

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
 Data File : BG058648.D
 Acq On : 8 Aug 2023 18:32
 Operator : MA/JU
 Sample : PB154550BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154550BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

Quant Time: Aug 09 04:12:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	38933	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	180458	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	148698	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	388728	20.000	ng	0.00
76) Chrysene-d12	21.449	240	351578	20.000	ng	0.00
86) Perylene-d12	24.522	264	422418	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	31041	12.186	ng	0.00
7) Phenol-d6	6.983	99	45364	12.799	ng	0.00
23) Nitrobenzene-d5	8.975	82	26997	7.349	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	26731	10.968	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	75450	7.604	ng	0.00
79) Terphenyl-d14	19.821	244	154046	8.240	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	4889	3.961	ng	# 83
3) Pyridine	3.675	79	9973	2.964	ng	# 91
4) n-Nitrosodimethylamine	3.587	42	5607	3.932	ng	# 94
6) Aniline	7.136	93	13742	3.149	ng	# 95
8) 2-Chlorophenol	7.377	128	11322	4.531	ng	96
9) Benzaldehyde	6.954	77	6898	3.582	ng	99
10) Phenol	7.013	94	16076	4.643	ng	94
11) bis(2-Chloroethyl)ether	7.236	93	11871	4.349	ng	93
12) 1,3-Dichlorobenzene	7.700	146	11588	4.343	ng	96
13) 1,4-Dichlorobenzene	7.847	146	11540	4.307	ng	92
14) 1,2-Dichlorobenzene	8.164	146	11445	4.468	ng	95
15) Benzyl Alcohol	8.059	79	9269	4.124	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.335	45	19611	4.423	ng	97
17) 2-Methylphenol	8.264	107	10979	4.337	ng	94
18) Hexachloroethane	8.887	117	3994	4.101	ng	92
19) n-Nitroso-di-n-propyla...	8.617	70	9749	4.258	ng	# 96
20) 3+4-Methylphenols	8.593	107	14701	4.293	ng	97
22) Acetophenone	8.640	105	17964	3.718	ng	# 96
24) Nitrobenzene	9.022	77	13759	3.684	ng	88
25) Isophorone	9.533	82	28474	3.752	ng	97
26) 2-Nitrophenol	9.733	139	5362	3.298	ng	87
27) 2,4-Dimethylphenol	9.798	122	10682	3.961	ng	93
28) bis(2-Chloroethoxy)met...	10.027	93	15678	3.796	ng	# 95
29) 2,4-Dichlorophenol	10.285	162	10904	3.895	ng	96
30) 1,2,4-Trichlorobenzene	10.479	180	12708	3.936	ng	98
31) Naphthalene	10.661	128	38646	4.063	ng	97
32) Benzoic acid	9.950	122	5673m	7.056	ng	
33) 4-Chloroaniline	10.797	127	11471	2.855	ng	# 93
34) Hexachlorobutadiene	10.943	225	7992	3.844	ng	93
35) Caprolactam	11.531	113	3545	3.429	ng	88
36) 4-Chloro-3-methylphenol	11.919	107	14440	4.169	ng	91
37) 2-Methylnaphthalene	12.283	142	26966	3.964	ng	94
38) 1-Methylnaphthalene	12.500	142	26234	4.056	ng	97
40) 1,2,4,5-Tetrachloroben...	12.647	216	16179	3.544	ng	99
41) Hexachlorocyclopentadiene	12.624	237	4734	8.855	ng	94
43) 2,4,6-Trichlorophenol	12.900	196	11166	3.556	ng	96

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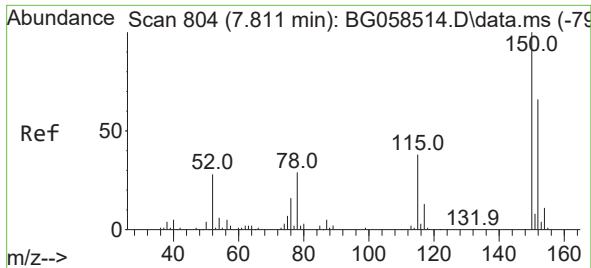
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.976	196	13536	3.660	ng	91
46) 1,1'-Biphenyl	13.294	154	37941	3.715	ng	97
47) 2-Chloronaphthalene	13.335	162	30279	3.803	ng	94
48) 2-Nitroaniline	13.546	65	9914	3.262	ng	92
49) Acenaphthylene	14.181	152	53422	4.007	ng	96
50) Dimethylphthalate	13.911	163	43997	3.940	ng	100
51) 2,6-Dinitrotoluene	14.040	165	8609	3.513	ng	92
52) Acenaphthene	14.522	154	30440	3.952	ng	97
53) 3-Nitroaniline	14.381	138	7386m	3.013	ng	
54) 2,4-Dinitrophenol	14.616	184	1570	8.515	ng	90
55) Dibenzofuran	14.856	168	54586	4.124	ng	99
56) 4-Nitrophenol	14.721	139	8279m	7.693	ng	
57) 2,4-Dinitrotoluene	14.833	165	13016	3.831	ng	# 93
58) Fluorene	15.509	166	44609	4.243	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.091	232	11450	3.628	ng	# 98
60) Diethylphthalate	15.274	149	46712	4.106	ng	98
61) 4-Chlorophenyl-phenyle...	15.497	204	23408	3.993	ng	97
62) 4-Nitroaniline	15.544	138	6804	2.930	ng	88
63) Azobenzene	15.791	77	44934	4.010	ng	99
65) 4,6-Dinitro-2-methylph...	15.609	198	4153	1.938	ng	95
66) n-Nitrosodiphenylamine	15.714	169	38362	3.792	ng	98
67) 4-Bromophenyl-phenylether	16.396	248	15980	3.624	ng	95
68) Hexachlorobenzene	16.513	284	18302	3.917	ng	99
69) Atrazine	16.660	200	15279	4.474	ng	95
70) Pentachlorophenol	16.878	266	10980m	3.883	ng	
71) Phenanthrene	17.248	178	75925	4.118	ng	98
72) Anthracene	17.336	178	72930	3.855	ng	97
73) Carbazole	17.618	167	66589	3.992	ng	96
74) Di-n-butylphthalate	18.164	149	78645	3.764	ng	98
75) Fluoranthene	19.263	202	89038	4.021	ng	98
77) Benzidine	19.463	184	30333	5.690	ng	97
78) Pyrene	19.627	202	91539	3.826	ng	97
80) Butylbenzylphthalate	20.515	149	35261	3.588	ng	95
81) Benzo(a)anthracene	21.431	228	94029	3.886	ng	98
82) 3,3'-Dichlorobenzidine	21.361	252	28350	3.466	ng	97
83) Chrysene	21.490	228	86752	3.740	ng	98
84) Bis(2-ethylhexyl)phtha...	21.331	149	52848	3.680	ng	98
85) Di-n-octyl phthalate	22.483	149	90377	3.579	ng	99
87) Indeno(1,2,3-cd)pyrene	28.017	276	102065m	3.632	ng	
88) Benzo(b)fluoranthene	23.540	252	89873	3.923	ng	98
89) Benzo(k)fluoranthene	23.611	252	91226	3.964	ng	99
90) Benzo(a)pyrene	24.375	252	80395	3.573	ng	96
91) Dibenzo(a,h)anthracene	28.070	278	74993	3.227	ng	98
92) Benzo(g,h,i)perylene	29.110	276	82262m	3.530	ng	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

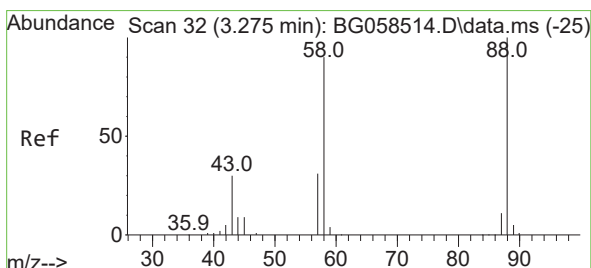
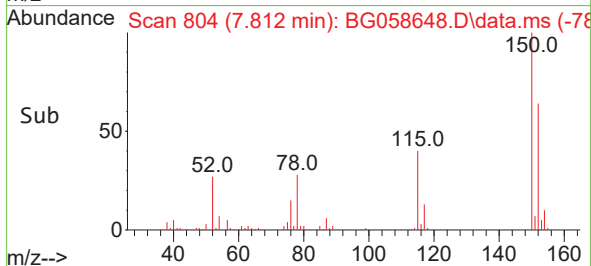
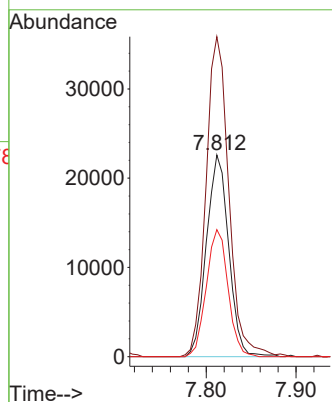
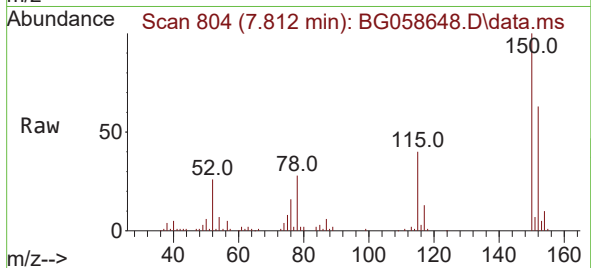
PB154550BS

Tgt Ion:152 Resp: 3893
Ion Ratio Lower Upper
152 100
150 158.5 120.5 180.7
115 63.0 45.9 68.9

Manual Integrations

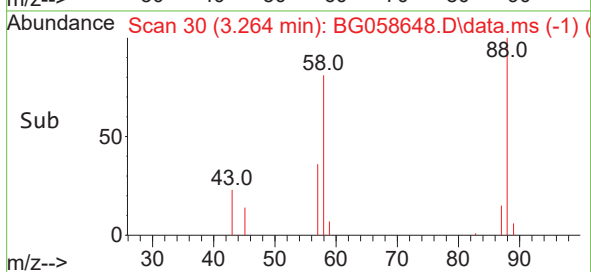
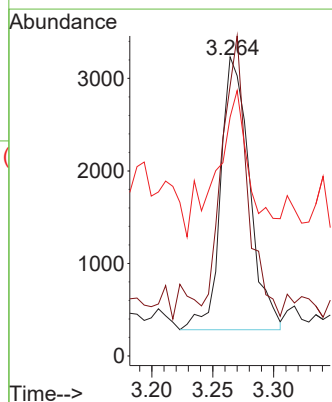
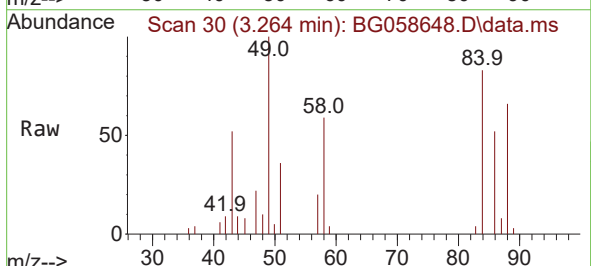
APPROVED

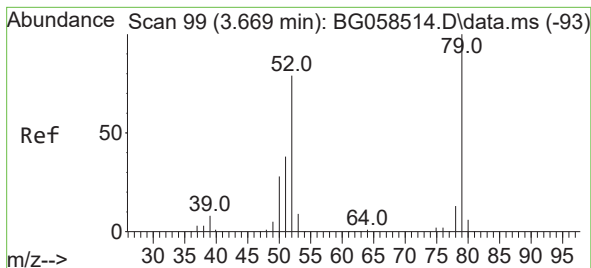
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#2
1,4-Dioxane
Concen: 3.961 ng
RT: 3.264 min Scan# 30
Delta R.T. -0.011 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Tgt Ion: 88 Resp: 4889
Ion Ratio Lower Upper
88 100
58 89.3 68.9 103.3
43 59.5 22.9 34.3#





#3

Pyridine

Concen: 2.964 ng

RT: 3.675 min Scan# 100

Delta R.T. 0.006 min

Lab File: BG058648.D

Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS

Tgt Ion: 79 Resp: 997

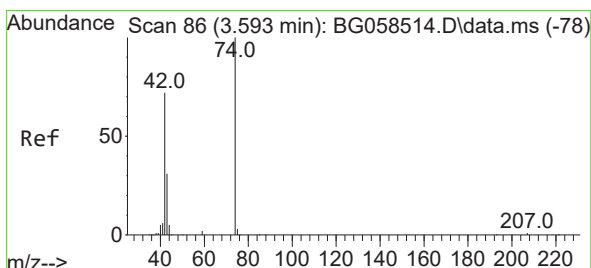
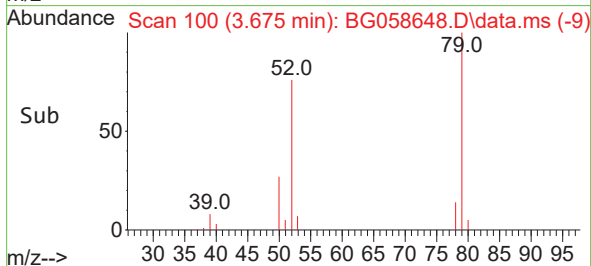
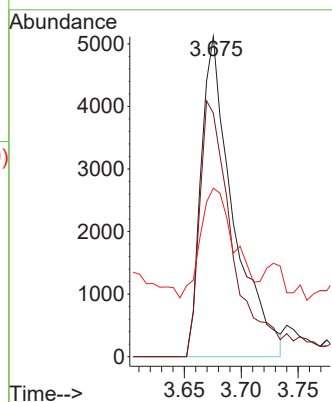
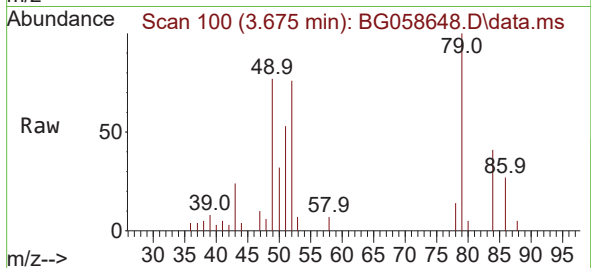
Ion	Ratio	Lower	Upper
79	100		
52	76.1	63.2	94.8
51	52.7	31.9	47.9

Manual Integrations

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Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#4

n-Nitrosodimethylamine

Concen: 3.932 ng

RT: 3.587 min Scan# 85

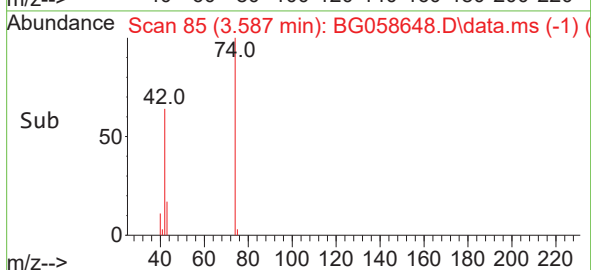
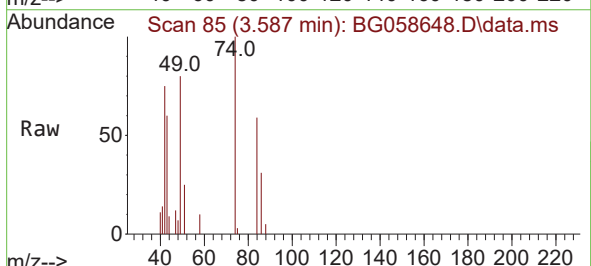
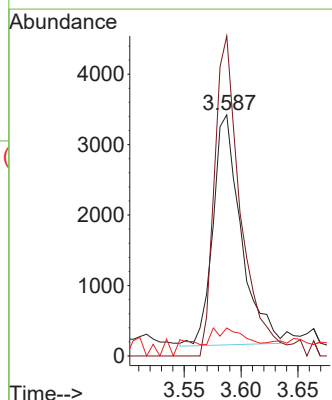
Delta R.T. -0.005 min

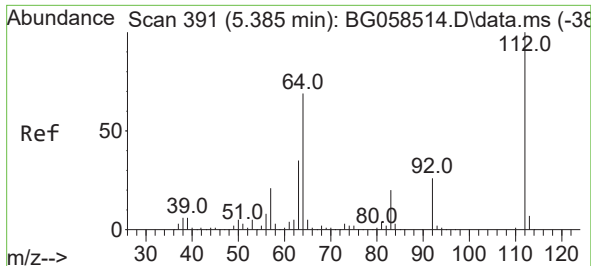
Lab File: BG058648.D

Acq: 8 Aug 2023 18:32

Tgt Ion: 42 Resp: 5607

Ion	Ratio	Lower	Upper
42	100		
74	132.7	111.5	167.3
44	11.6	5.4	8.2





#5
2-Fluorophenol
Concen: 12.186 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

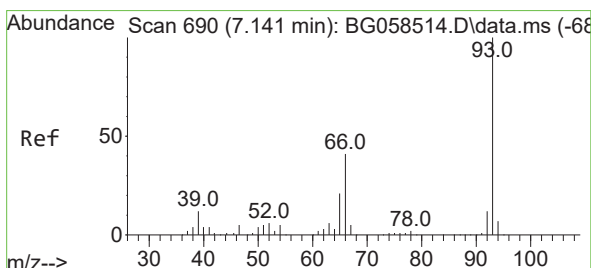
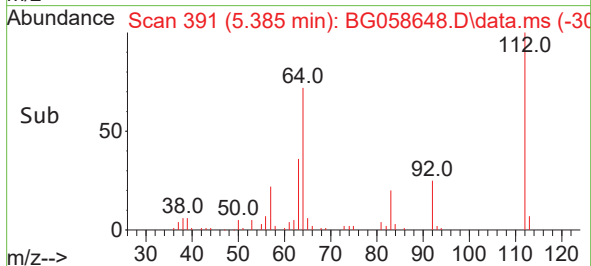
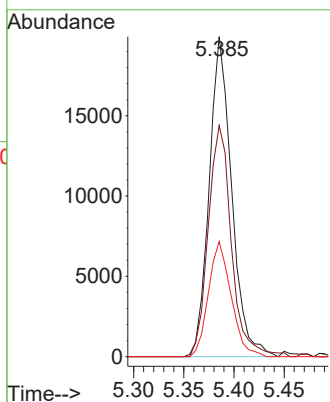
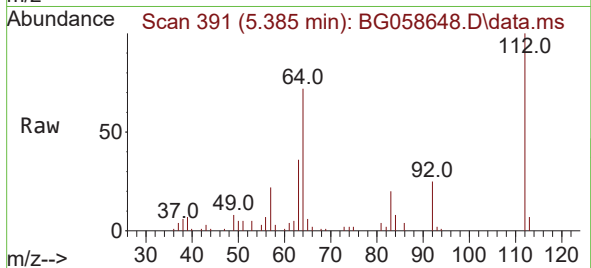
PB154550BS

Tgt Ion:112 Resp: 3104
Ion Ratio Lower Upper
112 100
64 72.2 55.3 82.9
63 36.0 28.3 42.5

Manual Integrations

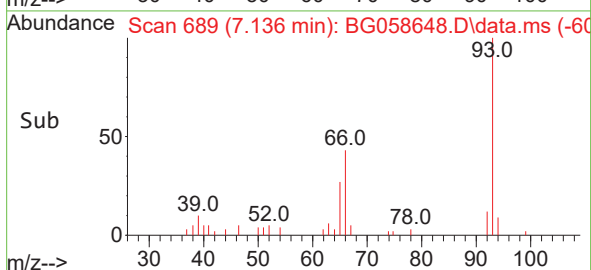
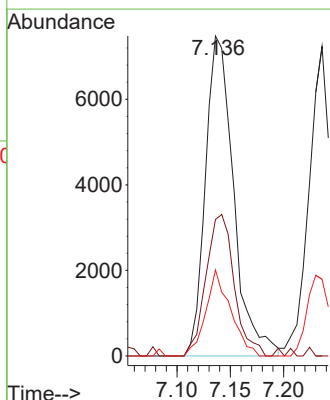
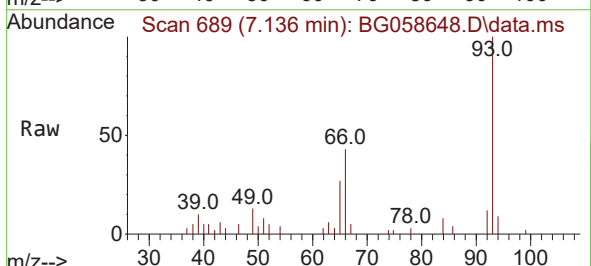
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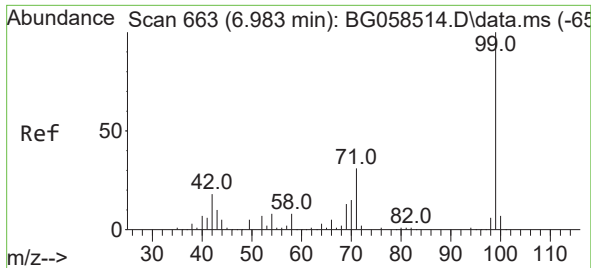
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#6
Aniline
Concen: 3.149 ng
RT: 7.136 min Scan# 689
Delta R.T. -0.005 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Tgt Ion: 93 Resp: 13742
Ion Ratio Lower Upper
93 100
66 42.6 33.1 49.7
65 26.9 17.0 25.4





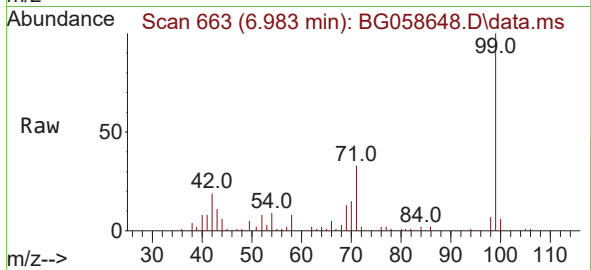
#7
Phenol-d6
Concen: 12.799 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

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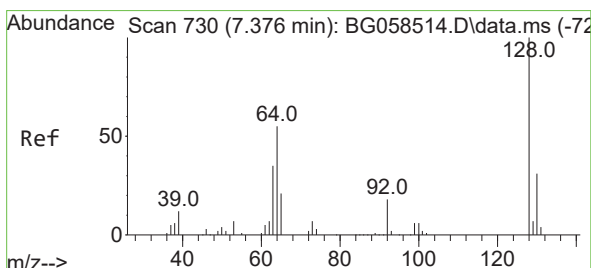
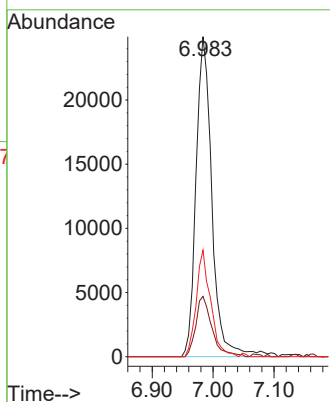
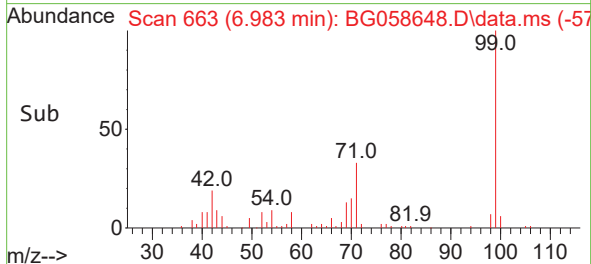


Tgt Ion: 99 Resp: 4536
Ion Ratio Lower Upper
99 100
42 18.9 14.6 21.8
71 33.3 25.0 37.4

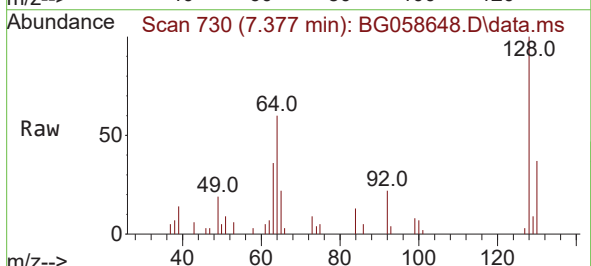
Manual Integrations

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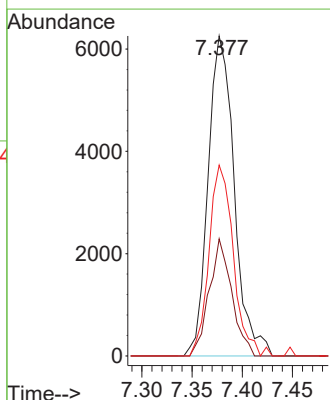
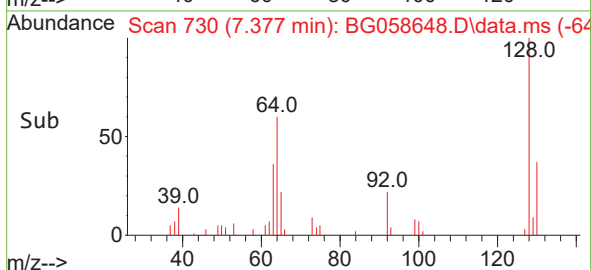
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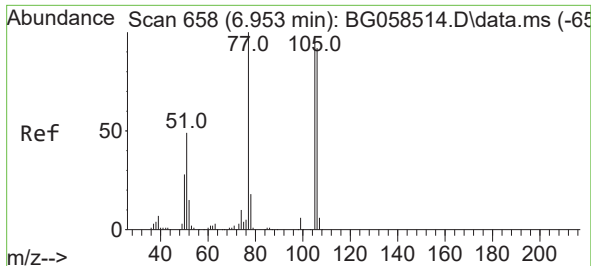


#8
2-Chlorophenol
Concen: 4.531 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



Tgt Ion:128 Resp: 11322
Ion Ratio Lower Upper
128 100
130 36.6 10.9 50.9
64 59.7 39.0 79.0





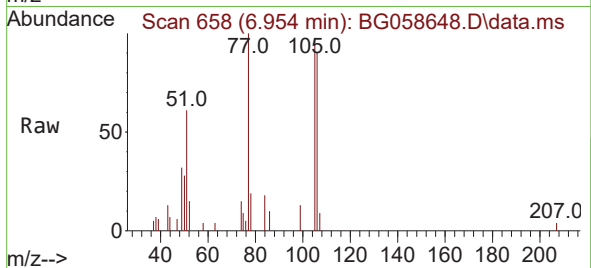
#9
Benzaldehyde
Concen: 3.582 ng
RT: 6.954 min Scan# 658
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS



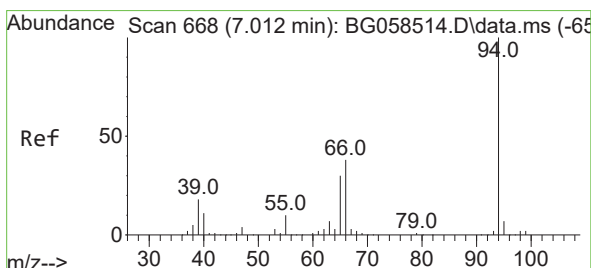
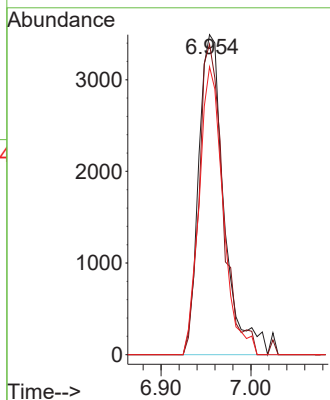
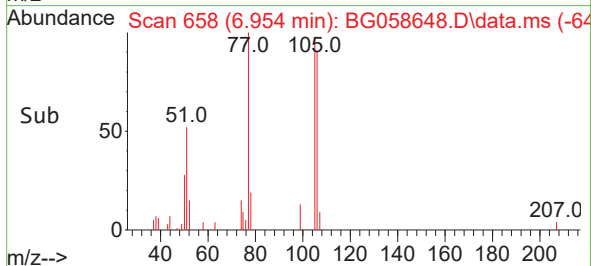
Tgt Ion: 77 Resp: 689
Ion Ratio Lower Upper
77 100
105 97.1 77.1 117.1
106 89.9 71.6 111.6

