

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
 Data File : BG058870.D
 Acq On : 28 Aug 2023 12:37
 Operator : MA/JU
 Sample : 04121-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-W-20230822MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 01:35:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 01:35:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	16672	20.000	ng	-0.02
21) Naphthalene-d8	10.606	136	66287	20.000	ng	#-0.02
39) Acenaphthene-d10	14.454	164	46970	20.000	ng	-0.02
64) Phenanthrene-d10	17.198	188	121878	20.000	ng	-0.02
76) Chrysene-d12	21.440	240	115930	20.000	ng	-0.02
86) Perylene-d12	24.501	264	123195	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.377	112	138432	133.621	ng	-0.02
7) Phenol-d6	6.981	99	174275	119.898	ng	-0.02
23) Nitrobenzene-d5	8.972	82	125224	90.824	ng	-0.02
42) 2,4,6-Tribromophenol	15.947	330	108612	147.474	ng	-0.02
45) 2-Fluorobiphenyl	13.073	172	283100	87.664	ng	-0.02
79) Terphenyl-d14	19.819	244	620894	96.168	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	20990	43.094	ng	99
3) Pyridine	3.661	79	42199	32.786	ng	90
4) n-Nitrosodimethylamine	3.579	42	36922	52.765	ng	99
6) Aniline	7.133	93	20695	11.647	ng	97
8) 2-Chlorophenol	7.368	128	54406	51.938	ng	98
9) Benzaldehyde	6.945	77	3769	4.623	ng	# 1
10) Phenol	7.004	94	69958	49.913	ng	100
11) bis(2-Chloroethyl)ether	7.227	93	53098	48.551	ng	96
12) 1,3-Dichlorobenzene	7.692	146	58888	52.925	ng	97
13) 1,4-Dichlorobenzene	7.838	146	60364	53.649	ng	96
14) 1,2-Dichlorobenzene	8.156	146	57386	52.769	ng	98
15) Benzyl Alcohol	8.050	79	55789	53.683	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.326	45	116235m	49.870	ng	
17) 2-Methylphenol	8.256	107	47078	45.732	ng	97
18) Hexachloroethane	8.878	117	23052	56.231	ng	94
19) n-Nitroso-di-n-propyla...	8.608	70	43740	46.553	ng	96
20) 3+4-Methylphenols	8.585	107	63923	46.187	ng	96
22) Acetophenone	8.626	105	89922	50.114	ng	96
24) Nitrobenzene	9.008	77	66775	48.695	ng	# 98
25) Isophorone	9.531	82	126468	46.125	ng	99
26) 2-Nitrophenol	9.724	139	28696	50.035	ng	94
27) 2,4-Dimethylphenol	9.783	122	50204	51.651	ng	96
28) bis(2-Chloroethoxy)met...	10.012	93	68580	47.220	ng	99
29) 2,4-Dichlorophenol	10.259	162	53359	53.424	ng	95
30) 1,2,4-Trichlorobenzene	10.471	180	61032	50.603	ng	98
31) Naphthalene	10.659	128	601249	172.749	ng	99
32) Benzoic acid	9.948	122	30168	50.329	ng	96
33) 4-Chloroaniline	10.788	127	11062	7.536	ng	96
34) Hexachlorobutadiene	10.929	225	41589	51.091	ng	99
35) Caprolactam	11.628	113	17047m	47.630	ng	
36) 4-Chloro-3-methylphenol	11.904	107	64694	52.085	ng	99
37) 2-Methylnaphthalene	12.269	142	213142	85.264	ng	98
38) 1-Methylnaphthalene	12.492	142	180587	76.104	ng	98
40) 1,2,4,5-Tetrachloroben...	12.639	216	69705	48.138	ng	99
41) Hexachlorocyclopentadiene	12.615	237	65995	111.909	ng	99
43) 2,4,6-Trichlorophenol	12.885	196	48562	52.706	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.968	196	55419	50.228	ng	94
46) 1,1'-Biphenyl	13.285	154	164896	50.962	ng	96
47) 2-Chloronaphthalene	13.326	162	126978	50.357	ng	99
48) 2-Nitroaniline	13.538	65	45680	47.699	ng	95
49) Acenaphthylene	14.172	152	248979	59.541	ng	98
50) Dimethylphthalate	13.914	163	178407	49.056	ng	99
51) 2,6-Dinitrotoluene	14.037	165	39648	51.893	ng	97
52) Acenaphthene	14.519	154	137967	56.460	ng	97
53) 3-Nitroaniline	14.372	138	8385	11.379	ng	96
54) 2,4-Dinitrophenol	14.589	184	48653	111.014	ng	93
55) Dibenzofuran	14.854	168	209383	49.673	ng	98
56) 4-Nitrophenol	14.695	139	58724	108.475	ng	94
57) 2,4-Dinitrotoluene	14.830	165	57813	54.251	ng	98
58) Fluorene	15.500	166	179361	53.467	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.083	232	50761	56.378	ng	97
60) Diethylphthalate	15.271	149	186038	49.615	ng	100
61) 4-Chlorophenyl-phenyle...	15.494	204	90857	48.864	ng	96
62) 4-Nitroaniline	15.535	138	28060	37.522	ng	92
63) Azobenzene	15.788	77	161120	46.796	ng	98
65) 4,6-Dinitro-2-methylph...	15.594	198	35201	51.097	ng	89
66) n-Nitrosodiphenylamine	15.712	169	130803	41.640	ng	97
67) 4-Bromophenyl-phenylether	16.387	248	63023	47.122	ng	97
68) Hexachlorobenzene	16.505	284	72251	50.194	ng	98
69) Atrazine	16.658	200	23962	21.555	ng	95
70) Pentachlorophenol	16.857	266	79512	105.343	ng	97
71) Phenanthrene	17.239	178	310643	53.092	ng	100
72) Anthracene	17.333	178	297357	50.672	ng	99
73) Carbazole	17.603	167	246356	45.844	ng	97
74) Di-n-butylphthalate	18.156	149	352602	52.014	ng	99
75) Fluoranthene	19.254	202	381245	52.543	ng	97
78) Pyrene	19.619	202	391776	48.501	ng	99
80) Butylbenzylphthalate	20.506	149	162488	49.599	ng	98
81) Benzo(a)anthracene	21.422	228	391487	48.512	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	4857	1.743	ng	96
83) Chrysene	21.487	228	364214	46.824	ng	98
84) Bis(2-ethylhexyl)phtha...	21.323	149	231641	48.210	ng	100
85) Di-n-octyl phthalate	22.468	149	398755	48.250	ng	100
87) Indeno(1,2,3-cd)pyrene	28.003	276	469603	56.341	ng #	94
88) Benzo(b)fluoranthene	23.532	252	402266	58.850	ng	97
89) Benzo(k)fluoranthene	23.596	252	393977	55.888	ng	99
90) Benzo(a)pyrene	24.360	252	346962	51.550	ng	98
91) Dibenzo(a,h)anthracene	28.050	278	391817	57.208	ng	97
92) Benzo(g,h,i)perylene	29.090	276	377117	55.072	ng	98

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

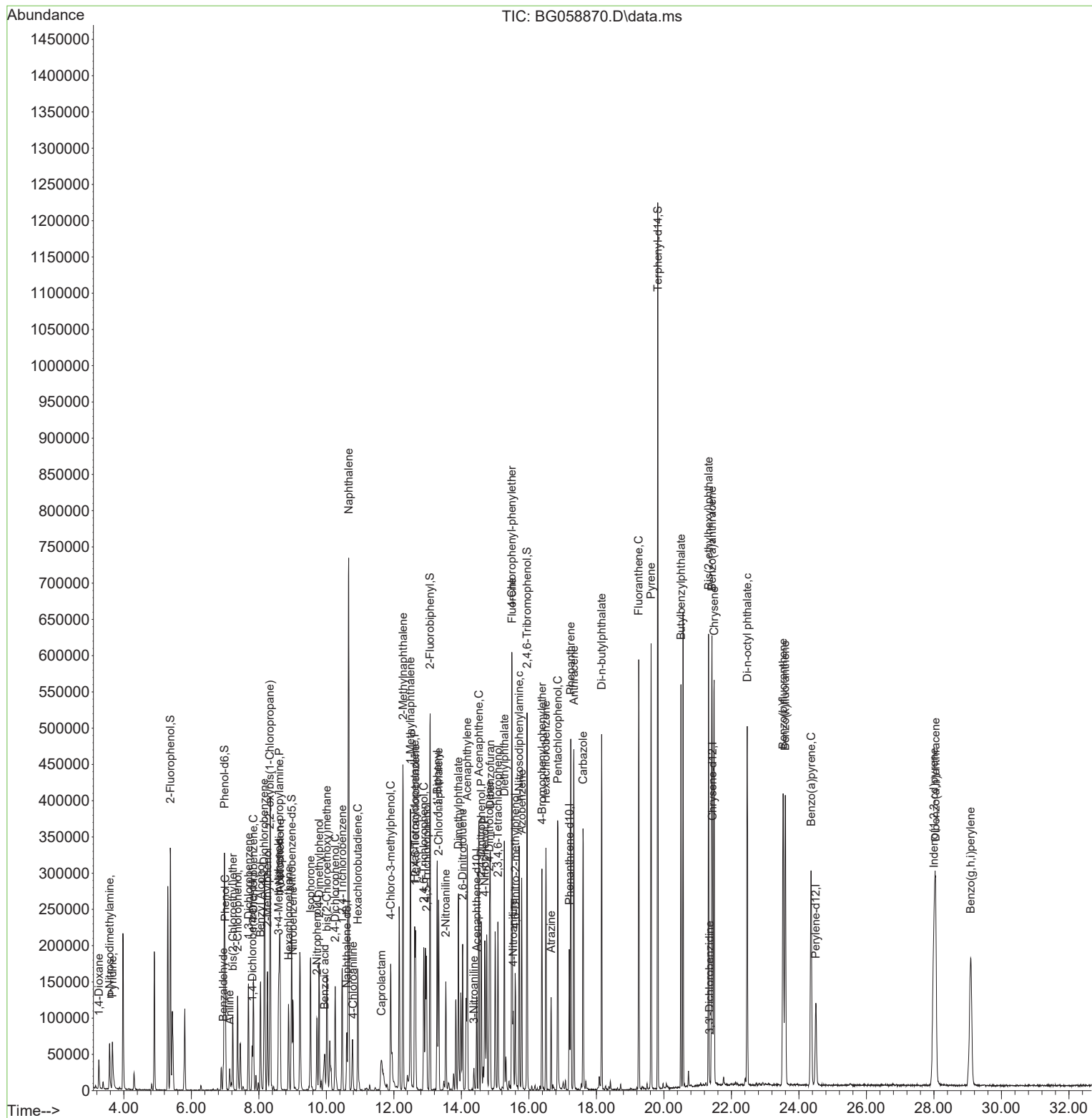
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
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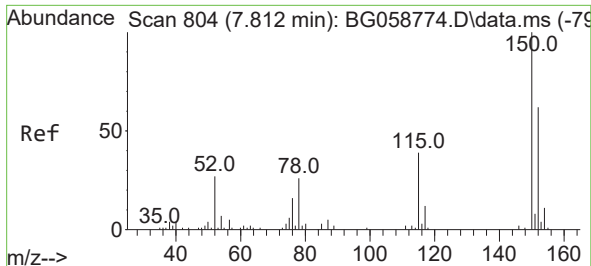
Instrument :
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 ClientSampleId :
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Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

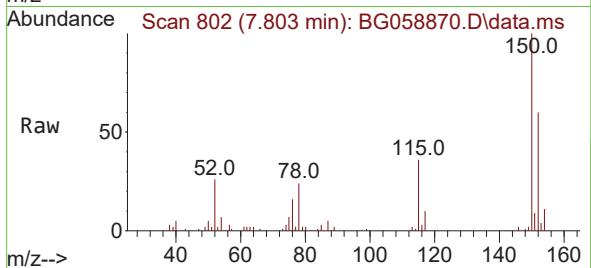
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.803 min Scan# 80
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

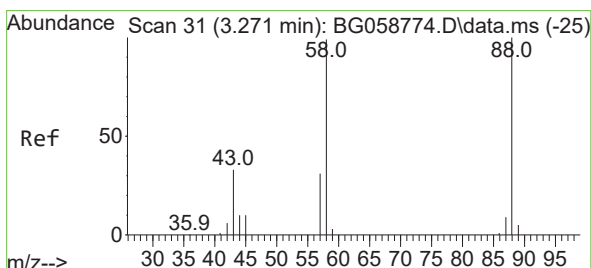
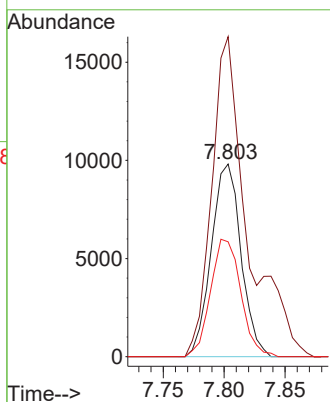
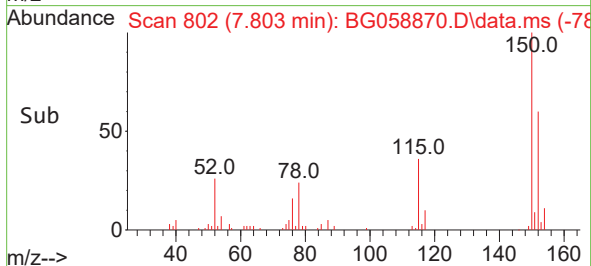
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion:152 Resp: 16672
Ion Ratio Lower Upper
152 100
150 166.2 128.6 192.8
115 59.7 50.4 75.6

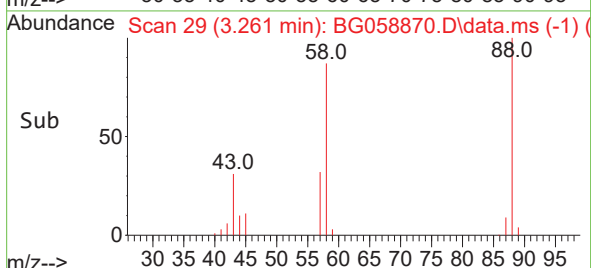
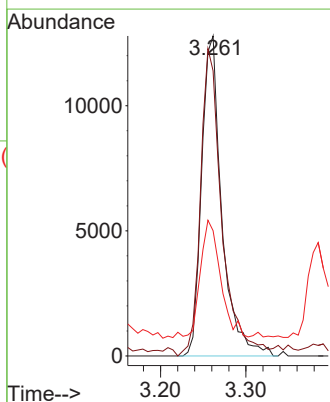
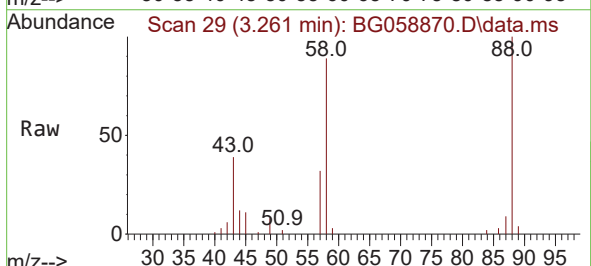
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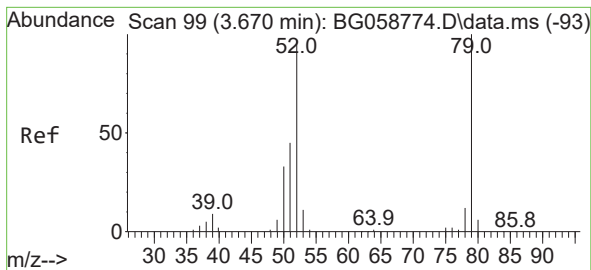
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#2
1,4-Dioxane
Concen: 43.094 ng
RT: 3.261 min Scan# 29
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

Tgt Ion: 88 Resp: 20990
Ion Ratio Lower Upper
88 100
58 101.9 82.8 124.2
43 36.8 30.1 45.1





#3

Pyridine

Concen: 32.786 ng

RT: 3.661 min Scan# 91

Delta R.T. -0.022 min

Lab File: BG058870.D

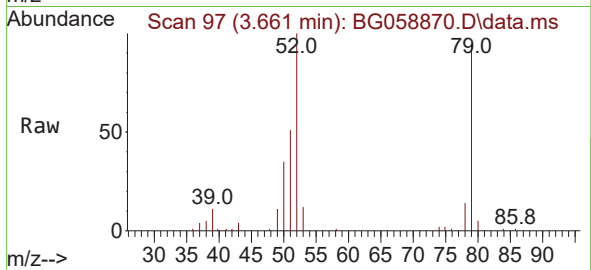
Acq: 28 Aug 2023 12:37

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MS



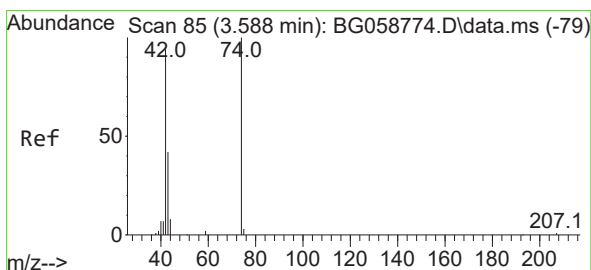
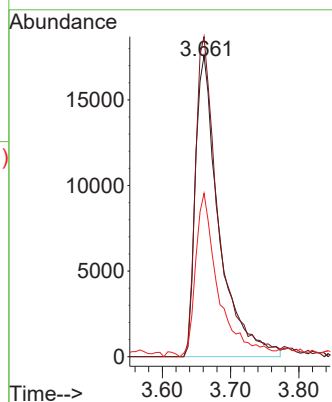
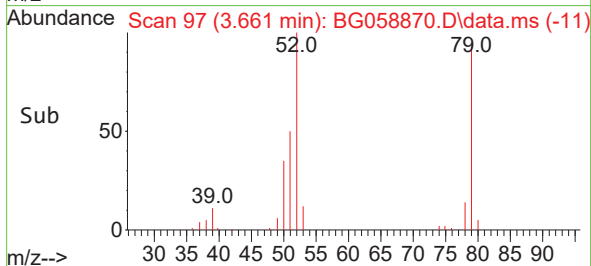
Tgt Ion:	79	Resp:	4219
Ion Ratio	Lower	Upper	
79	100		
52	106.3	77.6	116.4
51	54.3	37.5	56.3

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 52.765 ng

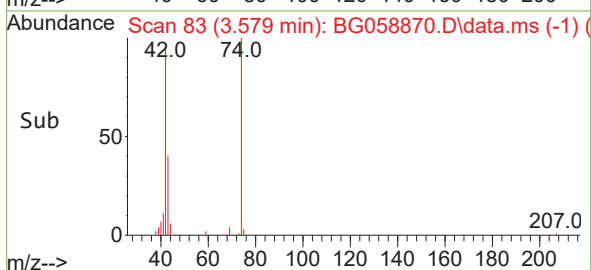
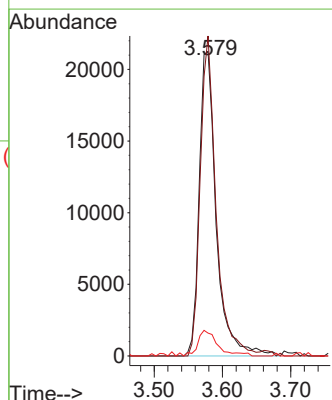
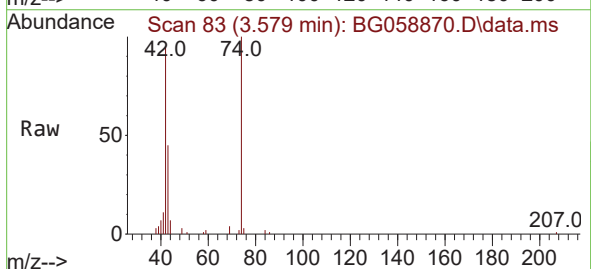
RT: 3.579 min Scan# 83

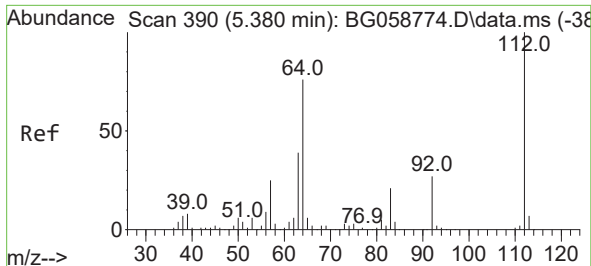
Delta R.T. -0.028 min

Lab File: BG058870.D

Acq: 28 Aug 2023 12:37

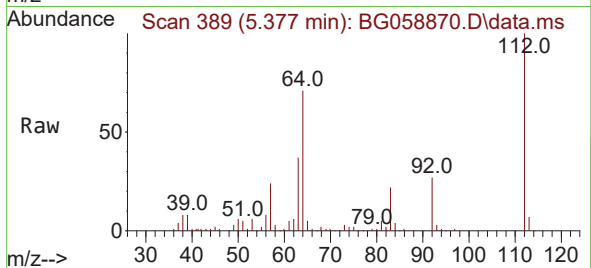
Tgt Ion:	42	Resp:	36922
Ion Ratio	Lower	Upper	
42	100		
74	105.1	85.1	127.7
44	7.5	6.9	10.3





#5
2-Fluorophenol
Concen: 133.621 ng
RT: 5.377 min Scan# 389
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

