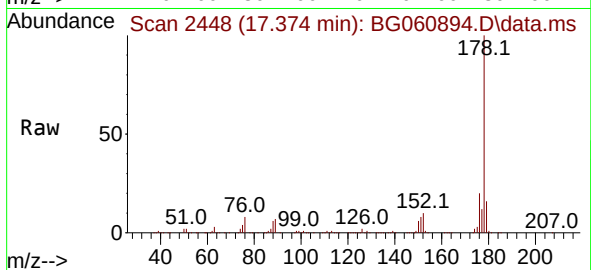
PB160203BS

Tgt Ion:178 Resp: 834214
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.8 23.6
 179 15.6 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024



#72

Anthracene

Concen: 38.728 ng

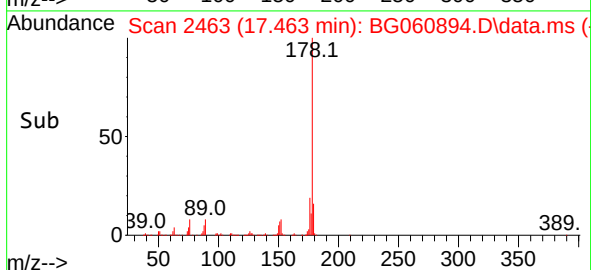
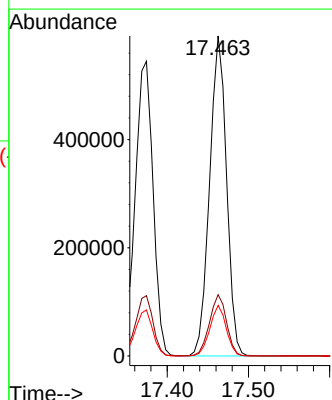
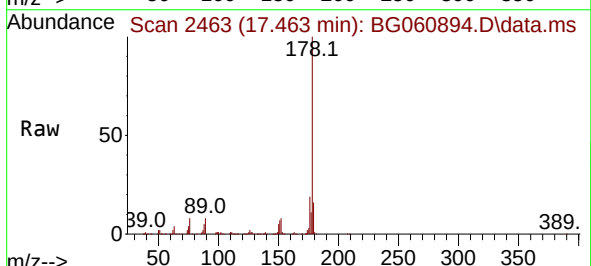
RT: 17.463 min Scan# 2463

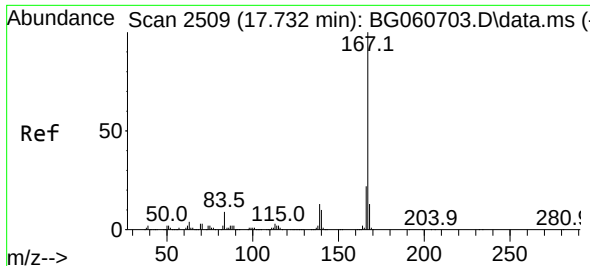
Delta R.T. -0.011 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

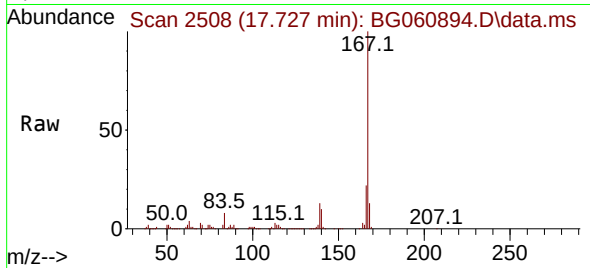
Tgt Ion:178 Resp: 854296
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.5 23.3
 179 15.8 12.2 18.2





#73
Carbazole
Concen: 39.246 ng
RT: 17.727 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

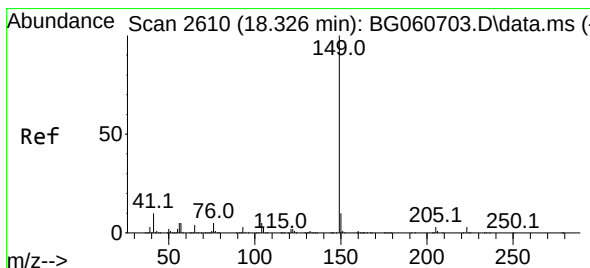
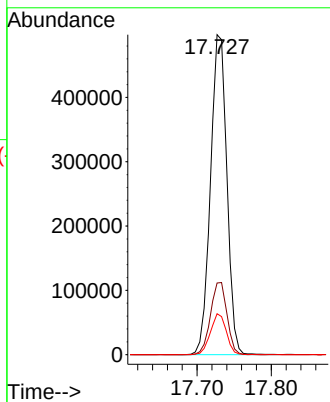
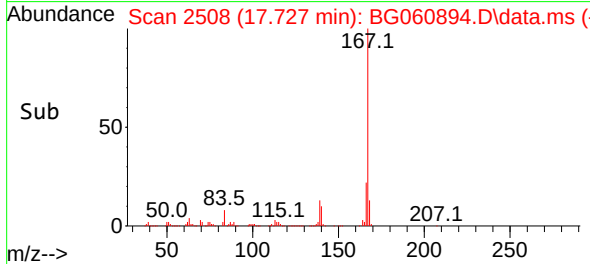
Instrument :
BNA_G
ClientSampleId :
PB160203BS



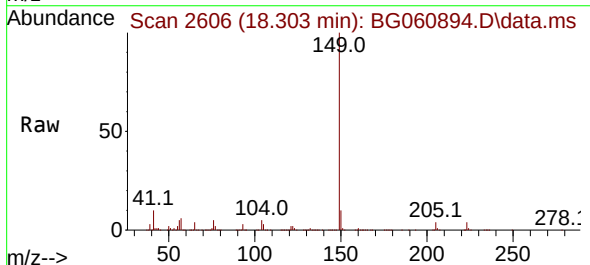
Tgt Ion:167 Resp: 763300
Ion Ratio Lower Upper
167 100
166 22.4 18.0 27.0
139 12.8 10.5 15.7