Manual Integrations

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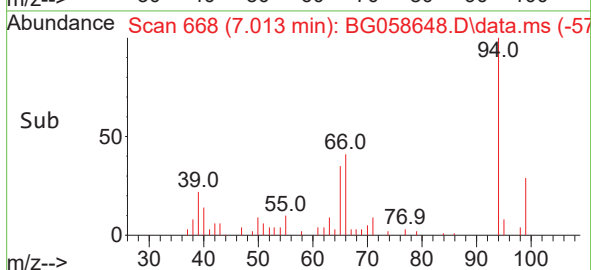
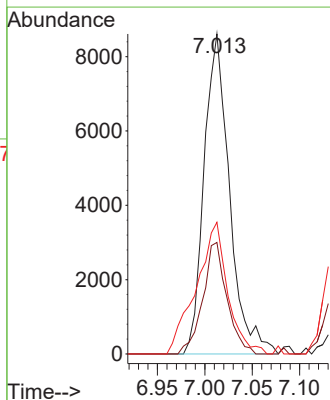
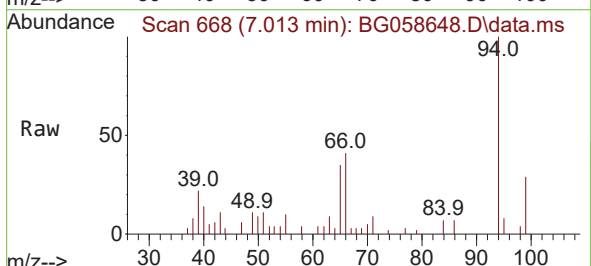
Reviewed By :Yogesh Patel 08/09/2023

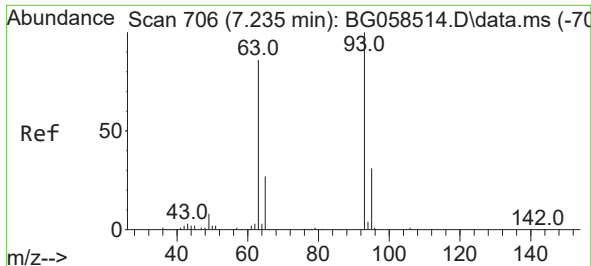
Supervised By :mohammad ahmed 08/09/2023



#10
Phenol
Concen: 4.643 ng
RT: 7.013 min Scan# 668
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Tgt Ion: 94 Resp: 16076
Ion Ratio Lower Upper
94 100
65 34.9 10.4 50.4
66 41.1 18.7 58.7





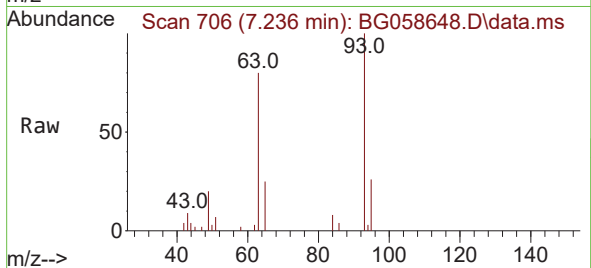
#11
bis(2-Chloroethyl)ether
Concen: 4.349 ng
RT: 7.236 min Scan# 706
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

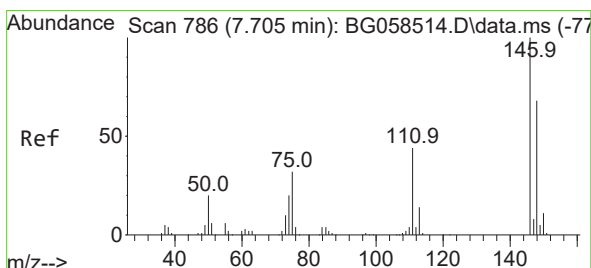
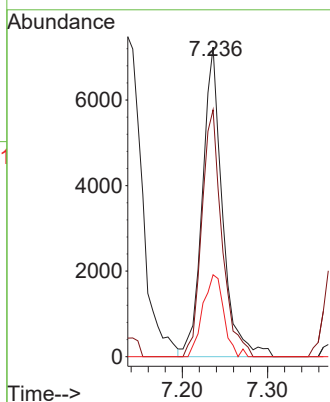
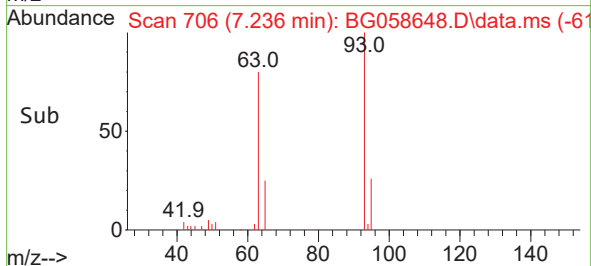
PB154550BS



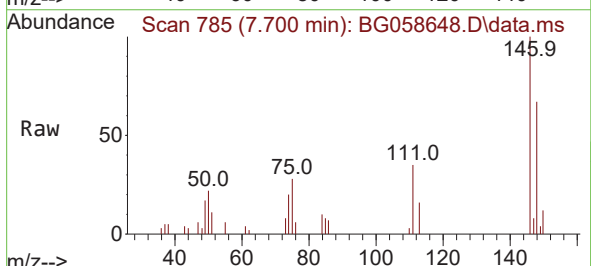
Tgt Ion: 93 Resp: 1187
Ion Ratio Lower Upper
93 100
63 79.7 65.5 105.5
95 26.5 11.2 51.2

Manual Integrations
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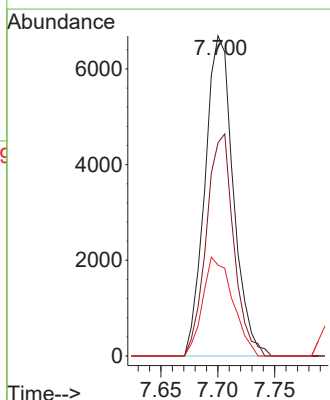
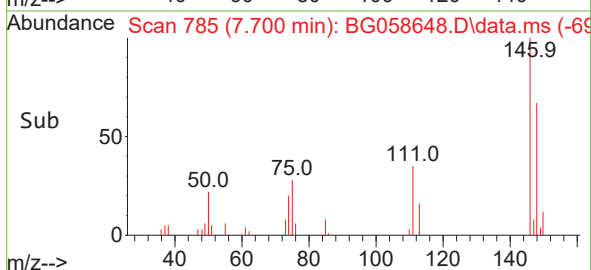
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

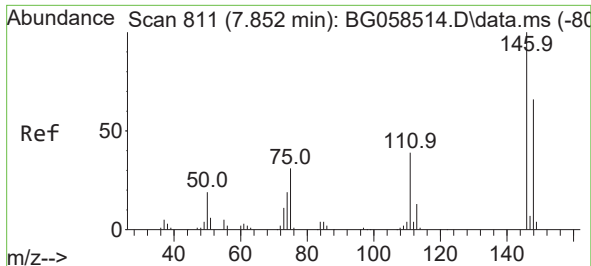


#12
1,3-Dichlorobenzene
Concen: 4.343 ng
RT: 7.700 min Scan# 785
Delta R.T. -0.005 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



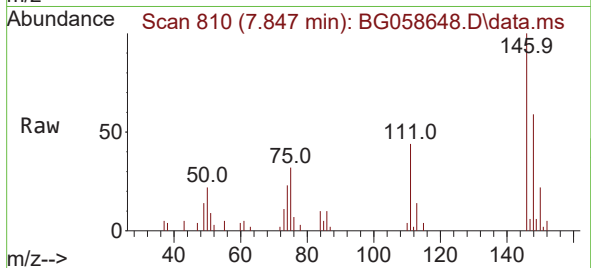
Tgt Ion:146 Resp: 11588
Ion Ratio Lower Upper
146 100
148 66.6 54.7 82.1
75 28.4 25.8 38.8





#13
1,4-Dichlorobenzene
Concen: 4.307 ng
RT: 7.847 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

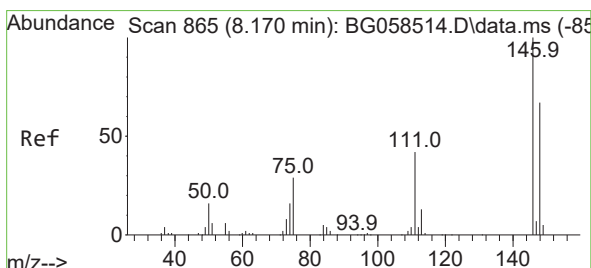
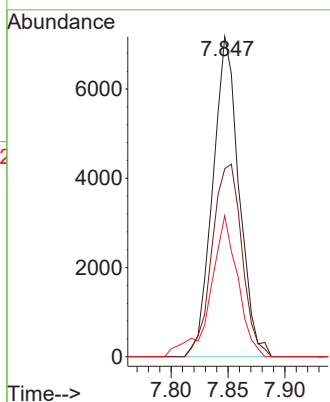
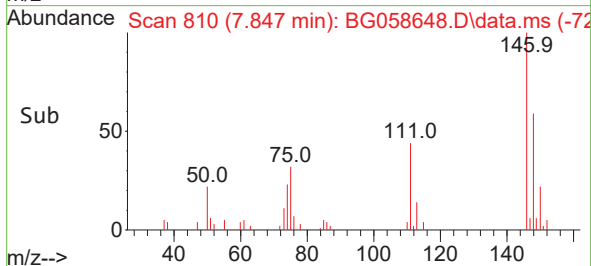
Instrument :
BNA_G
ClientSampleId :
PB154550BS



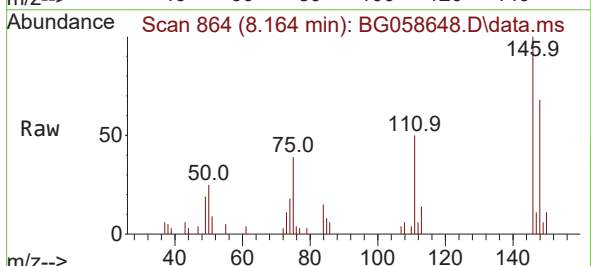
Tgt Ion:146 Resp: 11540
Ion Ratio Lower Upper
146 100
148 58.8 52.8 79.2
111 44.1 31.7 47.5

Manual Integrations
APPROVED

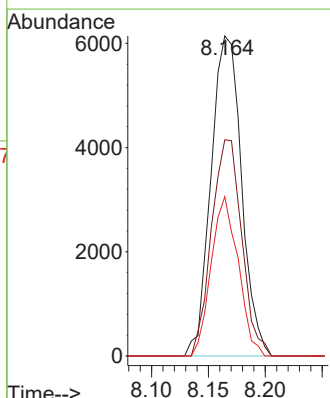
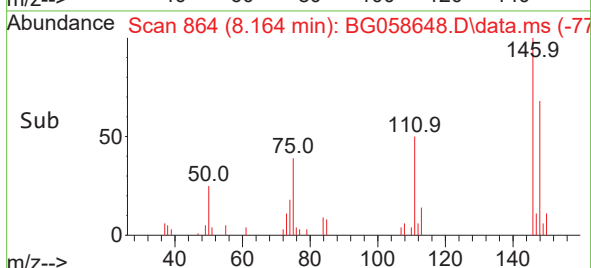
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

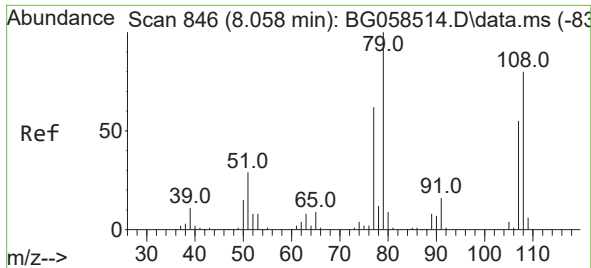


#14
1,2-Dichlorobenzene
Concen: 4.468 ng
RT: 8.164 min Scan# 864
Delta R.T. -0.005 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



Tgt Ion:146 Resp: 11445
Ion Ratio Lower Upper
146 100
148 67.5 53.4 80.2
111 49.7 34.2 51.2





#15
Benzyl Alcohol
Concen: 4.124 ng
RT: 8.059 min Scan# 846
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

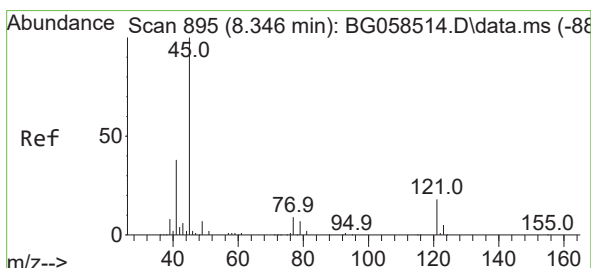
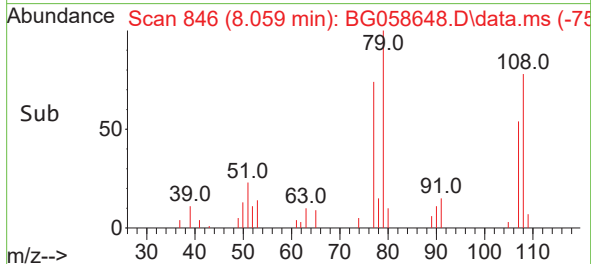
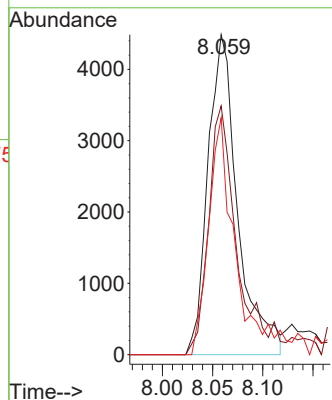
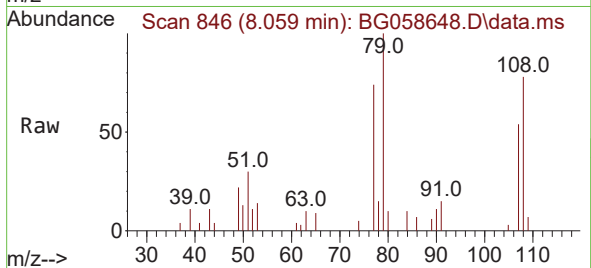
ClientSampleId :

PB154550BS

Tgt Ion: 79 Resp: 9269
Ion Ratio Lower Upper
79 100
108 77.8 63.8 95.6
77 74.0 49.8 74.6

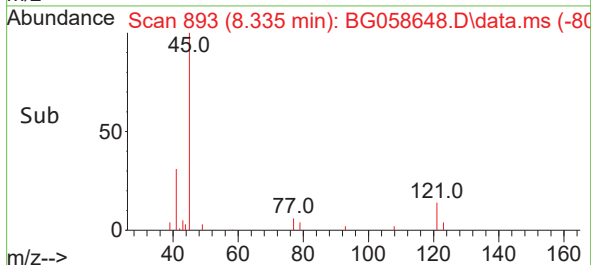
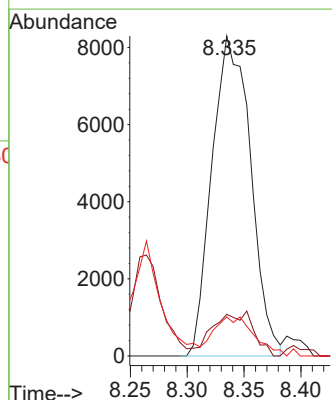
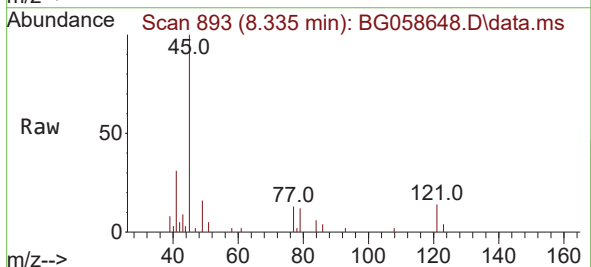
Manual Integrations
APPROVED

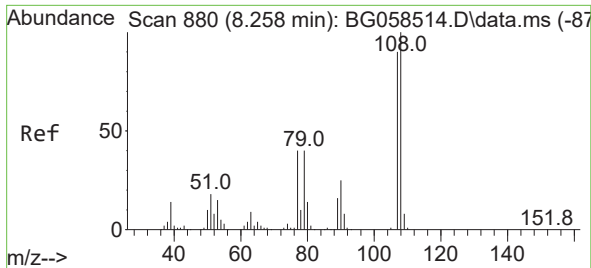
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.423 ng
RT: 8.335 min Scan# 893
Delta R.T. -0.011 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Tgt Ion: 45 Resp: 19611
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.6
79 12.2 0.0 30.2





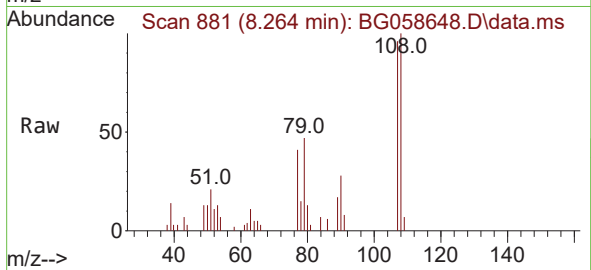
#17
2-Methylphenol
Concen: 4.337 ng
RT: 8.264 min Scan# 81
Delta R.T. 0.006 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS

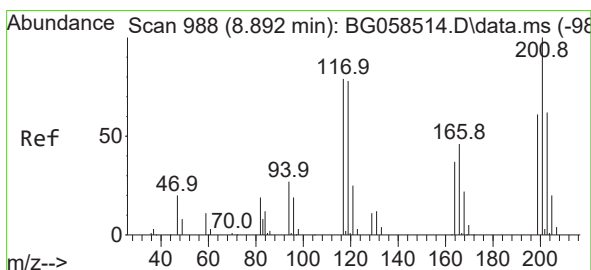
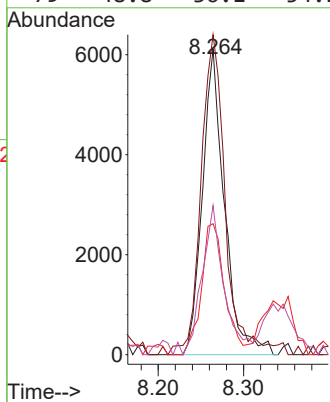
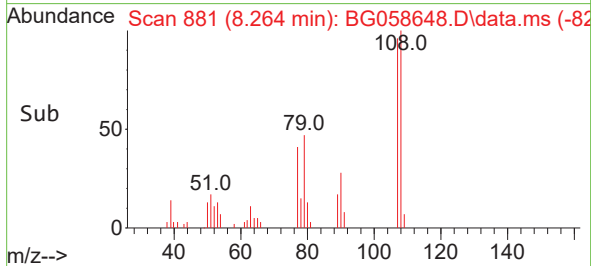


Tgt Ion:107 Resp: 10979
Ion Ratio Lower Upper
107 100
108 104.6 89.1 133.7
77 42.8 36.2 54.4
79 48.8 36.1 54.1

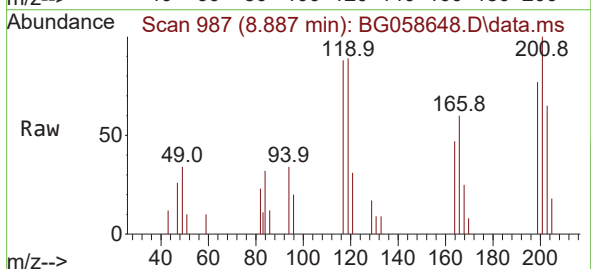
Manual Integrations

APPROVED

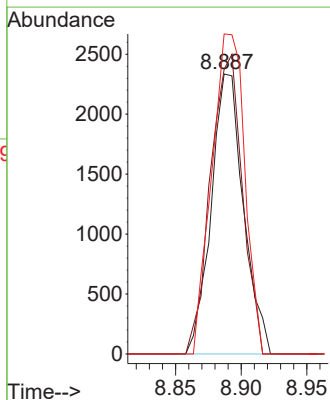
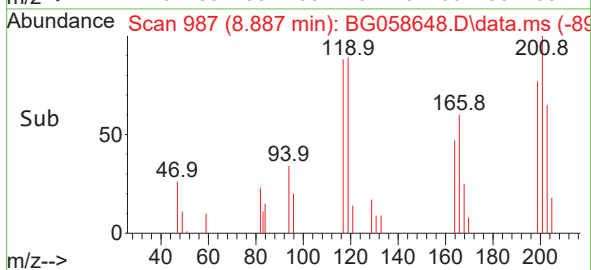
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

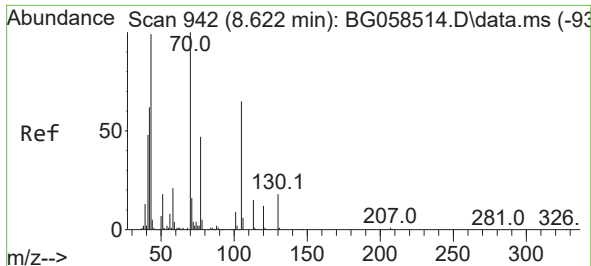


#18
Hexachloroethane
Concen: 4.101 ng
RT: 8.887 min Scan# 987
Delta R.T. -0.005 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



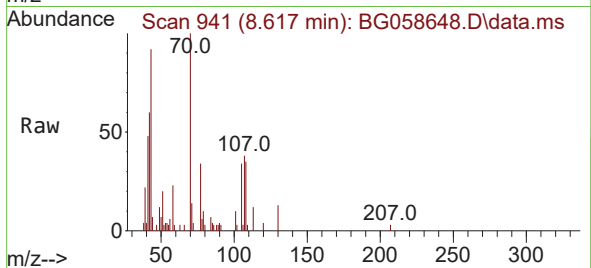
Tgt Ion:117 Resp: 3994
Ion Ratio Lower Upper
117 100
119 101.6 78.6 117.8
201 114.3 101.4 152.0





#19
n-Nitroso-di-n-propylamine
Concen: 4.258 ng
RT: 8.617 min Scan# 941
Delta R.T. -0.005 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

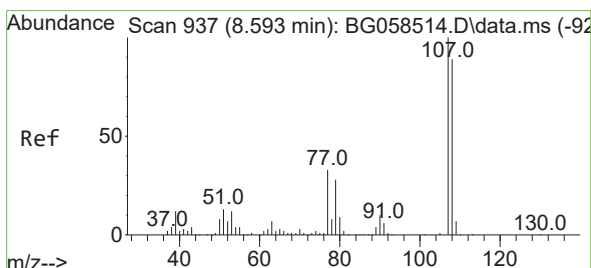
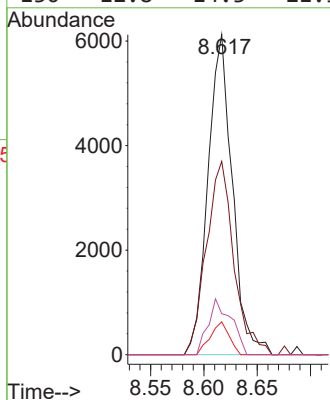
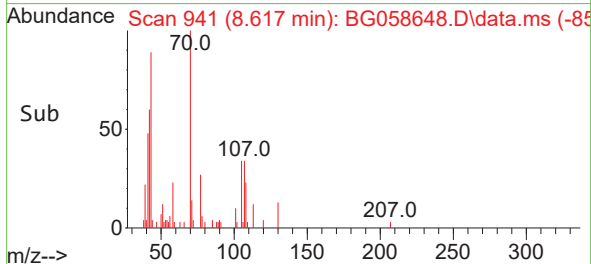
Instrument :
BNA_G
ClientSampleId :
PB154550BS



Tgt Ion: 70 Resp: 9749
Ion Ratio Lower Upper
70 100
42 60.4 49.7 74.5
101 10.3 7.0 10.4
130 12.8 14.3 21.5#

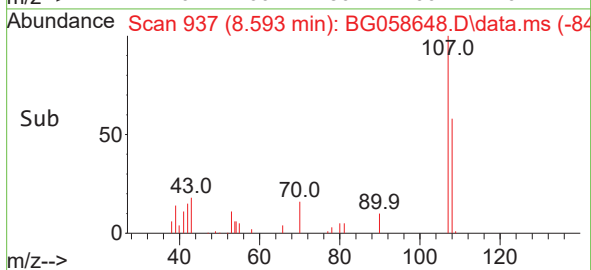
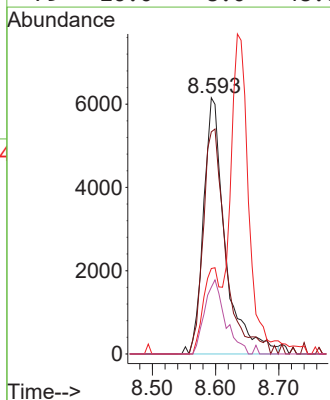
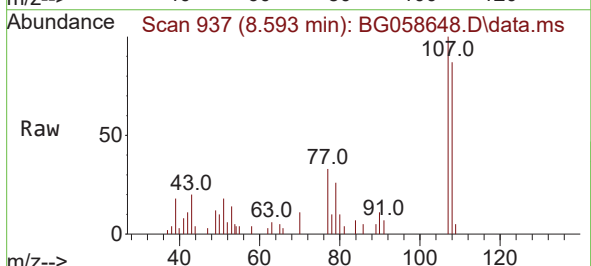
Manual Integrations
APPROVED

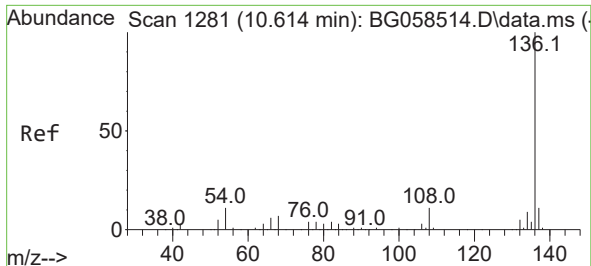
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#20
3+4-Methylphenols
Concen: 4.293 ng
RT: 8.593 min Scan# 937
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Tgt Ion:107 Resp: 14701
Ion Ratio Lower Upper
107 100
108 86.7 69.4 109.4
77 33.4 13.0 53.0
79 26.0 8.0 48.0





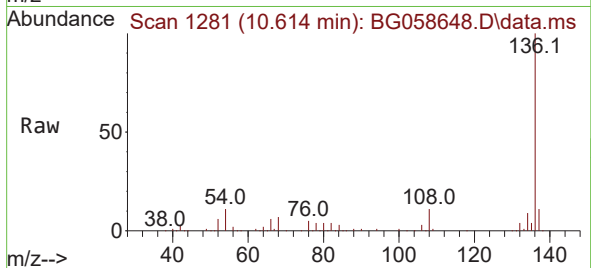
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS