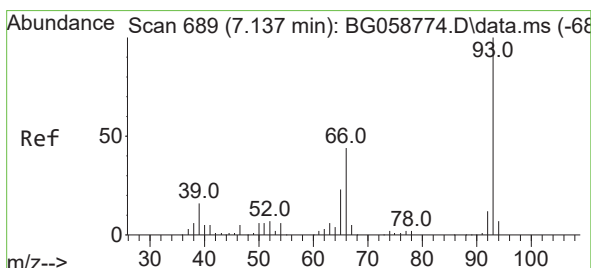
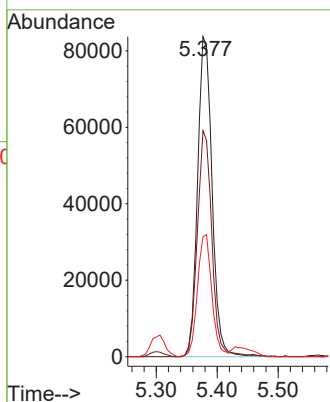
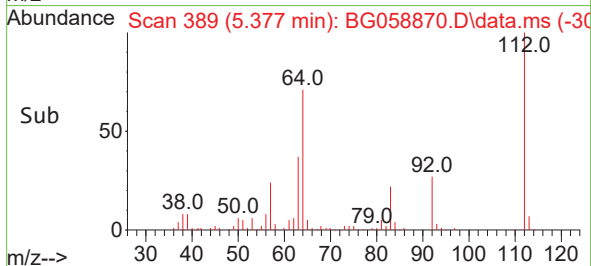
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:112 Resp: 138432
Ion Ratio Lower Upper
112 100
64 70.6 60.6 90.8
63 37.4 31.0 46.4

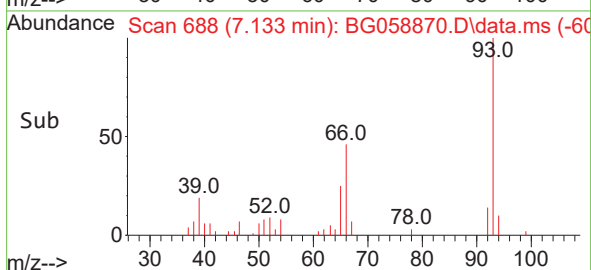
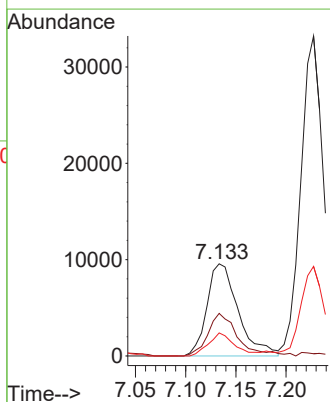
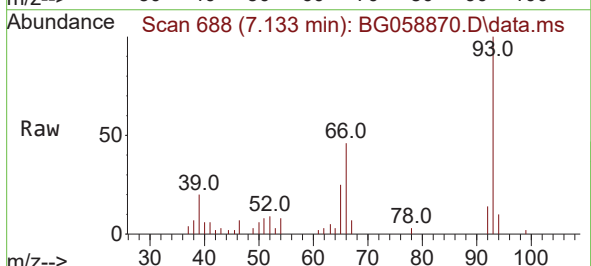
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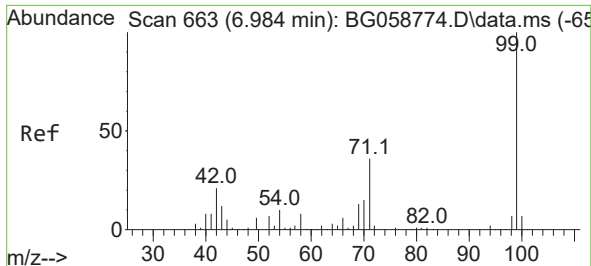
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#6
Aniline
Concen: 11.647 ng
RT: 7.133 min Scan# 688
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

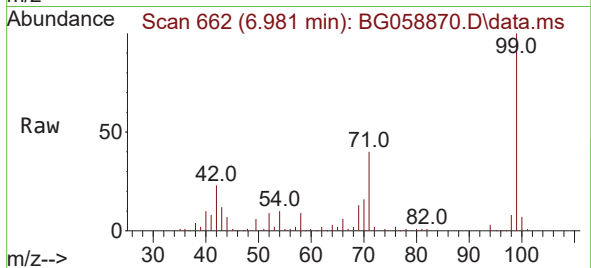
Tgt Ion: 93 Resp: 20695
Ion Ratio Lower Upper
93 100
66 46.2 35.7 53.5
65 25.1 18.2 27.2





#7
Phenol-d6
Concen: 119.898 ng
RT: 6.981 min Scan# 609
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

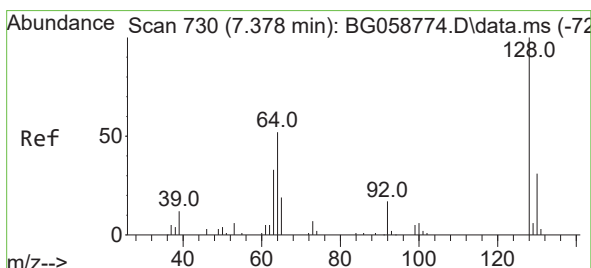
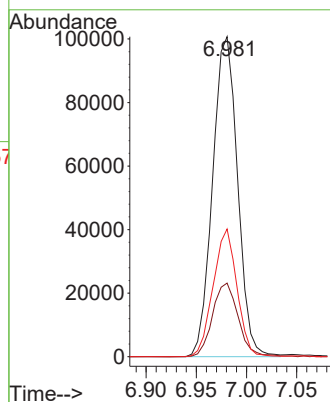
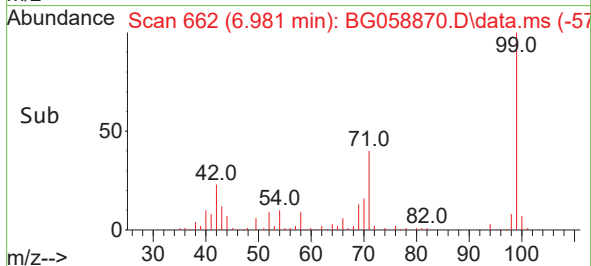
Instrument :
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Tgt Ion: 99 Resp: 174275
Ion Ratio Lower Upper
99 100
42 23.0 16.5 24.7
71 39.9 28.4 42.6

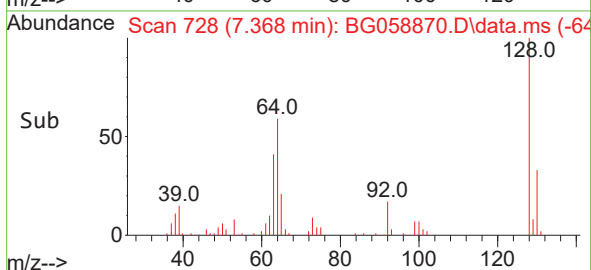
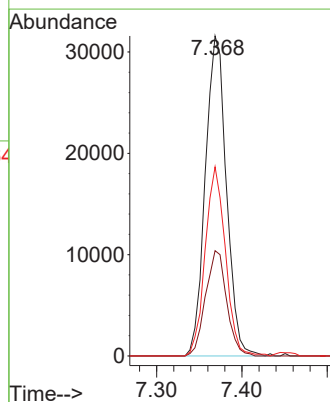
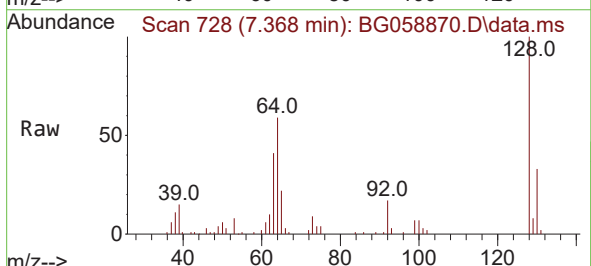
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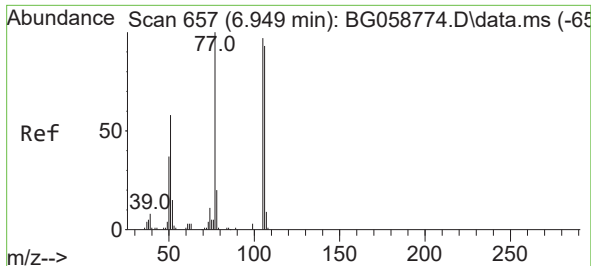
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#8
2-Chlorophenol
Concen: 51.938 ng
RT: 7.368 min Scan# 728
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

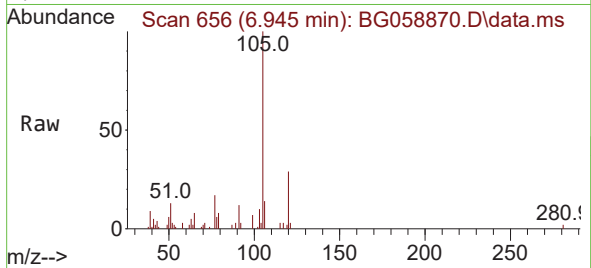
Tgt Ion:128 Resp: 54406
Ion Ratio Lower Upper
128 100
130 32.9 10.9 50.9
64 59.1 38.4 78.4





#9
Benzaldehyde
Concen: 4.623 ng
RT: 6.945 min Scan# 657
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

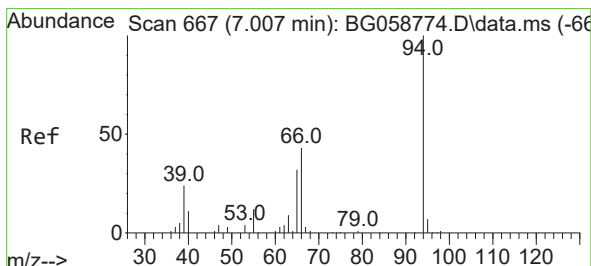
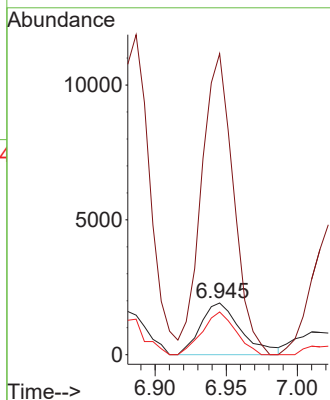
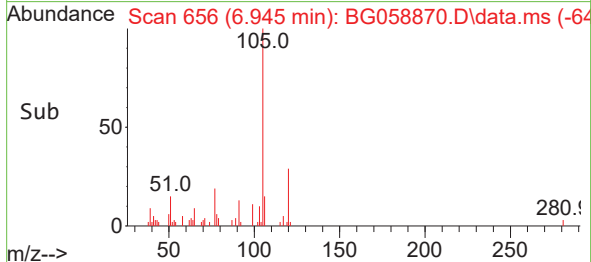
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion: 77 Resp: 3769
Ion Ratio Lower Upper
77 100
105 581.5 76.7 116.7
106 82.7 73.4 113.4

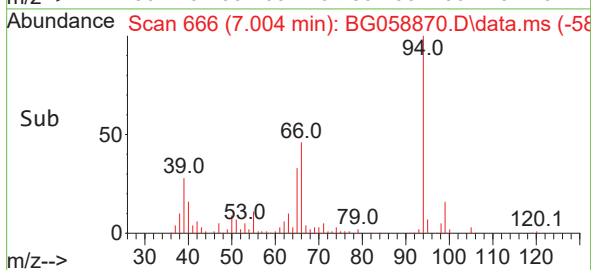
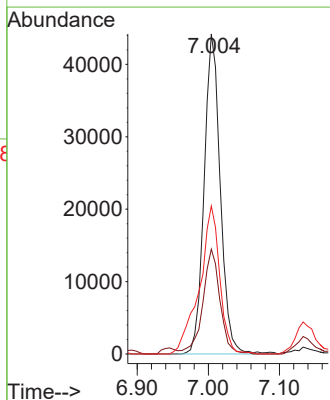
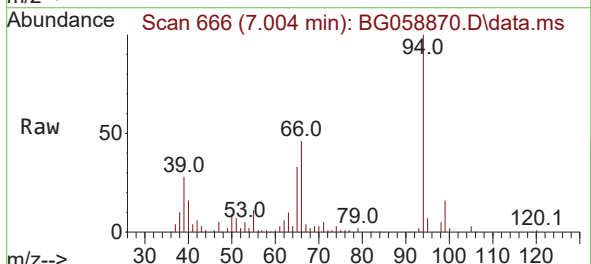
Manual Integrations
APPROVED

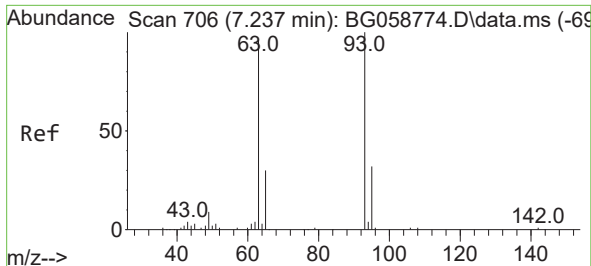
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#10
Phenol
Concen: 49.913 ng
RT: 7.004 min Scan# 666
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

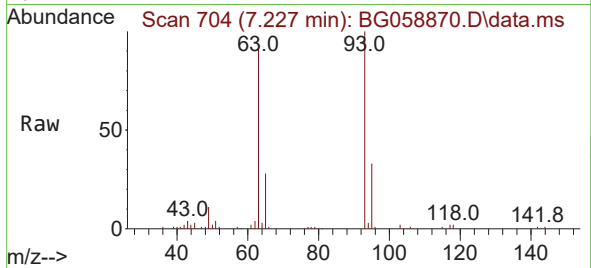
Tgt Ion: 94 Resp: 69958
Ion Ratio Lower Upper
94 100
65 32.8 12.6 52.6
66 46.2 26.6 66.6





#11
bis(2-Chloroethyl)ether
Concen: 48.551 ng
RT: 7.227 min Scan# 706
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

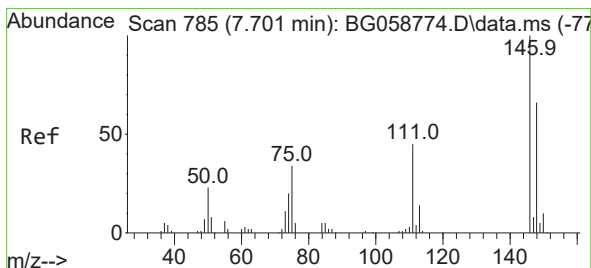
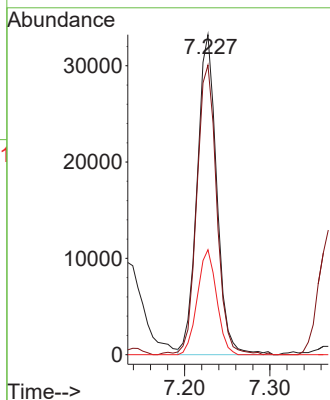
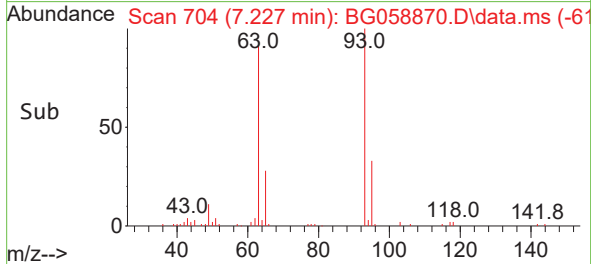
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion: 93 Resp: 53098
Ion Ratio Lower Upper
93 100
63 90.5 74.8 114.8
95 32.8 12.1 52.1

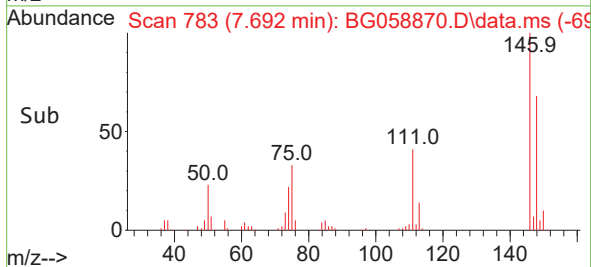
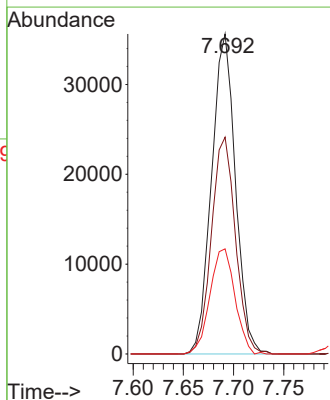
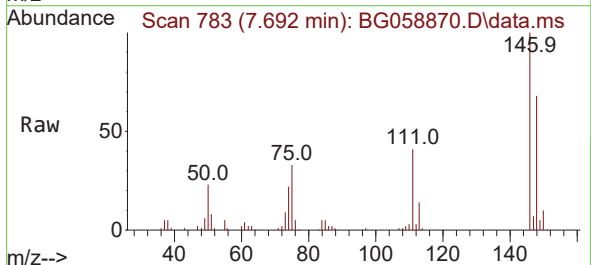
Manual Integrations
APPROVED

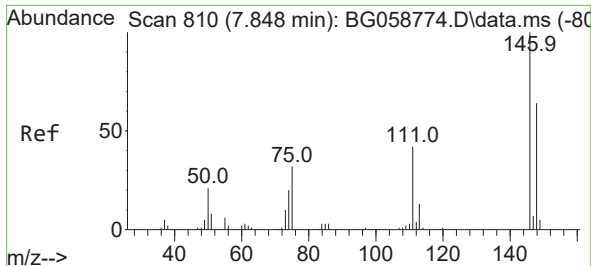
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#12
1,3-Dichlorobenzene
Concen: 52.925 ng
RT: 7.692 min Scan# 783
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

Tgt Ion:146 Resp: 58888
Ion Ratio Lower Upper
146 100
148 67.7 52.4 78.6
75 32.8 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 53.649 ng

RT: 7.838 min Scan# 80

Delta R.T. -0.022 min

Lab File: BG058870.D

Acq: 28 Aug 2023 12:37

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MS

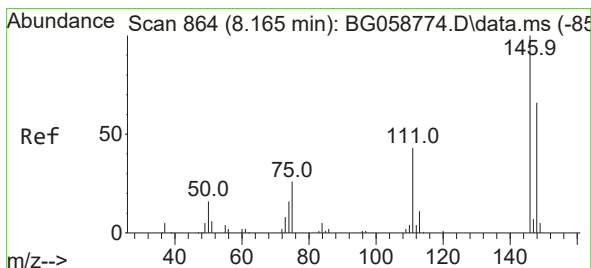
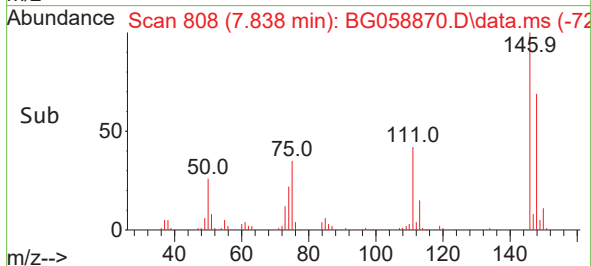
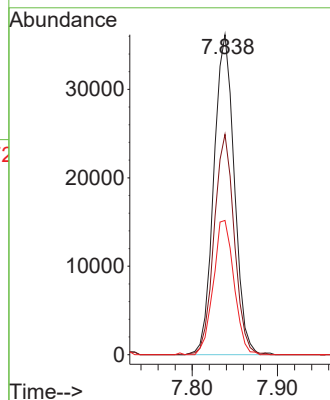
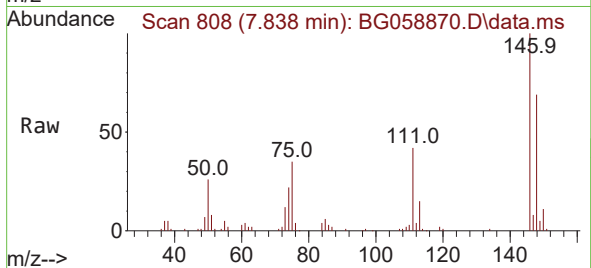
Tgt Ion:146 Resp: 60364
 Ion Ratio Lower Upper
 146 100
 148 68.9 51.3 76.9
 111 41.9 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#14

1,2-Dichlorobenzene

Concen: 52.769 ng

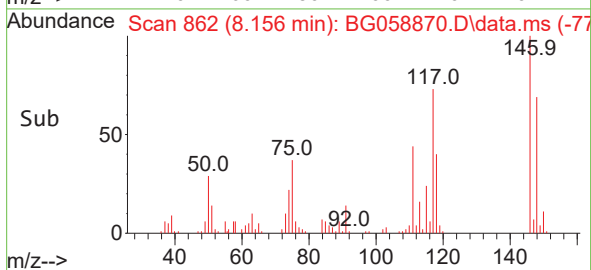
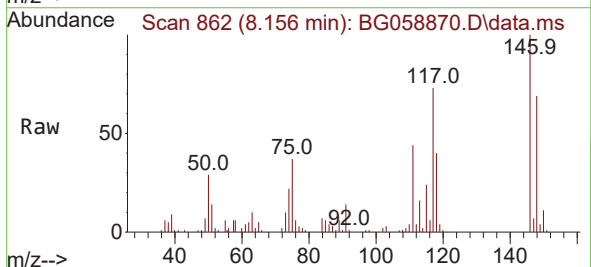
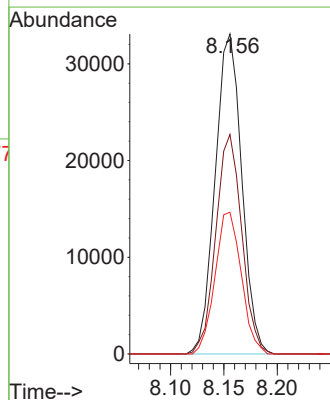
RT: 8.156 min Scan# 862

