

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060822.D
 Acq On : 8 Apr 2024 12:28
 Operator : MA/JU
 Sample : PB160005BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160005BS

Manual Integrations
 APPROVED

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

Quant Time: Apr 10 00:28:08 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	7.946	152	54149	20.000	ng	-0.01
21) Naphthalene-d8	10.749	136	226170	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	184875	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	438547	20.000	ng	0.00
76) Chrysene-d12	21.589	240	412322	20.000	ng	-0.02
86) Perylene-d12	24.727	264	470049	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	441556	135.844	ng	0.00
7) Phenol-d6	7.118	99	608990	126.218	ng	0.00
23) Nitrobenzene-d5	9.104	82	381446	96.237	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	334921	159.590	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	1042350	82.747	ng	-0.02
79) Terphenyl-d14	19.950	244	1915601	81.806	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.452	88	48862	36.665	ng	97
3) Pyridine	3.839	79	130143	32.375	ng	86
4) n-Nitrosodimethylamine	3.757	42	107026	44.541	ng	97
6) Aniline	7.271	93	156612	25.704	ng	98
8) 2-Chlorophenol	7.517	128	178283	48.380	ng	95
9) Benzaldehyde	7.089	77	19012m	7.146	ng	
10) Phenol	7.141	94	225570	45.809	ng	97
11) bis(2-Chloroethyl)ether	7.371	93	159297	40.069	ng	99
12) 1,3-Dichlorobenzene	7.841	146	171863	44.848	ng	97
13) 1,4-Dichlorobenzene	7.988	146	177555	45.415	ng	99
14) 1,2-Dichlorobenzene	8.299	146	174269	45.484	ng	97
15) Benzyl Alcohol	8.181	79	178350	45.633	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.469	45	387998	43.245	ng	100
17) 2-Methylphenol	8.393	107	162494	43.713	ng	97
18) Hexachloroethane	9.033	117	62305	44.871	ng	# 87
19) n-Nitroso-di-n-propyla...	8.757	70	145603	39.572	ng	# 100
20) 3+4-Methylphenols	8.716	107	223418	43.890	ng	95
22) Acetophenone	8.769	105	278808	44.707	ng	# 96
24) Nitrobenzene	9.145	77	203374	46.206	ng	97
25) Isophorone	9.674	82	396007	43.378	ng	99
26) 2-Nitrophenol	9.856	139	82149	52.219	ng	# 87
27) 2,4-Dimethylphenol	9.921	122	139698	38.094	ng	97
28) bis(2-Chloroethoxy)met...	10.156	93	230427	42.753	ng	99
29) 2,4-Dichlorophenol	10.396	162	180549	53.614	ng	99
30) 1,2,4-Trichlorobenzene	10.614	180	187670	49.215	ng	96
31) Naphthalene	10.796	128	542454	44.338	ng	100
32) Benzoic acid	10.056	122	125828	51.062	ng	96
33) 4-Chloroaniline	10.902	127	89481	15.747	ng	98
34) Hexachlorobutadiene	11.090	225	127051	49.993	ng	97
35) Caprolactam	11.671	113	62614m	46.945	ng	
36) 4-Chloro-3-methylphenol	12.030	107	213355	49.595	ng	98
37) 2-Methylnaphthalene	12.406	142	391571	43.534	ng	99
38) 1-Methylnaphthalene	12.623	142	368236	43.336	ng	96
40) 1,2,4,5-Tetrachloroben...	12.770	216	247652	46.595	ng	99
41) Hexachlorocyclopentadiene	12.758	237	284208	105.164	ng	98
43) 2,4,6-Trichlorophenol	13.011	196	176713	51.635	ng	97

04/10/2024

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ahmed

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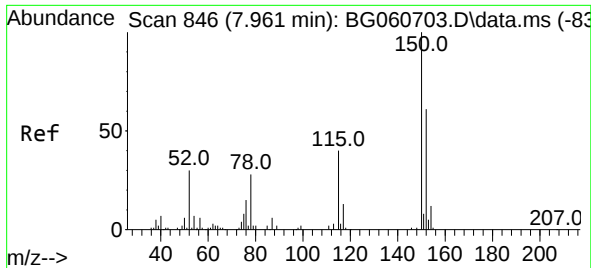
04/10/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	193908	47.477	ng	98
46) 1,1'-Biphenyl	13.416	154	573987	43.955	ng	98
47) 2-Chloronaphthalene	13.458	162	446795	45.034	ng	100
48) 2-Nitroaniline	13.651	65	157314	48.769	ng	98
49) Acenaphthylene	14.304	152	763165	45.780	ng	100
50) Dimethylphthalate	14.039	163	622541	42.603	ng	99
51) 2,6-Dinitrotoluene	14.151	165	121996	46.728	ng	96
52) Acenaphthene	14.644	154	503383m	48.094	ng	
53) 3-Nitroaniline	14.474	138	75094	27.461	ng	97
54) 2,4-Dinitrophenol	14.686	184	142586	140.185	ng	86
55) Dibenzofuran	14.979	168	711678	43.107	ng	96
56) 4-Nitrophenol	14.791	139	225077	105.363	ng	98
57) 2,4-Dinitrotoluene	14.938	165	173621	50.695	ng	96
58) Fluorene	15.632	166	580475	43.809	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.203	232	184841	51.932	ng	97
60) Diethylphthalate	15.414	149	613169	41.708	ng	97
61) 4-Chlorophenyl-phenyle...	15.626	204	311194	44.393	ng	95
62) 4-Nitroaniline	15.643	138	133165	49.844	ng	95
63) Azobenzene	15.919	77	600544	41.920	ng	97
65) 4,6-Dinitro-2-methylph...	15.702	198	98270	53.375	ng	94
66) n-Nitrosodiphenylamine	15.843	169	543883	43.399	ng	99
67) 4-Bromophenyl-phenylether	16.525	248	211682	47.562	ng	98
68) Hexachlorobenzene	16.636	284	248136	49.388	ng	97
69) Atrazine	16.795	200	208766	47.637	ng	99
70) Pentachlorophenol	16.977	266	327764	99.979	ng	98
71) Phenanthrene	17.371	178	994165	43.589	ng	99
72) Anthracene	17.465	178	1022420	44.140	ng	99
73) Carbazole	17.729	167	890186	43.589	ng	99
74) Di-n-butylphthalate	18.311	149	1045705	41.071	ng	99
75) Fluoranthene	19.386	202	1207186	43.618	ng	97
77) Benzidine	19.562	184	336315	30.976	ng	98
78) Pyrene	19.744	202	1255131	43.525	ng	99
80) Butylbenzylphthalate	20.649	149	460404	43.768	ng	98
81) Benzo(a)anthracene	21.572	228	1308594	45.024	ng	99
82) 3,3'-Dichlorobenzidine	21.489	252	303864	30.963	ng	98
83) Chrysene	21.636	228	1235166	44.091	ng	99
84) Bis(2-ethylhexyl)phtha...	21.513	149	677346	40.399	ng	98
85) Di-n-octyl phthalate	22.706	149	1186169	43.427	ng	100
87) Indeno(1,2,3-cd)pyrene	28.287	276	1581848	47.789	ng	# 97
88) Benzo(b)fluoranthene	23.740	252	1280478	47.418	ng	99
89) Benzo(k)fluoranthene	23.804	252	1289840	46.666	ng	98
90) Benzo(a)pyrene	24.580	252	1202755	45.832	ng	98
91) Dibenzo(a,h)anthracene	28.358	278	1290871	46.262	ng	96
92) Benzo(g,h,i)perylene	29.392	276	1210805	44.608	ng	98

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



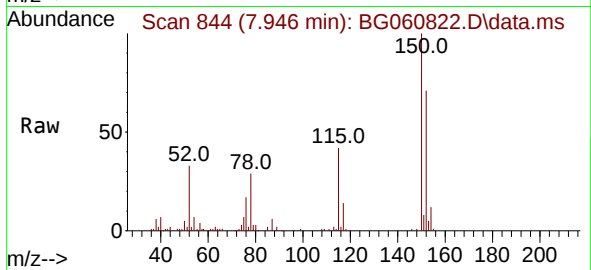
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.946 min Scan# 84
Delta R.T. -0.015 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

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PB160005BS



Tgt Ion:152 Resp: 54149
Ion Ratio Lower Upper
152 100
150 141.0 130.2 195.4
115 59.7 51.6 77.4

Manual Integrations

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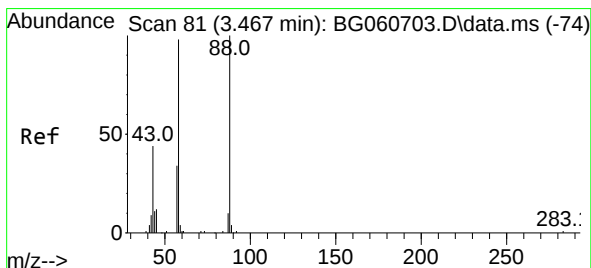
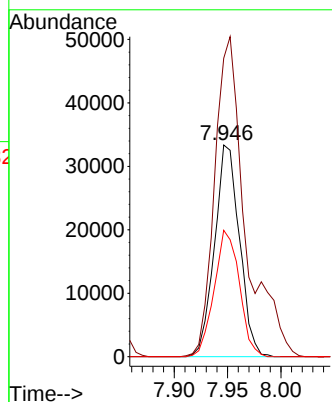
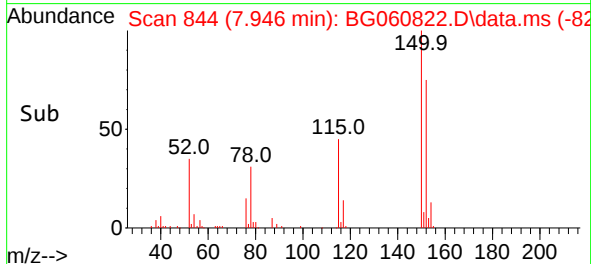
Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024

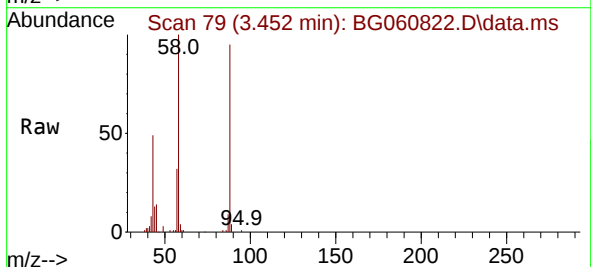
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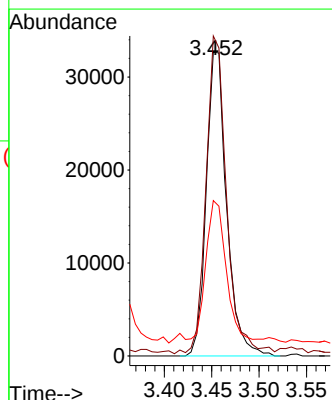
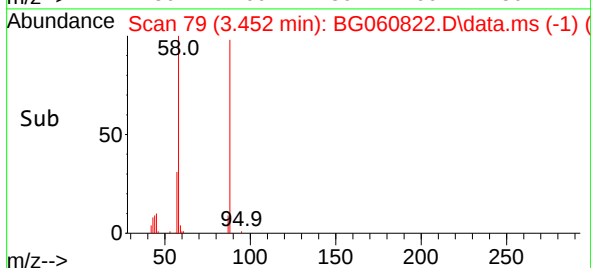
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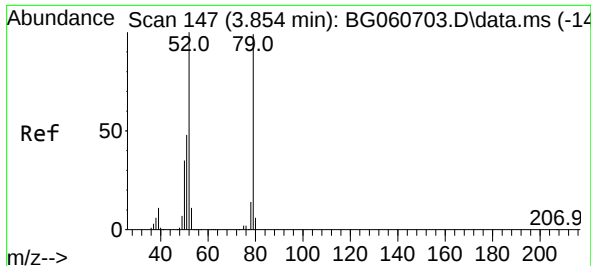


#2
1,4-Dioxane
Concen: 36.665 ng
RT: 3.452 min Scan# 79
Delta R.T. -0.015 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28



Tgt Ion: 88 Resp: 48862
Ion Ratio Lower Upper
88 100
58 104.9 80.9 121.3
43 44.0 35.4 53.0





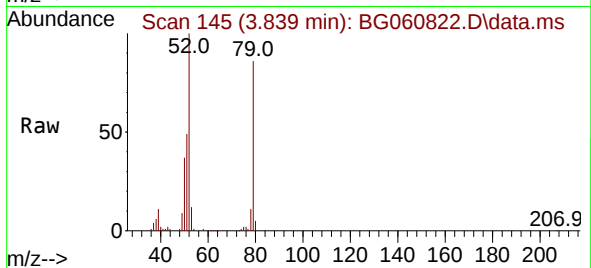
#3
Pyridine
Concen: 32.375 ng
RT: 3.839 min Scan# 147
Delta R.T. -0.015 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

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ClientSampleId :

PB160005BS



Tgt Ion: 79 Resp: 13014
Ion Ratio Lower Upper
79 100
52 115.8 80.6 120.8
51 57.2 39.1 58.7

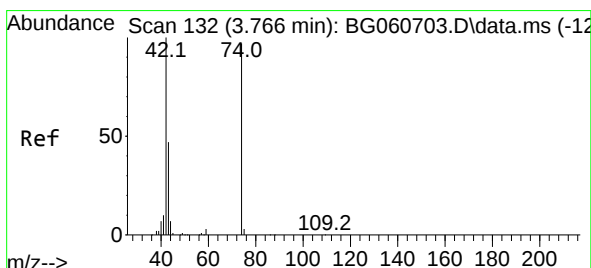
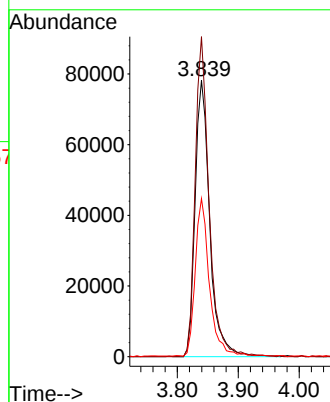
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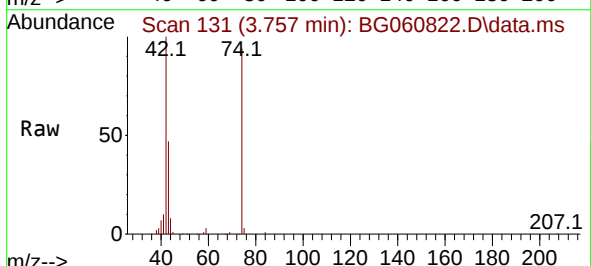
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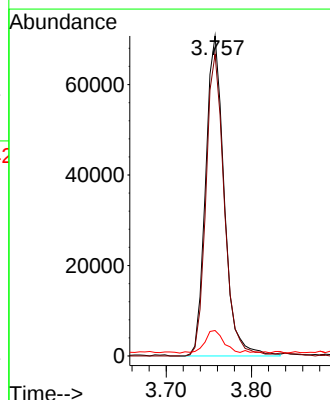
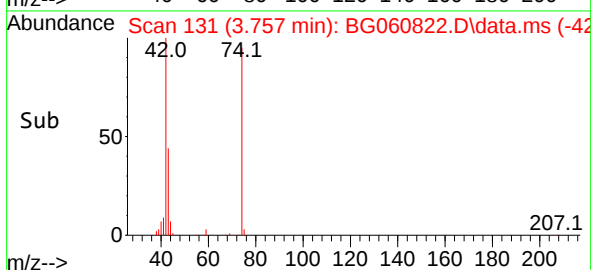
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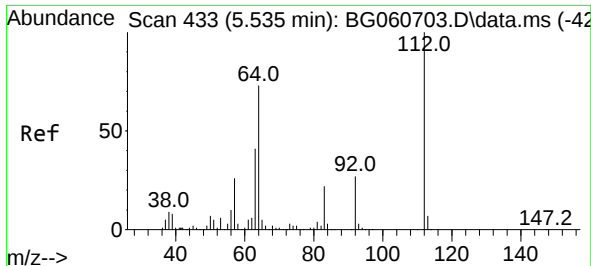


#4
n-Nitrosodimethylamine
Concen: 44.541 ng
RT: 3.757 min Scan# 131
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28



Tgt Ion: 42 Resp: 107026
Ion Ratio Lower Upper
42 100
74 94.3 77.8 116.8
44 8.0 6.8 10.2





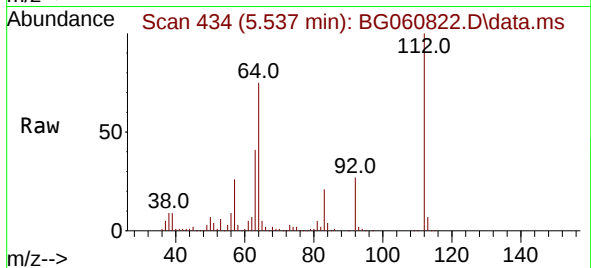
#5
2-Fluorophenol
Concen: 135.844 ng
RT: 5.537 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

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Tgt Ion:112 Resp: 441550
Ion Ratio Lower Upper
112 100
64 75.2 58.4 87.6
63 40.6 32.7 49.1

Manual Integrations

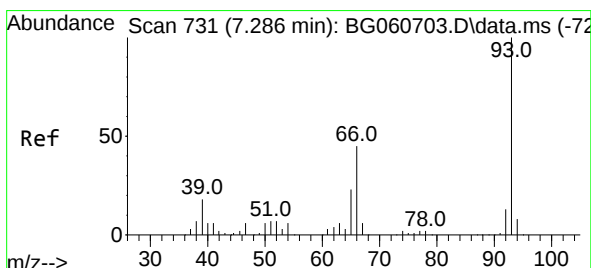
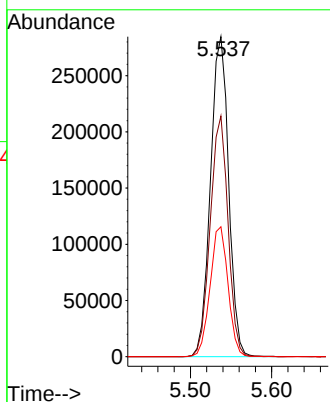
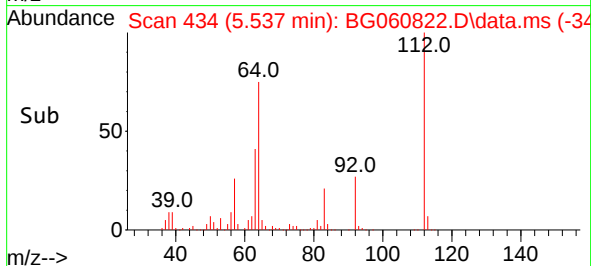
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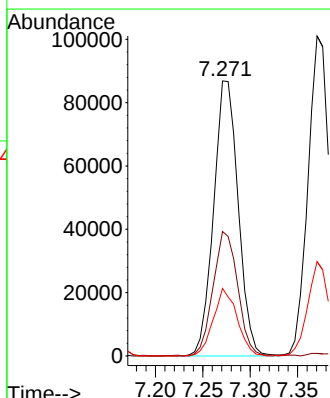
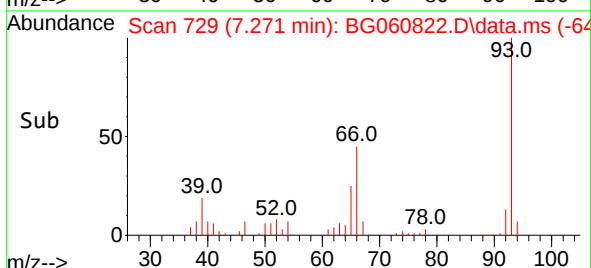
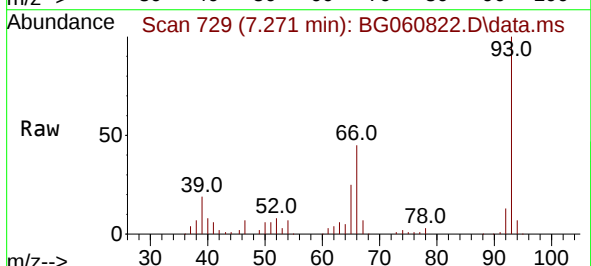
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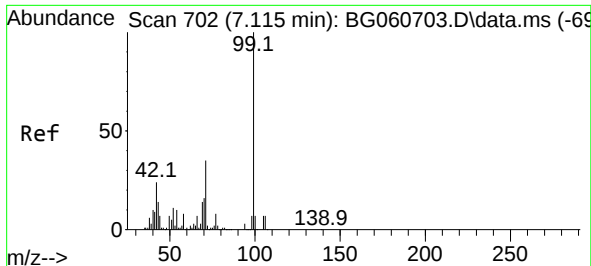
04/10/2024



#6
Aniline
Concen: 25.704 ng
RT: 7.271 min Scan# 729
Delta R.T. -0.015 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

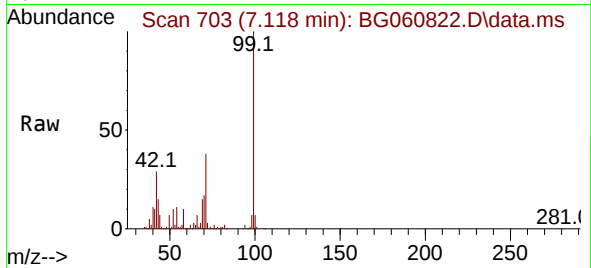
Tgt Ion: 93 Resp: 156612
Ion Ratio Lower Upper
93 100
66 45.3 36.1 54.1
65 24.6 18.1 27.1





#7
Phenol-d6
Concen: 126.218 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060822.D
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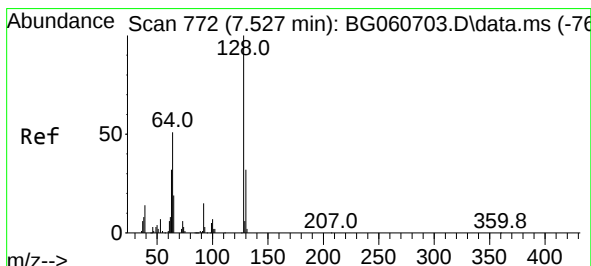
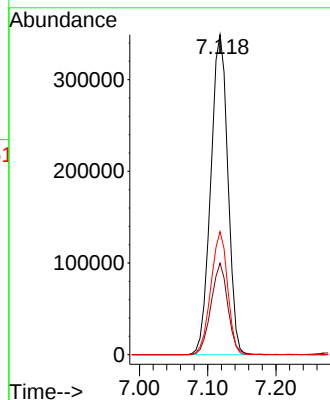
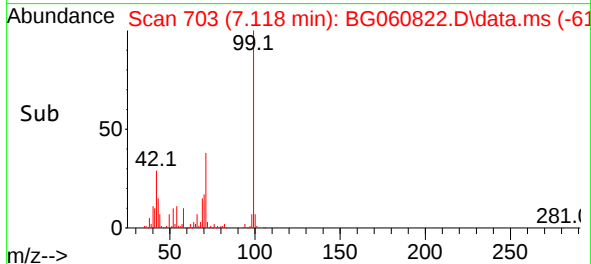
Tgt Ion: 99 Resp: 608990
Ion Ratio Lower Upper
99 100
42 28.6 19.4 29.2
71 38.5 28.2 42.2

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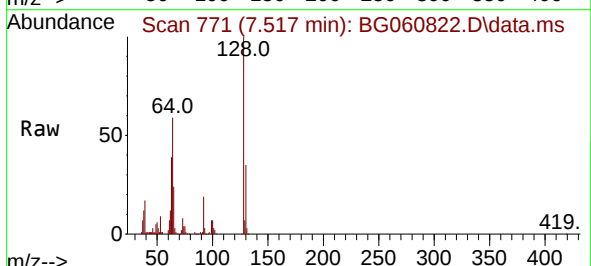
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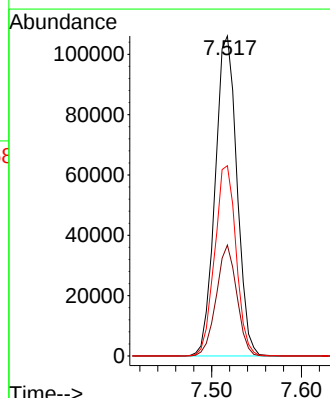
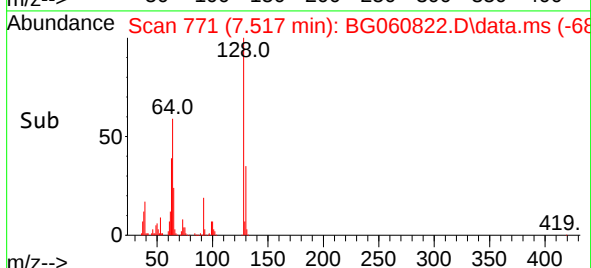
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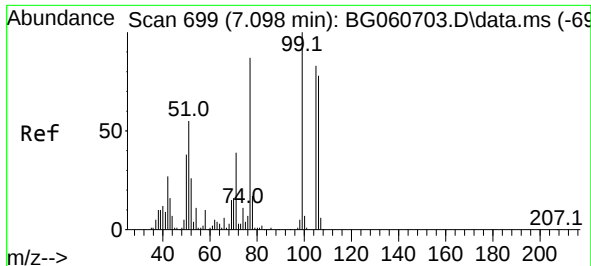


#8
2-Chlorophenol
Concen: 48.380 ng
RT: 7.517 min Scan# 771
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28



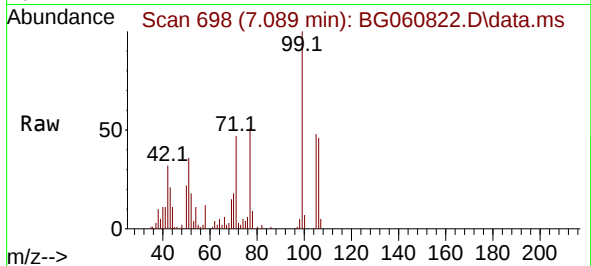
Tgt Ion:128 Resp: 178283
Ion Ratio Lower Upper
128 100
130 34.7 12.3 52.3
64 59.4 35.0 75.0





#9
Benzaldehyde
Concen: 7.146 ng m
RT: 7.089 min Scan# 699
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