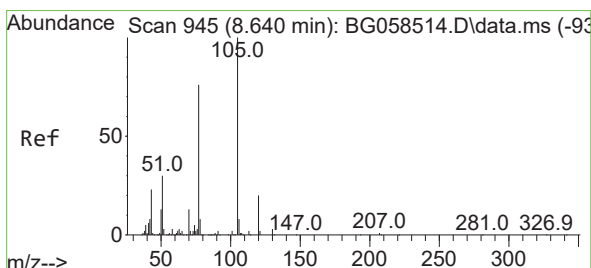
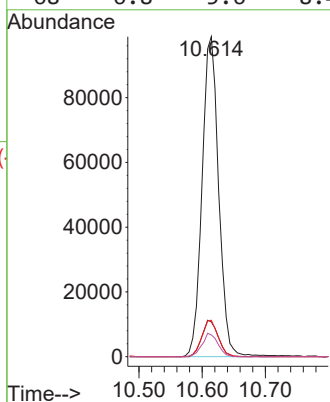
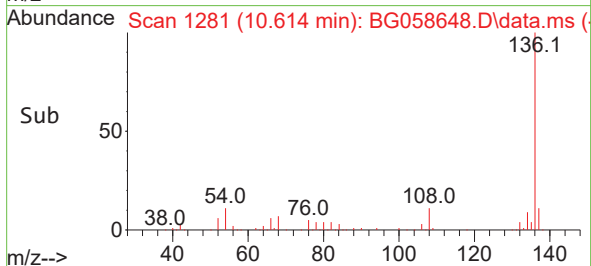
Tgt Ion:136 Resp: 180458
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 11.4 8.9 13.3
68 6.8 5.6 8.4

Manual Integrations

APPROVED

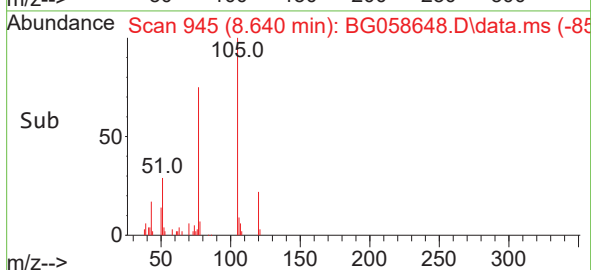
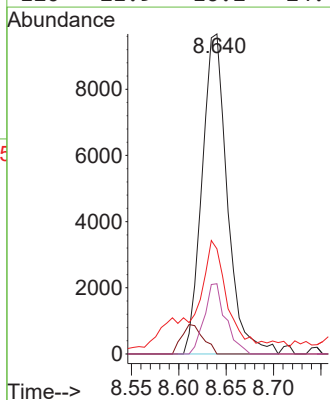
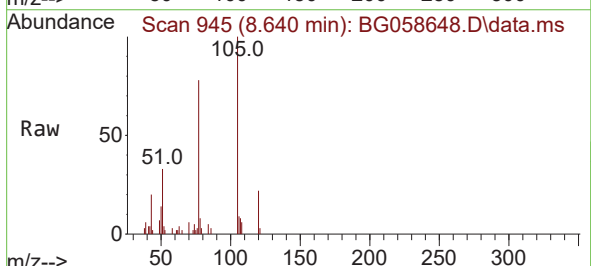
Reviewed By :Yogesh Patel 08/09/2023

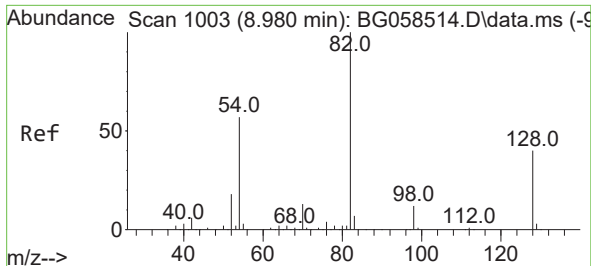
Supervised By :mohammad ahmed 08/09/2023



#22
Acetophenone
Concen: 3.718 ng
RT: 8.640 min Scan# 945
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Tgt Ion:105 Resp: 17964
Ion Ratio Lower Upper
105 100
71 0.0 1.8 2.6#
51 32.9 24.2 36.2
120 21.9 16.2 24.4





#23

Nitrobenzene-d5

Concen: 7.349 ng

RT: 8.975 min Scan# 1003

Delta R.T. -0.005 min

Lab File: BG058648.D

Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS

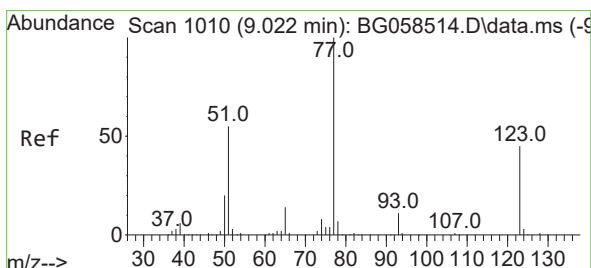
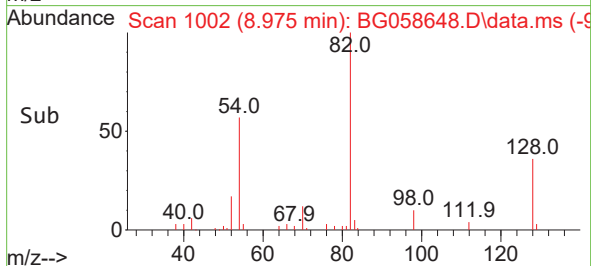
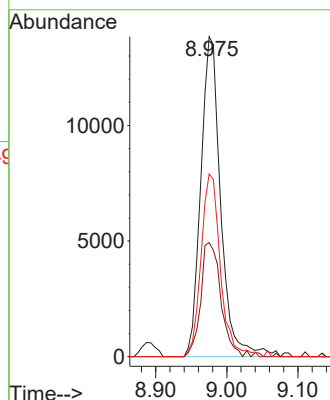
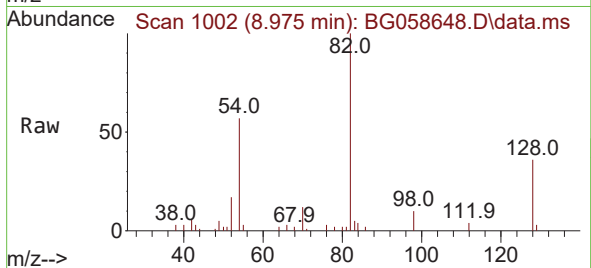
Tgt Ion:	82	Resp:	2699
Ion Ratio	Lower	Upper	
82	100		
128	35.6	32.2	48.2
54	57.1	46.0	69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#24

Nitrobenzene

Concen: 3.684 ng

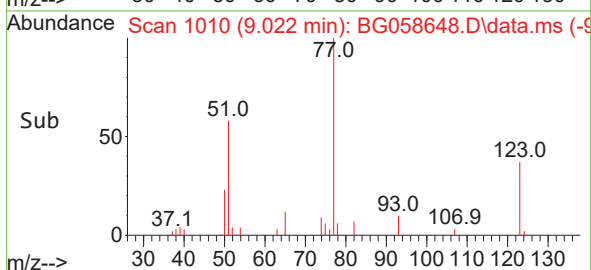
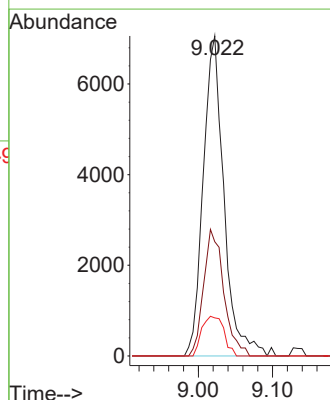
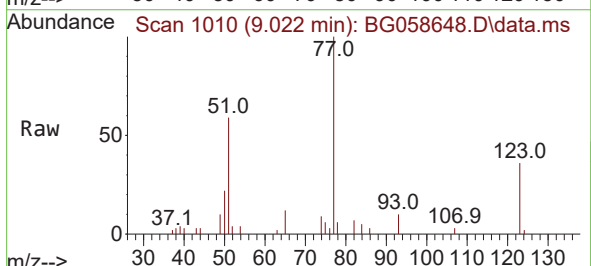
RT: 9.022 min Scan# 1010

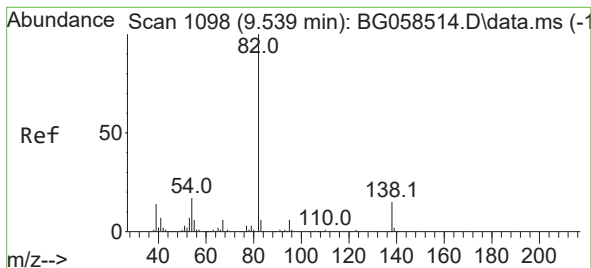
Delta R.T. 0.001 min

Lab File: BG058648.D

Acq: 8 Aug 2023 18:32

Tgt Ion:	77	Resp:	13759
Ion Ratio	Lower	Upper	
77	100		
123	35.7	35.6	53.4
65	11.9	11.4	17.0





#25

Isophorone

Concen: 3.752 ng

RT: 9.533 min Scan# 1097

Delta R.T. -0.005 min

Lab File: BG058648.D

Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS

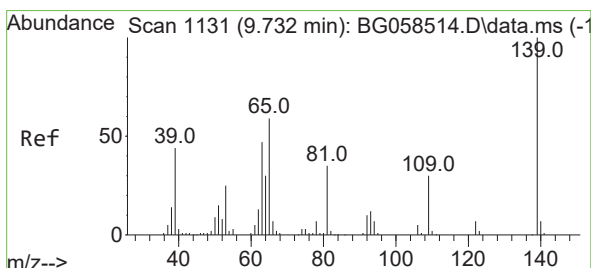
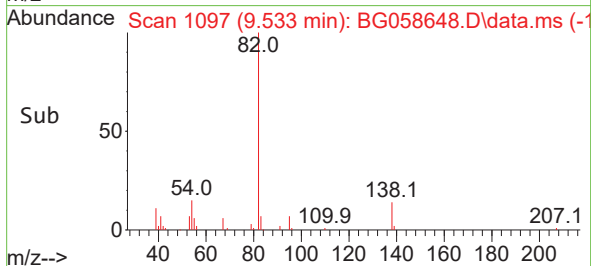
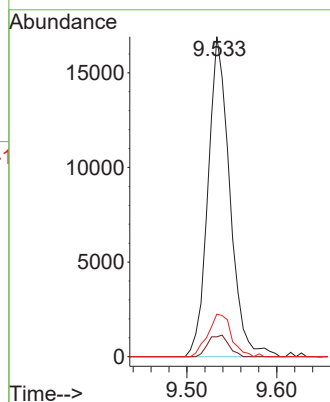
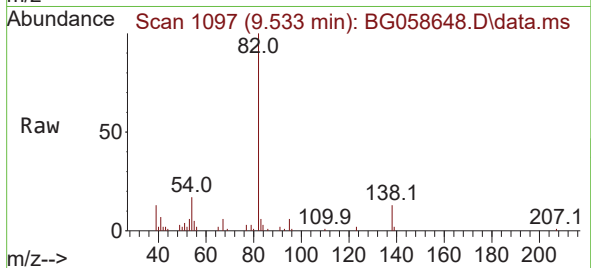
Tgt Ion:	82	Resp:	28474
Ion Ratio	Lower	Upper	
82	100		
95	6.2	5.1	7.7
138	13.3	11.9	17.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#26

2-Nitrophenol

Concen: 3.298 ng

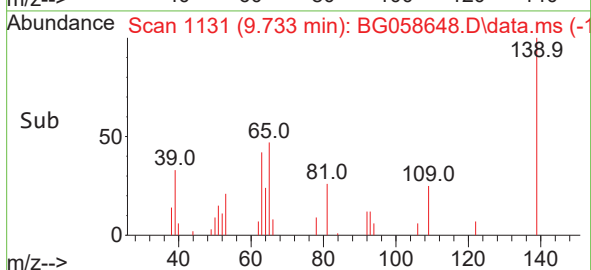
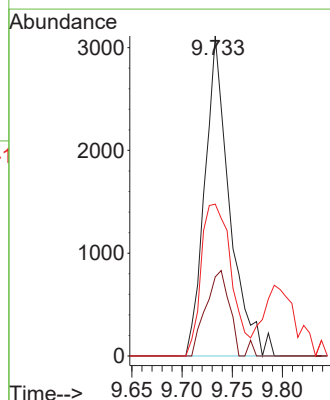
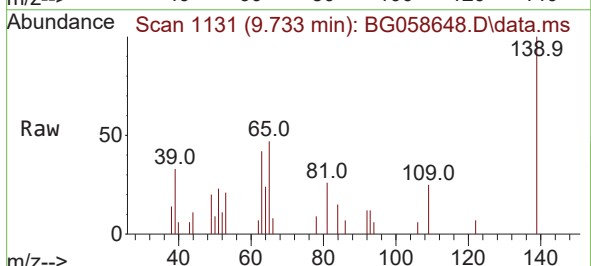
RT: 9.733 min Scan# 1131

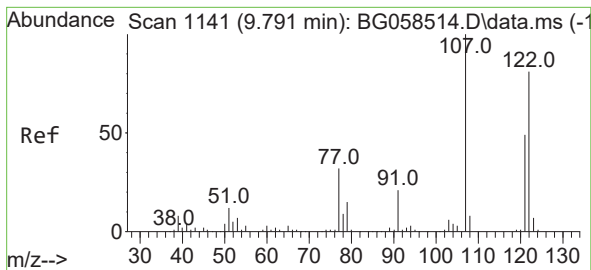
Delta R.T. 0.001 min

Lab File: BG058648.D

Acq: 8 Aug 2023 18:32

Tgt Ion:	139	Resp:	5362
Ion Ratio	Lower	Upper	
139	100		
109	24.7	24.2	36.2
65	47.4	47.0	70.4





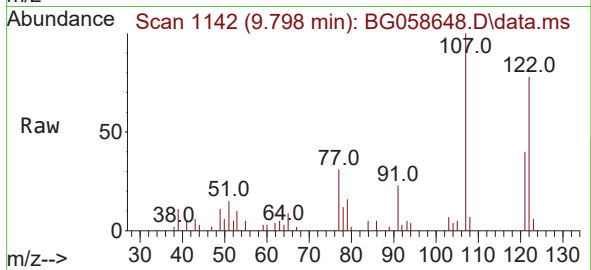
#27
2,4-Dimethylphenol
Concen: 3.961 ng
RT: 9.798 min Scan# 1141
Delta R.T. 0.006 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS



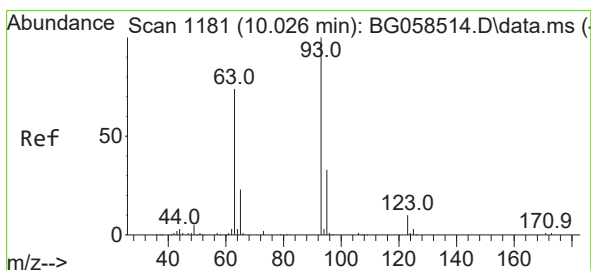
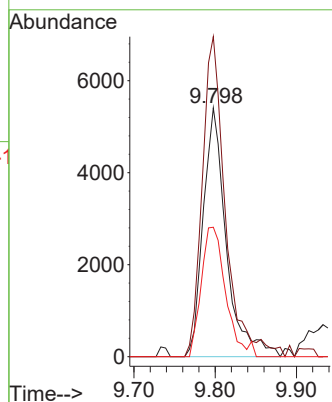
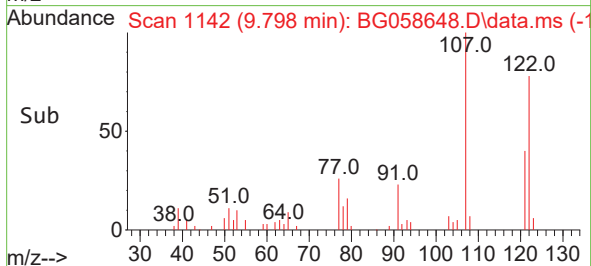
Tgt Ion:122 Resp: 10682
Ion Ratio Lower Upper
122 100
107 128.6 98.0 147.0
121 52.0 47.8 71.6

Manual Integrations

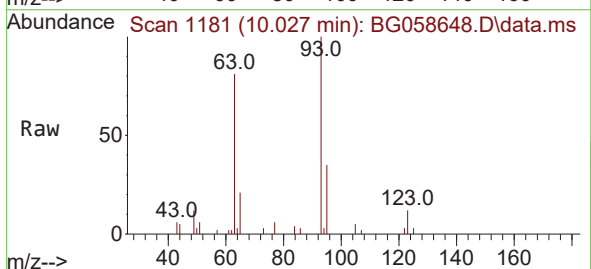
APPROVED

Reviewed By :Yogesh Patel 08/09/2023

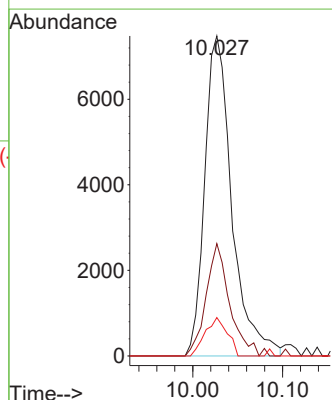
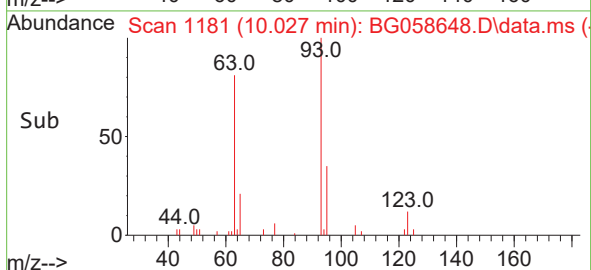
Supervised By :mohammad ahmed 08/09/2023

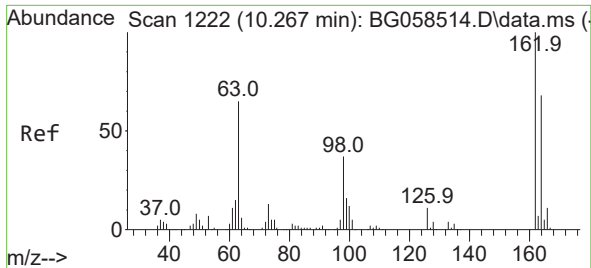


#28
bis(2-Chloroethoxy)methane
Concen: 3.796 ng
RT: 10.027 min Scan# 1181
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



Tgt Ion: 93 Resp: 15678
Ion Ratio Lower Upper
93 100
95 35.1 26.0 39.0
123 12.0 7.8 11.8#





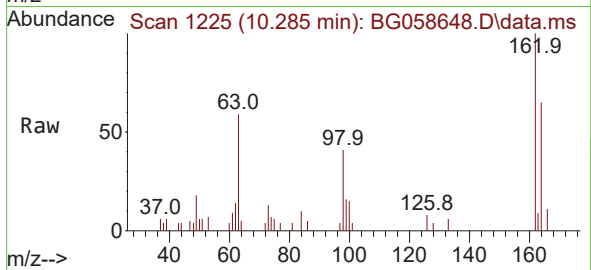
#29
2,4-Dichlorophenol
Concen: 3.895 ng
RT: 10.285 min Scan# 1225
Delta R.T. 0.018 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS



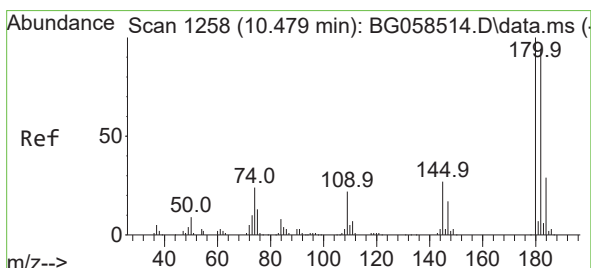
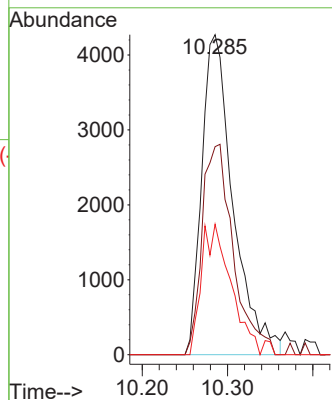
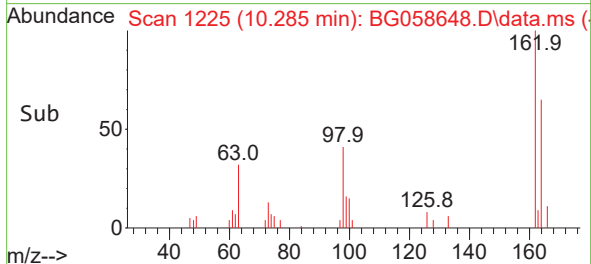
Tgt Ion:162 Resp: 10904
Ion Ratio Lower Upper
162 100
164 65.0 47.6 87.6
98 40.8 17.1 57.1

Manual Integrations

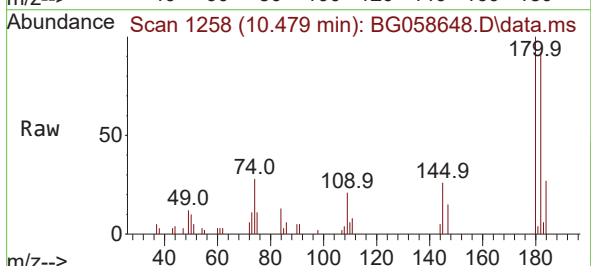
APPROVED

Reviewed By :Yogesh Patel 08/09/2023

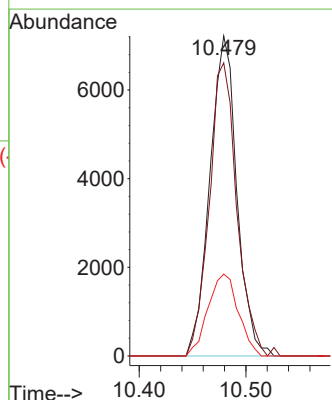
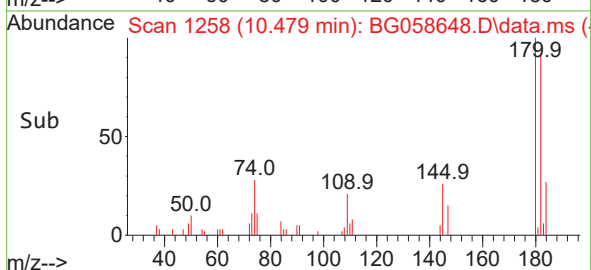
Supervised By :mohammad ahmed 08/09/2023

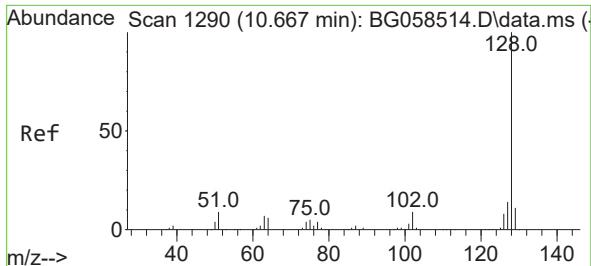


#30
1,2,4-Trichlorobenzene
Concen: 3.936 ng
RT: 10.479 min Scan# 1258
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



Tgt Ion:180 Resp: 12708
Ion Ratio Lower Upper
180 100
182 91.6 75.0 112.4
145 25.6 21.9 32.9





#31
Naphthalene
Concen: 4.063 ng
RT: 10.661 min Scan# 1129
Delta R.T. -0.005 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

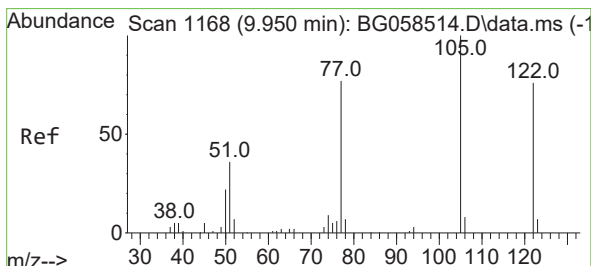
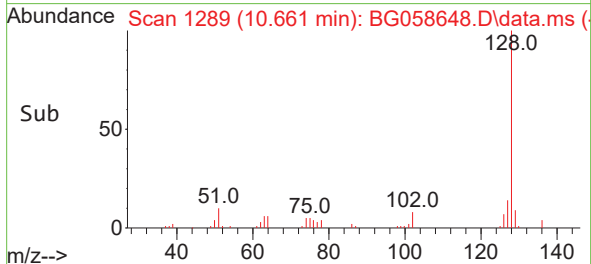
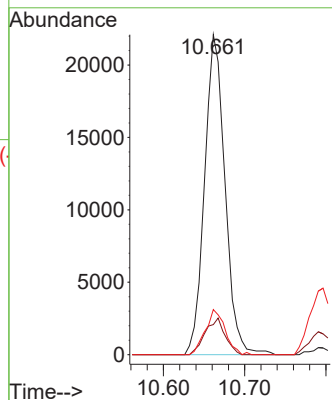
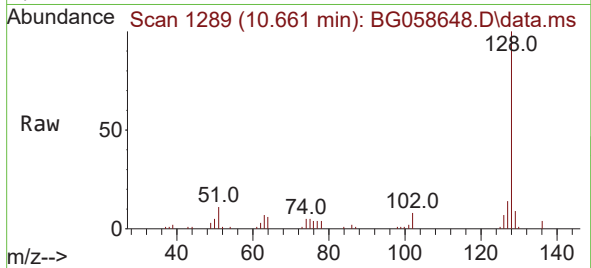
PB154550BS

Tgt Ion:128 Resp: 3864
Ion Ratio Lower Upper
128 100
129 9.4 8.8 13.2
127 14.1 10.9 16.3

Manual Integrations

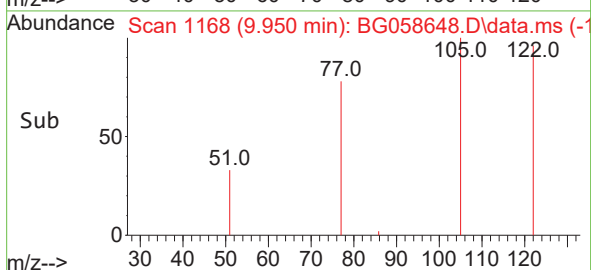
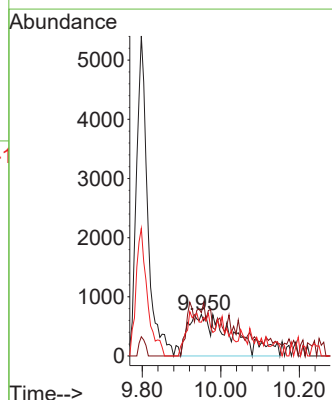
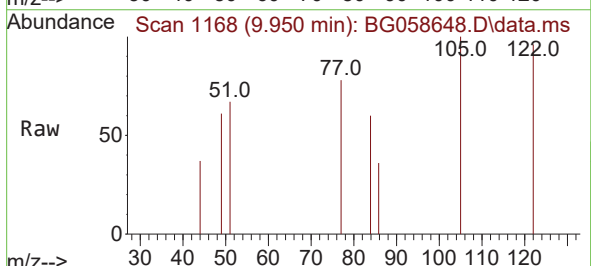
APPROVED

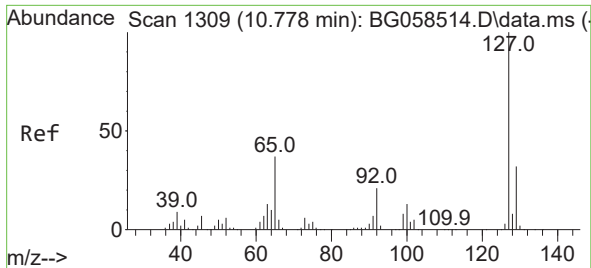
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#32
Benzoic acid
Concen: 7.056 ng m
RT: 9.950 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Tgt Ion:122 Resp: 5673
Ion Ratio Lower Upper
122 100
105 104.6 106.5 146.5#
77 81.4 78.1 118.1





