

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060018.D
 Acq On : 14 Dec 2023 19:03
 Operator : MA/JU
 Sample : 05718-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-LIQUID-20231206MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/16/2023
 Supervised By :mohammad ahmed 12/16/2023

Quant Time: Dec 15 02:36:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	103341	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	386806	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	275603	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	709915	20.000	ng	0.00
76) Chrysene-d12	21.613	240	820689	20.000	ng	# 0.00
86) Perylene-d12	24.797	264	979232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	659999	109.329	ng	0.00
7) Phenol-d6	7.118	99	940066	110.704	ng	0.00
23) Nitrobenzene-d5	9.122	82	626743	73.575	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	553881	86.236	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1859851	82.592	ng	0.00
79) Terphenyl-d14	19.962	244	3618836	80.505	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	85669	29.990	ng	89
3) Pyridine	3.822	79	195419	24.427	ng	91
4) n-Nitrosodimethylamine	3.745	42	144072	36.613	ng	# 83
6) Aniline	7.277	93	324161	37.479	ng	97
8) 2-Chlorophenol	7.518	128	248709	43.476	ng	96
9) Benzaldehyde	7.095	77	126688m	24.536	ng	
10) Phenol	7.142	94	352812	41.359	ng	99
11) bis(2-Chloroethyl)ether	7.377	93	249858	40.914	ng	90
12) 1,3-Dichlorobenzene	7.847	146	293685	38.391	ng	94
13) 1,4-Dichlorobenzene	7.988	146	300214	37.714	ng	96
14) 1,2-Dichlorobenzene	8.311	146	302727	39.527	ng	97
15) Benzyl Alcohol	8.193	79	313932	45.998	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.487	45	493884	45.194	ng	98
17) 2-Methylphenol	8.393	107	248760	43.739	ng	96
18) Hexachloroethane	9.039	117	79905	33.136	ng	88
19) n-Nitroso-di-n-propyla...	8.763	70	234116	42.733	ng	# 92
20) 3+4-Methylphenols	8.722	107	334123	42.060	ng	98
22) Acetophenone	8.781	105	467947	41.514	ng	95
24) Nitrobenzene	9.163	77	329848	38.141	ng	92
25) Isophorone	9.680	82	601027	36.865	ng	# 96
26) 2-Nitrophenol	9.874	139	120073	37.752	ng	94
27) 2,4-Dimethylphenol	9.926	122	180266	41.348	ng	95
28) bis(2-Chloroethoxy)met...	10.167	93	318647	37.855	ng	99
29) 2,4-Dichlorophenol	10.402	162	317255	40.517	ng	93
30) 1,2,4-Trichlorobenzene	10.620	180	375555	35.434	ng	95
31) Naphthalene	10.814	128	814056	40.427	ng	99
33) 4-Chloroaniline	10.914	127	274703	35.853	ng	97
34) Hexachlorobutadiene	11.096	225	371007	38.245	ng	92
35) Caprolactam	11.683	113	66223	33.293	ng	89
36) 4-Chloro-3-methylphenol	12.036	107	265743	37.316	ng	96
37) 2-Methylnaphthalene	12.418	142	567439	35.929	ng	97
38) 1-Methylnaphthalene	12.641	142	553125	35.455	ng	98
40) 1,2,4,5-Tetrachloroben...	12.788	216	655087	45.593	ng	99
41) Hexachlorocyclopentadiene	12.770	237	486782	81.999	ng	92
43) 2,4,6-Trichlorophenol	13.023	196	328224	40.743	ng	97
44) 2,4,5-Trichlorophenol	13.093	196	363753	41.512	ng	99

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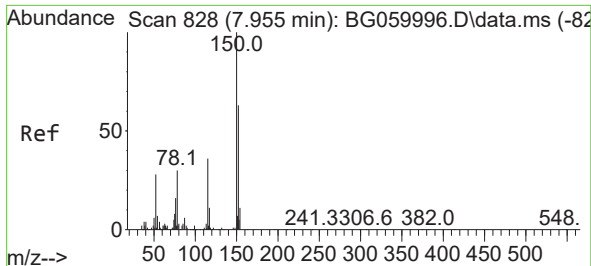
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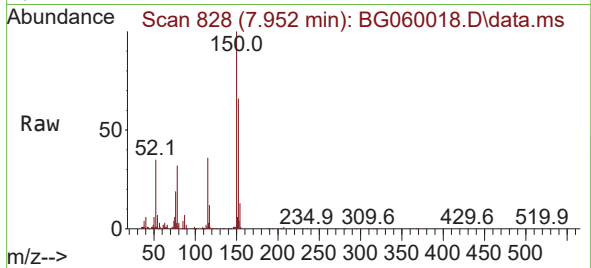
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.428	154	914459	44.741	ng	100
47) 2-Chloronaphthalene	13.469	162	737093	41.642	ng	96
48) 2-Nitroaniline	13.669	65	188018	49.206	ng	90
49) Acenaphthylene	14.315	152	1122716	46.369	ng	99
50) Dimethylphthalate	14.051	163	921536	43.077	ng	99
51) 2,6-Dinitrotoluene	14.169	165	194294	43.844	ng	98
52) Acenaphthene	14.656	154	629548	37.772	ng	95
53) 3-Nitroaniline	14.498	138	140027	39.543	ng	99
55) Dibenzofuran	14.991	168	1164205	42.915	ng	98
56) 4-Nitrophenol	14.791	139	99522	33.440	ng	96
57) 2,4-Dinitrotoluene	14.950	165	252724	40.569	ng	98
58) Fluorene	15.643	166	961762	42.043	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.214	232	202080m	22.155	ng	
60) Diethylphthalate	15.414	149	800510	40.669	ng	98
61) 4-Chlorophenyl-phenyle...	15.637	204	700989	42.549	ng	100
62) 4-Nitroaniline	15.661	138	142634	36.990	ng	98
63) Azobenzene	15.931	77	810811	41.780	ng	96
66) n-Nitrosodiphenylamine	15.849	169	854885	49.293	ng	98
67) 4-Bromophenyl-phenylether	16.531	248	469184	46.842	ng	95
68) Hexachlorobenzene	16.642	284	530714	45.324	ng	97
70) Pentachlorophenol	16.983	266	53309	7.028	ng	90
71) Phenanthrene	17.382	178	1555566	45.238	ng	100
72) Anthracene	17.476	178	1575932	45.582	ng	99
73) Carbazole	17.741	167	1176823	40.056	ng	98
74) Di-n-butylphthalate	18.311	149	1080531	40.316	ng	98
75) Fluoranthene	19.398	202	1976533	39.390	ng	97
77) Benzidine	19.580	184	995693	94.454	ng	99
78) Pyrene	19.762	202	2017243	40.548	ng	99
80) Butylbenzylphthalate	20.655	149	427268	47.820	ng	96
81) Benzo(a)anthracene	21.595	228	2458976	44.605	ng	100
82) 3,3'-Dichlorobenzidine	21.513	252	808426	44.565	ng	98
83) Chrysene	21.660	228	2230451	42.706	ng	99
84) Bis(2-ethylhexyl)phtha...	21.513	149	641153	47.343	ng	99
85) Di-n-octyl phthalate	22.717	149	1131104	48.285	ng	100
87) Indeno(1,2,3-cd)pyrene	28.434	276	3076421	44.021	ng	100
88) Benzo(b)fluoranthene	23.787	252	2504786	41.417	ng	99
89) Benzo(k)fluoranthene	23.857	252	2433063	41.476	ng	99
90) Benzo(a)pyrene	24.650	252	2220191	41.436	ng	98
91) Dibenzo(a,h)anthracene	28.505	278	2619871	44.831	ng	# 97
92) Benzo(g,h,i)perylene	29.580	276	2420786	41.645	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

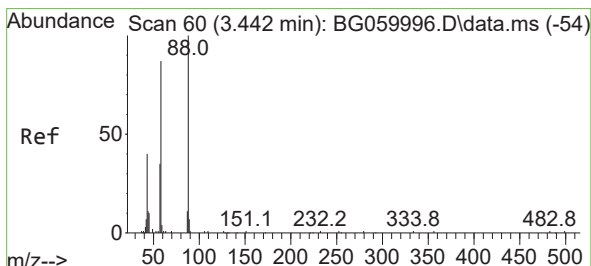
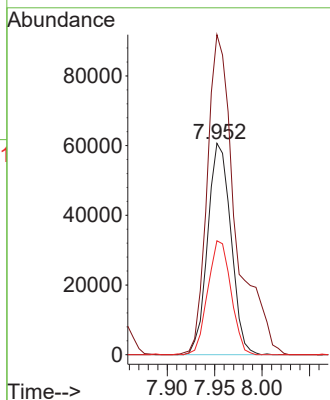
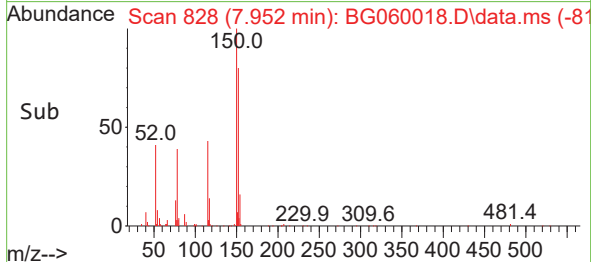
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD



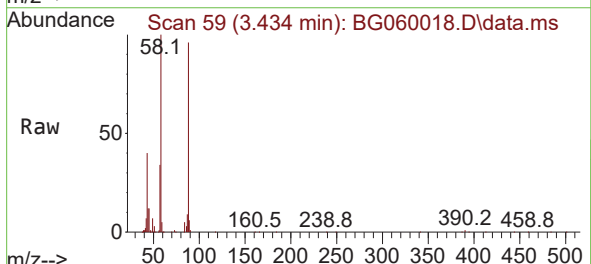
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Ion Ratio Lower Upper
152 100
150 151.4 127.0 190.6
115 53.9 45.7 68.5

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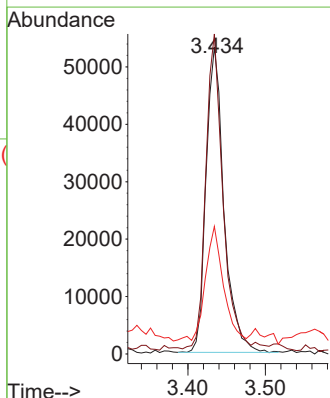
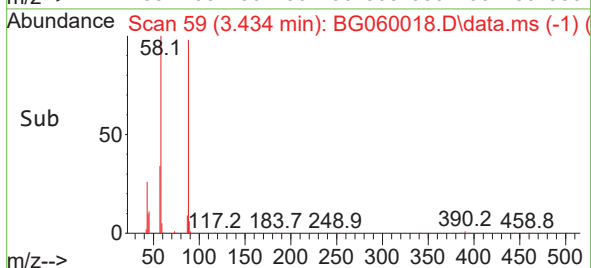
Reviewed By :Yogesh Patel 12/16/2023
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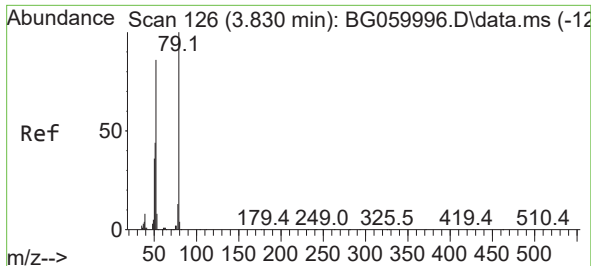


#2
1,4-Dioxane
Concen: 29.990 ng
RT: 3.434 min Scan# 59
Delta R.T. -0.008 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03



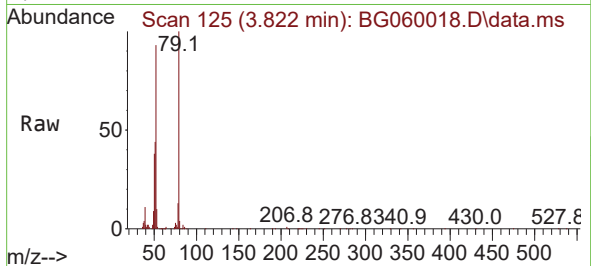
Tgt Ion: 88 Resp: 85669
Ion Ratio Lower Upper
88 100
58 98.8 68.5 102.7
43 37.6 28.8 43.2





#3
Pyridine
Concen: 24.427 ng
RT: 3.822 min Scan# 112
Delta R.T. -0.008 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

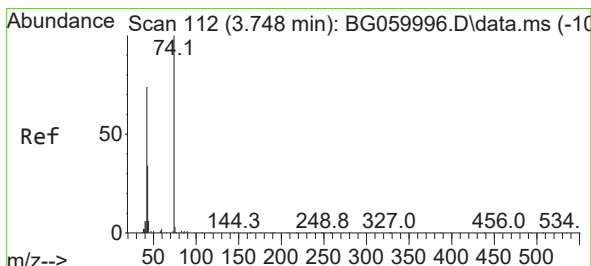
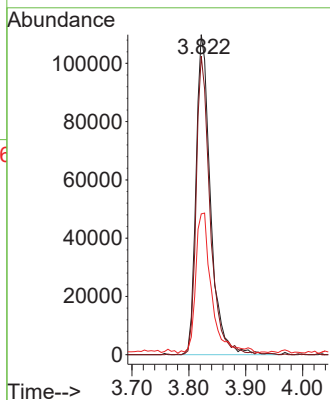
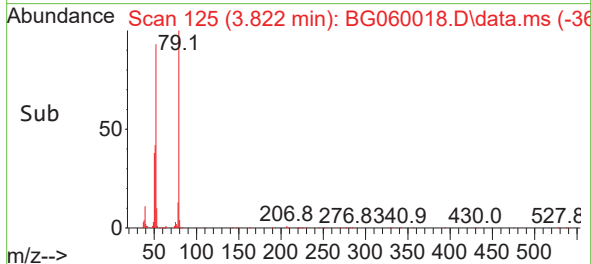
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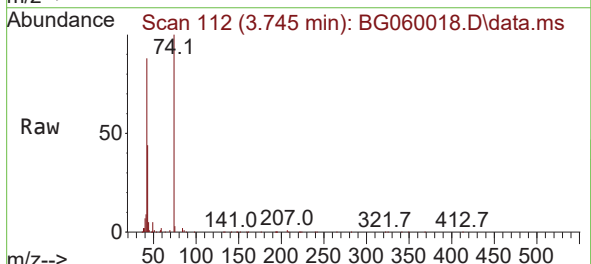
Tgt Ion: 79 Resp: 195419
Ion Ratio Lower Upper
79 100
52 93.3 68.7 103.1
51 44.0 41.1 61.7

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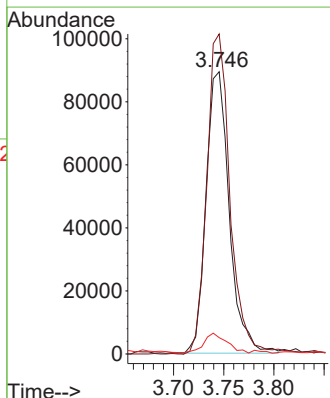
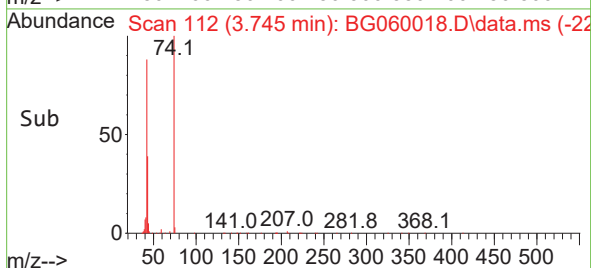
Reviewed By :Yogesh Patel 12/16/2023
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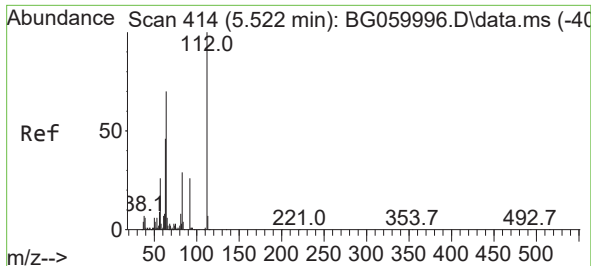


#4
n-Nitrosodimethylamine
Concen: 36.613 ng
RT: 3.745 min Scan# 112
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03



Tgt Ion: 42 Resp: 144072
Ion Ratio Lower Upper
42 100
74 113.4 107.4 161.2
44 5.8 6.0 9.0#





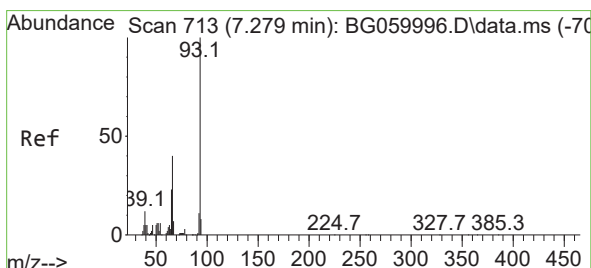
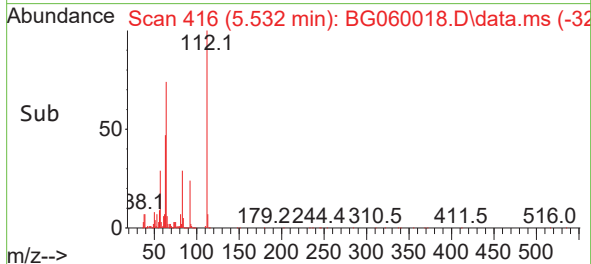
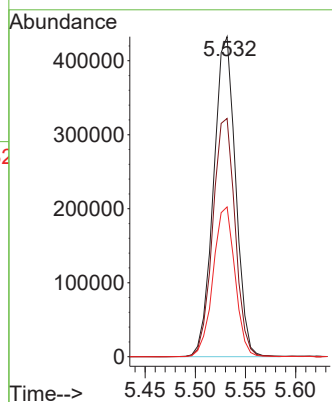
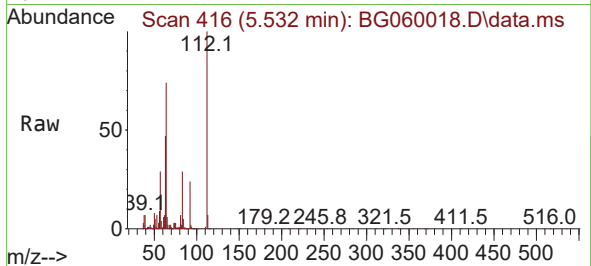
#5
2-Fluorophenol
Concen: 109.329 ng
RT: 5.532 min Scan# 414
Delta R.T. 0.010 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD

Tgt Ion:112 Resp: 659999
Ion Ratio Lower Upper
112 100
64 74.5 55.9 83.9
63 46.8 36.5 54.7

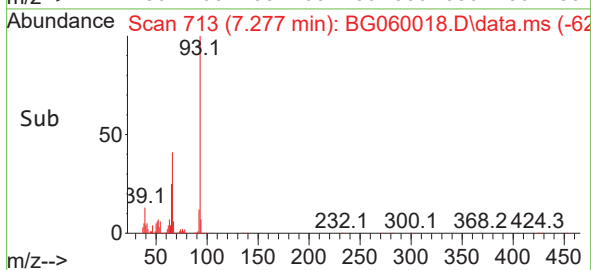
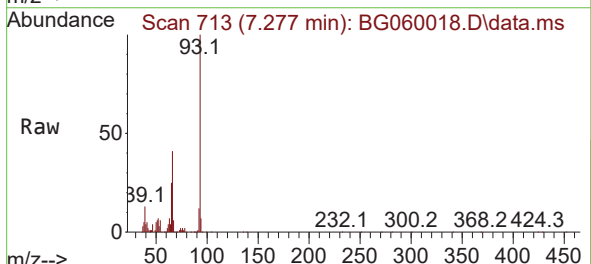
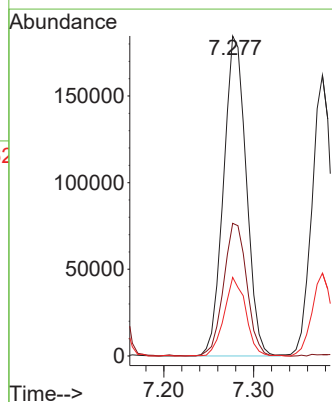
Manual Integrations
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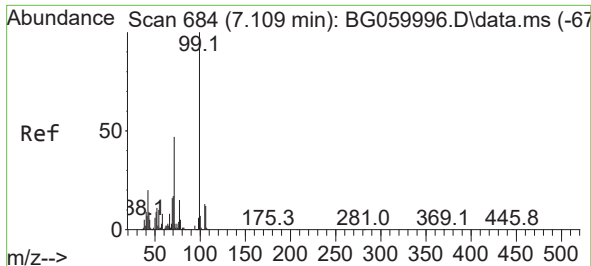
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#6
Aniline
Concen: 37.479 ng
RT: 7.277 min Scan# 713
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

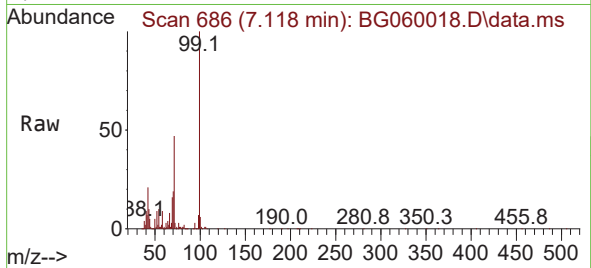
Tgt Ion: 93 Resp: 324161
Ion Ratio Lower Upper
93 100
66 41.5 31.8 47.8
65 24.5 18.6 28.0





#7
Phenol-d6
Concen: 110.704 ng
RT: 7.118 min Scan# 686
Delta R.T. 0.009 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

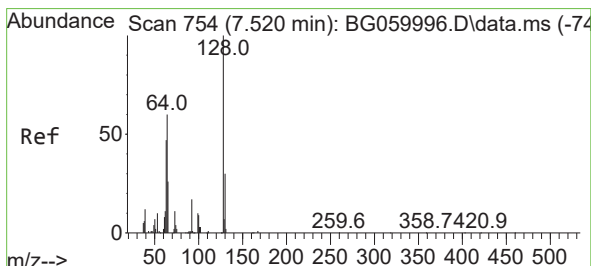
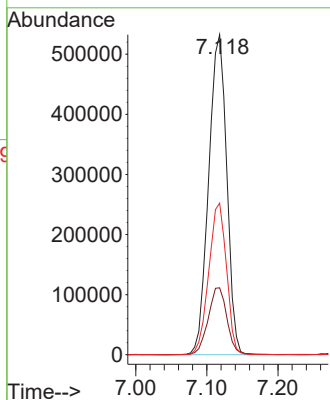
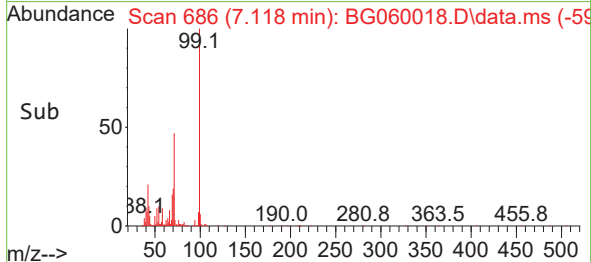
Instrument :
BNA_G
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Tgt Ion: 99 Resp: 940060
Ion Ratio Lower Upper
99 100
42 20.9 16.2 24.4
71 47.4 37.6 56.4

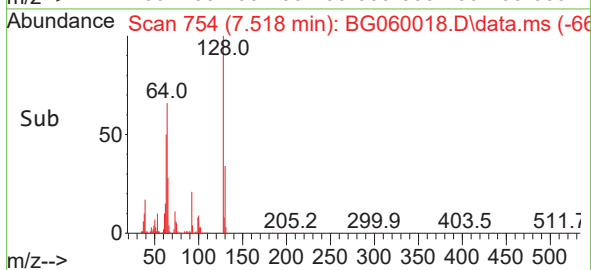
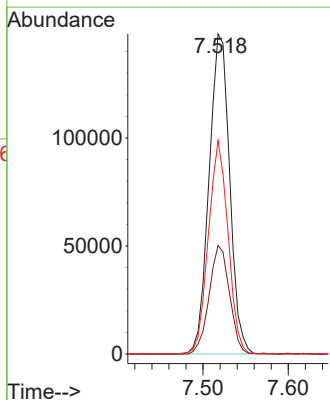
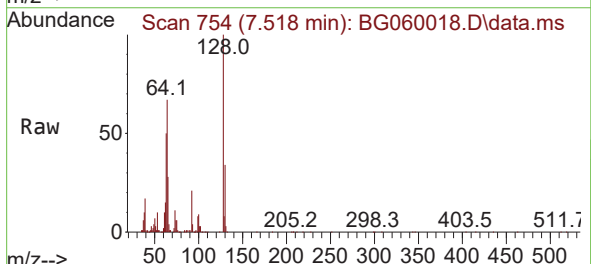
Manual Integrations
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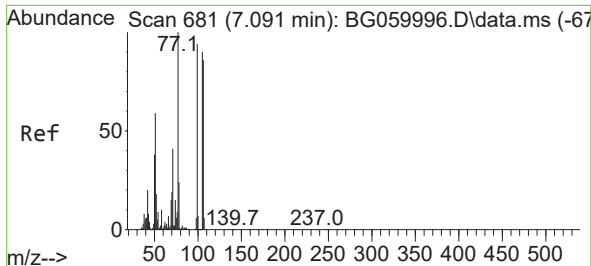
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#8
2-Chlorophenol
Concen: 43.476 ng
RT: 7.518 min Scan# 754
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

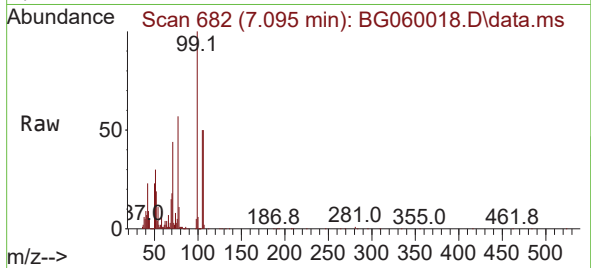
Tgt Ion:128 Resp: 248709
Ion Ratio Lower Upper
128 100
130 33.9 10.3 50.3
64 66.7 44.2 84.2





#9
Benzaldehyde
Concen: 24.536 ng m
RT: 7.095 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