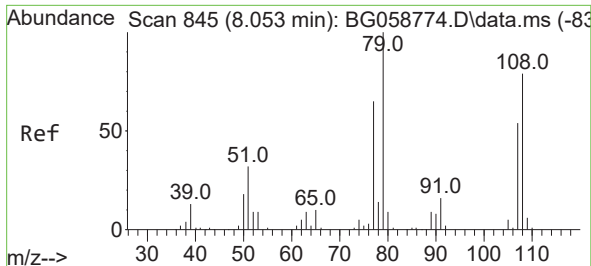
Delta R.T. -0.022 min

Lab File: BG058870.D

Acq: 28 Aug 2023 12:37

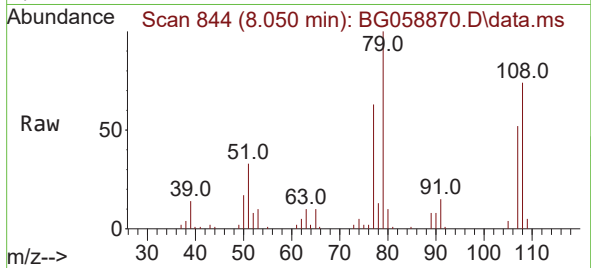
Tgt Ion:146 Resp: 57386
 Ion Ratio Lower Upper
 146 100
 148 68.6 52.9 79.3
 111 44.3 35.5 53.3





#15
Benzyl Alcohol
Concen: 53.683 ng
RT: 8.050 min Scan# 844
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

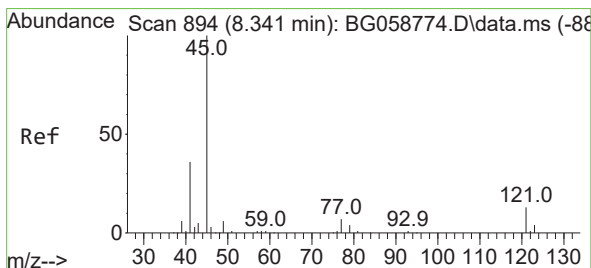
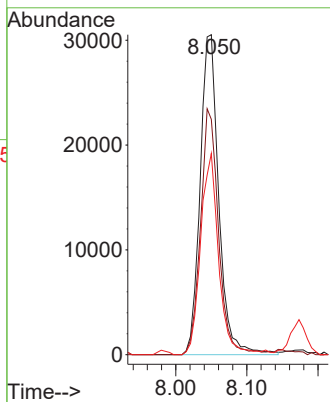
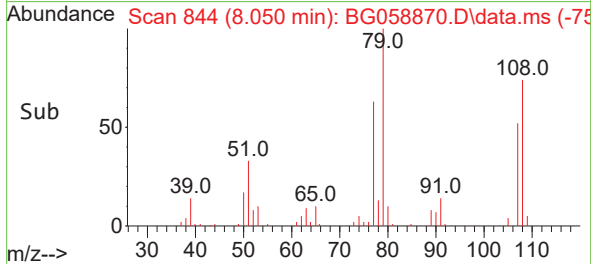
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion: 79 Resp: 55789
Ion Ratio Lower Upper
79 100
108 73.6 63.4 95.0
77 62.9 52.2 78.2

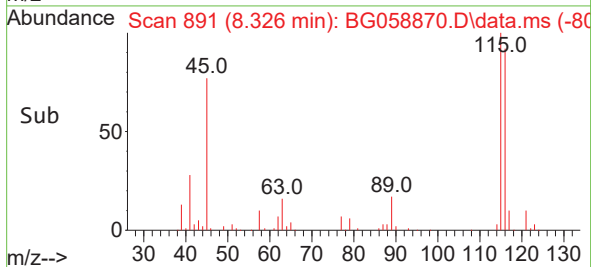
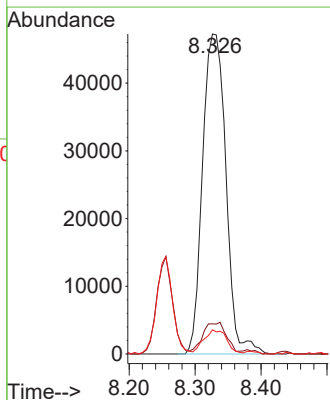
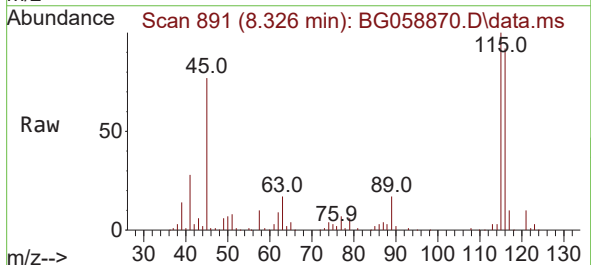
Manual Integrations
APPROVED

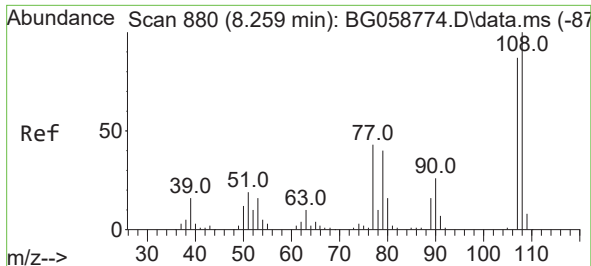
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.870 ng m
RT: 8.326 min Scan# 891
Delta R.T. -0.034 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

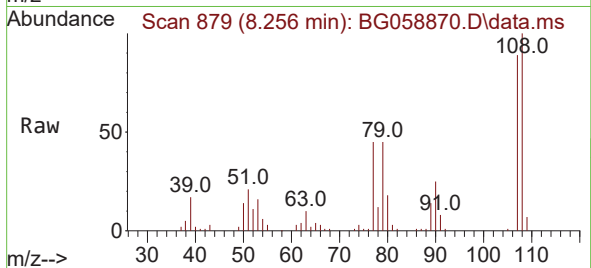
Tgt Ion: 45 Resp: 116235
Ion Ratio Lower Upper
45 100
77 9.4 0.0 30.3
79 7.6 0.0 27.7





#17
2-Methylphenol
Concen: 45.732 ng
RT: 8.256 min Scan# 81
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

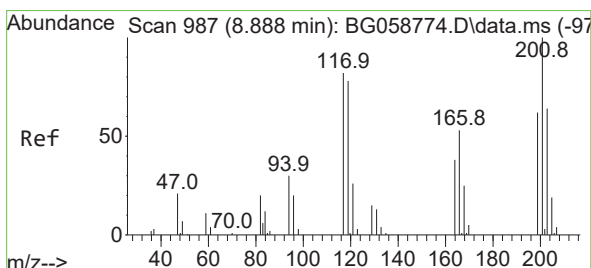
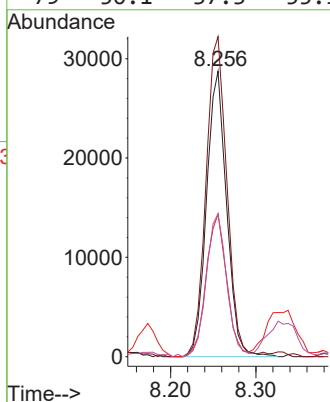
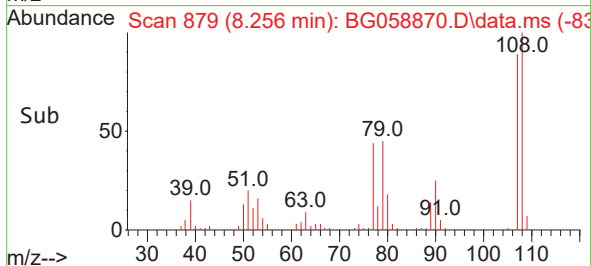
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion:107 Resp: 47078
Ion Ratio Lower Upper
107 100
108 112.1 92.2 138.2
77 50.0 40.0 60.0
79 50.1 37.3 55.9

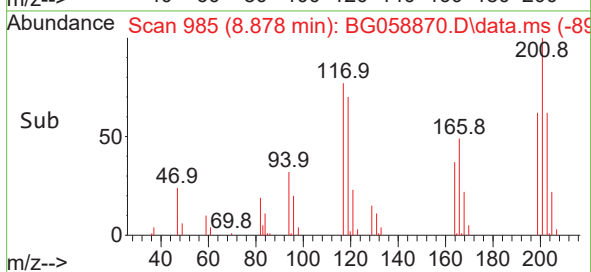
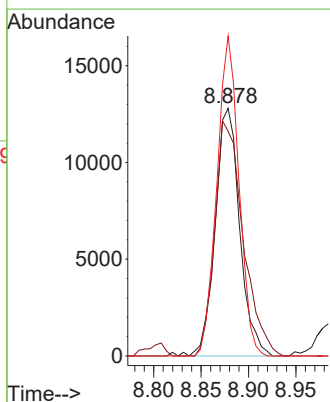
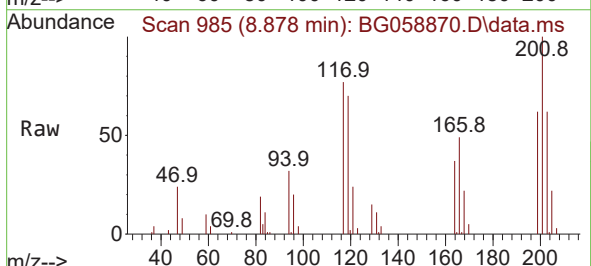
Manual Integrations
APPROVED

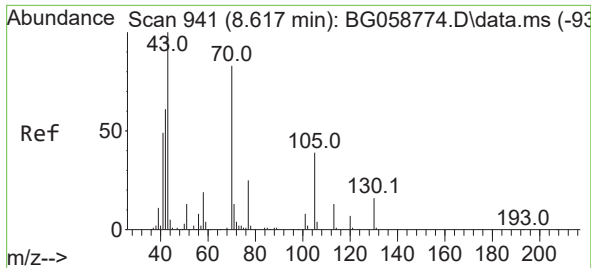
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#18
Hexachloroethane
Concen: 56.231 ng
RT: 8.878 min Scan# 985
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

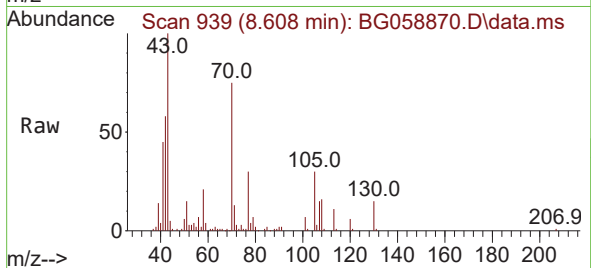
Tgt Ion:117 Resp: 23052
Ion Ratio Lower Upper
117 100
119 90.7 76.6 115.0
201 129.2 97.0 145.6





#19
n-Nitroso-di-n-propylamine
Concen: 46.553 ng
RT: 8.608 min Scan# 91
Delta R.T. -0.028 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

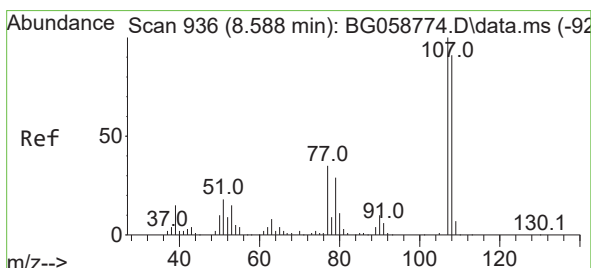
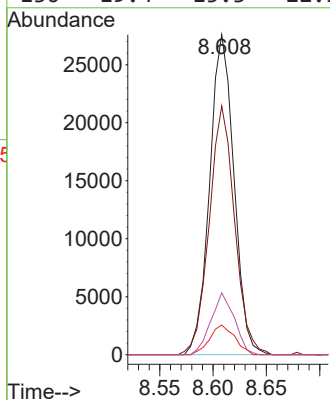
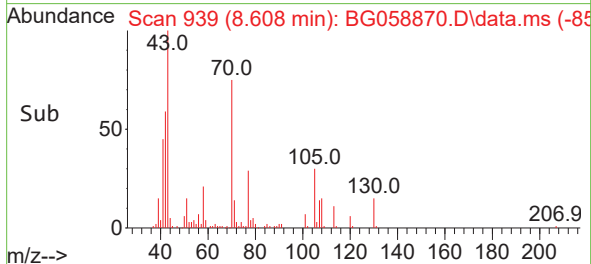
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion: 70 Resp: 43740
Ion Ratio Lower Upper
70 100
42 77.7 59.2 88.8
101 9.2 8.2 12.2
130 19.4 15.3 22.9

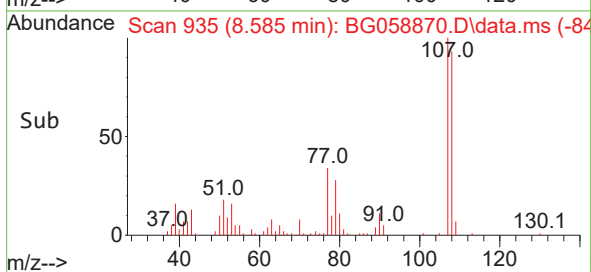
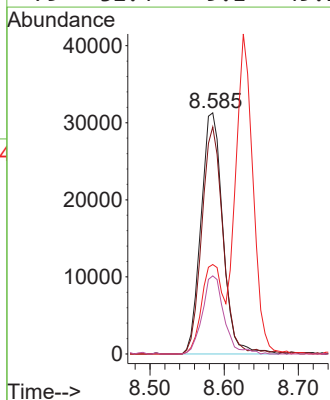
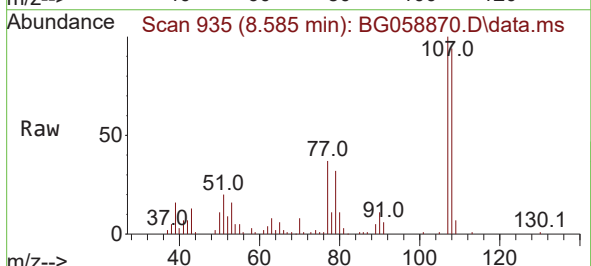
Manual Integrations
APPROVED

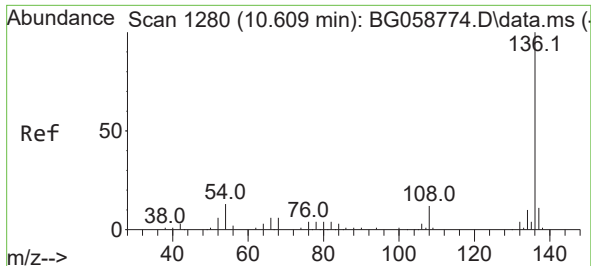
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#20
3+4-Methylphenols
Concen: 46.187 ng
RT: 8.585 min Scan# 935
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

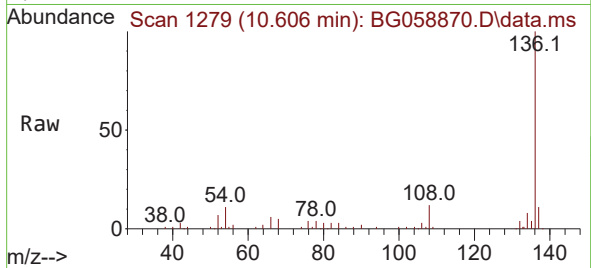
Tgt Ion:107 Resp: 63923
Ion Ratio Lower Upper
107 100
108 94.2 70.6 110.6
77 37.1 14.8 54.8
79 32.4 9.1 49.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.606 min Scan# 11
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

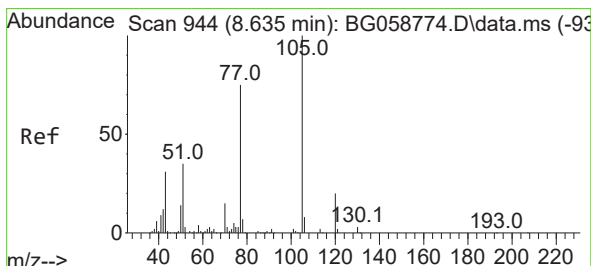
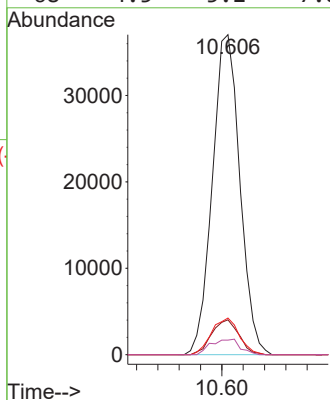
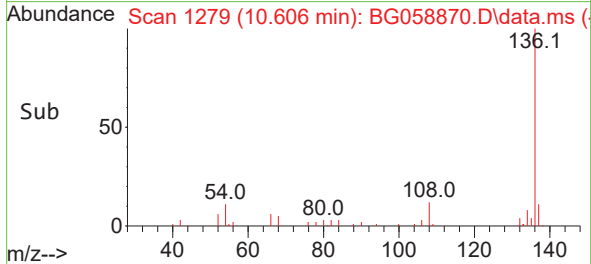
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion:136 Resp: 6628
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 11.5 10.1 15.1
68 4.5 5.2 7.8#

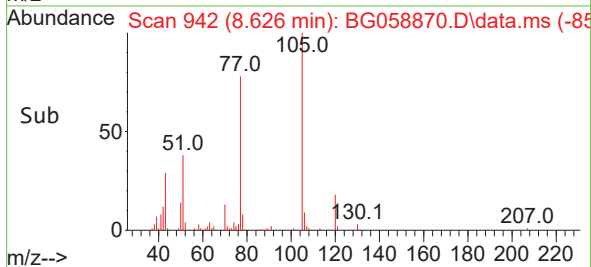
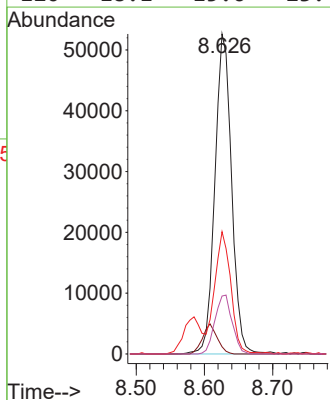
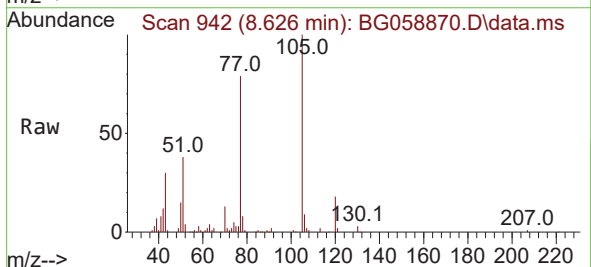
Manual Integrations
APPROVED

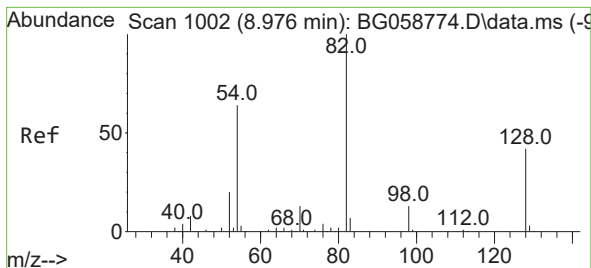
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#22
Acetophenone
Concen: 50.114 ng
RT: 8.626 min Scan# 942
Delta R.T. -0.028 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

Tgt Ion:105 Resp: 89922
Ion Ratio Lower Upper
105 100
71 2.3 2.2 3.2
51 38.2 28.5 42.7
120 18.1 15.6 23.4





#23

Nitrobenzene-d5

Concen: 90.824 ng

RT: 8.972 min Scan# 1002

Delta R.T. -0.022 min

Lab File: BG058870.D

Acq: 28 Aug 2023 12:37

Instrument :

BNA_G

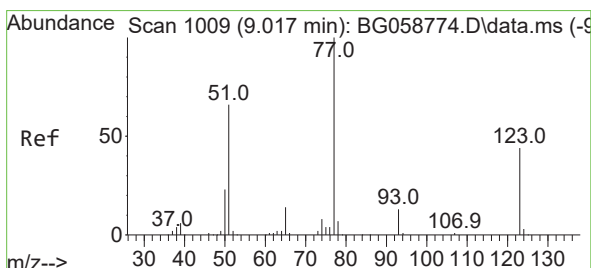
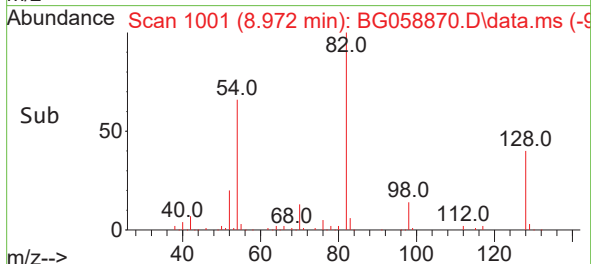
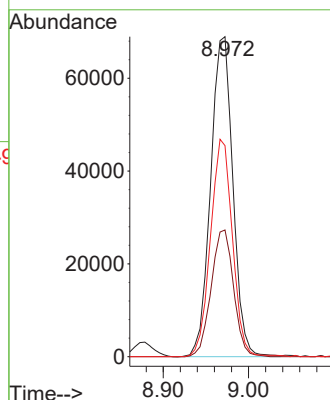
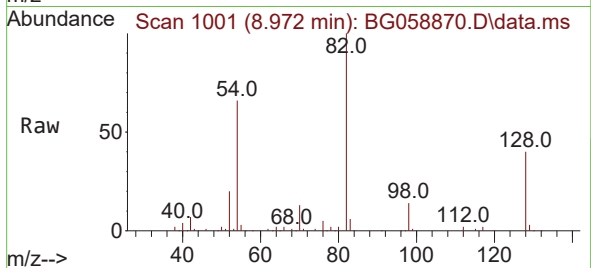
ClientSampleId :

IDW-W-20230822MS

Tgt Ion: 82 Resp: 125224
 Ion Ratio Lower Upper
 82 100
 128 39.6 33.2 49.8
 54 66.0 51.2 76.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023