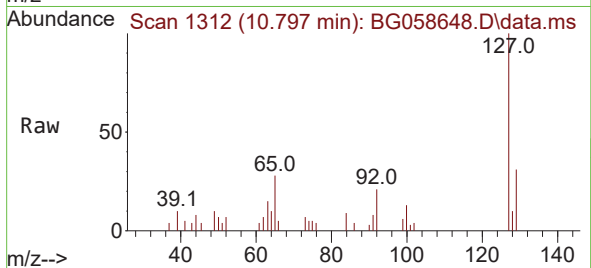
#33
4-Chloroaniline
Concen: 2.855 ng
RT: 10.797 min Scan# 1147
Delta R.T. 0.018 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS



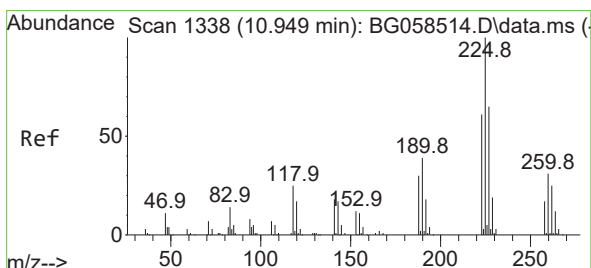
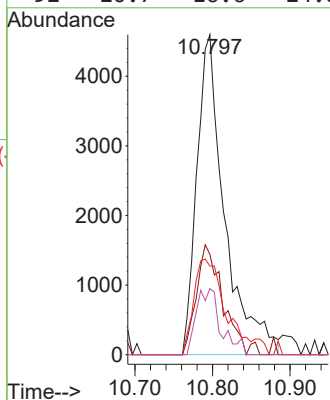
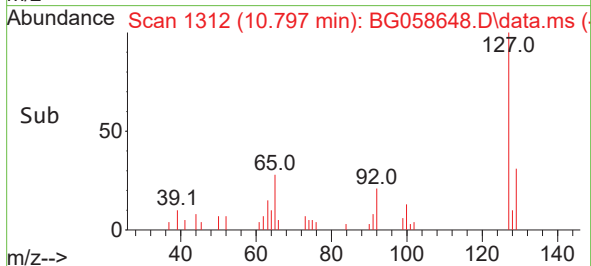
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.4	38.2
65	27.7	29.5	44.3
92	20.7	16.6	24.8

Manual Integrations

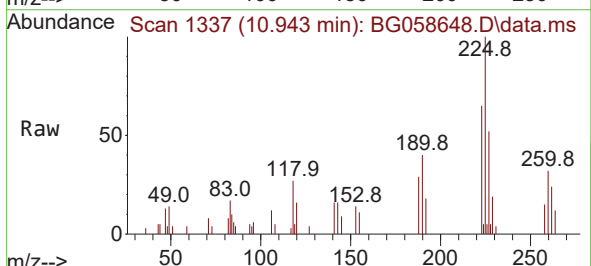
APPROVED

Reviewed By :Yogesh Patel 08/09/2023

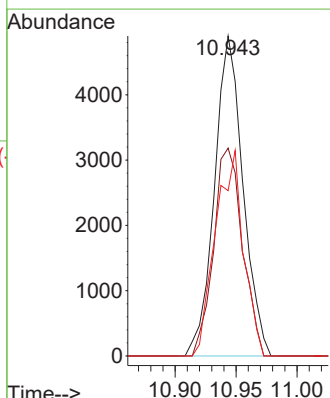
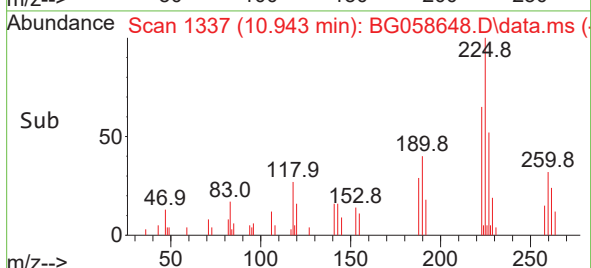
Supervised By :mohammad ahmed 08/09/2023

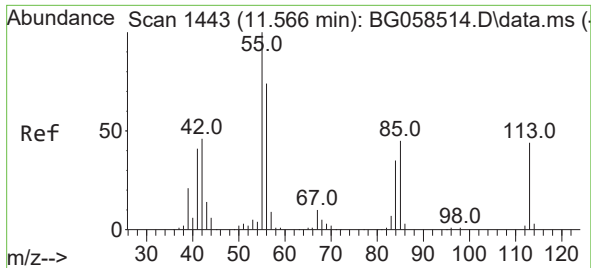


#34
Hexachlorobutadiene
Concen: 3.844 ng
RT: 10.943 min Scan# 1337
Delta R.T. -0.005 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.0	73.6
227	56.9	51.7	77.5





#35
Caprolactam
Concen: 3.429 ng
RT: 11.531 min Scan# 1443
Delta R.T. -0.035 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

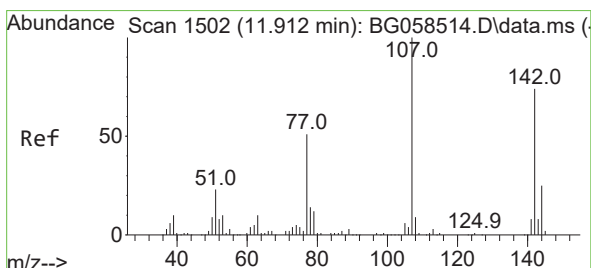
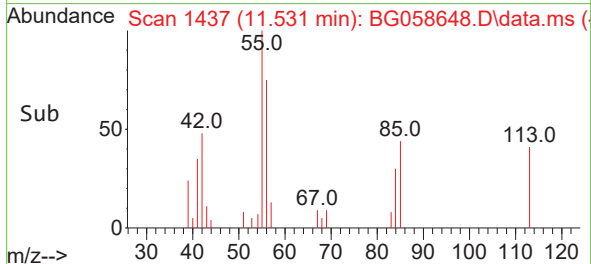
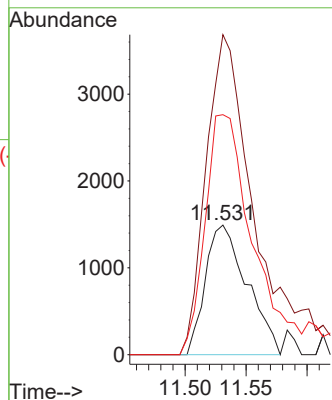
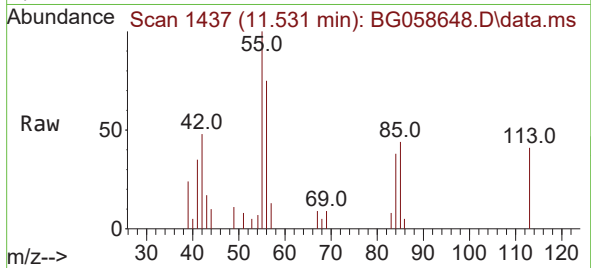
PB154550BS

Tgt Ion:113 Resp: 3549
Ion Ratio Lower Upper
113 100
55 246.8 208.0 248.0
56 185.1 148.6 188.6

Manual Integrations

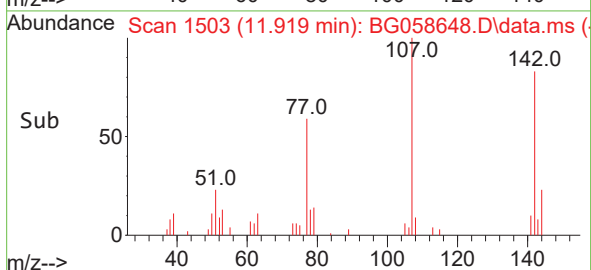
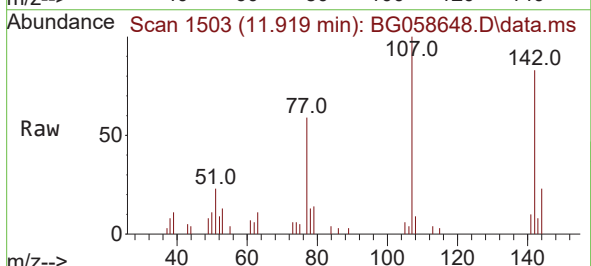
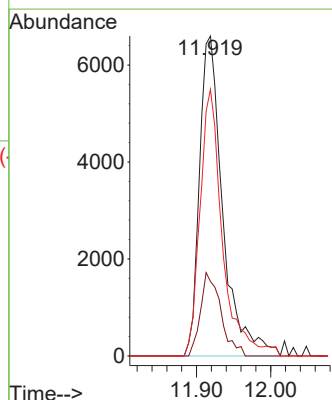
APPROVED

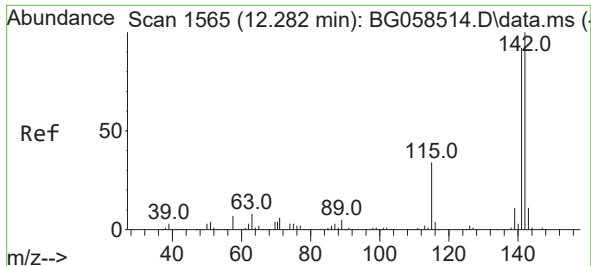
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#36
4-Chloro-3-methylphenol
Concen: 4.169 ng
RT: 11.919 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Tgt Ion:107 Resp: 14440
Ion Ratio Lower Upper
107 100
144 23.3 19.6 29.4
142 83.3 59.3 88.9





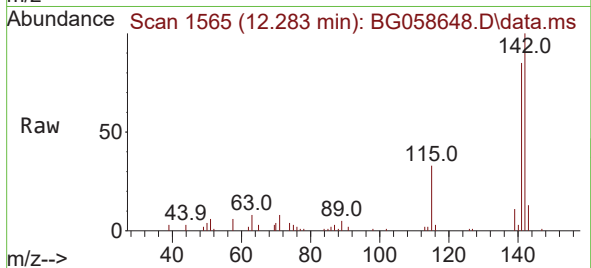
#37
2-Methylnaphthalene
Concen: 3.964 ng
RT: 12.283 min Scan# 1565
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS



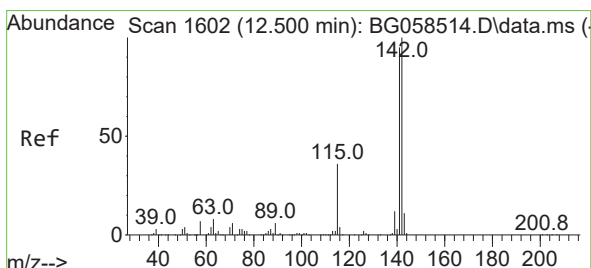
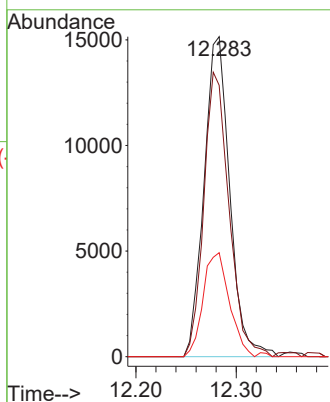
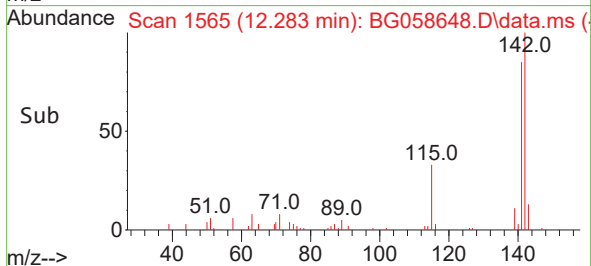
Tgt Ion:142 Resp: 2696
Ion Ratio Lower Upper
142 100
141 84.8 73.5 110.3
115 32.5 27.4 41.0

Manual Integrations

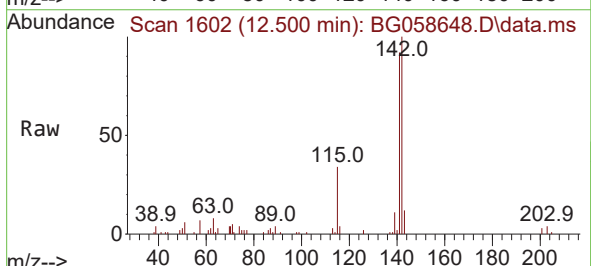
APPROVED

Reviewed By :Yogesh Patel 08/09/2023

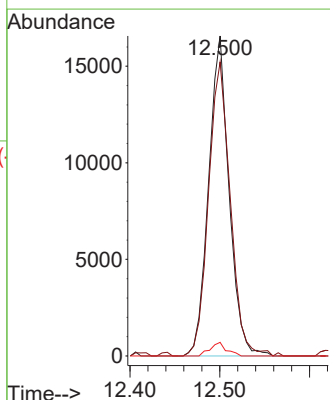
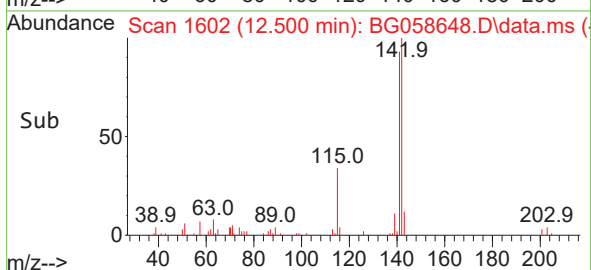
Supervised By :mohammad ahmed 08/09/2023

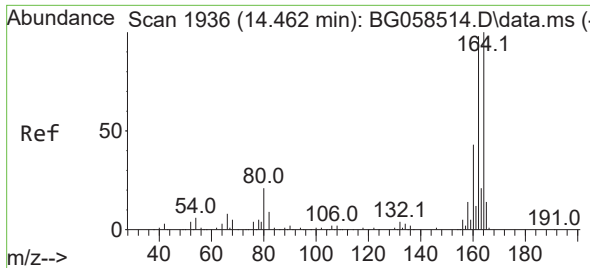


#38
1-Methylnaphthalene
Concen: 4.056 ng
RT: 12.500 min Scan# 1602
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



Tgt Ion:142 Resp: 26234
Ion Ratio Lower Upper
142 100
141 91.9 75.7 113.5
116 4.3 3.2 4.8





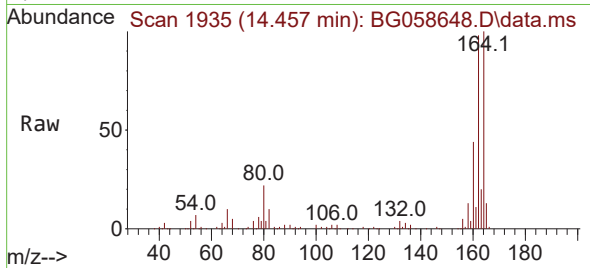
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS

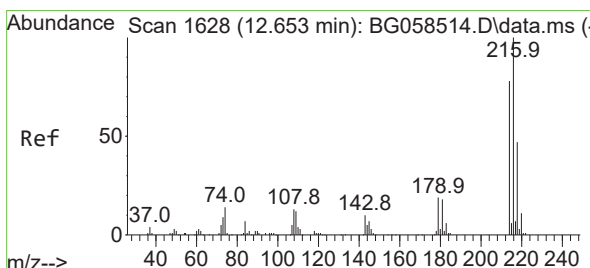
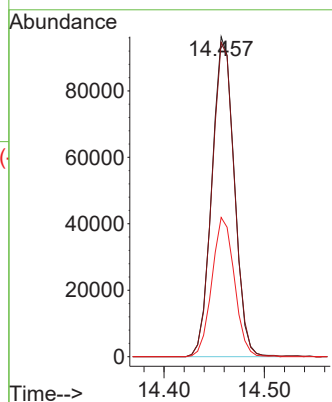
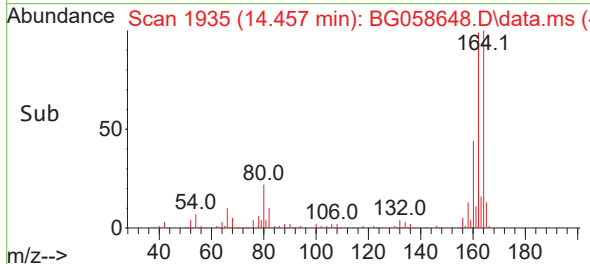


Tgt Ion:164 Resp: 148698
Ion Ratio Lower Upper
164 100
162 98.2 78.3 117.5
160 43.5 34.1 51.1

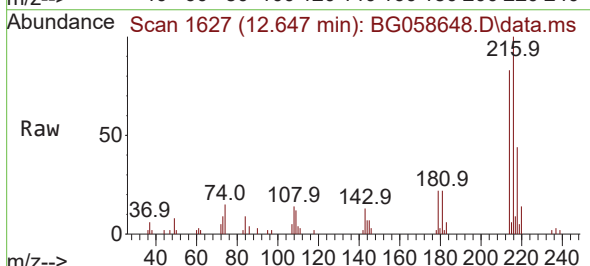
Manual Integrations

APPROVED

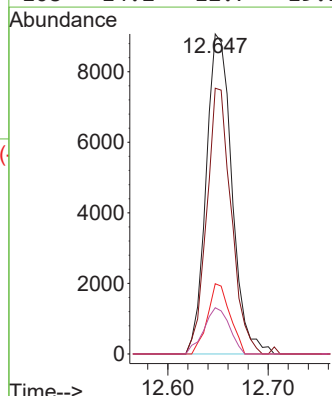
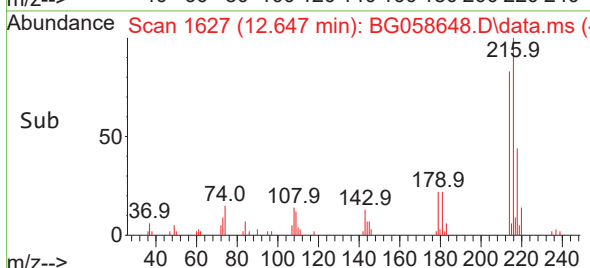
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

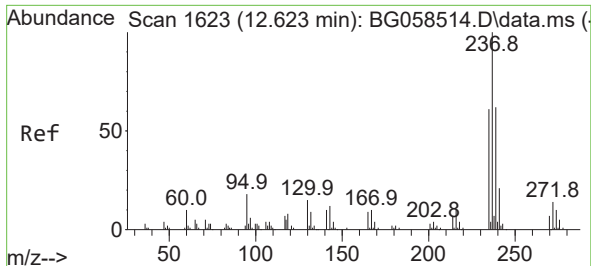


#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.544 ng
RT: 12.647 min Scan# 1627
Delta R.T. -0.005 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



Tgt Ion:216 Resp: 16179
Ion Ratio Lower Upper
216 100
214 78.8 63.1 94.7
179 19.1 15.6 23.4
108 14.2 12.7 19.1





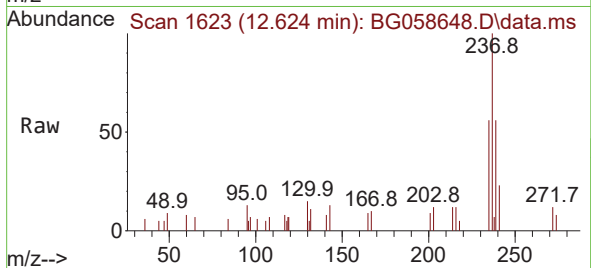
#41
Hexachlorocyclopentadiene
Concen: 8.855 ng
RT: 12.624 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

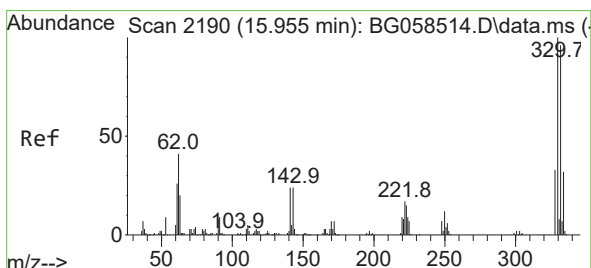
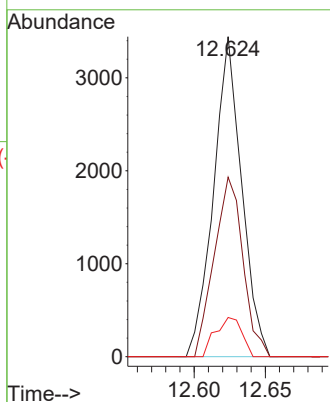
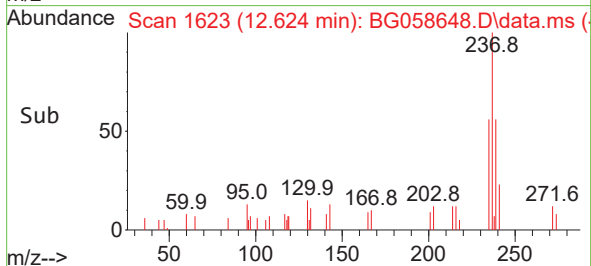
PB154550BS



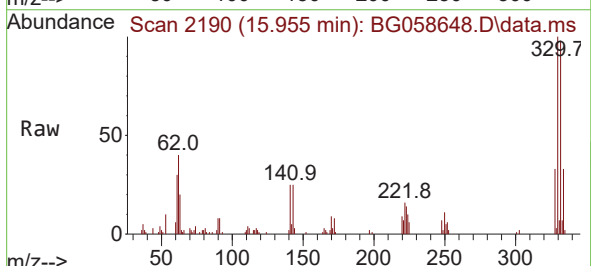
Tgt Ion:237 Resp: 4734
Ion Ratio Lower Upper
237 100
235 56.1 41.0 81.0
272 12.3 0.0 33.6

Manual Integrations
APPROVED

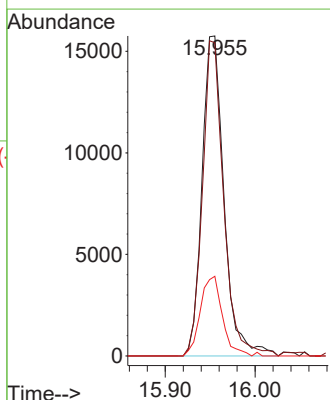
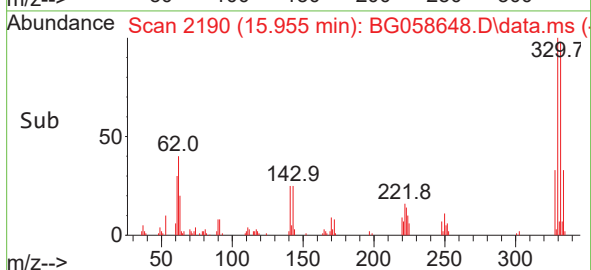
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

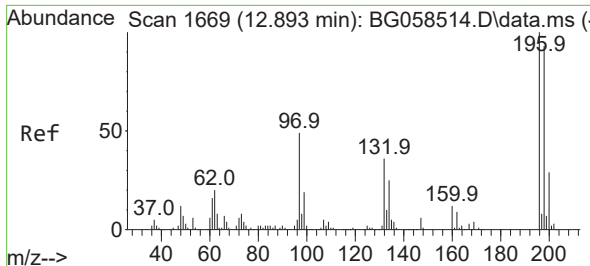


#42
2,4,6-Tribromophenol
Concen: 10.968 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



Tgt Ion:330 Resp: 26731
Ion Ratio Lower Upper
330 100
332 95.2 77.5 116.3
141 25.0 20.7 31.1





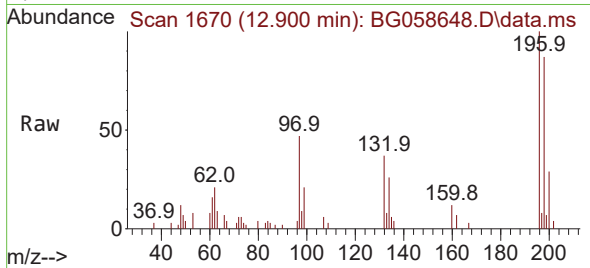
#43
2,4,6-Trichlorophenol
Concen: 3.556 ng
RT: 12.900 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS

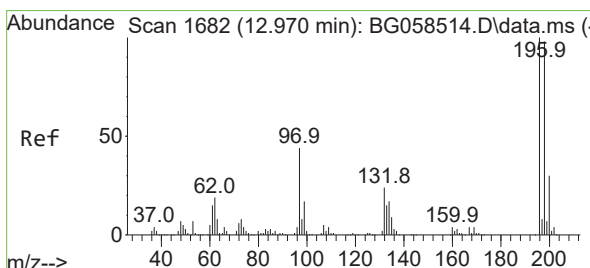
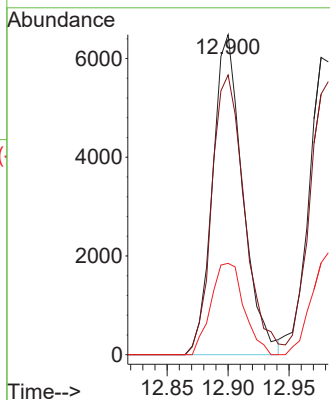
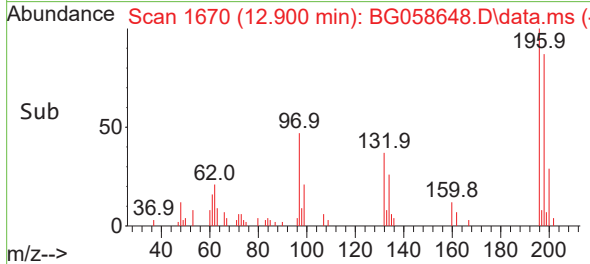


Tgt Ion:196 Resp: 1116
Ion Ratio Lower Upper
196 100
198 87.4 74.2 111.4
200 28.6 22.9 34.3

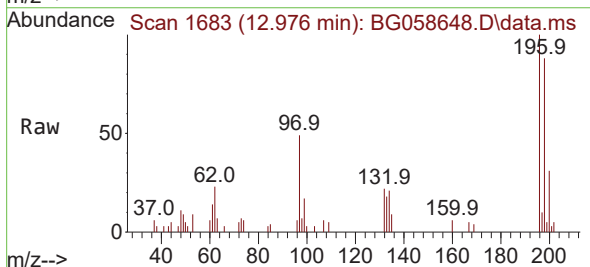
Manual Integrations

APPROVED

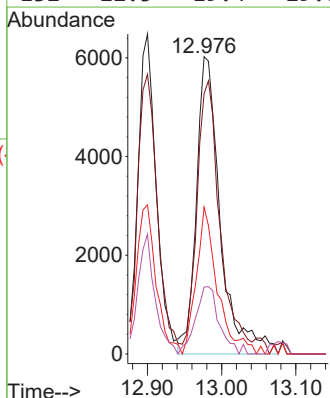
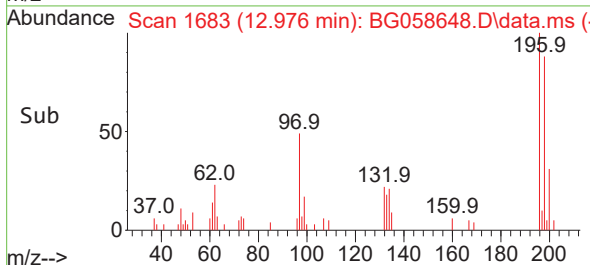
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

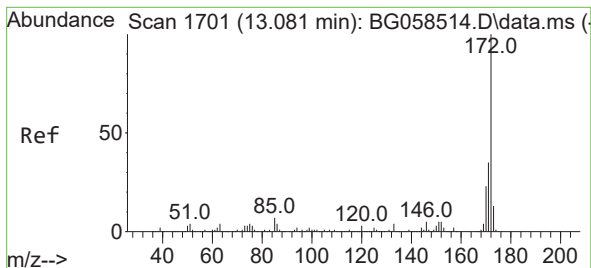


#44
2,4,5-Trichlorophenol
Concen: 3.660 ng
RT: 12.976 min Scan# 1683
Delta R.T. 0.006 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