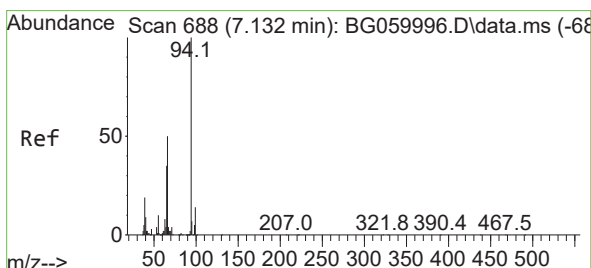
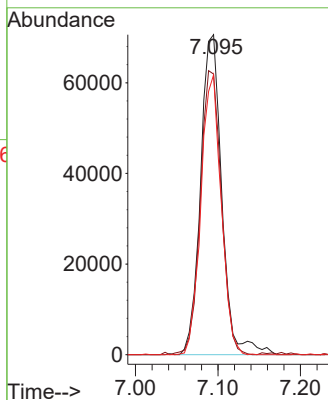
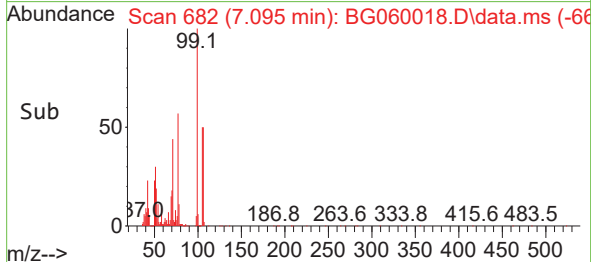
Instrument :
BNA_G
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Tgt Ion: 77 Resp: 12668
Ion Ratio Lower Upper
77 100
105 87.7 70.5 110.5
106 87.4 66.0 106.0

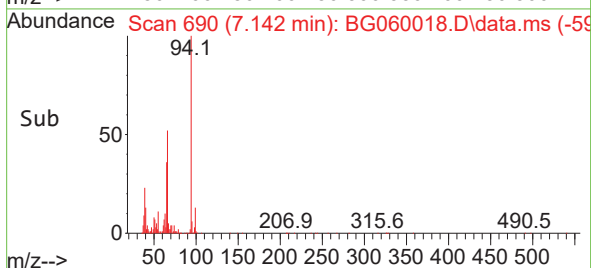
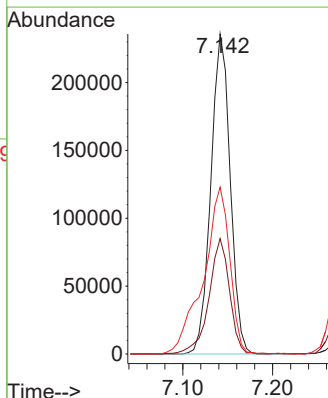
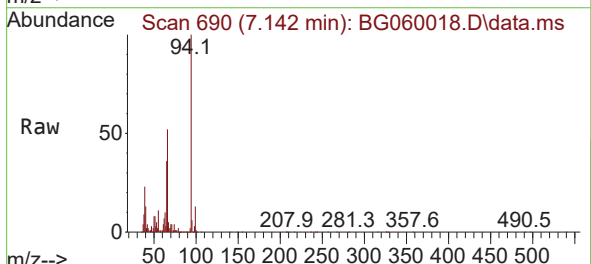
Manual Integrations
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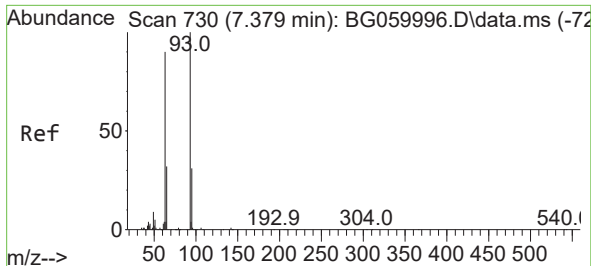
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#10
Phenol
Concen: 41.359 ng
RT: 7.142 min Scan# 690
Delta R.T. 0.009 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

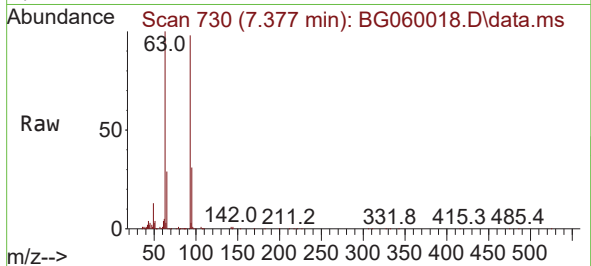
Tgt Ion: 94 Resp: 352812
Ion Ratio Lower Upper
94 100
65 36.0 15.5 55.5
66 52.1 31.6 71.6





#11
bis(2-Chloroethyl)ether
Concen: 40.914 ng
RT: 7.377 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

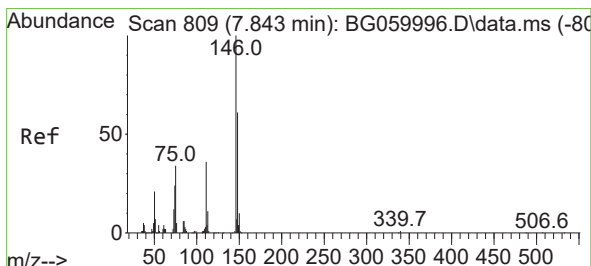
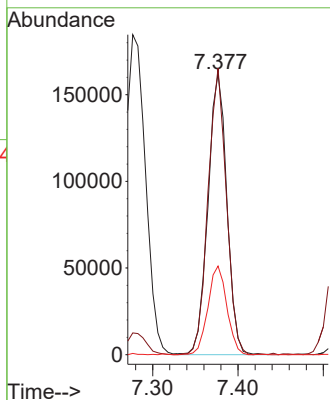
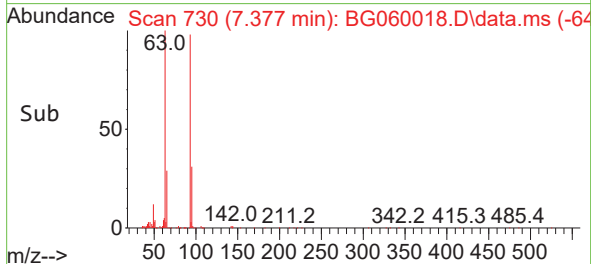
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD



Tgt Ion: 93 Resp: 24985
Ion Ratio Lower Upper
93 100
63 102.0 69.8 109.8
95 31.6 10.7 50.7

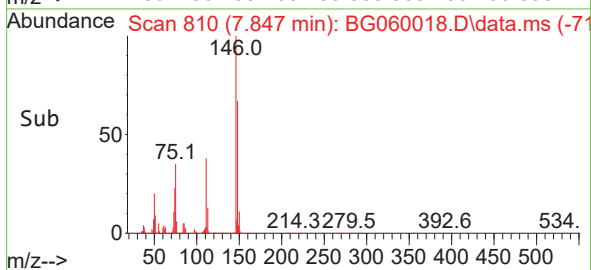
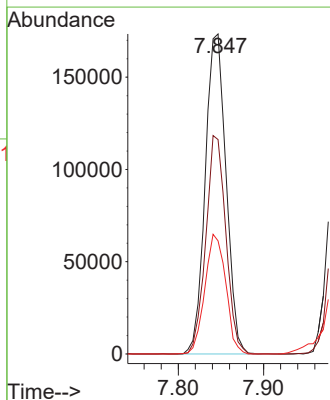
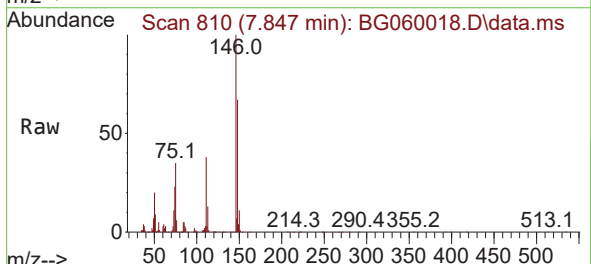
Manual Integrations
APPROVED

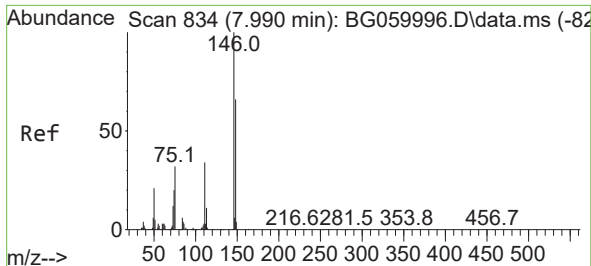
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#12
1,3-Dichlorobenzene
Concen: 38.391 ng
RT: 7.847 min Scan# 810
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

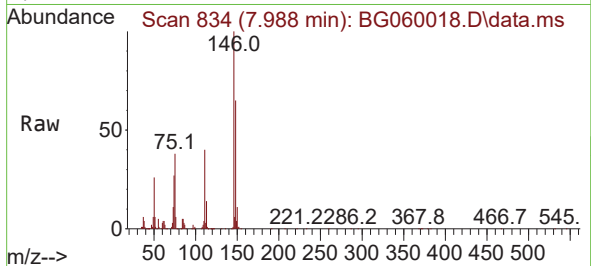
Tgt Ion:146 Resp: 293685
Ion Ratio Lower Upper
146 100
148 67.0 49.1 73.7
75 35.4 27.0 40.6





#13
1,4-Dichlorobenzene
Concen: 37.714 ng
RT: 7.988 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

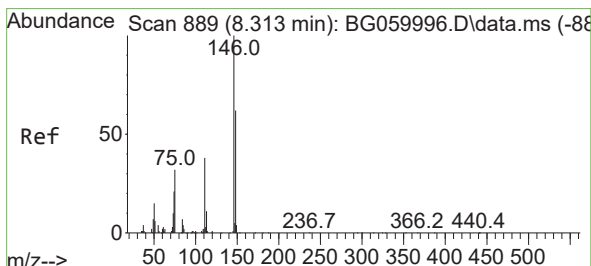
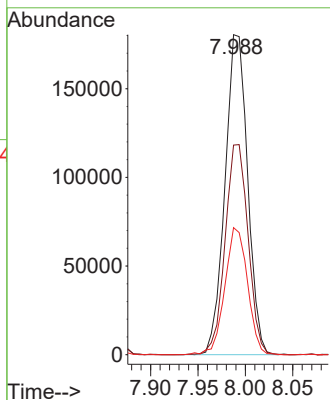
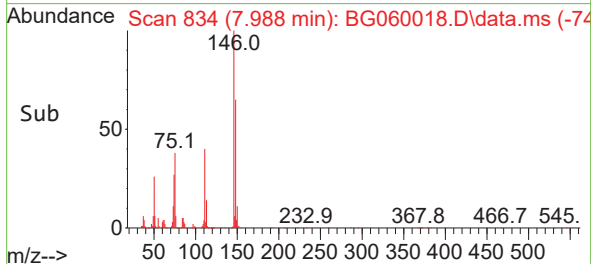
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD



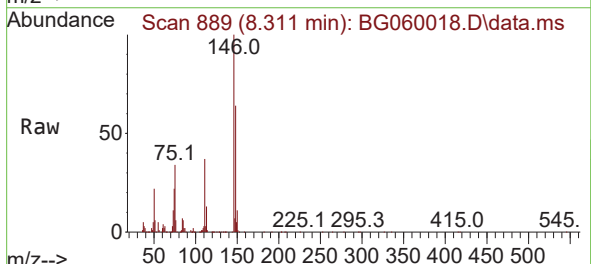
Tgt Ion:146 Resp: 300214
Ion Ratio Lower Upper
146 100
148 65.5 52.9 79.3
111 39.7 27.6 41.4

Manual Integrations
APPROVED

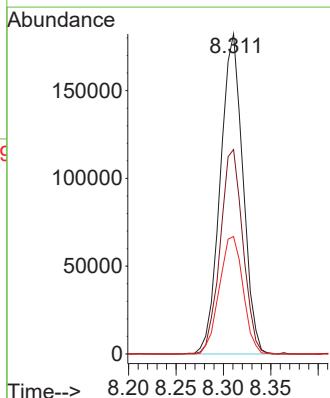
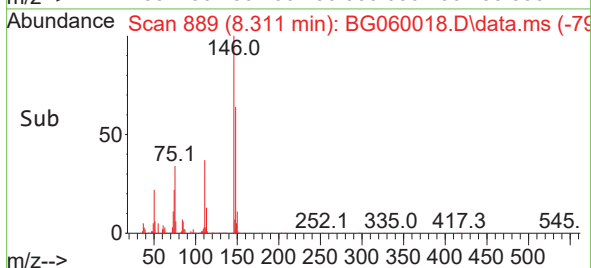
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

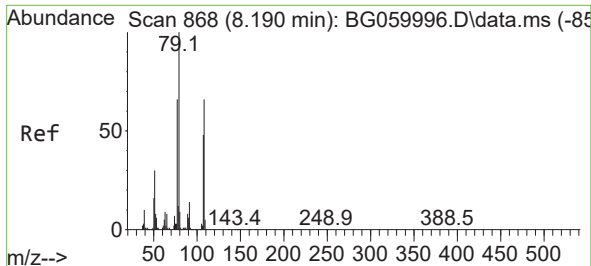


#14
1,2-Dichlorobenzene
Concen: 39.527 ng
RT: 8.311 min Scan# 889
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03



Tgt Ion:146 Resp: 302727
Ion Ratio Lower Upper
146 100
148 63.9 49.7 74.5
111 36.7 30.9 46.3





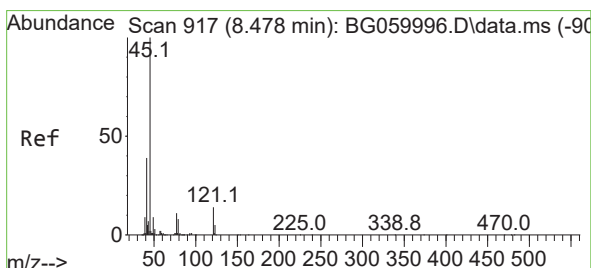
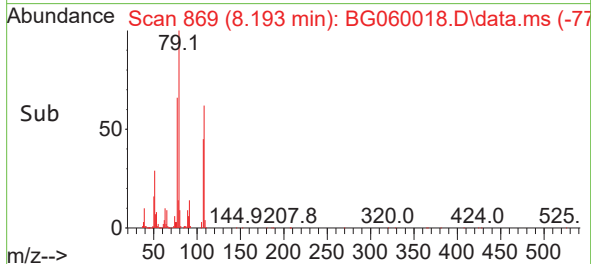
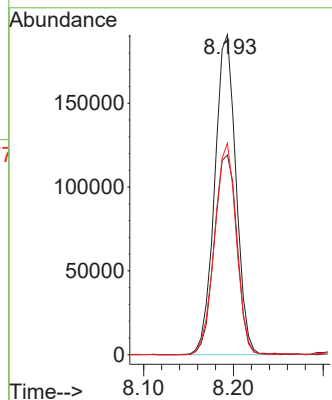
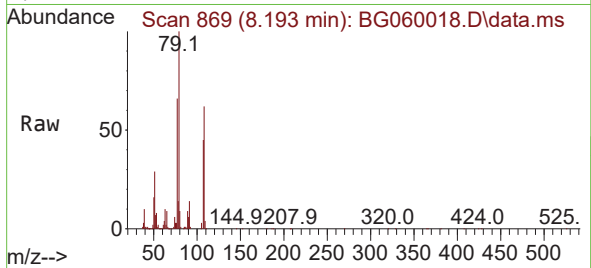
#15
Benzyl Alcohol
Concen: 45.998 ng
RT: 8.193 min Scan# 868
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD

Tgt Ion: 79 Resp: 313932
Ion Ratio Lower Upper
79 100
108 62.4 53.1 79.7
77 66.1 52.8 79.2

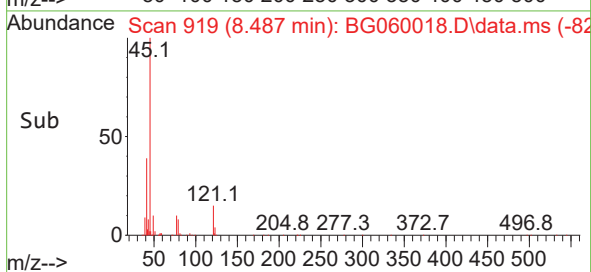
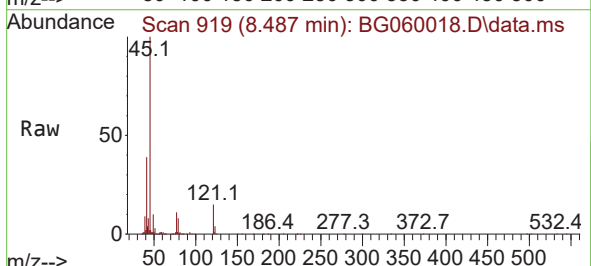
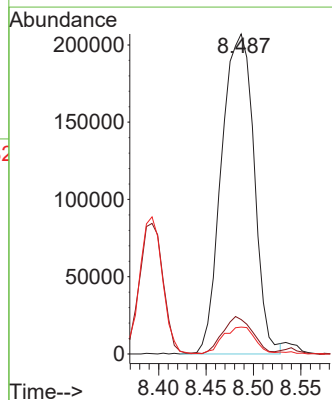
Manual Integrations
APPROVED

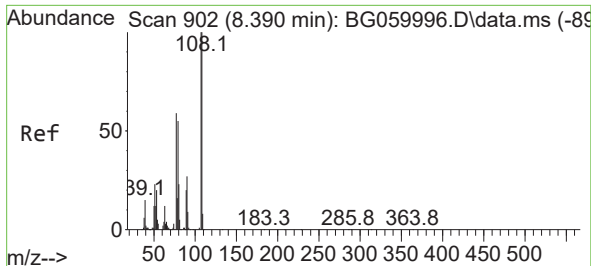
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.194 ng
RT: 8.487 min Scan# 919
Delta R.T. 0.009 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

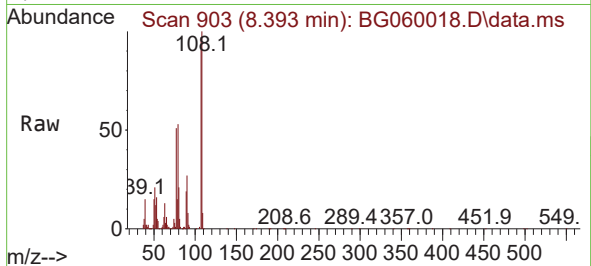
Tgt Ion: 45 Resp: 493884
Ion Ratio Lower Upper
45 100
77 10.8 0.0 31.7
79 8.4 0.0 28.7





#17
2-Methylphenol
Concen: 43.739 ng
RT: 8.393 min Scan# 902
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

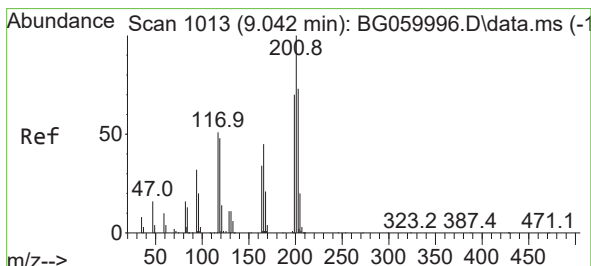
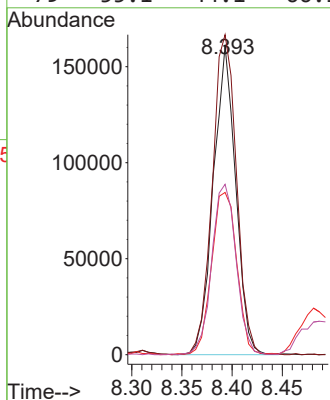
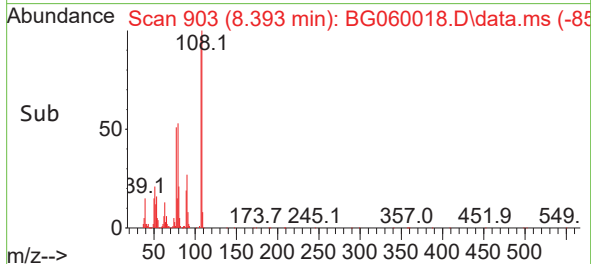
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD



Tgt Ion:	107	Resp:	248760
Ion Ratio	Lower	Upper	
107	100		
108	103.5	80.7	121.1
77	52.5	47.8	71.6
79	55.1	44.1	66.1

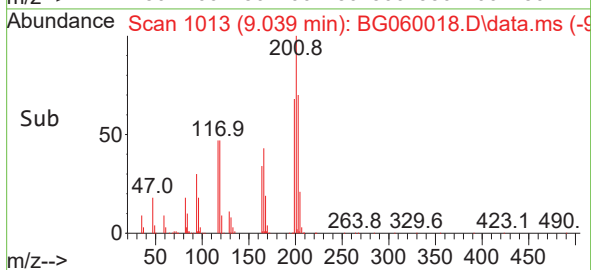
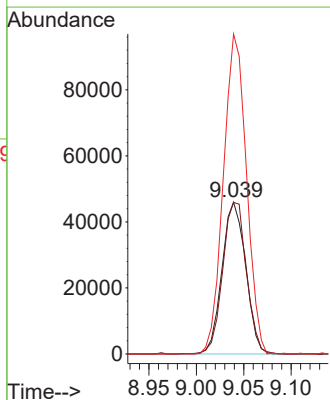
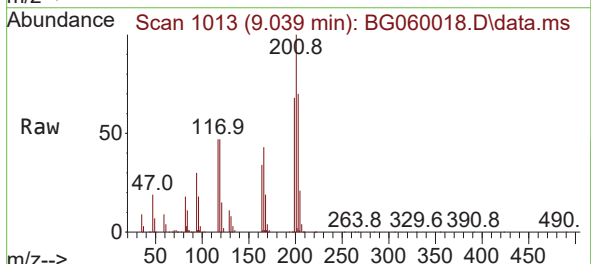
Manual Integrations
APPROVED

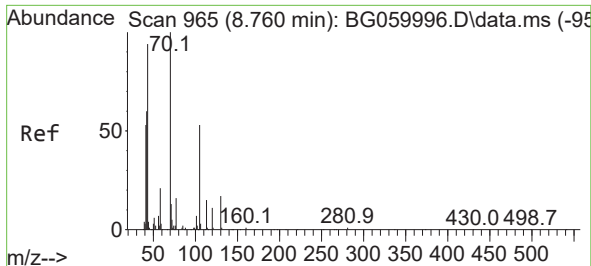
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#18
Hexachloroethane
Concen: 33.136 ng
RT: 9.039 min Scan# 1013
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

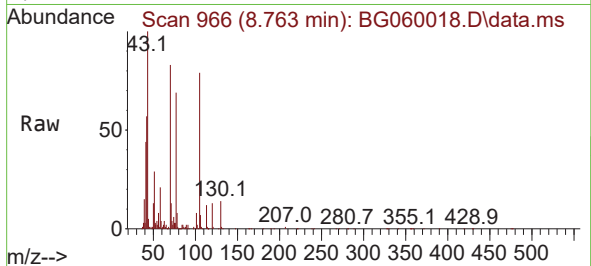
Tgt Ion:	117	Resp:	79905
Ion Ratio	Lower	Upper	
117	100		
119	99.8	74.5	111.7
201	216.1	156.5	234.7





#19
n-Nitroso-di-n-propylamine
Concen: 42.733 ng
RT: 8.763 min Scan# 965
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

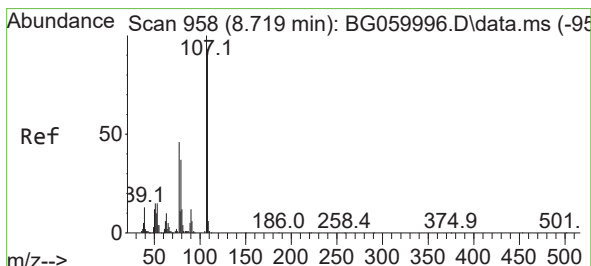
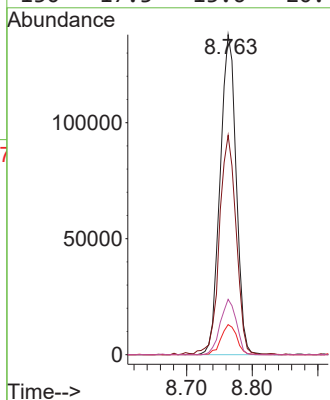
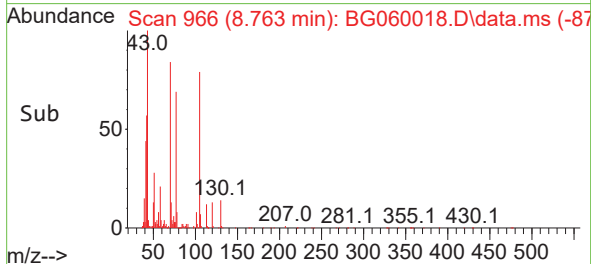
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD



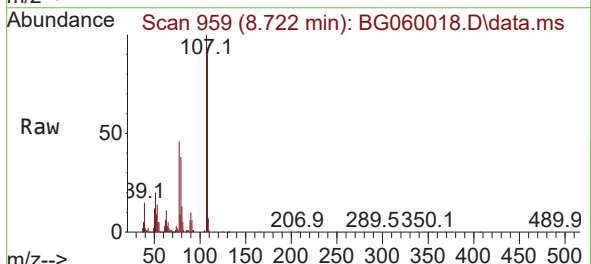
Tgt Ion: 70 Resp: 234110
Ion Ratio Lower Upper
70 100
42 68.6 48.6 73.0
101 9.4 5.7 8.5
130 17.3 13.6 20.4

Manual Integrations
APPROVED

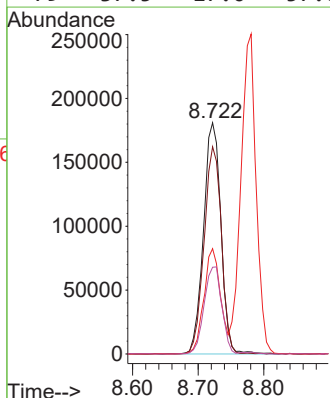
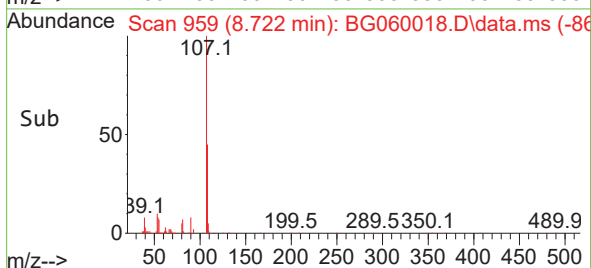
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