#24

Nitrobenzene

Concen: 48.695 ng

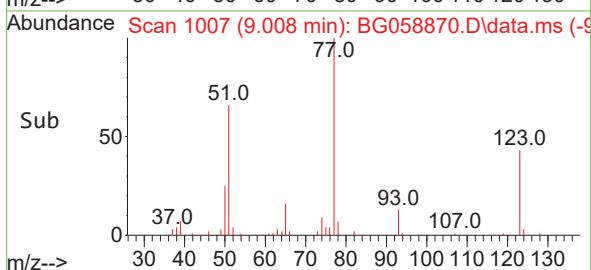
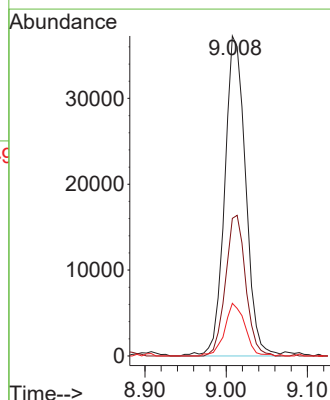
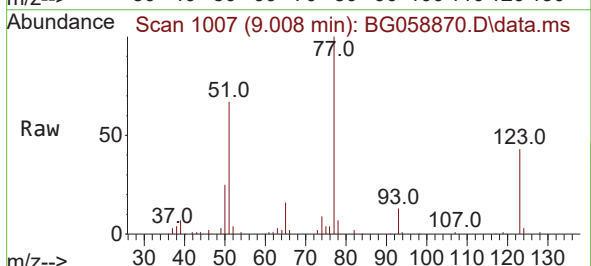
RT: 9.008 min Scan# 1007

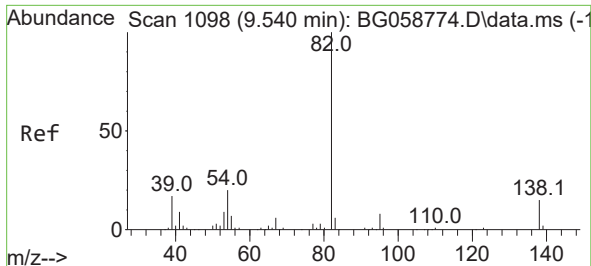
Delta R.T. -0.028 min

Lab File: BG058870.D

Acq: 28 Aug 2023 12:37

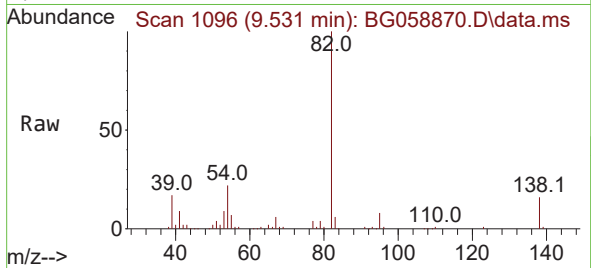
Tgt Ion: 77 Resp: 66775
 Ion Ratio Lower Upper
 77 100
 123 43.0 34.9 52.3
 65 16.4 10.9 16.3#





#25
Isophorone
Concen: 46.125 ng
RT: 9.531 min Scan# 1109
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

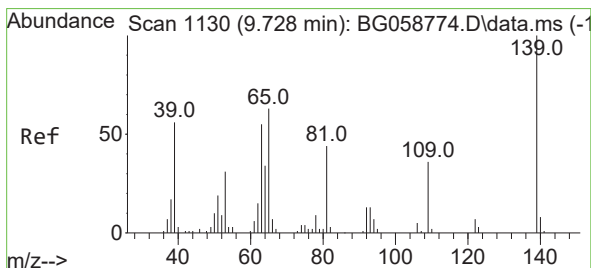
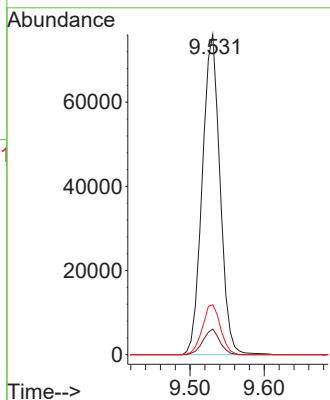
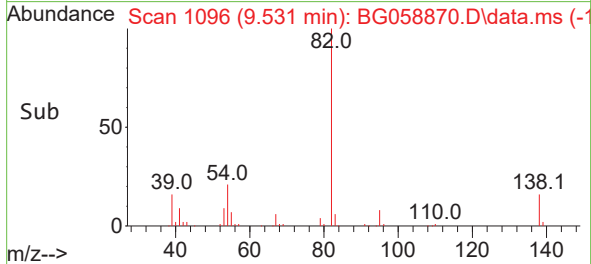
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion: 82 Resp: 126468
Ion Ratio Lower Upper
82 100
95 8.0 6.1 9.1
138 15.6 12.2 18.4

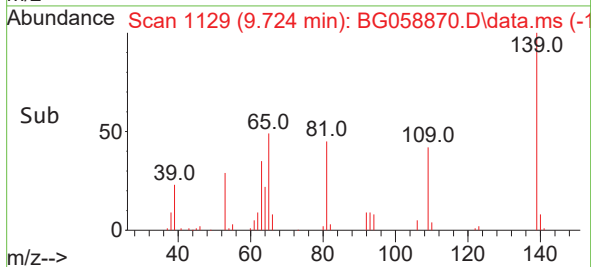
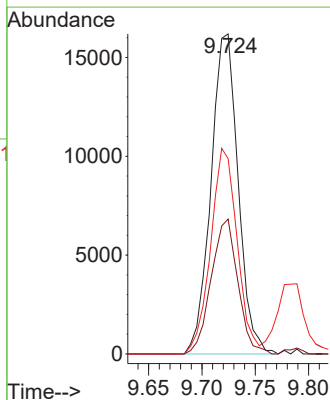
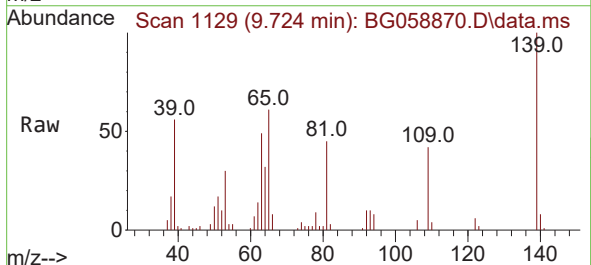
Manual Integrations
APPROVED

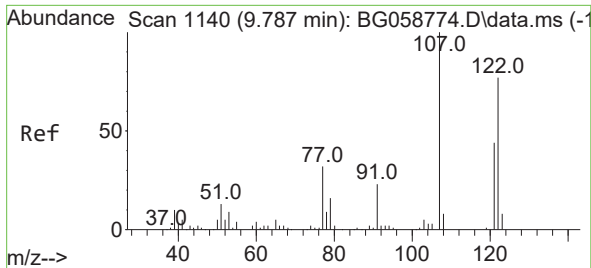
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#26
2-Nitrophenol
Concen: 50.035 ng
RT: 9.724 min Scan# 1129
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

Tgt Ion:139 Resp: 28696
Ion Ratio Lower Upper
139 100
109 42.2 28.7 43.1
65 61.0 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 51.651 ng

RT: 9.783 min Scan# 1140

Delta R.T. -0.022 min

Lab File: BG058870.D

Acq: 28 Aug 2023 12:37

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MS

Tgt Ion:122 Resp: 50204

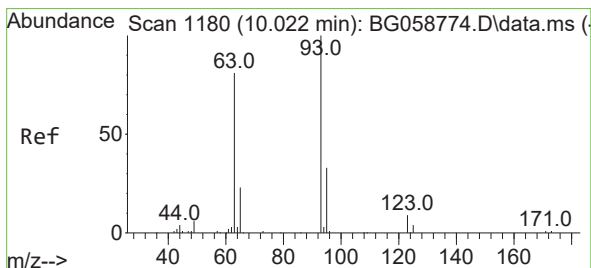
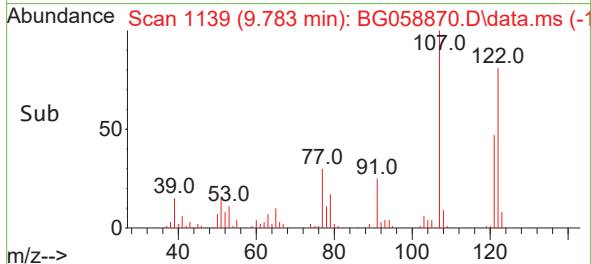
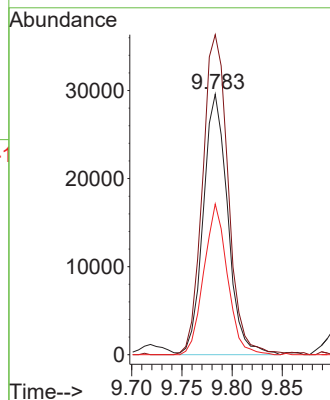
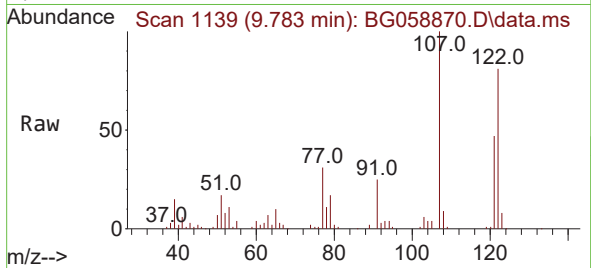
Ion	Ratio	Lower	Upper
122	100		
107	122.9	102.6	154.0
121	57.8	45.0	67.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.220 ng

RT: 10.012 min Scan# 1178

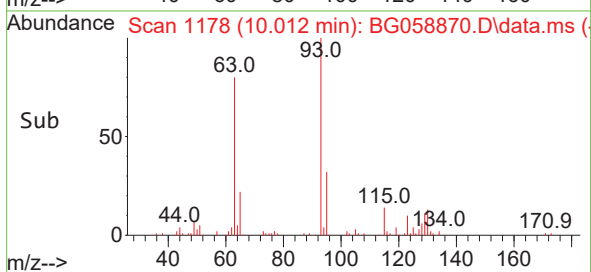
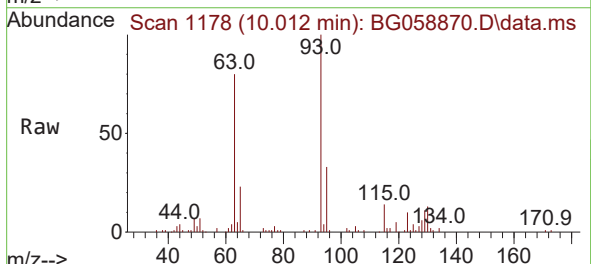
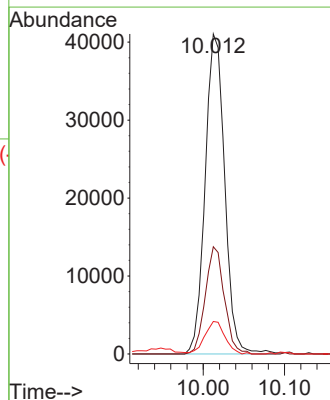
Delta R.T. -0.022 min

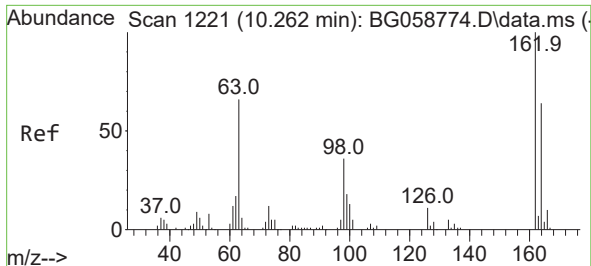
Lab File: BG058870.D

Acq: 28 Aug 2023 12:37

Tgt Ion: 93 Resp: 68580

Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.2	39.4
123	10.2	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 53.424 ng

RT: 10.259 min Scan# 1

Delta R.T. -0.022 min

Lab File: BG058870.D

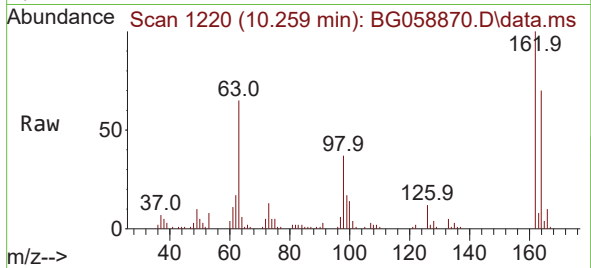
Acq: 28 Aug 2023 12:37

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MS



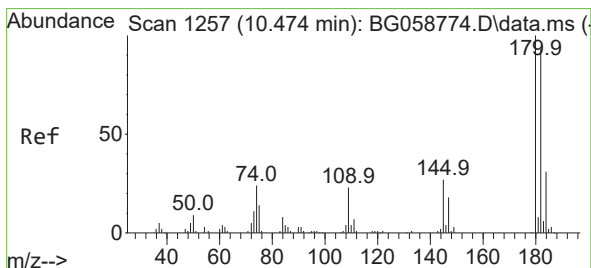
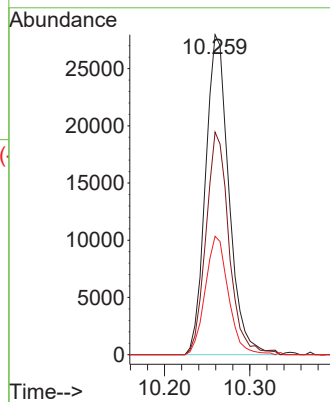
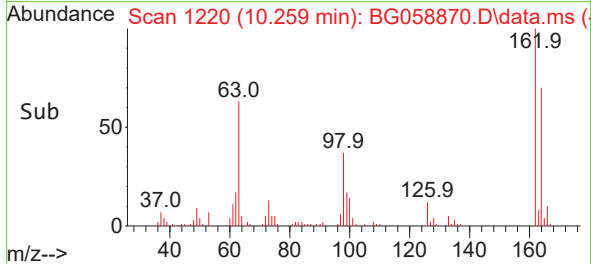
Tgt Ion:	162	Resp:	5335
Ion Ratio	Lower	Upper	
162	100		
164	69.5	44.4	84.4
98	37.0	16.1	56.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#30

1,2,4-Trichlorobenzene

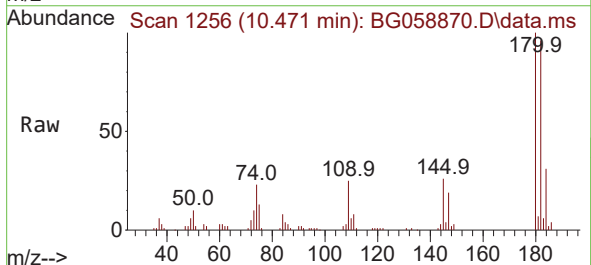
Concen: 50.603 ng

RT: 10.471 min Scan# 1256

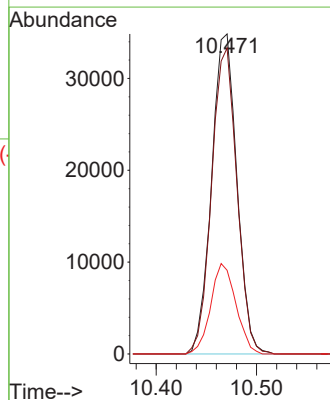
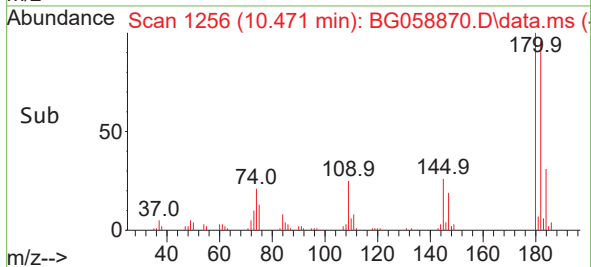
Delta R.T. -0.022 min

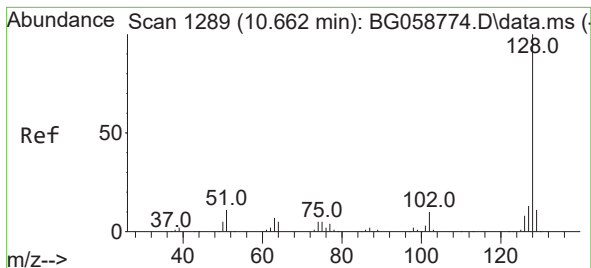
Lab File: BG058870.D

Acq: 28 Aug 2023 12:37



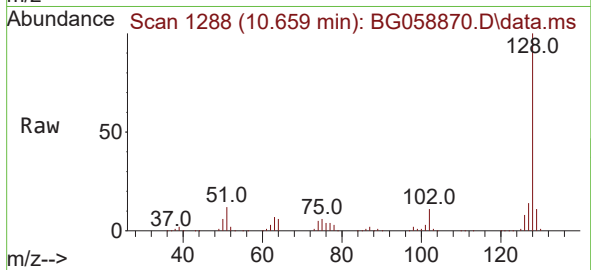
Tgt Ion:	180	Resp:	61032
Ion Ratio	Lower	Upper	
180	100		
182	95.6	74.6	112.0
145	26.2	21.4	32.0





#31
Naphthalene
Concen: 172.749 ng
RT: 10.659 min Scan# 1167
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

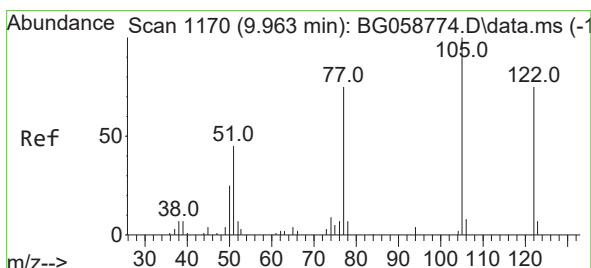
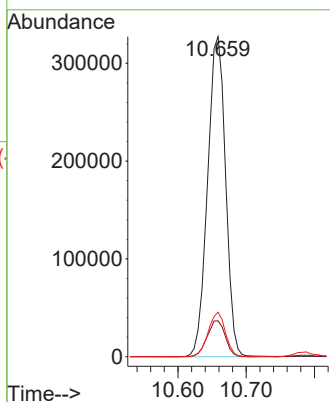
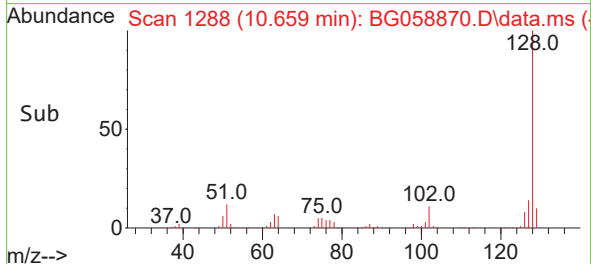
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



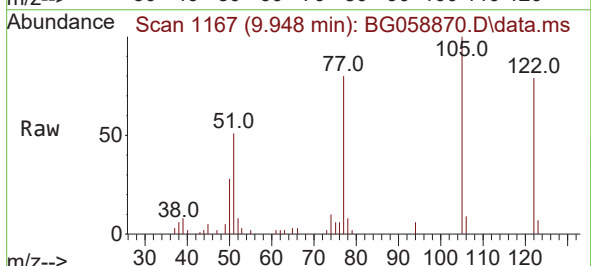
Tgt Ion:128 Resp: 601249
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.9 10.6 15.8

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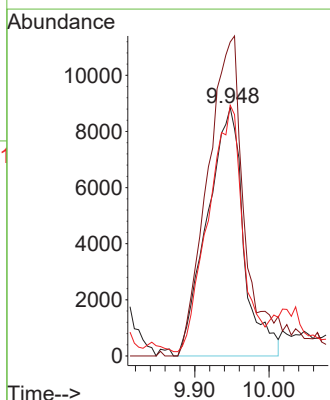
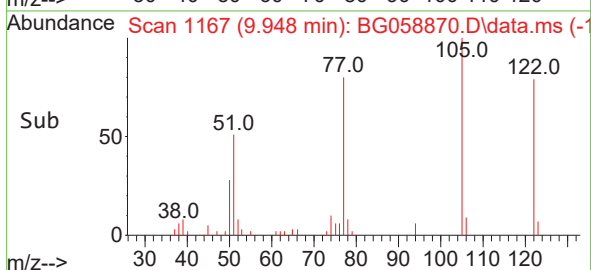
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

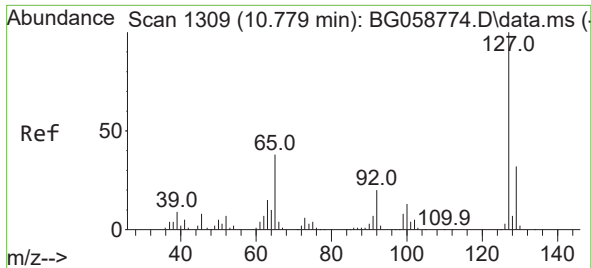


#32
Benzoic acid
Concen: 50.329 ng
RT: 9.948 min Scan# 1167
Delta R.T. -0.034 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37



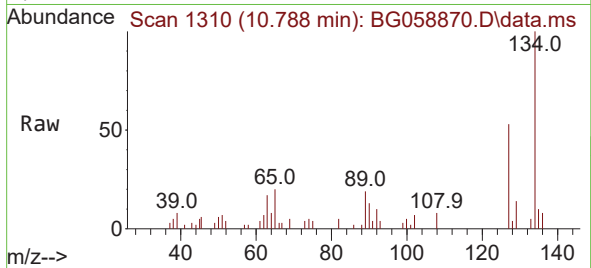
Tgt Ion:122 Resp: 30168
Ion Ratio Lower Upper
122 100
105 126.4 113.6 153.6
77 100.9 79.7 119.7





#33
4-Chloroaniline
Concen: 7.536 ng
RT: 10.788 min Scan# 1106
Delta R.T. -0.005 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