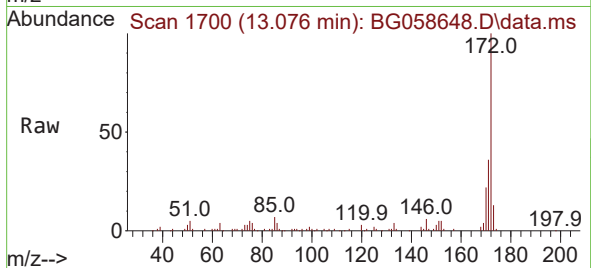
Tgt Ion:196 Resp: 13536
Ion Ratio Lower Upper
196 100
198 87.6 78.3 117.5
97 49.3 35.2 52.8
132 22.5 19.4 29.0





#45
2-Fluorobiphenyl
Concen: 7.604 ng
RT: 13.076 min Scan# 1700
Delta R.T. -0.005 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

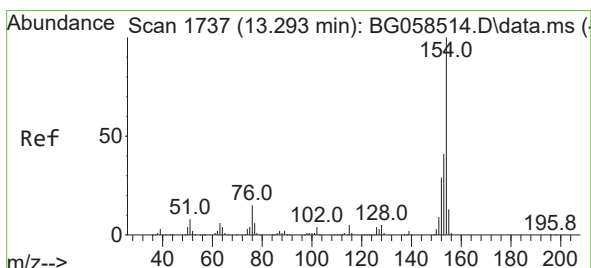
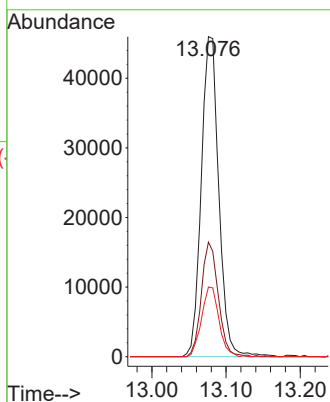
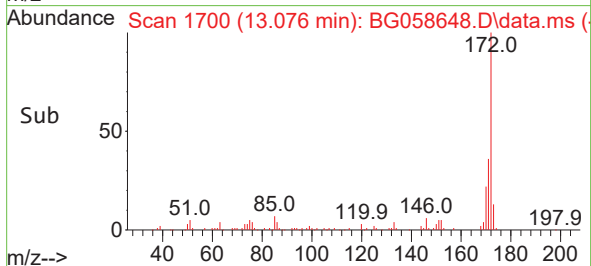
Instrument :
BNA_G
ClientSampleId :
PB154550BS



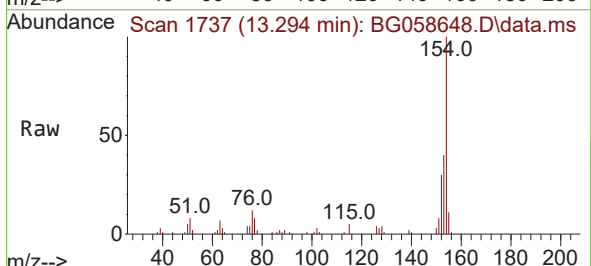
Tgt Ion:172 Resp: 75450
Ion Ratio Lower Upper
172 100
171 35.8 28.0 42.0
170 21.7 18.4 27.6

Manual Integrations
APPROVED

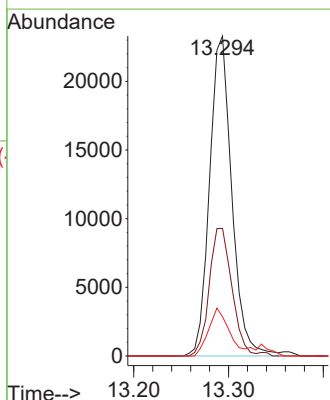
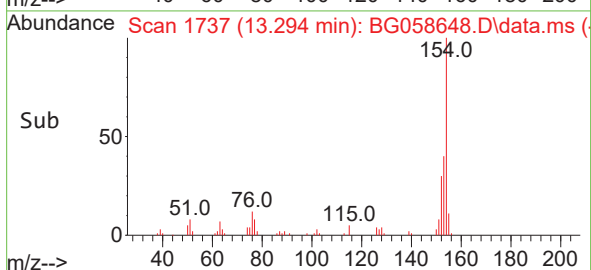
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

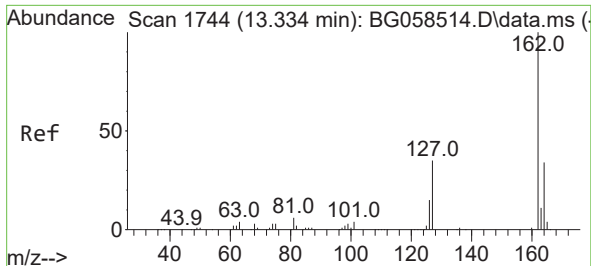


#46
1,1'-Biphenyl
Concen: 3.715 ng
RT: 13.294 min Scan# 1737
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



Tgt Ion:154 Resp: 37941
Ion Ratio Lower Upper
154 100
153 39.8 21.2 61.2
76 12.3 0.0 34.7





#47

2-Chloronaphthalene

Concen: 3.803 ng

RT: 13.335 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG058648.D

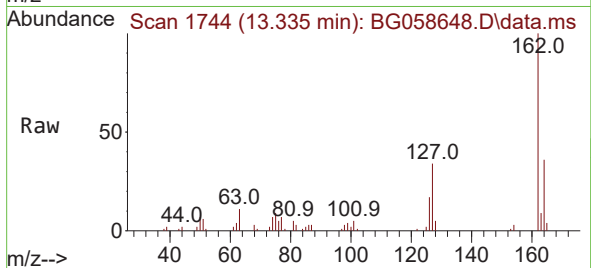
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS



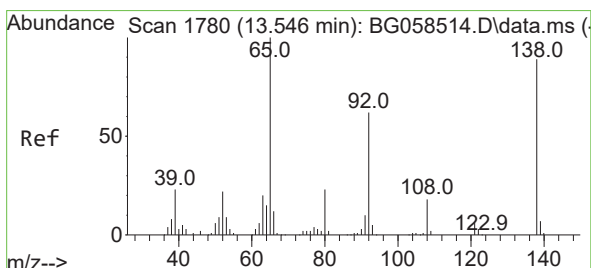
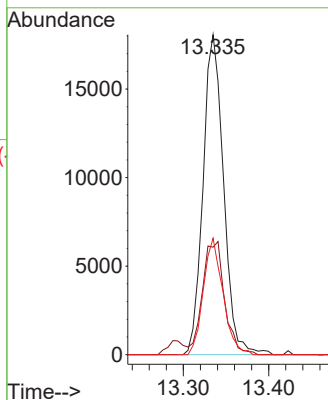
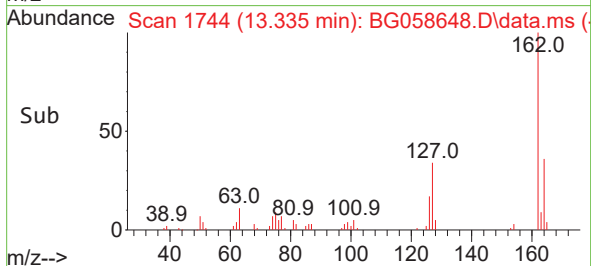
Tgt Ion:	162	Resp:	30279
Ion Ratio	Lower	Upper	
162	100		
127	33.6	30.9	46.3
164	36.4	27.2	40.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#48

2-Nitroaniline

Concen: 3.262 ng

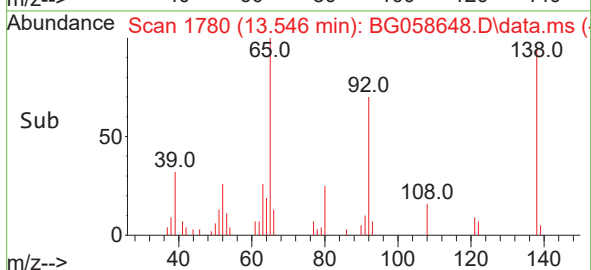
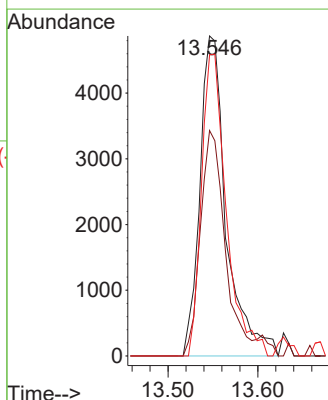
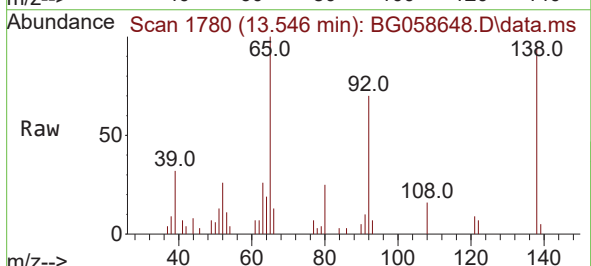
RT: 13.546 min Scan# 1780

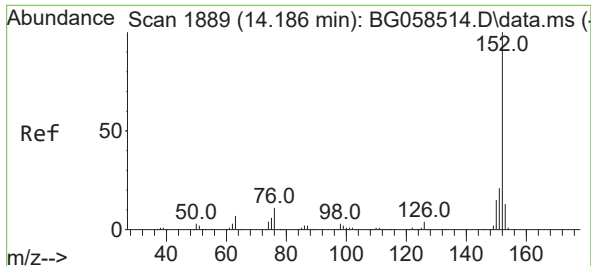
Delta R.T. 0.001 min

Lab File: BG058648.D

Acq: 8 Aug 2023 18:32

Tgt Ion:	65	Resp:	9914
Ion Ratio	Lower	Upper	
65	100		
92	70.5	49.2	73.8
138	94.1	71.5	107.3





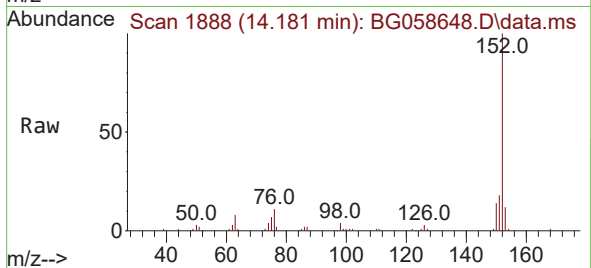
#49
Acenaphthylene
Concen: 4.007 ng
RT: 14.181 min Scan# 1888
Delta R.T. -0.005 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS

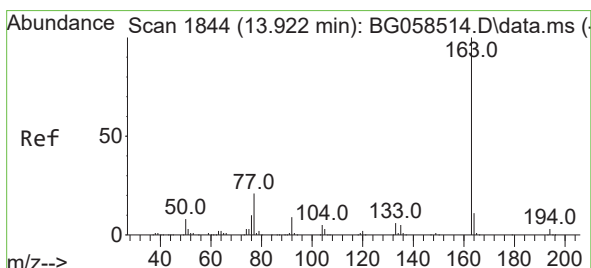
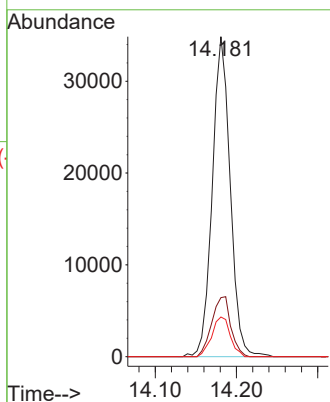
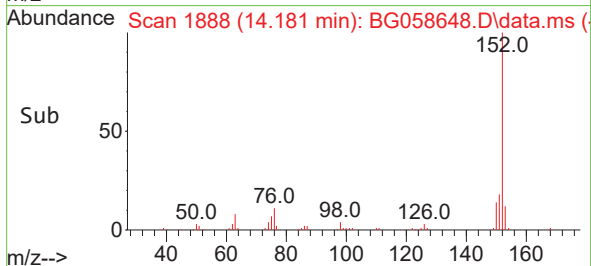


Tgt Ion:152 Resp: 5342
Ion Ratio Lower Upper
152 100
151 18.5 16.5 24.7
153 12.4 10.7 16.1

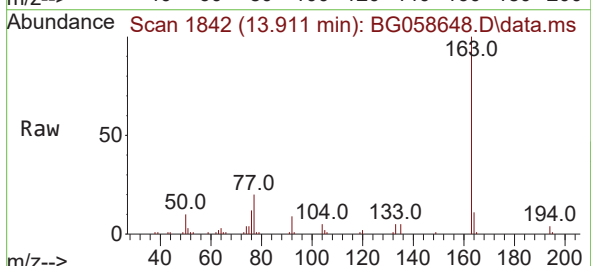
Manual Integrations

APPROVED

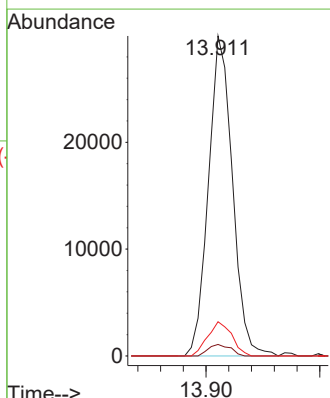
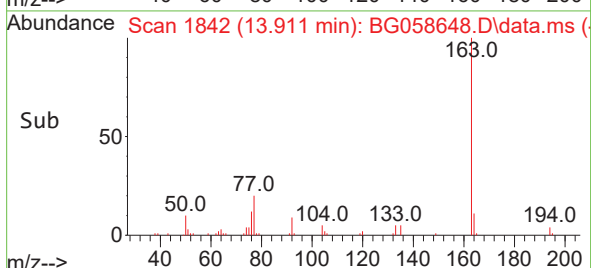
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

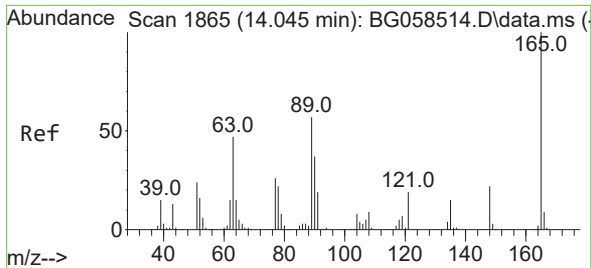


#50
Dimethylphthalate
Concen: 3.940 ng
RT: 13.911 min Scan# 1842
Delta R.T. -0.011 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



Tgt Ion:163 Resp: 43997
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.7 8.6 12.8





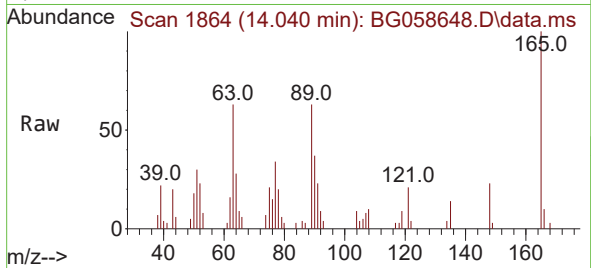
#51
2,6-Dinitrotoluene
Concen: 3.513 ng
RT: 14.040 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS



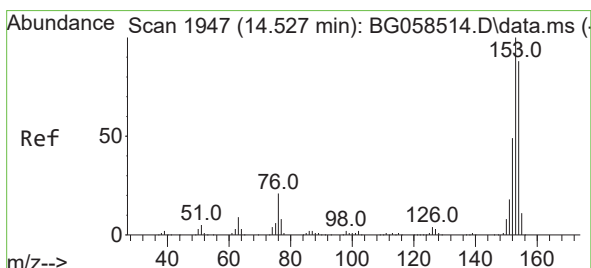
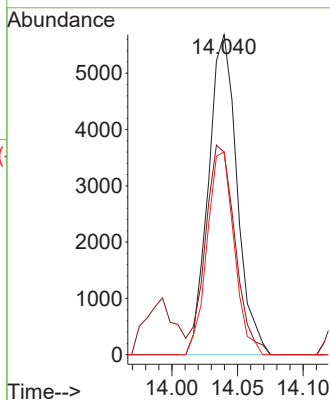
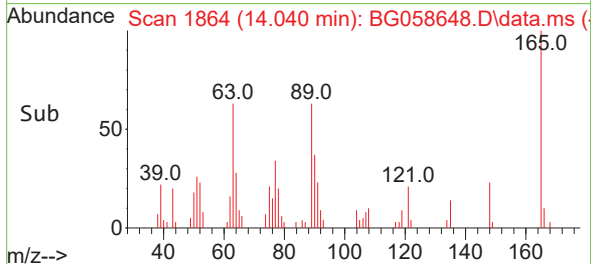
Tgt Ion:165 Resp: 8609
Ion Ratio Lower Upper
165 100
63 63.2 46.4 69.6
89 63.4 45.3 67.9

Manual Integrations

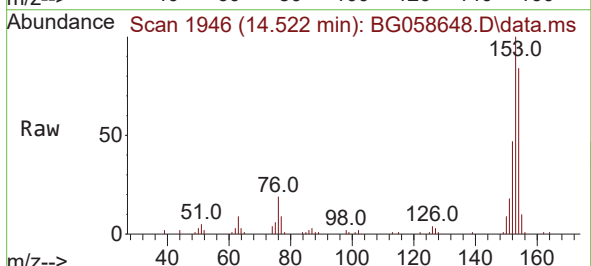
APPROVED

Reviewed By :Yogesh Patel 08/09/2023

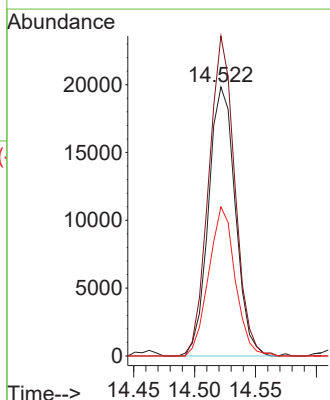
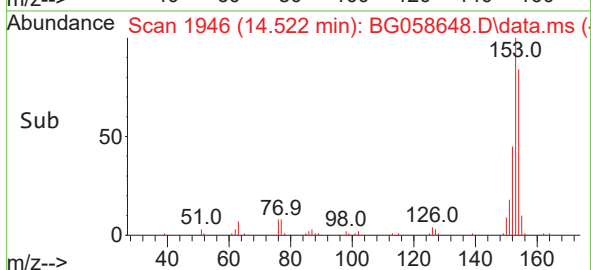
Supervised By :mohammad ahmed 08/09/2023

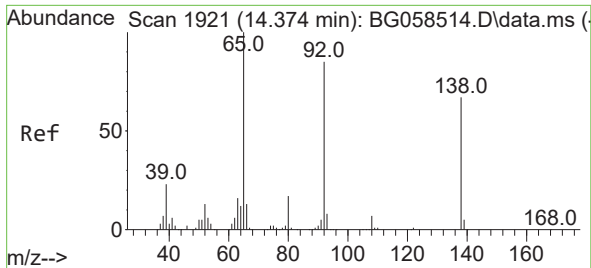


#52
Acenaphthene
Concen: 3.952 ng
RT: 14.522 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



Tgt Ion:154 Resp: 30440
Ion Ratio Lower Upper
154 100
153 119.0 91.1 136.7
152 55.5 44.6 66.8





#53
3-Nitroaniline
Concen: 3.013 ng m
RT: 14.381 min Scan# 1921
Delta R.T. 0.006 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

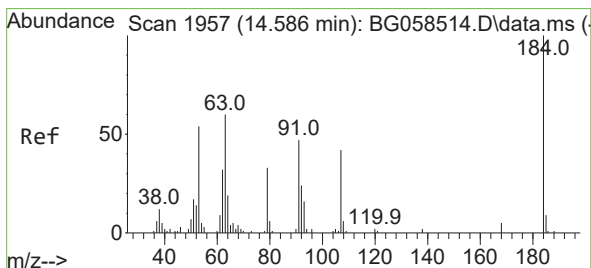
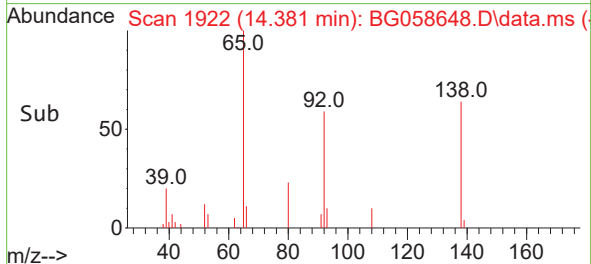
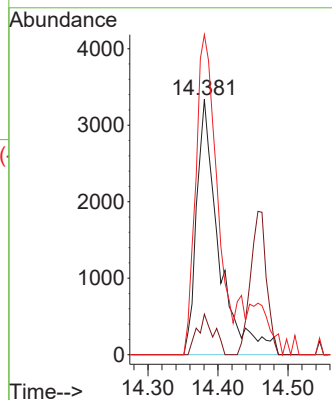
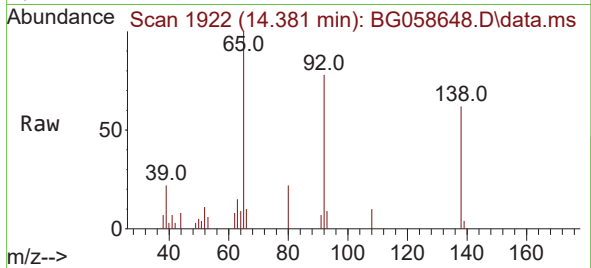
PB154550BS

Tgt Ion:138 Resp: 7380
Ion Ratio Lower Upper
138 100
108 15.8 8.3 12.5
92 125.3 101.1 151.7

Manual Integrations

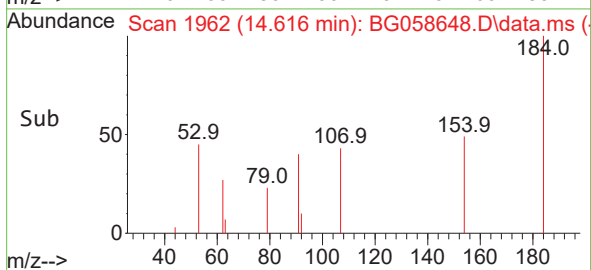
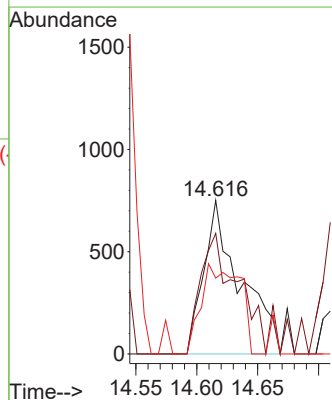
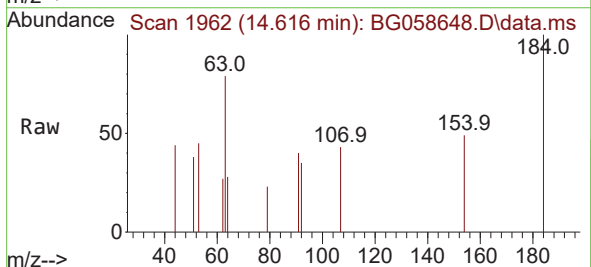
APPROVED

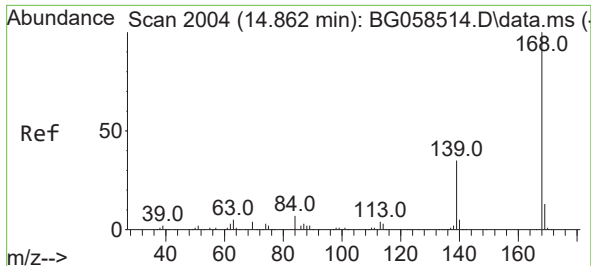
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#54
2,4-Dinitrophenol
Concen: 8.515 ng
RT: 14.616 min Scan# 1962
Delta R.T. 0.030 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Tgt Ion:184 Resp: 1570
Ion Ratio Lower Upper
184 100
63 78.6 56.7 85.1
154 49.4 46.1 69.1





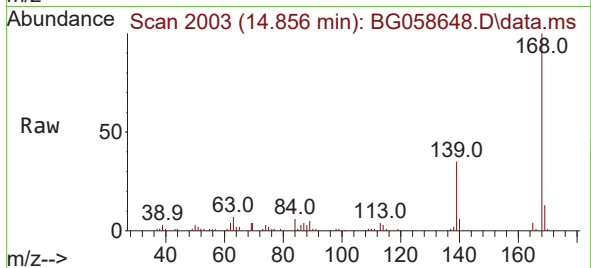
#55
Dibenzenofuran
Concen: 4.124 ng
RT: 14.856 min Scan# 2004
Delta R.T. -0.005 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS



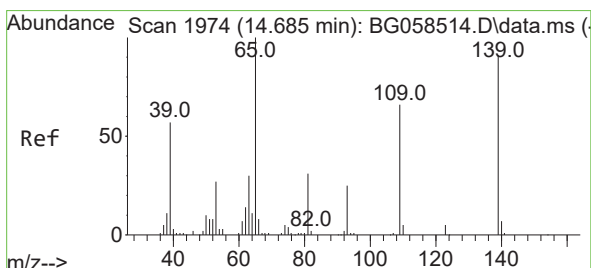
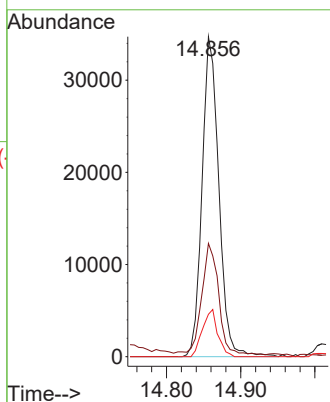
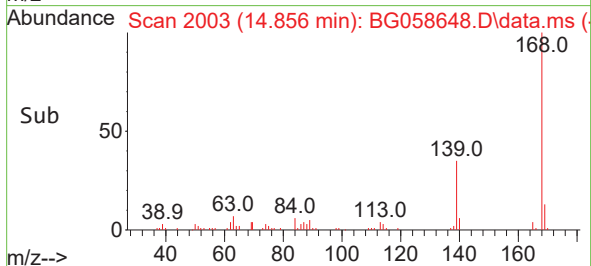
Tgt Ion:168 Resp: 54586
Ion Ratio Lower Upper
168 100
139 35.4 27.8 41.8
169 13.2 10.6 16.0

Manual Integrations

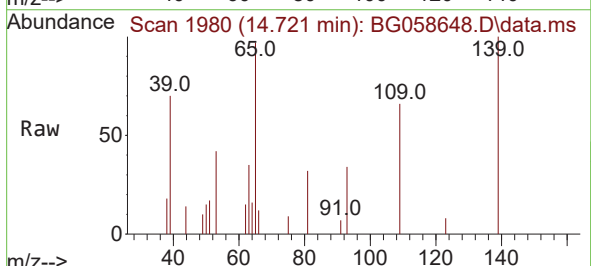
APPROVED

Reviewed By :Yogesh Patel 08/09/2023

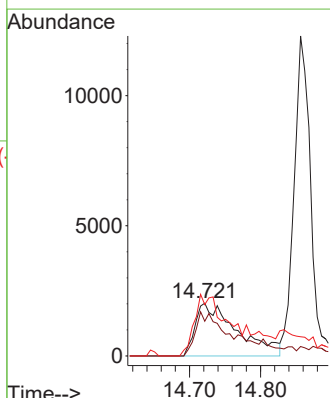
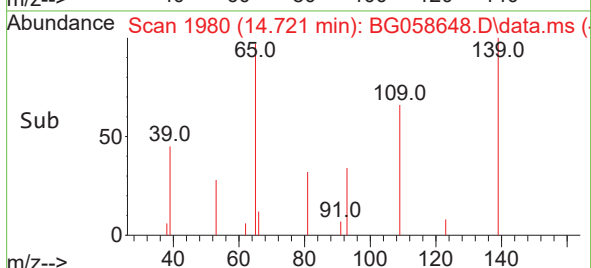
Supervised By :mohammad ahmed 08/09/2023