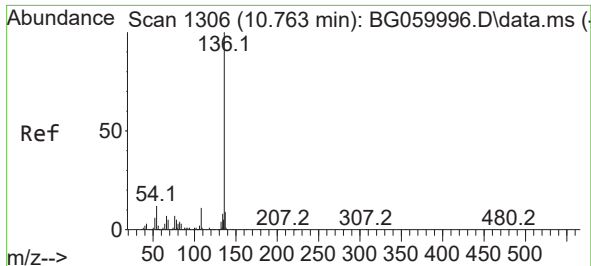


#20
3+4-Methylphenols
Concen: 42.060 ng
RT: 8.722 min Scan# 959
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03



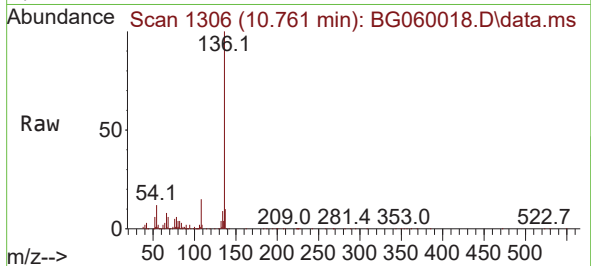
Tgt Ion:107 Resp: 334123
Ion Ratio Lower Upper
107 100
108 89.7 72.8 112.8
77 45.5 25.6 65.6
79 37.5 17.0 57.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1306
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

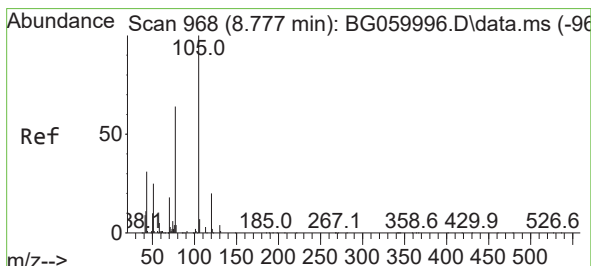
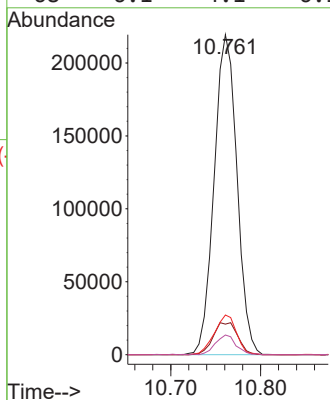
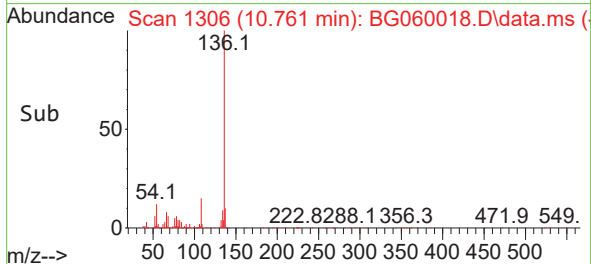
Instrument : BNA_G
ClientSampleId : WC-LIQUID-20231206MSD



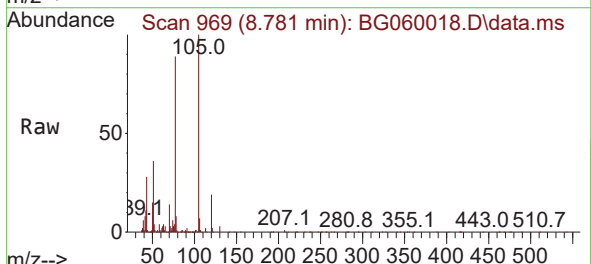
Tgt Ion:	136	Resp:	386800
Ion Ratio	Lower	Upper	
136	100		
137	9.5	7.3	10.9
54	12.4	9.6	14.4
68	6.1	4.1	6.1

Manual Integrations
APPROVED

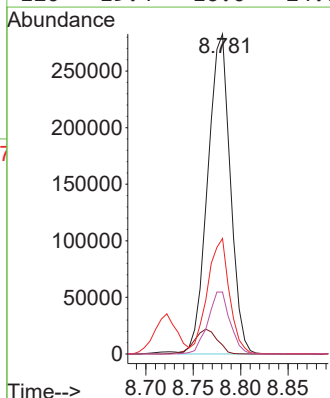
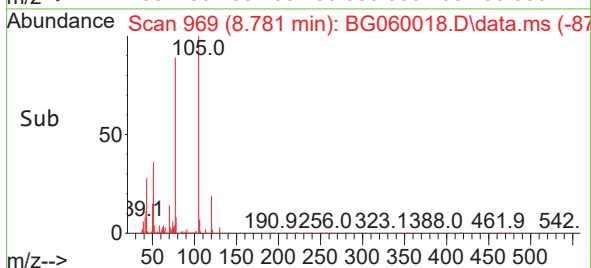
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

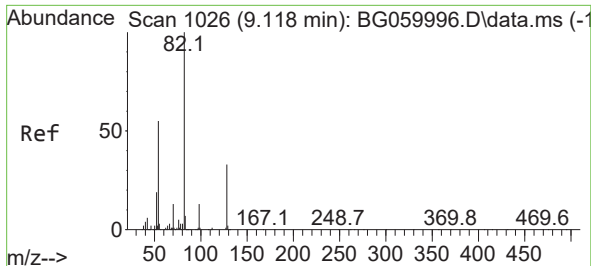


#22
Acetophenone
Concen: 41.514 ng
RT: 8.781 min Scan# 969
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03



Tgt Ion:	105	Resp:	467947
Ion Ratio	Lower	Upper	
105	100		
71	2.8	2.1	3.1
51	36.1	25.4	38.0
120	19.4	16.0	24.0





#23

Nitrobenzene-d5

Concen: 73.575 ng

RT: 9.122 min Scan# 1027

Delta R.T. 0.003 min

Lab File: BG060018.D

Acq: 14 Dec 2023 19:03

Instrument :

BNA_G

ClientSampleId :

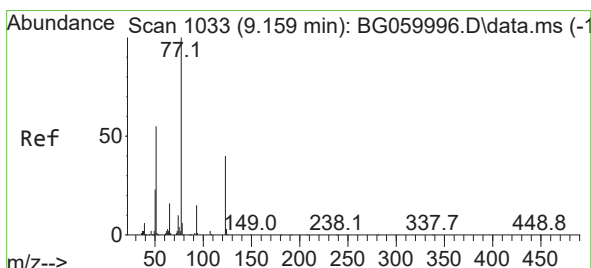
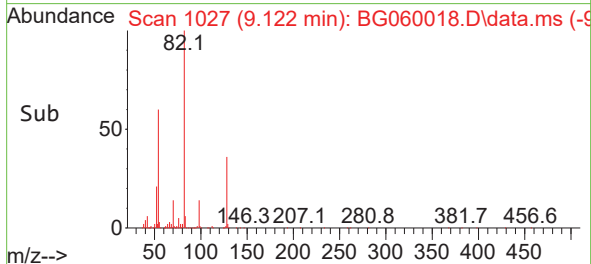
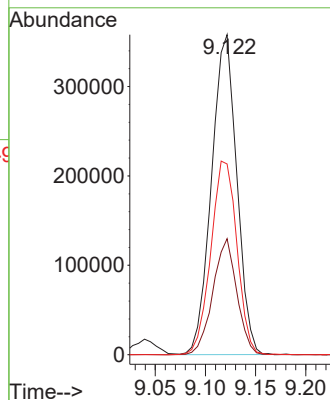
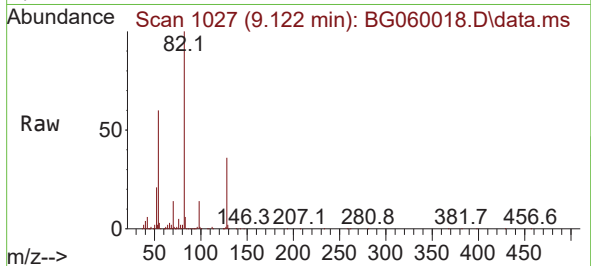
WC-LIQUID-20231206MSD

Tgt Ion: 82 Resp: 62674

Ion	Ratio	Lower	Upper
82	100		
128	36.2	26.3	39.5
54	59.6	44.3	66.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#24

Nitrobenzene

Concen: 38.141 ng

RT: 9.163 min Scan# 1034

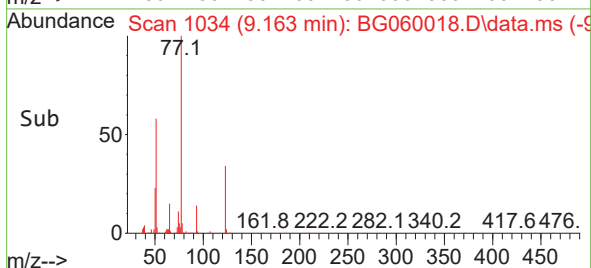
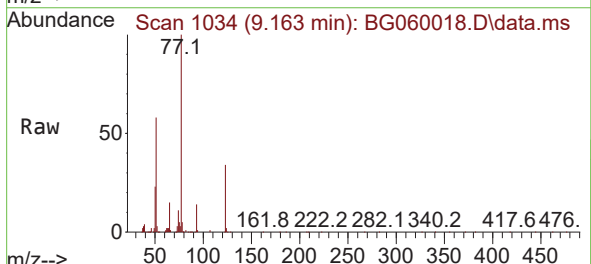
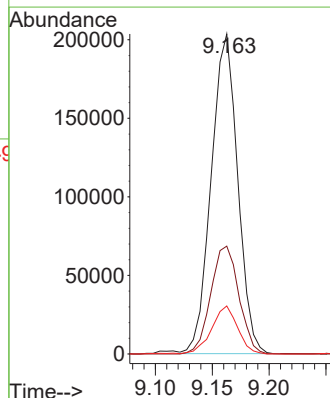
Delta R.T. 0.003 min

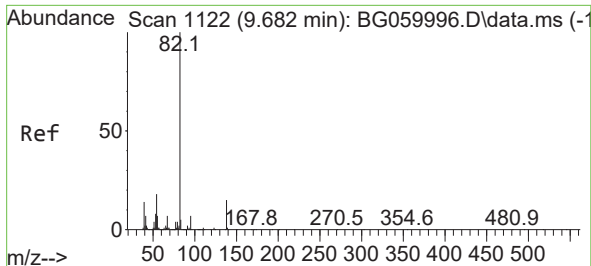
Lab File: BG060018.D

Acq: 14 Dec 2023 19:03

Tgt Ion: 77 Resp: 329848

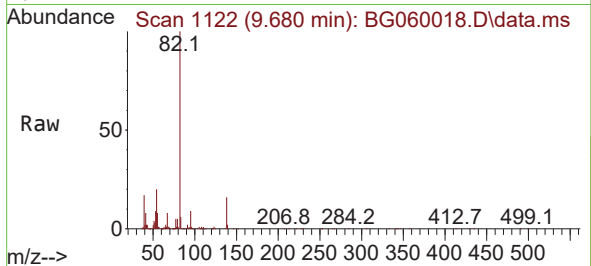
Ion	Ratio	Lower	Upper
77	100		
123	33.7	32.1	48.1
65	15.0	13.0	19.4





#25
Isophorone
Concen: 36.865 ng
RT: 9.680 min Scan# 1122
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

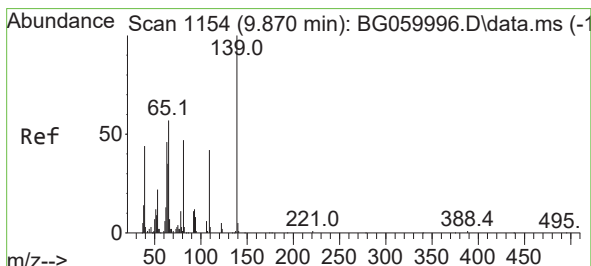
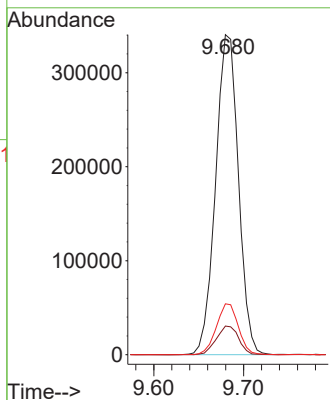
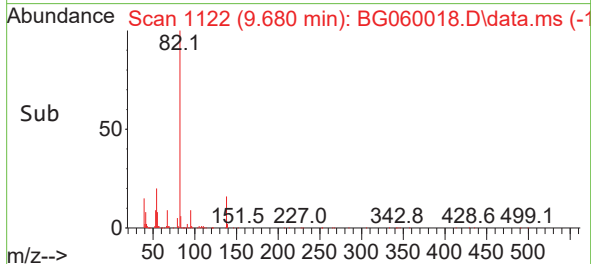
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD



Tgt Ion: 82 Resp: 601027
Ion Ratio Lower Upper
82 100
95 9.0 5.8 8.8
138 15.9 11.6 17.4

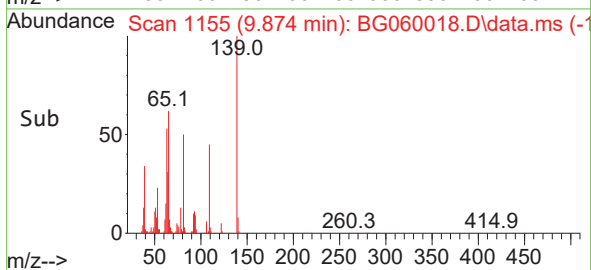
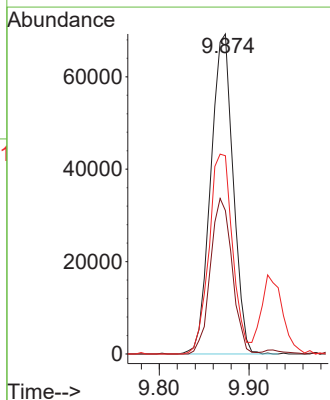
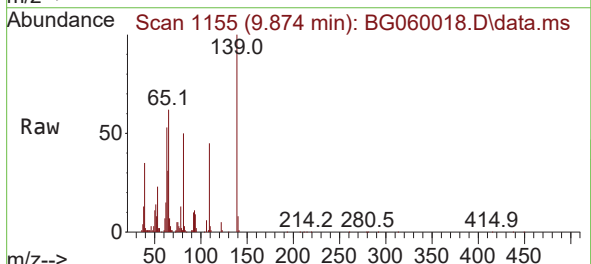
Manual Integrations
APPROVED

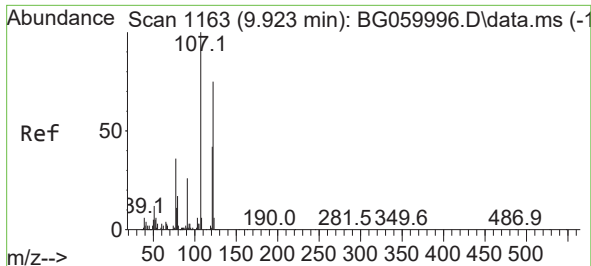
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#26
2-Nitrophenol
Concen: 37.752 ng
RT: 9.874 min Scan# 1155
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

Tgt Ion:139 Resp: 120073
Ion Ratio Lower Upper
139 100
109 44.8 33.8 50.6
65 62.0 45.2 67.8





#27

2,4-Dimethylphenol

Concen: 41.348 ng

RT: 9.926 min Scan# 1163

Delta R.T. 0.003 min

Lab File: BG060018.D

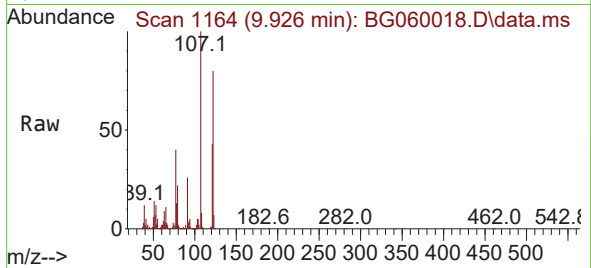
Acq: 14 Dec 2023 19:03

Instrument :

BNA_G

ClientSampleId :

WC-LIQUID-20231206MSD



Tgt Ion:122 Resp: 180260

Ion Ratio Lower Upper

122 100

107 125.1 105.9 158.9

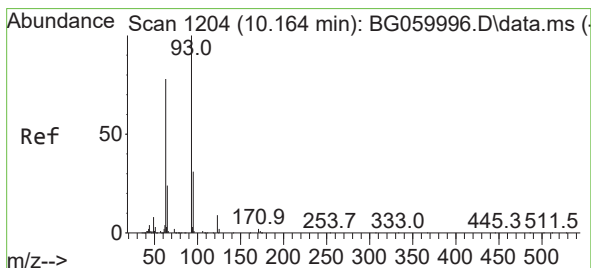
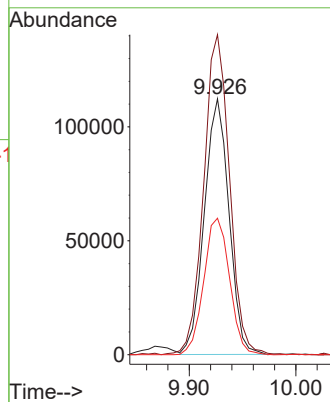
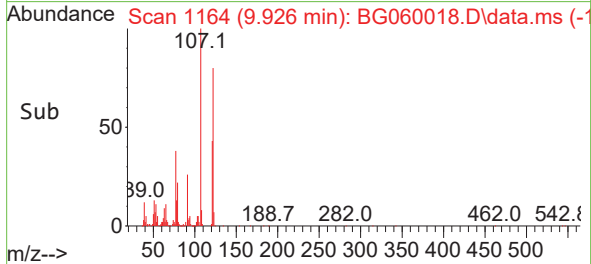
121 53.4 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/16/2023

Supervised By :mohammad ahmed 12/16/2023



#28

bis(2-Chloroethoxy)methane

Concen: 37.855 ng

RT: 10.167 min Scan# 1205

Delta R.T. 0.003 min

Lab File: BG060018.D

Acq: 14 Dec 2023 19:03

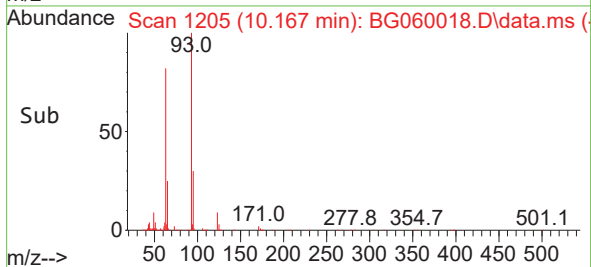
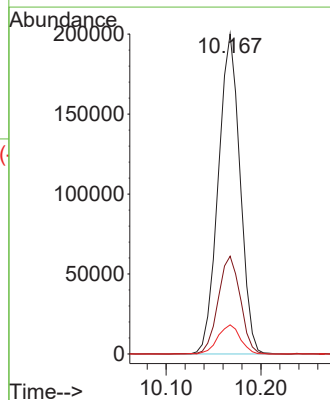
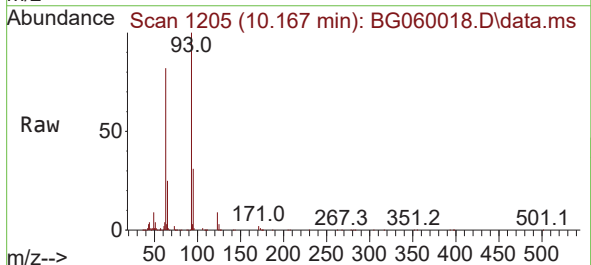
Tgt Ion: 93 Resp: 318647

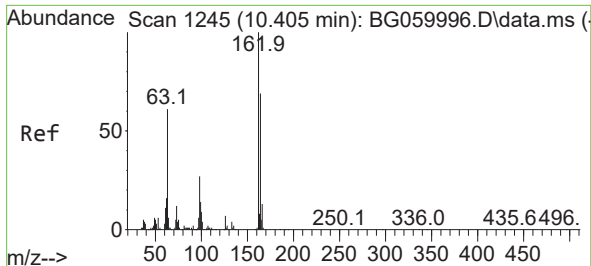
Ion Ratio Lower Upper

93 100

95 30.6 24.7 37.1

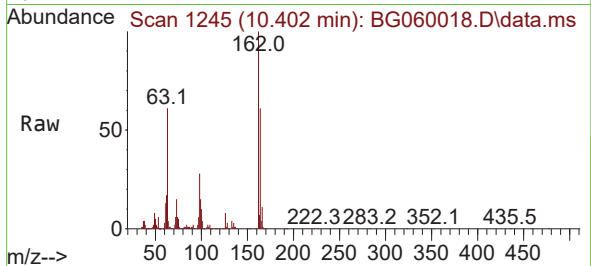
123 9.1 7.5 11.3





#29
2,4-Dichlorophenol
Concen: 40.517 ng
RT: 10.402 min Scan# 1245
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

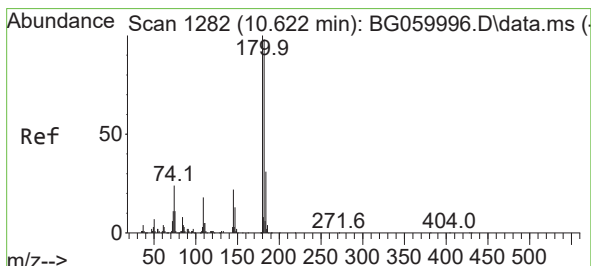
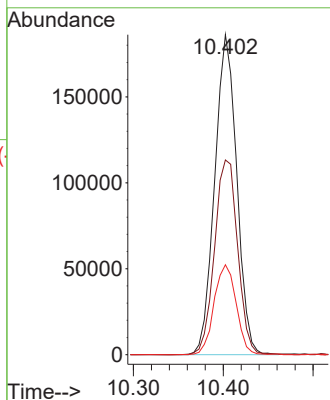
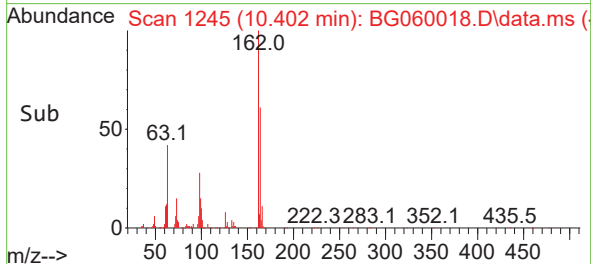
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD



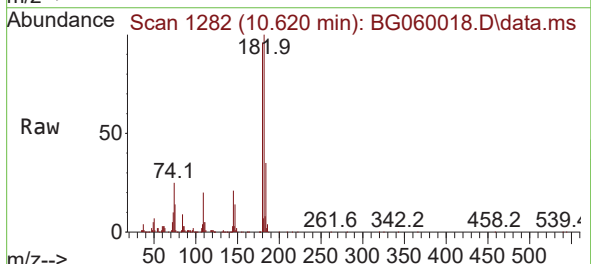
Tgt Ion:162 Resp: 31725
Ion Ratio Lower Upper
162 100
164 60.9 48.8 88.8
98 28.1 7.2 47.2

Manual Integrations
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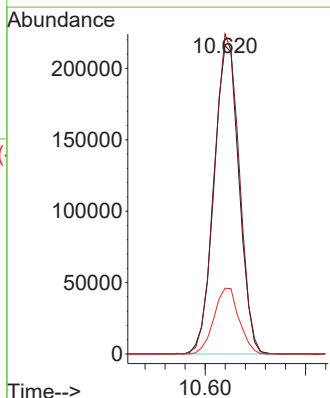
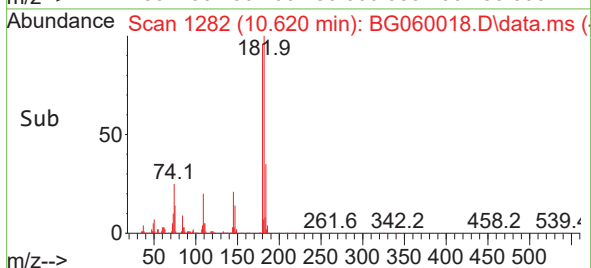
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

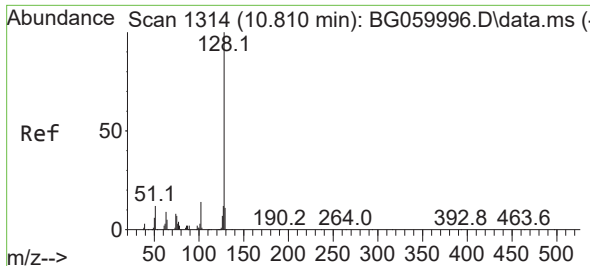


#30
1,2,4-Trichlorobenzene
Concen: 35.434 ng
RT: 10.620 min Scan# 1282
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03



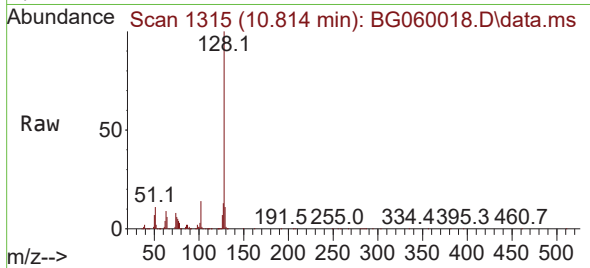
Tgt Ion:180 Resp: 37555
Ion Ratio Lower Upper
180 100
182 103.8 78.2 117.4
145 21.4 17.2 25.8





#31
Naphthalene
Concen: 40.427 ng
RT: 10.814 min Scan# 1314
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

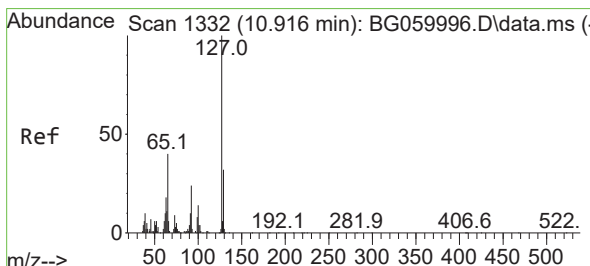
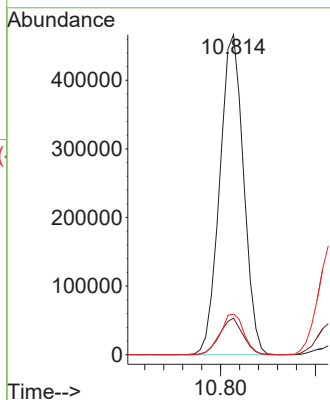
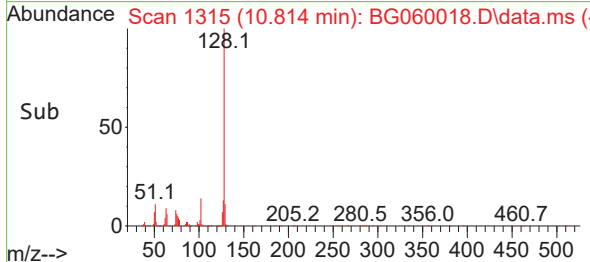
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD



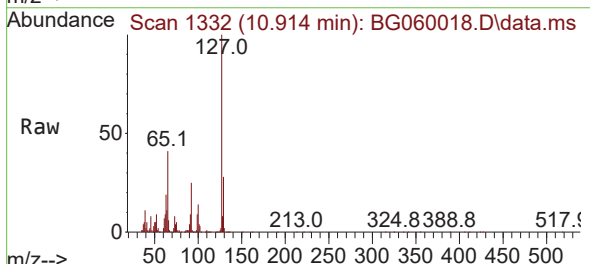
Tgt Ion:128 Resp: 814056
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 12.7 9.7 14.5

Manual Integrations
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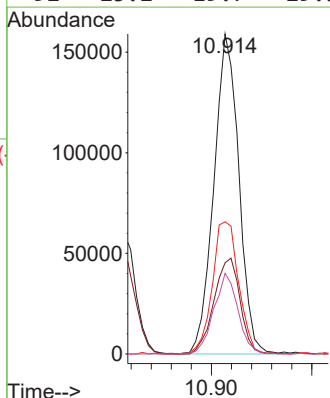
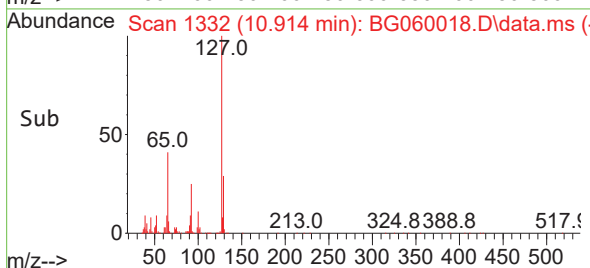
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

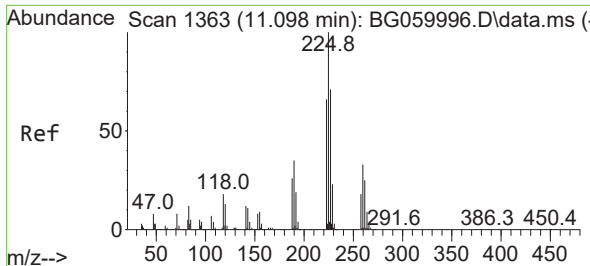


#33
4-Chloroaniline
Concen: 35.853 ng
RT: 10.914 min Scan# 1332
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03



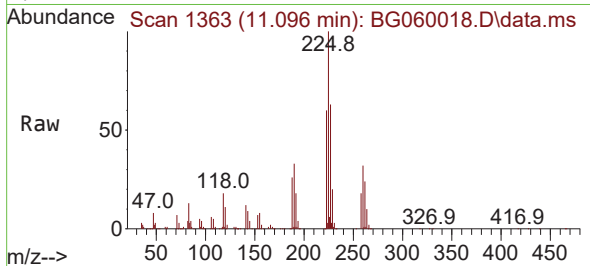
Tgt Ion:127 Resp: 274703
Ion Ratio Lower Upper
127 100
129 28.5 25.7 38.5
65 41.3 32.3 48.5
92 25.2 19.7 29.5





#34
Hexachlorobutadiene
Concen: 38.245 ng
RT: 11.096 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

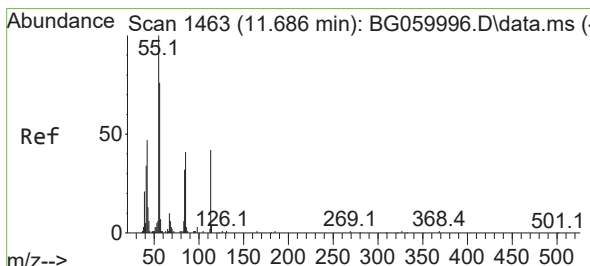
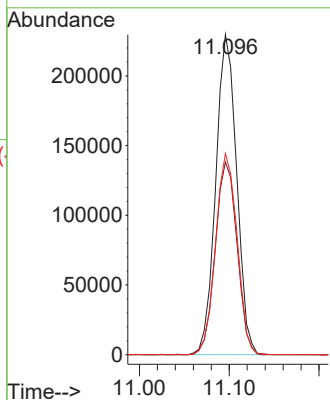
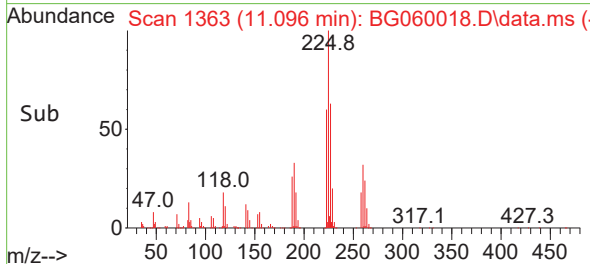
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD



Tgt Ion:225 Resp: 37100
Ion Ratio Lower Upper
225 100
223 60.2 52.4 78.6
227 62.8 56.6 85.0

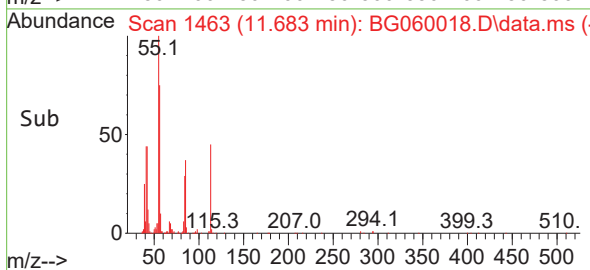
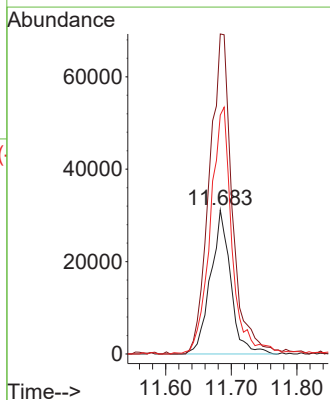
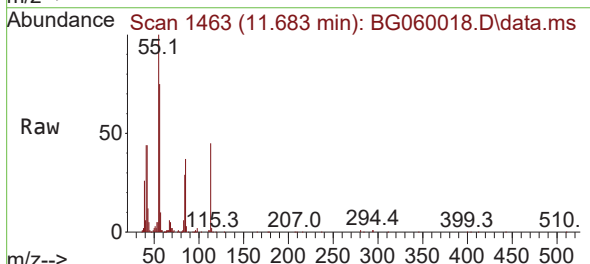
Manual Integrations
APPROVED

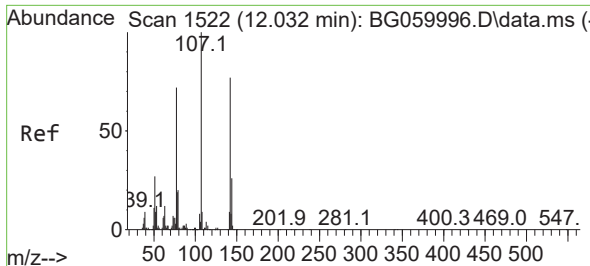
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#35
Caprolactam
Concen: 33.293 ng
RT: 11.683 min Scan# 1463
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

Tgt Ion:113 Resp: 66223
Ion Ratio Lower Upper
113 100
55 222.1 219.5 259.5
56 165.8 161.6 201.6





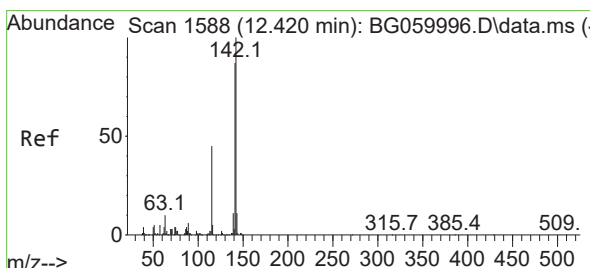
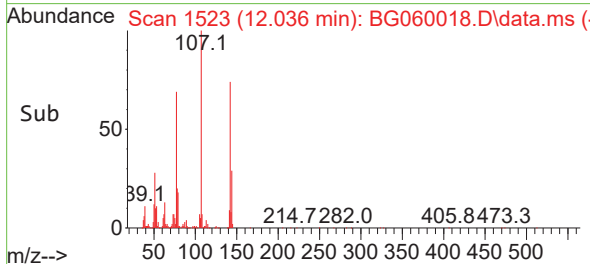
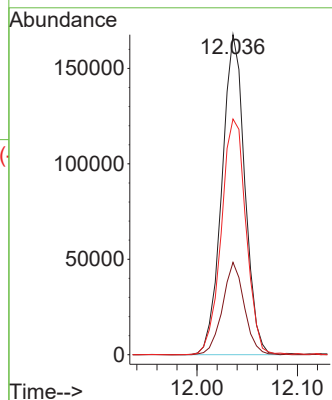
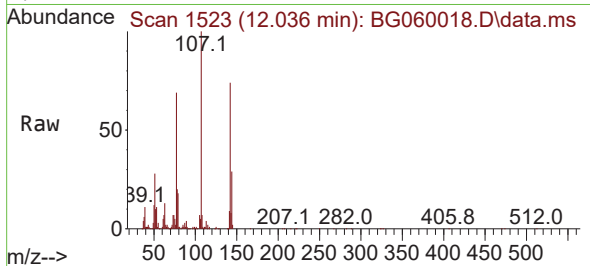
#36
4-Chloro-3-methylphenol
Concen: 37.316 ng
RT: 12.036 min Scan# 1522
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD

Tgt Ion:107 Resp: 26574
Ion Ratio Lower Upper
107 100
144 28.9 20.4 30.6
142 73.7 61.4 92.0

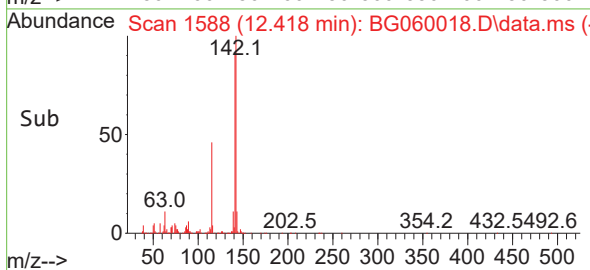
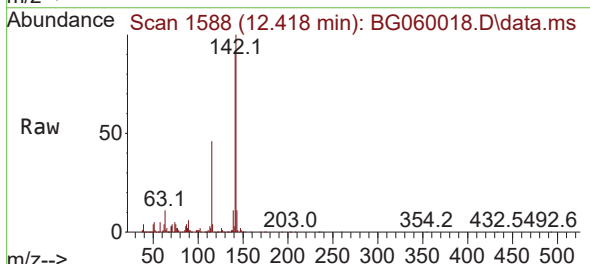
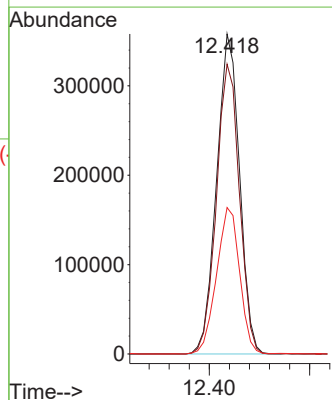
Manual Integrations
APPROVED

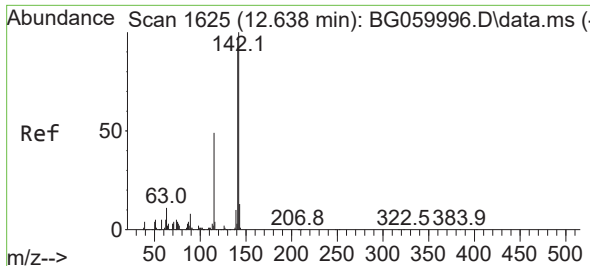
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#37
2-Methylnaphthalene
Concen: 35.929 ng
RT: 12.418 min Scan# 1588
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

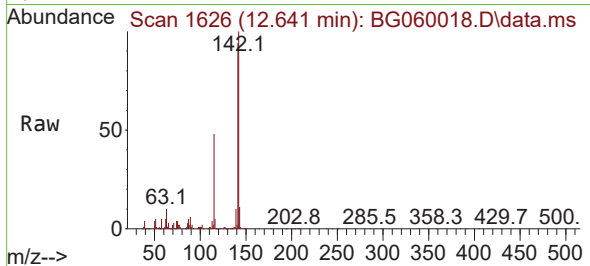
Tgt Ion:142 Resp: 567439
Ion Ratio Lower Upper
142 100
141 90.5 69.9 104.9
115 45.7 36.1 54.1





#38
1-Methylnaphthalene
Concen: 35.455 ng
RT: 12.641 min Scan# 1626
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

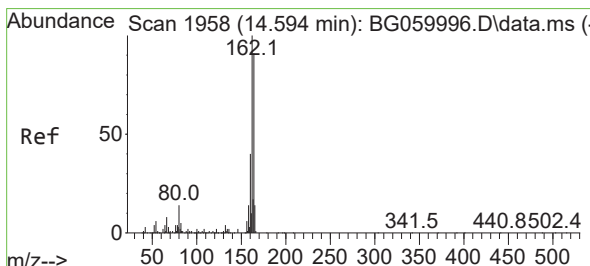
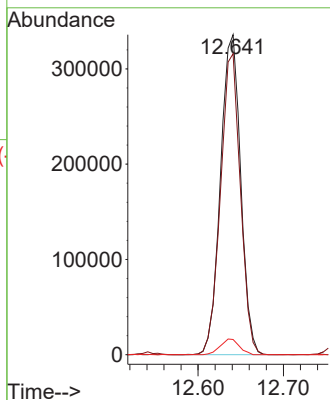
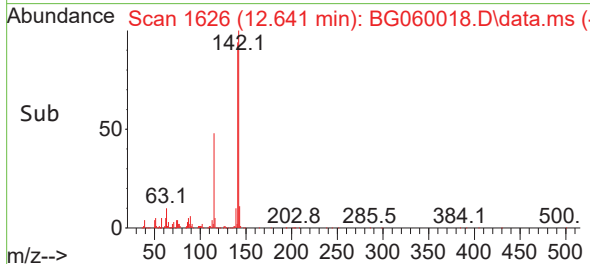
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD



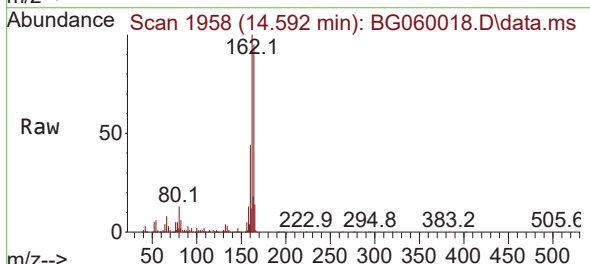
Tgt Ion:142 Resp: 55312
Ion Ratio Lower Upper
142 100
141 94.1 76.9 115.3
116 4.8 3.5 5.3

Manual Integrations
APPROVED

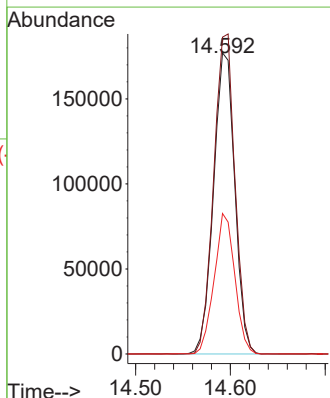
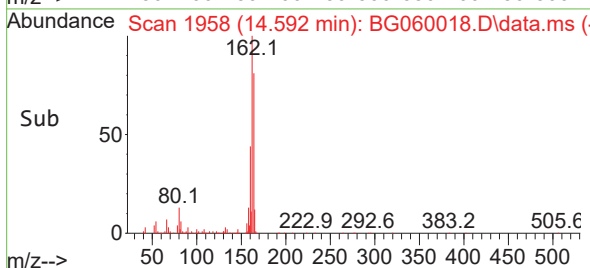
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

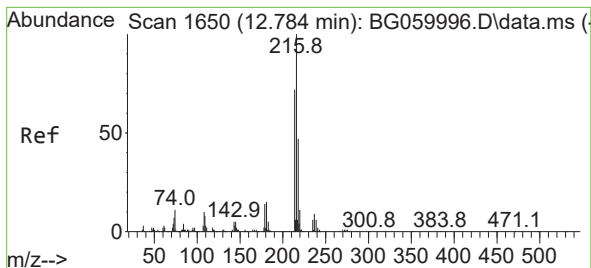


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03



Tgt Ion:164 Resp: 275603
Ion Ratio Lower Upper
164 100
162 105.2 88.1 132.1
160 46.6 35.4 53.0





#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.593 ng

RT: 12.788 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG060018.D

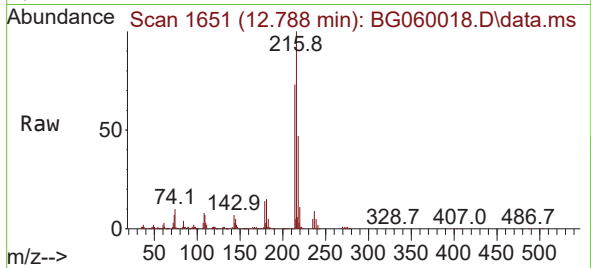
Acq: 14 Dec 2023 19:03

Instrument :

BNA_G

ClientSampleId :

WC-LIQUID-20231206MSD



Tgt Ion:216 Resp: 65508

Ion Ratio Lower Upper

216 100

214 75.8 60.3 90.5

179 15.3 11.9 17.9

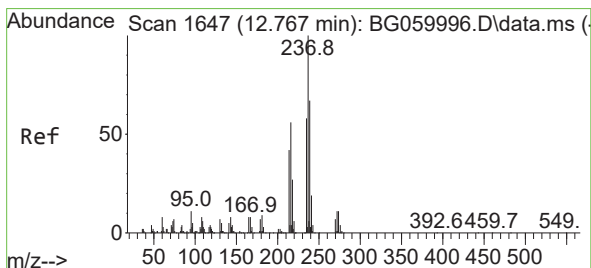
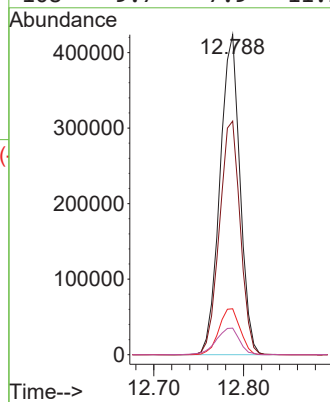
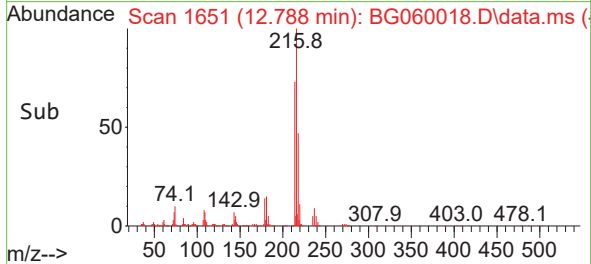
108 9.7 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/16/2023

Supervised By :mohammad ahmed 12/16/2023



#41

Hexachlorocyclopentadiene

Concen: 81.999 ng

RT: 12.770 min Scan# 1648

Delta R.T. 0.003 min

Lab File: BG060018.D

Acq: 14 Dec 2023 19:03

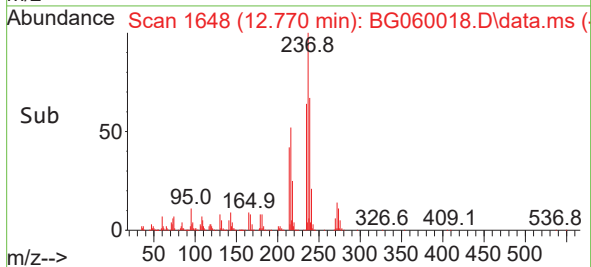
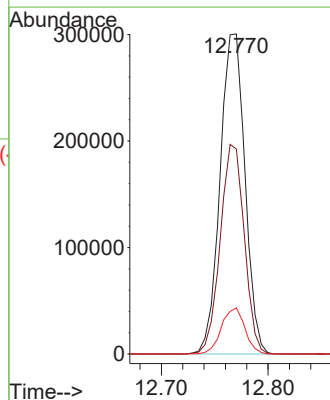
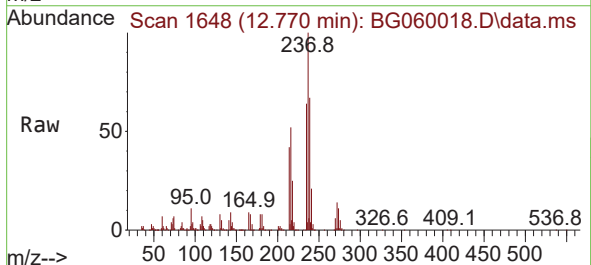
Tgt Ion:237 Resp: 486782

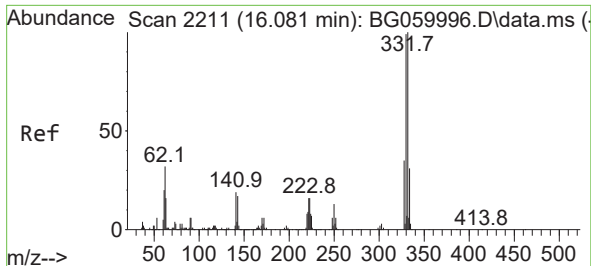
Ion Ratio Lower Upper

237 100

235 64.0 38.5 78.5

272 14.4 0.0 31.2





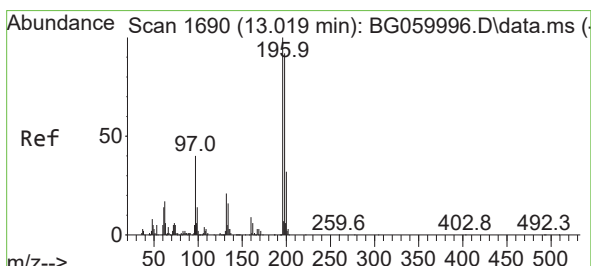
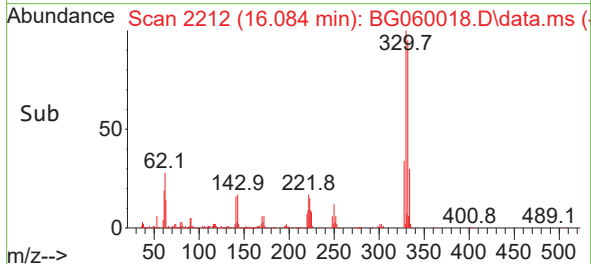
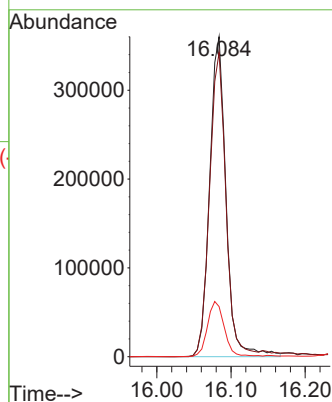
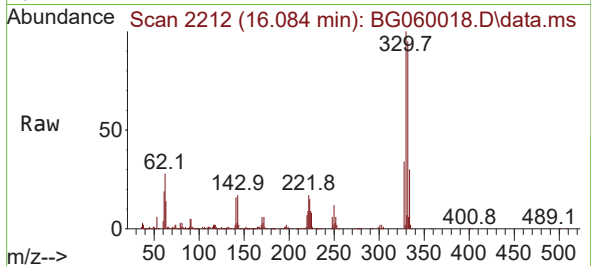
#42
2,4,6-Tribromophenol
Concen: 86.236 ng
RT: 16.084 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD

Tgt Ion:330 Resp: 55388
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 17.8 14.3 21.5

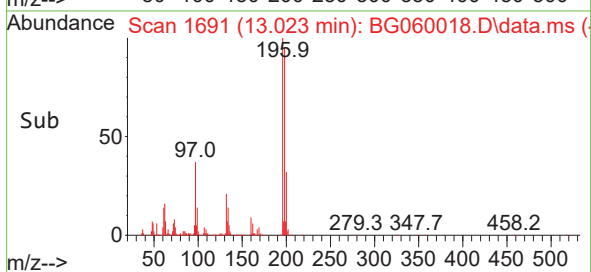
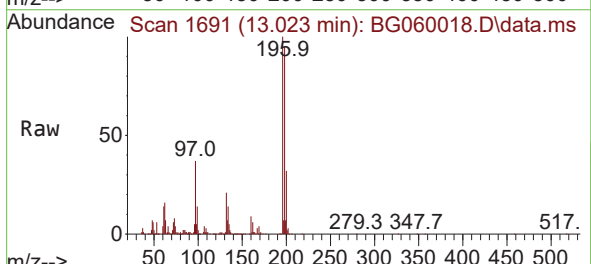
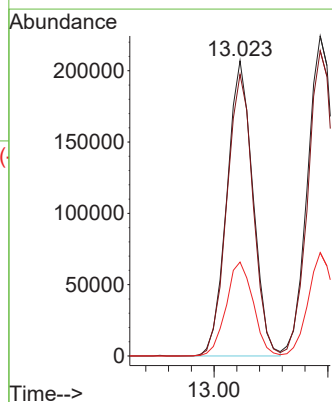
Manual Integrations
APPROVED

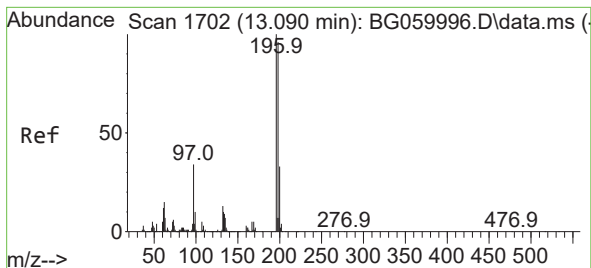
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#43
2,4,6-Trichlorophenol
Concen: 40.743 ng
RT: 13.023 min Scan# 1691
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

Tgt Ion:196 Resp: 328224
Ion Ratio Lower Upper
196 100
198 95.4 73.4 110.0
200 31.8 26.1 39.1