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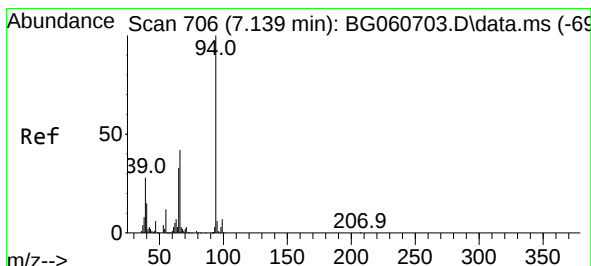
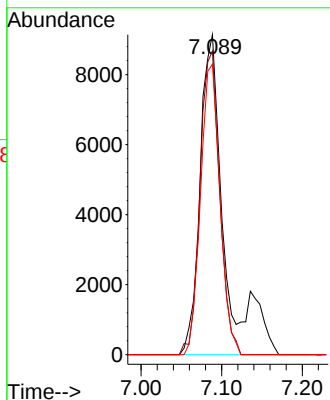
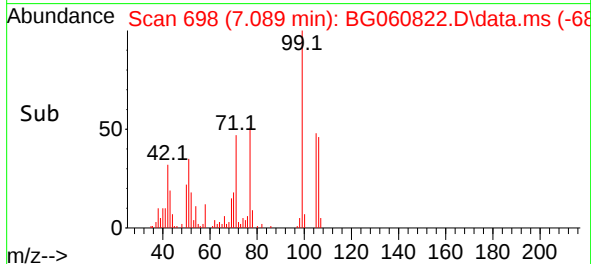
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Ion Ratio Lower Upper
77 100
105 94.9 76.0 116.0
106 90.8 70.3 110.3

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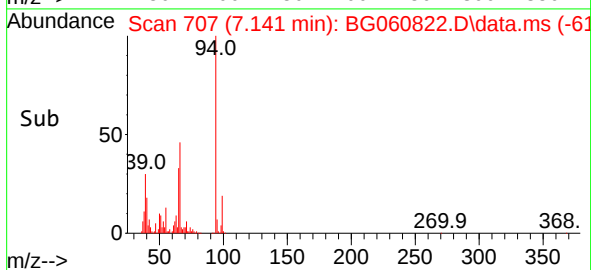
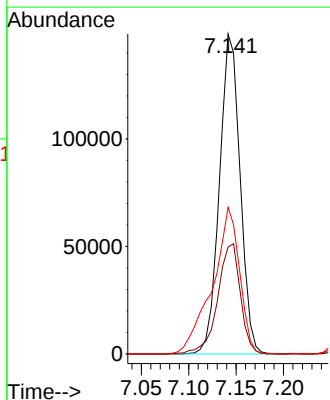
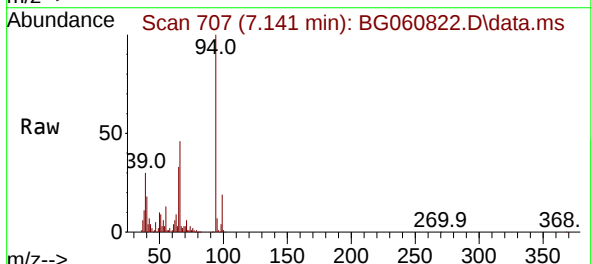
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ahmed

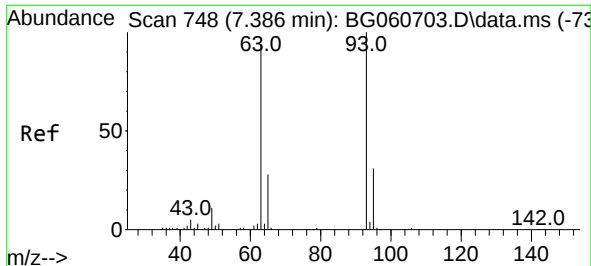
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#10
Phenol
Concen: 45.809 ng
RT: 7.141 min Scan# 707
Delta R.T. 0.003 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

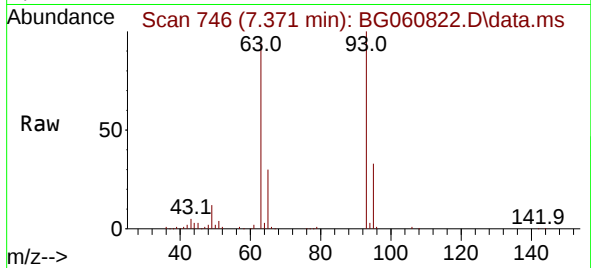
Tgt Ion: 94 Resp: 225570
Ion Ratio Lower Upper
94 100
65 33.4 13.3 53.3
66 45.8 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 40.069 ng
RT: 7.371 min Scan# 748
Delta R.T. -0.015 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :
BNA_G
ClientSampleId :
PB160005BS



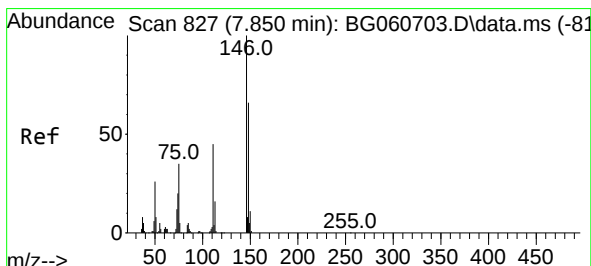
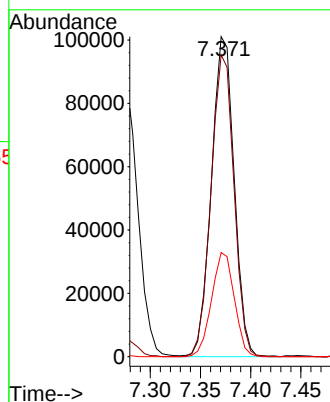
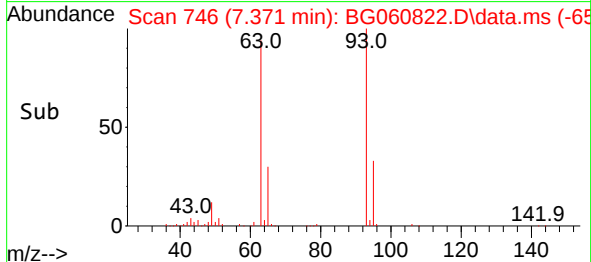
Tgt Ion: 93 Resp: 15929
Ion Ratio Lower Upper
93 100
63 94.3 73.7 113.7
95 32.5 11.2 51.2

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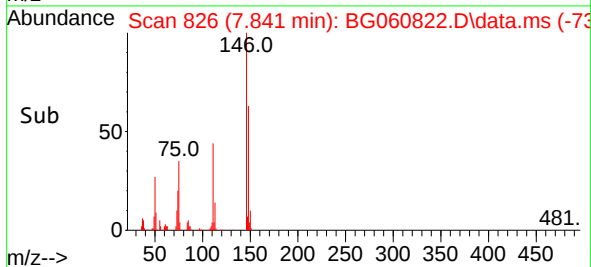
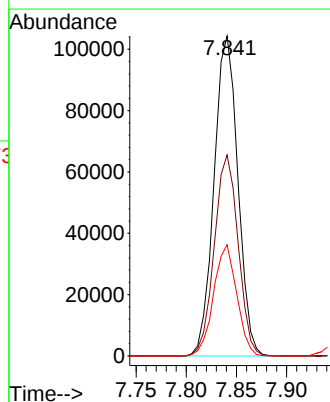
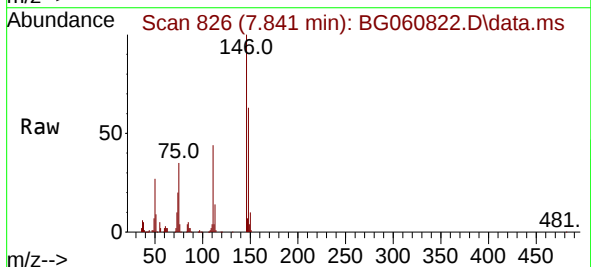
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ahmed

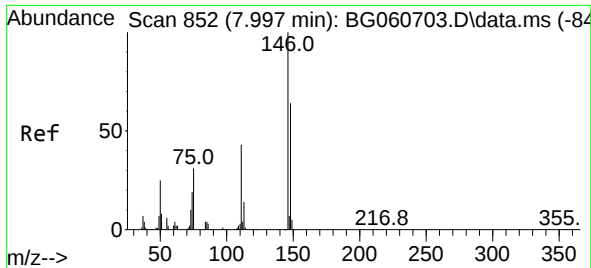
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#12
1,3-Dichlorobenzene
Concen: 44.848 ng
RT: 7.841 min Scan# 826
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Tgt Ion:146 Resp: 171863
Ion Ratio Lower Upper
146 100
148 62.8 53.0 79.4
75 34.8 28.1 42.1





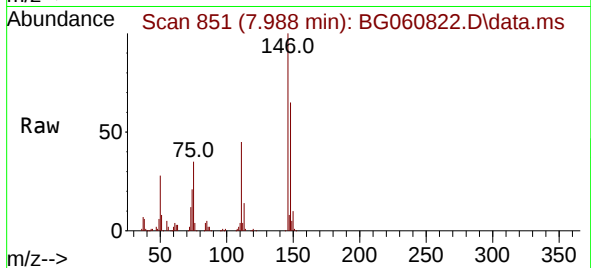
#13
1,4-Dichlorobenzene
Concen: 45.415 ng
RT: 7.988 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:146 Resp: 17755
Ion Ratio Lower Upper
146 100
148 64.5 51.1 76.7
111 44.5 35.0 52.6

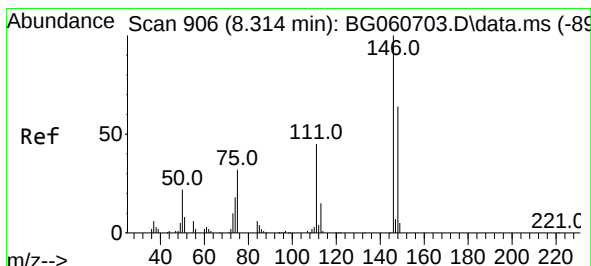
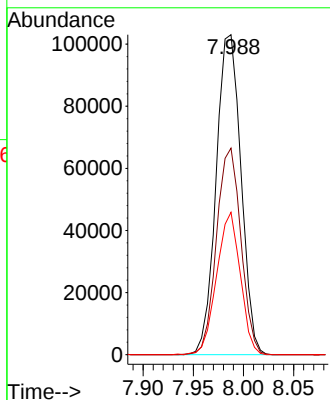
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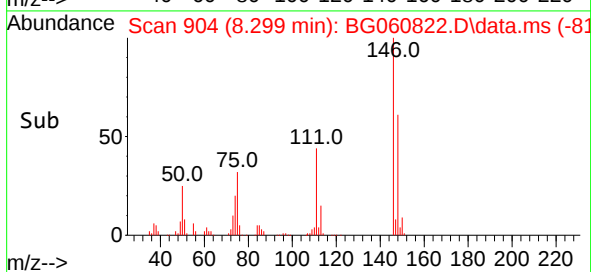
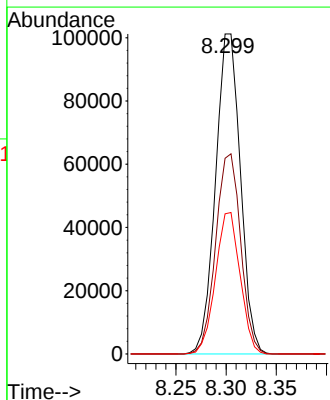
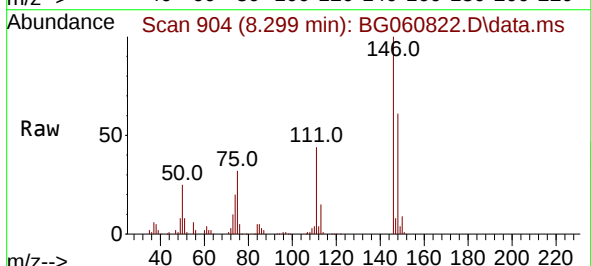
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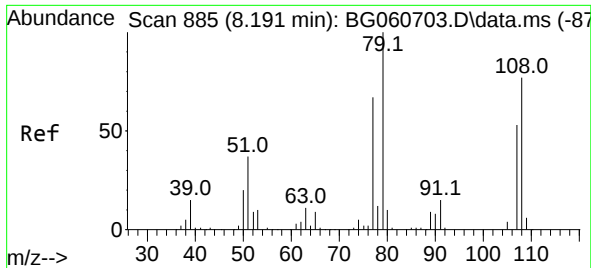
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#14
1,2-Dichlorobenzene
Concen: 45.484 ng
RT: 8.299 min Scan# 904
Delta R.T. -0.015 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Tgt Ion:146 Resp: 174269
Ion Ratio Lower Upper
146 100
148 61.1 51.0 76.6
111 43.8 36.0 54.0





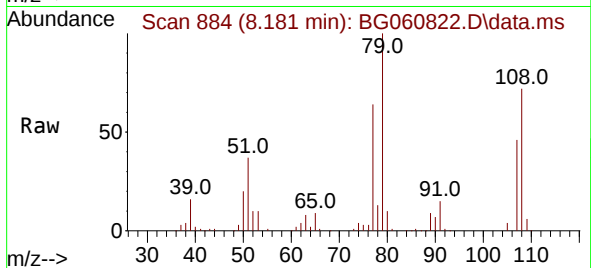
#15
Benzyl Alcohol
Concen: 45.633 ng
RT: 8.181 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion: 79 Resp: 178350
Ion Ratio Lower Upper
79 100
108 72.1 61.4 92.0
77 64.2 53.6 80.4

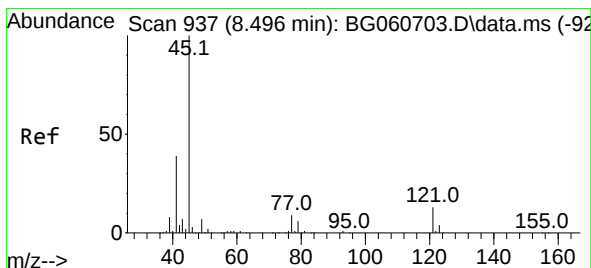
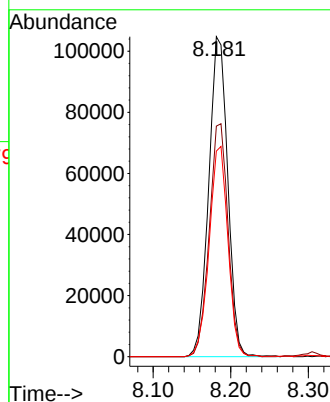
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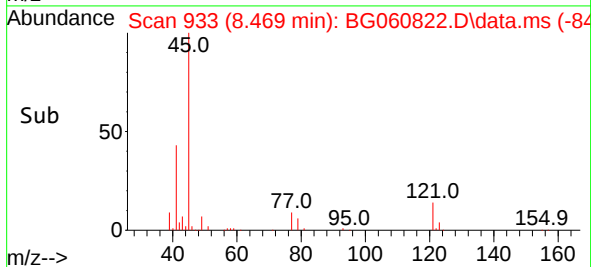
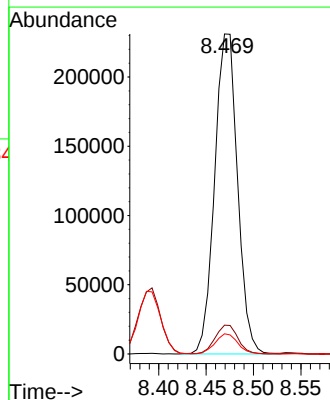
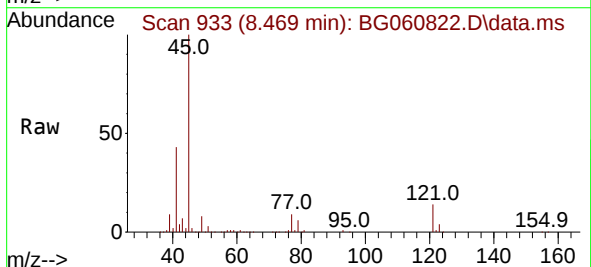
Supervised By :mohammad
ahmed

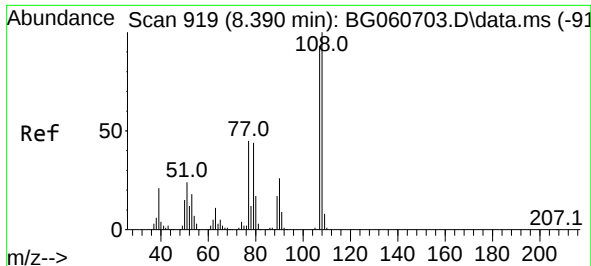
04/10/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.245 ng
RT: 8.469 min Scan# 933
Delta R.T. -0.027 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Tgt Ion: 45 Resp: 387998
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.1
79 6.3 0.0 26.5





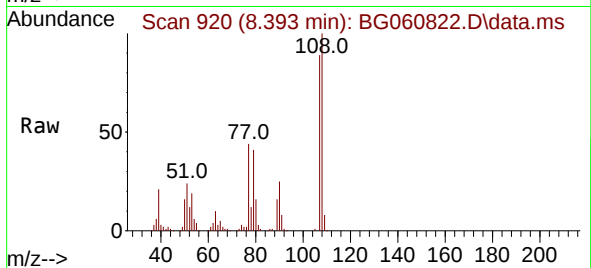
#17
2-Methylphenol
Concen: 43.713 ng
RT: 8.393 min Scan# 919
Delta R.T. 0.003 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:107 Resp: 162494
Ion Ratio Lower Upper
107 100
108 112.9 86.4 129.6
77 49.3 38.6 58.0
79 46.4 37.9 56.9

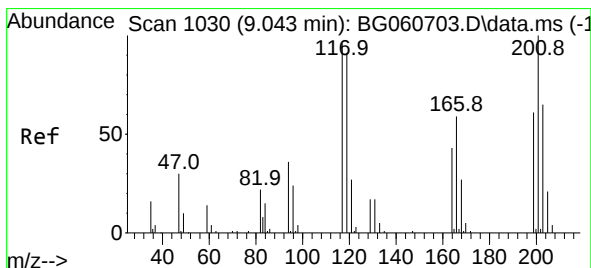
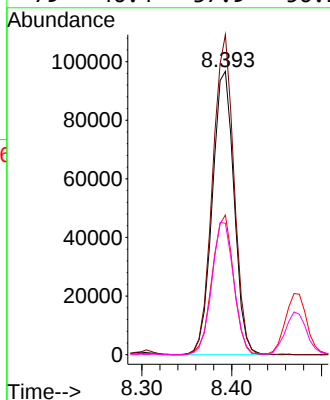
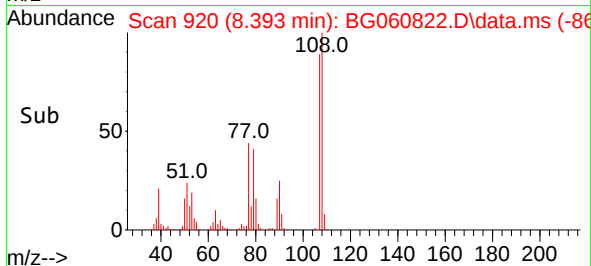
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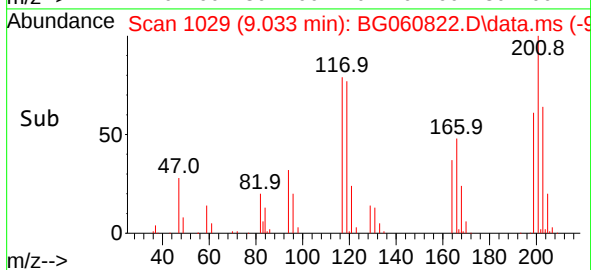
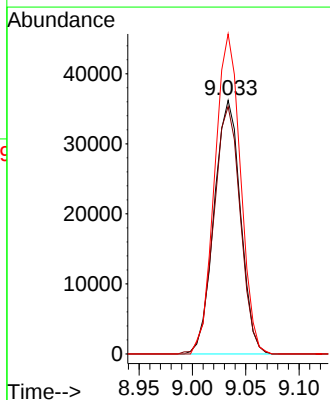
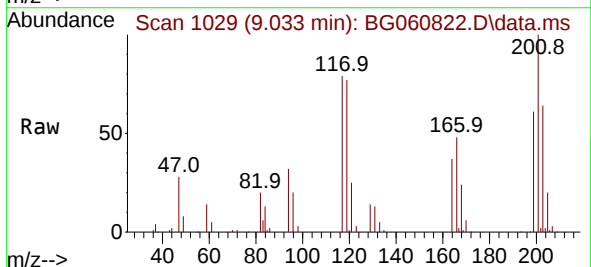
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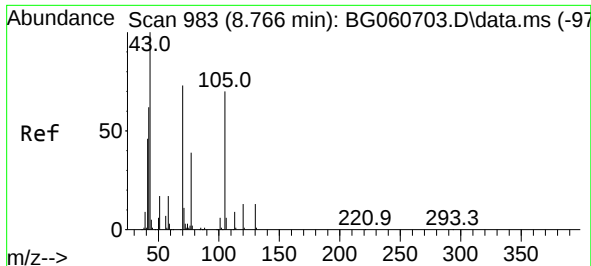
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#18
Hexachloroethane
Concen: 44.871 ng
RT: 9.033 min Scan# 1029
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

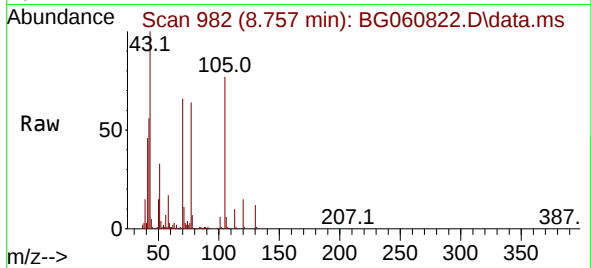
Tgt Ion:117 Resp: 62305
Ion Ratio Lower Upper
117 100
119 97.5 75.7 113.5
201 126.2 83.4 125.2#





#19
n-Nitroso-di-n-propylamine
Concen: 39.572 ng
RT: 8.757 min Scan# 982
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :
BNA_G
ClientSampleId :
PB160005BS



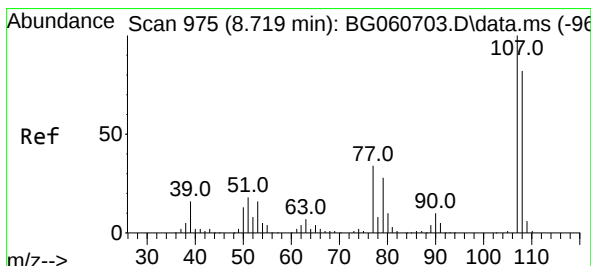
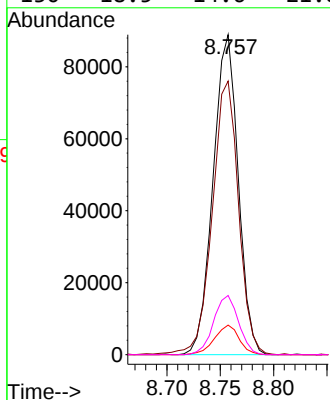
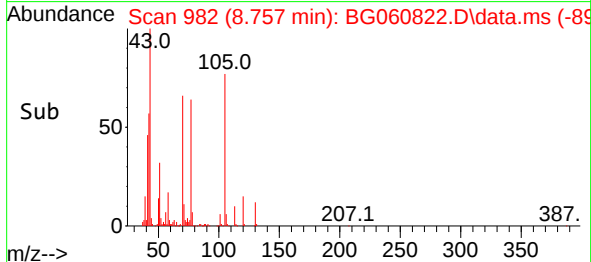
Tgt Ion: 70 Resp: 14560
Ion Ratio Lower Upper
70 100
42 85.5 68.4 102.6
101 9.3 6.1 9.1
130 18.5 14.6 21.8

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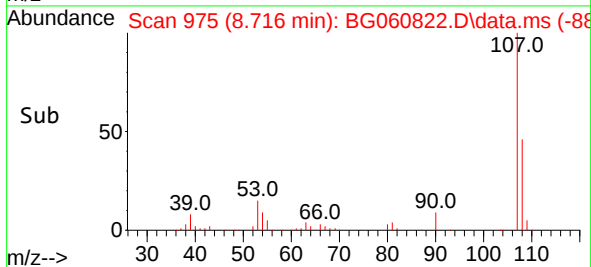
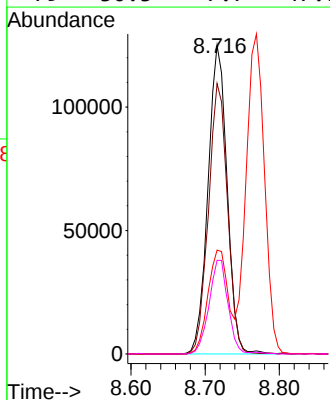
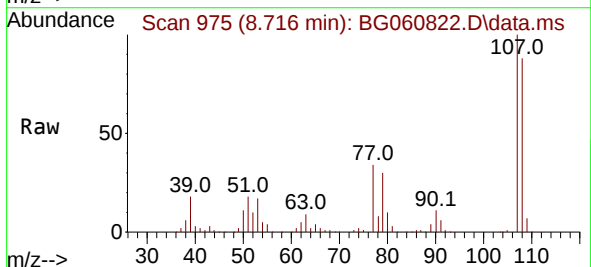
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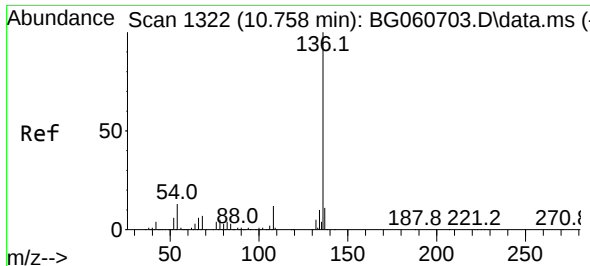
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#20
3+4-Methylphenols
Concen: 43.890 ng
RT: 8.716 min Scan# 975
Delta R.T. -0.003 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Tgt Ion:107 Resp: 223418
Ion Ratio Lower Upper
107 100
108 87.6 62.2 102.2
77 33.6 14.1 54.1
79 30.3 7.7 47.7





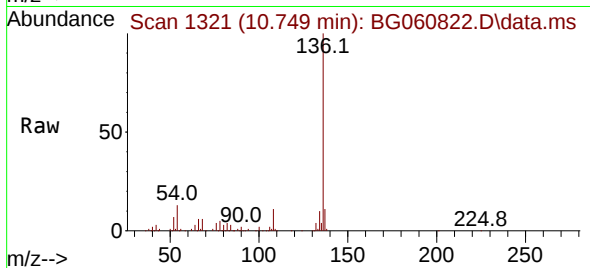
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 1321
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:136 Resp: 226170
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 13.0 10.2 15.2
68 5.6 5.2 7.8