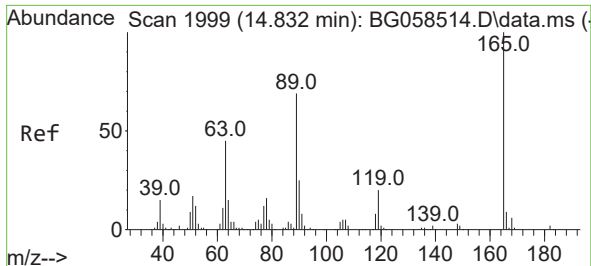


#56
4-Nitrophenol
Concen: 7.693 ng m
RT: 14.721 min Scan# 1980
Delta R.T. 0.036 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



Tgt Ion:139 Resp: 8279
Ion Ratio Lower Upper
139 100
109 65.7 52.5 92.5
65 97.2 90.5 130.5





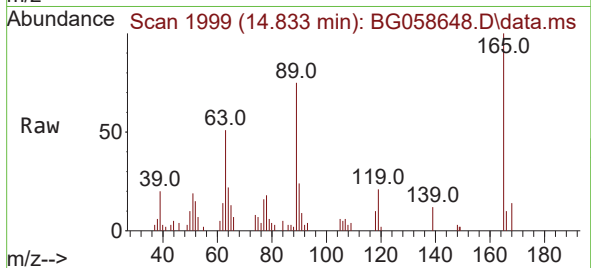
#57
2,4-Dinitrotoluene
Concen: 3.831 ng
RT: 14.833 min Scan# 1999
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS

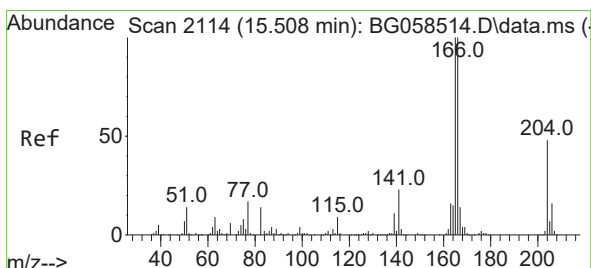
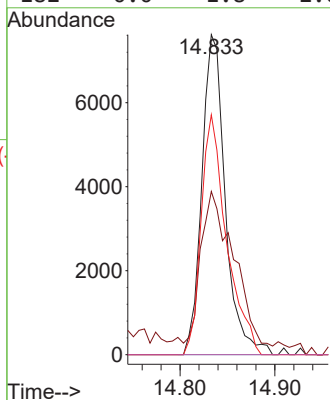
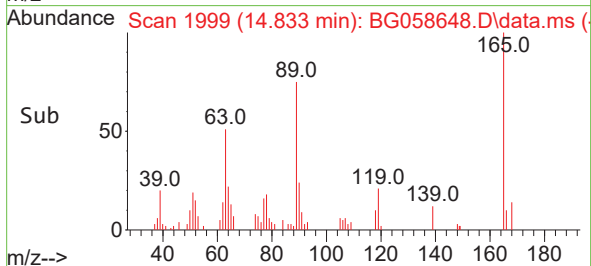


Tgt Ion:165 Resp: 13010
Ion Ratio Lower Upper
165 100
63 51.0 36.6 54.8
89 75.0 55.4 83.0
182 0.0 1.8 2.6#

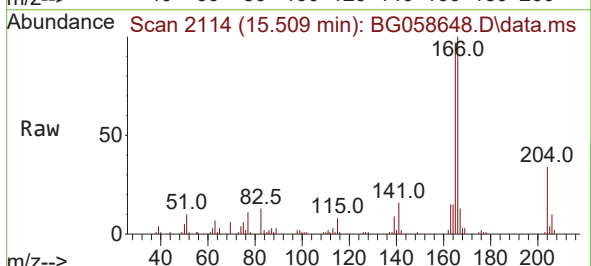
Manual Integrations

APPROVED

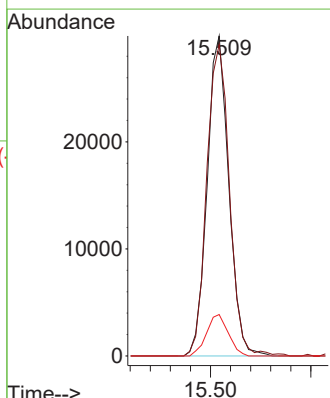
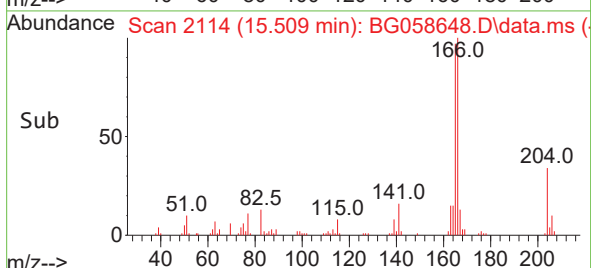
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

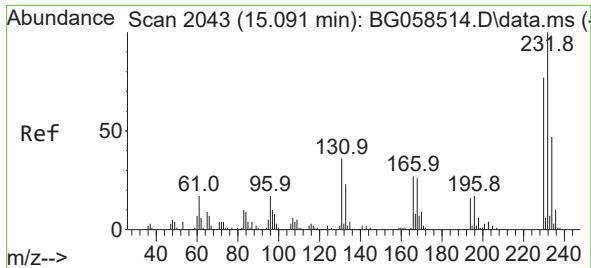


#58
Fluorene
Concen: 4.243 ng
RT: 15.509 min Scan# 2114
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



Tgt Ion:166 Resp: 44609
Ion Ratio Lower Upper
166 100
165 97.3 80.0 120.0
167 13.0 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.628 ng
RT: 15.091 min Scan# 2043
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

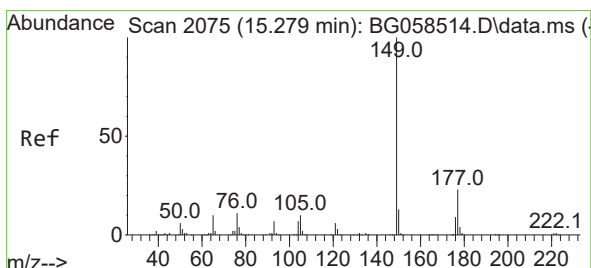
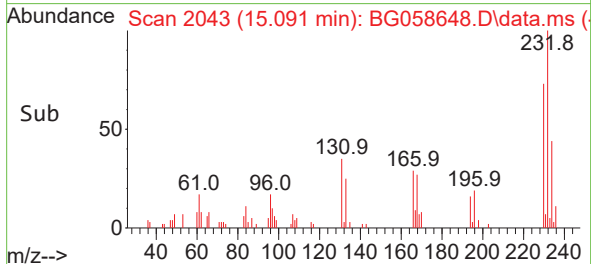
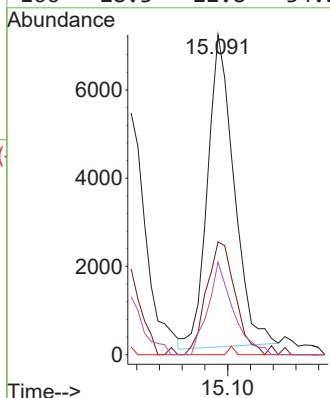
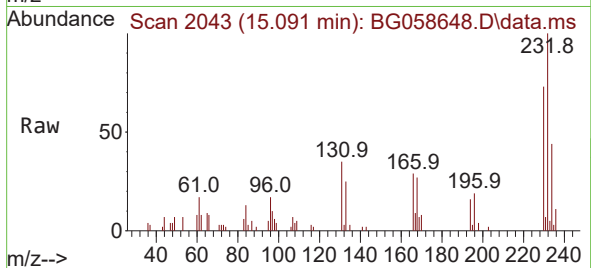
PB154550BS

Tgt Ion:232 Resp: 11450
Ion Ratio Lower Upper
232 100
131 39.1 30.0 45.0
130 0.6 1.5 2.3
166 28.3 22.8 34.2

Manual Integrations

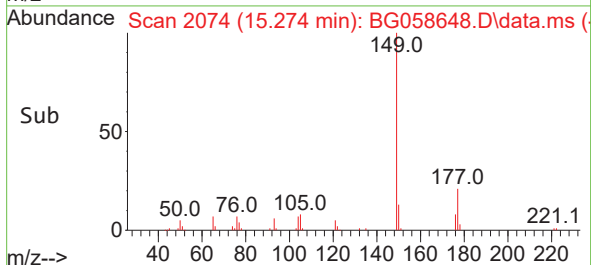
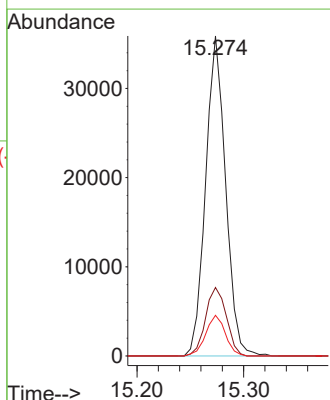
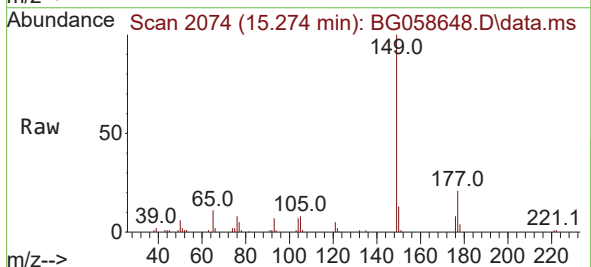
APPROVED

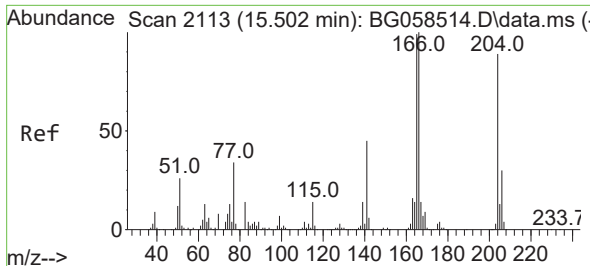
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#60
Diethylphthalate
Concen: 4.106 ng
RT: 15.274 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Tgt Ion:149 Resp: 46712
Ion Ratio Lower Upper
149 100
177 21.4 18.2 27.4
150 12.7 10.2 15.4





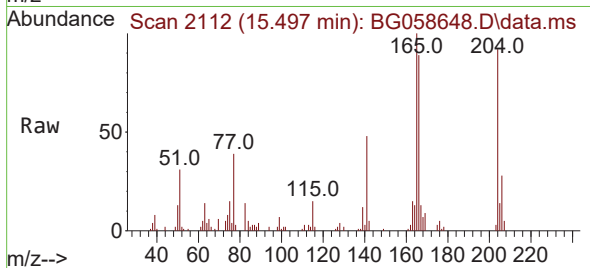
#61
4-Chlorophenyl-phenylether
Concen: 3.993 ng
RT: 15.497 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS

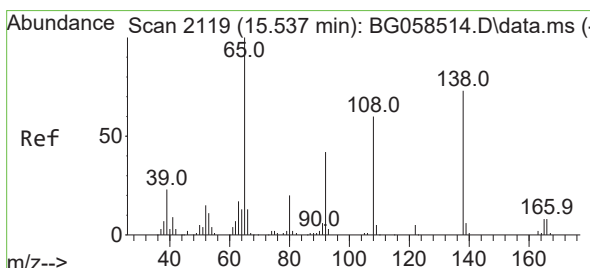
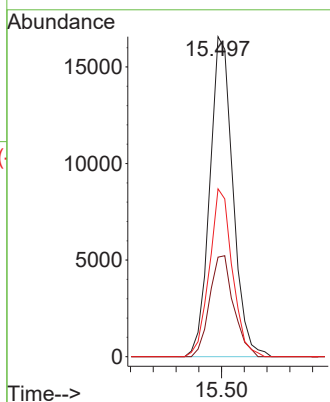
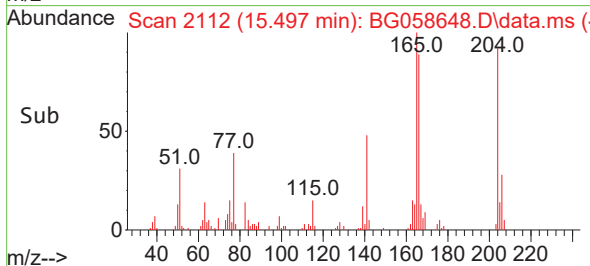


Tgt Ion:204 Resp: 2340
Ion Ratio Lower Upper
204 100
206 31.1 27.0 40.4
141 52.5 40.8 61.2

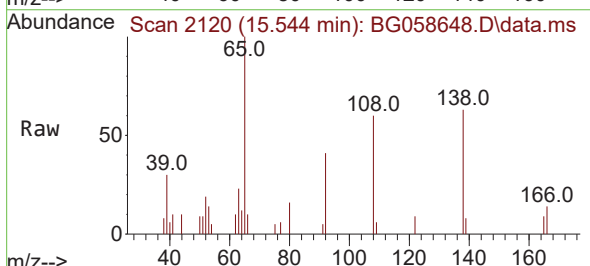
Manual Integrations

APPROVED

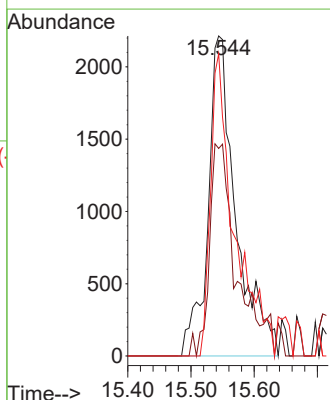
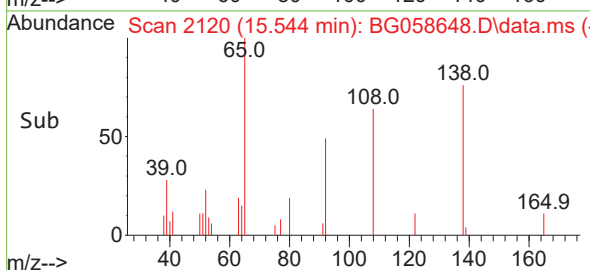
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

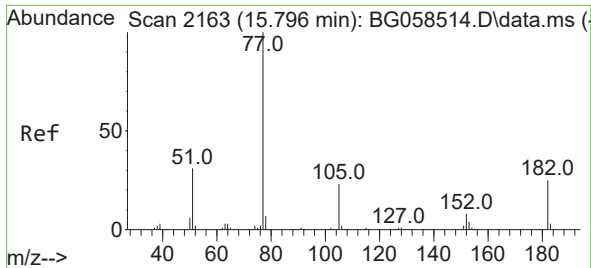


#62
4-Nitroaniline
Concen: 2.930 ng
RT: 15.544 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



Tgt Ion:138 Resp: 6804
Ion Ratio Lower Upper
138 100
92 64.9 37.3 77.3
108 94.4 62.6 102.6





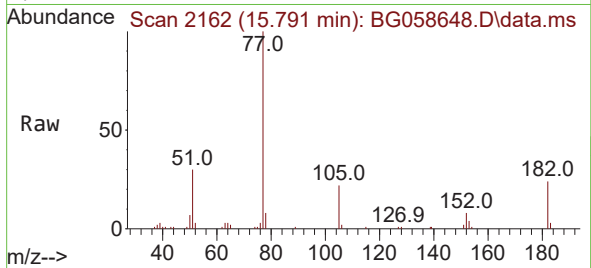
#63
Azobenzene
Concen: 4.010 ng
RT: 15.791 min Scan# 2163
Delta R.T. -0.005 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS



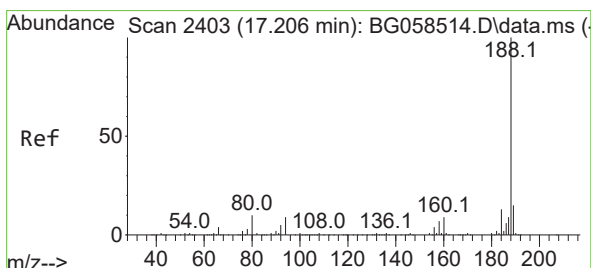
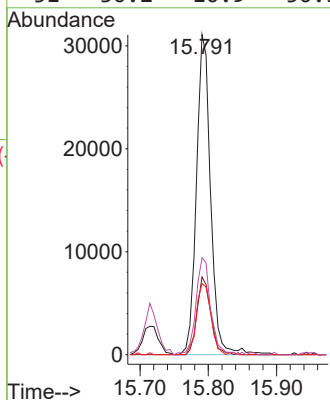
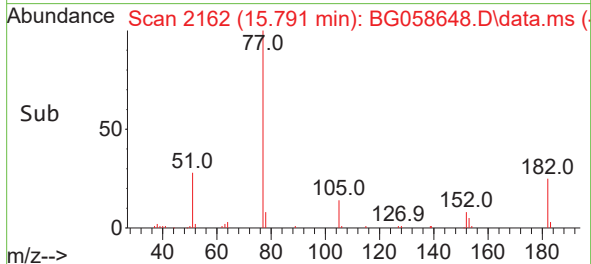
Tgt Ion: 77 Resp: 44934
Ion Ratio Lower Upper
77 100
182 24.3 4.6 44.6
105 22.2 3.3 43.3
51 30.2 10.9 50.9

Manual Integrations

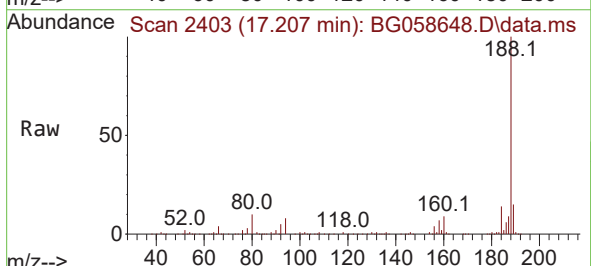
APPROVED

Reviewed By :Yogesh Patel 08/09/2023

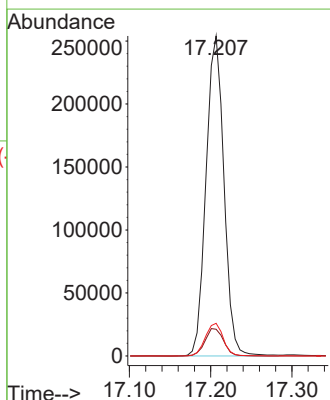
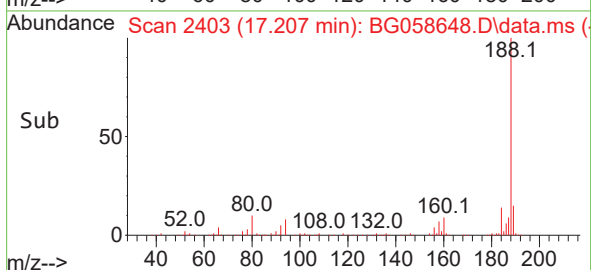
Supervised By :mohammad ahmed 08/09/2023

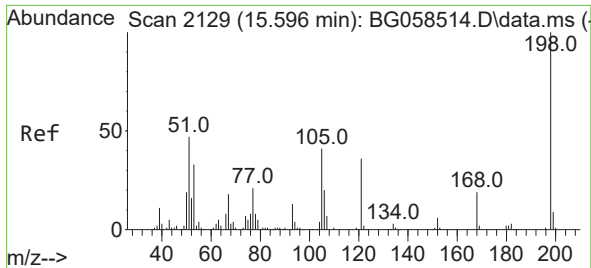


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



Tgt Ion:188 Resp: 388728
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 10.2 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 1.938 ng
RT: 15.609 min Scan# 2129
Delta R.T. 0.013 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

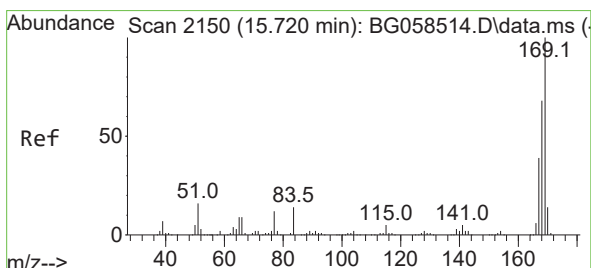
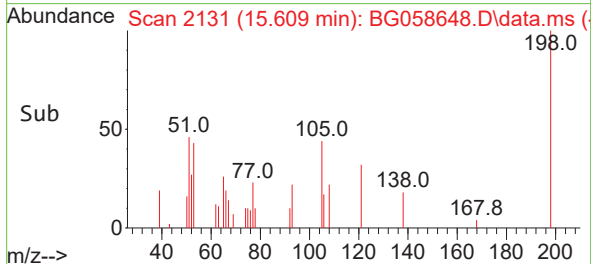
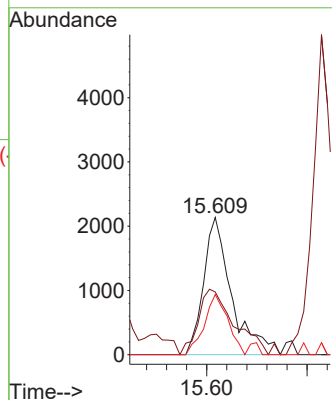
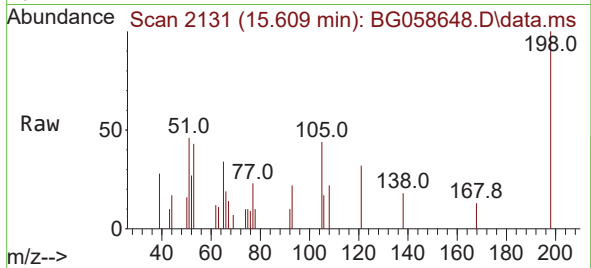
PB154550BS

Tgt Ion:198 Resp: 415
Ion Ratio Lower Upper
198 100
51 45.7 29.3 69.3
105 43.9 21.0 61.0

Manual Integrations

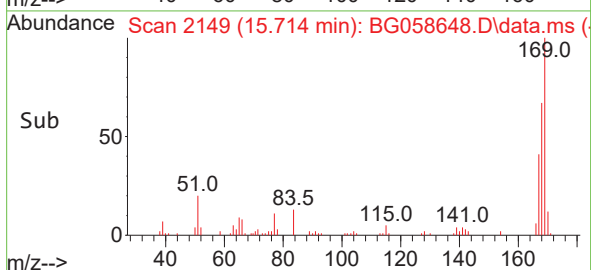
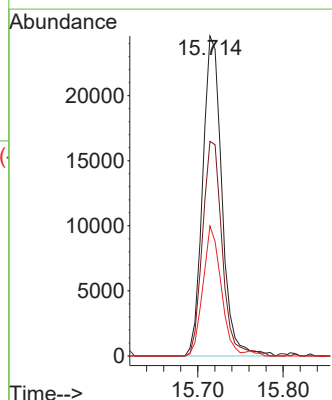
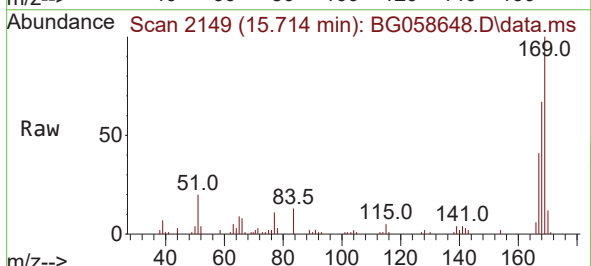
APPROVED

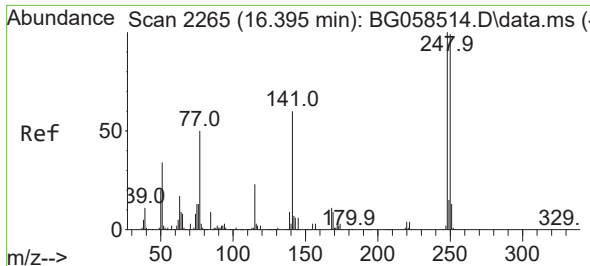
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#66
n-Nitrosodiphenylamine
Concen: 3.792 ng
RT: 15.714 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Tgt Ion:169 Resp: 38362
Ion Ratio Lower Upper
169 100
168 67.0 54.6 82.0
167 40.6 31.3 46.9





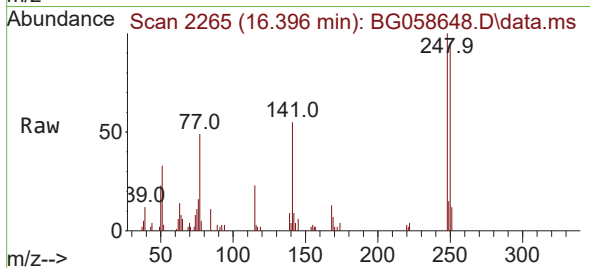
#67
4-Bromophenyl-phenylether
Concen: 3.624 ng
RT: 16.396 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS

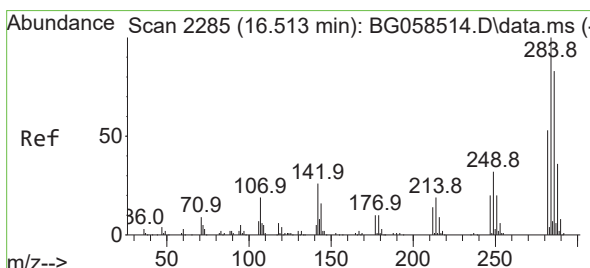
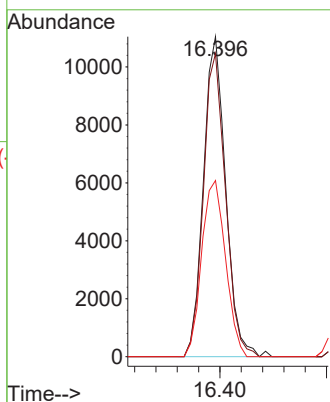
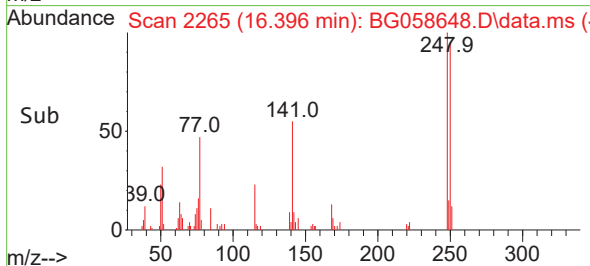


Tgt Ion:248 Resp: 15980
Ion Ratio Lower Upper
248 100
250 94.8 79.5 119.3
141 55.0 48.2 72.2

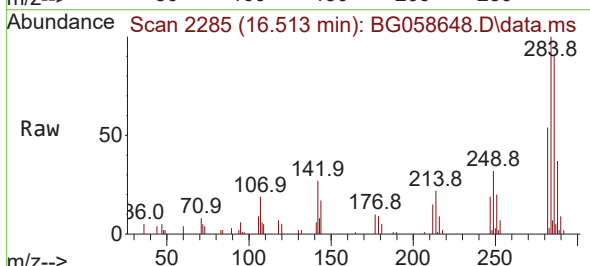
Manual Integrations

APPROVED

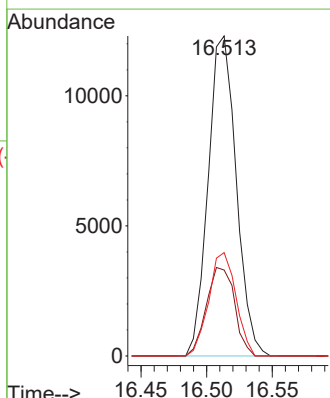
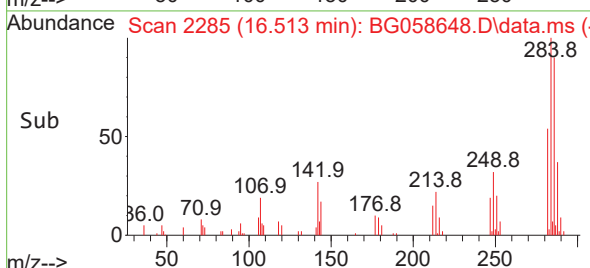
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