#44

2,4,5-Trichlorophenol

Concen: 41.512 ng

RT: 13.093 min Scan# 1703

Delta R.T. 0.003 min

Lab File: BG060018.D

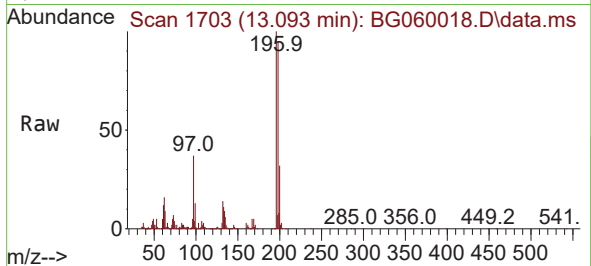
Acq: 14 Dec 2023 19:03

Instrument :

BNA_G

ClientSampleId :

WC-LIQUID-20231206MSD



Tgt Ion:196 Resp: 36375

Ion Ratio Lower Upper

196 100

198 95.4 76.4 114.6

97 36.7 27.0 40.4

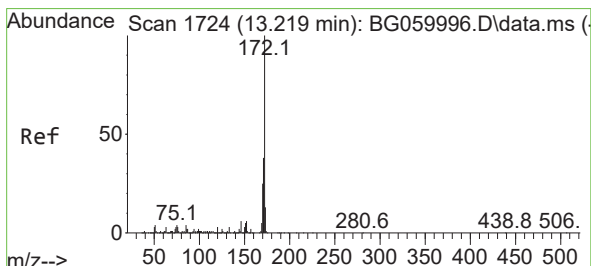
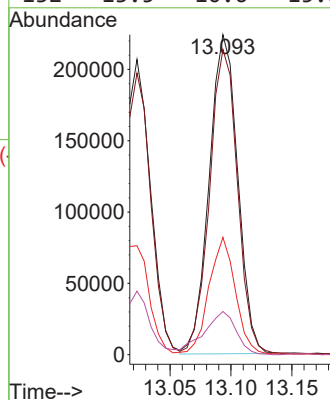
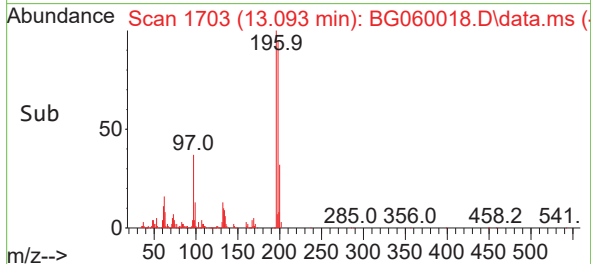
132 13.5 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/16/2023

Supervised By :mohammad ahmed 12/16/2023



#45

2-Fluorobiphenyl

Concen: 82.592 ng

RT: 13.217 min Scan# 1724

Delta R.T. -0.002 min

Lab File: BG060018.D

Acq: 14 Dec 2023 19:03

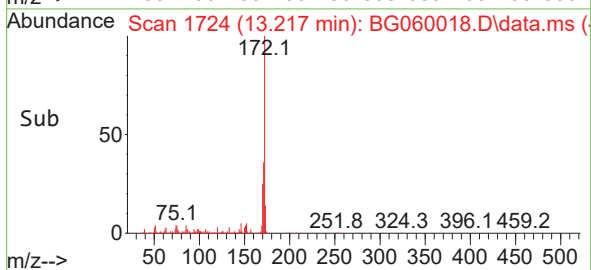
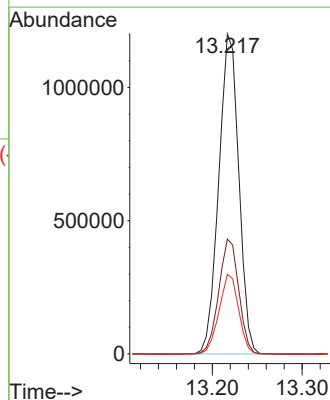
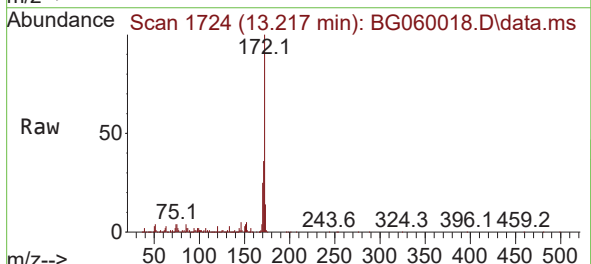
Tgt Ion:172 Resp: 1859851

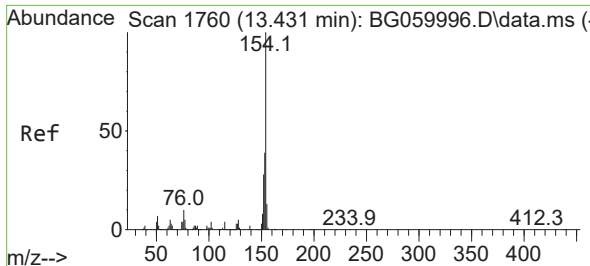
Ion Ratio Lower Upper

172 100

171 35.9 30.1 45.1

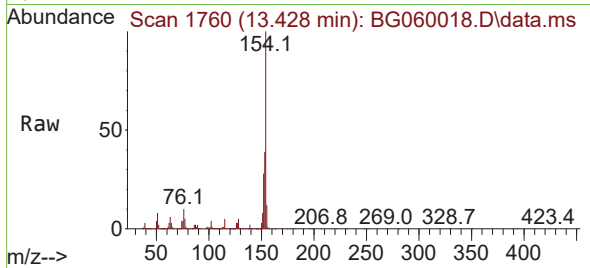
170 24.9 20.0 30.0





#46
1,1'-Biphenyl
Concen: 44.741 ng
RT: 13.428 min Scan# 1760
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

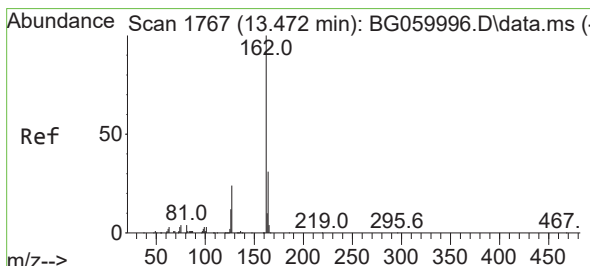
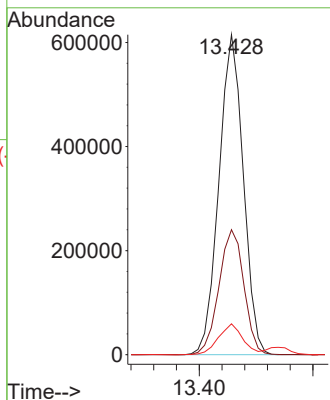
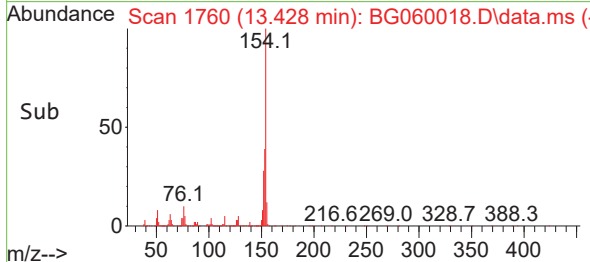
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD



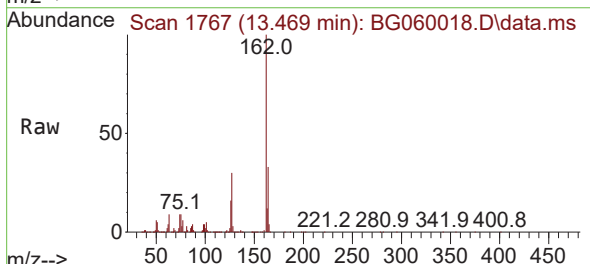
Tgt Ion:154 Resp: 914458
Ion Ratio Lower Upper
154 100
153 39.0 19.2 59.2
76 9.7 0.0 29.9

Manual Integrations
APPROVED

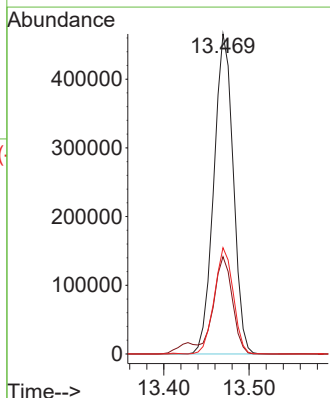
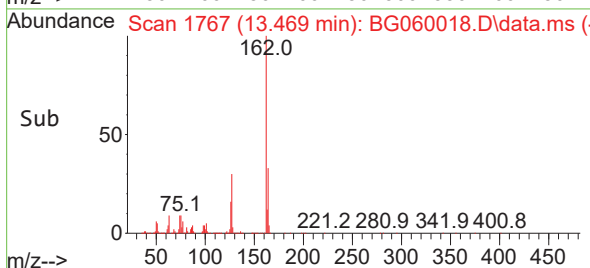
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

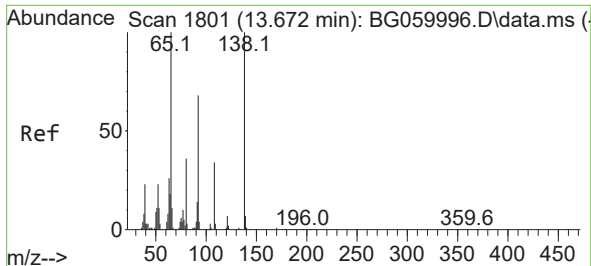


#47
2-Chloronaphthalene
Concen: 41.642 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03



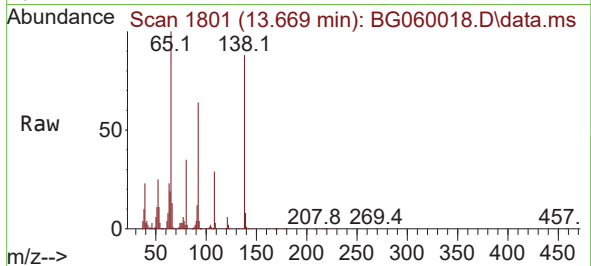
Tgt Ion:162 Resp: 737093
Ion Ratio Lower Upper
162 100
127 30.4 21.8 32.6
164 33.2 25.2 37.8





#48
2-Nitroaniline
Concen: 49.206 ng
RT: 13.669 min Scan# 1801
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

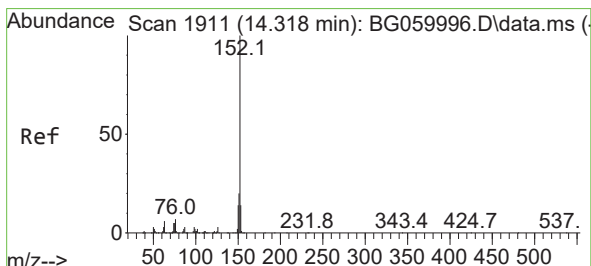
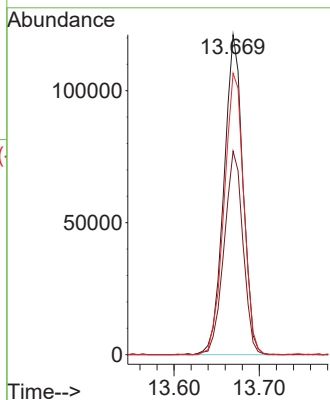
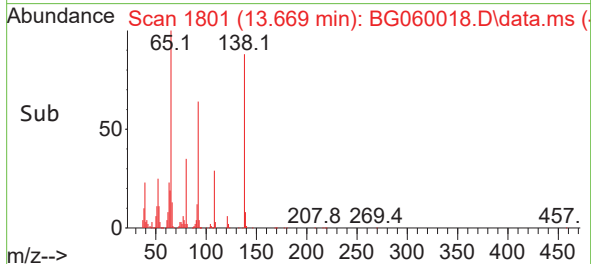
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD



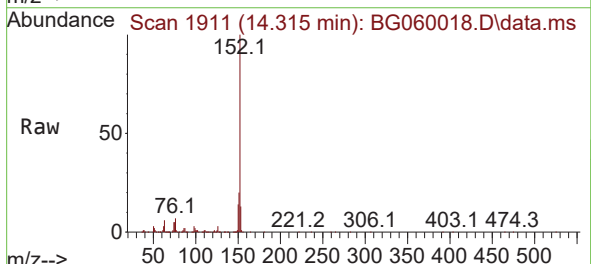
Tgt Ion: 65 Resp: 188018
Ion Ratio Lower Upper
65 100
92 63.6 54.6 81.8
138 88.0 80.2 120.2

Manual Integrations
APPROVED

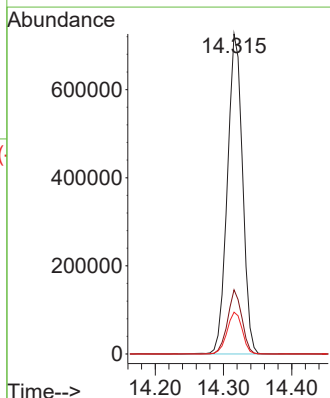
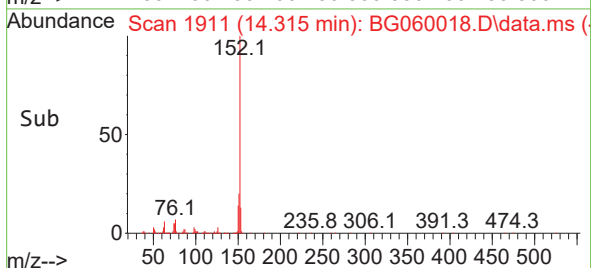
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

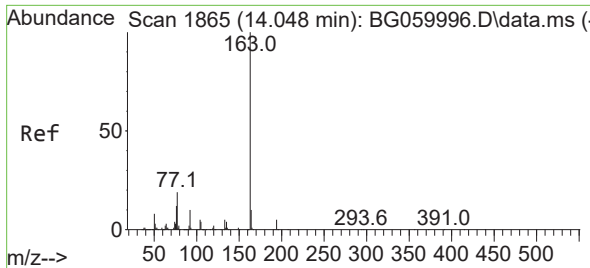


#49
Acenaphthylene
Concen: 46.369 ng
RT: 14.315 min Scan# 1911
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03



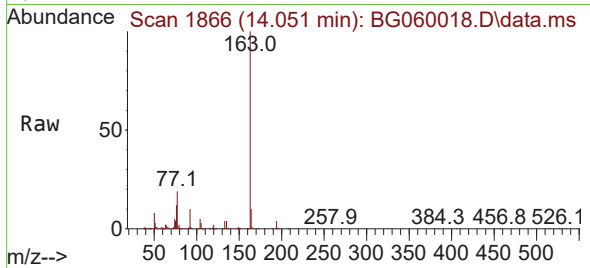
Tgt Ion:152 Resp: 1122716
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.0 11.0 16.4





#50
Dimethylphthalate
Concen: 43.077 ng
RT: 14.051 min Scan# 1866
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

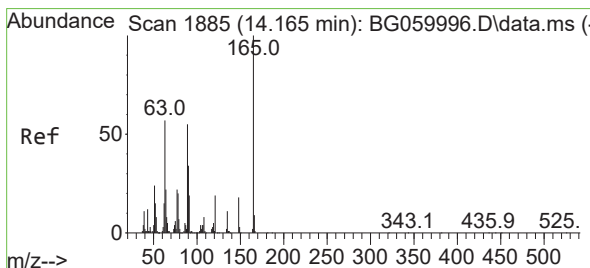
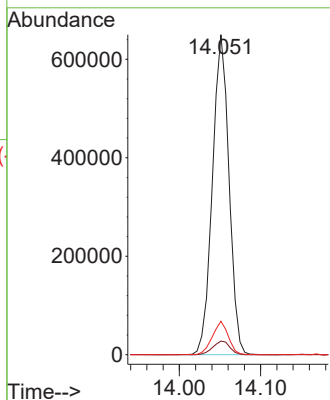
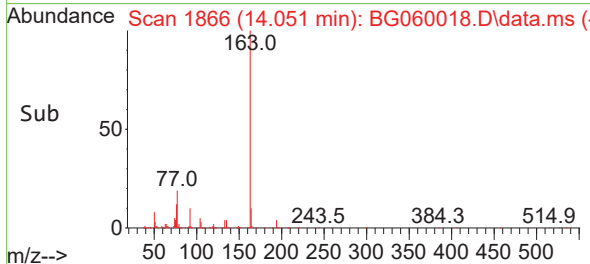
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD



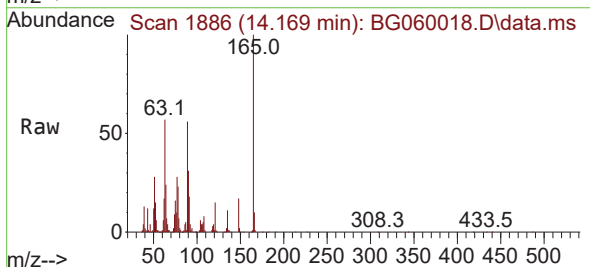
Tgt Ion:163 Resp: 921536
Ion Ratio Lower Upper
163 100
194 4.3 3.7 5.5
164 10.4 8.2 12.4

Manual Integrations
APPROVED

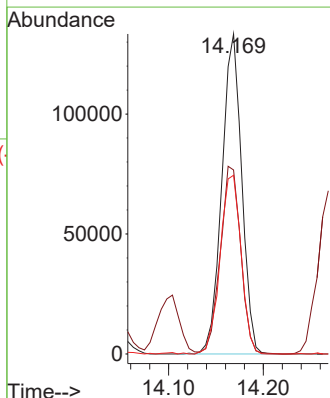
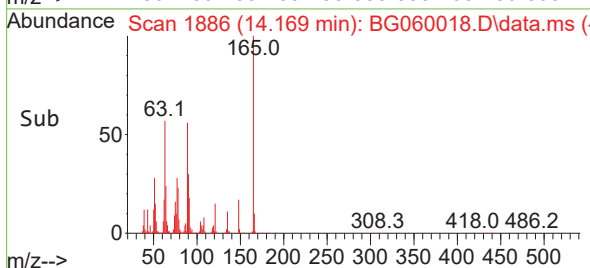
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

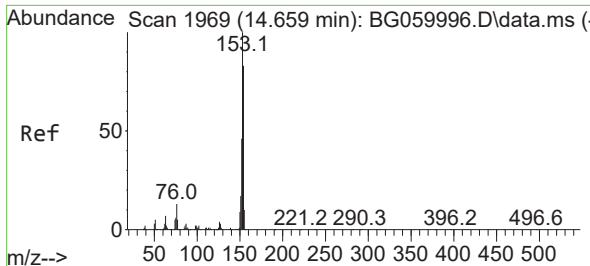


#51
2,6-Dinitrotoluene
Concen: 43.844 ng
RT: 14.169 min Scan# 1886
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03



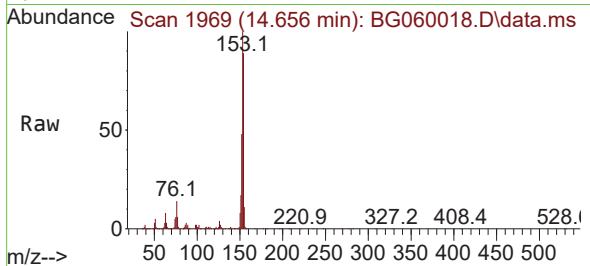
Tgt Ion:165 Resp: 194294
Ion Ratio Lower Upper
165 100
63 57.5 48.2 72.2
89 55.8 44.4 66.6





#52
Acenaphthene
Concen: 37.772 ng
RT: 14.656 min Scan# 1969
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

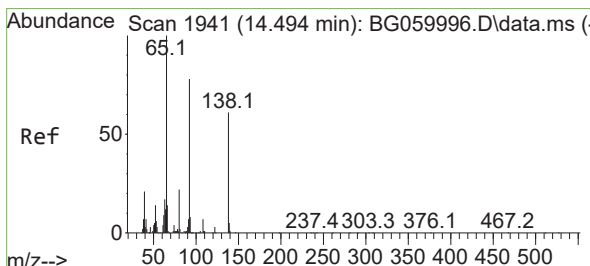
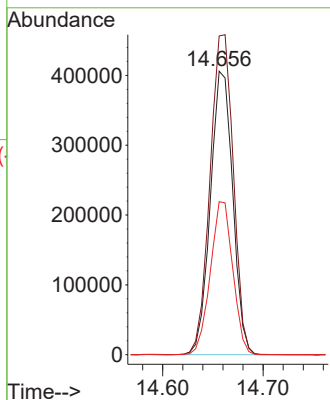
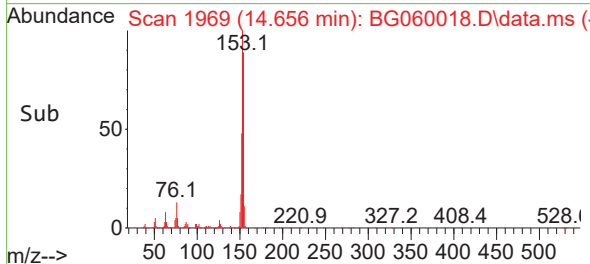
Instrument : BNA_G
ClientSampleId : WC-LIQUID-20231206MSD



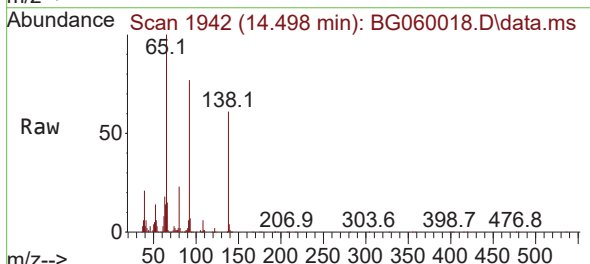
Tgt Ion:154 Resp: 62954
Ion Ratio Lower Upper
154 100
153 112.4 96.0 144.0
152 53.9 44.3 66.5

Manual Integrations
APPROVED

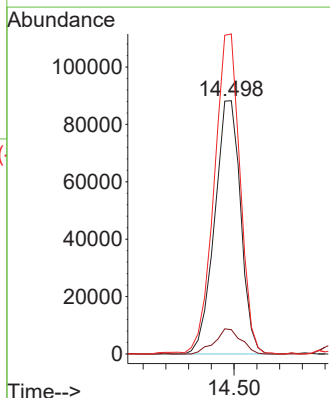
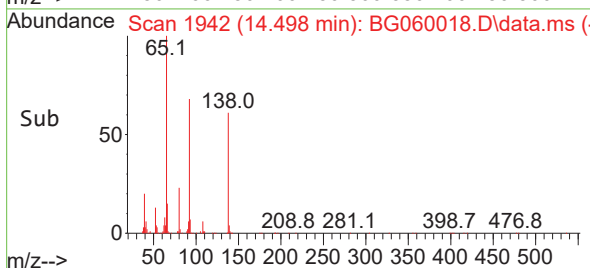
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

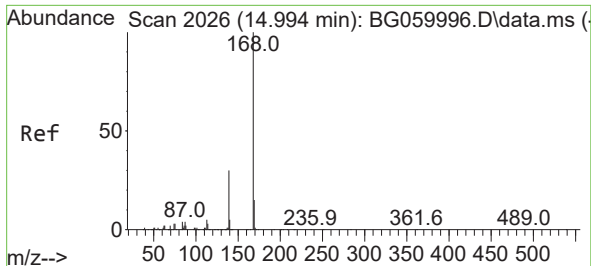


#53
3-Nitroaniline
Concen: 39.543 ng
RT: 14.498 min Scan# 1942
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03



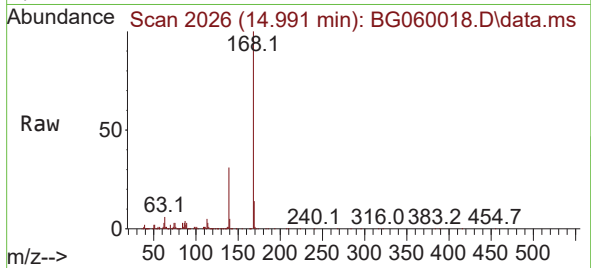
Tgt Ion:138 Resp: 140027
Ion Ratio Lower Upper
138 100
108 9.6 8.9 13.3
92 126.4 102.1 153.1





#55
Dibenzenofuran
Concen: 42.915 ng
RT: 14.991 min Scan# 2026
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

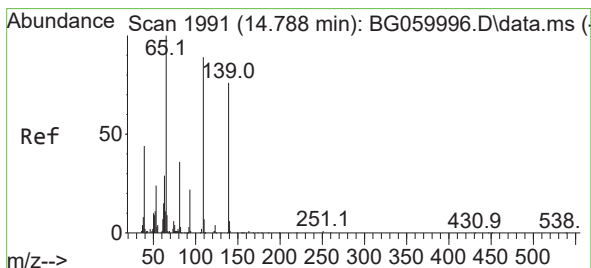
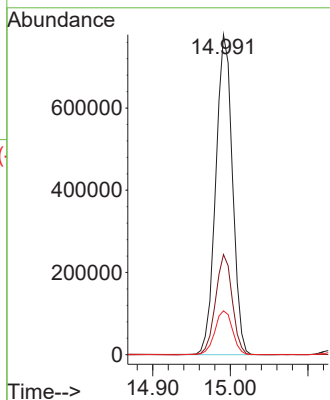
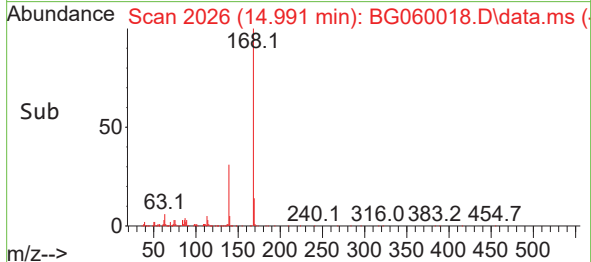
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD



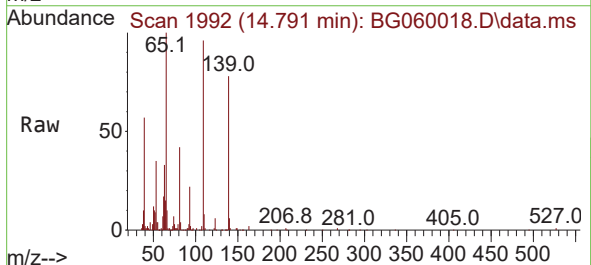
Tgt Ion:168 Resp: 116420
Ion Ratio Lower Upper
168 100
139 31.3 24.0 36.0
169 13.7 11.8 17.8