Manual Integrations
APPROVED

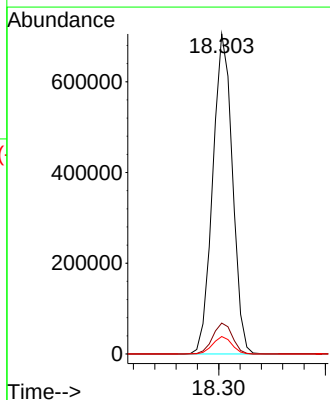
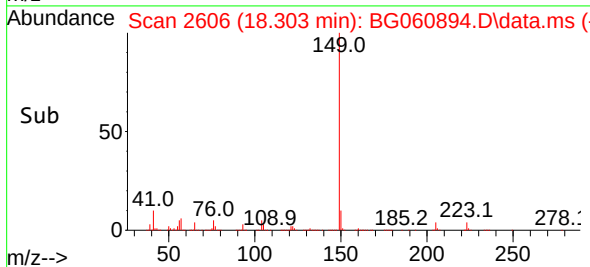
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

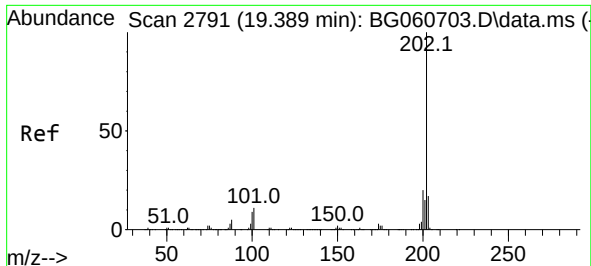


#74
Di-n-butylphthalate
Concen: 37.334 ng
RT: 18.303 min Scan# 2606
Delta R.T. -0.023 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08



Tgt Ion:149 Resp: 905264
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 5.5 4.2 6.4





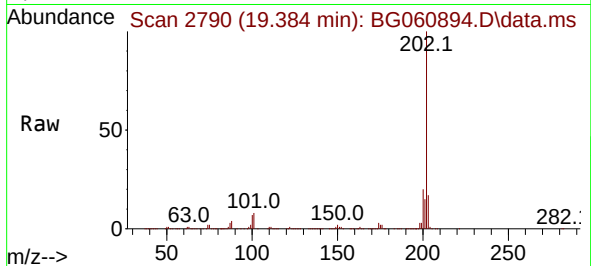
#75
Fluoranthene
Concen: 39.269 ng
RT: 19.384 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS



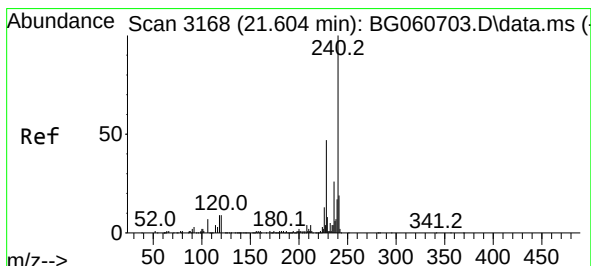
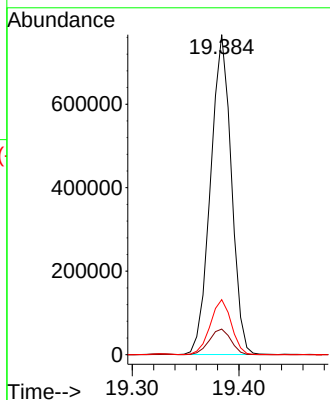
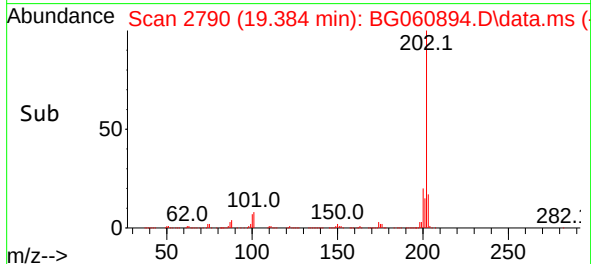
Tgt Ion:202 Resp: 103502
Ion Ratio Lower Upper
202 100
101 8.0 0.0 30.8
203 17.2 0.0 37.4

Manual Integrations

APPROVED

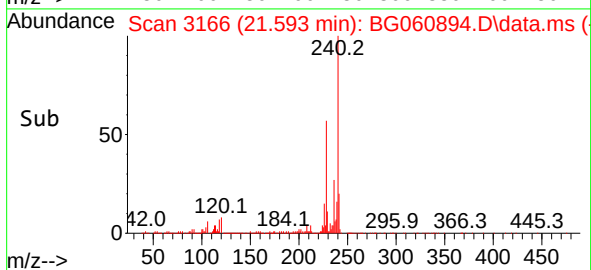
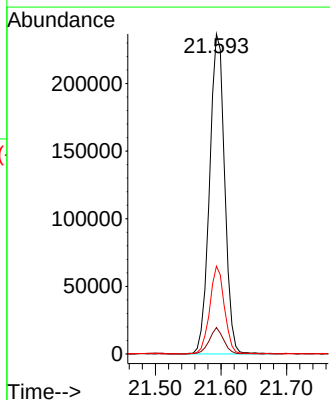
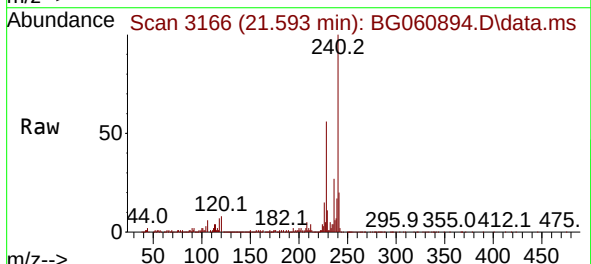
Reviewed By :Yogesh Patel 04/16/2024

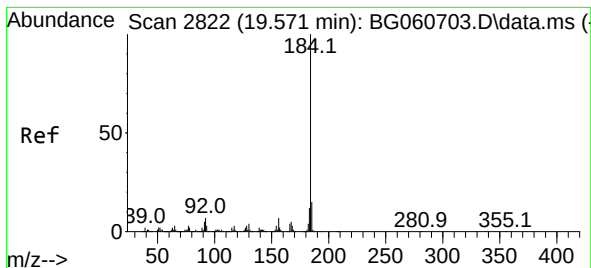
Supervised By :mohammad ahmed 04/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.593 min Scan# 3166
Delta R.T. -0.011 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Tgt Ion:240 Resp: 377808
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 27.5 20.7 31.1