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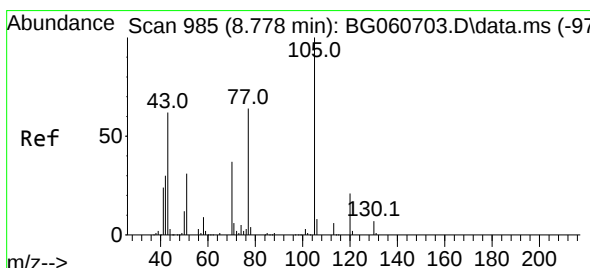
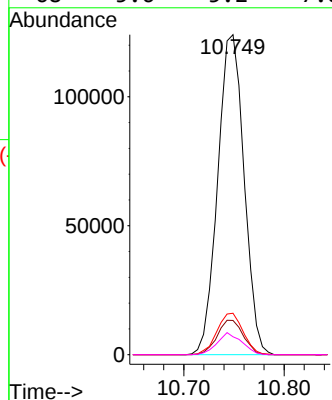
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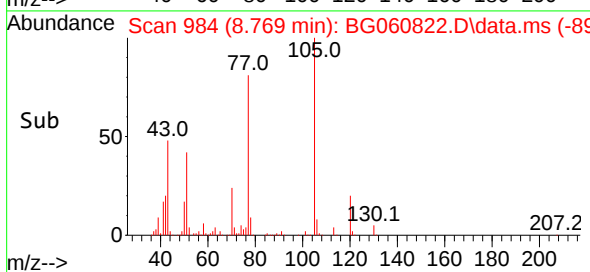
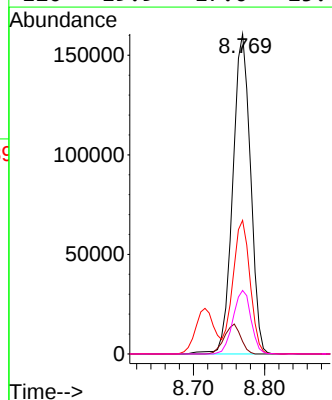
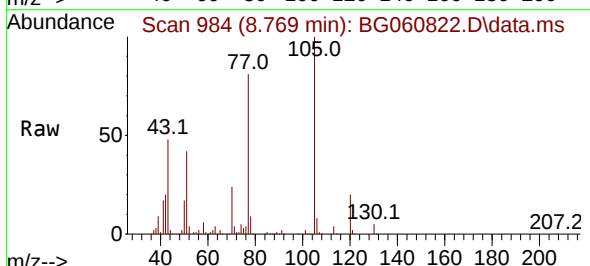
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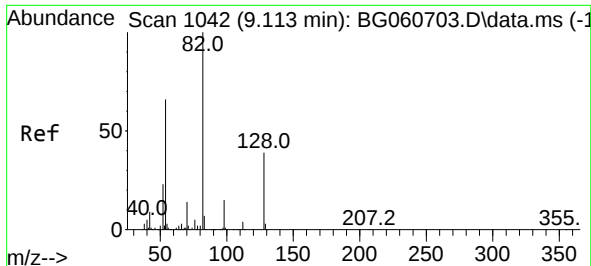
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#22
Acetophenone
Concen: 44.707 ng
RT: 8.769 min Scan# 984
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Tgt Ion:105 Resp: 278808
Ion Ratio Lower Upper
105 100
71 3.9 4.9 7.3#
51 41.8 31.1 46.7
120 19.9 17.0 25.4





#23

Nitrobenzene-d5

Concen: 96.237 ng

RT: 9.104 min Scan# 1041

Delta R.T. -0.009 min

Lab File: BG060822.D

Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS

Tgt Ion: 82 Resp: 381440

Ion Ratio Lower Upper

82 100

128 39.0 31.2 46.8

54 70.9 53.2 79.8

Manual Integrations

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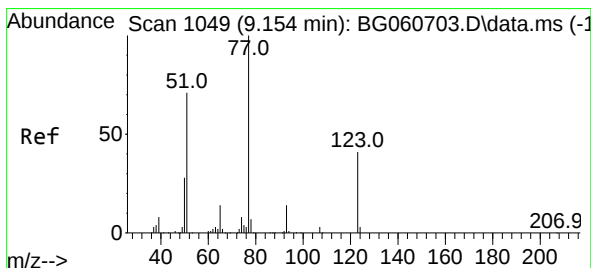
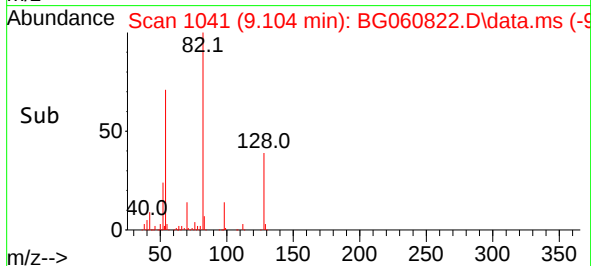
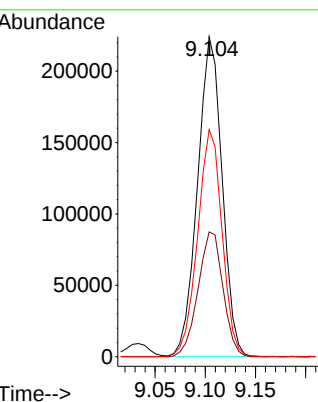
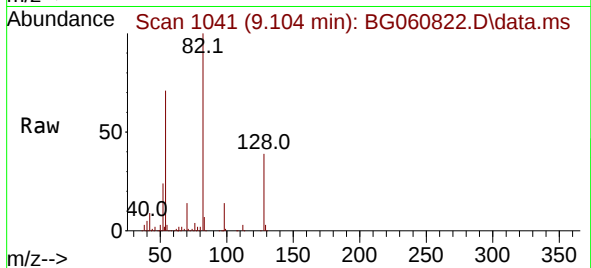
Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024

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Supervised By :mohammad
ahmed

04/10/2024



#24

Nitrobenzene

Concen: 46.206 ng

RT: 9.145 min Scan# 1048

Delta R.T. -0.009 min

Lab File: BG060822.D

Acq: 8 Apr 2024 12:28

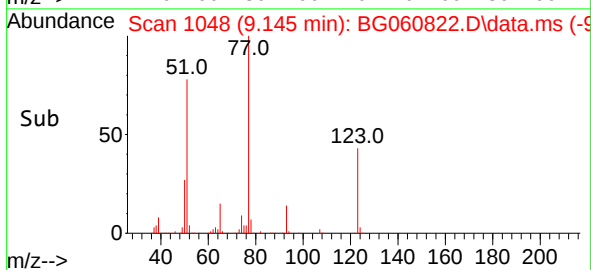
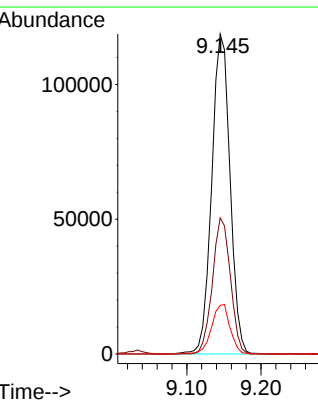
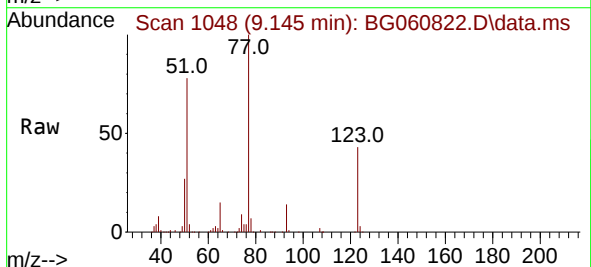
Tgt Ion: 77 Resp: 203374

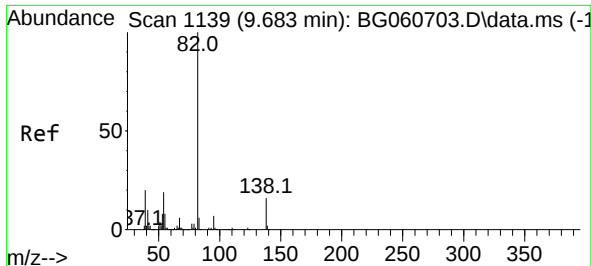
Ion Ratio Lower Upper

77 100

123 42.6 32.7 49.1

65 15.2 11.3 16.9





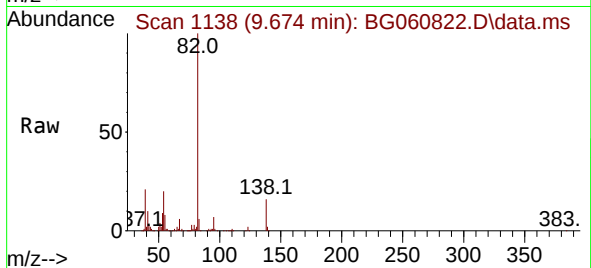
#25
Isophorone
Concen: 43.378 ng
RT: 9.674 min Scan# 1139
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion: 82 Resp: 39600
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 15.6 13.0 19.4

Manual Integrations

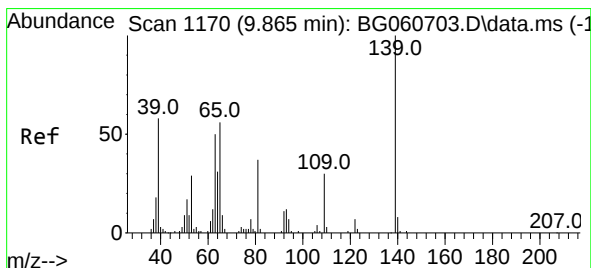
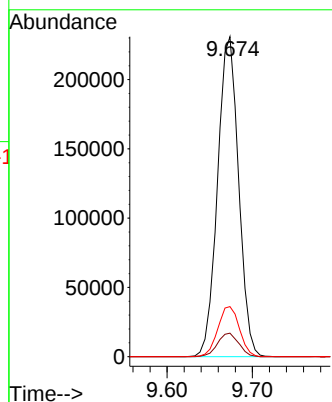
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Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

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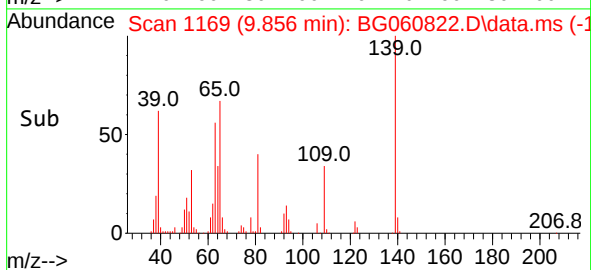
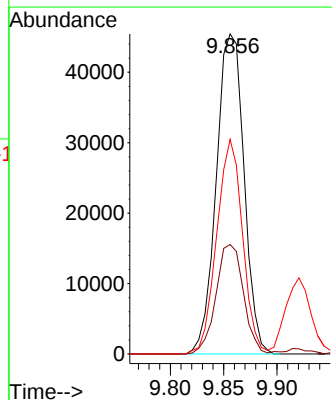
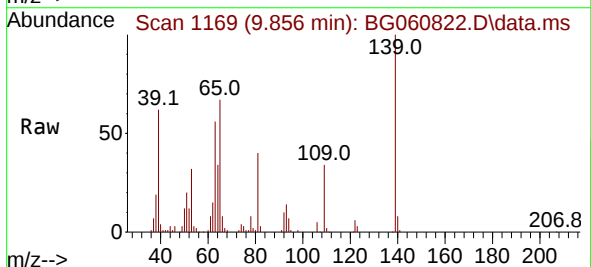
Supervised By :mohammad
ahmed

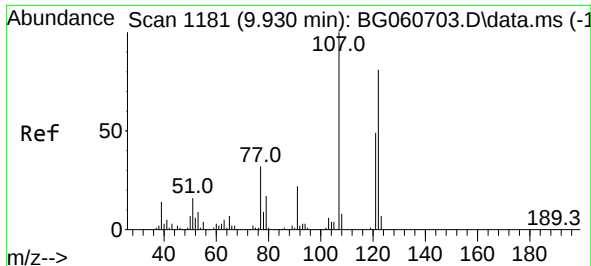
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#26
2-Nitrophenol
Concen: 52.219 ng
RT: 9.856 min Scan# 1169
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Tgt Ion:139 Resp: 82149
Ion Ratio Lower Upper
139 100
109 34.2 23.9 35.9
65 67.0 44.5 66.7#





#27

2,4-Dimethylphenol

Concen: 38.094 ng

RT: 9.921 min Scan# 1181

Delta R.T. -0.009 min

Lab File: BG060822.D

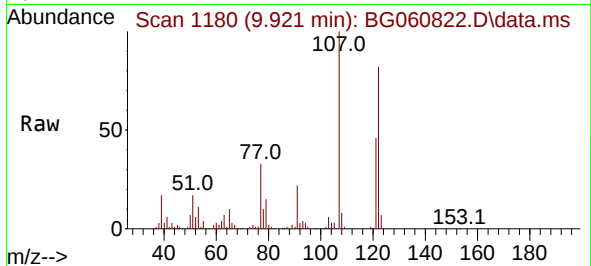
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.9	98.6	147.8
121	55.6	48.1	72.1

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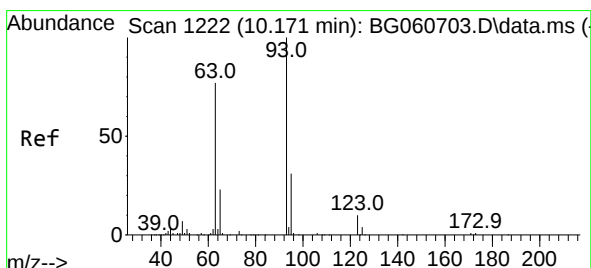
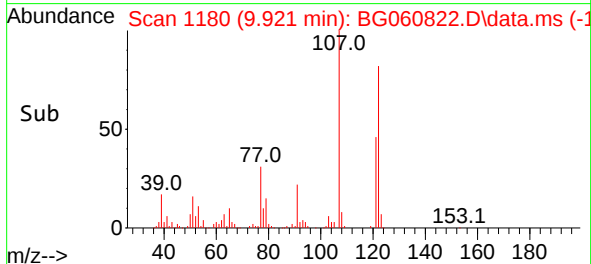
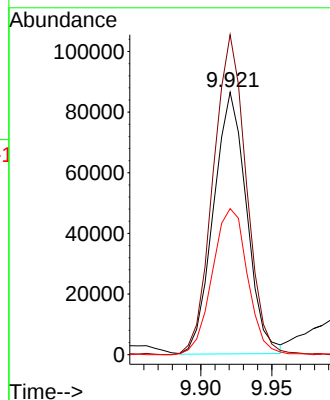
Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024

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Supervised By :mohammad
ahmed

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#28

bis(2-Chloroethoxy)methane

Concen: 42.753 ng

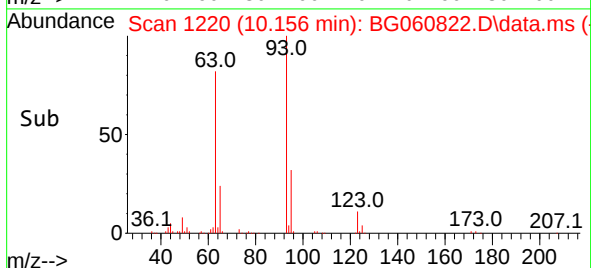
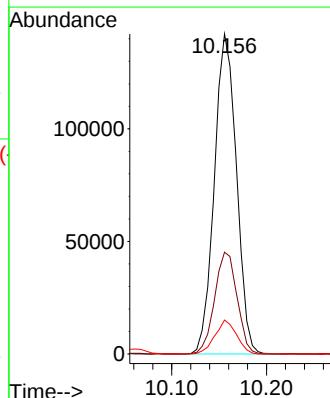
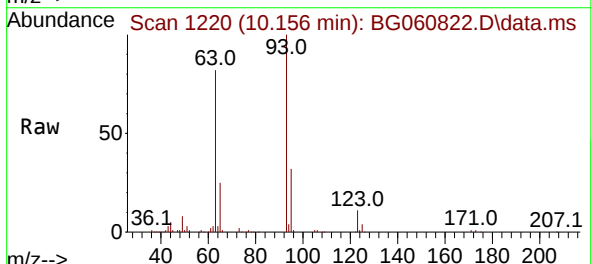
RT: 10.156 min Scan# 1220

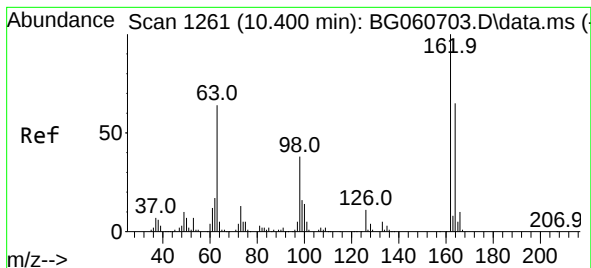
Delta R.T. -0.015 min

Lab File: BG060822.D

Acq: 8 Apr 2024 12:28

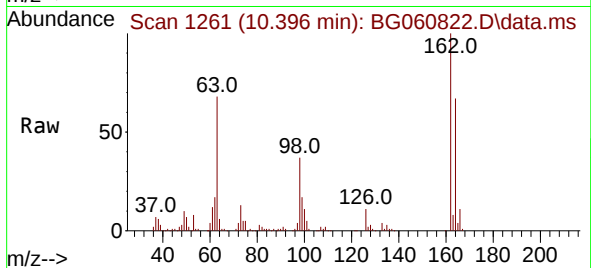
Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.1	37.7
123	10.6	8.0	12.0





#29
2,4-Dichlorophenol
Concen: 53.614 ng
RT: 10.396 min Scan# 1261
Delta R.T. -0.004 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :
BNA_G
ClientSampleId :
PB160005BS



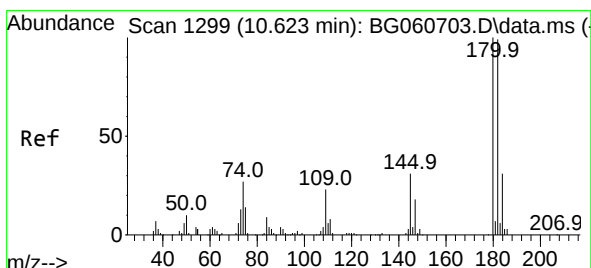
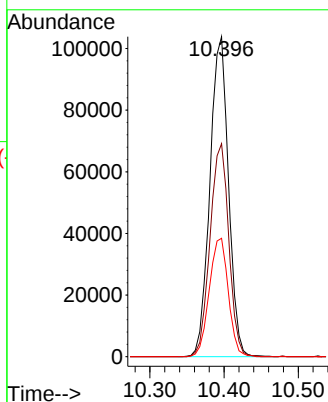
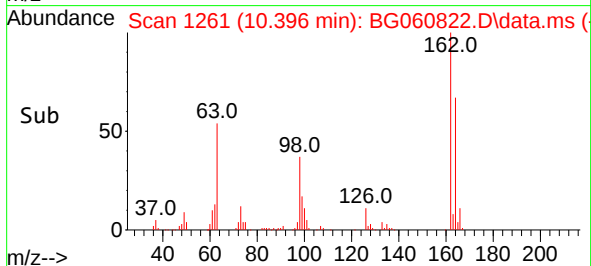
Tgt Ion:162 Resp: 180549
Ion Ratio Lower Upper
162 100
164 66.5 45.2 85.2
98 37.0 17.7 57.7

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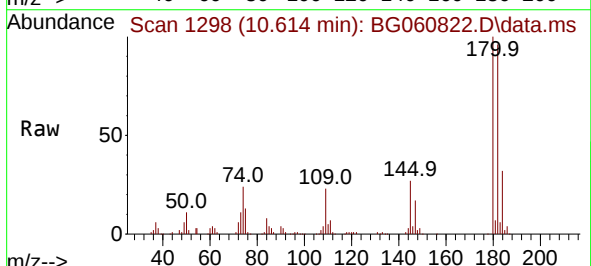
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

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ahmed

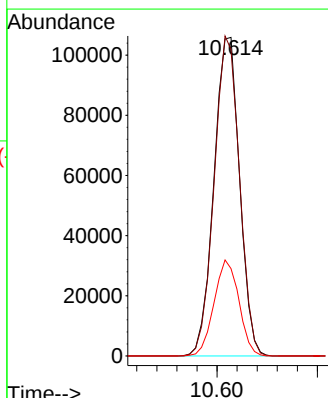
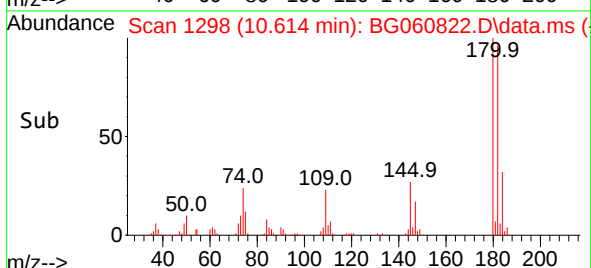
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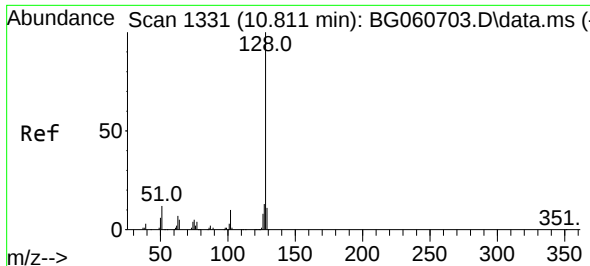


#30
1,2,4-Trichlorobenzene
Concen: 49.215 ng
RT: 10.614 min Scan# 1298
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28



Tgt Ion:180 Resp: 187670
Ion Ratio Lower Upper
180 100
182 96.2 79.0 118.4
145 27.4 24.9 37.3





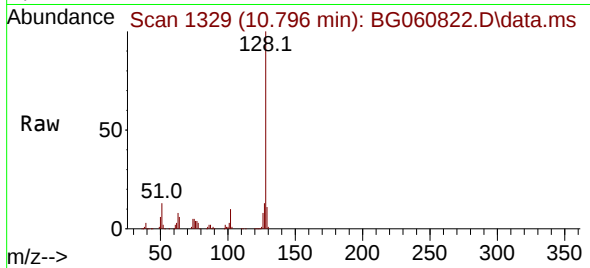
#31
Naphthalene
Concen: 44.338 ng
RT: 10.796 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:128 Resp: 542454
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.4 10.5 15.7

Manual Integrations

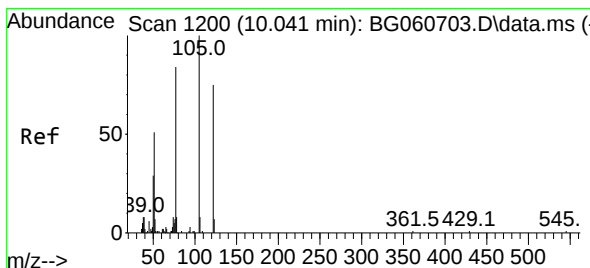
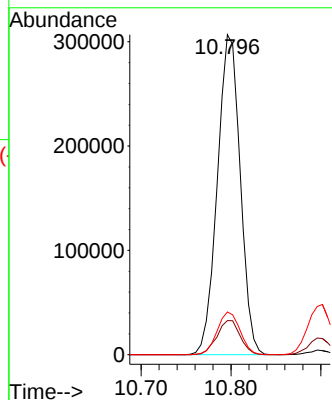
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Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

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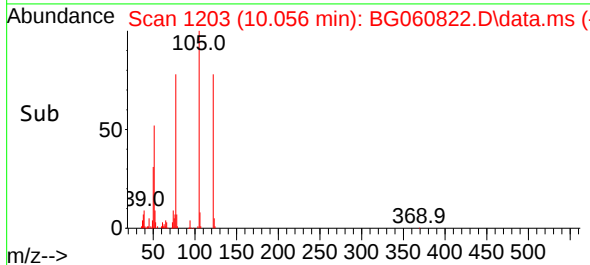
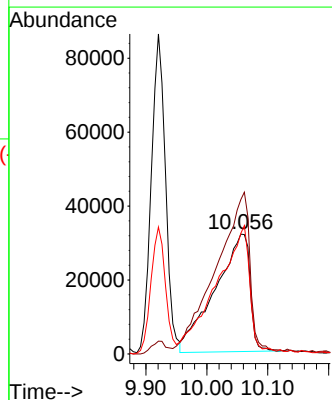
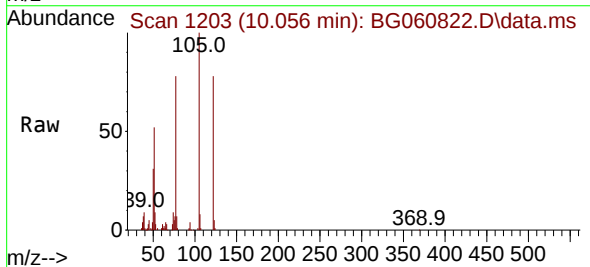
Supervised By :mohammad
ahmed

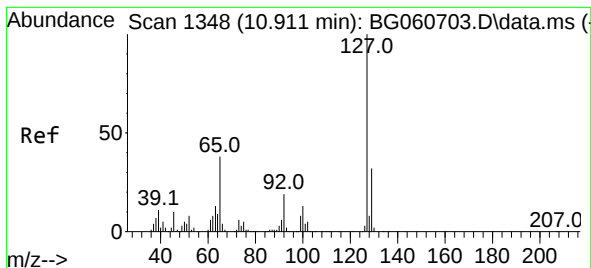
04/10/2024



#32
Benzoic acid
Concen: 51.062 ng
RT: 10.056 min Scan# 1203
Delta R.T. 0.015 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Tgt Ion:122 Resp: 125828
Ion Ratio Lower Upper
122 100
105 128.9 104.5 144.5
77 100.7 85.3 125.3





#33
4-Chloroaniline
Concen: 15.747 ng
RT: 10.902 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS

Tgt Ion:127 Resp: 8948
Ion Ratio Lower Upper
127 100
129 32.3 25.3 37.9
65 36.1 30.2 45.2
92 18.4 15.5 23.3

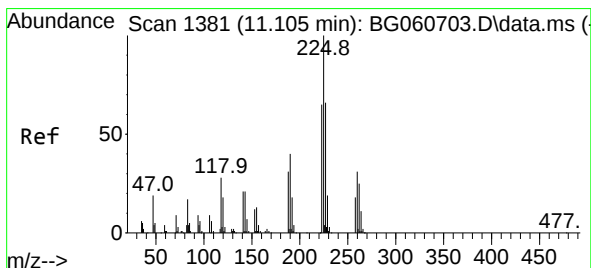
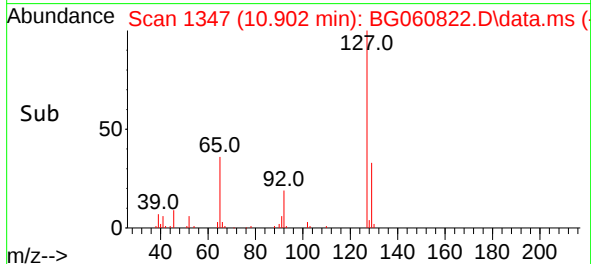
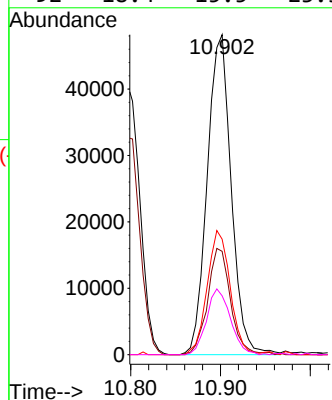
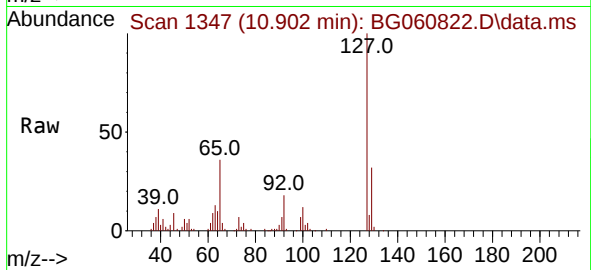
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Supervised By :mohammad ahmed 04/10/2024