Manual Integrations
APPROVED

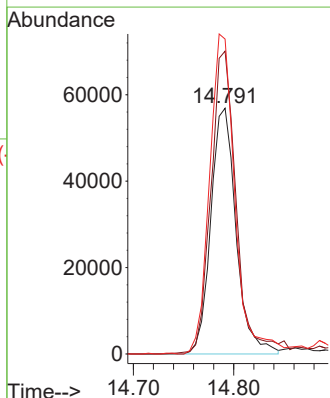
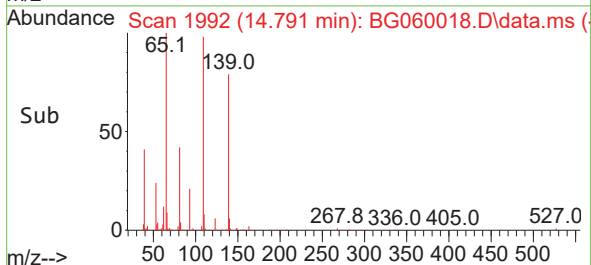
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

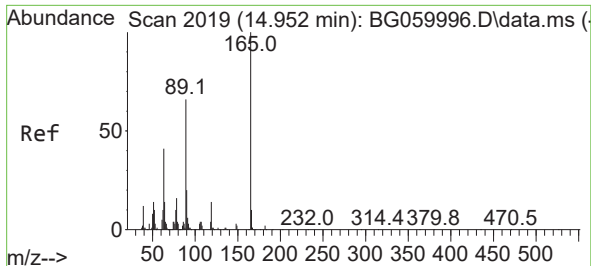


#56
4-Nitrophenol
Concen: 33.440 ng
RT: 14.791 min Scan# 1992
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03



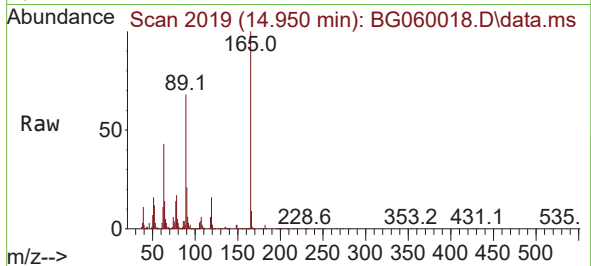
Tgt Ion:139 Resp: 99522
Ion Ratio Lower Upper
139 100
109 123.2 97.2 137.2
65 128.1 112.2 152.2





#57
2,4-Dinitrotoluene
Concen: 40.569 ng
RT: 14.950 min Scan# 2019
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

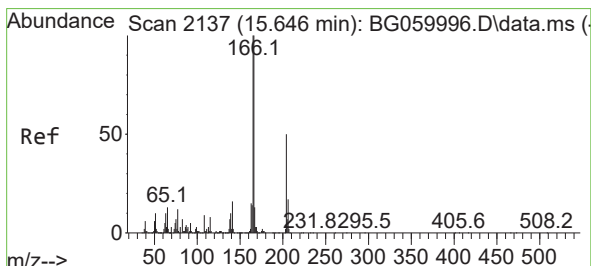
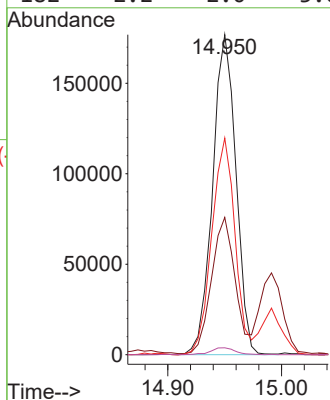
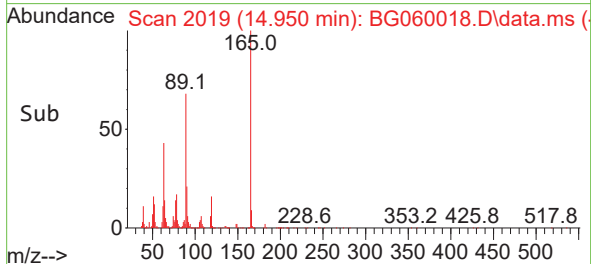
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD



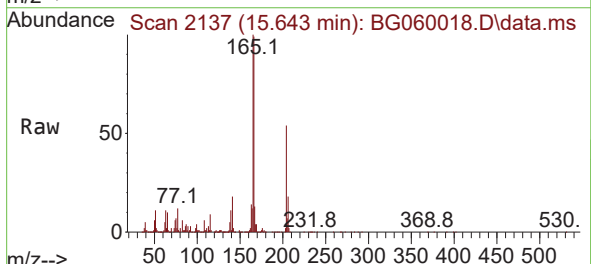
Tgt Ion:165 Resp: 252724
Ion Ratio Lower Upper
165 100
63 42.9 32.8 49.2
89 67.7 53.0 79.6
182 2.2 2.0 3.0

Manual Integrations
APPROVED

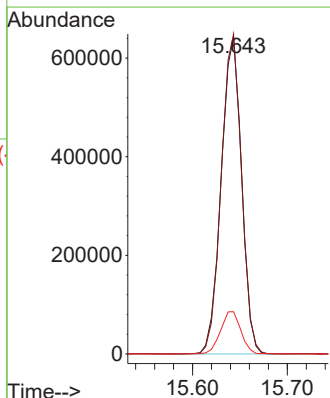
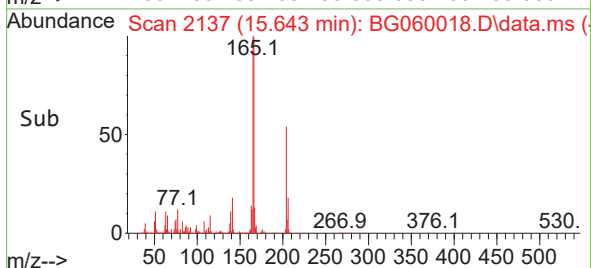
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

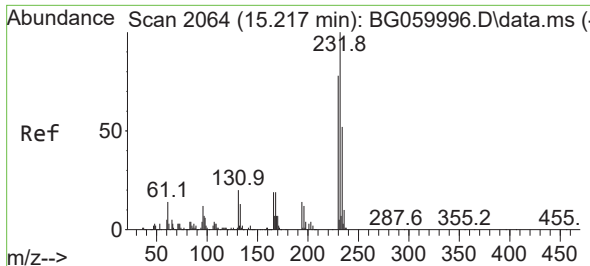


#58
Fluorene
Concen: 42.043 ng
RT: 15.643 min Scan# 2137
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03



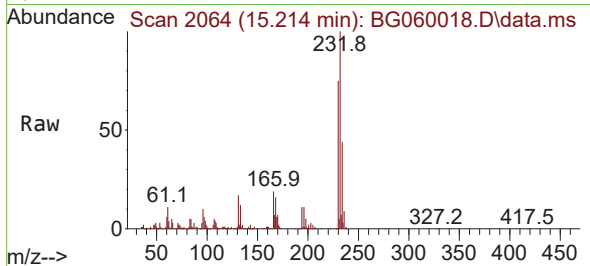
Tgt Ion:166 Resp: 961762
Ion Ratio Lower Upper
166 100
165 101.0 80.2 120.2
167 13.4 10.3 15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 22.155 ng m
RT: 15.214 min Scan# 2064
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

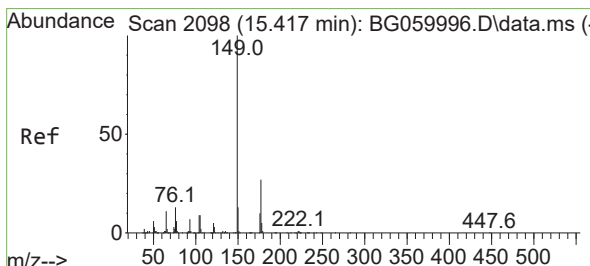
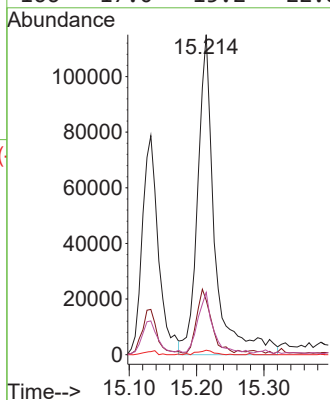
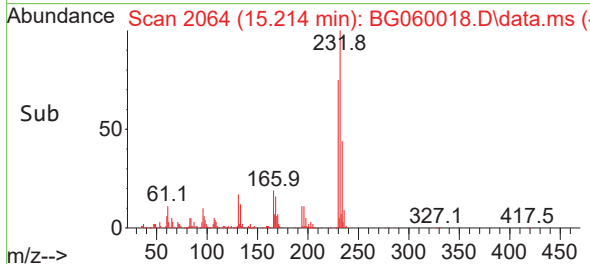
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD



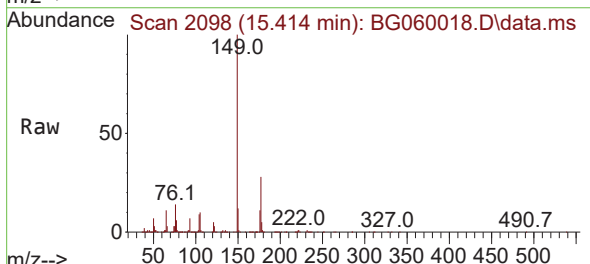
Tgt Ion:232 Resp: 202080
Ion Ratio Lower Upper
232 100
131 17.7 17.6 26.4
130 1.4 1.0 1.6
166 17.0 15.2 22.8

Manual Integrations
APPROVED

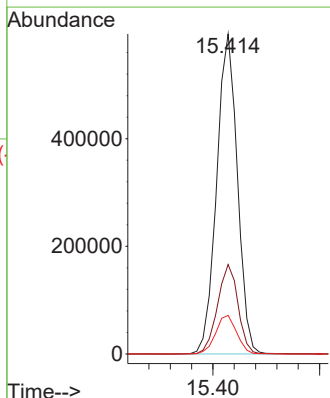
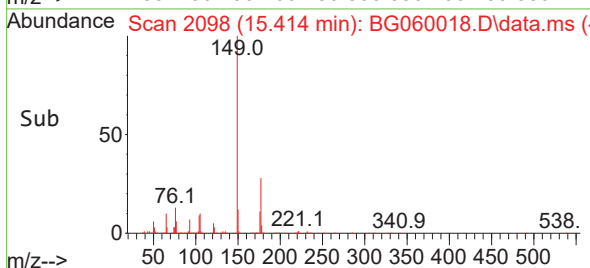
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

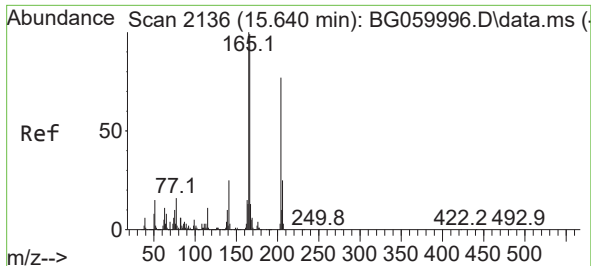


#60
Diethylphthalate
Concen: 40.669 ng
RT: 15.414 min Scan# 2098
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03



Tgt Ion:149 Resp: 800510
Ion Ratio Lower Upper
149 100
177 27.9 21.5 32.3
150 12.1 10.3 15.5





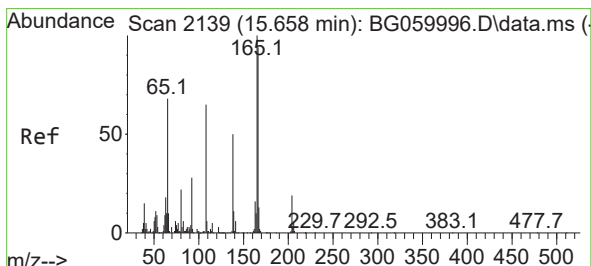
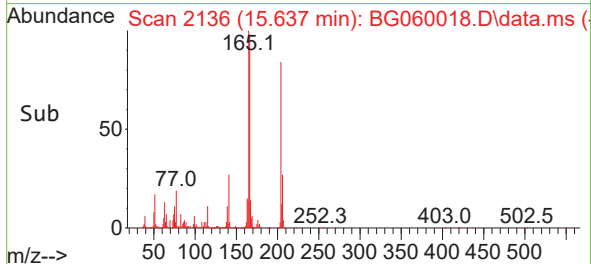
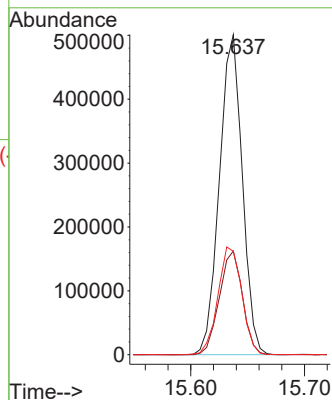
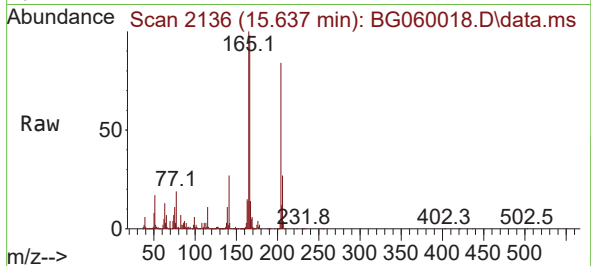
#61
4-Chlorophenyl-phenylether
Concen: 42.549 ng
RT: 15.637 min Scan# 2136
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD

Tgt Ion:204 Resp: 700989
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 32.3 25.6 38.4

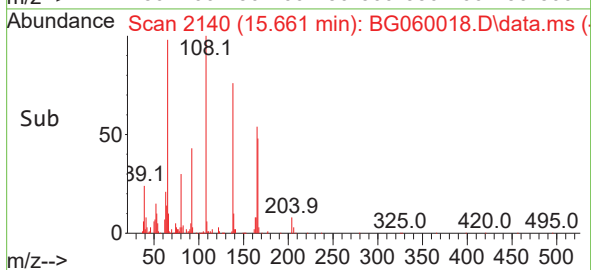
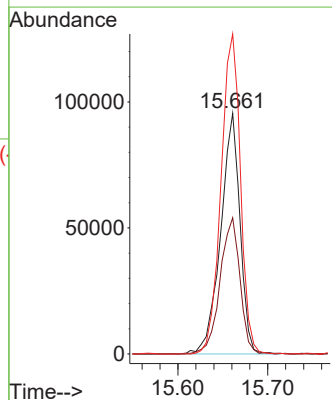
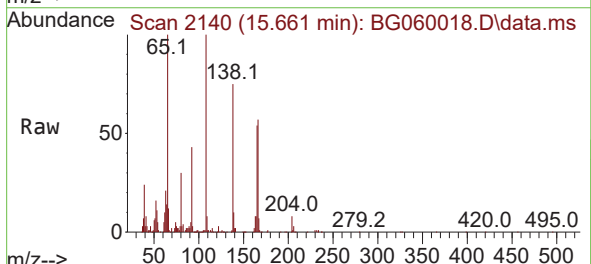
Manual Integrations
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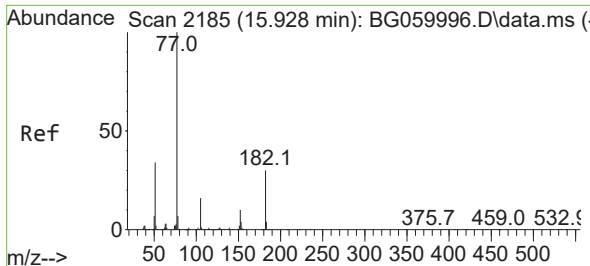
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#62
4-Nitroaniline
Concen: 36.990 ng
RT: 15.661 min Scan# 2140
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

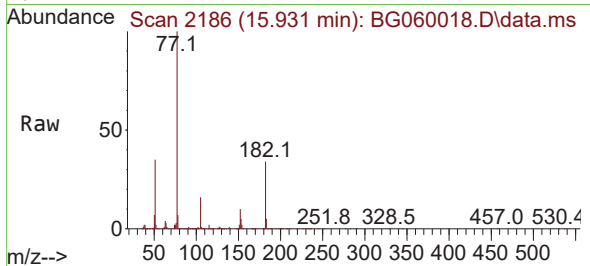
Tgt Ion:138 Resp: 142634
Ion Ratio Lower Upper
138 100
92 56.6 36.3 76.3
108 132.9 109.3 149.3





#63
Azobenzene
Concen: 41.780 ng
RT: 15.931 min Scan# 2185
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

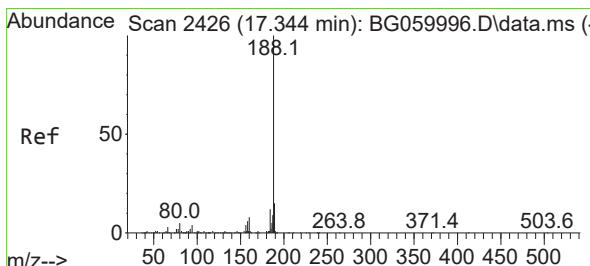
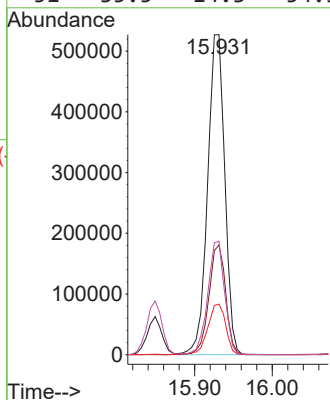
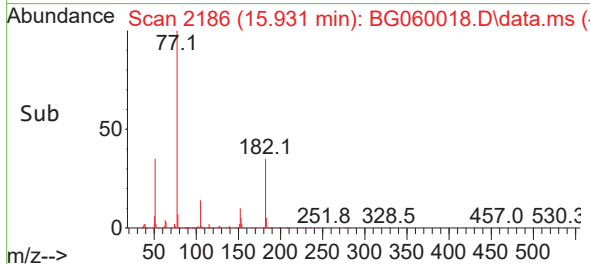
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD



Tgt Ion: 77 Resp: 81081
Ion Ratio Lower Upper
77 100
182 34.3 10.2 50.2
105 15.8 0.0 36.5
51 35.5 14.3 54.3

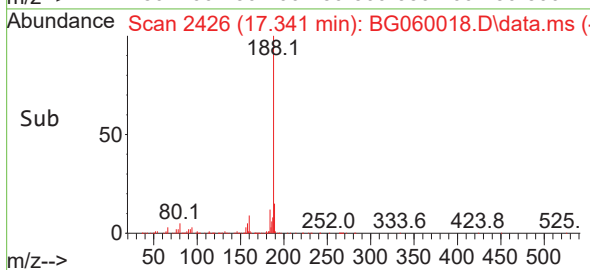
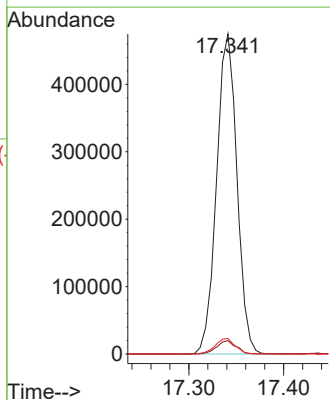
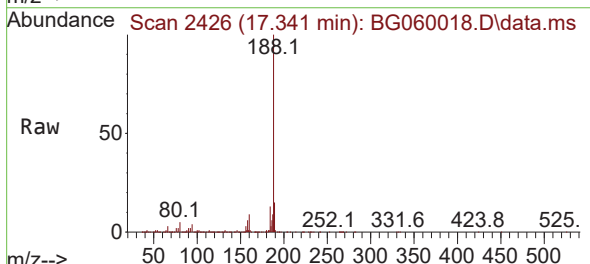
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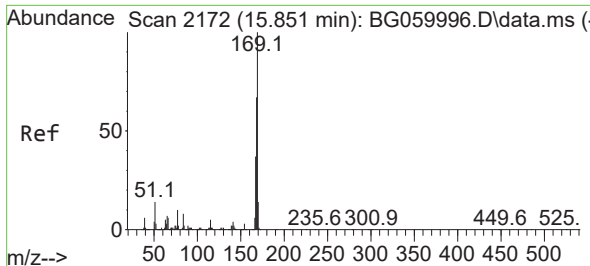
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.341 min Scan# 2426
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

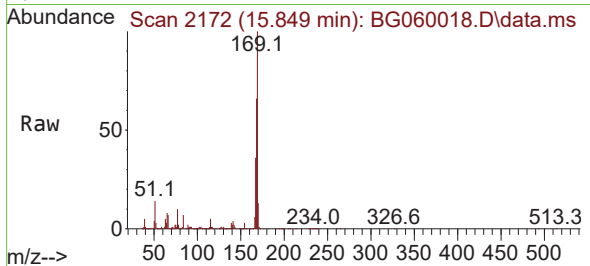
Tgt Ion:188 Resp: 709915
Ion Ratio Lower Upper
188 100
94 4.2 3.0 4.6
80 4.8 4.0 6.0





#66
n-Nitrosodiphenylamine
Concen: 49.293 ng
RT: 15.849 min Scan# 2172
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

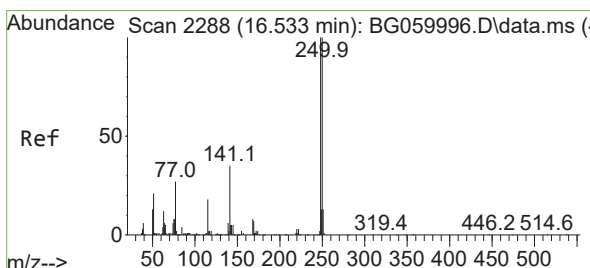
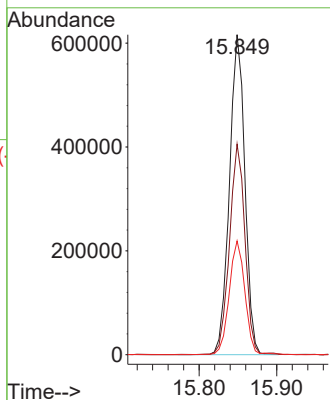
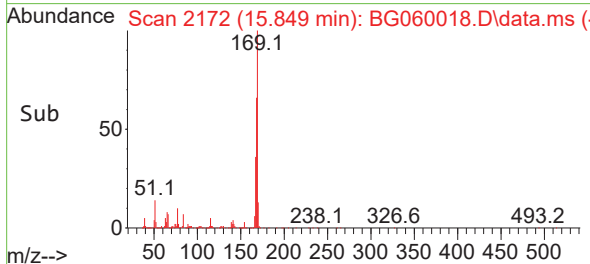
Instrument : BNA_G
ClientSampleId : WC-LIQUID-20231206MSD



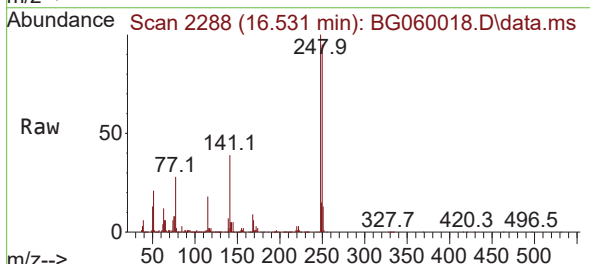
Tgt Ion:169 Resp: 85488
Ion Ratio Lower Upper
169 100
168 65.8 53.4 80.2
167 35.5 30.0 45.0

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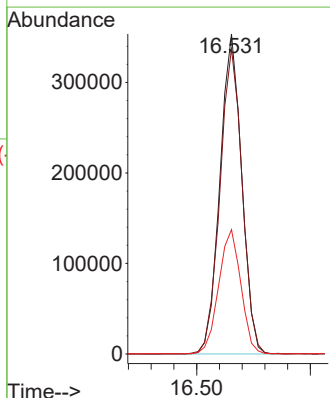
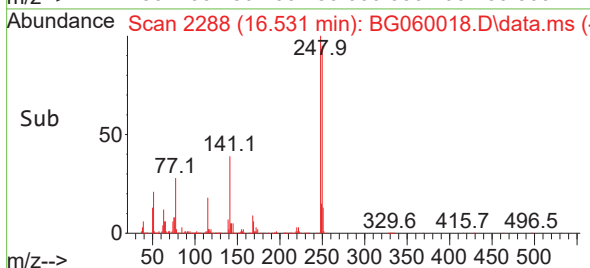
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

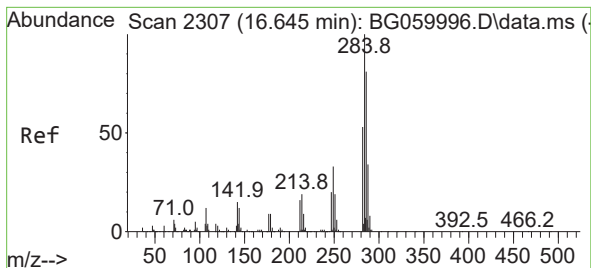


#67
4-Bromophenyl-phenylether
Concen: 46.842 ng
RT: 16.531 min Scan# 2288
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03



Tgt Ion:248 Resp: 469184
Ion Ratio Lower Upper
248 100
250 95.4 79.9 119.9
141 38.8 28.3 42.5





#68

Hexachlorobenzene

Concen: 45.324 ng

RT: 16.642 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG060018.D

Acq: 14 Dec 2023 19:03

Instrument :

BNA_G

ClientSampleId :

WC-LIQUID-20231206MSD

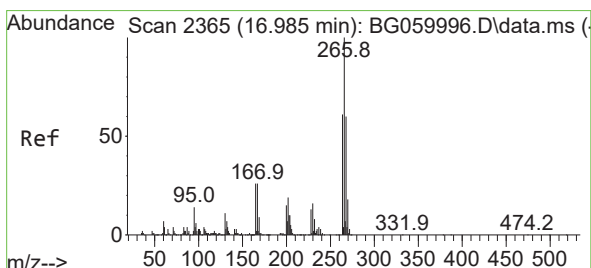
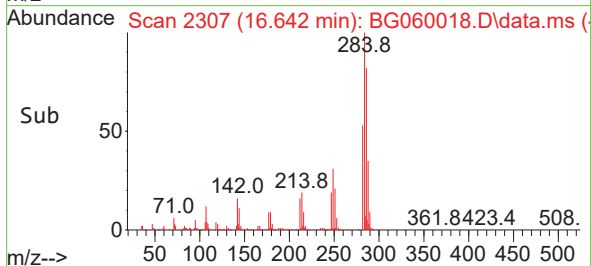
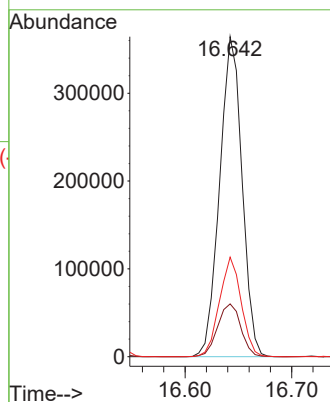
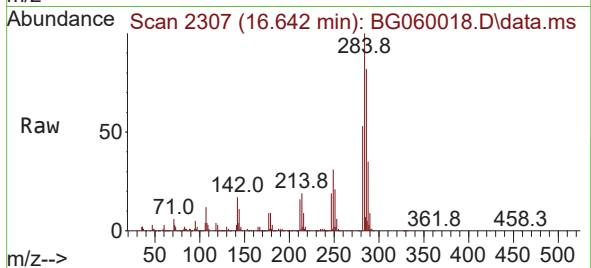
Tgt Ion:284 Resp: 530714
 Ion Ratio Lower Upper
 284 100
 142 16.5 11.7 17.5
 249 31.1 26.1 39.1