#77

Benzidine

Concen: 20.944 ng

RT: 19.560 min Scan# 21

Delta R.T. -0.011 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

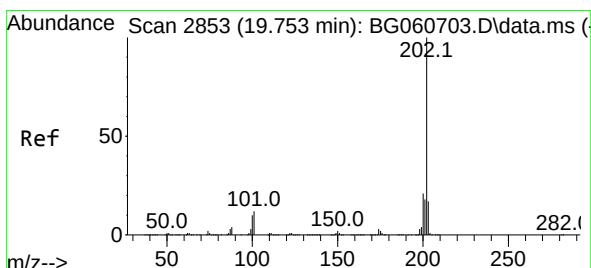
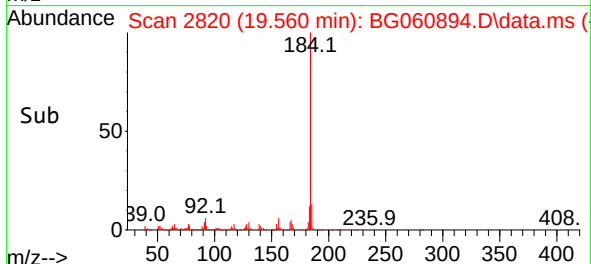
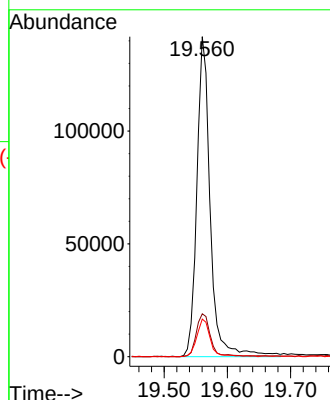
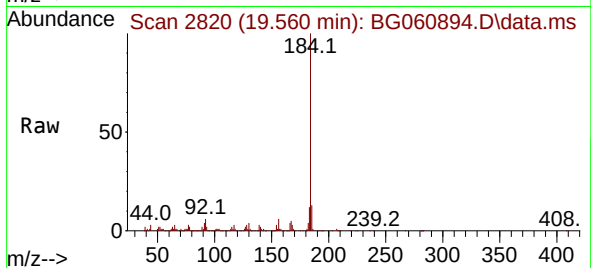
Tgt Ion:184	Resp: 20835
Ion Ratio	Lower Upper
184	100
185	13.4 11.8 17.6
183	11.7 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#78

Pyrene

Concen: 40.037 ng

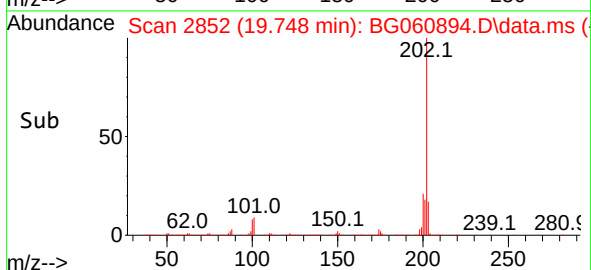
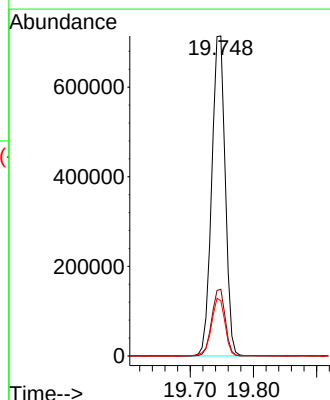
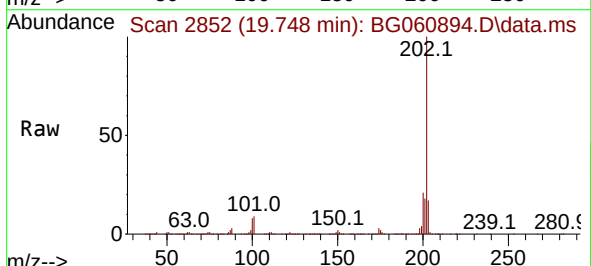
RT: 19.748 min Scan# 2852

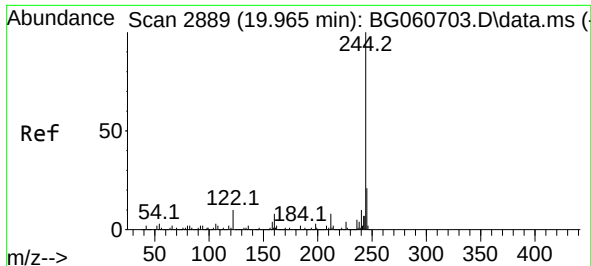
Delta R.T. -0.005 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Tgt Ion:202	Resp: 1057894
Ion Ratio	Lower Upper
202	100
200	20.9 17.0 25.4
203	17.3 14.0 21.0





#79
 Terphenyl-d14
 Concen: 78.967 ng
 RT: 19.954 min Scan# 2887
 Delta R.T. -0.011 min
 Lab File: BG060894.D
 Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