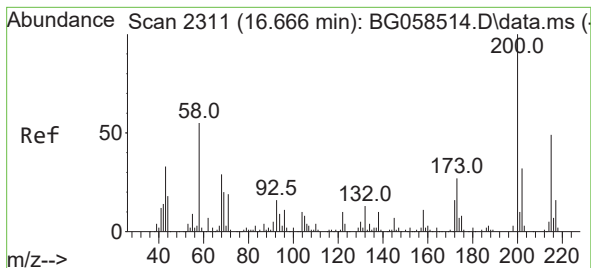


#68
Hexachlorobenzene
Concen: 3.917 ng
RT: 16.513 min Scan# 2285
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



Tgt Ion:284 Resp: 18302
Ion Ratio Lower Upper
284 100
142 26.9 21.0 31.4
249 32.3 25.5 38.3





#69

Atrazine

Concen: 4.474 ng

RT: 16.660 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG058648.D

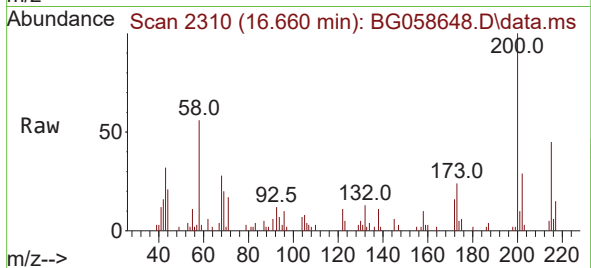
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS



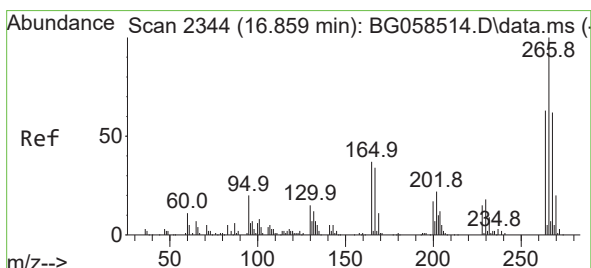
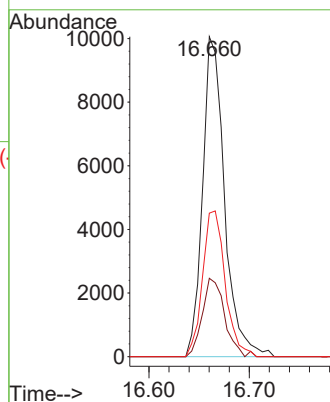
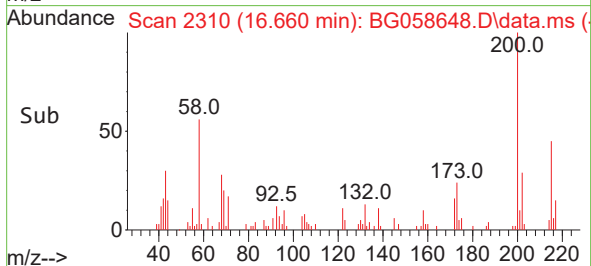
Tgt Ion:	200	Resp:	15279
Ion Ratio	Lower	Upper	
200	100		
173	24.5	6.5	46.5
215	44.9	28.9	68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#70

Pentachlorophenol

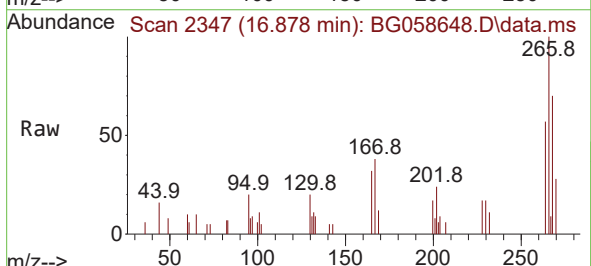
Concen: 3.883 ng m

RT: 16.878 min Scan# 2347

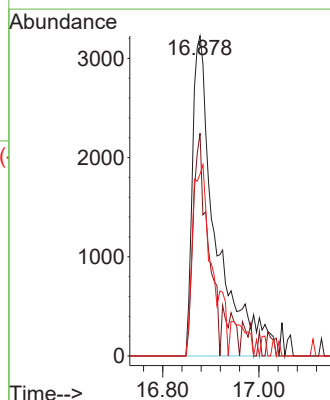
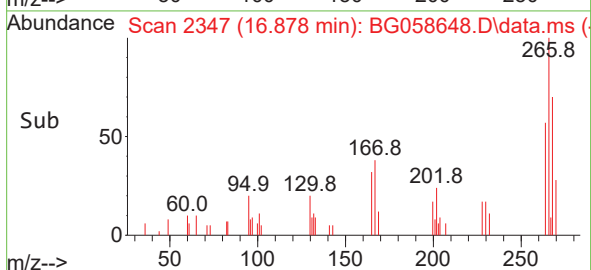
Delta R.T. 0.019 min

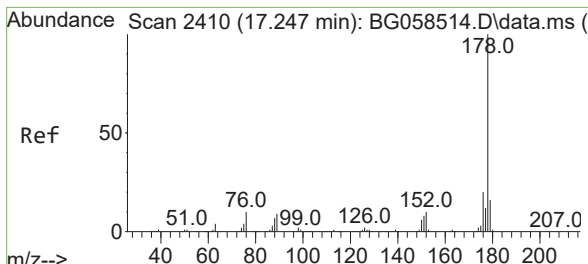
Lab File: BG058648.D

Acq: 8 Aug 2023 18:32



Tgt Ion:	266	Resp:	10980
Ion Ratio	Lower	Upper	
266	100		
268	69.6	49.9	74.9
264	56.8	50.2	75.4





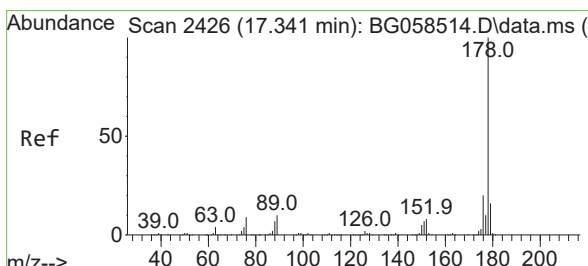
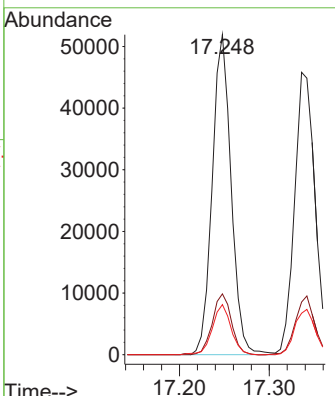
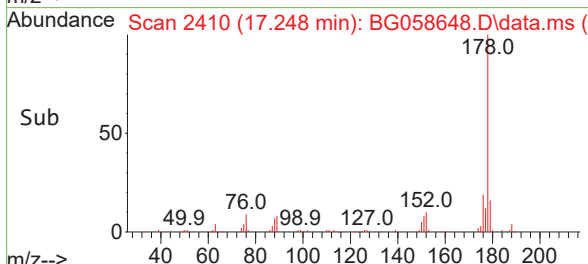
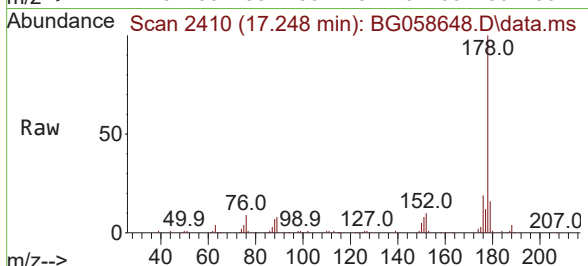
#71
 Phenanthrene
 Concen: 4.118 ng
 RT: 17.248 min Scan# 2410
 Delta R.T. 0.001 min
 Lab File: BG058648.D
 Acq: 8 Aug 2023 18:32

Instrument : BNA_G
 ClientSampleId : PB154550BS

Tgt Ion:	178	Resp:	7592
Ion Ratio	Lower	Upper	
178	100		
176	19.0	16.3	24.5
179	15.7	13.1	19.7

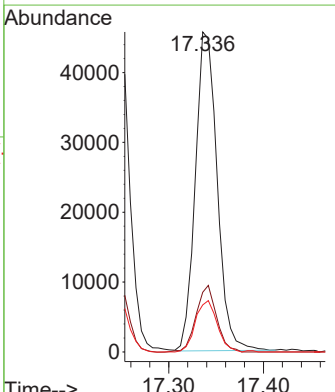
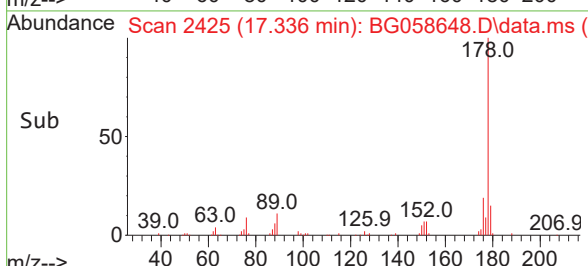
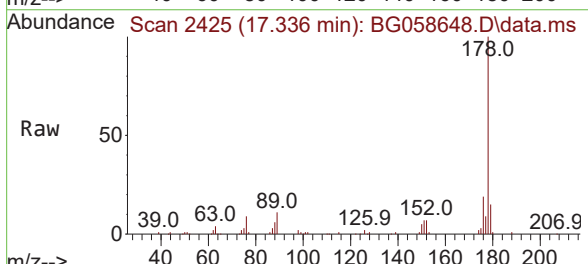
Manual Integrations
 APPROVED

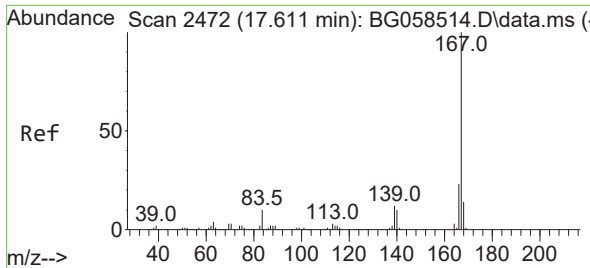
Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023



#72
 Anthracene
 Concen: 3.855 ng
 RT: 17.336 min Scan# 2425
 Delta R.T. -0.005 min
 Lab File: BG058648.D
 Acq: 8 Aug 2023 18:32

Tgt Ion:	178	Resp:	72930
Ion Ratio	Lower	Upper	
178	100		
176	18.7	16.0	24.0
179	14.7	12.9	19.3





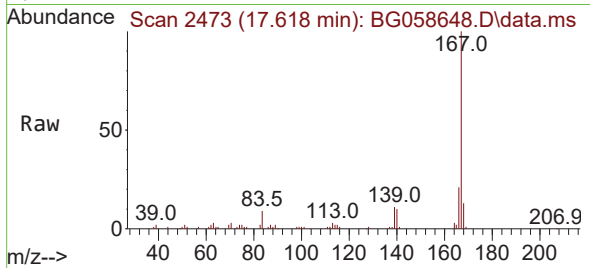
#73
 Carbazole
 Concen: 3.992 ng
 RT: 17.618 min Scan# 2473
 Delta R.T. 0.006 min
 Lab File: BG058648.D
 Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS

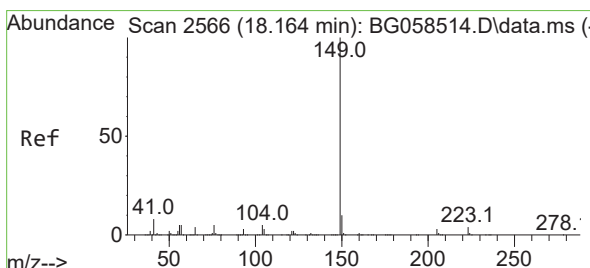
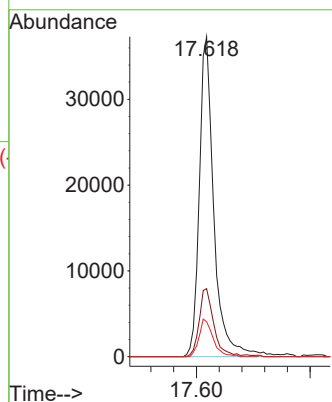
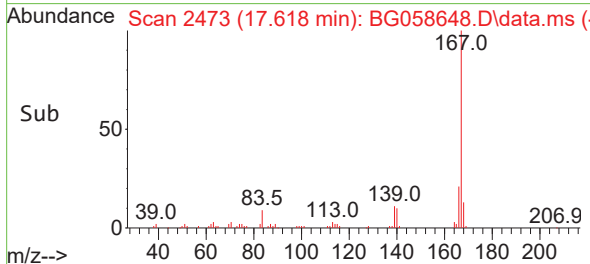


Tgt Ion:167 Resp: 66589
 Ion Ratio Lower Upper
 167 100
 166 21.3 18.4 27.6
 139 10.9 10.0 15.0

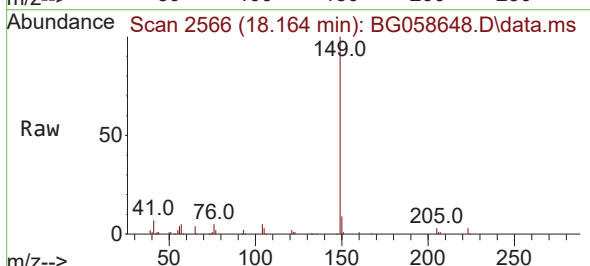
Manual Integrations

APPROVED

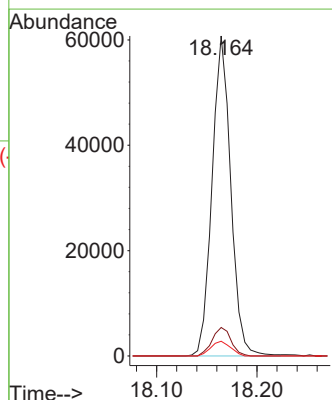
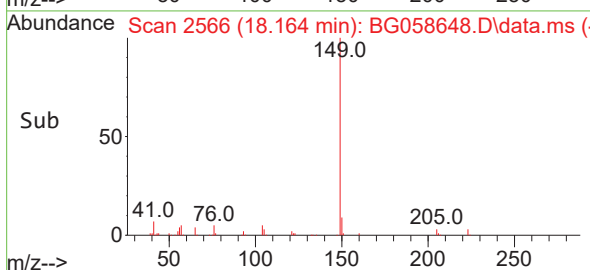
Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

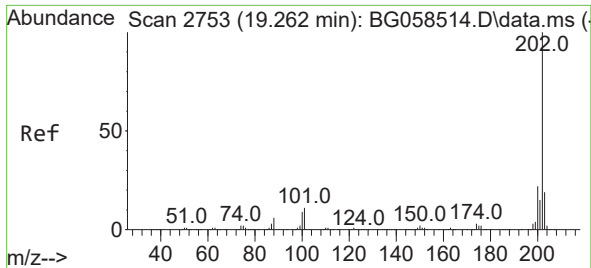


#74
 Di-n-butylphthalate
 Concen: 3.764 ng
 RT: 18.164 min Scan# 2566
 Delta R.T. 0.001 min
 Lab File: BG058648.D
 Acq: 8 Aug 2023 18:32



Tgt Ion:149 Resp: 78645
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.8 11.6
 104 4.6 4.0 6.0





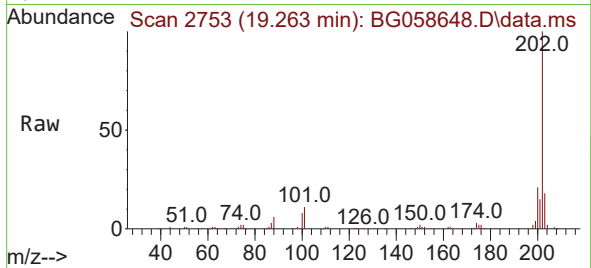
#75
Fluoranthene
Concen: 4.021 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS



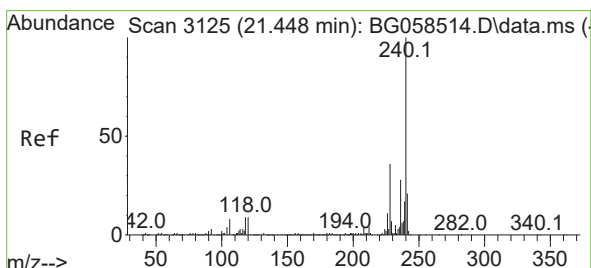
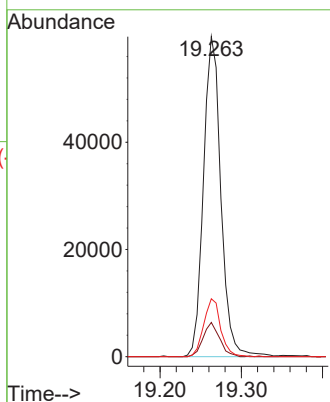
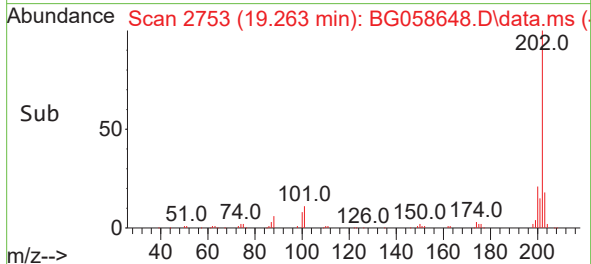
Tgt Ion:202 Resp: 89038
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.4
203 18.1 0.0 39.0

Manual Integrations

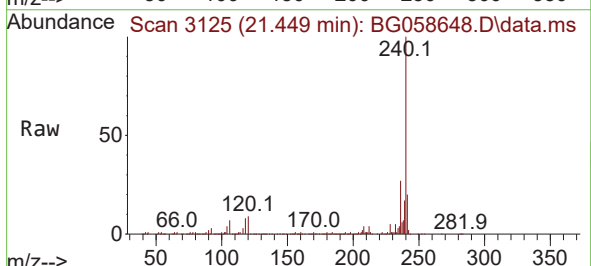
APPROVED

Reviewed By :Yogesh Patel 08/09/2023

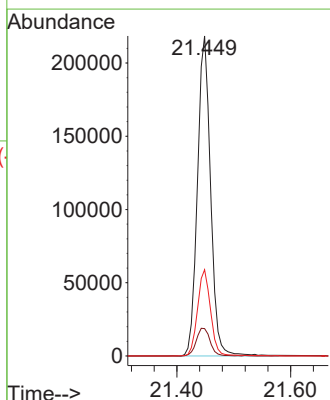
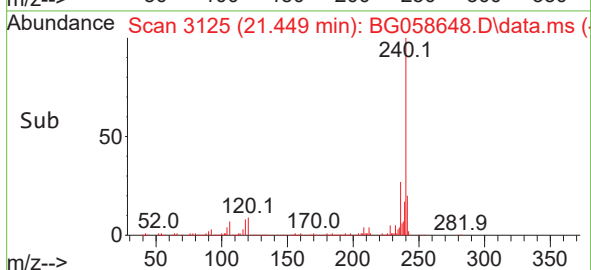
Supervised By :mohammad ahmed 08/09/2023

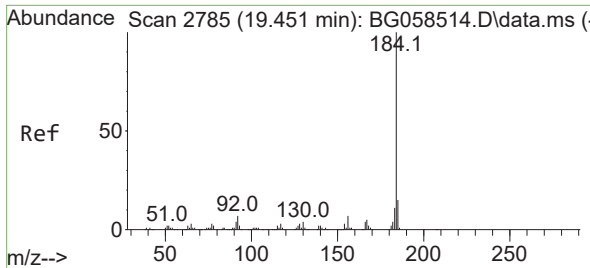


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



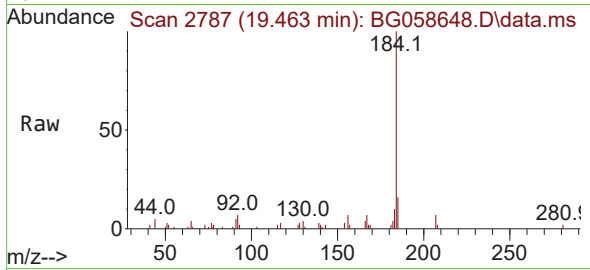
Tgt Ion:240 Resp: 351578
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.0
236 27.0 22.2 33.4





#77
Benzidine
Concen: 5.690 ng
RT: 19.463 min Scan# 21
Delta R.T. 0.012 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

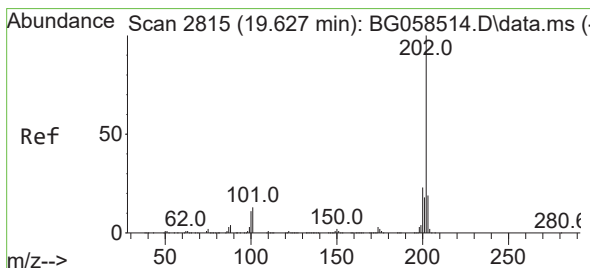
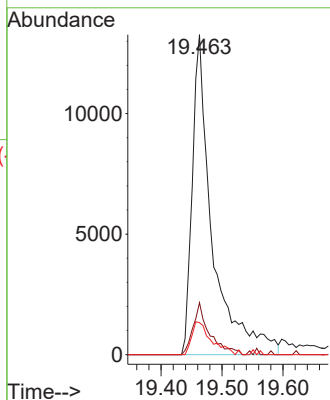
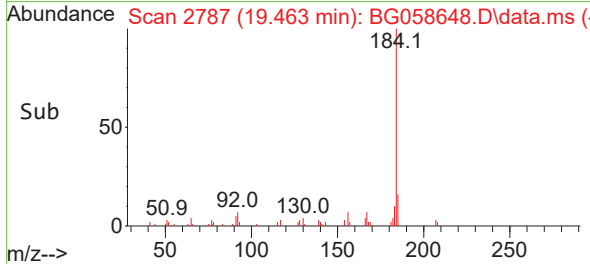
Instrument :
BNA_G
ClientSampleId :
PB154550BS



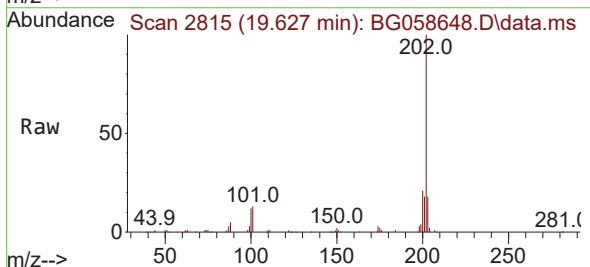
Tgt Ion:184 Resp: 3033
Ion Ratio Lower Upper
184 100
185 16.3 11.9 17.9
183 10.0 8.7 13.1

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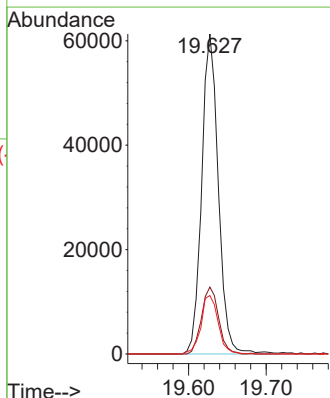
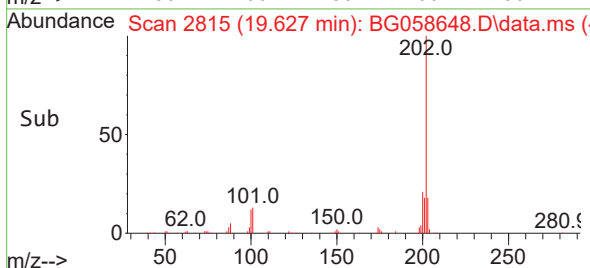
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

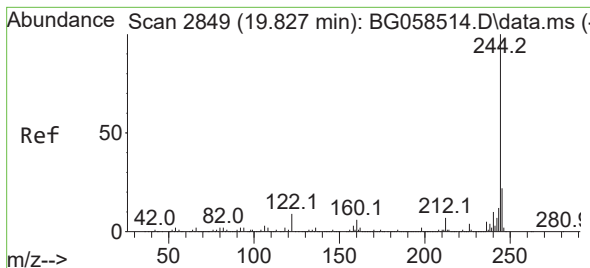


#78
Pyrene
Concen: 3.826 ng
RT: 19.627 min Scan# 2815
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



Tgt Ion:202 Resp: 91539
Ion Ratio Lower Upper
202 100
200 20.9 18.2 27.2
203 18.2 15.1 22.7





#79

Terphenyl-d14

Concen: 8.240 ng

RT: 19.821 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG058648.D

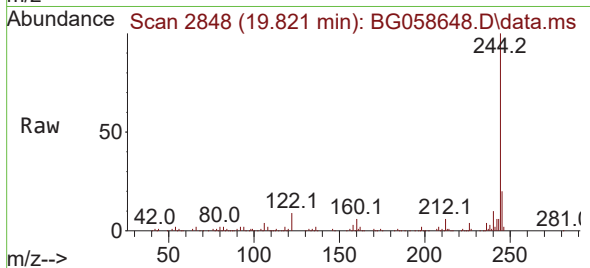
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS



Tgt Ion:244 Resp: 15404

Ion Ratio Lower Upper

244 100

212 6.3 5.9 8.9

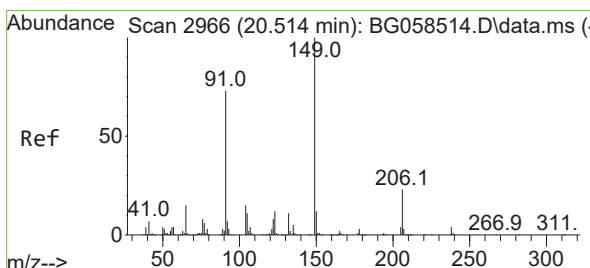
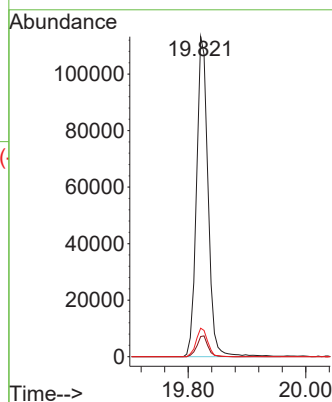
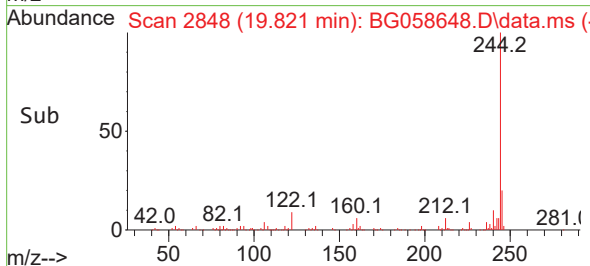
122 8.9 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#80