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Reviewed By :Yogesh Patel 12/16/2023

Supervised By :mohammad ahmed 12/16/2023



#70

Pentachlorophenol

Concen: 7.028 ng

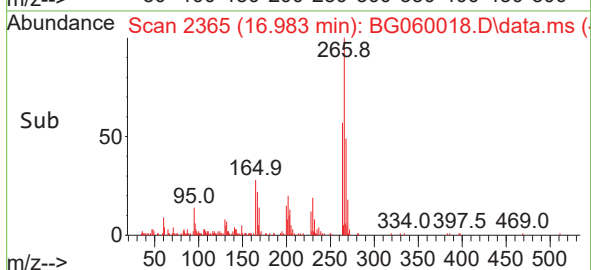
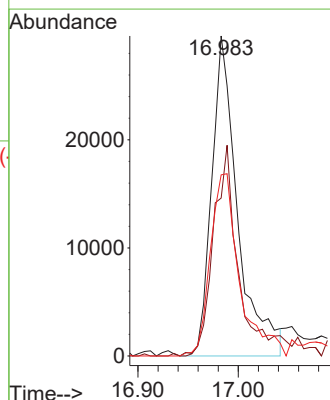
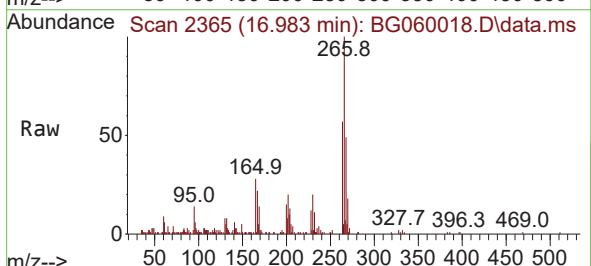
RT: 16.983 min Scan# 2365

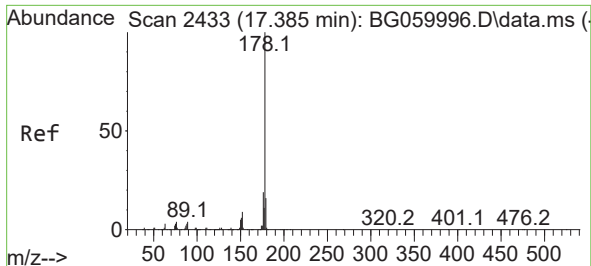
Delta R.T. -0.002 min

Lab File: BG060018.D

Acq: 14 Dec 2023 19:03

Tgt Ion:266 Resp: 53309
 Ion Ratio Lower Upper
 266 100
 268 49.4 47.9 71.9
 264 56.6 48.8 73.2





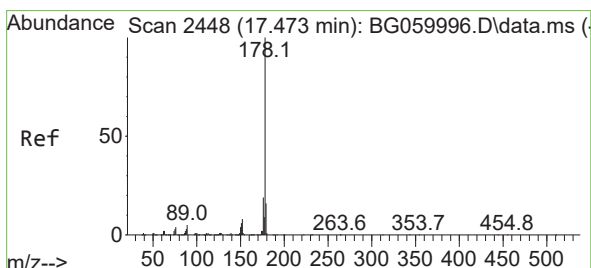
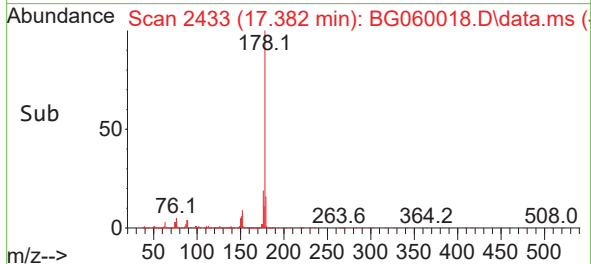
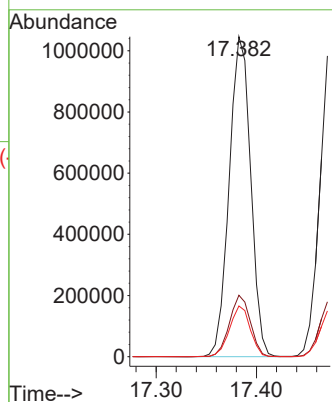
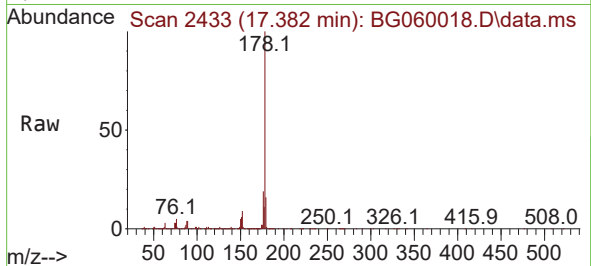
#71
Phenanthrene
Concen: 45.238 ng
RT: 17.382 min Scan# 2433
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD

Tgt Ion:178 Resp: 155556
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.8 12.6 19.0

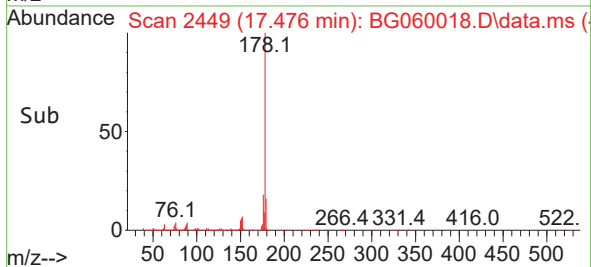
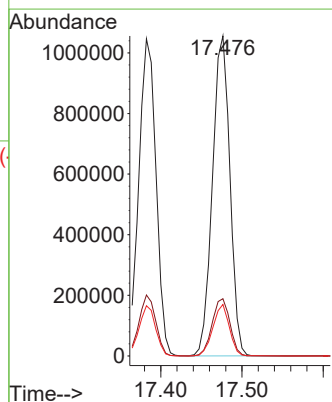
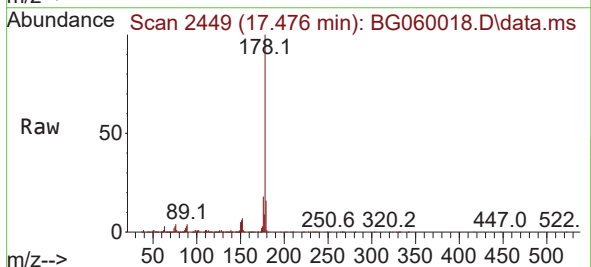
Manual Integrations
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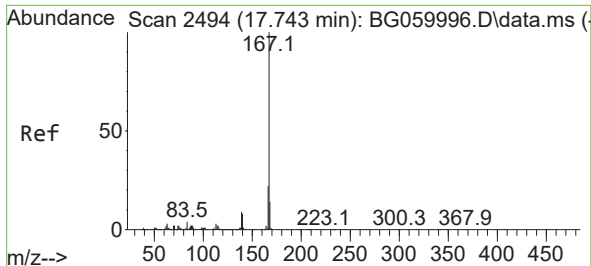
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#72
Anthracene
Concen: 45.582 ng
RT: 17.476 min Scan# 2449
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

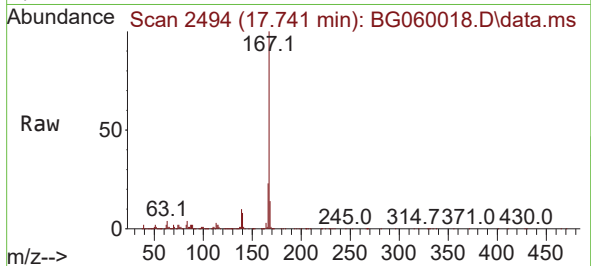
Tgt Ion:178 Resp: 1575932
Ion Ratio Lower Upper
178 100
176 17.9 15.0 22.6
179 16.1 12.6 19.0





#73
 Carbazole
 Concen: 40.056 ng
 RT: 17.741 min Scan# 2494
 Delta R.T. -0.002 min
 Lab File: BG060018.D
 Acq: 14 Dec 2023 19:03

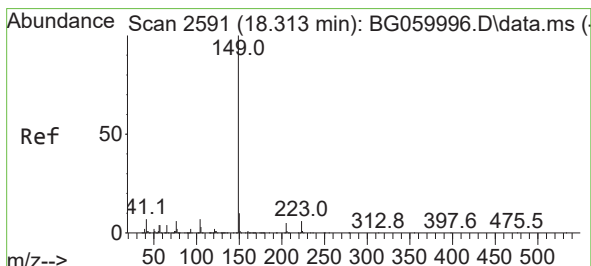
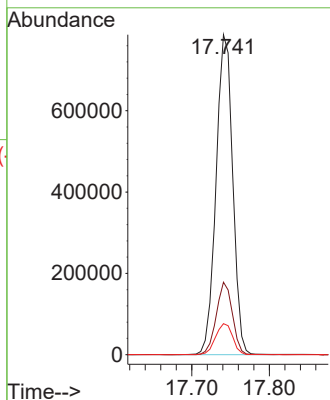
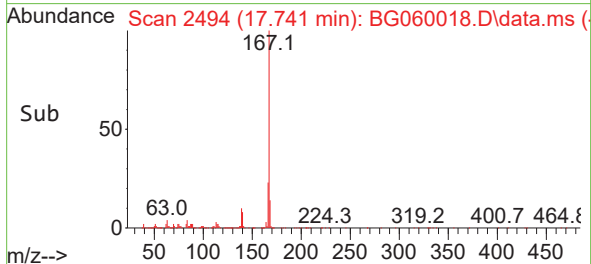
Instrument :
 BNA_G
 ClientSampleId :
 WC-LIQUID-20231206MSD



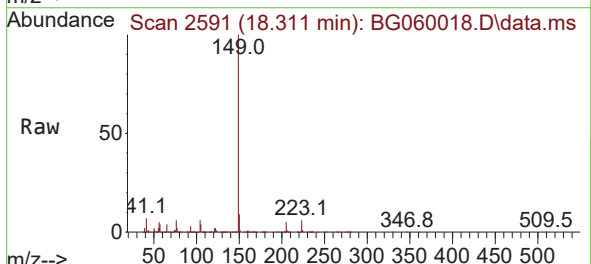
Tgt Ion:167 Resp: 117682
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.4 26.0
 139 9.7 7.5 11.3

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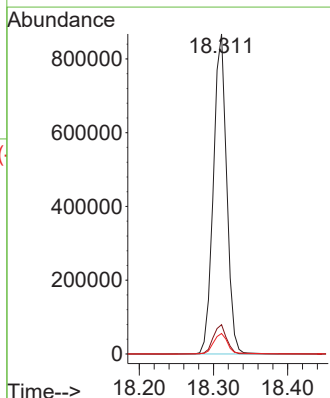
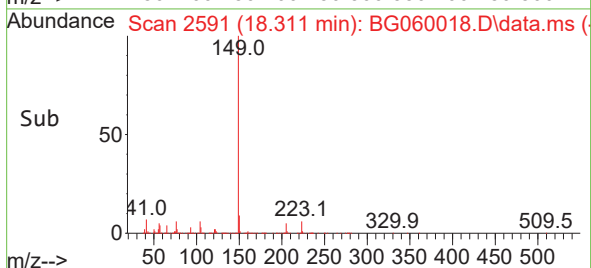
Reviewed By :Yogesh Patel 12/16/2023
 Supervised By :mohammad ahmed 12/16/2023

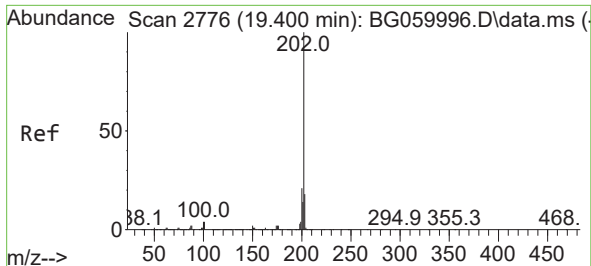


#74
 Di-n-butylphthalate
 Concen: 40.316 ng
 RT: 18.311 min Scan# 2591
 Delta R.T. -0.002 min
 Lab File: BG060018.D
 Acq: 14 Dec 2023 19:03



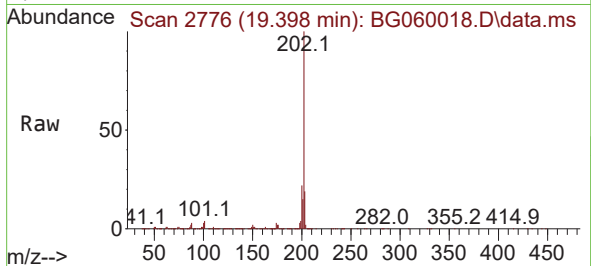
Tgt Ion:149 Resp: 1080531
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.9 11.9
 104 6.4 5.6 8.4





#75
Fluoranthene
Concen: 39.390 ng
RT: 19.398 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

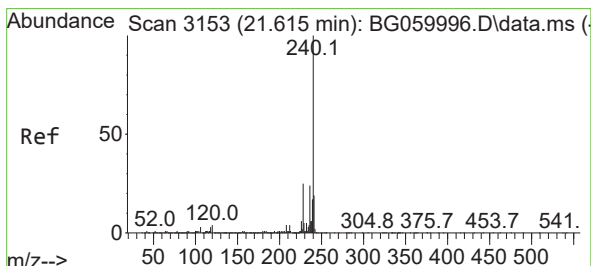
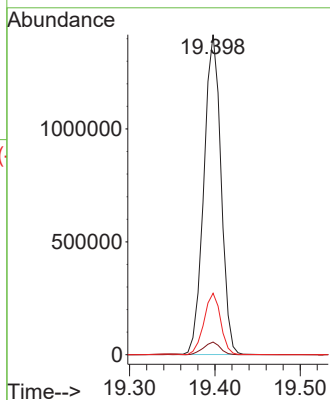
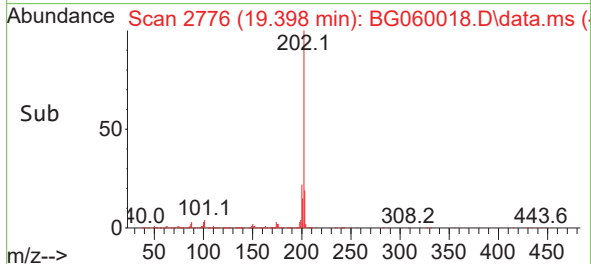
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD



Tgt Ion:202 Resp: 197653
Ion Ratio Lower Upper
202 100
101 4.0 0.0 24.2
203 19.2 0.0 37.6

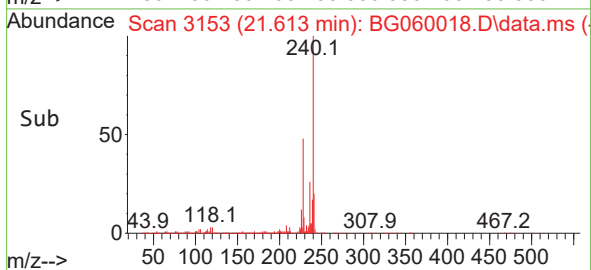
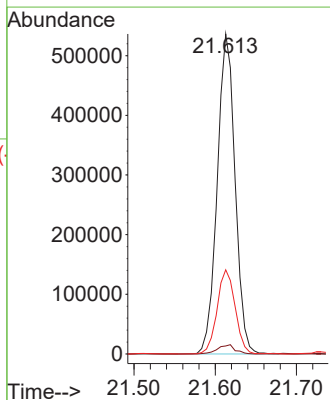
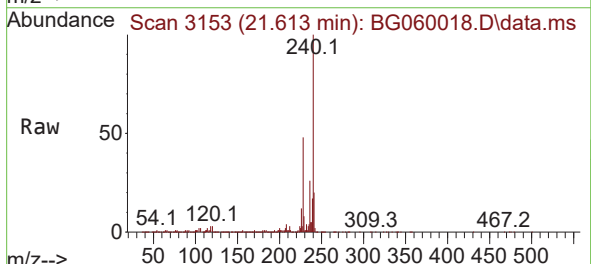
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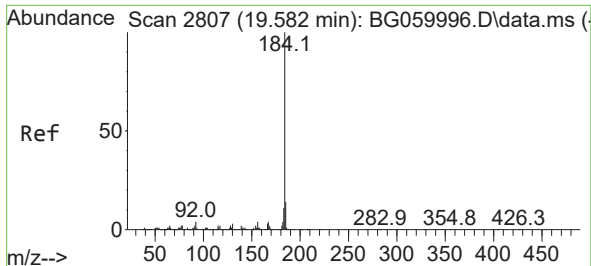
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.613 min Scan# 3153
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

Tgt Ion:240 Resp: 820689
Ion Ratio Lower Upper
240 100
120 2.5 2.9 4.3#
236 26.3 19.4 29.2





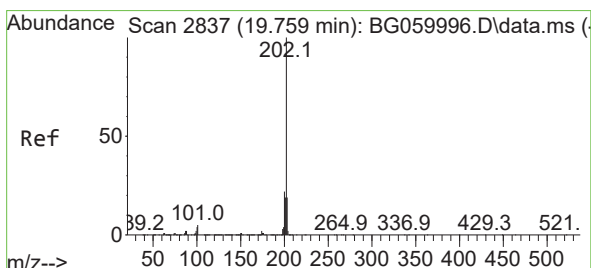
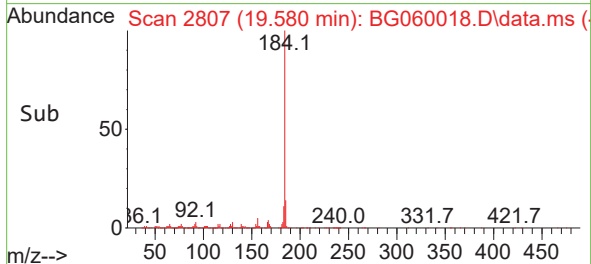
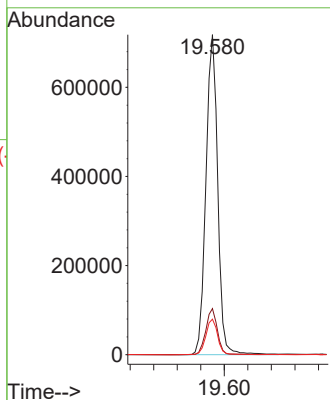
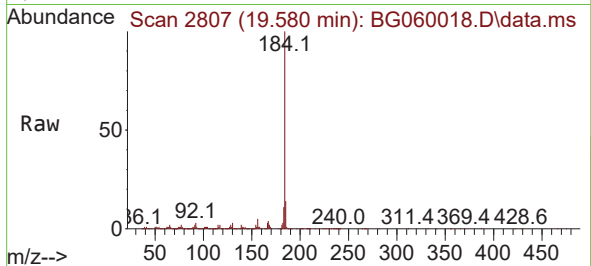
#77
Benzidine
Concen: 94.454 ng
RT: 19.580 min Scan# 2807
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD

Tgt Ion:184 Resp: 99569
Ion Ratio Lower Upper
184 100
185 14.4 11.1 16.7
183 11.1 9.0 13.4

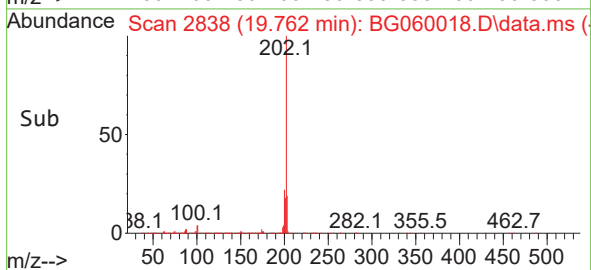
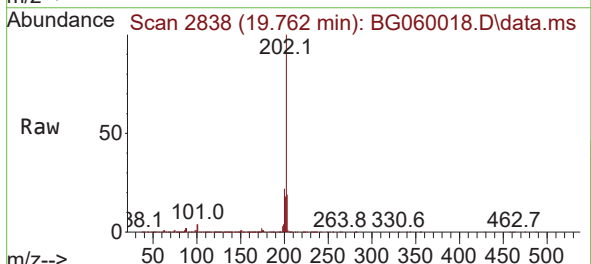
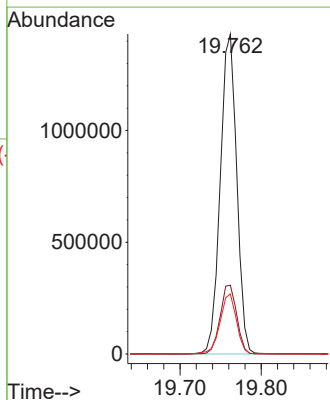
Manual Integrations
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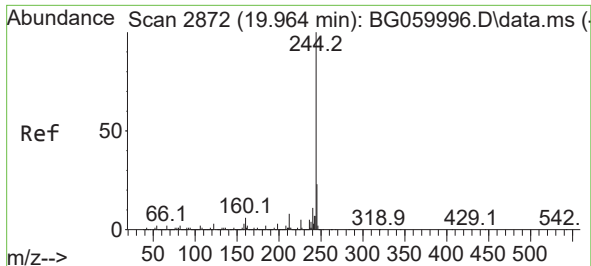
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#78
Pyrene
Concen: 40.548 ng
RT: 19.762 min Scan# 2838
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

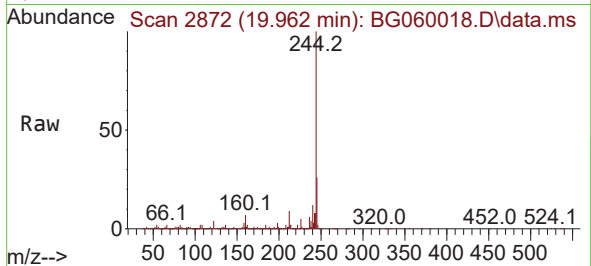
Tgt Ion:202 Resp: 2017243
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 18.8 14.9 22.3





#79
 Terphenyl-d14
 Concen: 80.505 ng
 RT: 19.962 min Scan# 2872
 Delta R.T. -0.002 min
 Lab File: BG060018.D
 Acq: 14 Dec 2023 19:03

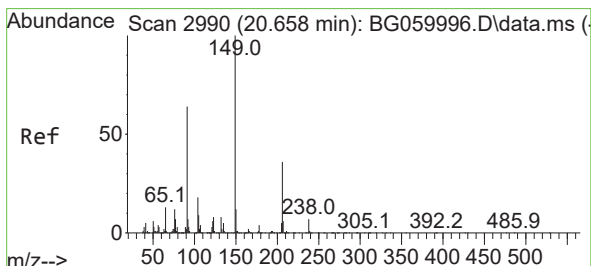
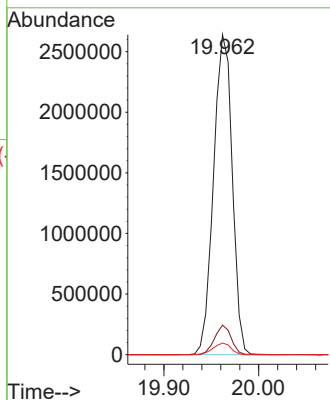
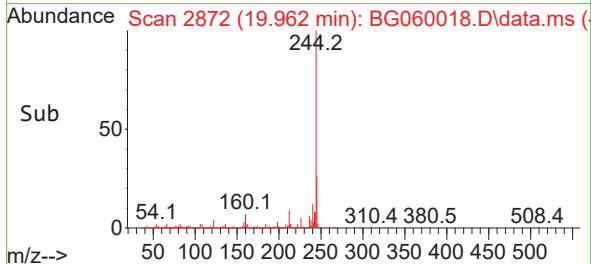
Instrument :
 BNA_G
 ClientSampleId :
 WC-LIQUID-20231206MSD



Tgt Ion:244 Resp: 361883
 Ion Ratio Lower Upper
 244 100
 212 9.2 6.8 10.2
 122 3.7 2.6 3.8

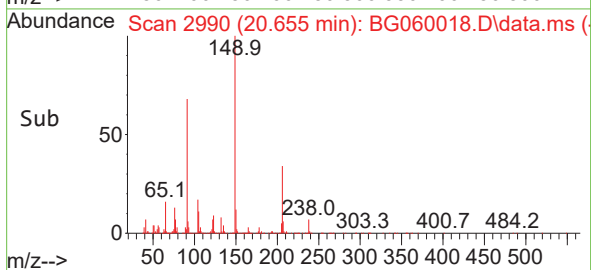
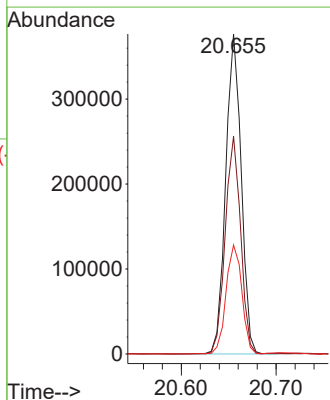
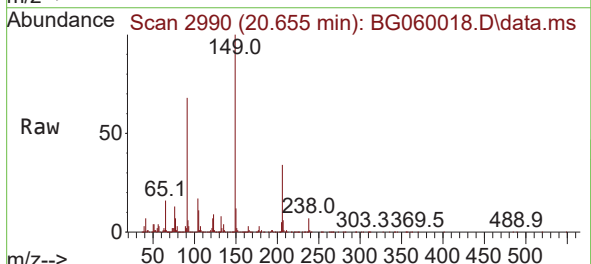
Manual Integrations
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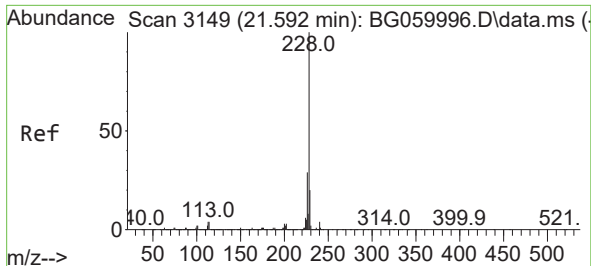
Reviewed By :Yogesh Patel 12/16/2023
 Supervised By :mohammad ahmed 12/16/2023