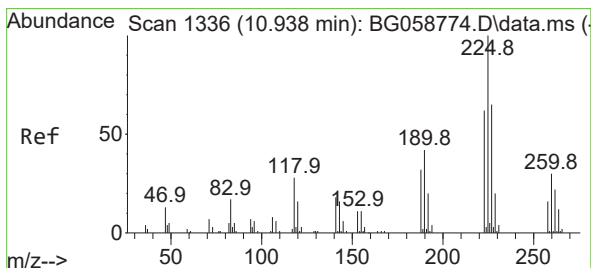
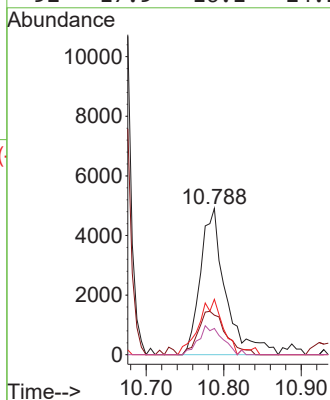
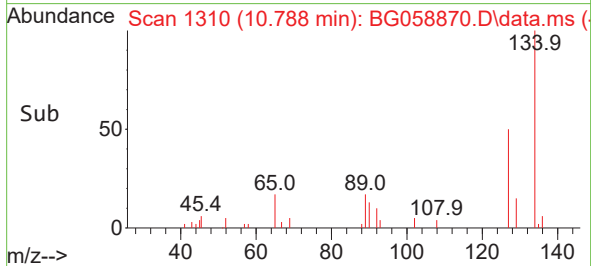
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion:127 Resp: 11062
Ion Ratio Lower Upper
127 100
129 27.0 25.2 37.8
65 37.9 30.5 45.7
92 17.9 16.1 24.1

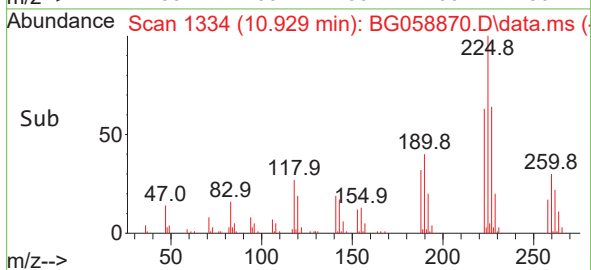
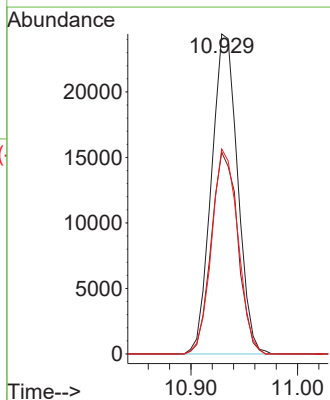
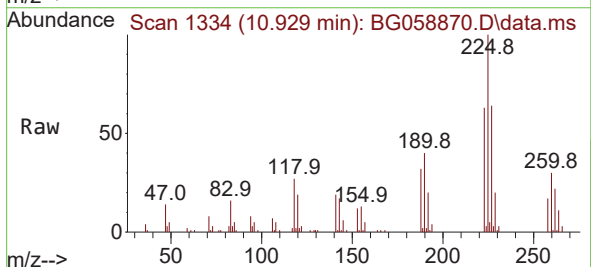
Manual Integrations
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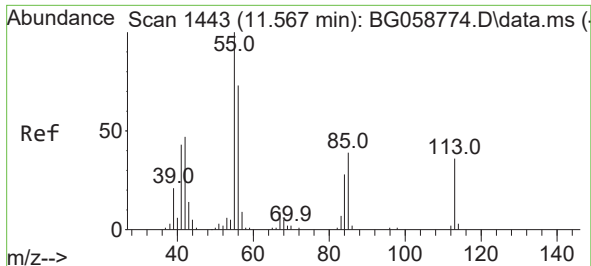
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#34
Hexachlorobutadiene
Concen: 51.091 ng
RT: 10.929 min Scan# 1334
Delta R.T. -0.028 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

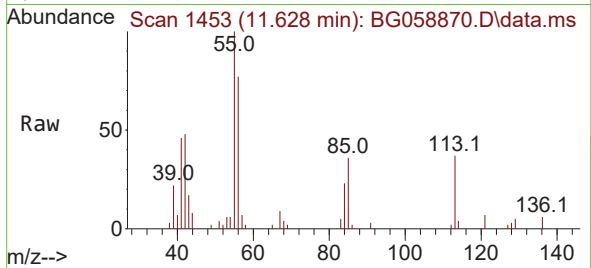
Tgt Ion:225 Resp: 41589
Ion Ratio Lower Upper
225 100
223 63.0 49.9 74.9
227 64.1 51.6 77.4





#35
 Caprolactam
 Concen: 47.630 ng/ml
 RT: 11.628 min Scan# 1443
 Delta R.T. 0.042 min
 Lab File: BG058870.D
 Acq: 28 Aug 2023 12:37

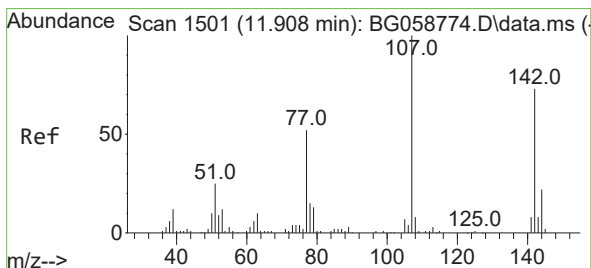
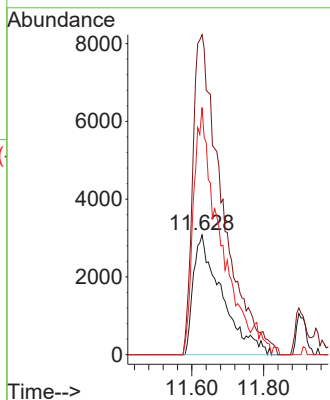
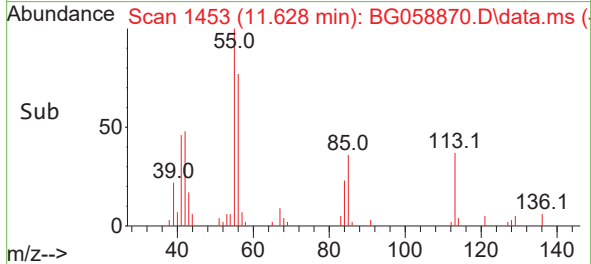
Instrument :
 BNA_G
 ClientSampleId :
 IDW-W-20230822MS



Tgt Ion:113 Resp: 1704
 Ion Ratio Lower Upper
 113 100
 55 267.3 256.3 296.3
 56 206.5 180.4 220.4

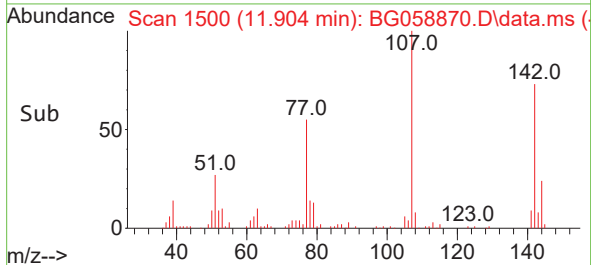
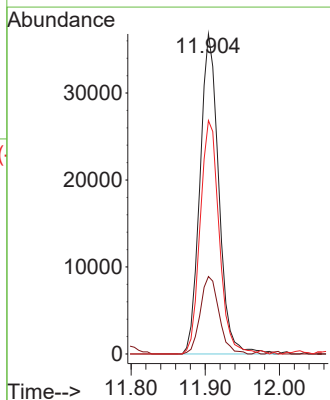
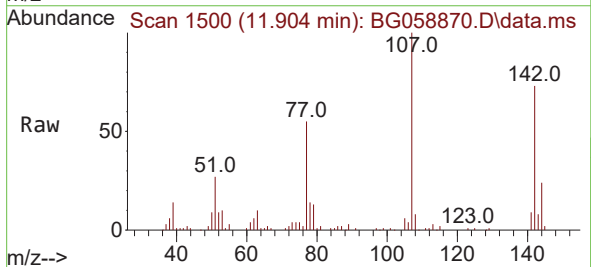
Manual Integrations
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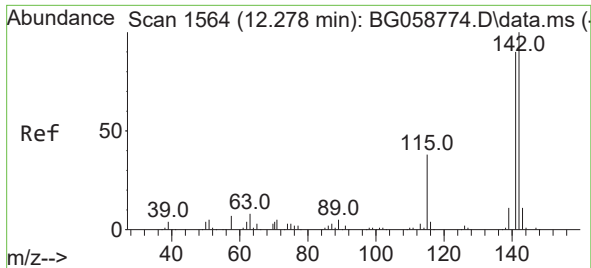
Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023



#36
 4-Chloro-3-methylphenol
 Concen: 52.085 ng/ml
 RT: 11.904 min Scan# 1500
 Delta R.T. -0.022 min
 Lab File: BG058870.D
 Acq: 28 Aug 2023 12:37

Tgt Ion:107 Resp: 64694
 Ion Ratio Lower Upper
 107 100
 144 24.2 17.9 26.9
 142 73.0 58.5 87.7





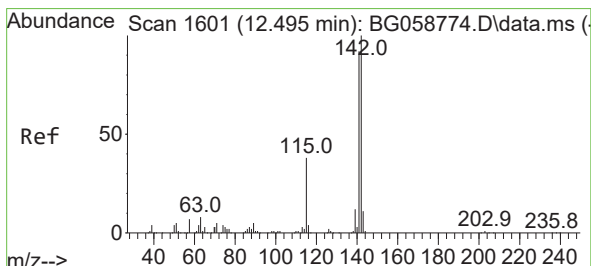
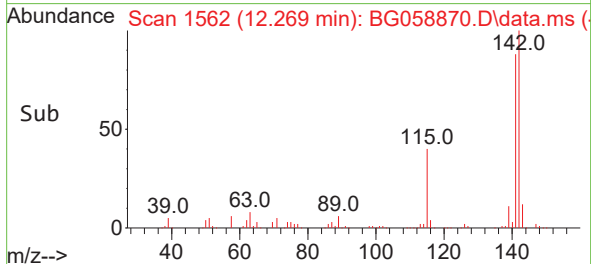
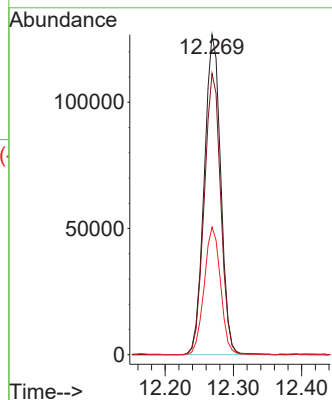
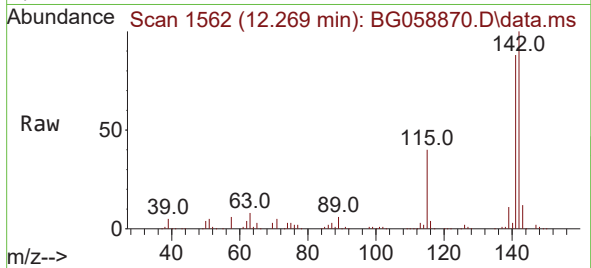
#37
2-Methylnaphthalene
Concen: 85.264 ng
RT: 12.269 min Scan# 11
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS

Tgt Ion:142 Resp: 21314
Ion Ratio Lower Upper
142 100
141 87.8 71.8 107.8
115 39.9 30.6 45.8

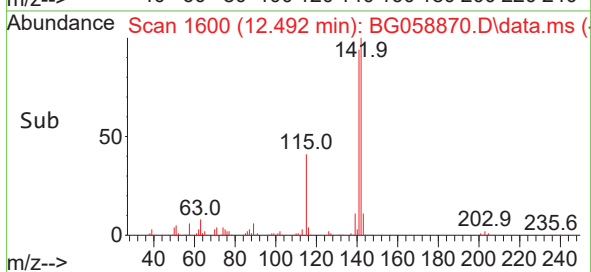
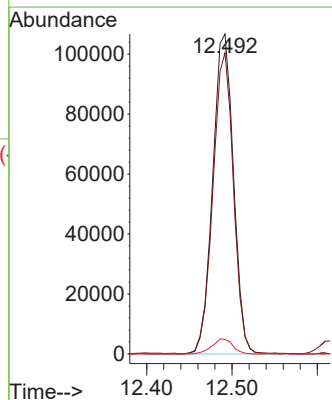
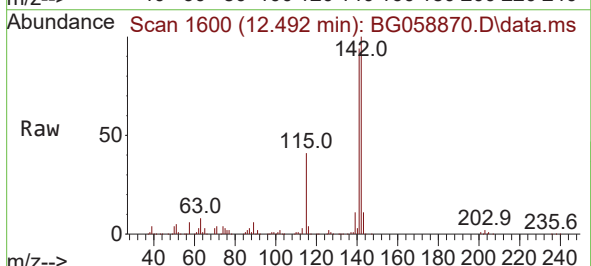
Manual Integrations
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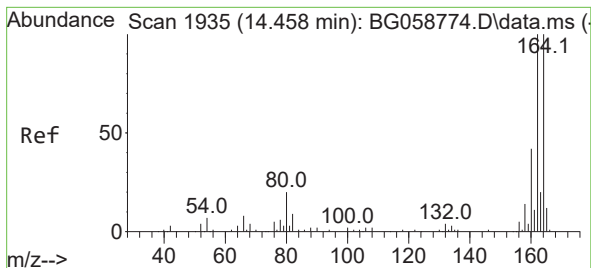
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#38
1-Methylnaphthalene
Concen: 76.104 ng
RT: 12.492 min Scan# 1600
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

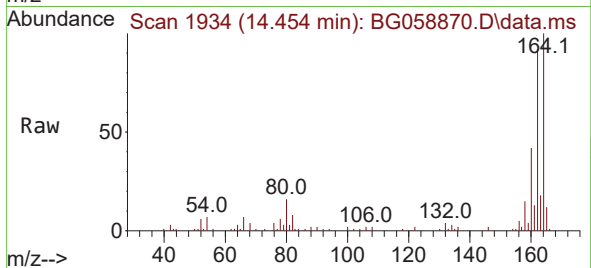
Tgt Ion:142 Resp: 180587
Ion Ratio Lower Upper
142 100
141 94.1 73.9 110.9
116 4.5 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.454 min Scan# 1934
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

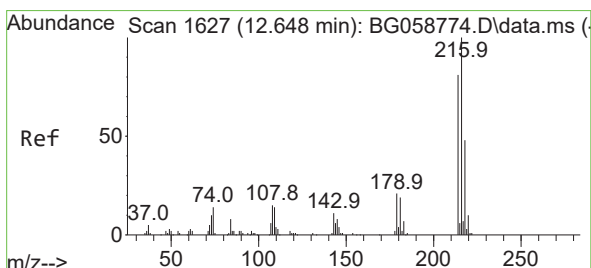
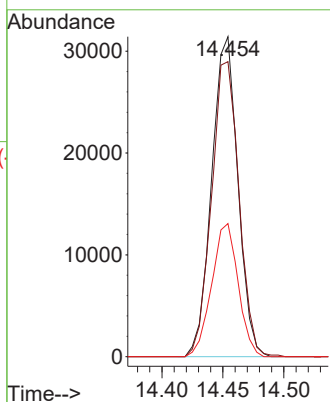
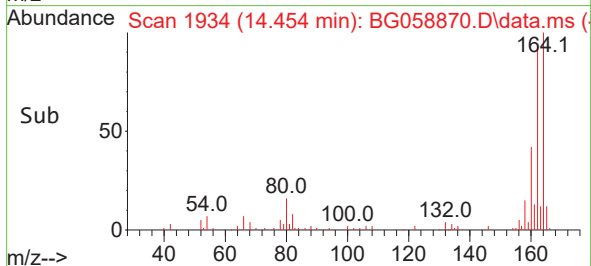
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion:164 Resp: 46970
Ion Ratio Lower Upper
164 100
162 92.2 79.6 119.4
160 41.6 34.0 51.0

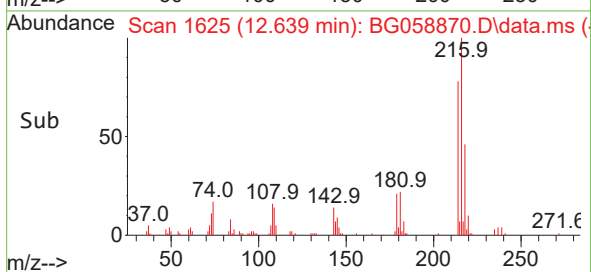
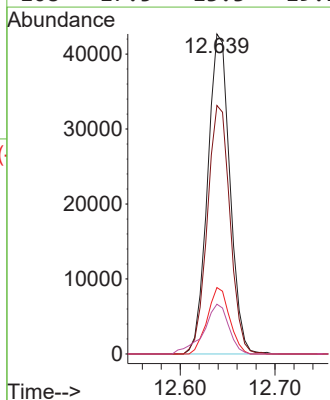
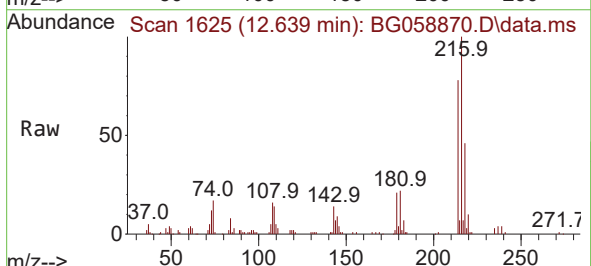
Manual Integrations
APPROVED

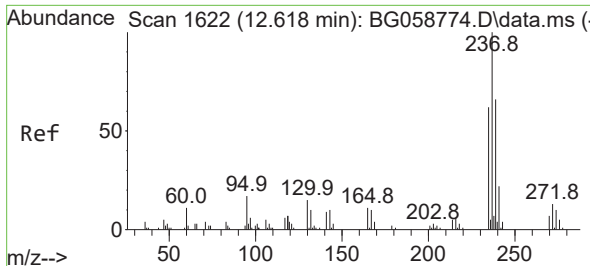
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.138 ng
RT: 12.639 min Scan# 1625
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

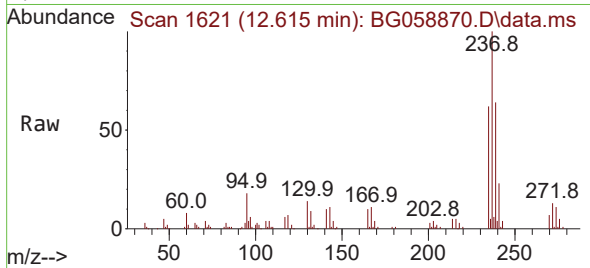
Tgt Ion:216 Resp: 69705
Ion Ratio Lower Upper
216 100
214 79.0 64.0 96.0
179 20.6 16.2 24.4
108 17.5 13.3 19.9





#41
Hexachlorocyclopentadiene
Concen: 111.909 ng
RT: 12.615 min Scan# 1621
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

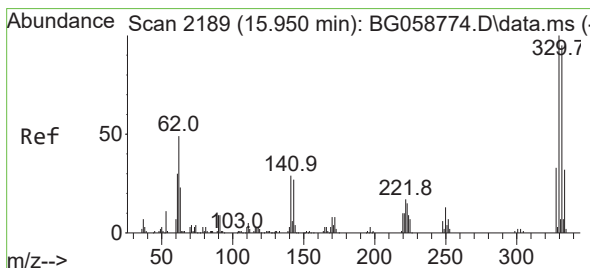
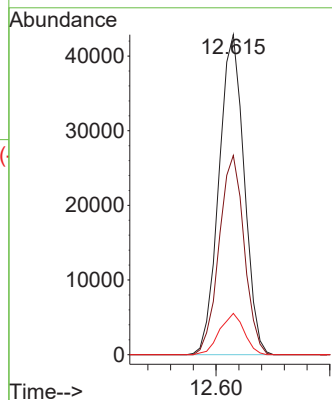
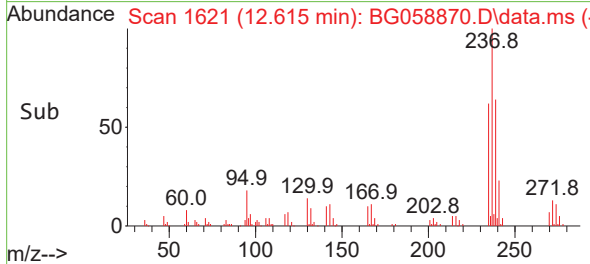
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion:237 Resp: 65998
Ion Ratio Lower Upper
237 100
235 62.3 41.5 81.5
272 12.9 0.0 32.5

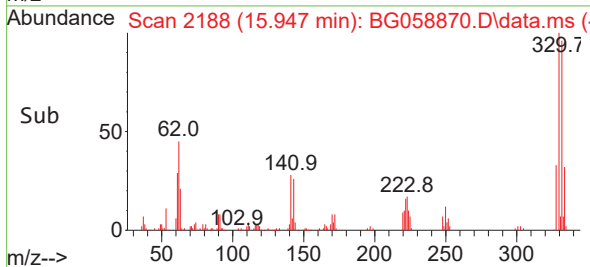
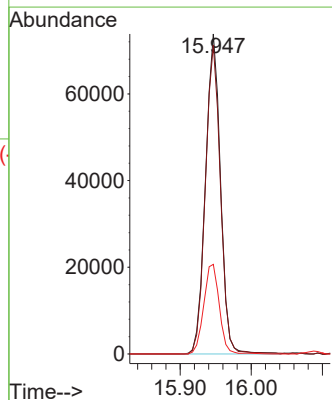
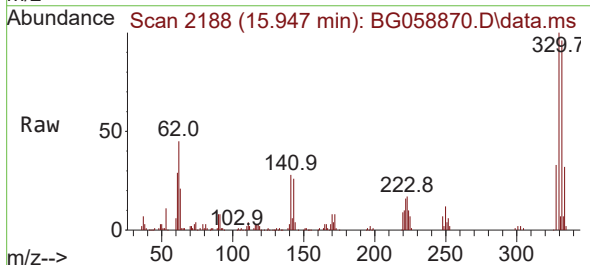
Manual Integrations
APPROVED