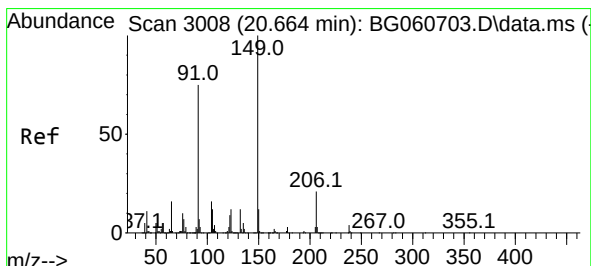
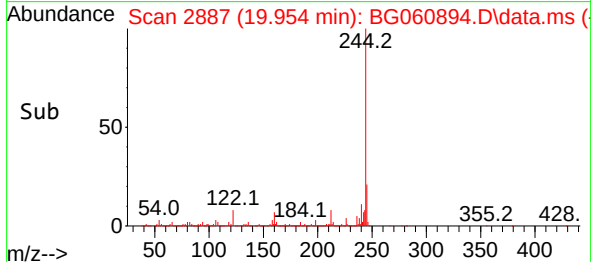
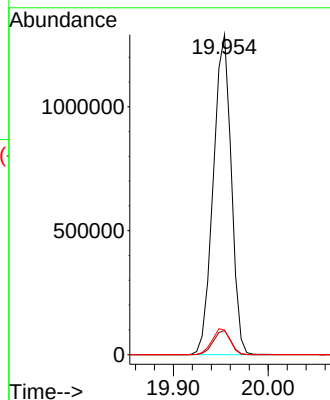
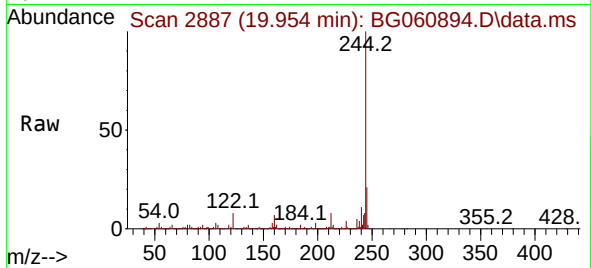
Tgt Ion:244 Resp: 1694328
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 7.7 7.8 11.8

Manual Integrations

APPROVED

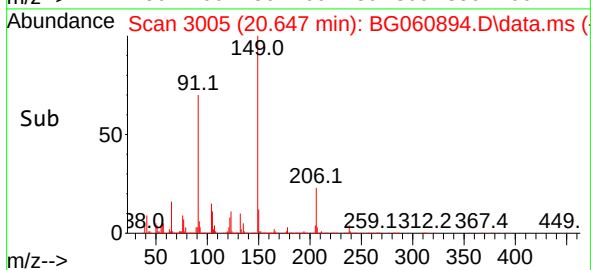
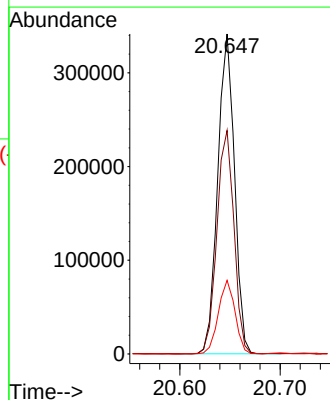
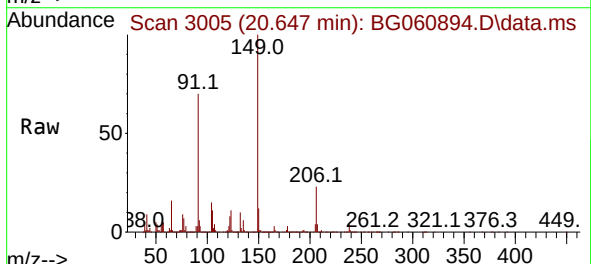
Reviewed By :Yogesh Patel 04/16/2024

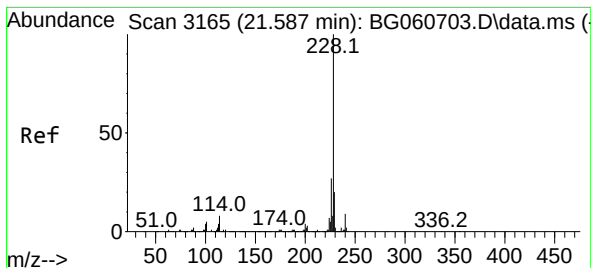
Supervised By :mohammad ahmed 04/17/2024



#80
 Butylbenzylphthalate
 Concen: 40.999 ng
 RT: 20.647 min Scan# 3005
 Delta R.T. -0.017 min
 Lab File: BG060894.D
 Acq: 13 Apr 2024 15:08

Tgt Ion:149 Resp: 395181
 Ion Ratio Lower Upper
 149 100
 91 69.9 60.1 90.1
 206 23.0 16.8 25.2





#81

Benzo(a)anthracene

Concen: 39.877 ng

RT: 21.575 min Scan# 3163

Delta R.T. -0.011 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

Tgt Ion:228 Resp: 106197

Ion Ratio Lower Upper

228 100

226 27.5 21.7 32.5

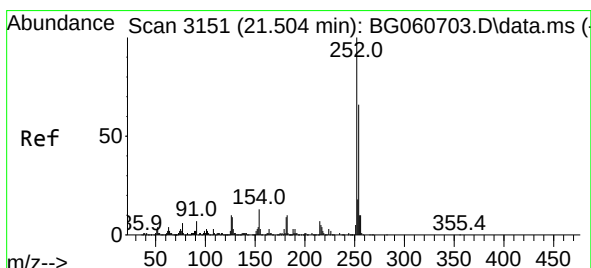
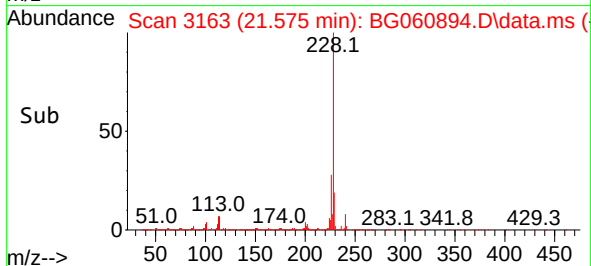
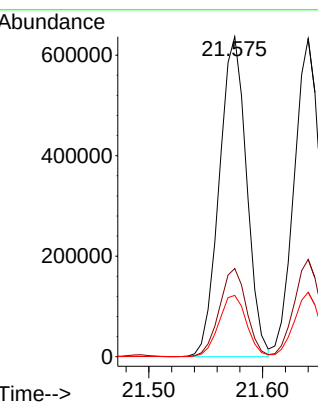
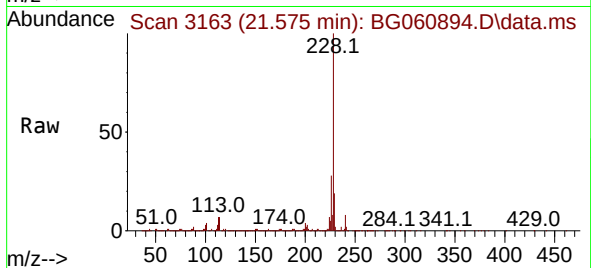
229 19.1 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#82