#80
 Butylbenzylphthalate
 Concen: 47.820 ng
 RT: 20.655 min Scan# 2990
 Delta R.T. -0.002 min
 Lab File: BG060018.D
 Acq: 14 Dec 2023 19:03

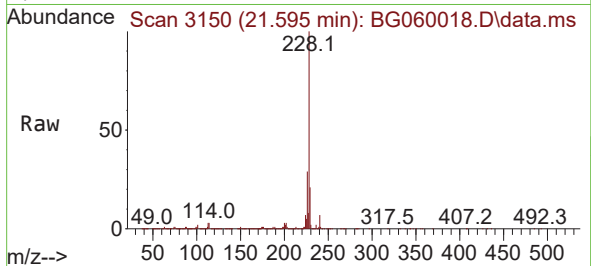
Tgt Ion:149 Resp: 427268
 Ion Ratio Lower Upper
 149 100
 91 68.1 51.3 76.9
 206 34.0 28.8 43.2





#81
Benzo(a)anthracene
Concen: 44.605 ng
RT: 21.595 min Scan# 3149
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

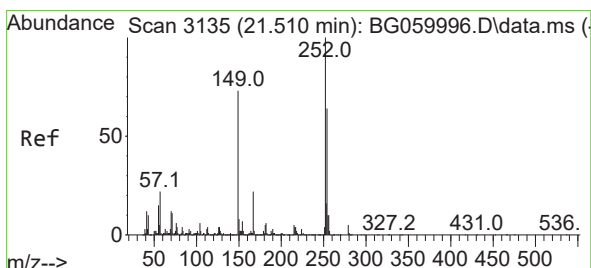
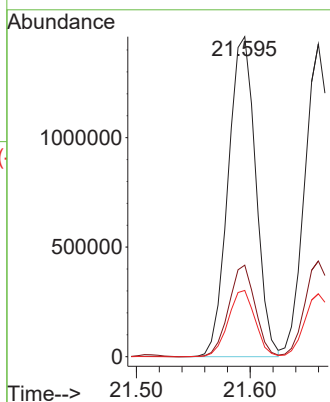
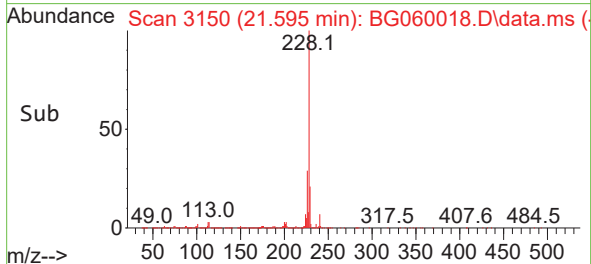
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD



Tgt Ion:228 Resp: 2458970
Ion Ratio Lower Upper
228 100
226 28.6 22.9 34.3
229 20.7 16.2 24.2

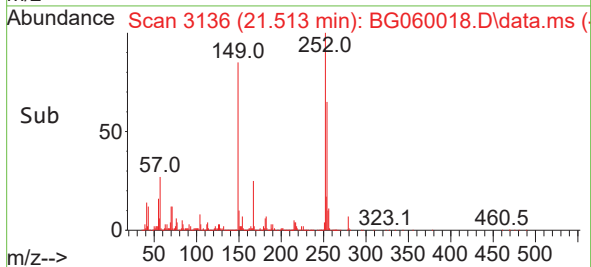
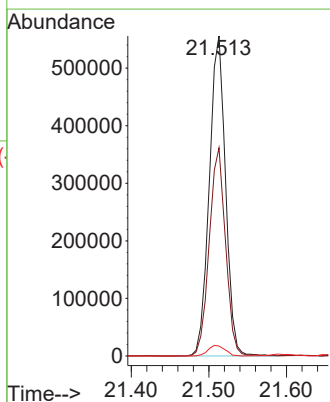
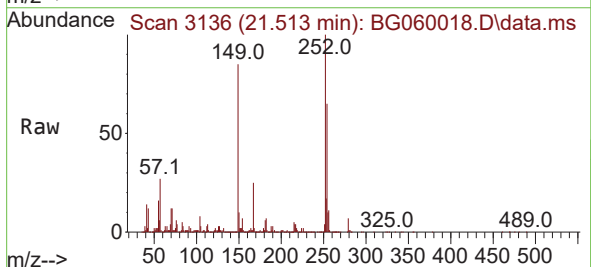
Manual Integrations
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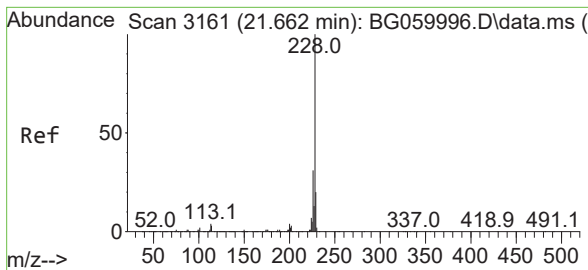
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#82
3,3'-Dichlorobenzidine
Concen: 44.565 ng
RT: 21.513 min Scan# 3136
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

Tgt Ion:252 Resp: 808426
Ion Ratio Lower Upper
252 100
254 65.1 51.0 76.4
126 3.1 3.0 4.4





#83

Chrysene

Concen: 42.706 ng

RT: 21.660 min Scan# 3161

Delta R.T. -0.002 min

Lab File: BG060018.D

Acq: 14 Dec 2023 19:03

Instrument :

BNA_G

ClientSampleId :

WC-LIQUID-20231206MSD

Tgt Ion:228 Resp: 223045

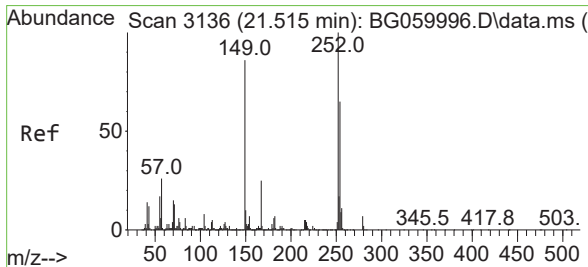
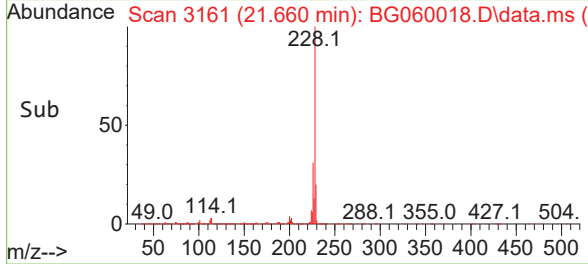
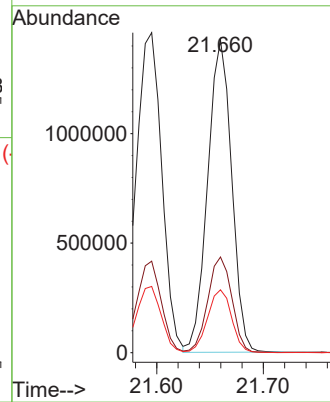
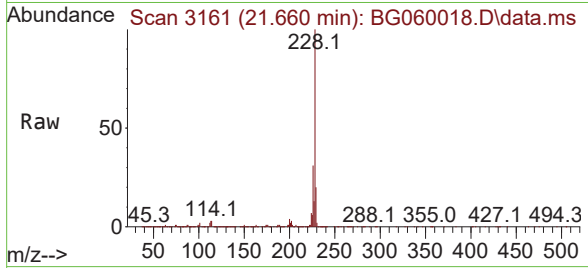
Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.1	16.2	24.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/16/2023

Supervised By :mohammad ahmed 12/16/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.343 ng

RT: 21.513 min Scan# 3136

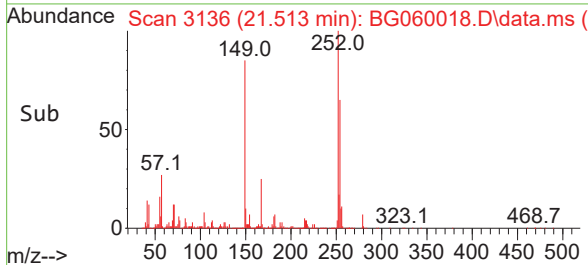
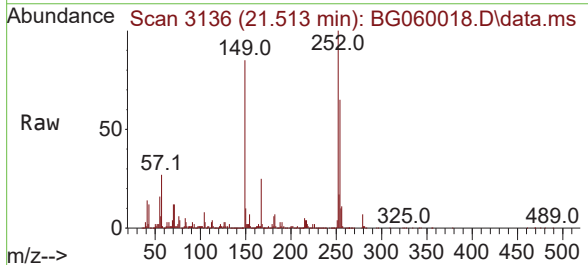
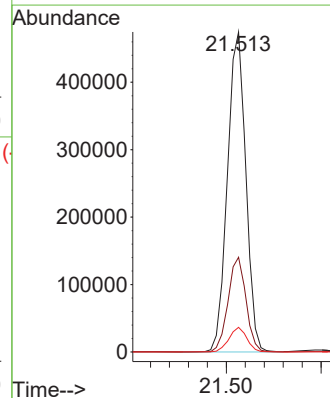
Delta R.T. -0.002 min

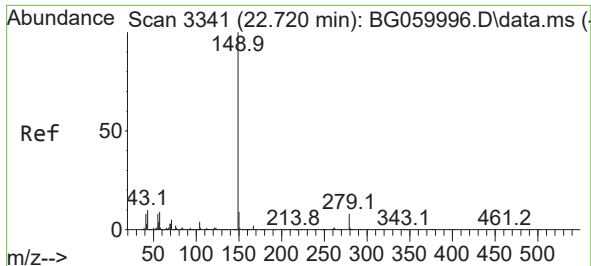
Lab File: BG060018.D

Acq: 14 Dec 2023 19:03

Tgt Ion:149 Resp: 641153

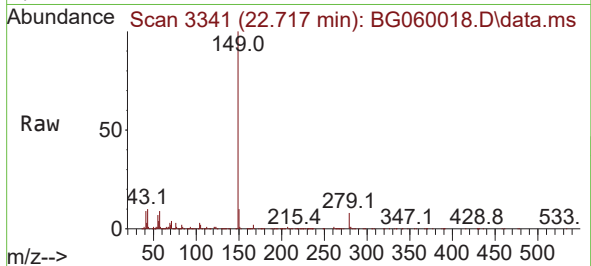
Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.0	34.6
279	7.7	6.2	9.2





#85
Di-n-octyl phthalate
Concen: 48.285 ng
RT: 22.717 min Scan# 311
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

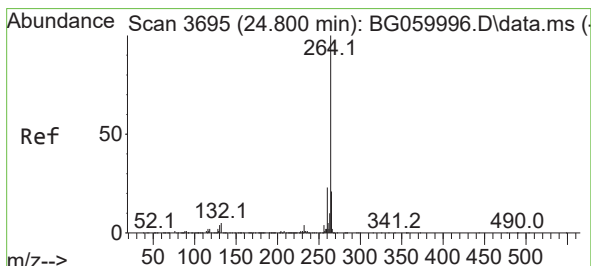
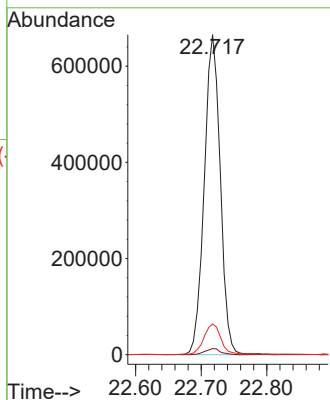
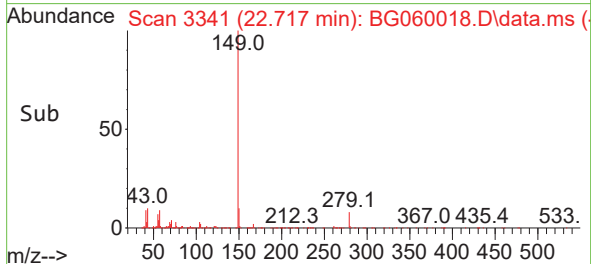
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD



Tgt Ion:149 Resp: 1131104
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.2
43 10.3 8.3 12.5

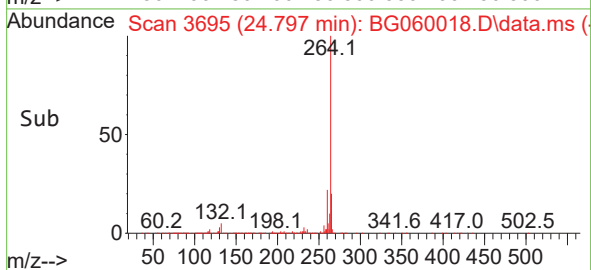
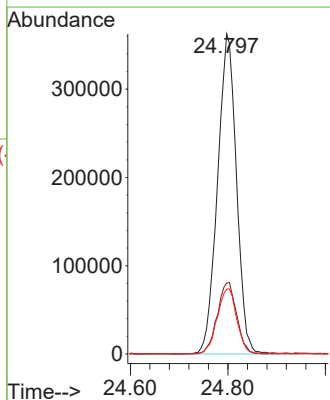
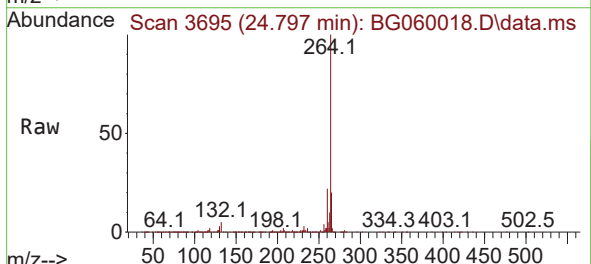
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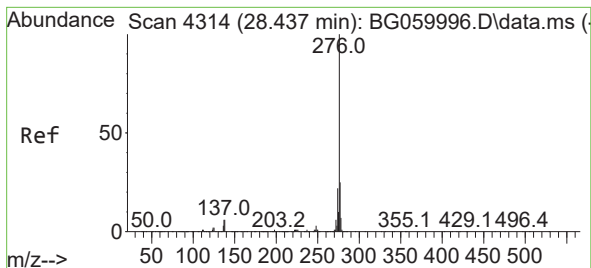
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.797 min Scan# 3695
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

Tgt Ion:264 Resp: 979232
Ion Ratio Lower Upper
264 100
260 22.1 18.5 27.7
265 20.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.021 ng

RT: 28.434 min Scan# 4314

Delta R.T. -0.002 min

Lab File: BG060018.D

Acq: 14 Dec 2023 19:03

Instrument :

BNA_G

ClientSampleId :

WC-LIQUID-20231206MSD

Tgt Ion:276 Resp: 307642

Ion Ratio Lower Upper

276 100

138 5.4 4.7 7.1

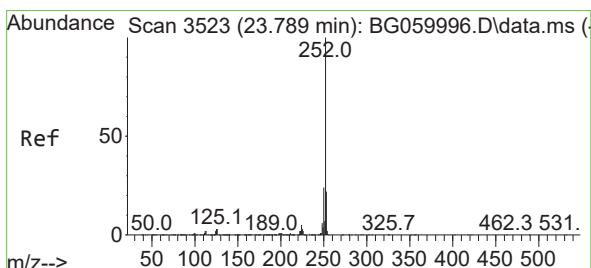
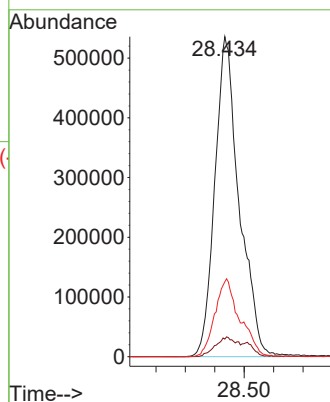
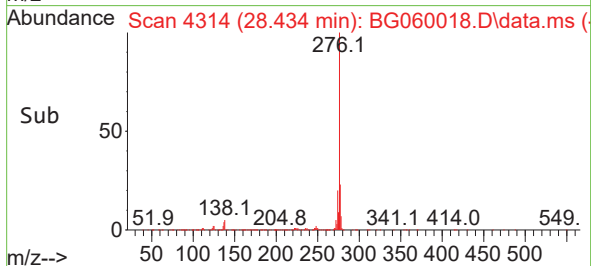
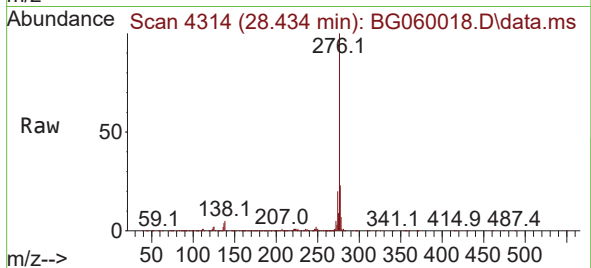
277 24.9 20.0 30.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/16/2023

Supervised By :mohammad ahmed 12/16/2023



#88

Benzo(b)fluoranthene

Concen: 41.417 ng

RT: 23.787 min Scan# 3523

Delta R.T. -0.002 min

Lab File: BG060018.D

Acq: 14 Dec 2023 19:03

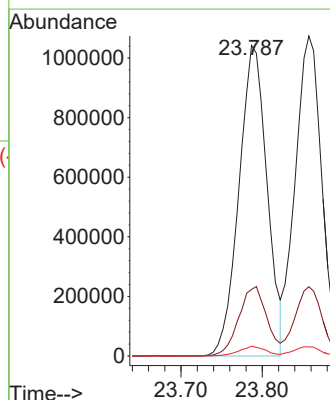
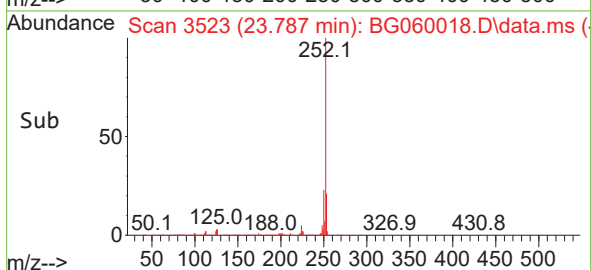
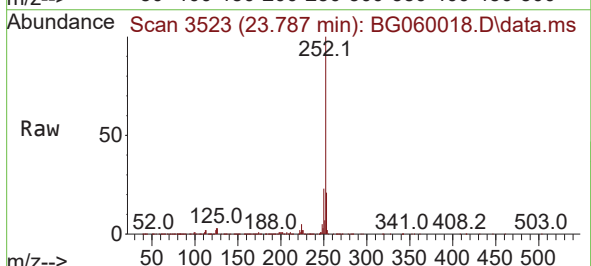
Tgt Ion:252 Resp: 2504786

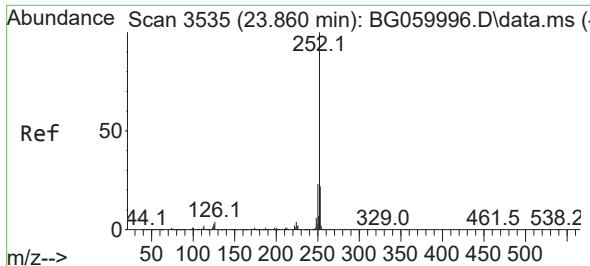
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 3.1 2.6 4.0





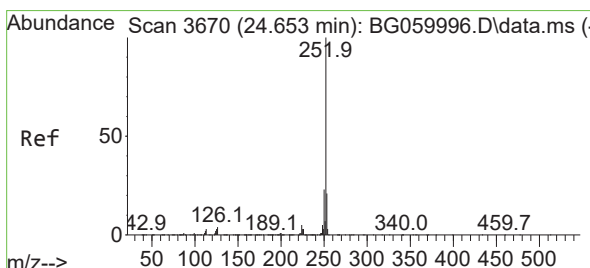
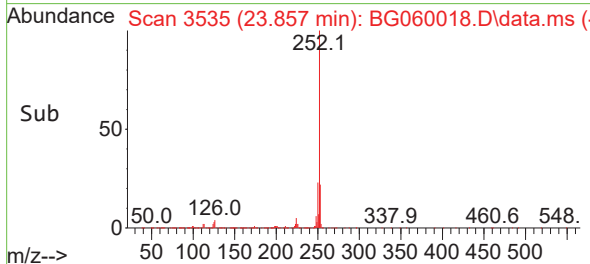
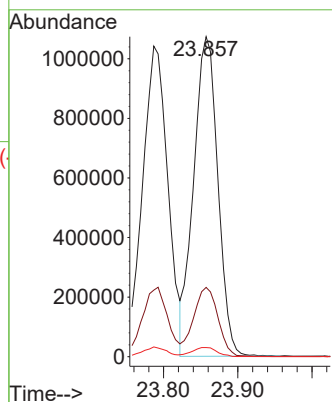
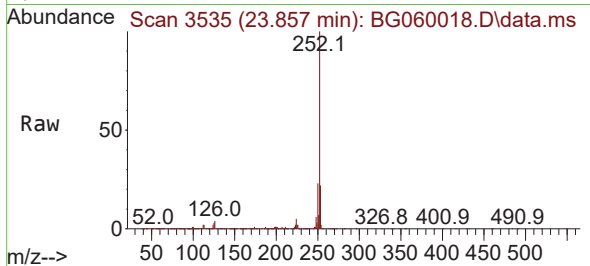
#89
Benzo(k)fluoranthene
Concen: 41.476 ng
RT: 23.857 min Scan# 3535
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD

Tgt Ion:252 Resp: 243306
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 2.9 2.5 3.7

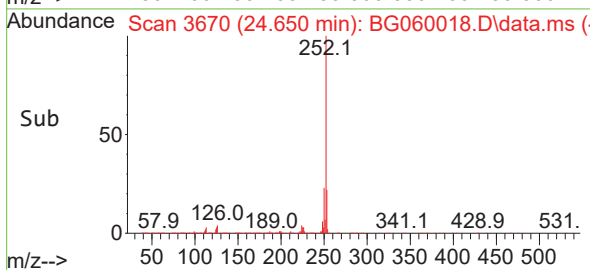
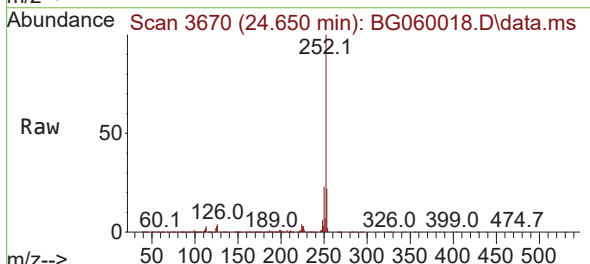
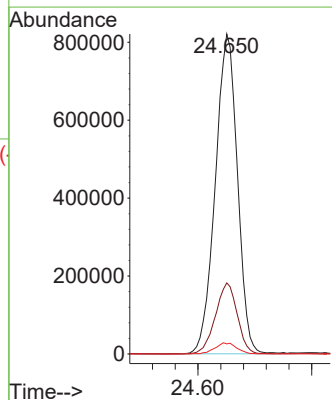
Manual Integrations
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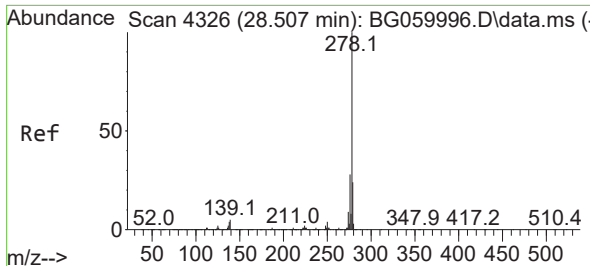
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#90
Benzo(a)pyrene
Concen: 41.436 ng
RT: 24.650 min Scan# 3670
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

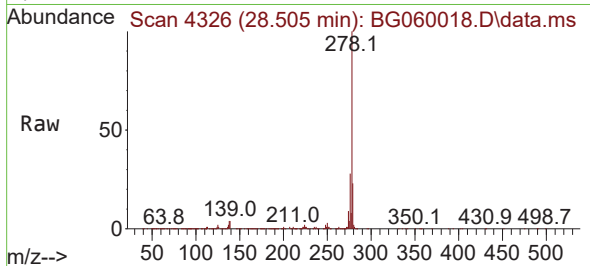
Tgt Ion:252 Resp: 2220191
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 3.2 2.6 4.0





#91
Dibenzo(a,h)anthracene
Concen: 44.831 ng
RT: 28.505 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

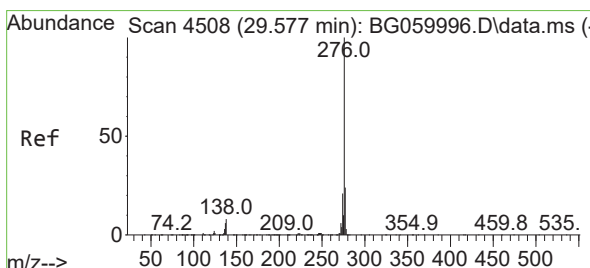
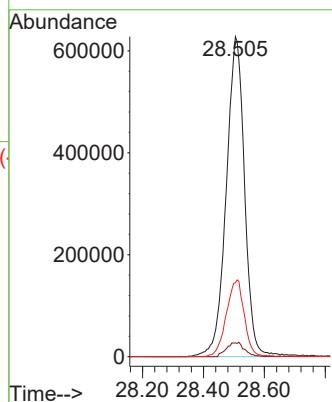
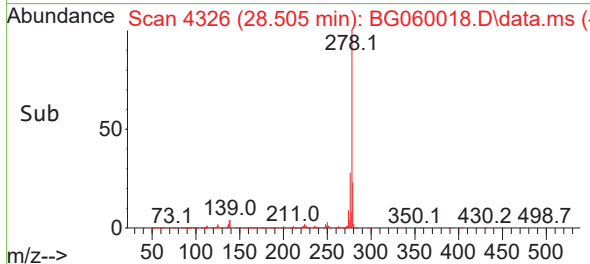
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD



Tgt Ion:278 Resp: 261987
Ion Ratio Lower Upper
278 100
139 4.3 4.4 6.6
279 23.1 19.4 29.2

Manual Integrations
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Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#92
Benzo(g,h,i)perylene
Concen: 41.645 ng
RT: 29.580 min Scan# 4509
Delta R.T. 0.003 min
Lab File: BG060018.D
Acq: 14 Dec 2023 19:03

Tgt Ion:276 Resp: 2420786
Ion Ratio Lower Upper
276 100
277 22.7 19.4 29.2
138 6.9 6.0 9.0