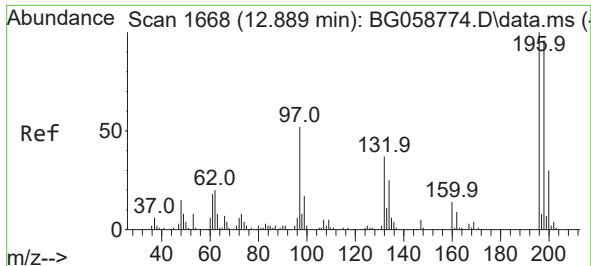
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#42
2,4,6-Tribromophenol
Concen: 147.474 ng
RT: 15.947 min Scan# 2188
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

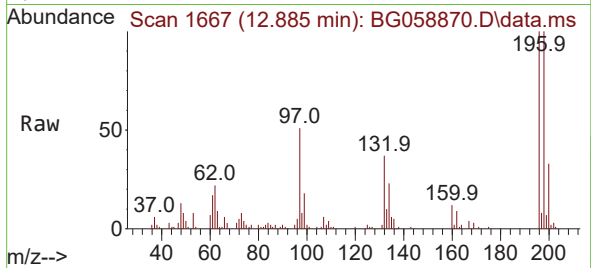
Tgt Ion:330 Resp: 108612
Ion Ratio Lower Upper
330 100
332 96.8 78.5 117.7
141 29.0 23.0 34.6





#43
2,4,6-Trichlorophenol
Concen: 52.706 ng
RT: 12.885 min Scan# 1667
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

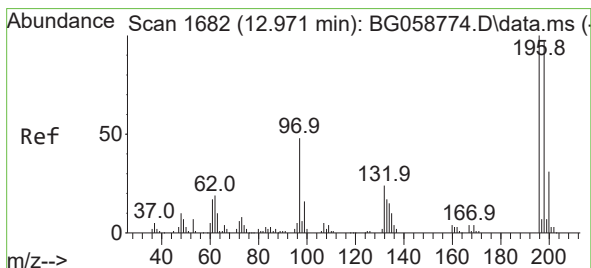
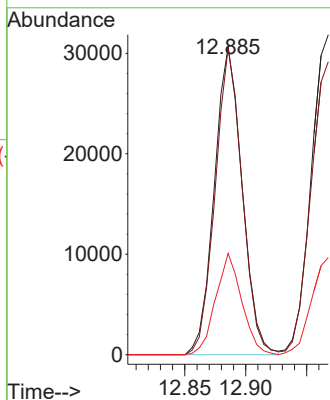
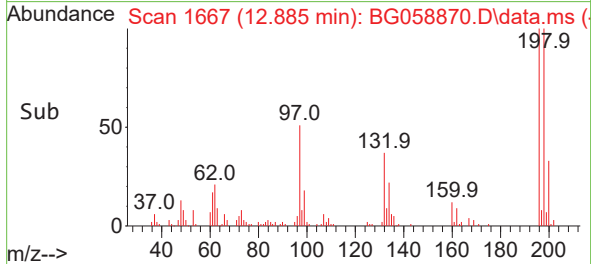
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



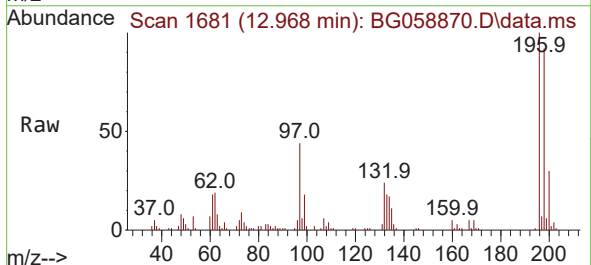
Tgt Ion:196 Resp: 48562
Ion Ratio Lower Upper
196 100
198 99.5 77.0 115.4
200 32.9 23.8 35.6

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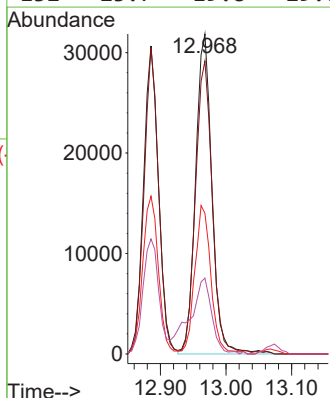
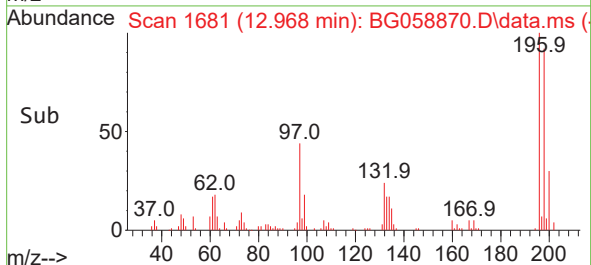
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

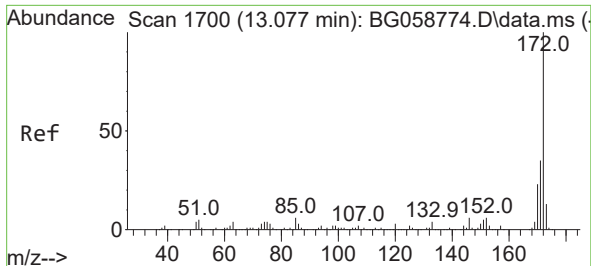


#44
2,4,5-Trichlorophenol
Concen: 50.228 ng
RT: 12.968 min Scan# 1681
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37



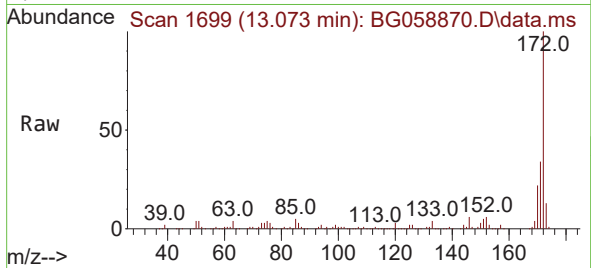
Tgt Ion:196 Resp: 55419
Ion Ratio Lower Upper
196 100
198 91.6 78.0 117.0
97 44.0 38.7 58.1
132 23.7 19.8 29.6





#45
2-Fluorobiphenyl
Concen: 87.664 ng
RT: 13.073 min Scan# 1699
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

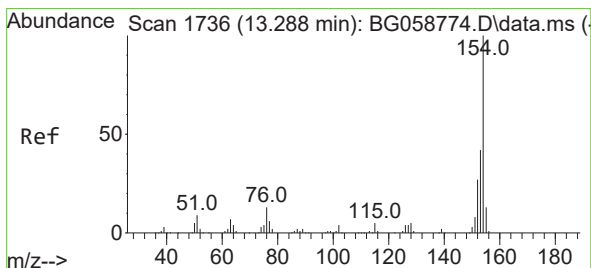
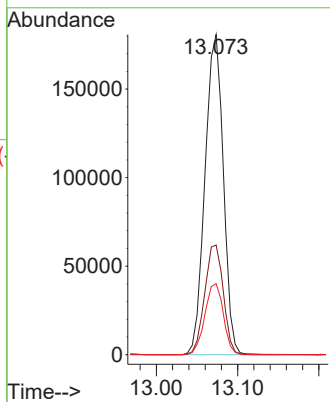
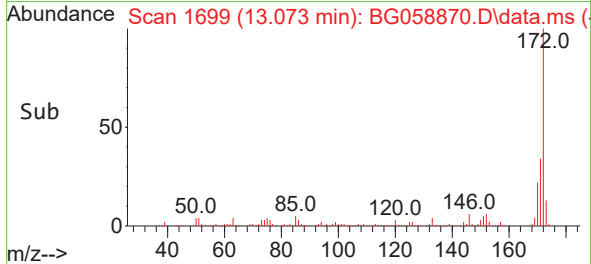
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



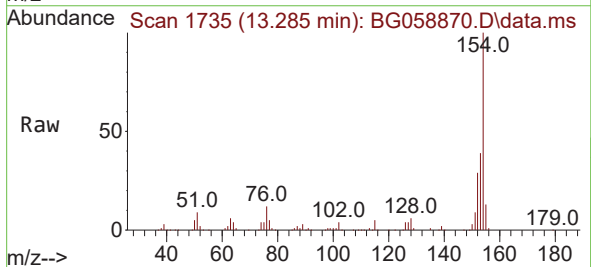
Tgt Ion:172 Resp: 283100
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 22.2 18.6 27.8

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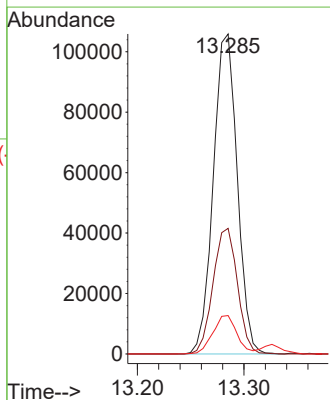
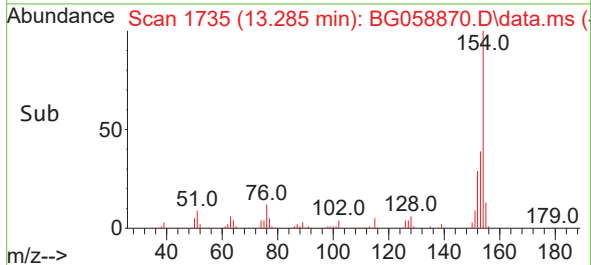
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

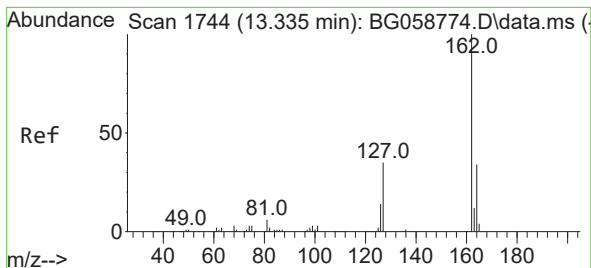


#46
1,1'-Biphenyl
Concen: 50.962 ng
RT: 13.285 min Scan# 1735
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37



Tgt Ion:154 Resp: 164896
Ion Ratio Lower Upper
154 100
153 39.2 21.7 61.7
76 12.0 0.0 33.2





#47

2-Chloronaphthalene

Concen: 50.357 ng

RT: 13.326 min Scan# 1

Delta R.T. -0.022 min

Lab File: BG058870.D

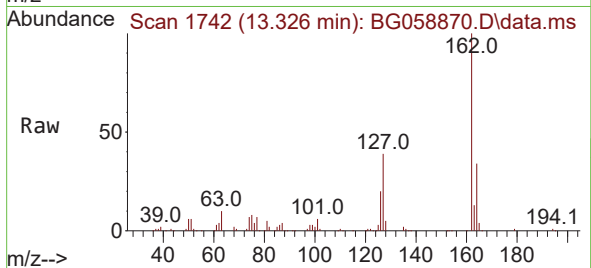
Acq: 28 Aug 2023 12:37

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MS



Tgt Ion:162 Resp: 126978

Ion Ratio Lower Upper

162 100

127 38.8 31.5 47.3

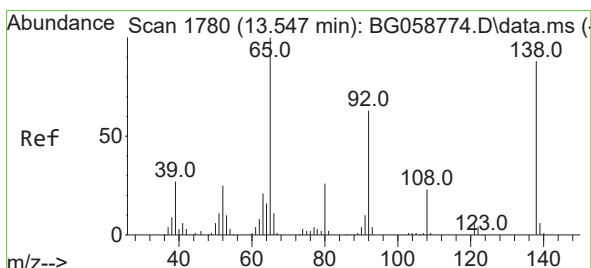
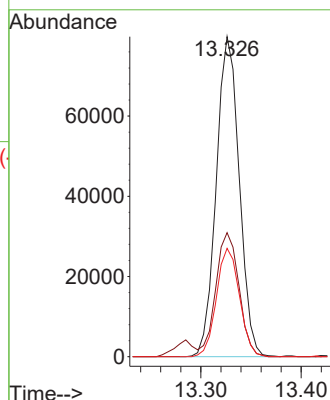
164 33.9 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#48

2-Nitroaniline

Concen: 47.699 ng

RT: 13.538 min Scan# 1778

Delta R.T. -0.022 min

Lab File: BG058870.D

Acq: 28 Aug 2023 12:37

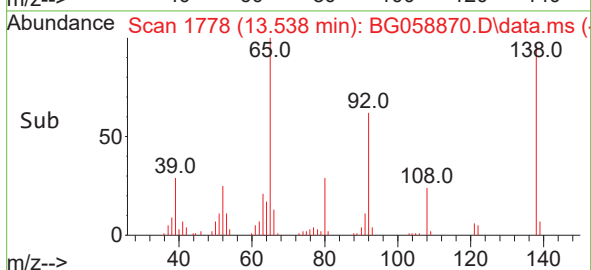
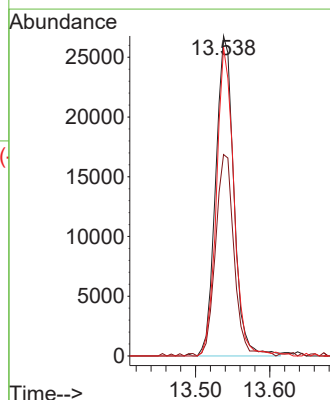
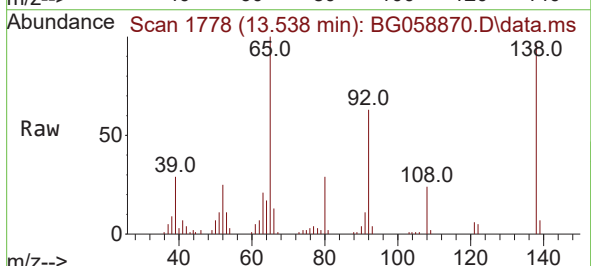
Tgt Ion: 65 Resp: 45680

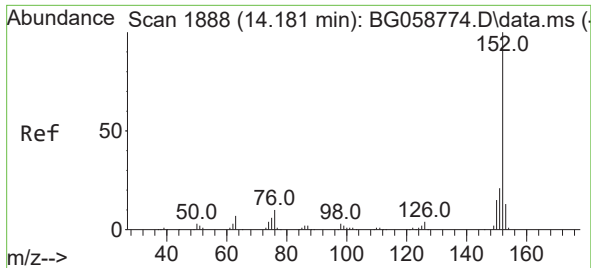
Ion Ratio Lower Upper

65 100

92 63.0 50.7 76.1

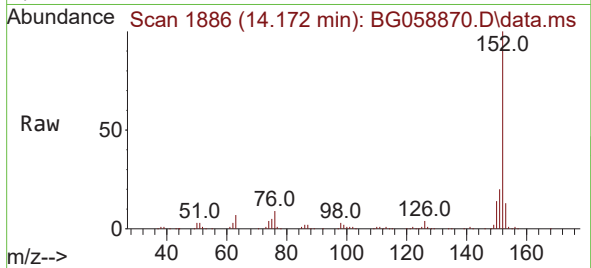
138 96.4 70.7 106.1





#49
Acenaphthylene
Concen: 59.541 ng
RT: 14.172 min Scan# 1886
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

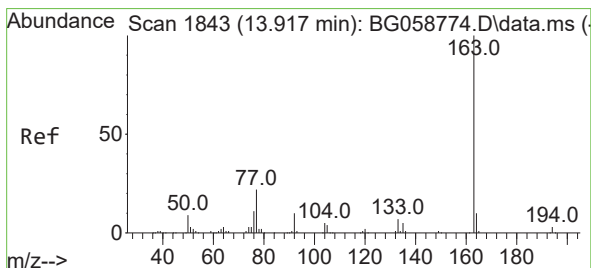
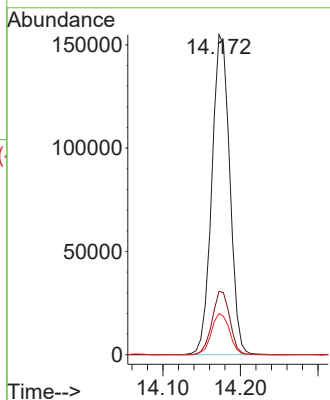
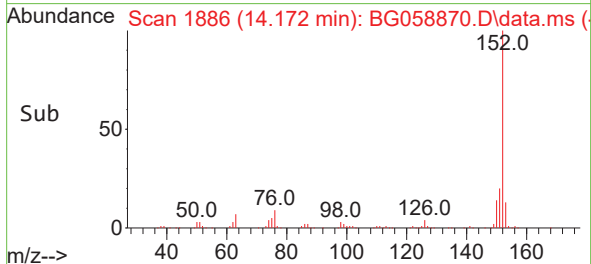
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



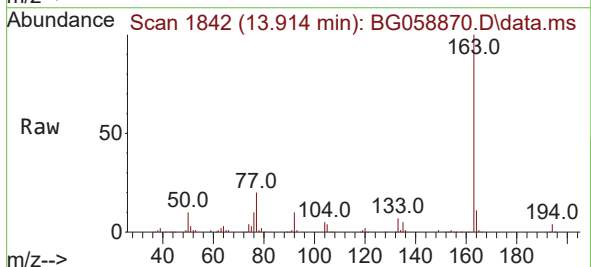
Tgt Ion:152 Resp: 248979
Ion Ratio Lower Upper
152 100
151 19.8 16.9 25.3
153 12.9 10.7 16.1

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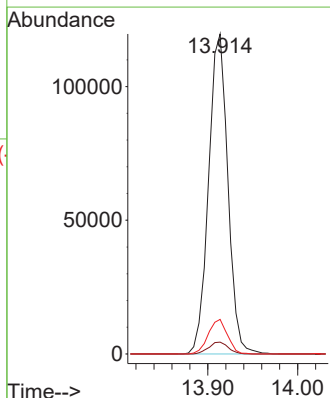
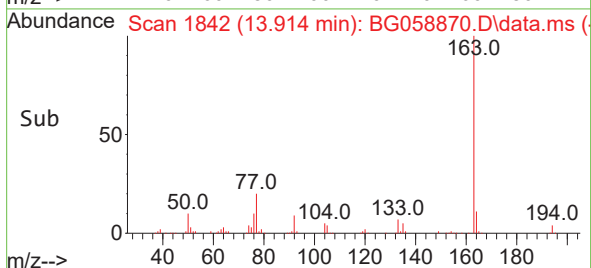
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

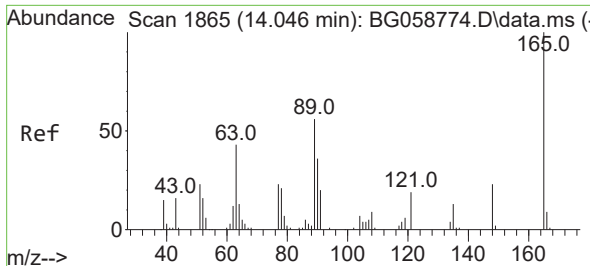


#50
Dimethylphthalate
Concen: 49.056 ng
RT: 13.914 min Scan# 1842
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37



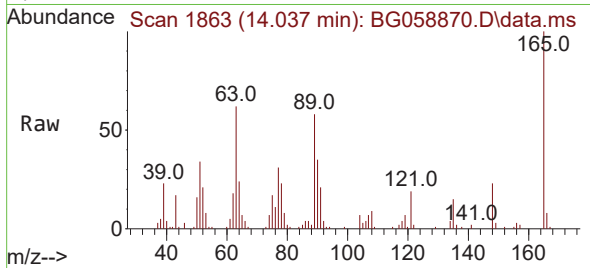
Tgt Ion:163 Resp: 178407
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.8 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 51.893 ng
RT: 14.037 min Scan# 1863
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

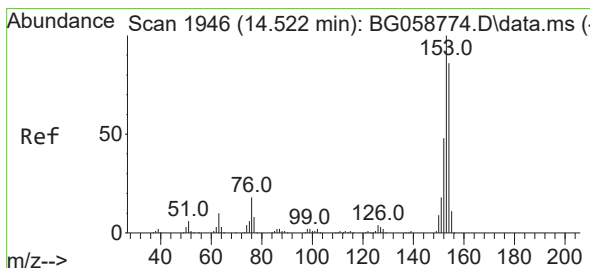
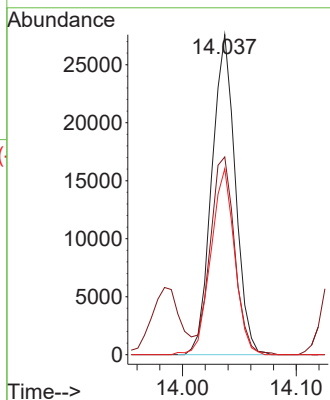
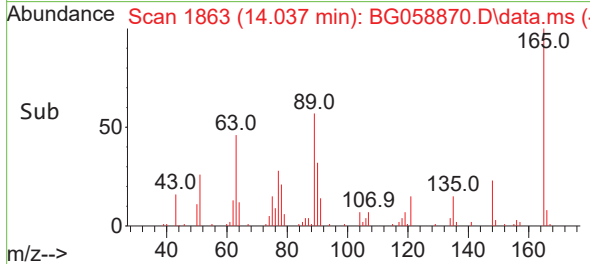
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion:165 Resp: 39648
Ion Ratio Lower Upper
165 100
63 61.8 47.2 70.8
89 58.1 45.0 67.4