3,3'-Dichlorobenzidine

Concen: 30.007 ng

RT: 21.493 min Scan# 3149

Delta R.T. -0.011 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

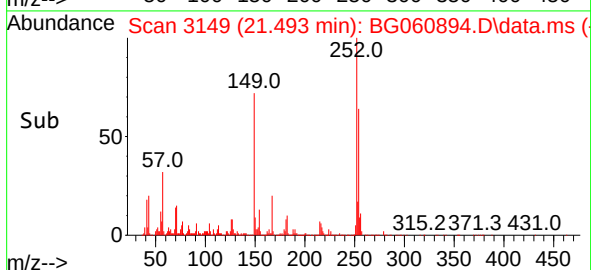
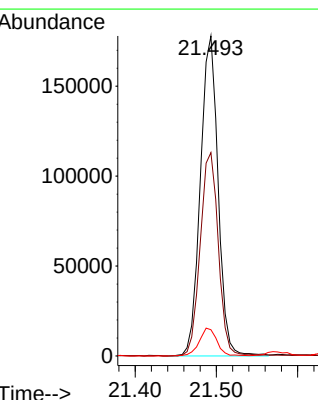
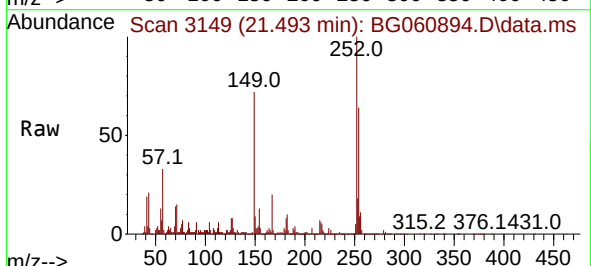
Tgt Ion:252 Resp: 269826

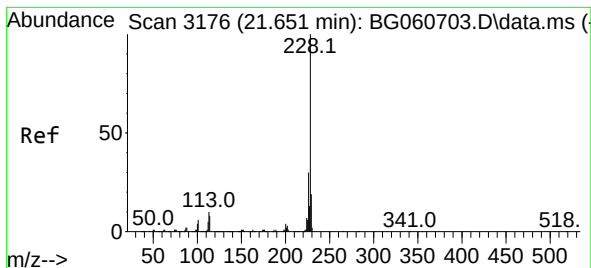
Ion Ratio Lower Upper

252 100

254 63.6 52.6 78.8

126 8.2 7.8 11.8





#83

Chrysene

Concen: 39.198 ng

RT: 21.640 min Scan# 3176

Delta R.T. -0.011 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

Tgt Ion:228 Resp: 100617

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

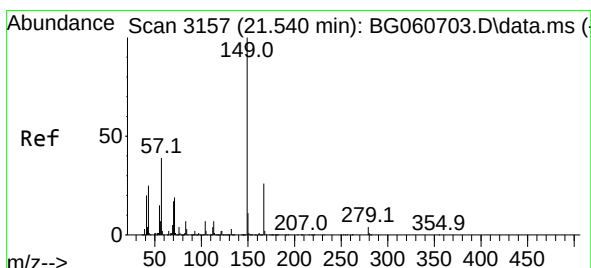
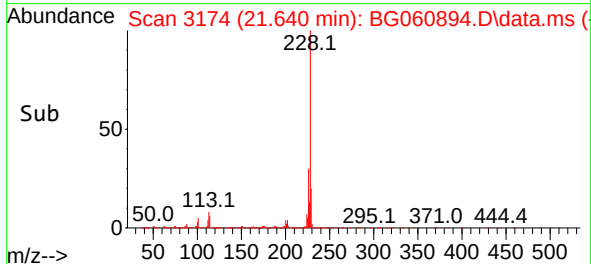
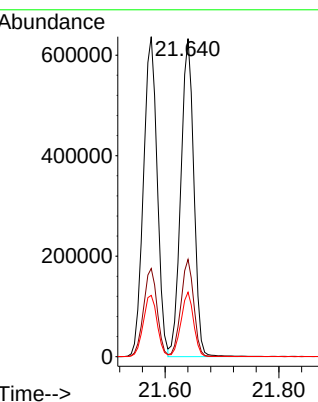
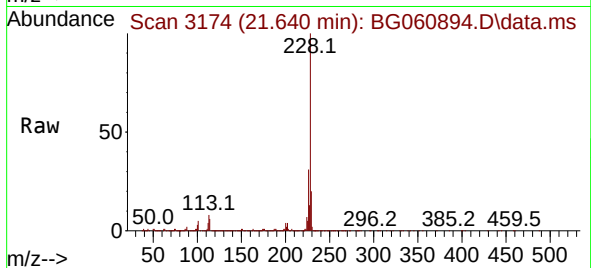
229 20.3 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.574 ng

RT: 21.505 min Scan# 3151

Delta R.T. -0.035 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

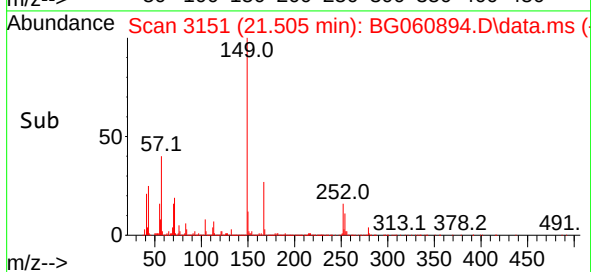
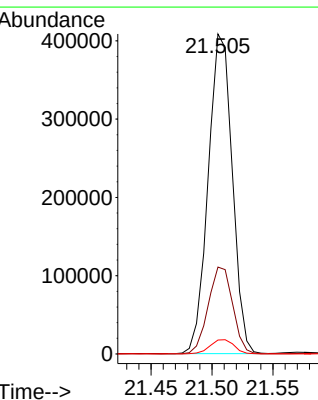
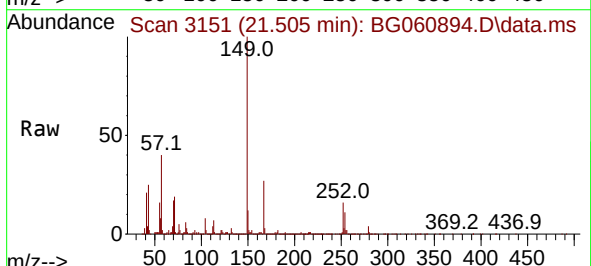
Tgt Ion:149 Resp: 561885