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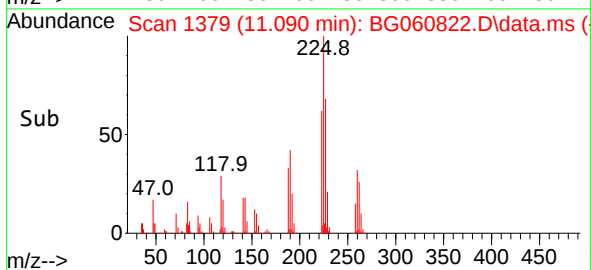
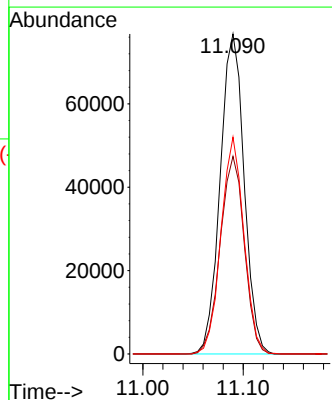
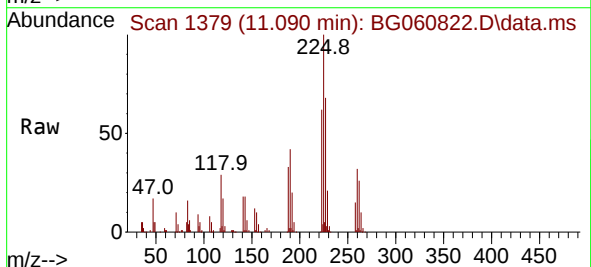
Supervised By :mohammad
ahmed

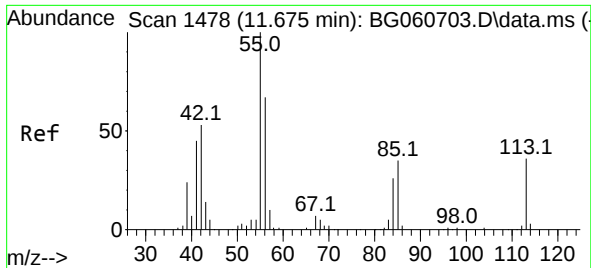
04/10/2024



#34
Hexachlorobutadiene
Concen: 49.993 ng
RT: 11.090 min Scan# 1379
Delta R.T. -0.015 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

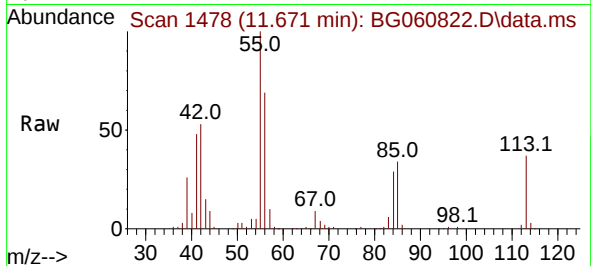
Tgt Ion:225 Resp: 127051
Ion Ratio Lower Upper
225 100
223 61.8 52.0 78.0
227 67.8 52.5 78.7





#35
Caprolactam
Concen: 46.945 ng m
RT: 11.671 min Scan# 1478
Delta R.T. -0.003 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :
BNA_G
ClientSampleId :
PB160005BS



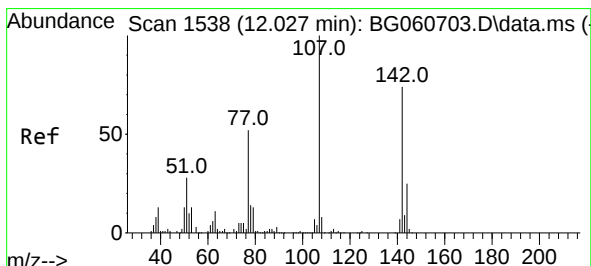
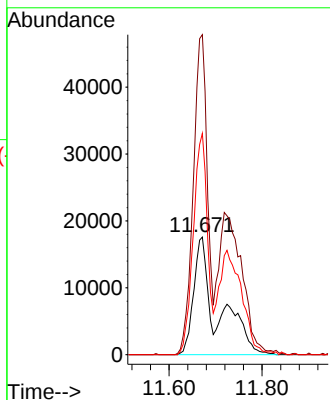
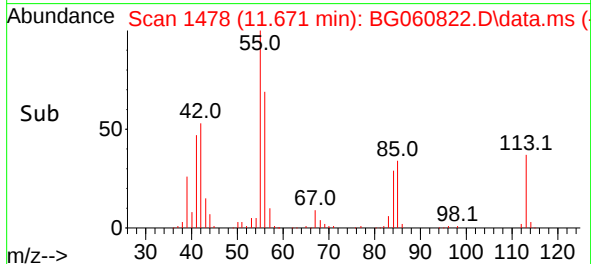
Tgt Ion:113 Resp: 62614
Ion Ratio Lower Upper
113 100
55 272.2 258.0 298.0
56 188.3 166.3 206.3

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

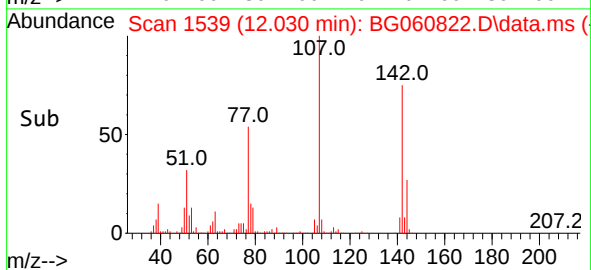
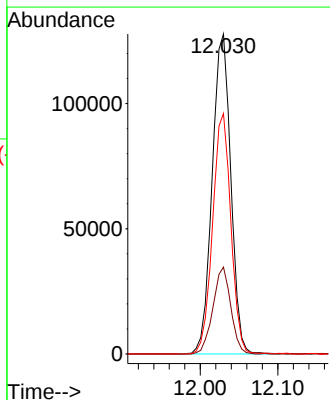
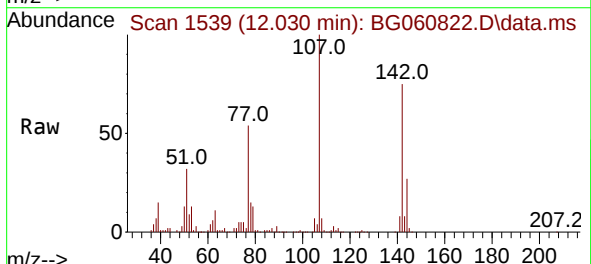
04/10/2024
Supervised By :mohammad
ahmed

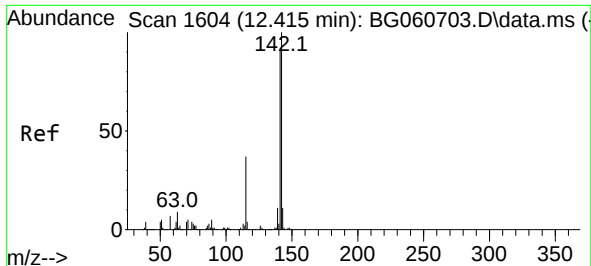
04/10/2024



#36
4-Chloro-3-methylphenol
Concen: 49.595 ng
RT: 12.030 min Scan# 1539
Delta R.T. 0.003 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Tgt Ion:107 Resp: 213355
Ion Ratio Lower Upper
107 100
144 27.2 20.0 30.0
142 75.1 59.2 88.8





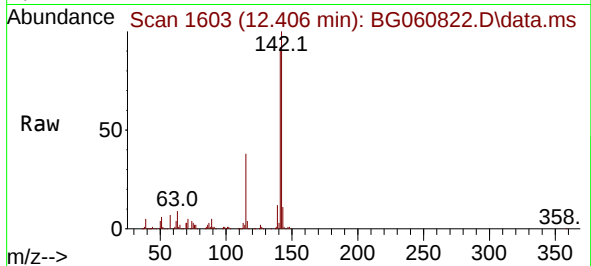
#37
2-Methylnaphthalene
Concen: 43.534 ng
RT: 12.406 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:142 Resp: 39157
Ion Ratio Lower Upper
142 100
141 91.6 72.7 109.1
115 38.2 29.9 44.9

Manual Integrations

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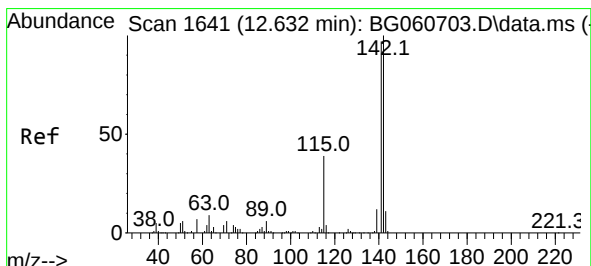
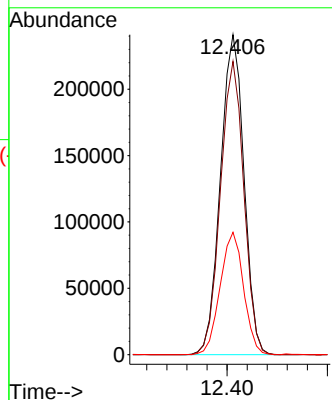
Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024

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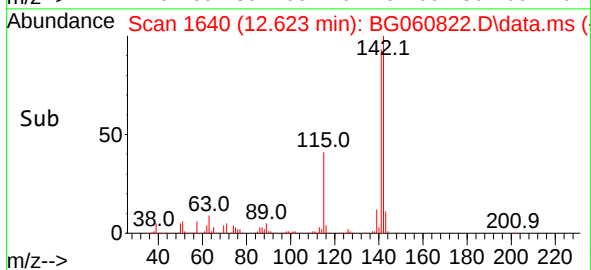
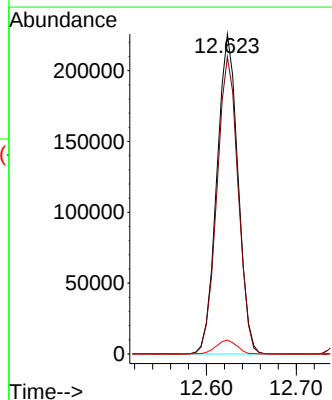
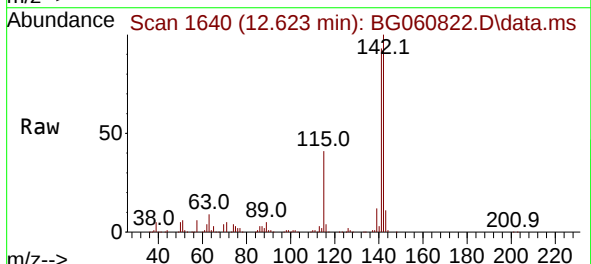
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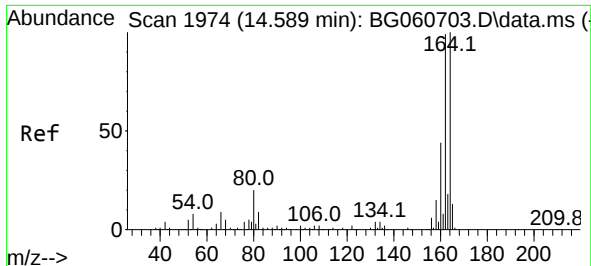
04/10/2024



#38
1-Methylnaphthalene
Concen: 43.336 ng
RT: 12.623 min Scan# 1640
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Tgt Ion:142 Resp: 368236
Ion Ratio Lower Upper
142 100
141 92.8 77.7 116.5
116 4.4 3.4 5.2





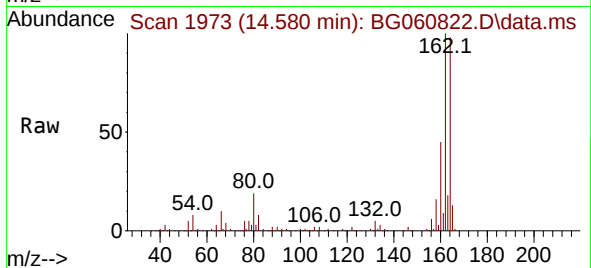
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:164 Resp: 184875
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 46.2 35.4 53.0

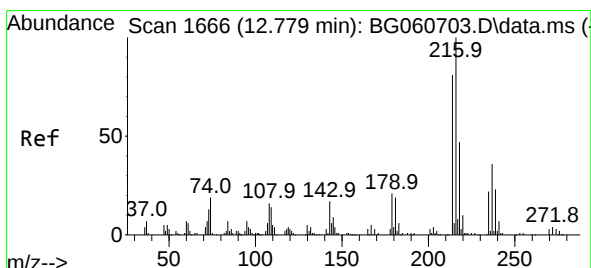
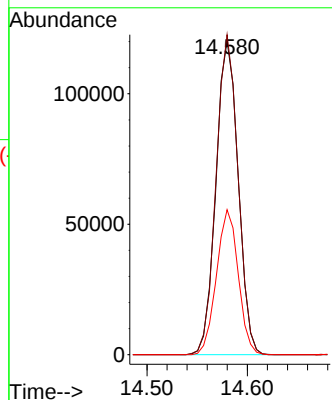
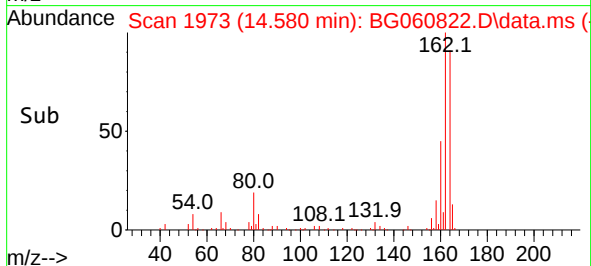
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Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

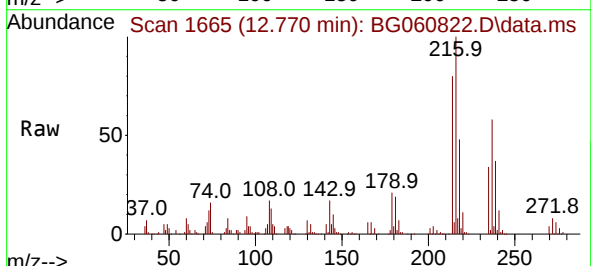
04/10/2024

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ahmed

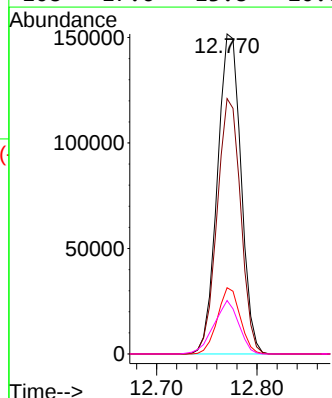
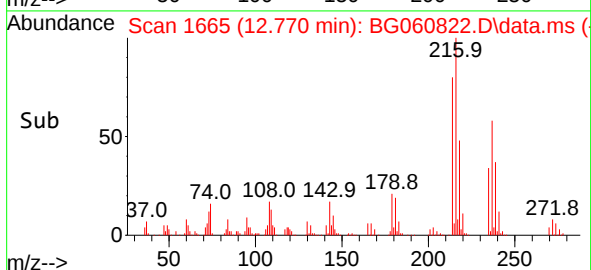
04/10/2024

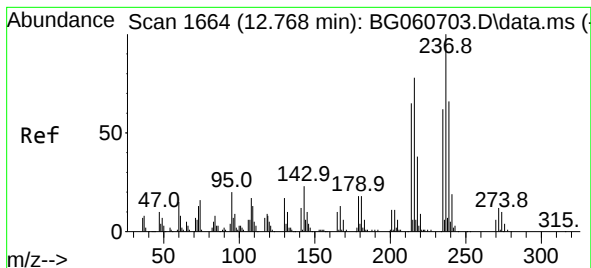


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.595 ng
RT: 12.770 min Scan# 1665
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28



Tgt Ion:216 Resp: 247652
Ion Ratio Lower Upper
216 100
214 79.6 63.1 94.7
179 19.9 16.7 25.1
108 17.6 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 105.164 ng
RT: 12.758 min Scan# 1663
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS

Tgt Ion:237 Resp: 284208
Ion Ratio Lower Upper
237 100
235 63.3 42.0 82.0
272 12.0 0.0 32.4

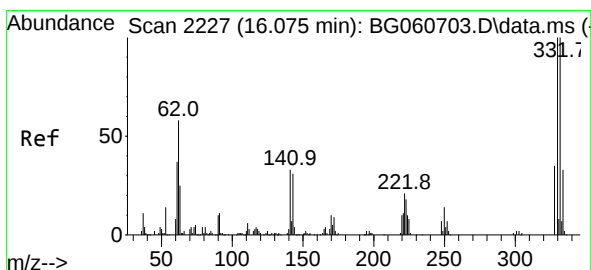
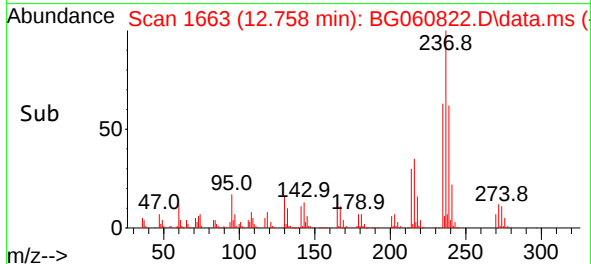
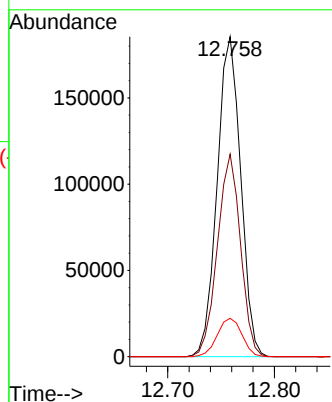
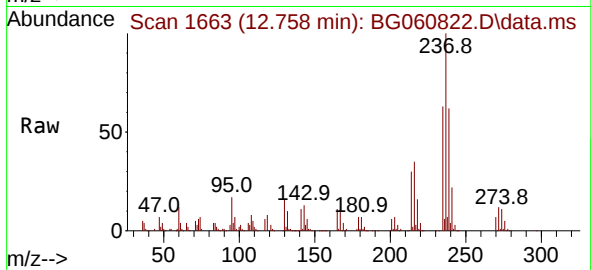
Manual Integrations
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Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

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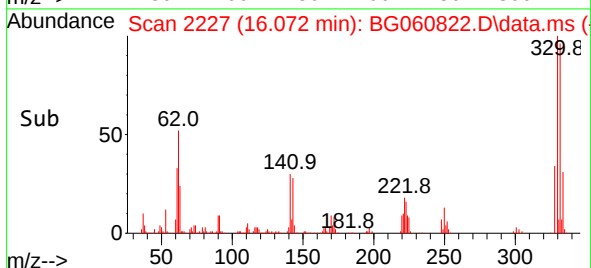
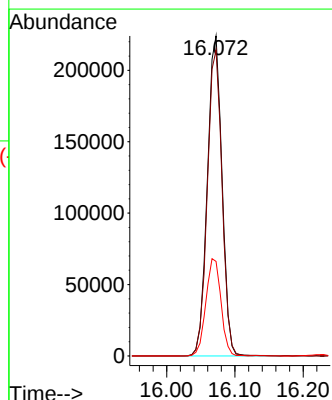
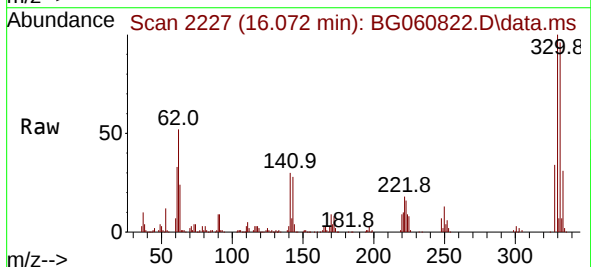
Supervised By :mohammad
ahmed

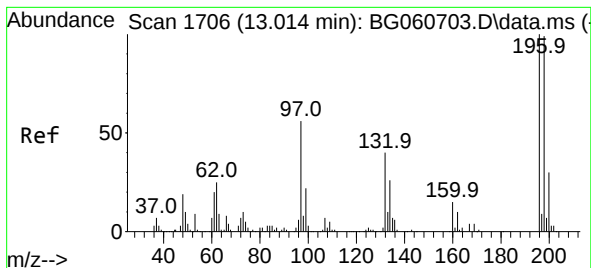
04/10/2024



#42
2,4,6-Tribromophenol
Concen: 159.590 ng
RT: 16.072 min Scan# 2227
Delta R.T. -0.003 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Tgt Ion:330 Resp: 334921
Ion Ratio Lower Upper
330 100
332 96.0 78.2 117.4
141 31.3 27.0 40.6





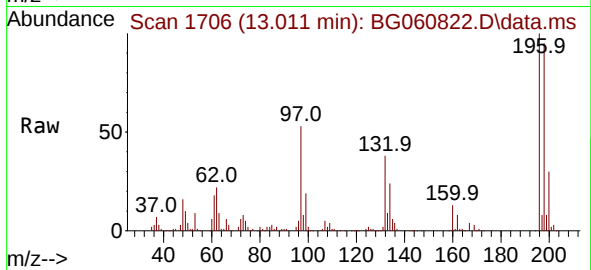
#43
2,4,6-Trichlorophenol
Concen: 51.635 ng
RT: 13.011 min Scan# 1706
Delta R.T. -0.003 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:196 Resp: 176711
Ion Ratio Lower Upper
196 100
198 94.7 79.1 118.7
200 30.2 24.0 36.0

Manual Integrations

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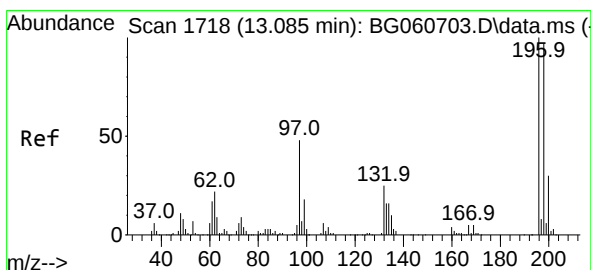
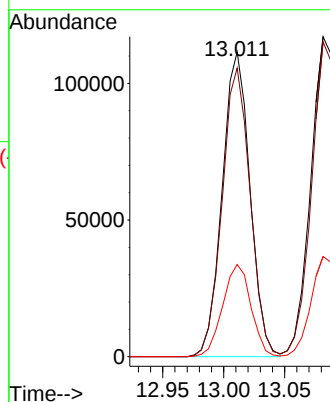
Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024

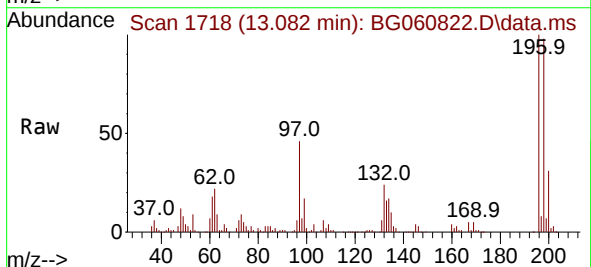
04/10/2024

Supervised By :mohammad
ahmed

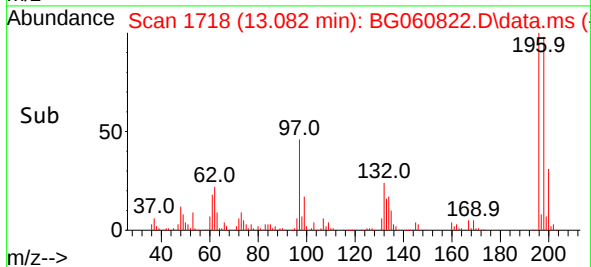
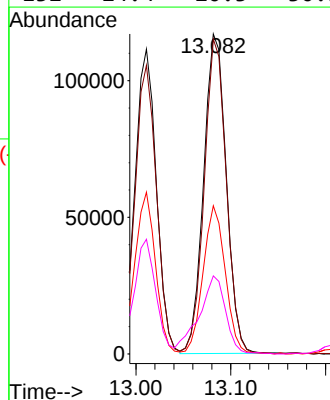
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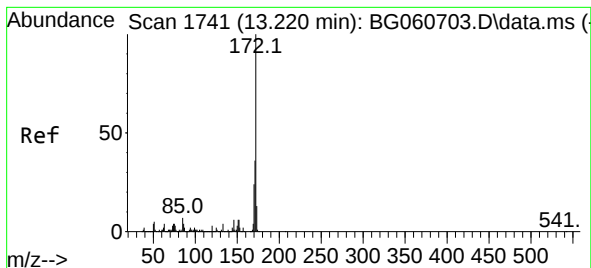


#44
2,4,5-Trichlorophenol
Concen: 47.477 ng
RT: 13.082 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28



Tgt Ion:196 Resp: 193908
Ion Ratio Lower Upper
196 100
198 98.4 77.8 116.8
97 46.3 38.2 57.4
132 24.4 20.3 30.5





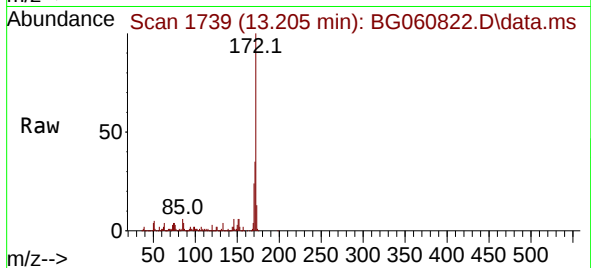
#45
2-Fluorobiphenyl
Concen: 82.747 ng
RT: 13.205 min Scan# 1739
Delta R.T. -0.015 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:172 Resp: 1042350
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 24.2 19.4 29.0