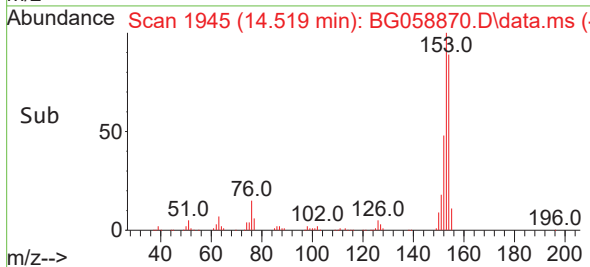
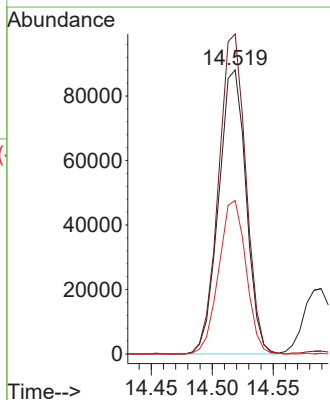
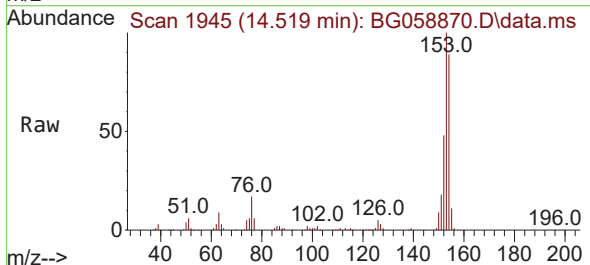
Manual Integrations
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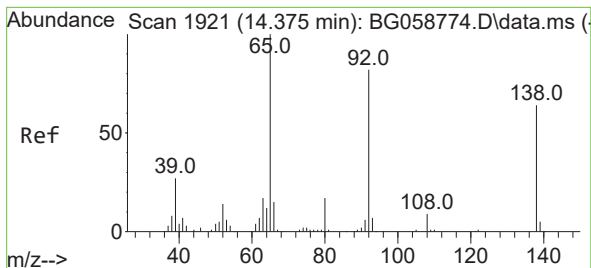
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#52
Acenaphthene
Concen: 56.460 ng
RT: 14.519 min Scan# 1945
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

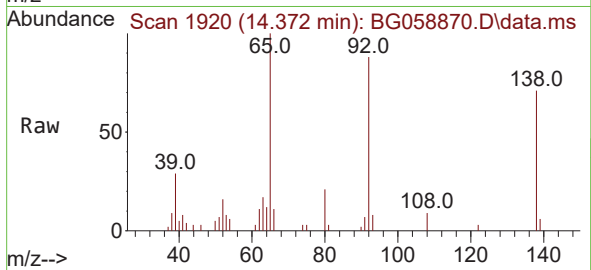
Tgt Ion:154 Resp: 137967
Ion Ratio Lower Upper
154 100
153 112.7 92.7 139.1
152 54.0 44.2 66.2





#53
3-Nitroaniline
Concen: 11.379 ng
RT: 14.372 min Scan# 1920
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

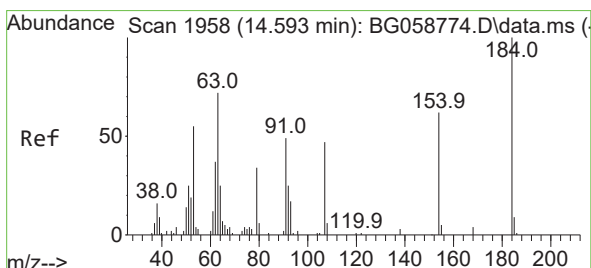
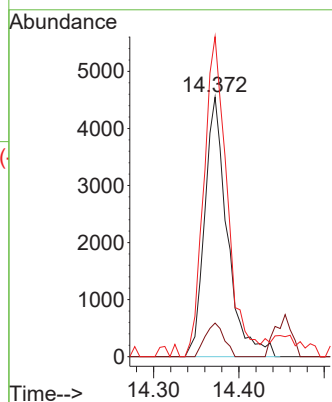
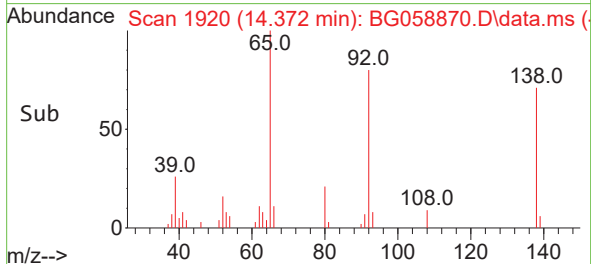
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion:138 Resp: 838
Ion Ratio Lower Upper
138 100
108 12.9 11.8 17.8
92 123.3 102.5 153.7

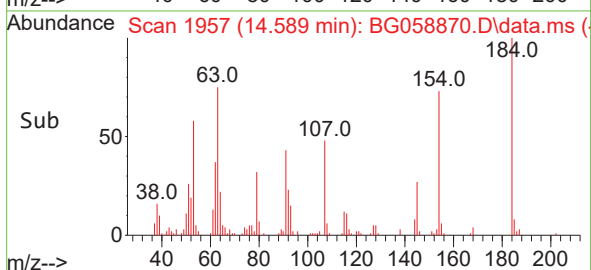
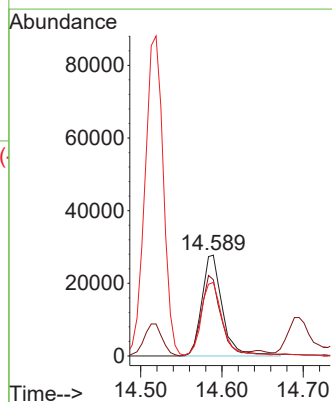
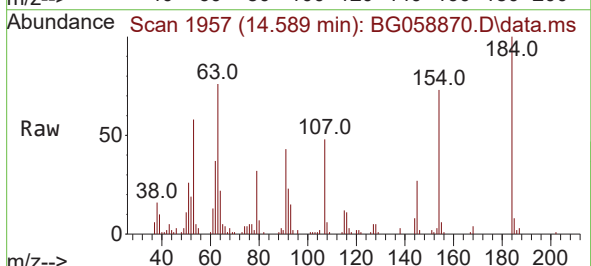
Manual Integrations
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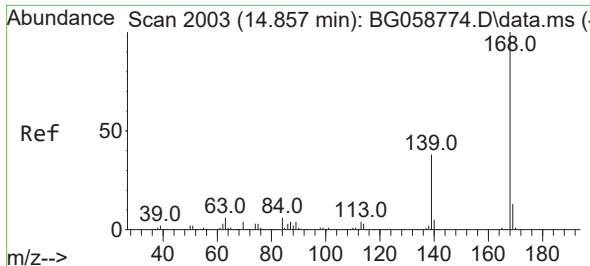
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#54
2,4-Dinitrophenol
Concen: 111.014 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

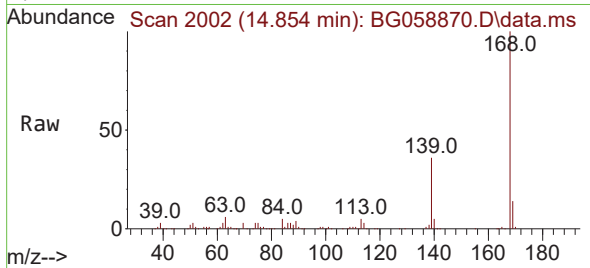
Tgt Ion:184 Resp: 48653
Ion Ratio Lower Upper
184 100
63 75.7 57.7 86.5
154 73.1 51.8 77.6





#55
Dibenzofuran
Concen: 49.673 ng
RT: 14.854 min Scan# 2003
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

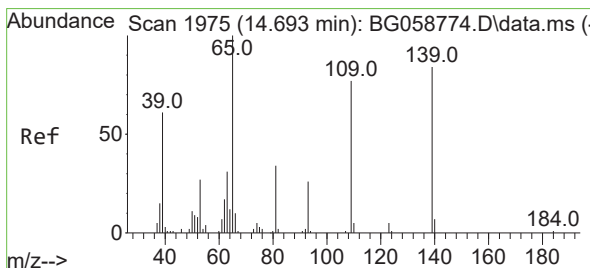
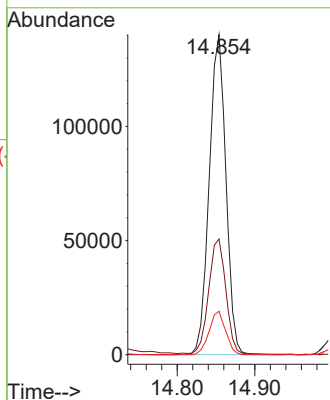
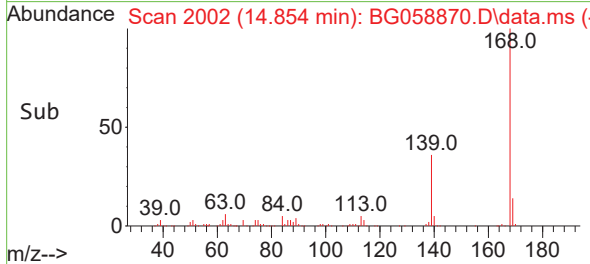
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion:168 Resp: 20938
Ion Ratio Lower Upper
168 100
139 36.1 30.4 45.6
169 13.6 10.7 16.1

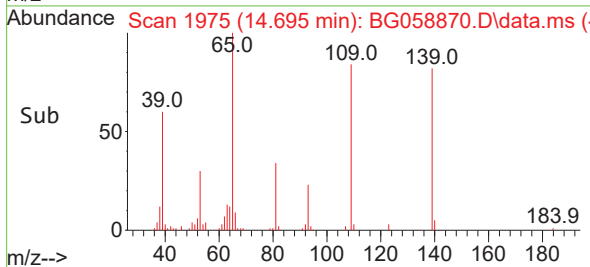
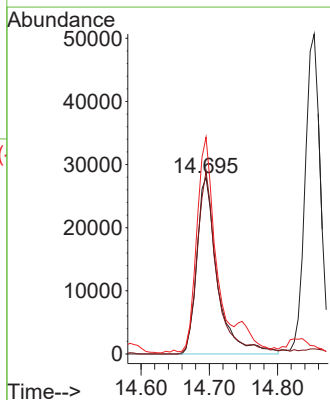
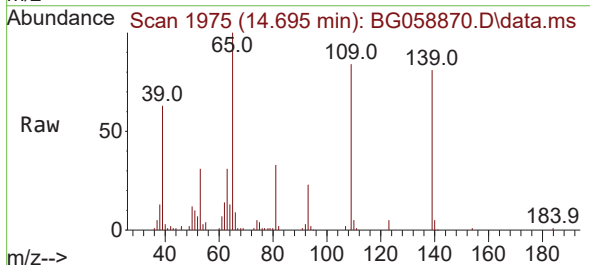
Manual Integrations
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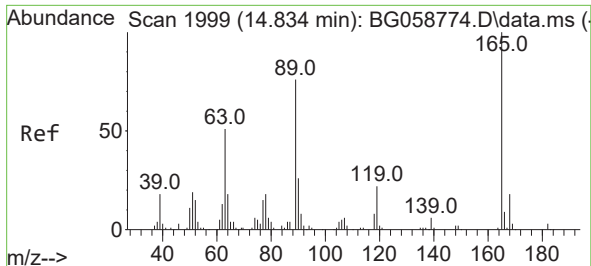
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#56
4-Nitrophenol
Concen: 108.475 ng
RT: 14.695 min Scan# 1975
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

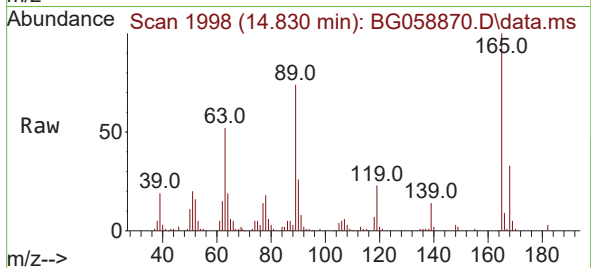
Tgt Ion:139 Resp: 58724
Ion Ratio Lower Upper
139 100
109 103.3 71.9 111.9
65 122.8 100.7 140.7





#57
2,4-Dinitrotoluene
Concen: 54.251 ng
RT: 14.830 min Scan# 1999
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

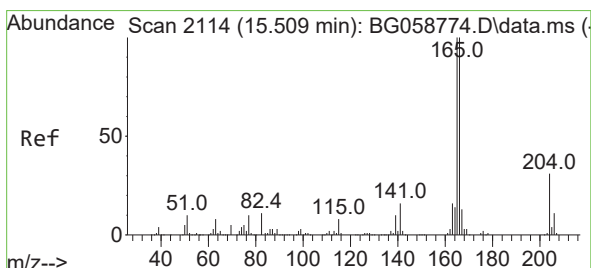
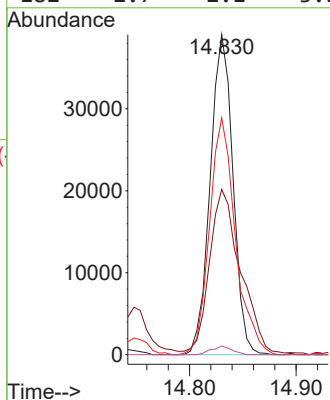
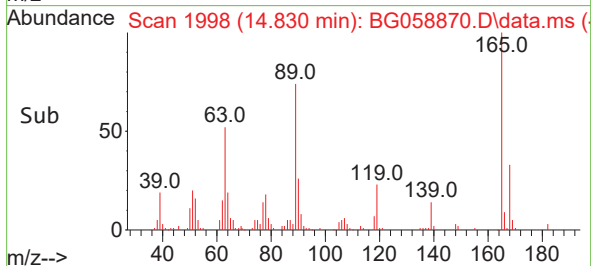
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion:165 Resp: 5781
Ion Ratio Lower Upper
165 100
63 51.6 41.8 62.6
89 74.0 60.7 91.1
182 2.7 2.1 3.1

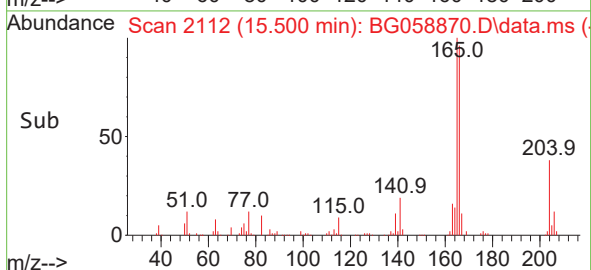
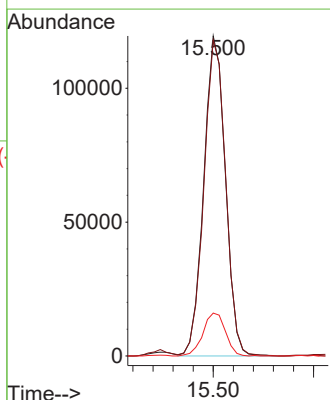
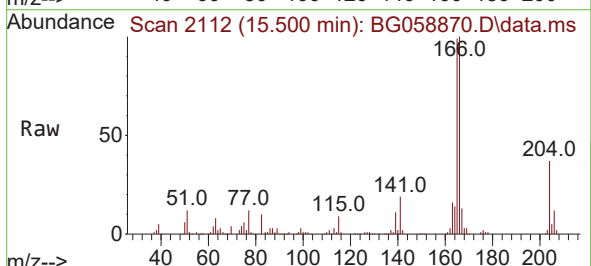
Manual Integrations
APPROVED

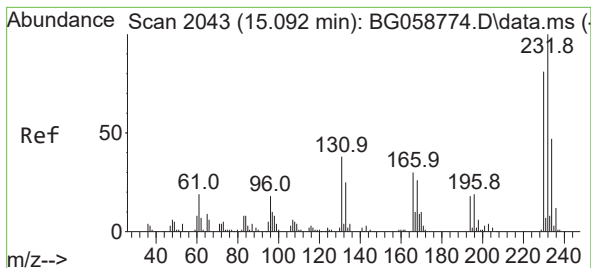
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#58
Fluorene
Concen: 53.467 ng
RT: 15.500 min Scan# 2112
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

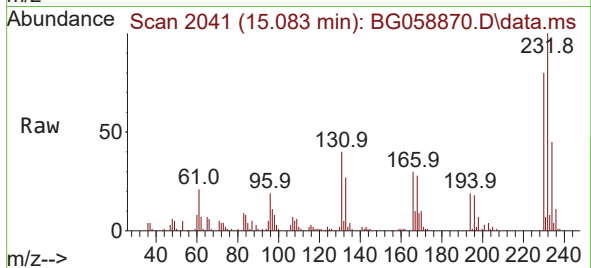
Tgt Ion:166 Resp: 179361
Ion Ratio Lower Upper
166 100
165 98.7 79.9 119.9
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 56.378 ng
RT: 15.083 min Scan# 2043
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

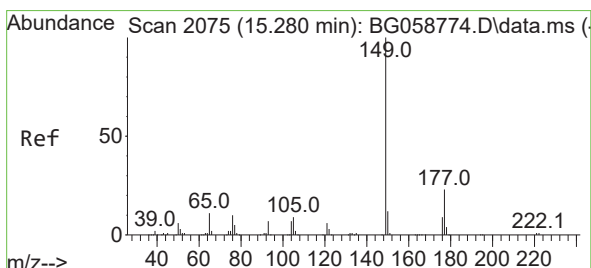
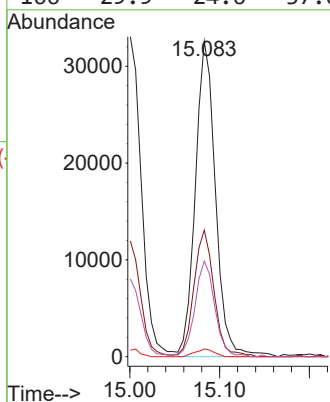
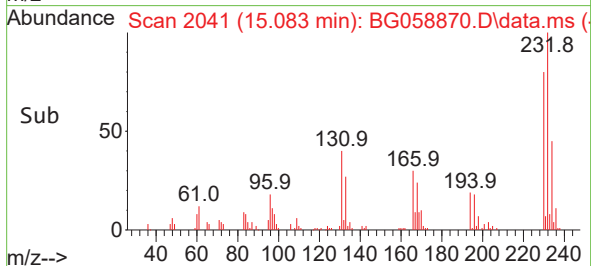
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion:232 Resp: 5076
Ion Ratio Lower Upper
232 100
131 39.9 33.9 50.9
130 2.3 1.8 2.6
166 29.9 24.6 37.0

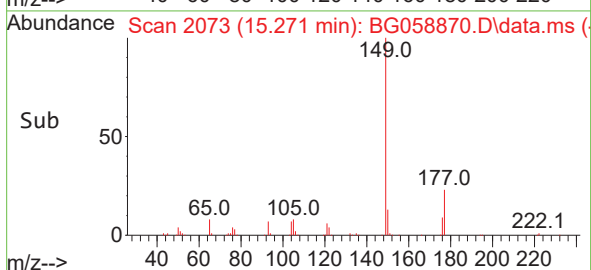
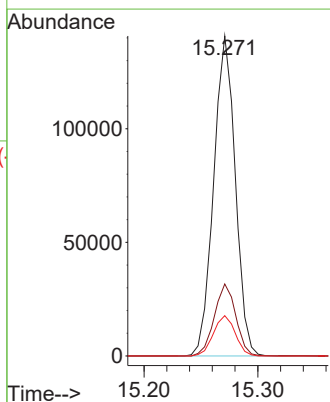
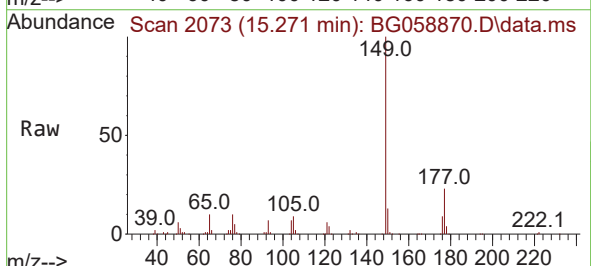
Manual Integrations
APPROVED

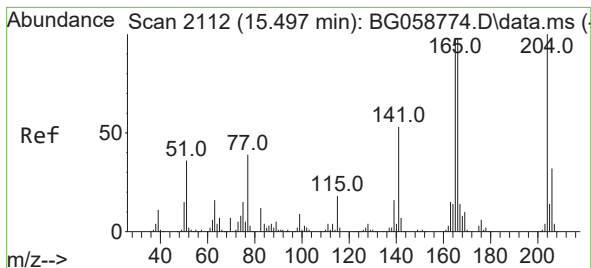
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#60
Diethylphthalate
Concen: 49.615 ng
RT: 15.271 min Scan# 2073
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

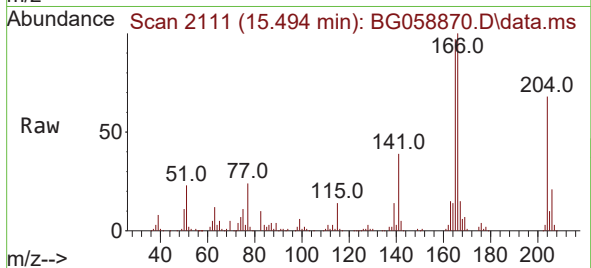
Tgt Ion:149 Resp: 186038
Ion Ratio Lower Upper
149 100
177 22.5 18.2 27.2
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 48.864 ng
RT: 15.494 min Scan# 2111
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

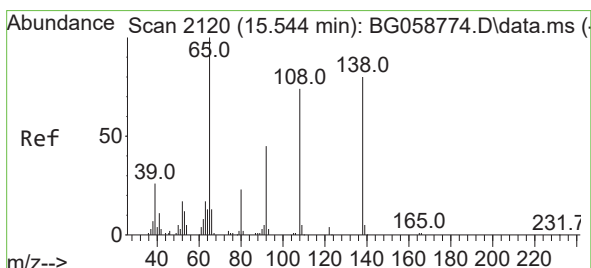
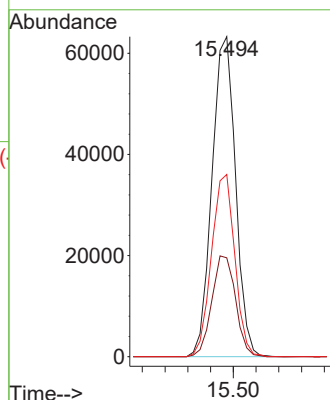
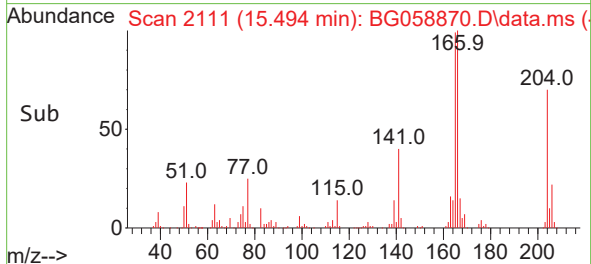
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion:204 Resp: 9085
Ion Ratio Lower Upper
204 100
206 30.9 25.6 38.4
141 57.0 42.3 63.5