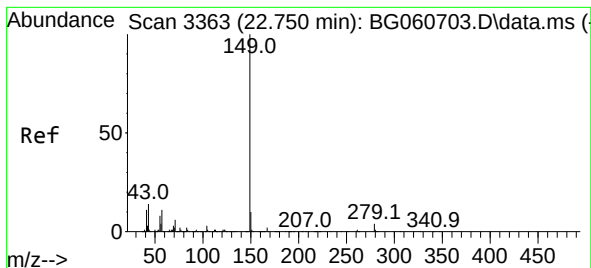
Ion Ratio Lower Upper

149 100

167 27.1 20.6 30.8

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 39.161 ng

RT: 22.704 min Scan# 31

Delta R.T. -0.046 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS

Tgt Ion:149 Resp: 980100

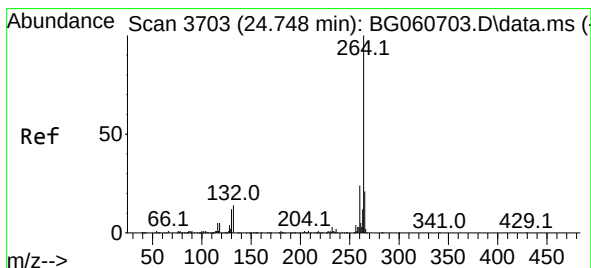
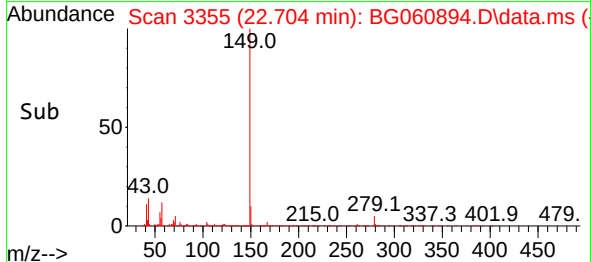
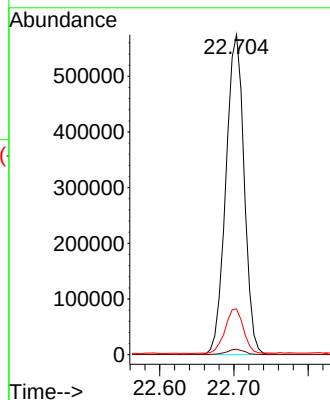
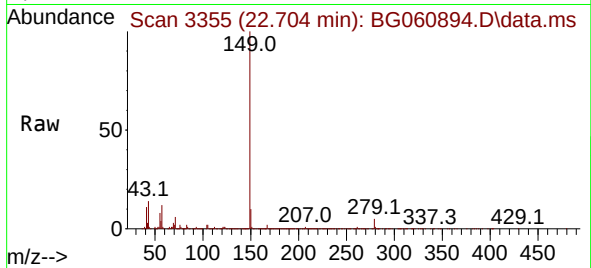
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	14.1	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.731 min Scan# 3700

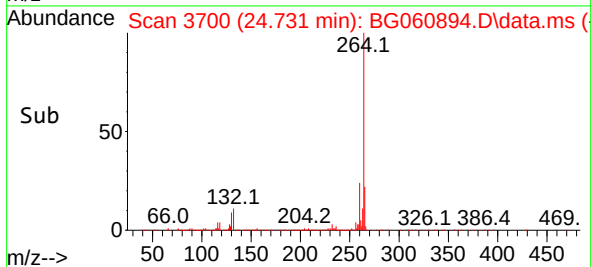
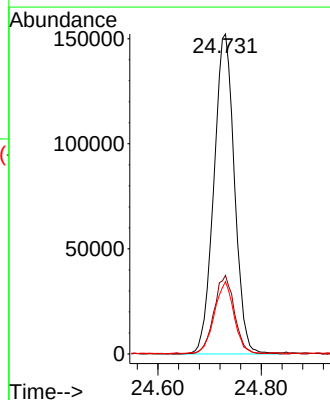
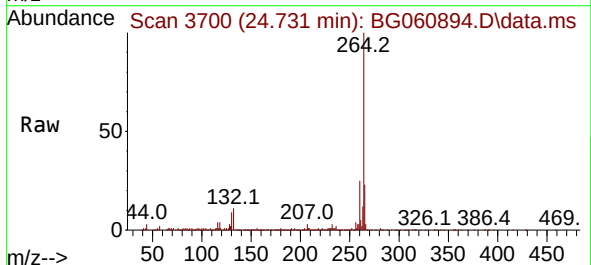
Delta R.T. -0.017 min

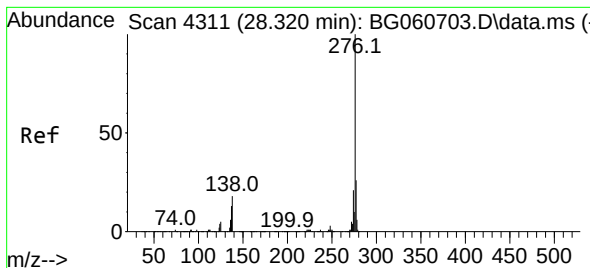
Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Tgt Ion:264 Resp: 420349

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.6	16.9	25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.181 ng