Manual Integrations

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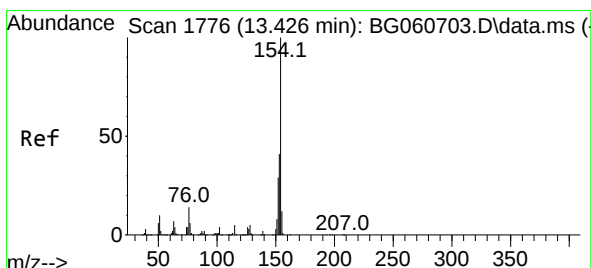
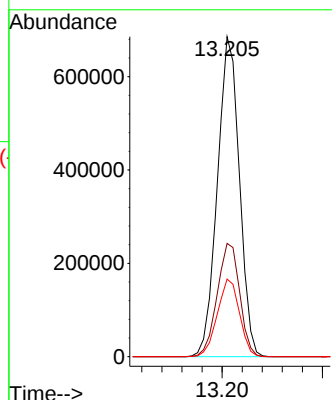
Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024

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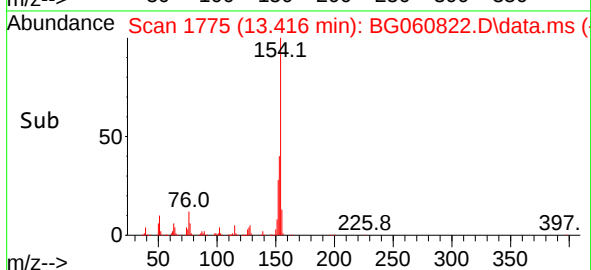
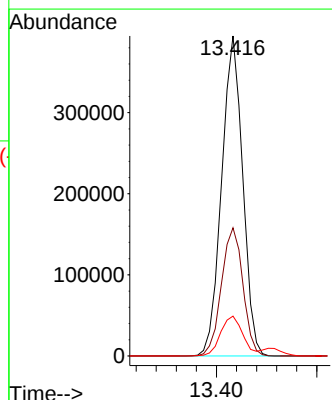
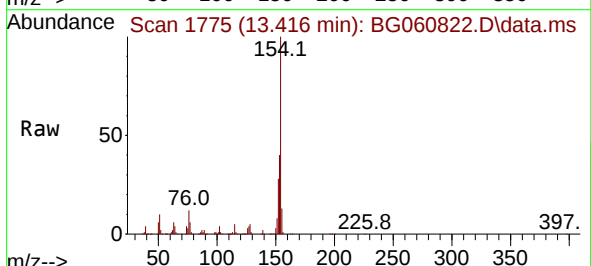
Supervised By :mohammad
ahmed

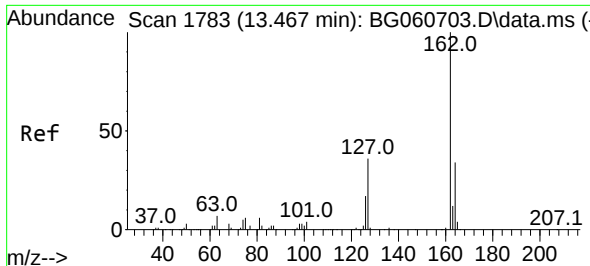
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#46
1,1'-Biphenyl
Concen: 43.955 ng
RT: 13.416 min Scan# 1775
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Tgt Ion:154 Resp: 573987
Ion Ratio Lower Upper
154 100
153 40.0 20.8 60.8
76 12.4 0.0 33.9





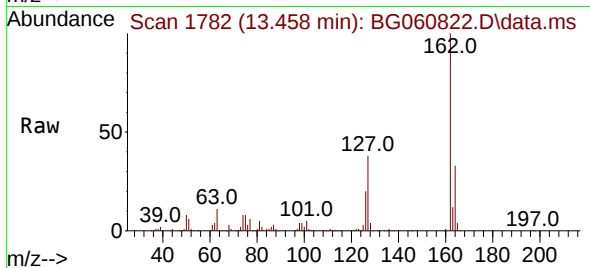
#47
2-Chloronaphthalene
Concen: 45.034 ng
RT: 13.458 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:162 Resp: 44679
Ion Ratio Lower Upper
162 100
127 38.4 30.6 46.0
164 33.5 26.9 40.3

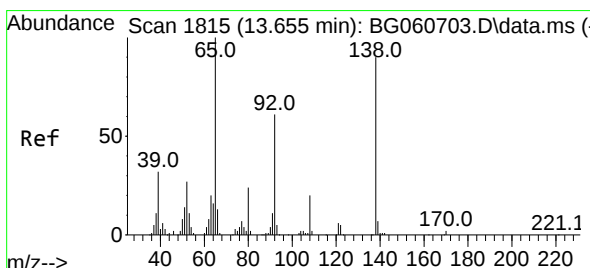
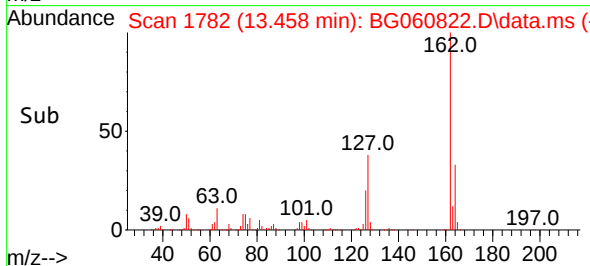
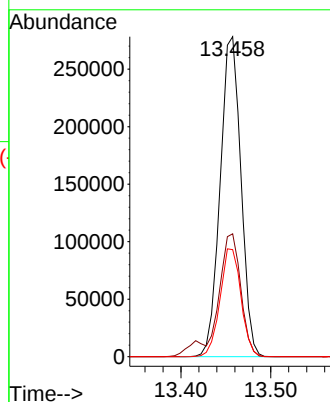
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Supervised By :mohammad ahmed 04/10/2024

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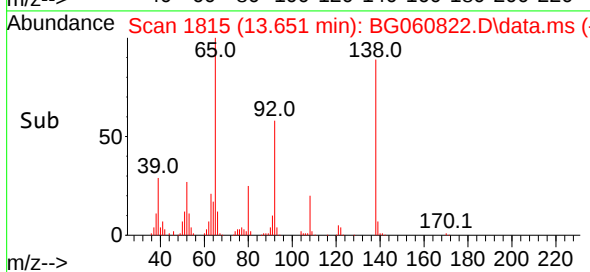
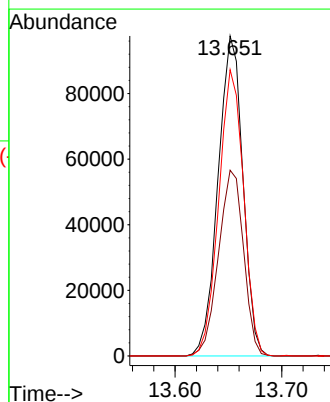
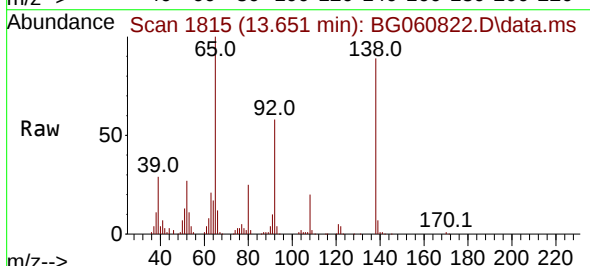
Supervised By :mohammad
ahmed

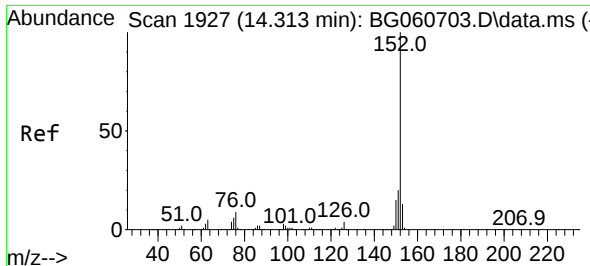
04/10/2024



#48
2-Nitroaniline
Concen: 48.769 ng
RT: 13.651 min Scan# 1815
Delta R.T. -0.004 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Tgt Ion: 65 Resp: 157314
Ion Ratio Lower Upper
65 100
92 58.1 48.6 72.8
138 89.4 72.2 108.4





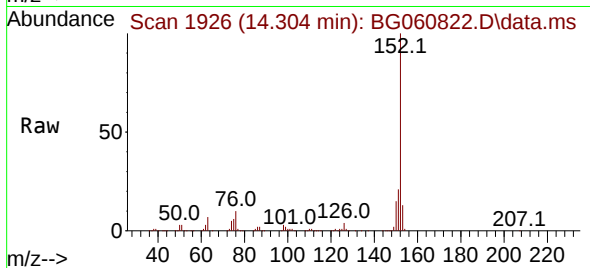
#49
Acenaphthylene
Concen: 45.780 ng
RT: 14.304 min Scan# 1927
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:152 Resp: 76316
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 12.8 10.5 15.7

Manual Integrations

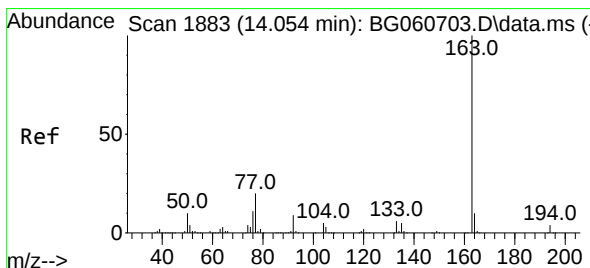
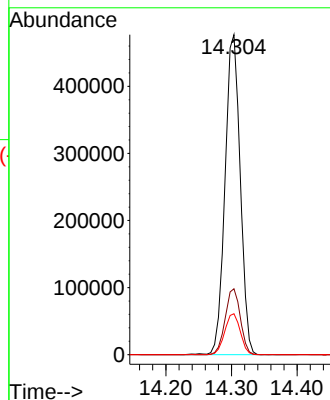
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Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

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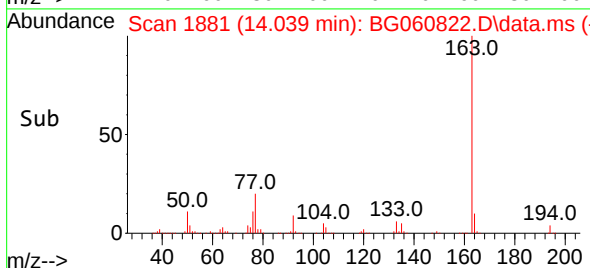
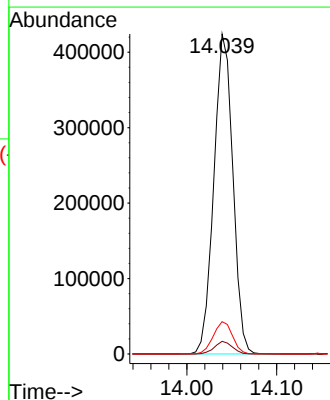
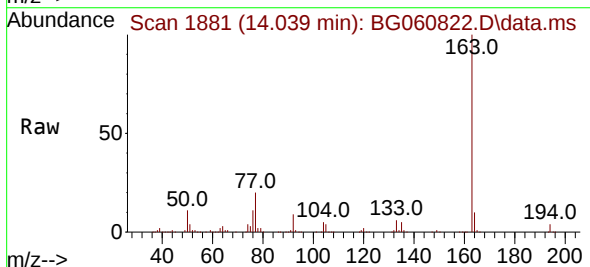
Supervised By :mohammad
ahmed

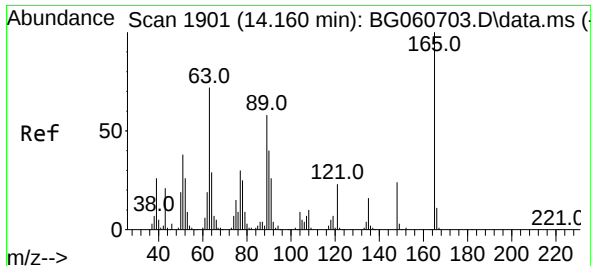
04/10/2024



#50
Dimethylphthalate
Concen: 42.603 ng
RT: 14.039 min Scan# 1881
Delta R.T. -0.015 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Tgt Ion:163 Resp: 622541
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 46.728 ng
RT: 14.151 min Scan# 1901
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS

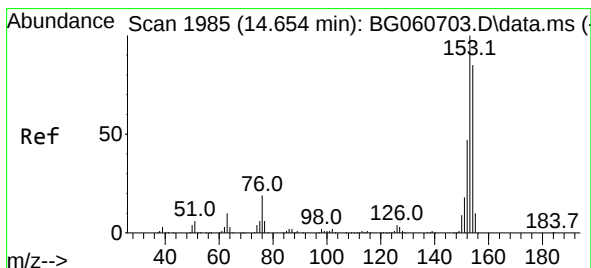
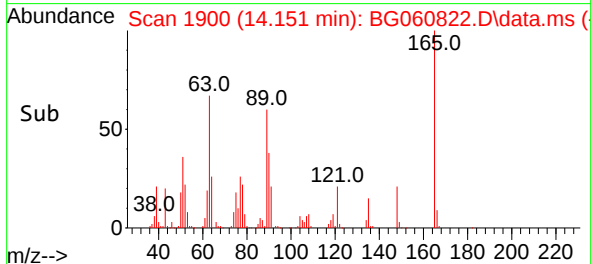
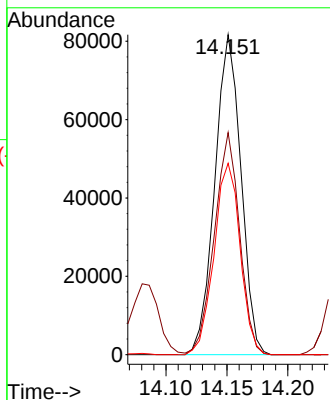
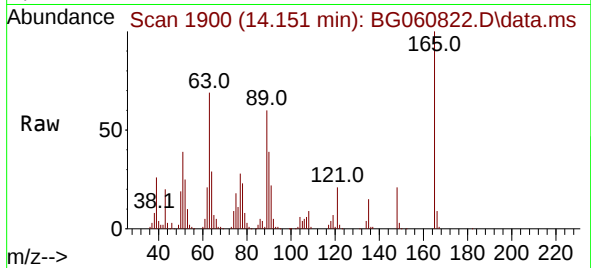
Tgt Ion:165 Resp: 121990
Ion Ratio Lower Upper
165 100
63 69.4 58.2 87.4
89 59.8 46.1 69.1

Manual Integrations
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Supervised By :mohammad ahmed 04/10/2024

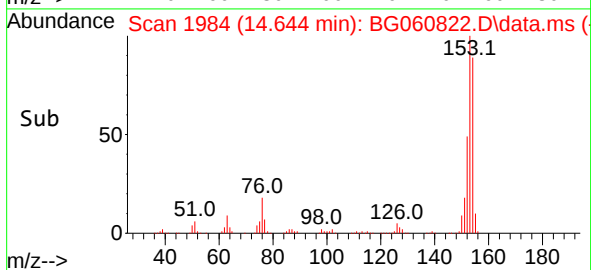
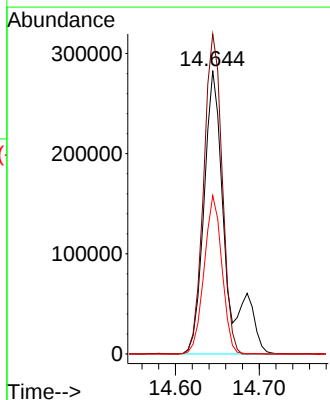
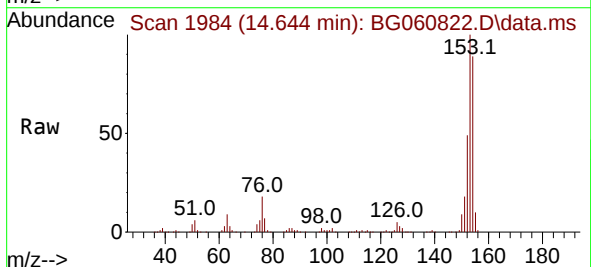
04/10/2024
Supervised By :mohammad
ahmed

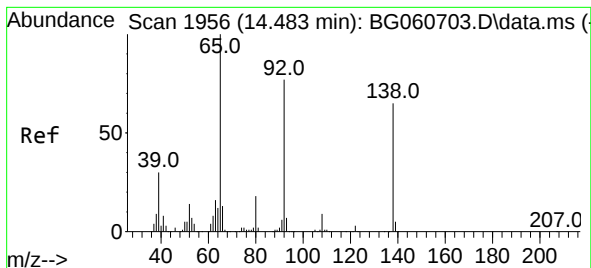
04/10/2024



#52
Acenaphthene
Concen: 48.094 ng m
RT: 14.644 min Scan# 1984
Delta R.T. -0.010 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Tgt Ion:154 Resp: 503383
Ion Ratio Lower Upper
154 100
153 112.9 93.9 140.9
152 55.9 44.1 66.1





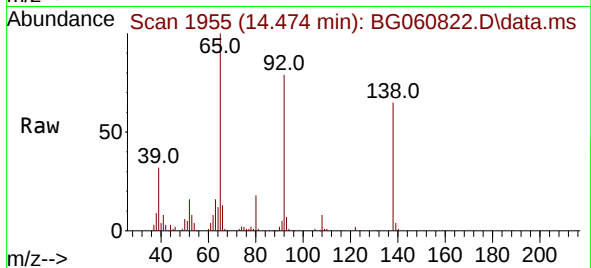
#53
3-Nitroaniline
Concen: 27.461 ng
RT: 14.474 min Scan# 1955
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:138 Resp: 75094
Ion Ratio Lower Upper
138 100
108 12.5 11.3 16.9
92 121.0 94.1 141.1

Manual Integrations

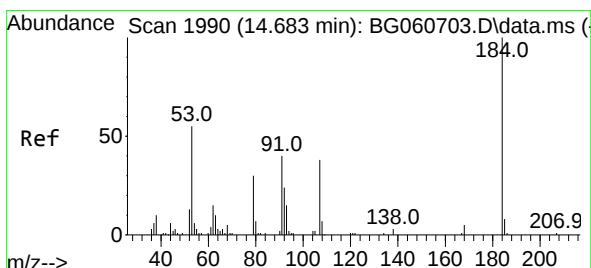
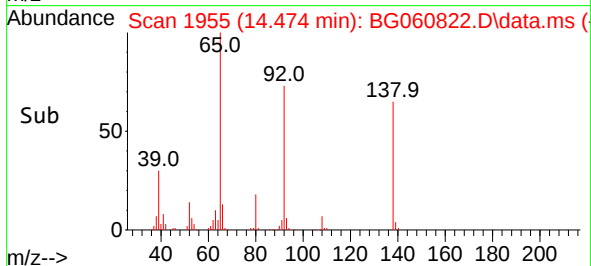
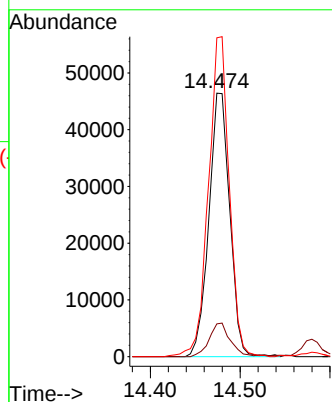
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Supervised By :mohammad ahmed 04/10/2024

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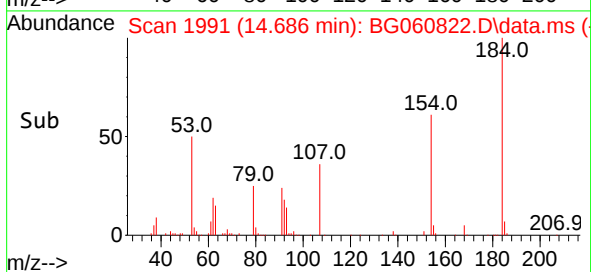
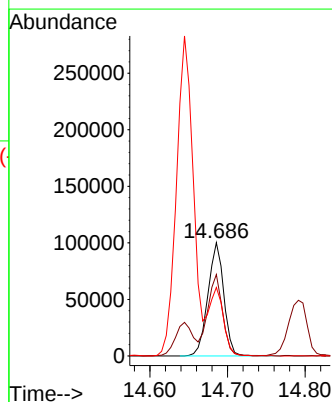
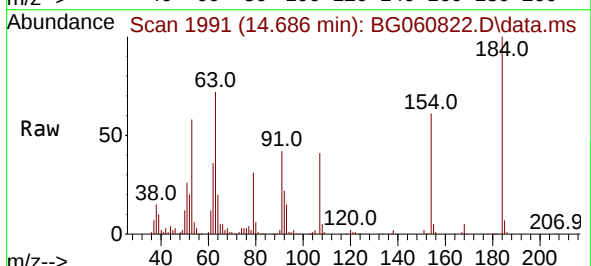
Supervised By :mohammad
ahmed

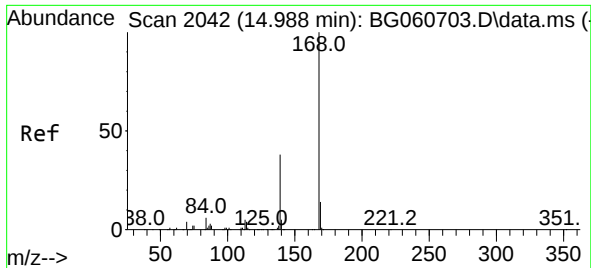
04/10/2024



#54
2,4-Dinitrophenol
Concen: 140.185 ng
RT: 14.686 min Scan# 1991
Delta R.T. 0.003 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Tgt Ion:184 Resp: 142586
Ion Ratio Lower Upper
184 100
63 72.0 51.3 76.9
154 60.5 59.9 89.9





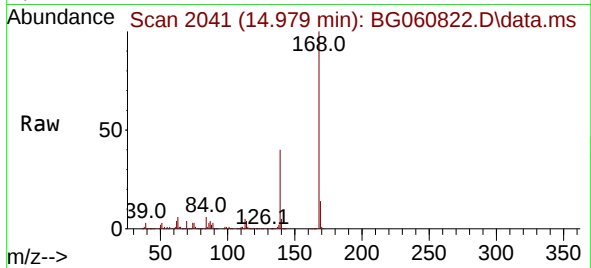
#55
Dibenzenofuran
Concen: 43.107 ng
RT: 14.979 min Scan# 2041
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:168 Resp: 711678
Ion Ratio Lower Upper
168 100
139 40.3 30.1 45.1
169 14.4 11.0 16.4

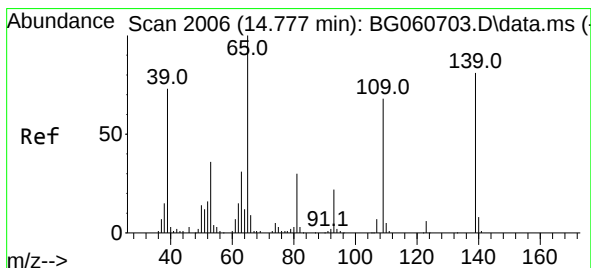
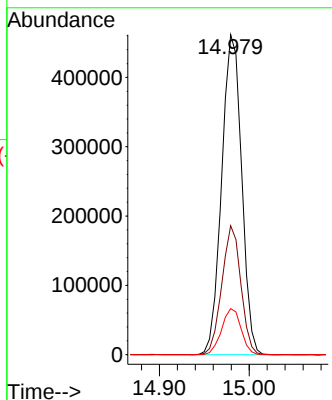
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Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

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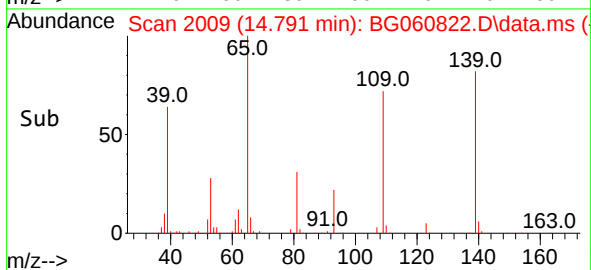
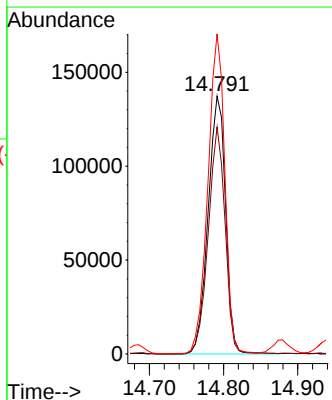
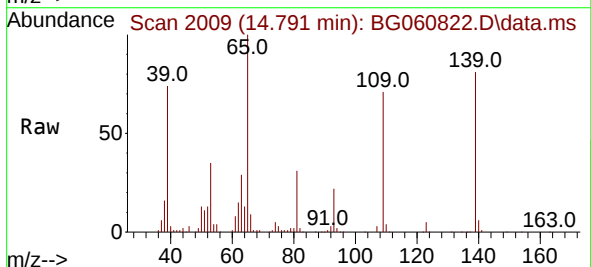
Supervised By :mohammad
ahmed

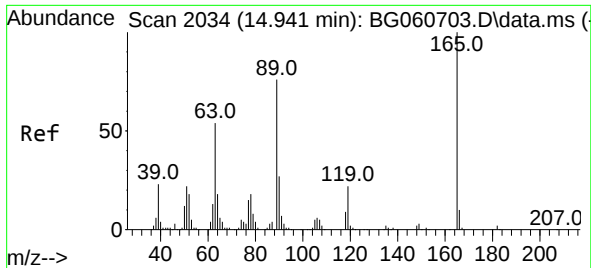
04/10/2024



#56
4-Nitrophenol
Concen: 105.363 ng
RT: 14.791 min Scan# 2009
Delta R.T. 0.014 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Tgt Ion:139 Resp: 225077
Ion Ratio Lower Upper
139 100
109 88.0 64.0 104.0
65 124.1 104.3 144.3





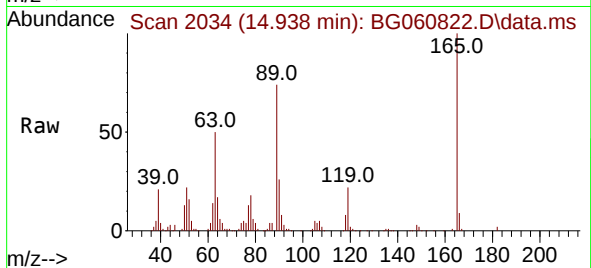
#57
2,4-Dinitrotoluene
Concen: 50.695 ng
RT: 14.938 min Scan# 2034
Delta R.T. -0.003 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:165 Resp: 17362
Ion Ratio Lower Upper
165 100
63 50.4 43.4 65.0
89 73.9 61.0 91.6
182 1.9 1.8 2.6