Butylbenzylphthalate

Concen: 3.588 ng

RT: 20.515 min Scan# 2966

Delta R.T. 0.001 min

Lab File: BG058648.D

Acq: 8 Aug 2023 18:32

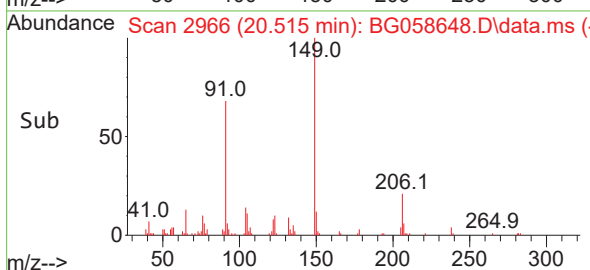
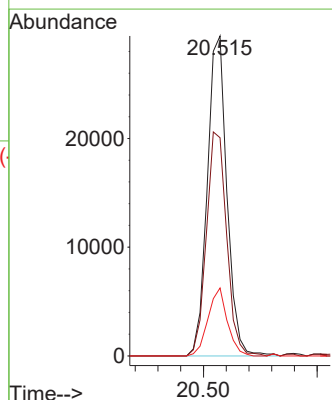
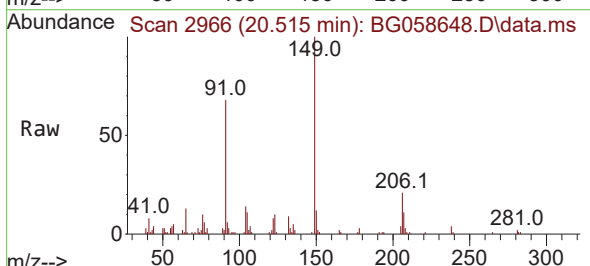
Tgt Ion:149 Resp: 35261

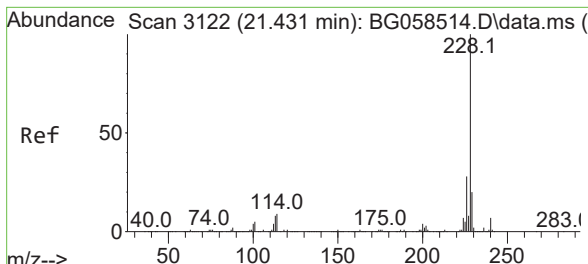
Ion Ratio Lower Upper

149 100

91 68.2 58.4 87.6

206 21.2 18.3 27.5





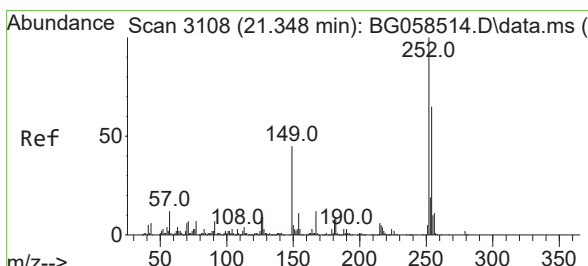
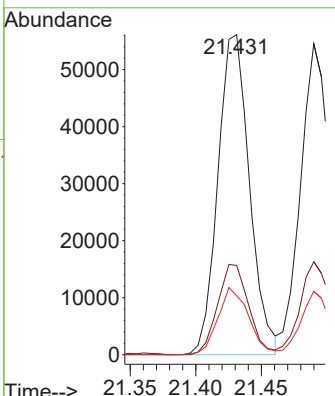
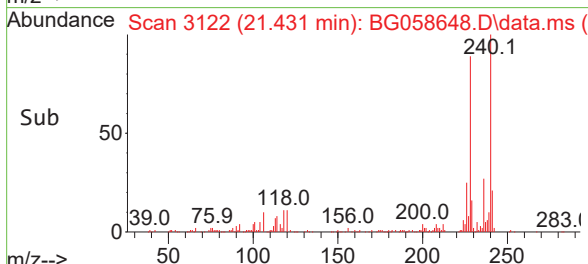
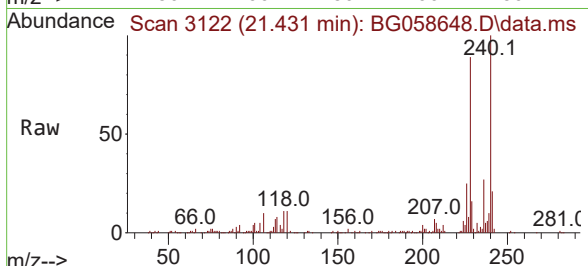
#81
 Benzo(a)anthracene
 Concen: 3.886 ng
 RT: 21.431 min Scan# 3112
 Delta R.T. 0.001 min
 Lab File: BG058648.D
 Acq: 8 Aug 2023 18:32

Instrument : BNA_G
 ClientSampleId : PB154550BS

Tgt Ion:	228	Resp:	94029
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.6	33.8
229	18.4	16.3	24.5

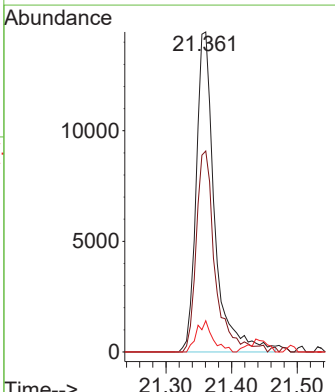
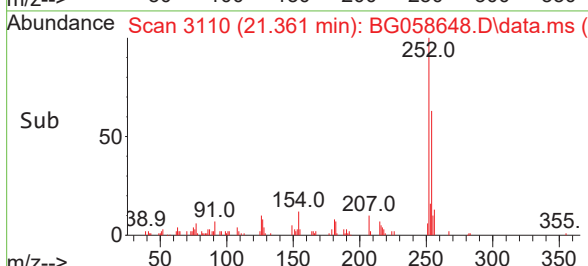
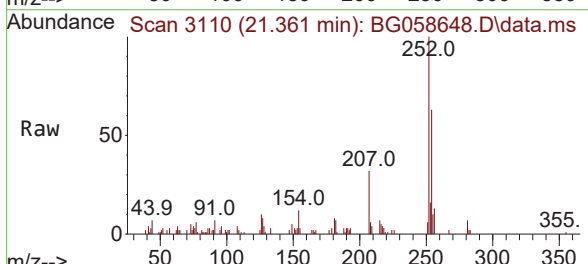
Manual Integrations
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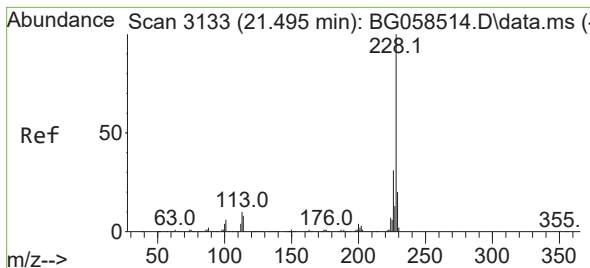
Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023



#82
 3,3'-Dichlorobenzidine
 Concen: 3.466 ng
 RT: 21.361 min Scan# 3110
 Delta R.T. 0.012 min
 Lab File: BG058648.D
 Acq: 8 Aug 2023 18:32

Tgt Ion:	252	Resp:	28350
Ion Ratio	Lower	Upper	
252	100		
254	62.8	52.2	78.4
126	9.7	7.2	10.8





#83

Chrysene

Concen: 3.740 ng

RT: 21.490 min Scan# 3133

Delta R.T. -0.005 min

Lab File: BG058648.D

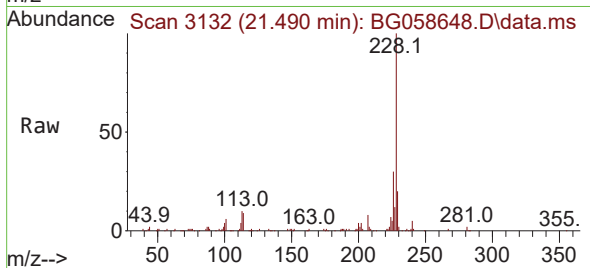
Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS



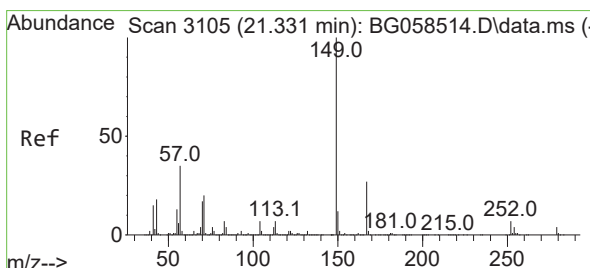
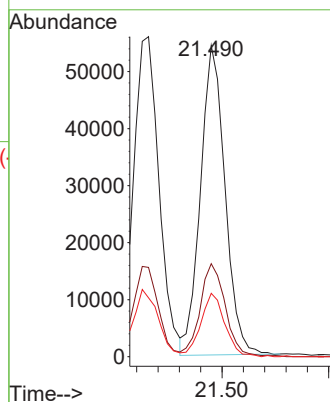
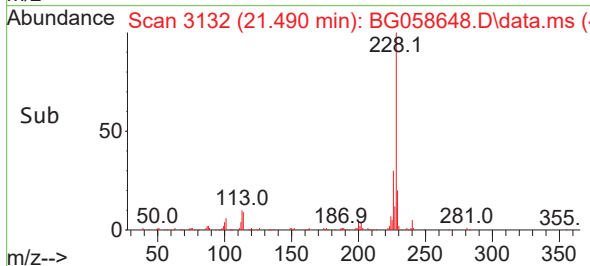
Tgt Ion:	228	Resp:	86752
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.0	37.6
229	20.4	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.680 ng

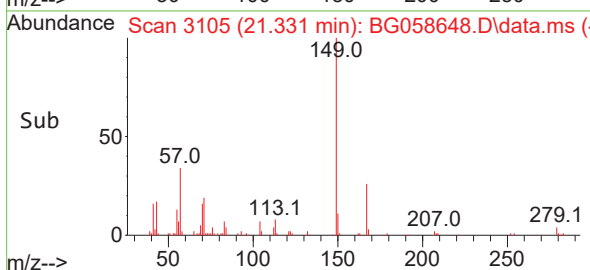
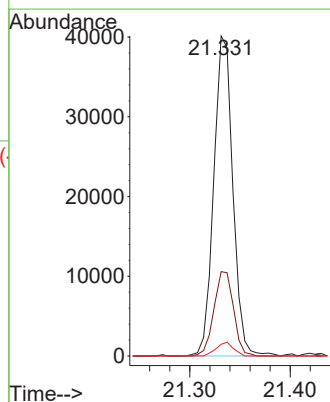
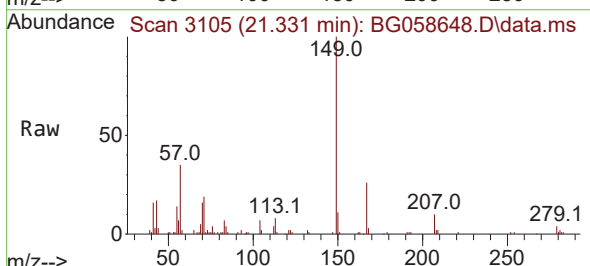
RT: 21.331 min Scan# 3105

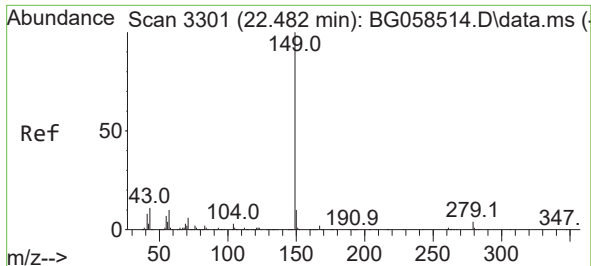
Delta R.T. 0.001 min

Lab File: BG058648.D

Acq: 8 Aug 2023 18:32

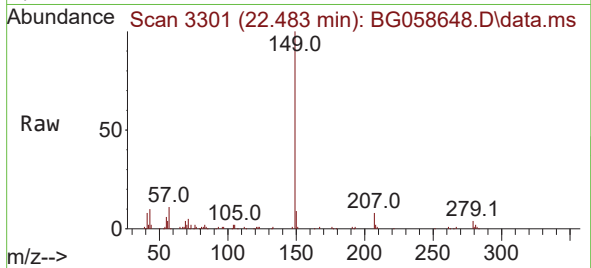
Tgt Ion:	149	Resp:	52848
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.8	32.8
279	3.6	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 3.579 ng
RT: 22.483 min Scan# 3301
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

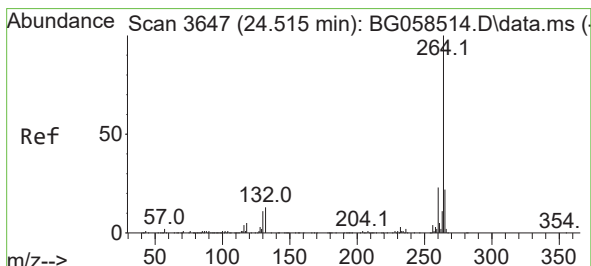
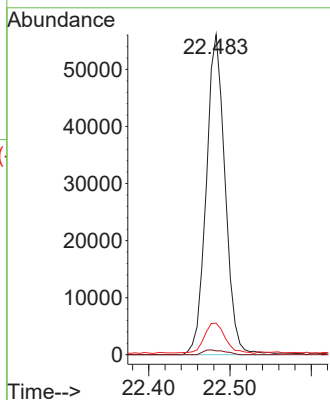
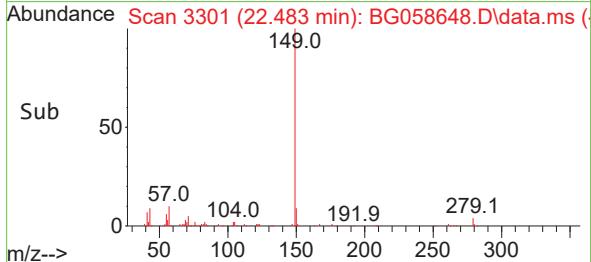
Instrument :
BNA_G
ClientSampleId :
PB154550BS



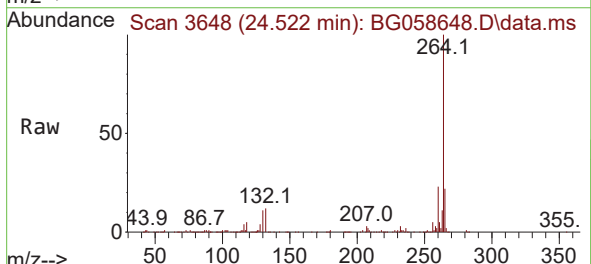
Tgt Ion:149 Resp: 9037
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.6 8.2 12.2

Manual Integrations
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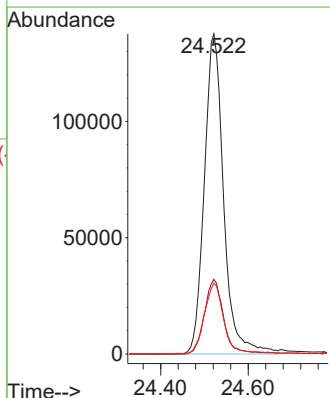
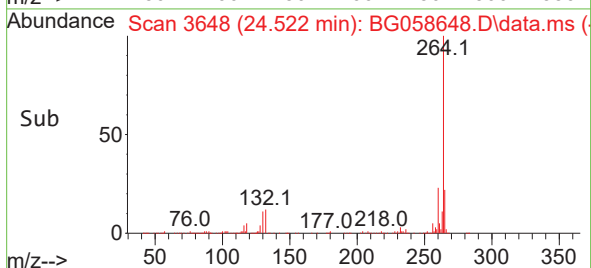
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

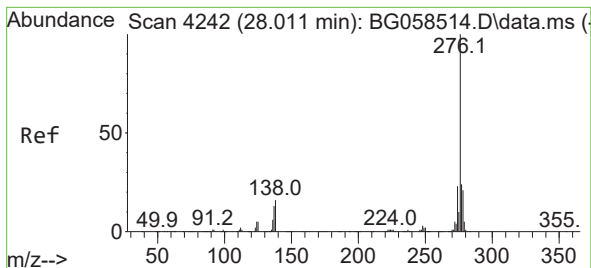


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.522 min Scan# 3648
Delta R.T. 0.006 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



Tgt Ion:264 Resp: 422418
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 22.1 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.632 ng m

RT: 28.017 min Scan# 4242

Delta R.T. 0.006 min

Lab File: BG058648.D

Acq: 8 Aug 2023 18:32

Instrument :

BNA_G

ClientSampleId :

PB154550BS

Tgt Ion:276 Resp: 10206

Ion Ratio Lower Upper

276 100

138 7.8 16.0 24.0

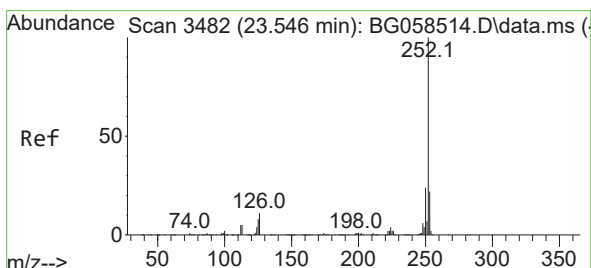
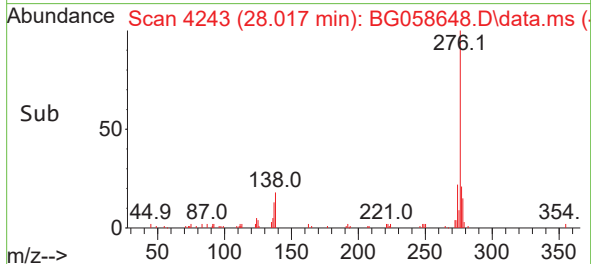
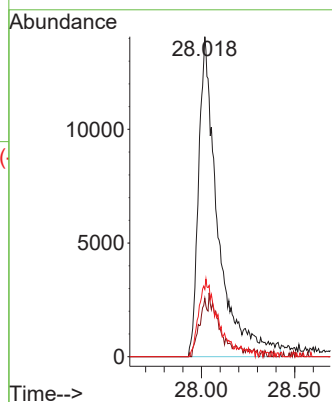
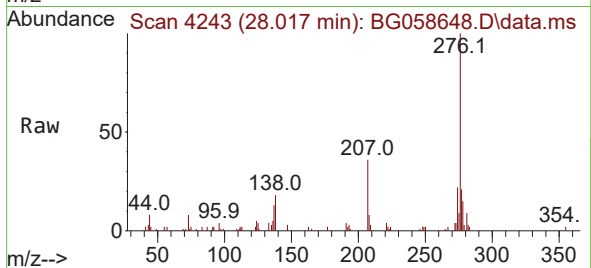
277 22.6 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#88

Benzo(b)fluoranthene

Concen: 3.923 ng

RT: 23.540 min Scan# 3481

Delta R.T. -0.005 min

Lab File: BG058648.D

Acq: 8 Aug 2023 18:32

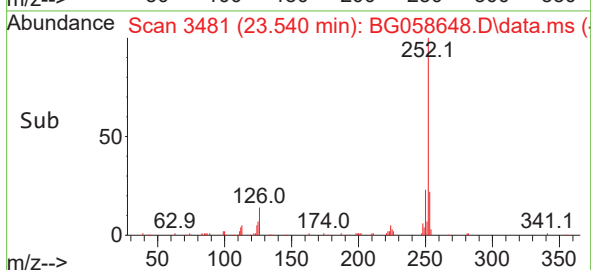
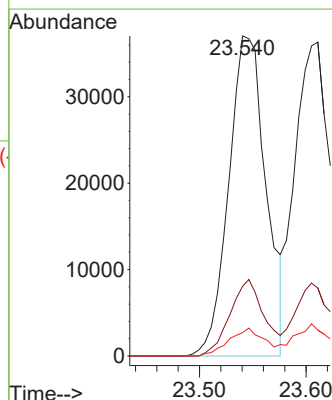
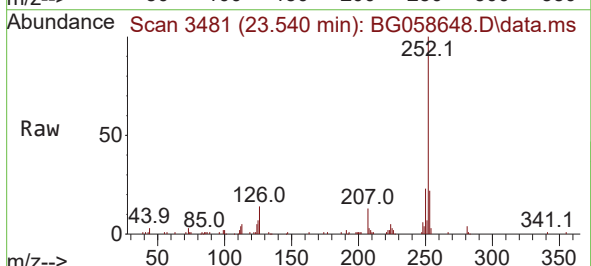
Tgt Ion:252 Resp: 89873

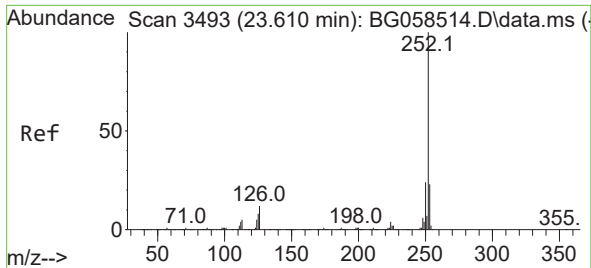
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

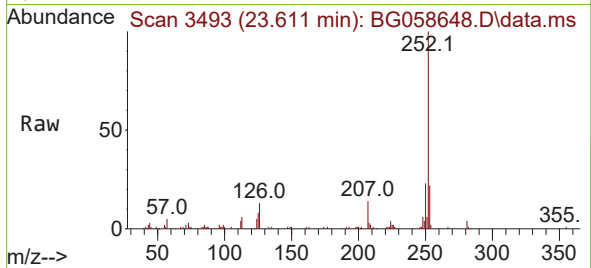
125 7.3 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 3.964 ng
RT: 23.611 min Scan# 3493
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

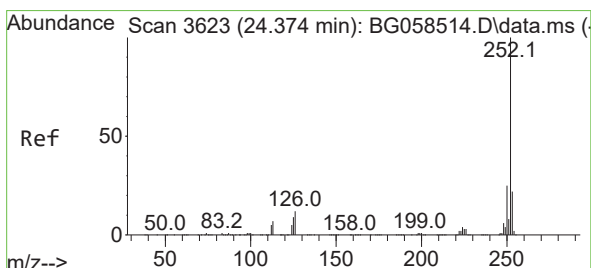
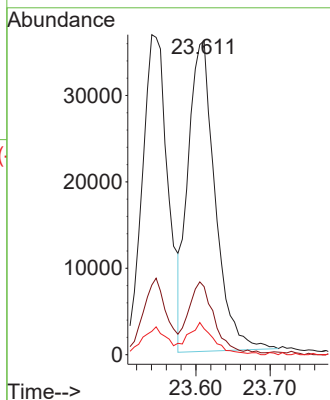
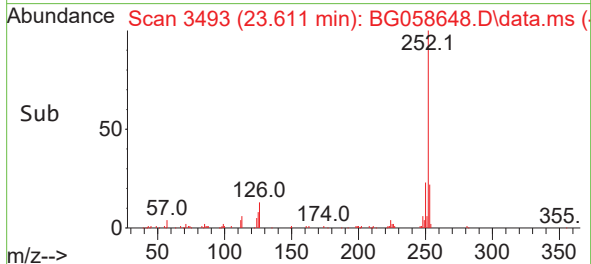
Instrument :
BNA_G
ClientSampleId :
PB154550BS



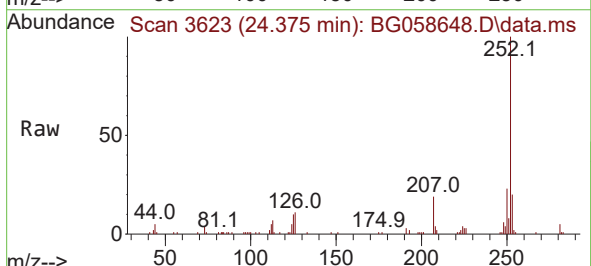
Tgt Ion:252 Resp: 91220
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 8.2 6.6 10.0

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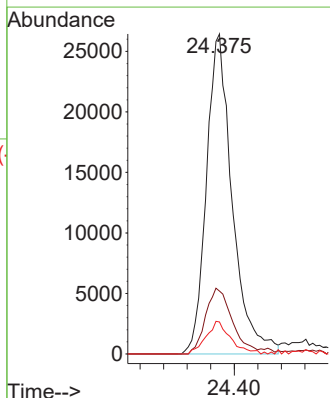
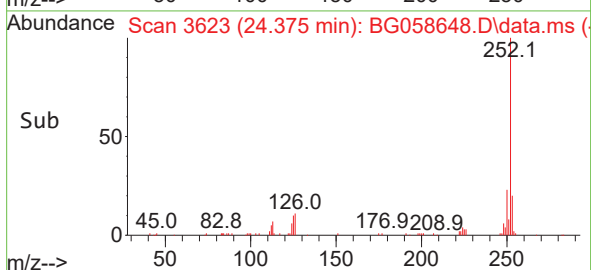
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

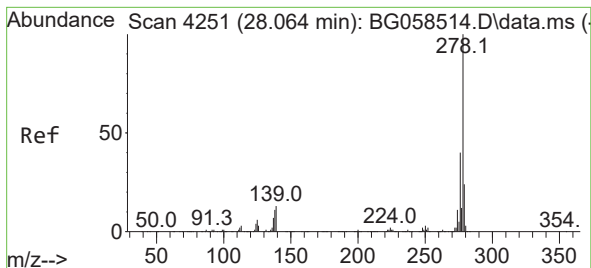


#90
Benzo(a)pyrene
Concen: 3.573 ng
RT: 24.375 min Scan# 3623
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32



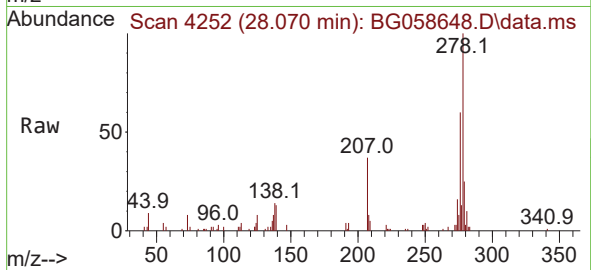
Tgt Ion:252 Resp: 80395
Ion Ratio Lower Upper
252 100
253 19.7 17.5 26.3
125 10.0 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 3.227 ng
RT: 28.070 min Scan# 4252
Delta R.T. 0.006 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

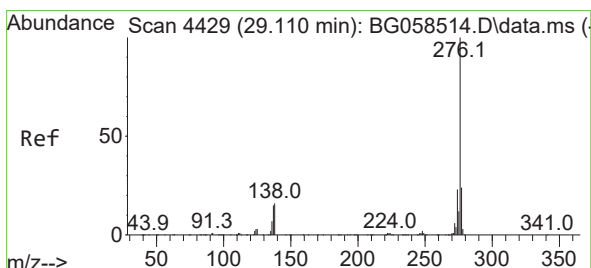
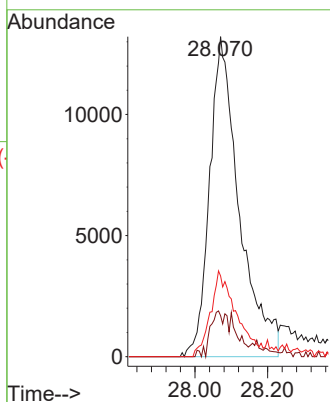
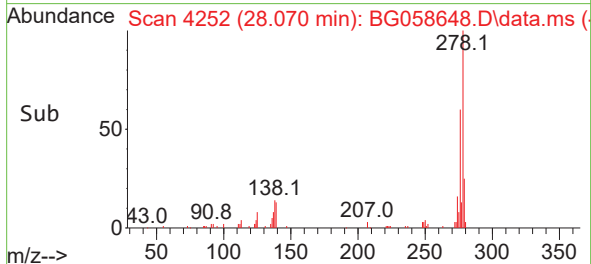
Instrument :
BNA_G
ClientSampleId :
PB154550BS



Tgt Ion:278 Resp: 7499
Ion Ratio Lower Upper
278 100
139 12.8 10.4 15.6
279 25.2 19.0 28.6

Manual Integrations
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Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#92
Benzo(g,h,i)perylene
Concen: 3.530 ng m
RT: 29.110 min Scan# 4429
Delta R.T. 0.001 min
Lab File: BG058648.D
Acq: 8 Aug 2023 18:32

Tgt Ion:276 Resp: 82262
Ion Ratio Lower Upper
276 100
277 25.2 18.9 28.3
138 14.9 13.0 19.4