RT: 28.297 min Scan# 41

Delta R.T. -0.023 min

Lab File: BG060894.D

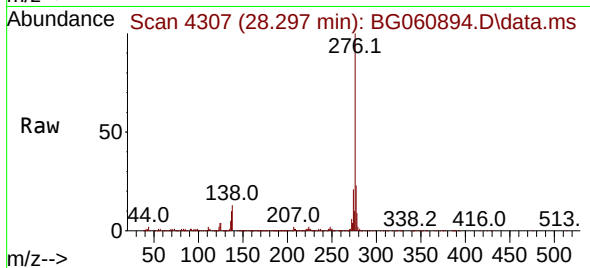
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS



Tgt Ion:276 Resp: 124860

Ion Ratio Lower Upper

276 100

138 10.9 12.4 18.6

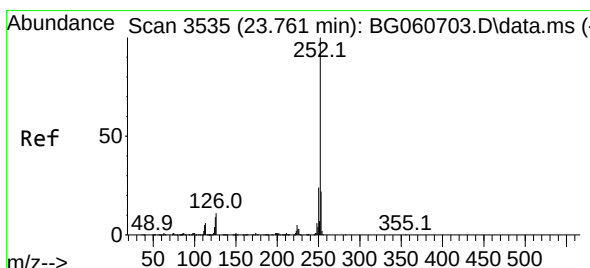
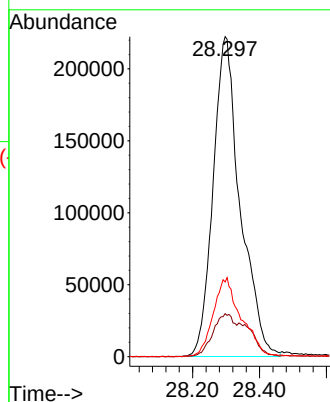
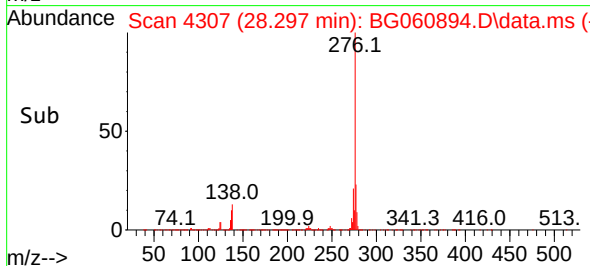
277 25.7 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#88

Benzo(b)fluoranthene

Concen: 42.515 ng

RT: 23.744 min Scan# 3532

Delta R.T. -0.017 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

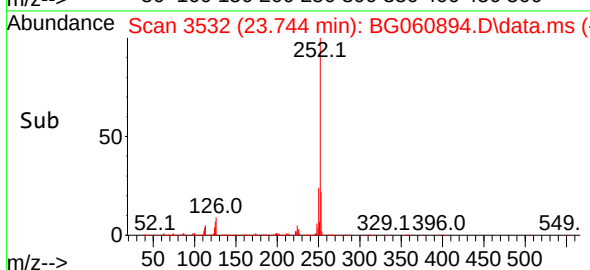
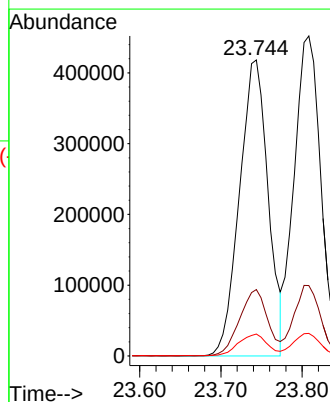
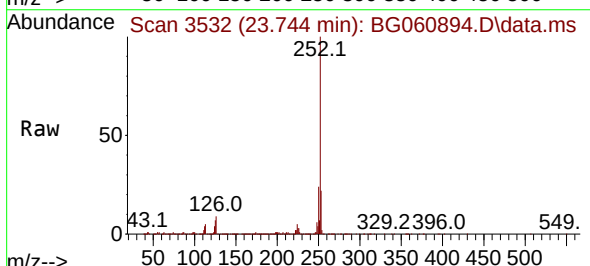
Tgt Ion:252 Resp: 1026692

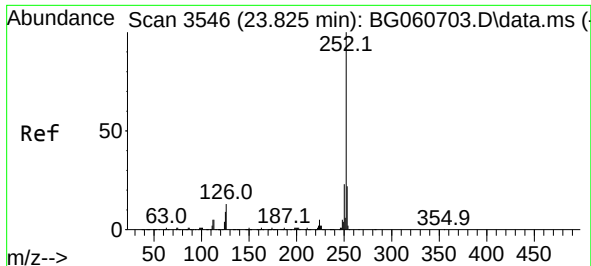
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 7.4 7.1 10.7





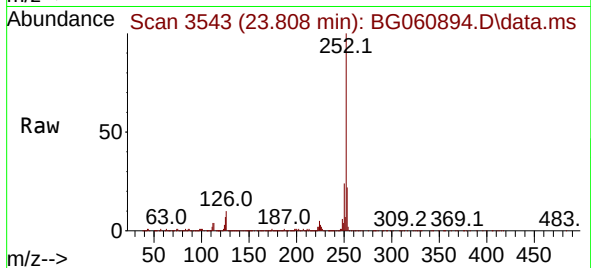
#89
Benzo(k)fluoranthene
Concen: 41.862 ng
RT: 23.808 min Scan# 31
Delta R.T. -0.017 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS



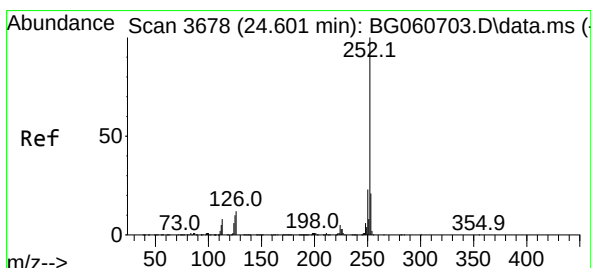
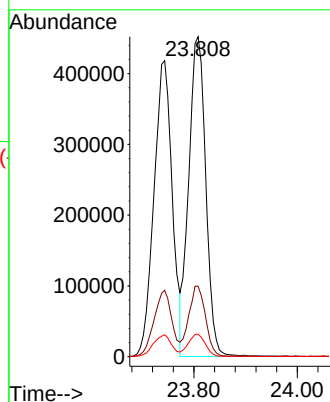
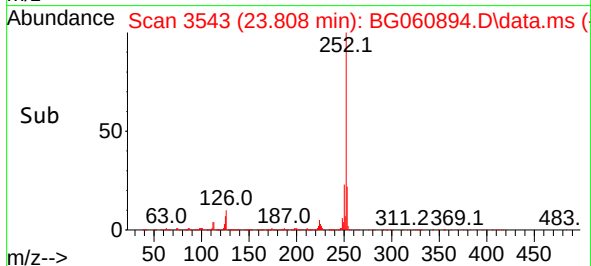
Tgt Ion:252 Resp: 1034728
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 7.1 7.5 11.3