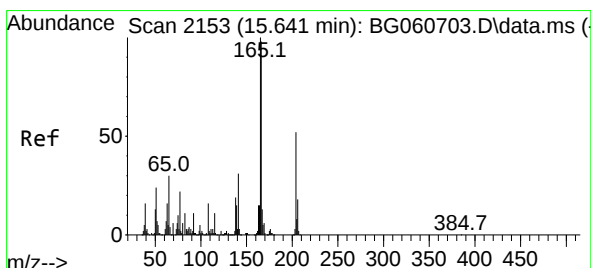
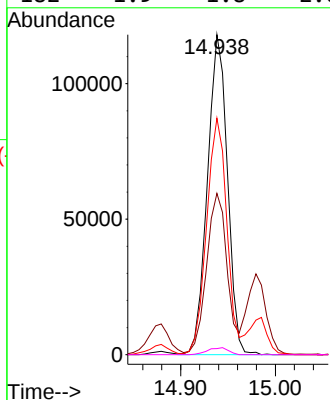
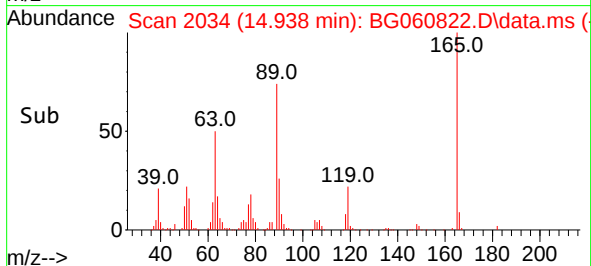
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Supervised By :mohammad ahmed 04/10/2024

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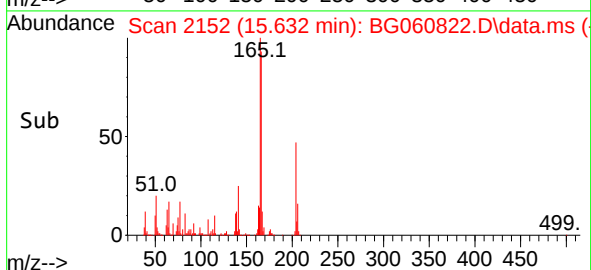
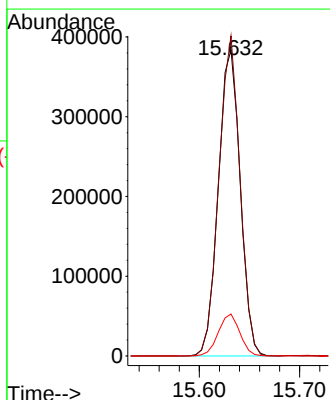
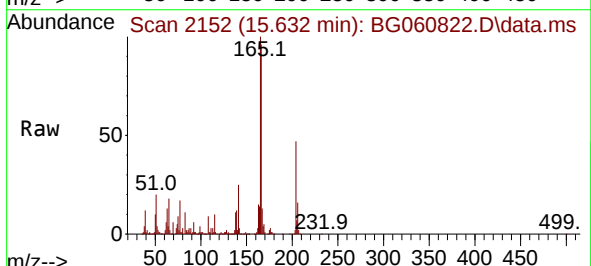
Supervised By :mohammad
ahmed

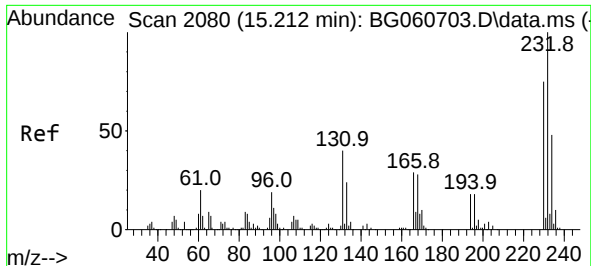
04/10/2024



#58
Fluorene
Concen: 43.809 ng
RT: 15.632 min Scan# 2152
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Tgt Ion:166 Resp: 580475
Ion Ratio Lower Upper
166 100
165 104.5 81.8 122.8
167 13.7 10.9 16.3





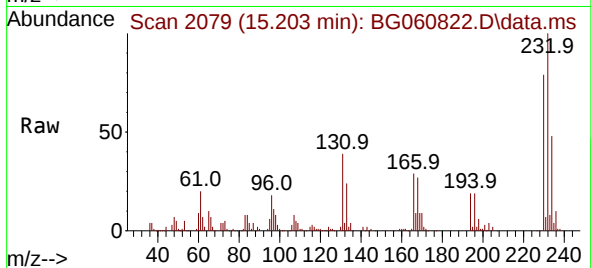
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.932 ng
RT: 15.203 min Scan# 2080
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:232 Resp: 18484
Ion Ratio Lower Upper
232 100
131 38.3 32.2 48.2
130 2.1 2.1 3.1
166 28.2 23.7 35.5

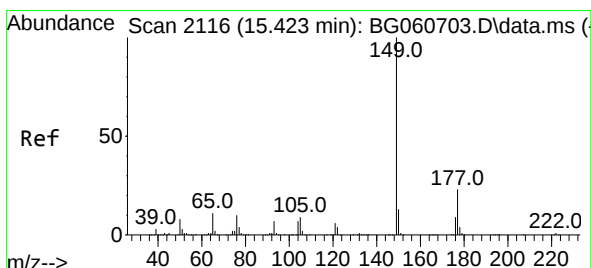
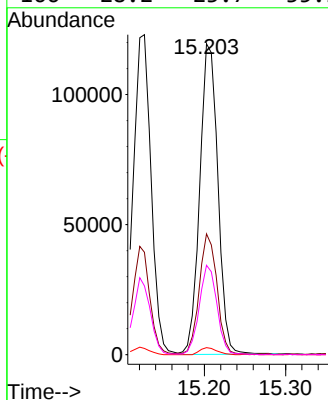
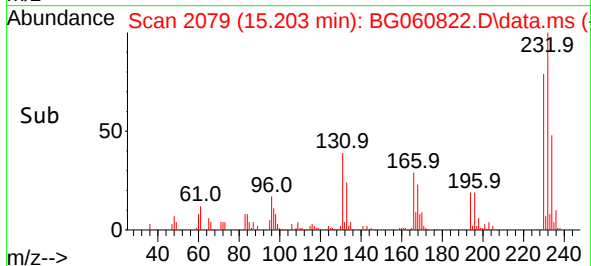
Manual Integrations
APPROVED

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

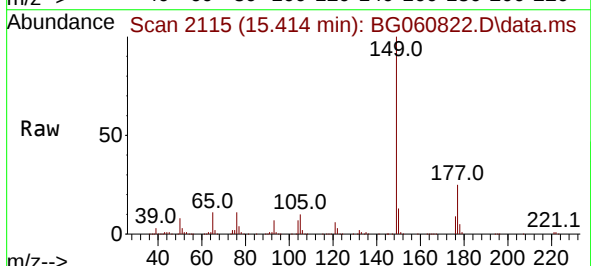
04/10/2024

Supervised By :mohammad
ahmed

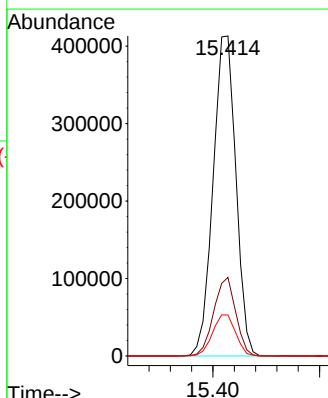
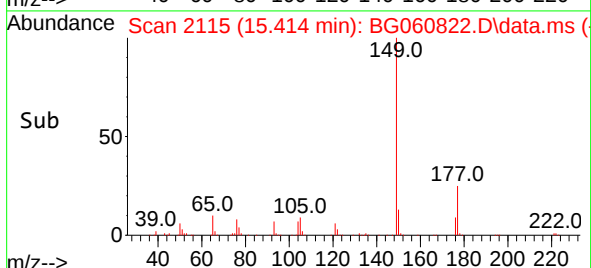
04/10/2024

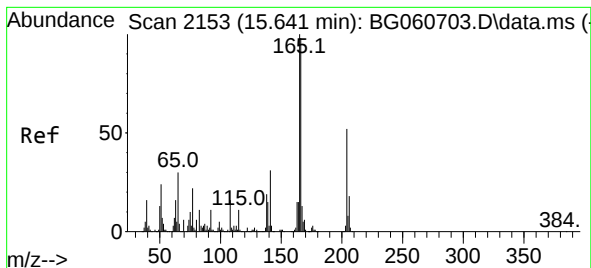


#60
Diethylphthalate
Concen: 41.708 ng
RT: 15.414 min Scan# 2115
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28



Tgt Ion:149 Resp: 613169
Ion Ratio Lower Upper
149 100
177 24.6 18.0 27.0
150 12.8 10.2 15.4





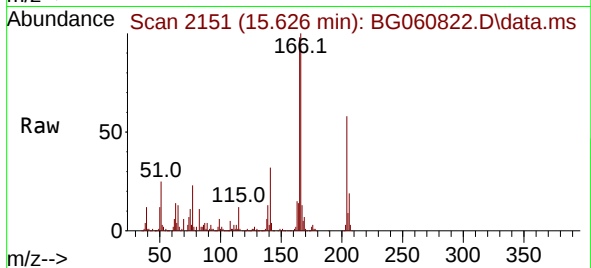
#61
4-Chlorophenyl-phenylether
Concen: 44.393 ng
RT: 15.626 min Scan# 2151
Delta R.T. -0.015 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:204 Resp: 311194
Ion Ratio Lower Upper
204 100
206 32.6 28.3 42.5
141 54.6 47.2 70.8

Manual Integrations

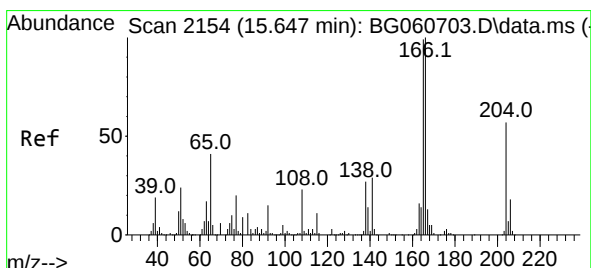
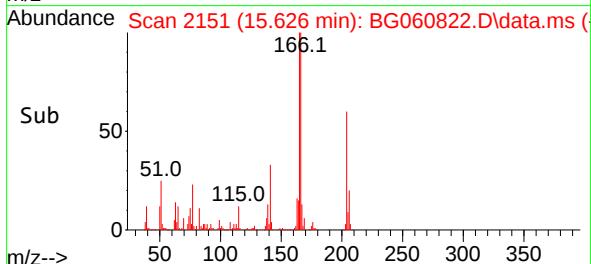
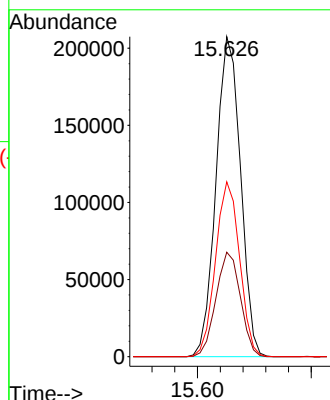
APPROVED

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

04/10/2024

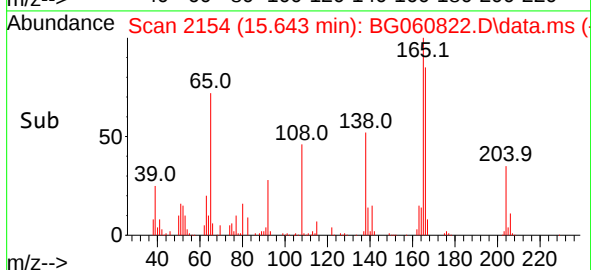
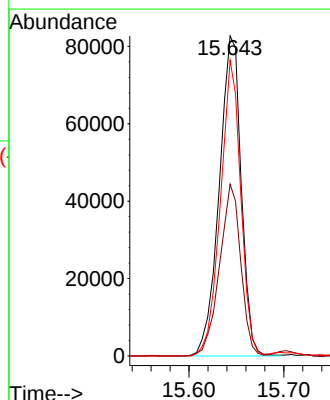
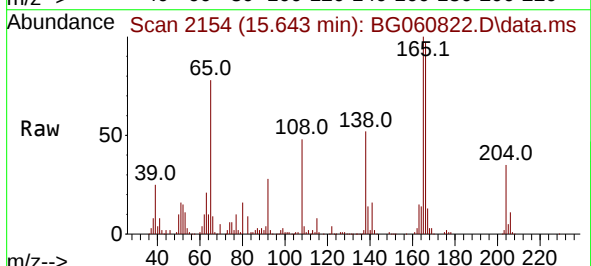
Supervised By :mohammad
ahmed

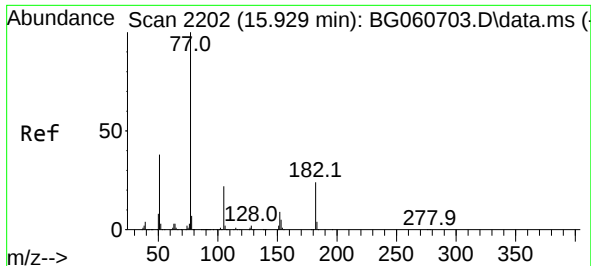
04/10/2024



#62
4-Nitroaniline
Concen: 49.844 ng
RT: 15.643 min Scan# 2154
Delta R.T. -0.003 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Tgt Ion:138 Resp: 133165
Ion Ratio Lower Upper
138 100
92 53.7 36.8 76.8
108 92.4 66.9 106.9





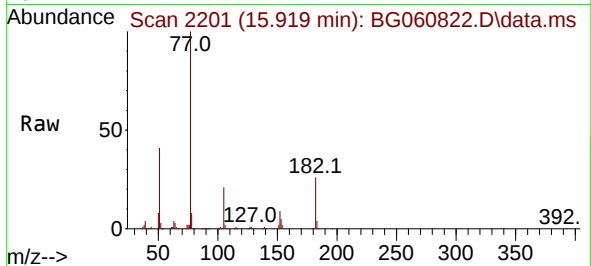
#63
Azobenzene
Concen: 41.920 ng
RT: 15.919 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion: 77 Resp: 600544
Ion Ratio Lower Upper
77 100
182 26.1 3.9 43.9
105 21.4 1.7 41.7
51 40.9 18.4 58.4

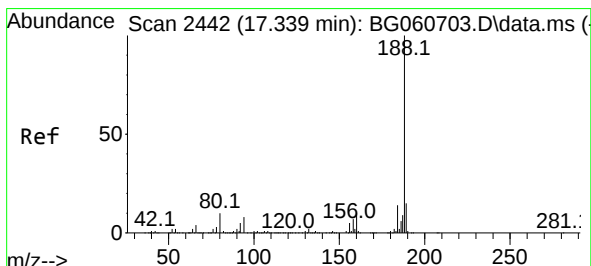
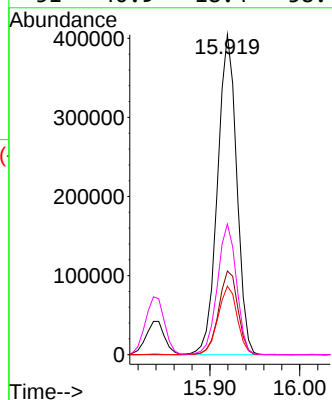
Manual Integrations
APPROVED

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

04/10/2024

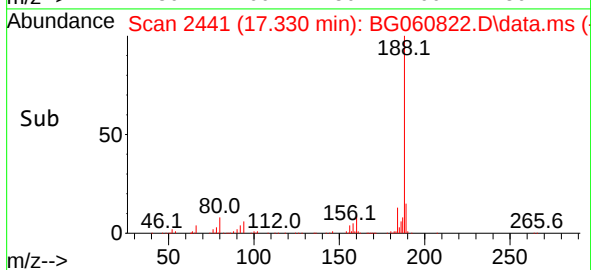
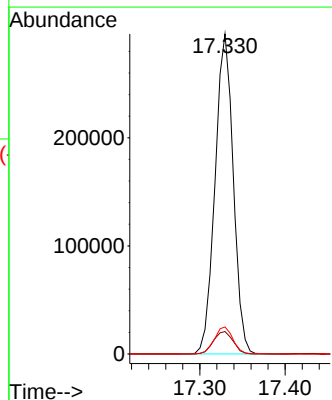
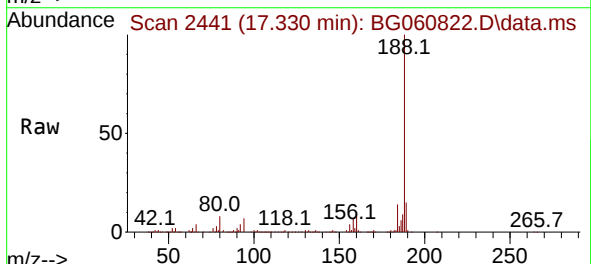
Supervised By :mohammad
ahmed

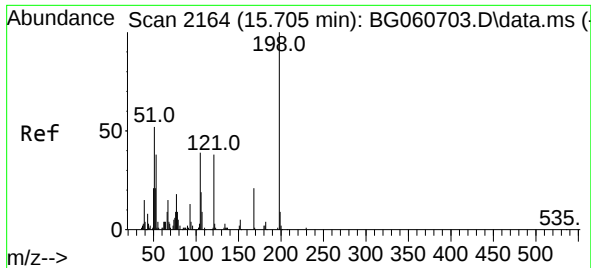
04/10/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

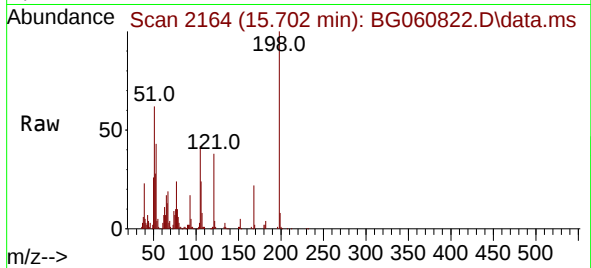
Tgt Ion:188 Resp: 438547
Ion Ratio Lower Upper
188 100
94 7.0 6.6 9.8
80 8.4 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 53.375 ng
RT: 15.702 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :
BNA_G
ClientSampleId :
PB160005BS



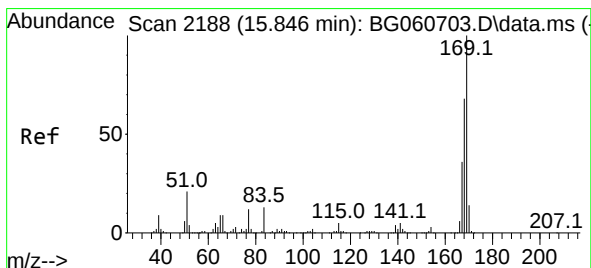
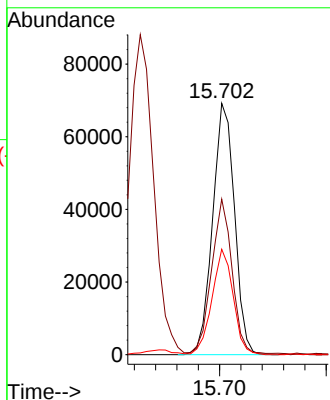
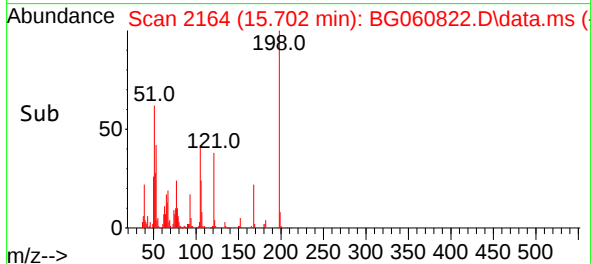
Tgt Ion:198 Resp: 98270
Ion Ratio Lower Upper
198 100
51 61.9 36.7 76.7
105 41.9 19.1 59.1

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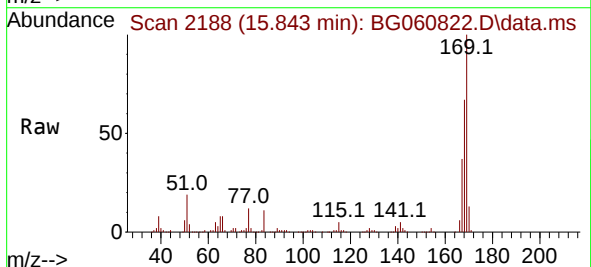
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

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Supervised By :mohammad
ahmed

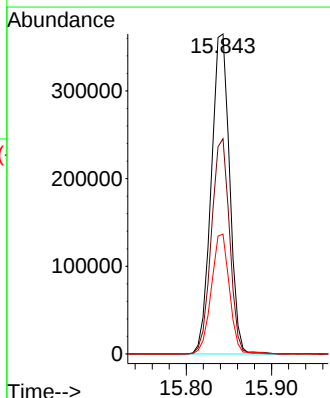
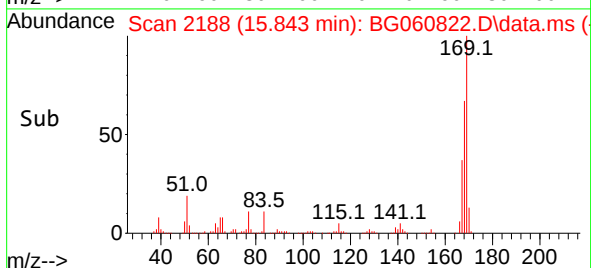
04/10/2024

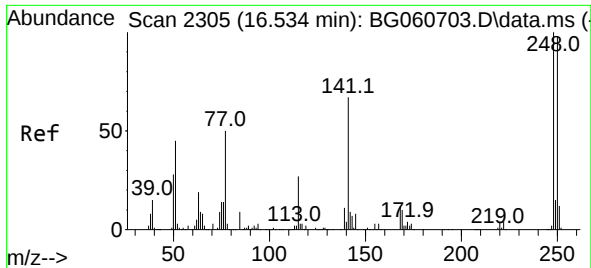


#66
n-Nitrosodiphenylamine
Concen: 43.399 ng
RT: 15.843 min Scan# 2188
Delta R.T. -0.003 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28



Tgt Ion:169 Resp: 543883
Ion Ratio Lower Upper
169 100
168 67.2 54.5 81.7
167 37.5 29.2 43.8





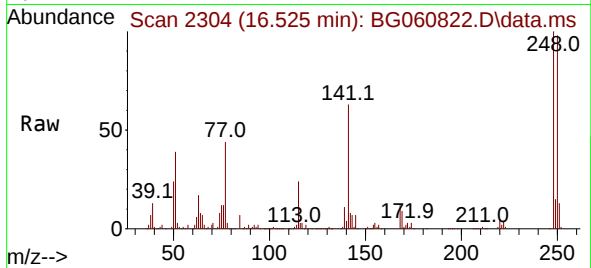
#67
4-Bromophenyl-phenylether
Concen: 47.562 ng
RT: 16.525 min Scan# 21168
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:248 Resp: 21168
Ion Ratio Lower Upper
248 100
250 97.9 78.3 117.5
141 62.9 53.7 80.5

Manual Integrations

APPROVED

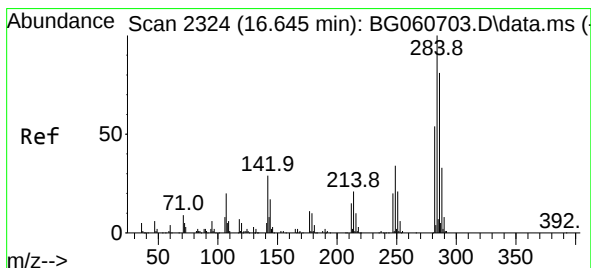
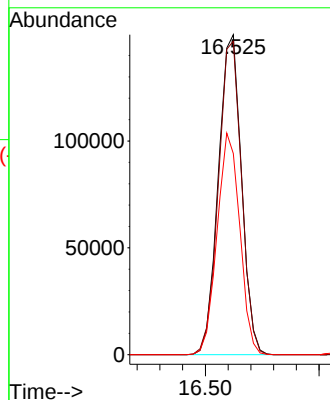
Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024

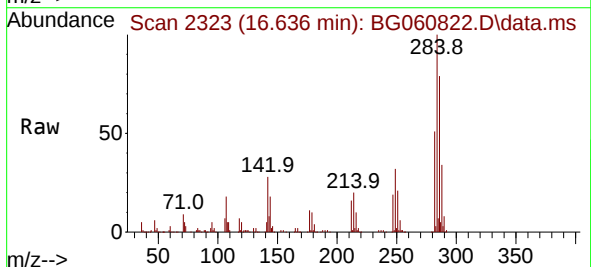
04/10/2024

Supervised By :mohammad
ahmed

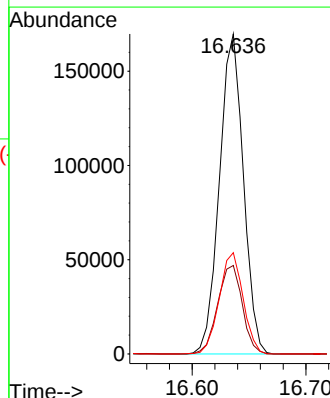
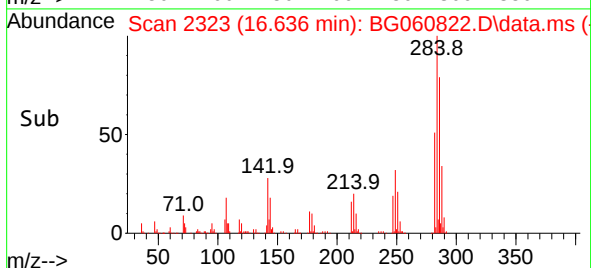
04/10/2024

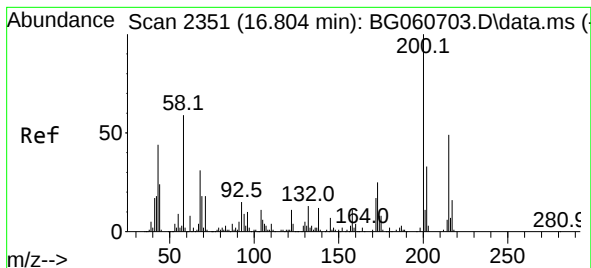


#68
Hexachlorobenzene
Concen: 49.388 ng
RT: 16.636 min Scan# 2323
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28



Tgt Ion:284 Resp: 248136
Ion Ratio Lower Upper
284 100
142 27.6 22.9 34.3
249 31.7 27.1 40.7





#69

Atrazine

Concen: 47.637 ng

RT: 16.795 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG060822.D

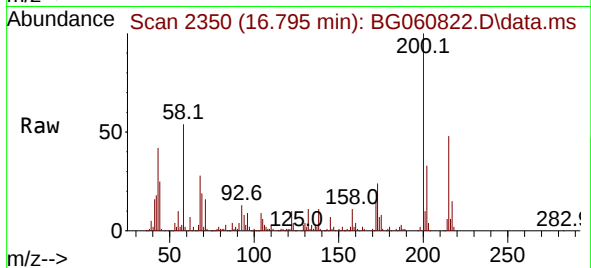
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:	200	Resp:	20876
Ion Ratio	Lower	Upper	
200	100		
173	24.3	5.2	45.2
215	48.4	28.8	68.8

Manual Integrations

APPROVED

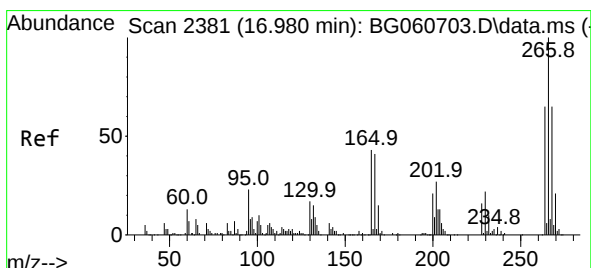
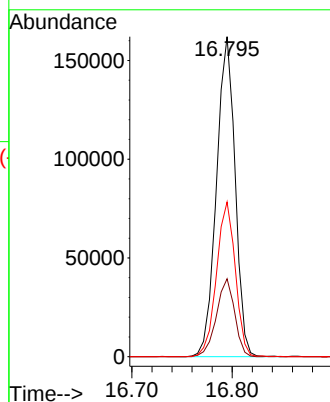
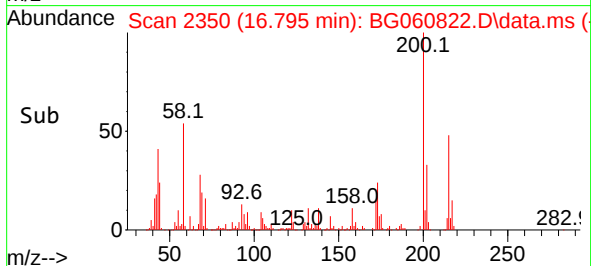
Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024

04/10/2024

Supervised By :mohammad
ahmed

04/10/2024



#70

Pentachlorophenol

Concen: 99.979 ng

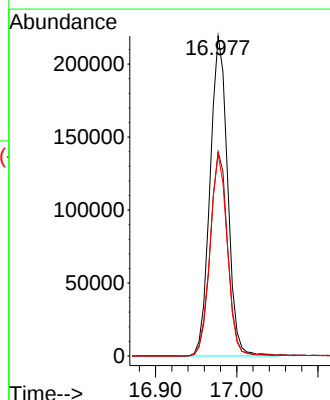
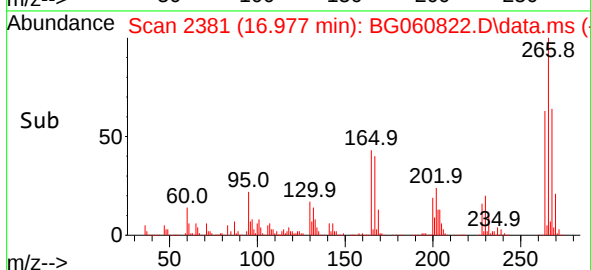
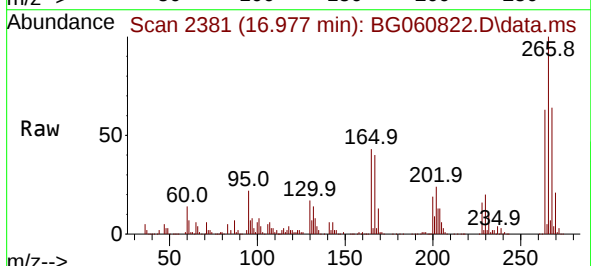
RT: 16.977 min Scan# 2381

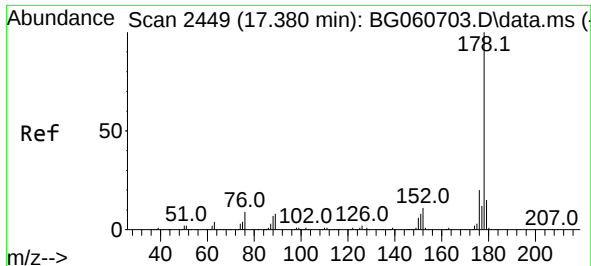
Delta R.T. -0.003 min

Lab File: BG060822.D

Acq: 8 Apr 2024 12:28

Tgt Ion:	266	Resp:	327764
Ion Ratio	Lower	Upper	
266	100		
268	63.8	52.2	78.4
264	63.1	51.8	77.6





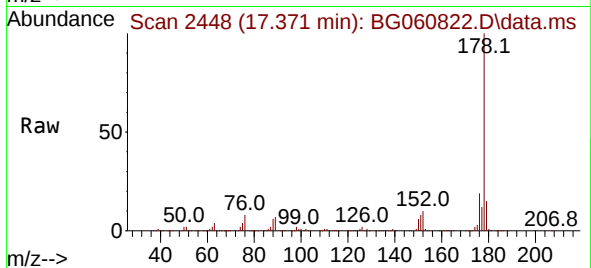
#71
Phenanthrene
Concen: 43.589 ng
RT: 17.371 min Scan# 2448
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:178 Resp: 99416
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.4 12.2 18.4

Manual Integrations

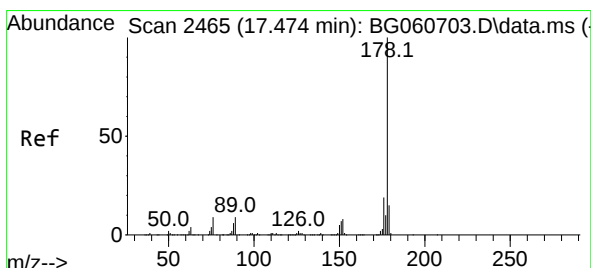
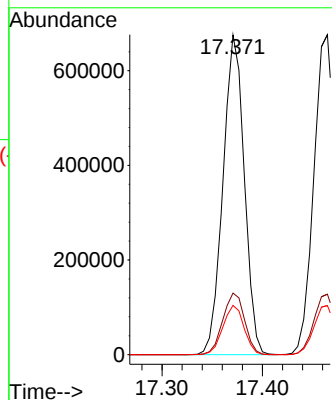
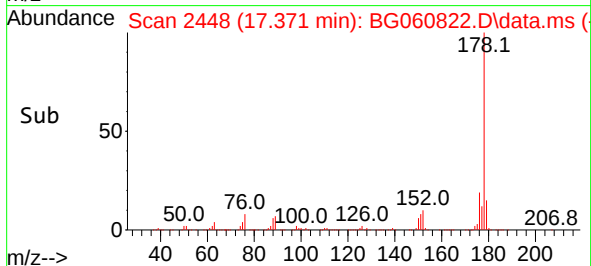
APPROVED

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

04/10/2024

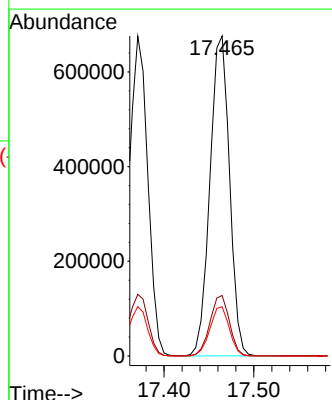
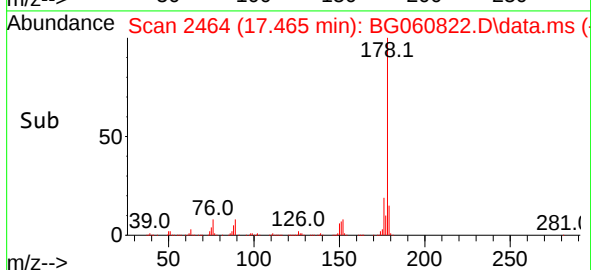
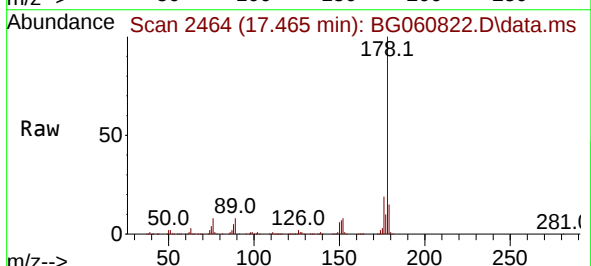
Supervised By :mohammad
ahmed

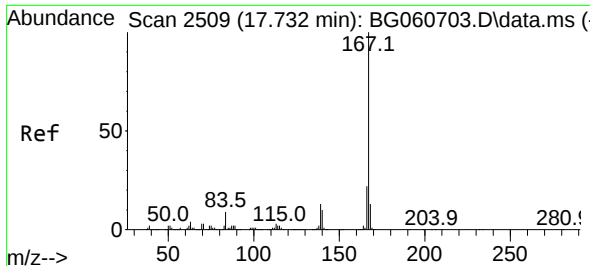
04/10/2024



#72
Anthracene
Concen: 44.140 ng
RT: 17.465 min Scan# 2464
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Tgt Ion:178 Resp: 1022420
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 15.3 12.2 18.2





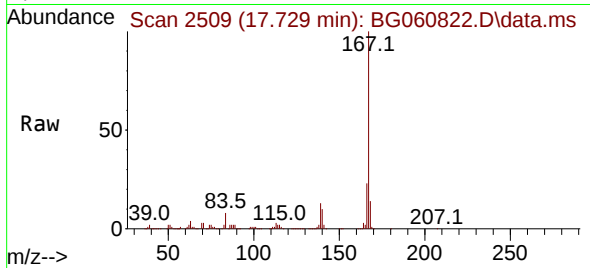
#73
 Carbazole
 Concen: 43.589 ng
 RT: 17.729 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG060822.D
 Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:167 Resp: 890180
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.0 27.0
 139 13.0 10.5 15.7

Manual Integrations

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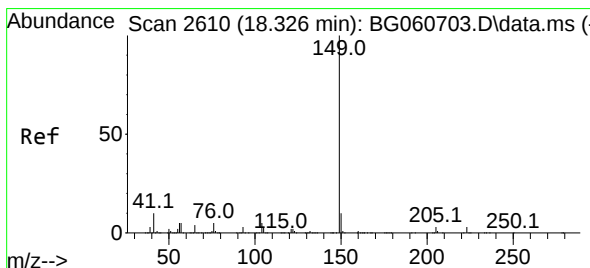
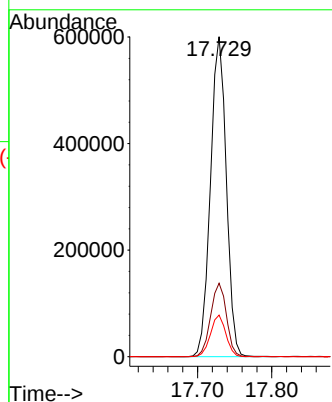
Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024

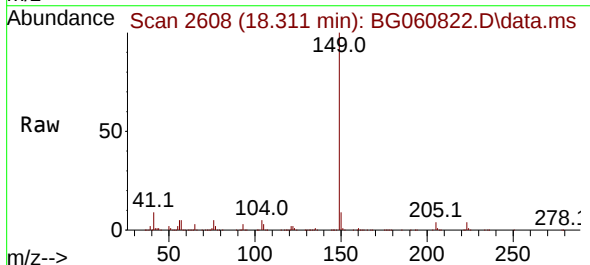
04/10/2024

Supervised By :mohammad
ahmed

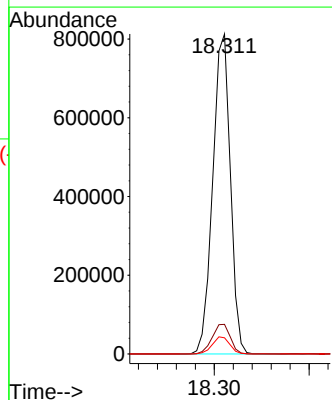
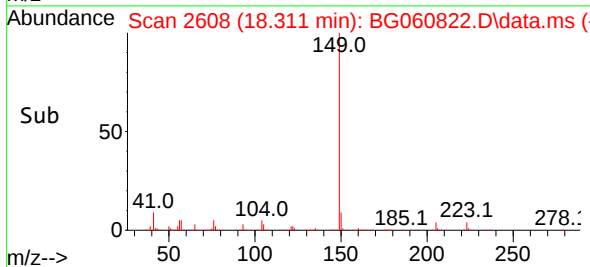
04/10/2024

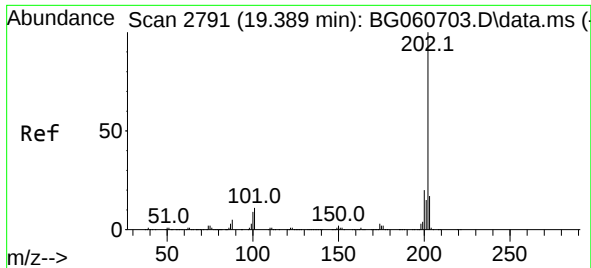


#74
 Di-n-butylphthalate
 Concen: 41.071 ng
 RT: 18.311 min Scan# 2608
 Delta R.T. -0.015 min
 Lab File: BG060822.D
 Acq: 8 Apr 2024 12:28



Tgt Ion:149 Resp: 1045705
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.0 4.2 6.4





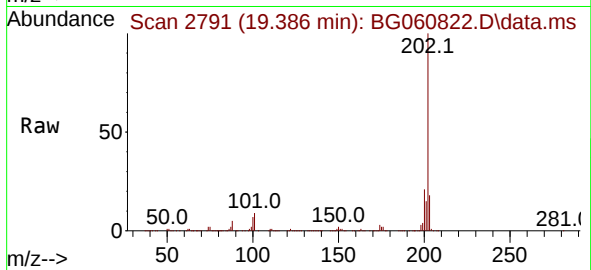
#75
Fluoranthene
Concen: 43.618 ng
RT: 19.386 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:202 Resp: 1207180
Ion Ratio Lower Upper
202 100
101 8.7 0.0 30.8
203 17.8 0.0 37.4

Manual Integrations

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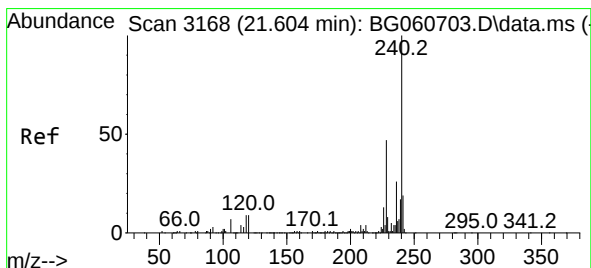
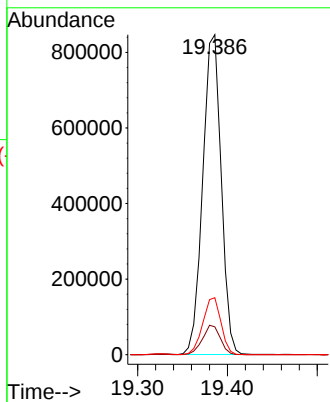
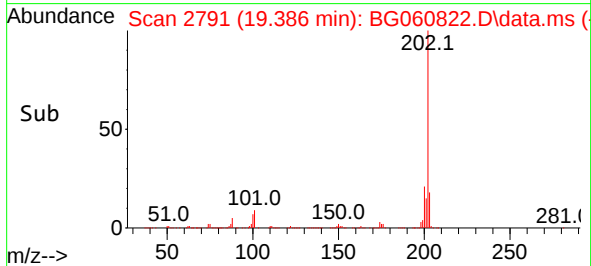
Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024

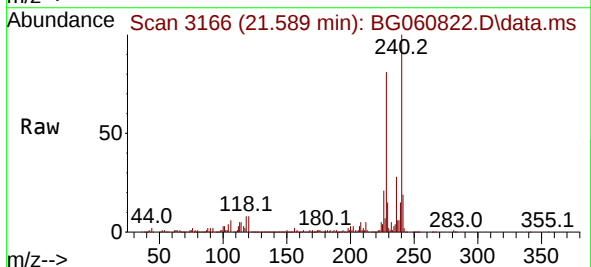
04/10/2024

Supervised By :mohammad
ahmed

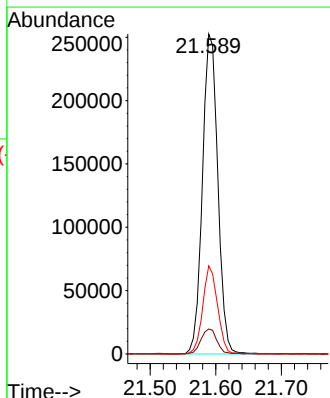
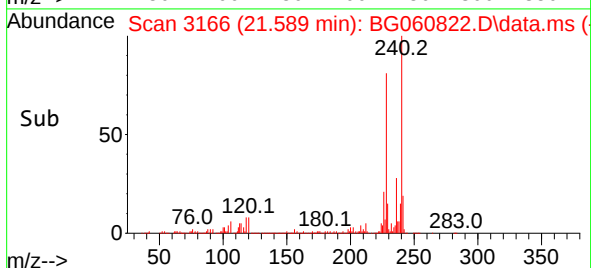
04/10/2024

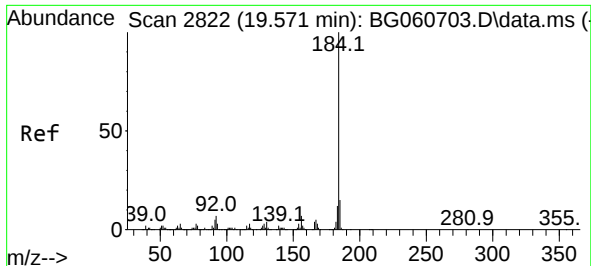


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3166
Delta R.T. -0.015 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28



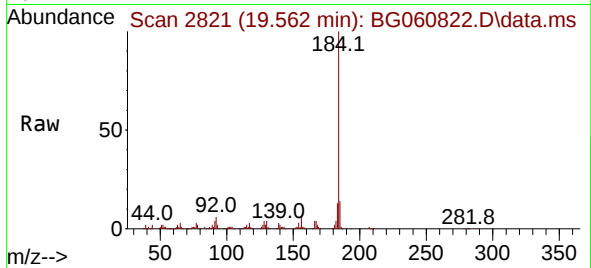
Tgt Ion:240 Resp: 412322
Ion Ratio Lower Upper
240 100
120 7.8 7.1 10.7
236 27.6 20.7 31.1





#77
Benzidine
Concen: 30.976 ng
RT: 19.562 min Scan# 2821
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :
BNA_G
ClientSampleId :
PB160005BS



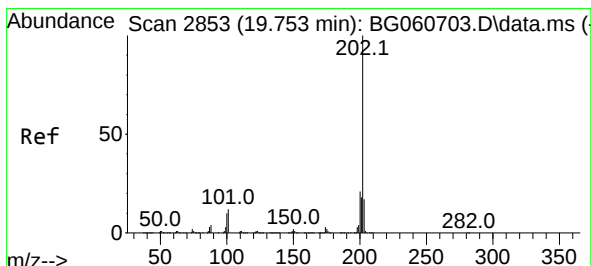
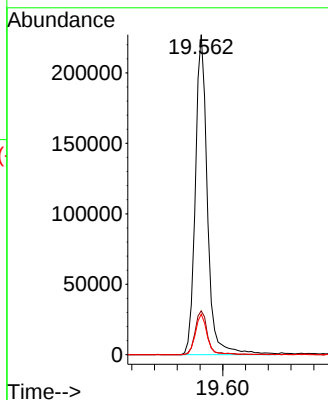
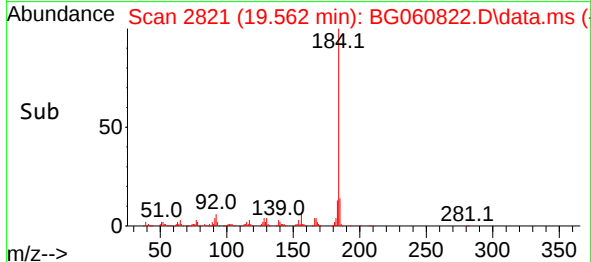
Tgt Ion:184 Resp: 33631
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.6
183 12.6 9.5 14.3

Manual Integrations
APPROVED

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

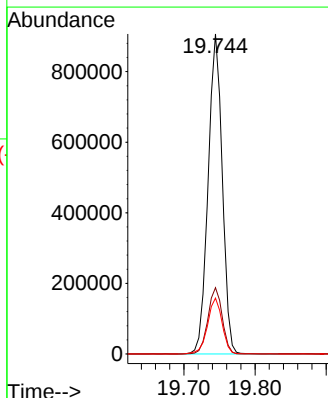
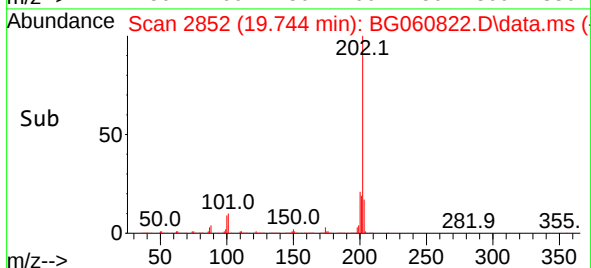
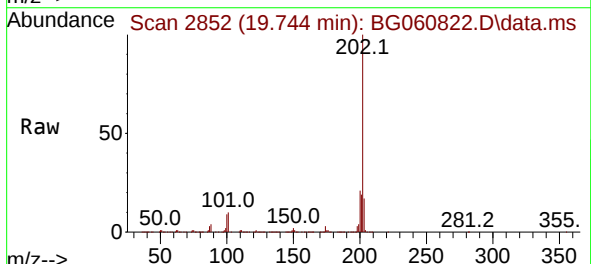
04/10/2024
Supervised By :mohammad
ahmed

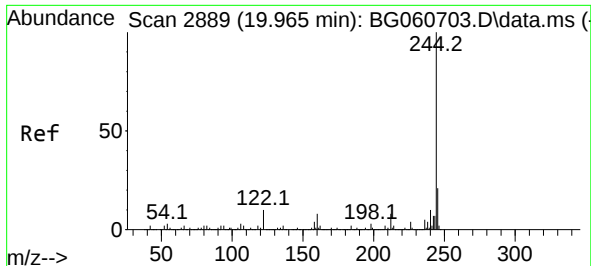
04/10/2024



#78
Pyrene
Concen: 43.525 ng
RT: 19.744 min Scan# 2852
Delta R.T. -0.009 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Tgt Ion:202 Resp: 1255131
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 17.4 14.0 21.0





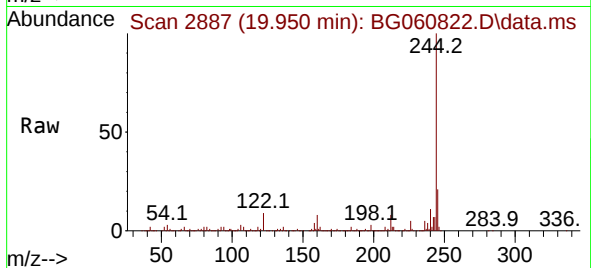
#79
 Terphenyl-d14
 Concen: 81.806 ng
 RT: 19.950 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG060822.D
 Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:244 Resp: 191560
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 9.1 7.8 11.8

Manual Integrations

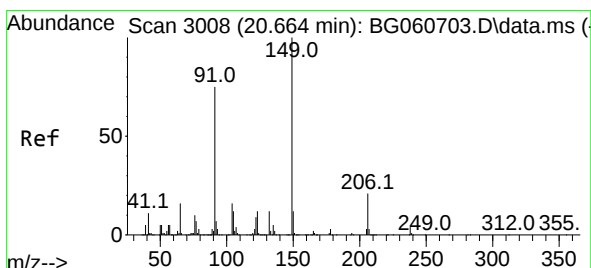
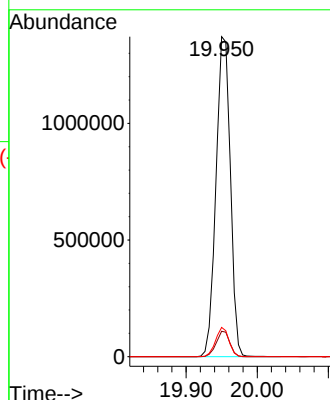
APPROVED

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

04/10/2024

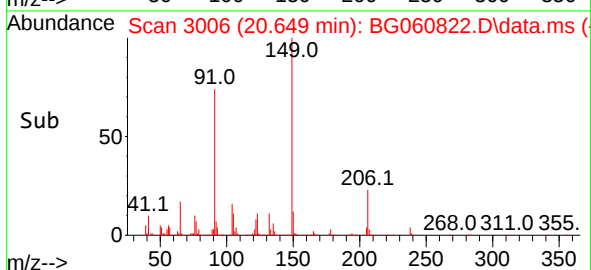
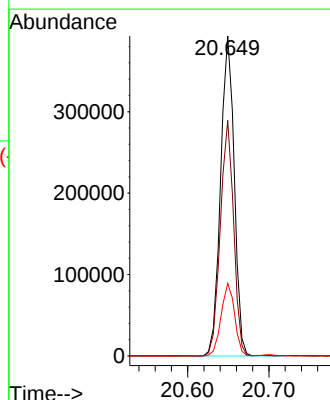
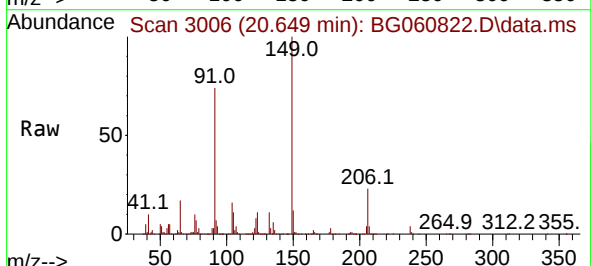
Supervised By :mohammad
 ahmed

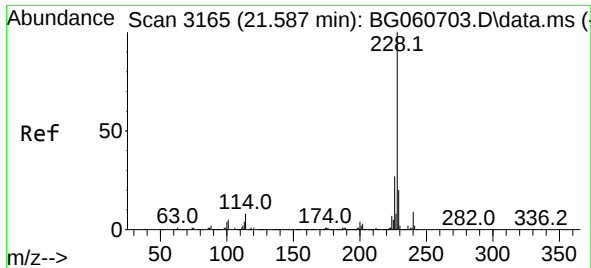
04/10/2024



#80
 Butylbenzylphthalate
 Concen: 43.768 ng
 RT: 20.649 min Scan# 3006
 Delta R.T. -0.015 min
 Lab File: BG060822.D
 Acq: 8 Apr 2024 12:28

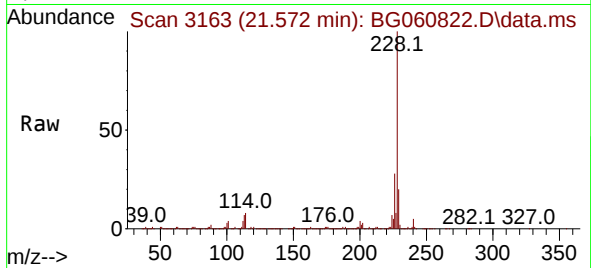
Tgt Ion:149 Resp: 460404
 Ion Ratio Lower Upper
 149 100
 91 73.6 60.1 90.1
 206 22.7 16.8 25.2