Manual Integrations

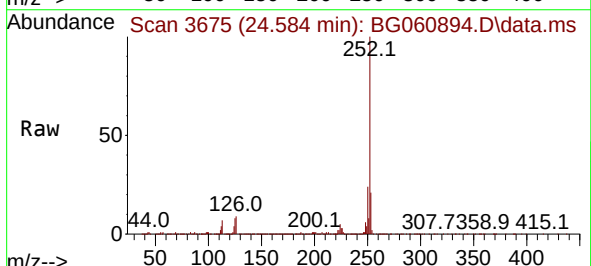
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

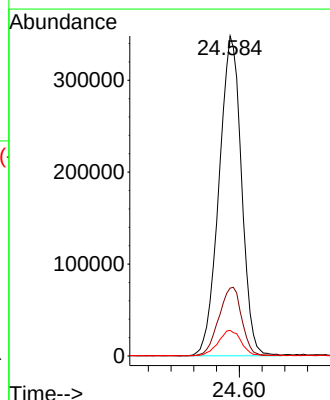
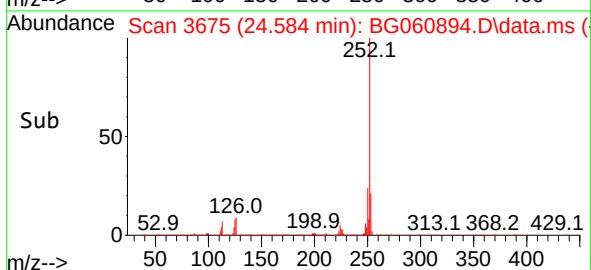
Supervised By :mohammad ahmed 04/17/2024

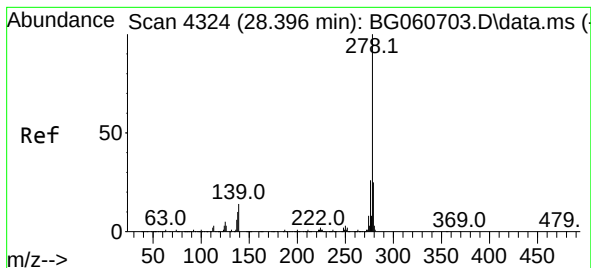


#90
Benzo(a)pyrene
Concen: 40.634 ng
RT: 24.584 min Scan# 3675
Delta R.T. -0.017 min
Lab File: BG060894.D
Acq: 13 Apr 2024 15:08



Tgt Ion:252 Resp: 953611
Ion Ratio Lower Upper
252 100
253 21.2 16.8 25.2
125 8.0 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 41.166 ng

RT: 28.367 min Scan# 41

Delta R.T. -0.029 min

Lab File: BG060894.D

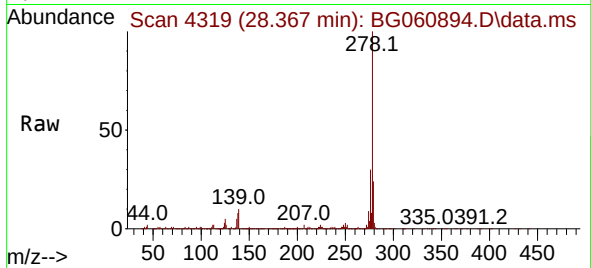
Acq: 13 Apr 2024 15:08

Instrument :

BNA_G

ClientSampleId :

PB160203BS



Tgt Ion:278 Resp: 1027224

Ion Ratio Lower Upper

278 100

139 10.4 11.1 16.7

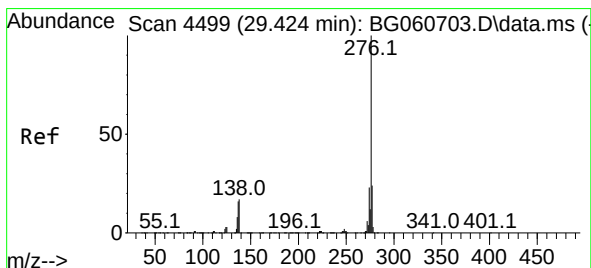
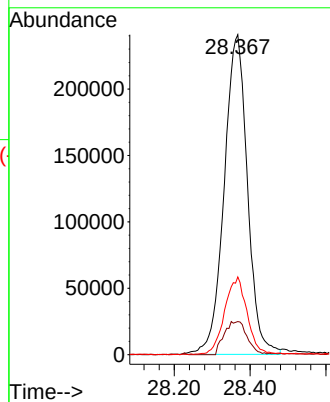
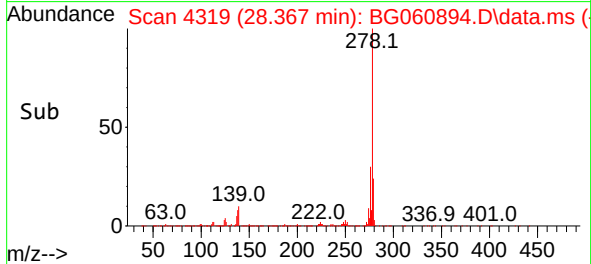
279 24.3 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#92

Benzo(g,h,i)perylene

Concen: 39.566 ng

RT: 29.407 min Scan# 4496

Delta R.T. -0.017 min

Lab File: BG060894.D

Acq: 13 Apr 2024 15:08

Tgt Ion:276 Resp: 960403

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 15.2 14.0 21.0