#81
Benzo(a)anthracene
Concen: 45.024 ng
RT: 21.572 min Scan# 3163
Delta R.T. -0.015 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :
BNA_G
ClientSampleId :
PB160005BS



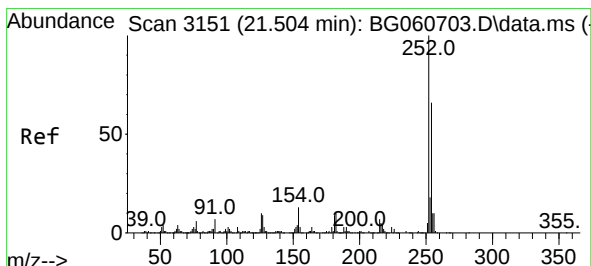
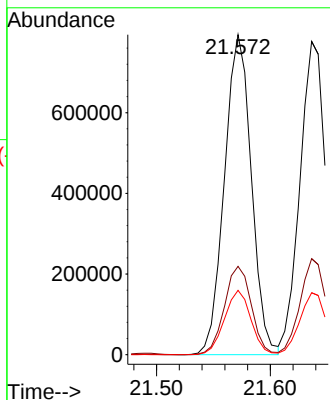
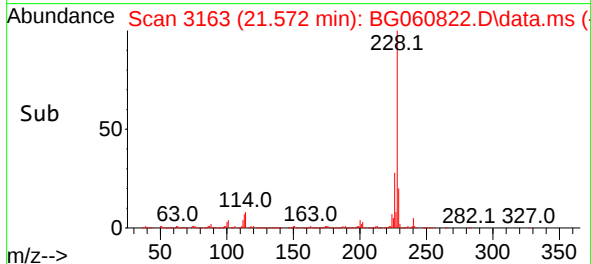
Tgt Ion:228 Resp: 1308594
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.1 15.8 23.8

Manual Integrations
APPROVED

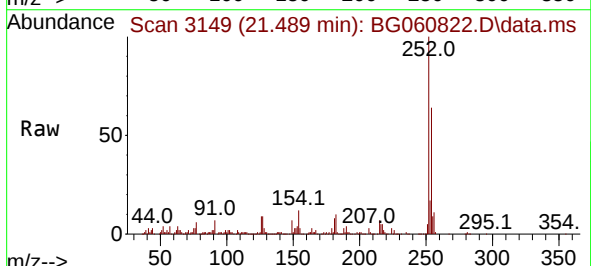
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

04/10/2024
Supervised By :mohammad
ahmed

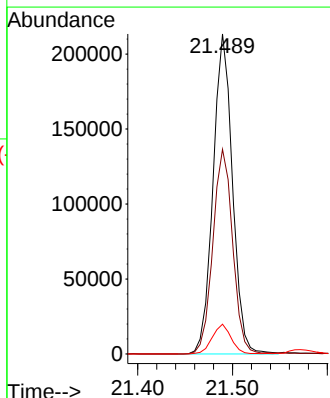
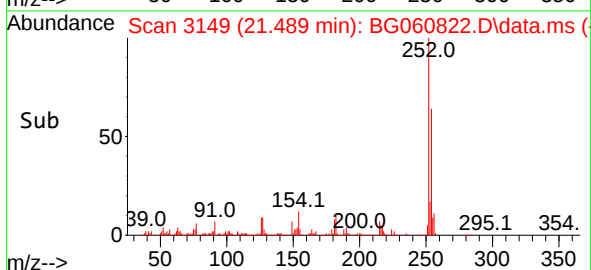
04/10/2024

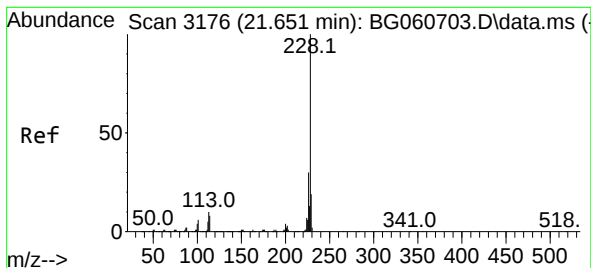


#82
3,3'-Dichlorobenzidine
Concen: 30.963 ng
RT: 21.489 min Scan# 3149
Delta R.T. -0.015 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28



Tgt Ion:252 Resp: 303864
Ion Ratio Lower Upper
252 100
254 64.0 52.6 78.8
126 9.3 7.8 11.8





#83

Chrysene

Concen: 44.091 ng

RT: 21.636 min Scan# 3174

Delta R.T. -0.015 min

Lab File: BG060822.D

Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS

Tgt Ion:228 Resp: 123516

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

229 19.8 15.5 23.3

Manual Integrations

APPROVED

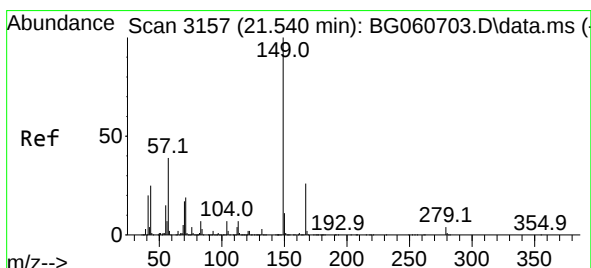
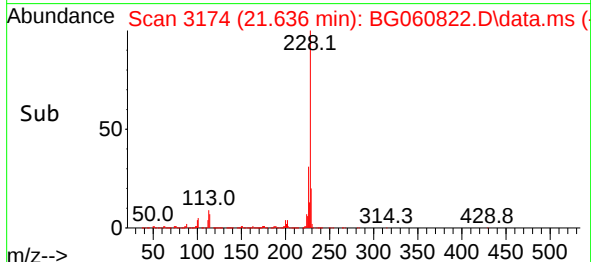
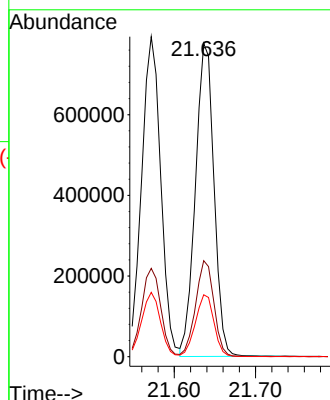
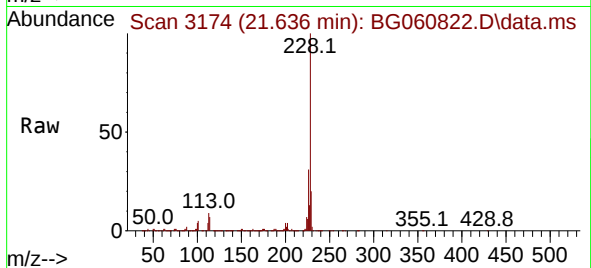
Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024

04/10/2024

Supervised By :mohammad
ahmed

04/10/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.399 ng

RT: 21.513 min Scan# 3153

Delta R.T. -0.027 min

Lab File: BG060822.D

Acq: 8 Apr 2024 12:28

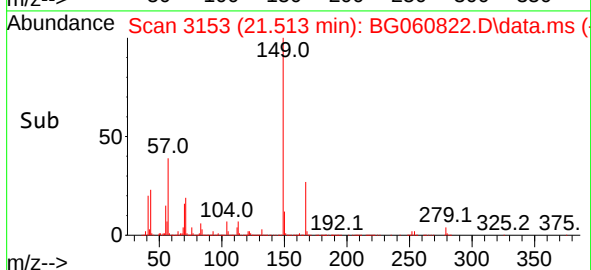
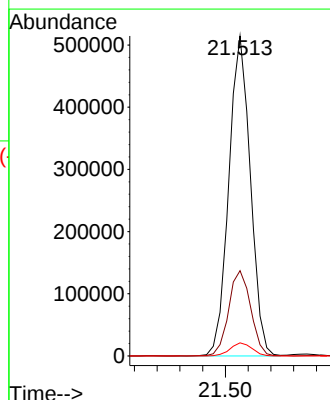
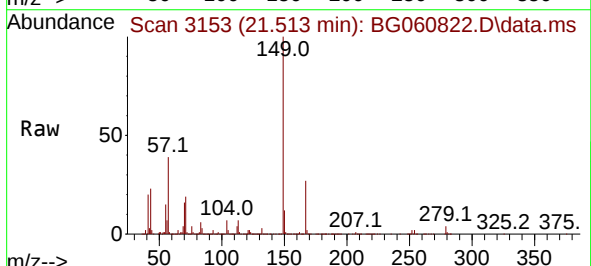
Tgt Ion:149 Resp: 677346

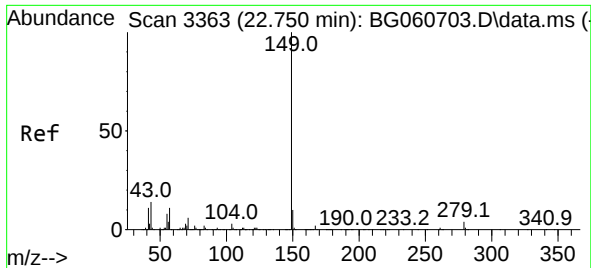
Ion Ratio Lower Upper

149 100

167 26.7 20.6 30.8

279 4.1 3.0 4.4





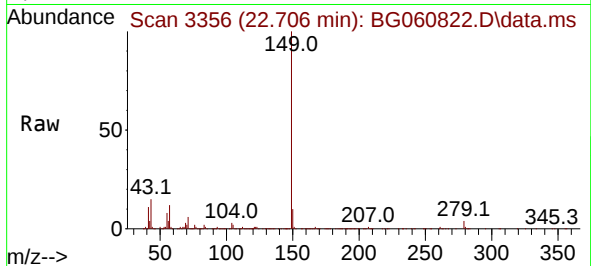
#85
Di-n-octyl phthalate
Concen: 43.427 ng
RT: 22.706 min Scan# 31
Delta R.T. -0.044 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:149 Resp: 1186169
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 14.0 11.3 16.9

Manual Integrations

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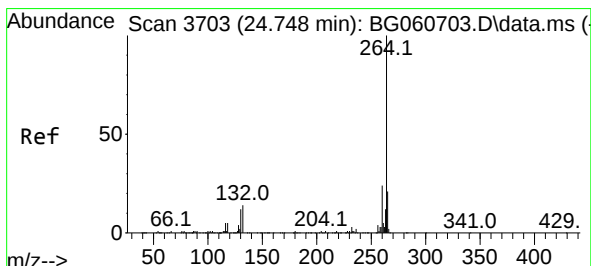
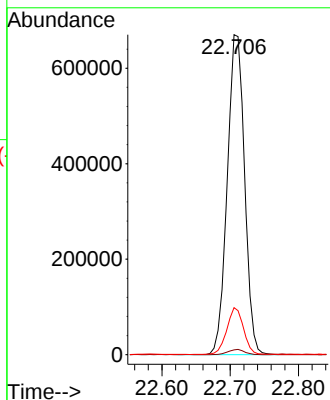
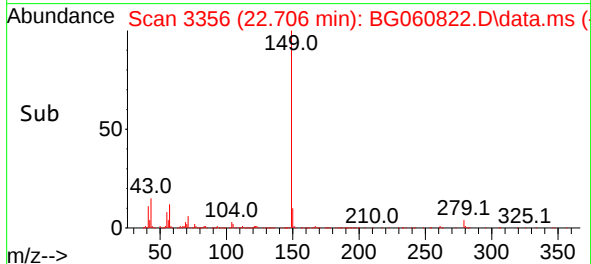
Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024

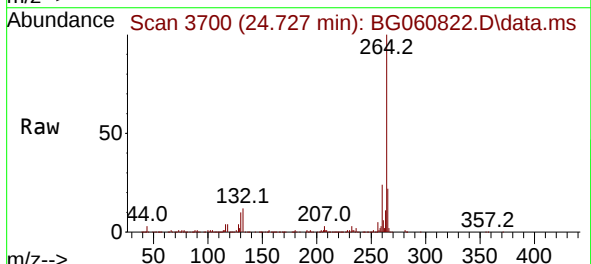
04/10/2024

Supervised By :mohammad
ahmed

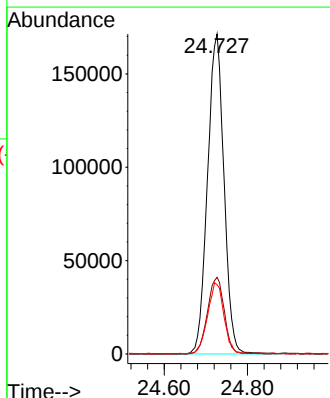
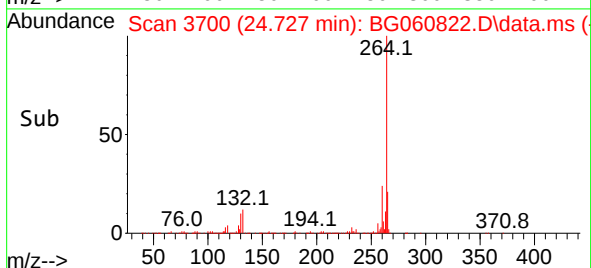
04/10/2024

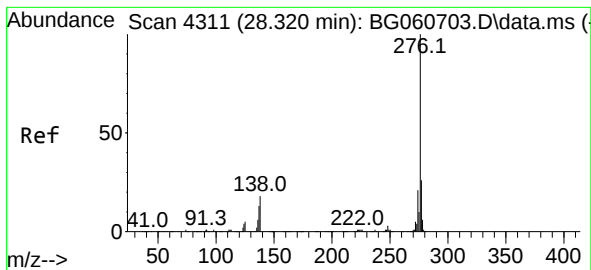


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.727 min Scan# 3700
Delta R.T. -0.021 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28



Tgt Ion:264 Resp: 470049
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 21.6 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.789 ng

RT: 28.287 min Scan# 41

Delta R.T. -0.033 min

Lab File: BG060822.D

Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS

Tgt Ion:276 Resp: 158184

Ion Ratio Lower Upper

276 100

138 12.3 12.4 18.6

277 25.5 20.2 30.2

Manual Integrations

APPROVED

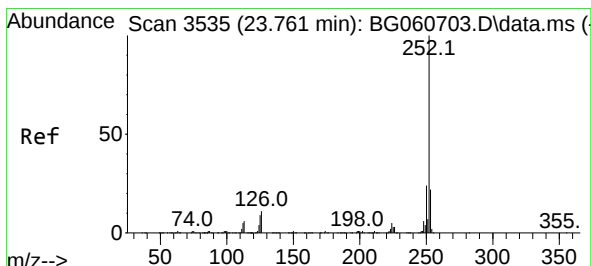
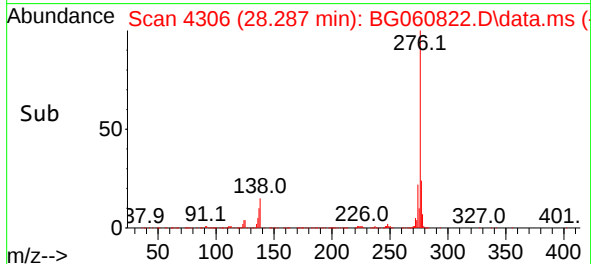
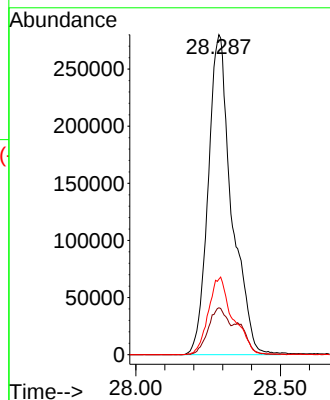
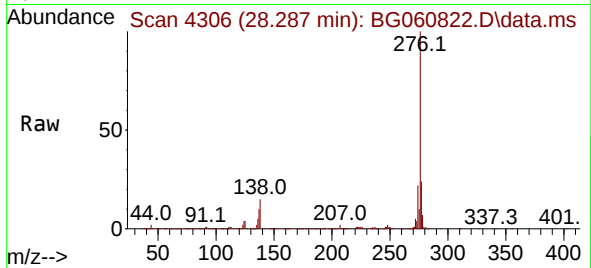
Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024

04/10/2024

Supervised By :mohammad
ahmed

04/10/2024



#88

Benzo(b)fluoranthene

Concen: 47.418 ng

RT: 23.740 min Scan# 3532

Delta R.T. -0.021 min

Lab File: BG060822.D

Acq: 8 Apr 2024 12:28

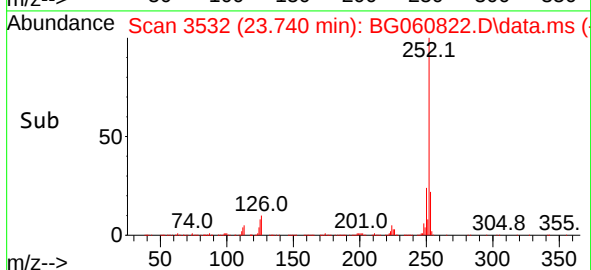
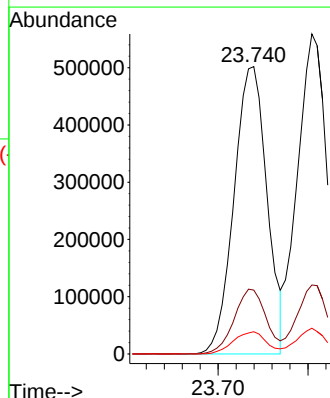
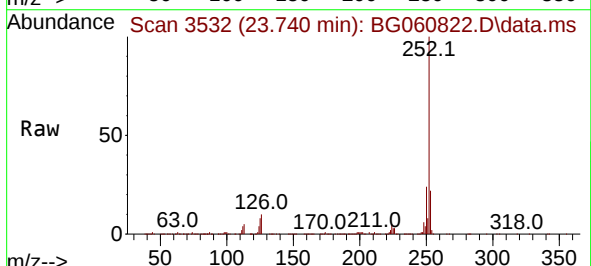
Tgt Ion:252 Resp: 1280478

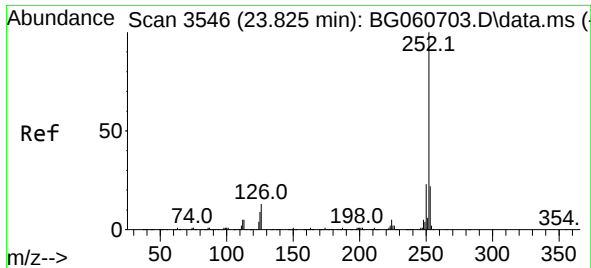
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 7.7 7.1 10.7





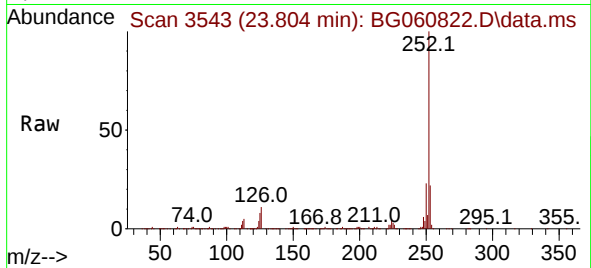
#89
Benzo(k)fluoranthene
Concen: 46.666 ng
RT: 23.804 min Scan# 3546
Delta R.T. -0.021 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160005BS



Tgt Ion:252 Resp: 1289840
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 8.1 7.5 11.3

Manual Integrations

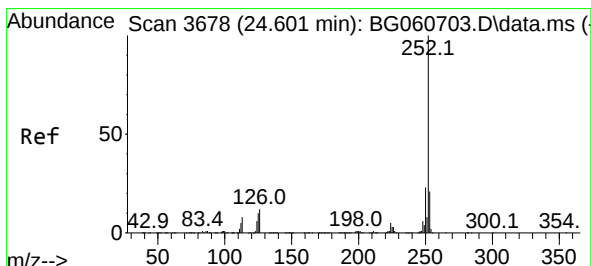
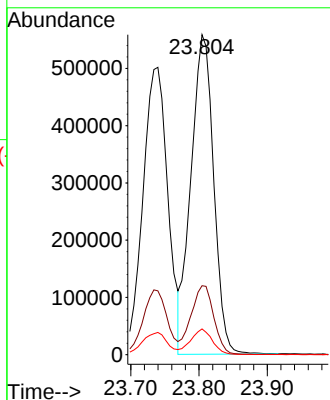
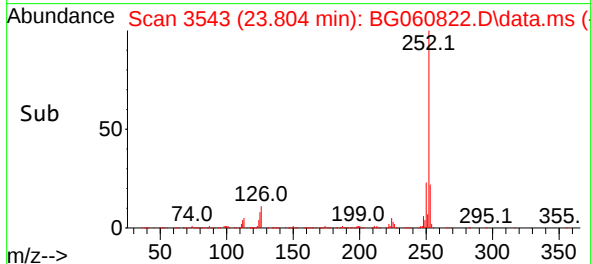
APPROVED

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

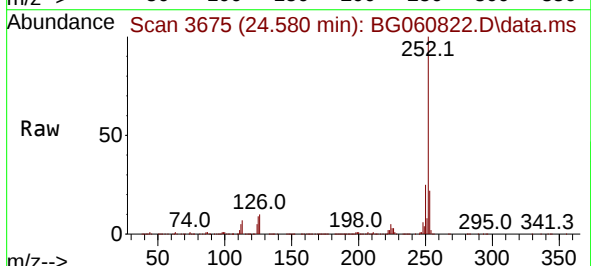
04/10/2024

Supervised By :mohammad
ahmed

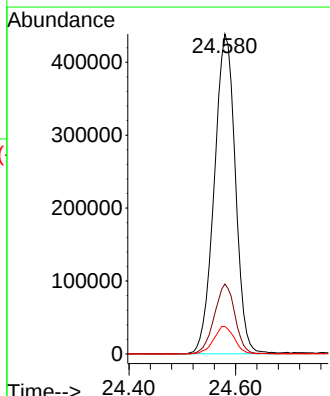
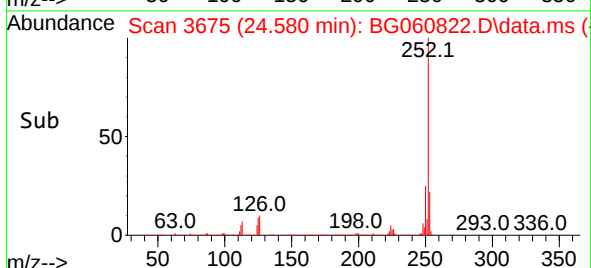
04/10/2024

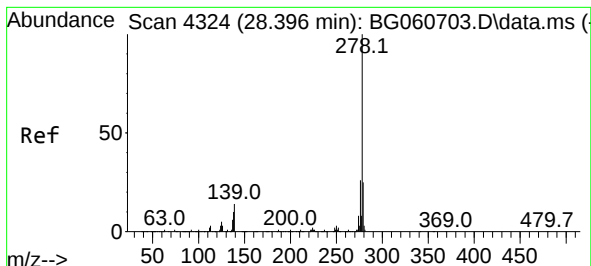


#90
Benzo(a)pyrene
Concen: 45.832 ng
RT: 24.580 min Scan# 3675
Delta R.T. -0.021 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28



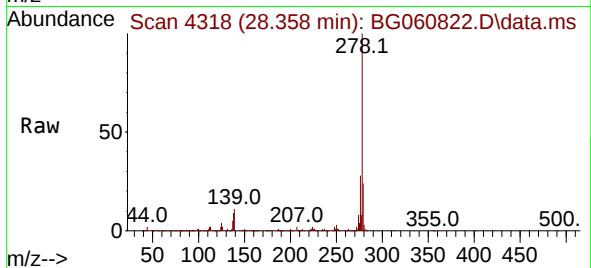
Tgt Ion:252 Resp: 1202755
Ion Ratio Lower Upper
252 100
253 21.9 16.8 25.2
125 8.6 7.6 11.4





#91
Dibenzo(a,h)anthracene
Concen: 46.262 ng
RT: 28.358 min Scan# 41
Delta R.T. -0.039 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28

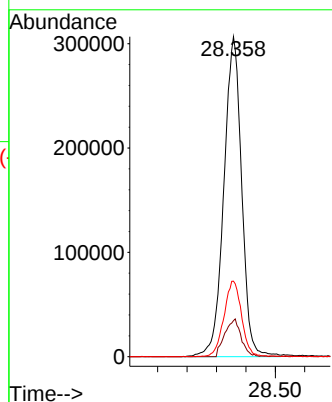
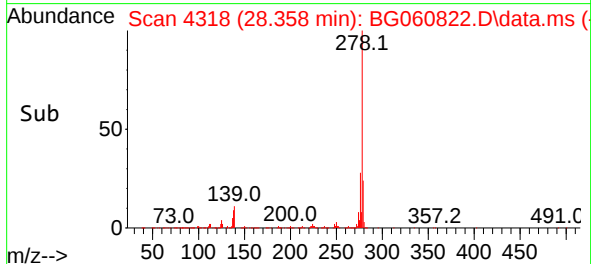
Instrument :
BNA_G
ClientSampleId :
PB160005BS



Tgt Ion:278 Resp: 129087
Ion Ratio Lower Upper
278 100
139 11.2 11.1 16.7
279 23.6 19.8 29.6

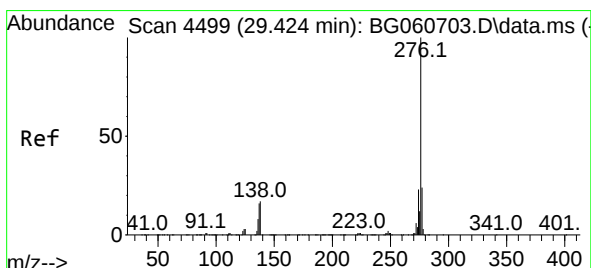
Manual Integrations
APPROVED

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

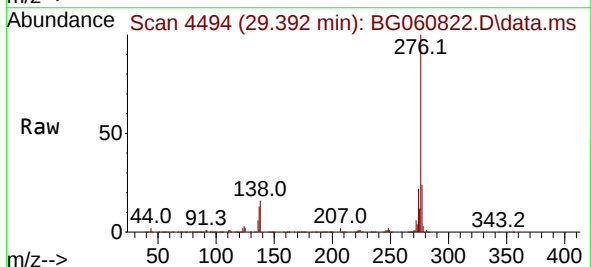


04/10/2024
Supervised By :mohammad
ahmed

04/10/2024



#92
Benzo(g,h,i)perylene
Concen: 44.608 ng
RT: 29.392 min Scan# 4494
Delta R.T. -0.033 min
Lab File: BG060822.D
Acq: 8 Apr 2024 12:28



Tgt Ion:276 Resp: 1210805
Ion Ratio Lower Upper
276 100
277 24.4 18.9 28.3
138 16.4 14.0 21.0