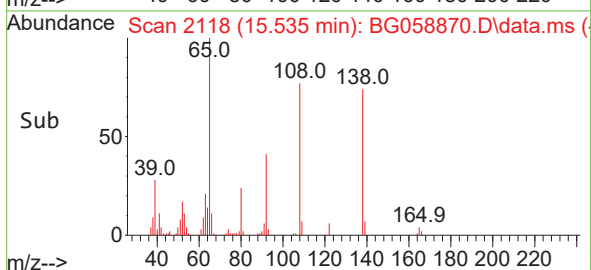
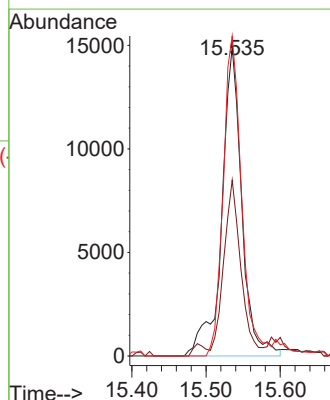
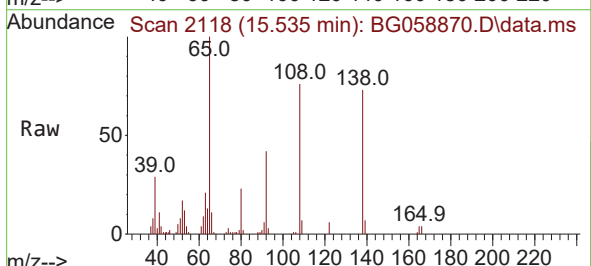
Manual Integrations
APPROVED

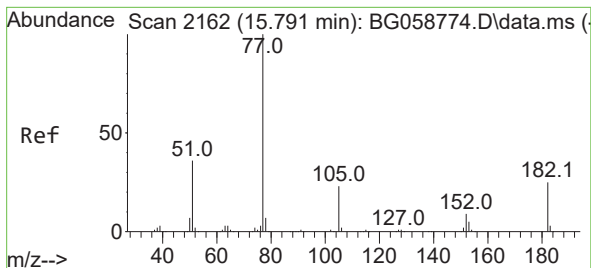
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#62
4-Nitroaniline
Concen: 37.522 ng
RT: 15.535 min Scan# 2118
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

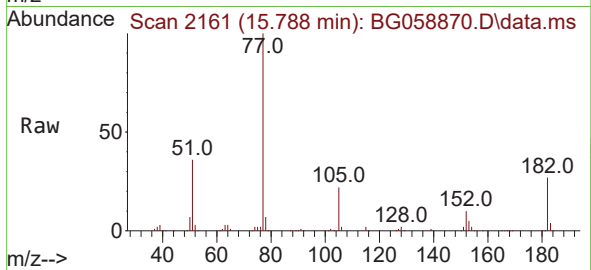
Tgt Ion:138 Resp: 28060
Ion Ratio Lower Upper
138 100
92 56.9 36.4 76.4
108 103.6 72.2 112.2





#63
Azobenzene
Concen: 46.796 ng
RT: 15.788 min Scan# 2161
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

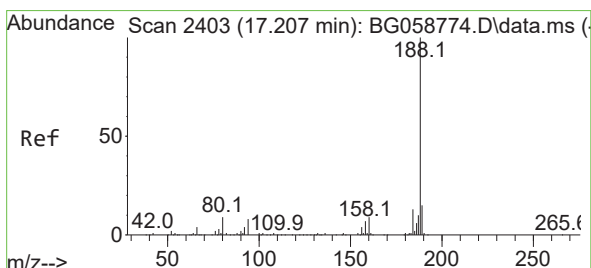
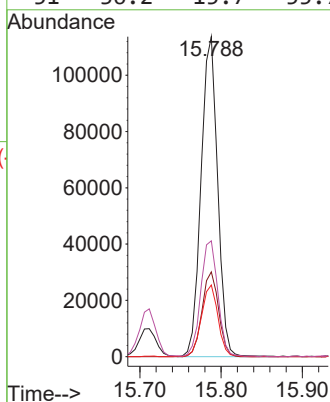
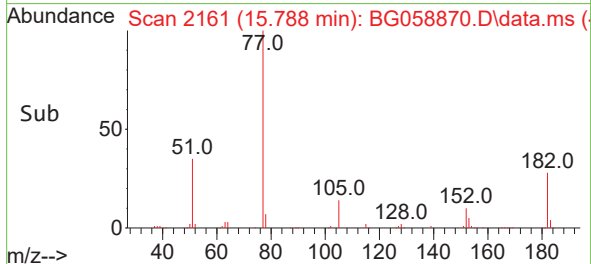
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



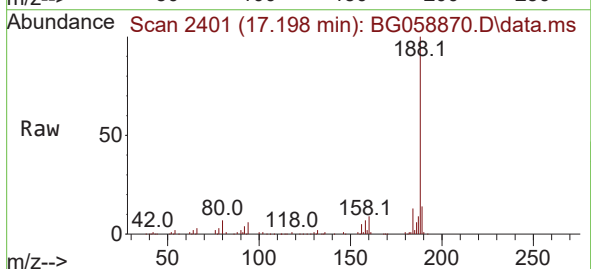
Tgt Ion: 77 Resp: 161120
Ion Ratio Lower Upper
77 100
182 26.5 4.9 44.9
105 22.4 2.8 42.8
51 36.2 15.7 55.7

Manual Integrations
APPROVED

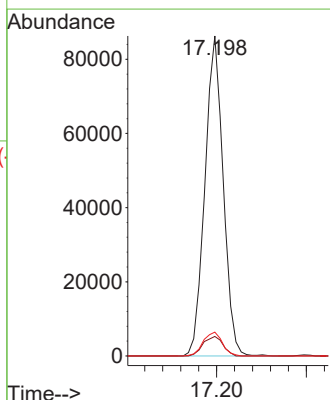
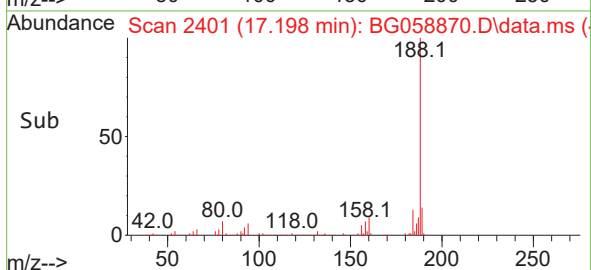
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

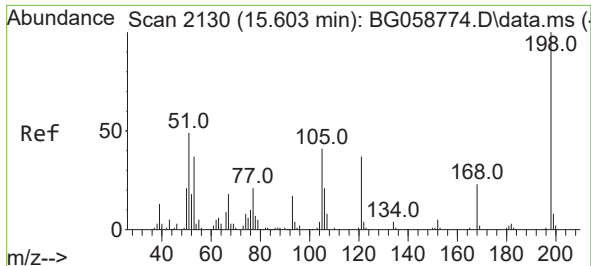


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2401
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37



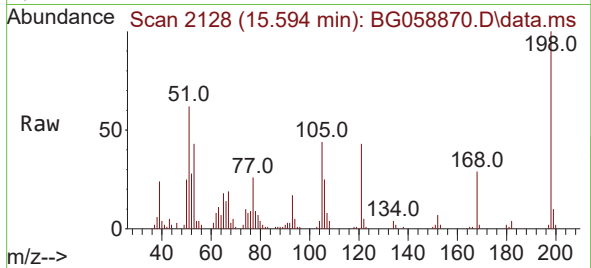
Tgt Ion:188 Resp: 121878
Ion Ratio Lower Upper
188 100
94 6.1 6.1 9.1
80 7.5 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 51.097 ng
RT: 15.594 min Scan# 2128
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

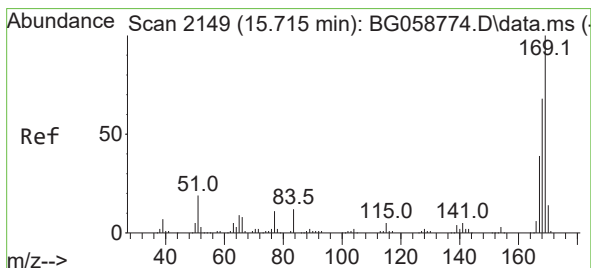
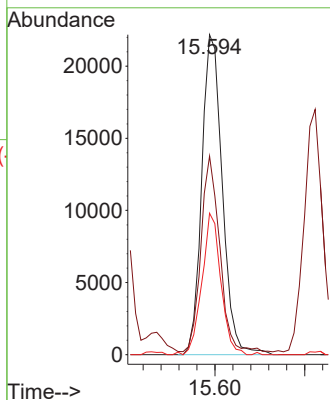
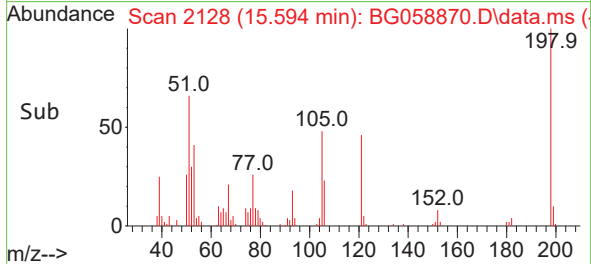
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



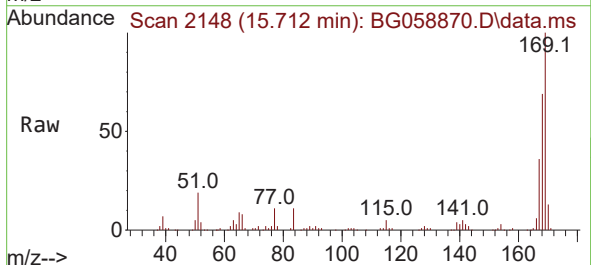
Tgt Ion:198 Resp: 3520
Ion Ratio Lower Upper
198 100
51 62.0 31.3 71.3
105 44.2 20.7 60.7

Manual Integrations
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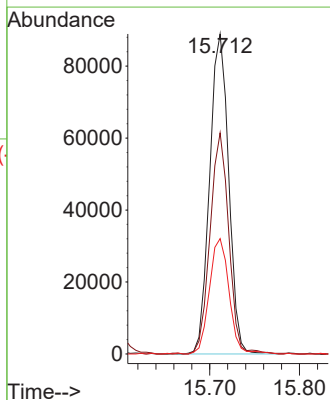
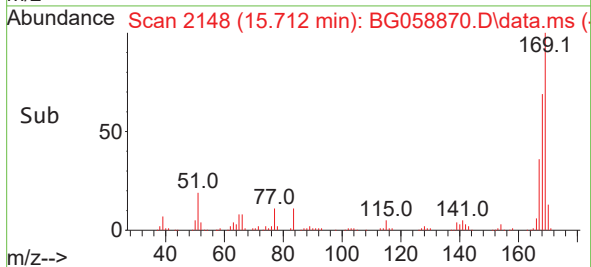
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

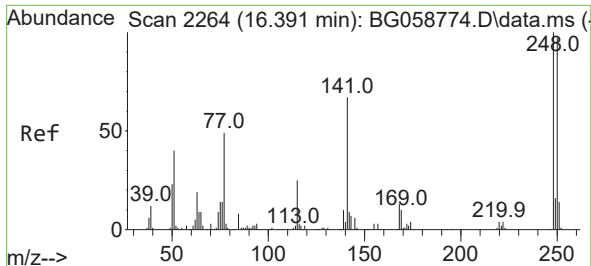


#66
n-Nitrosodiphenylamine
Concen: 41.640 ng
RT: 15.712 min Scan# 2148
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37



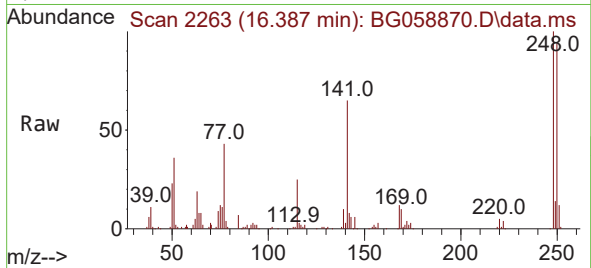
Tgt Ion:169 Resp: 130803
Ion Ratio Lower Upper
169 100
168 69.1 54.4 81.6
167 36.0 31.4 47.0





#67
4-Bromophenyl-phenylether
Concen: 47.122 ng
RT: 16.387 min Scan# 21
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

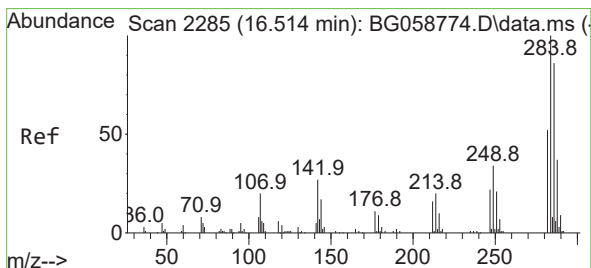
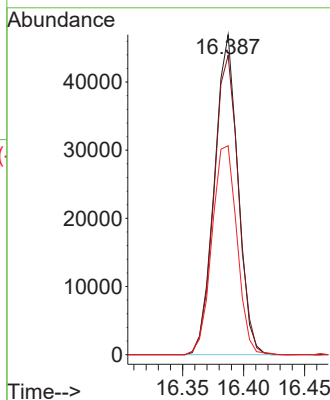
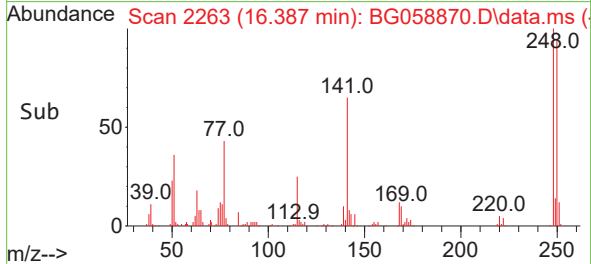
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



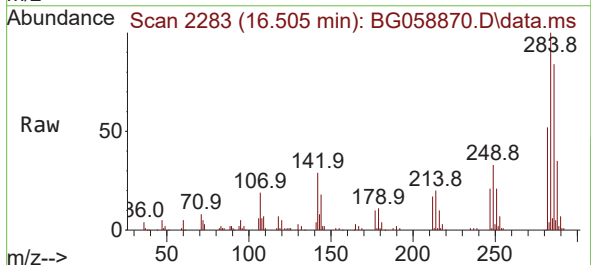
Tgt Ion:248 Resp: 6302
Ion Ratio Lower Upper
248 100
250 93.6 77.7 116.5
141 65.3 53.6 80.4

Manual Integrations
APPROVED

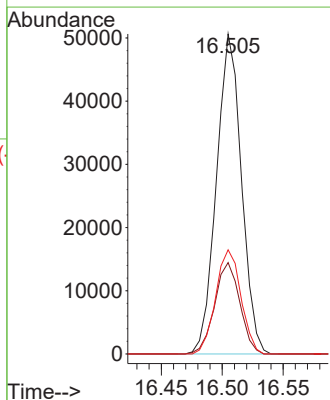
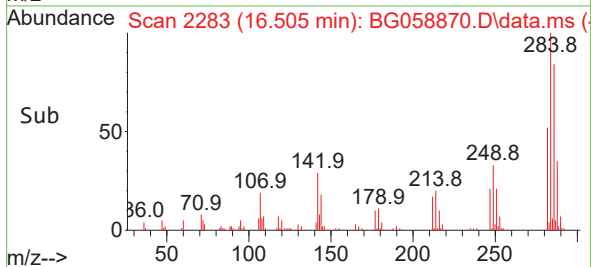
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

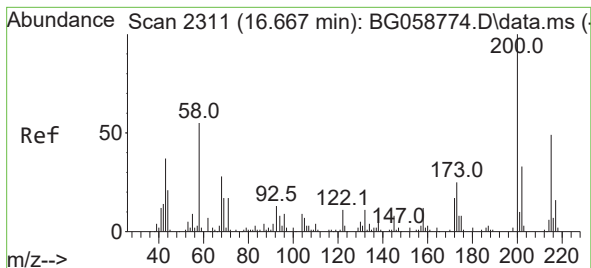


#68
Hexachlorobenzene
Concen: 50.194 ng
RT: 16.505 min Scan# 2283
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37



Tgt Ion:284 Resp: 72251
Ion Ratio Lower Upper
284 100
142 28.5 22.0 33.0
249 32.5 27.2 40.8





#69

Atrazine

Concen: 21.555 ng

RT: 16.658 min Scan# 21

Delta R.T. -0.022 min

Lab File: BG058870.D

Acq: 28 Aug 2023 12:37

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MS

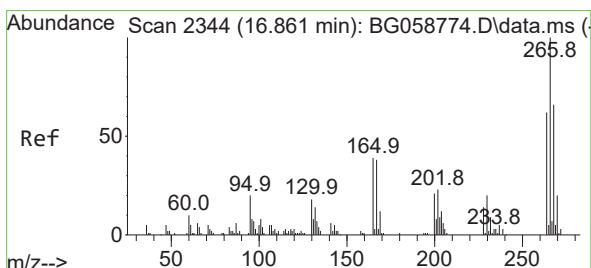
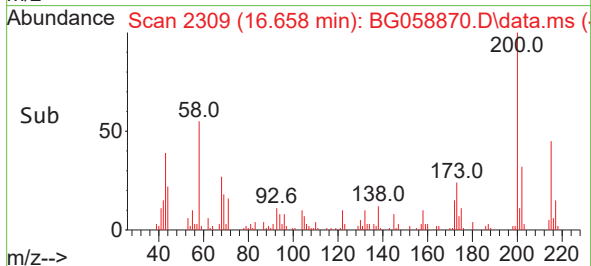
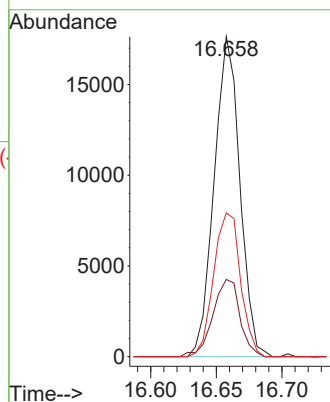
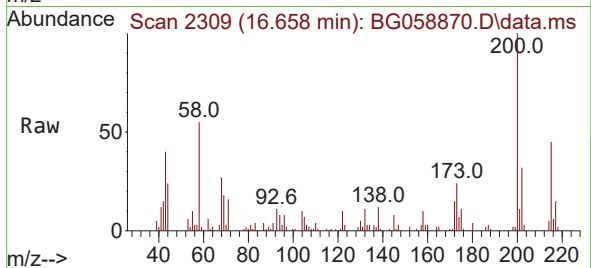
Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.1	5.3	45.3
215	44.9	29.4	69.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#70

Pentachlorophenol

Concen: 105.343 ng

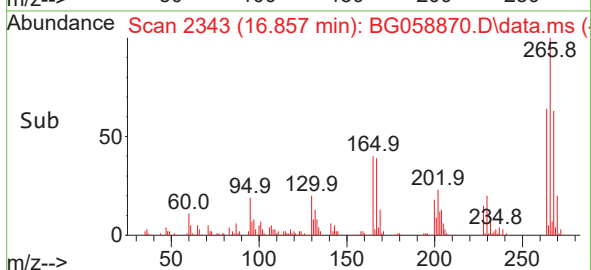
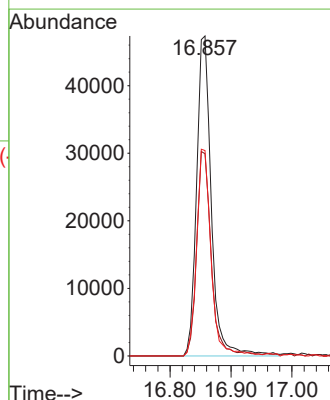
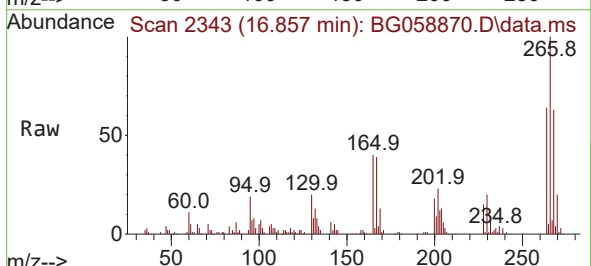
RT: 16.857 min Scan# 2343

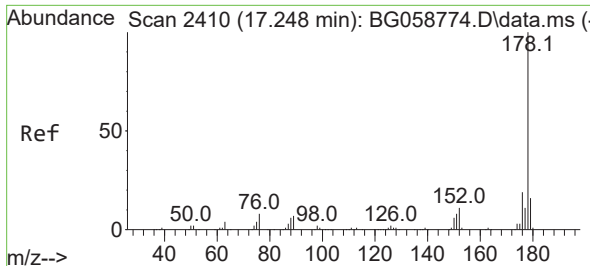
Delta R.T. -0.016 min

Lab File: BG058870.D

Acq: 28 Aug 2023 12:37

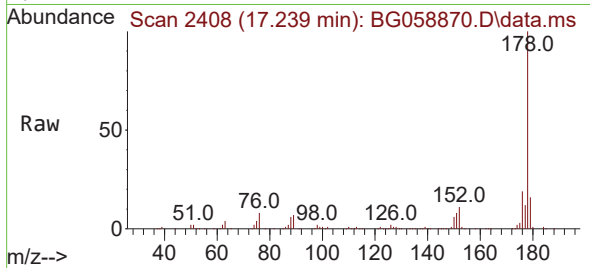
Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	52.7	79.1
264	64.2	49.5	74.3





#71
Phenanthrene
Concen: 53.092 ng
RT: 17.239 min Scan# 2410
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

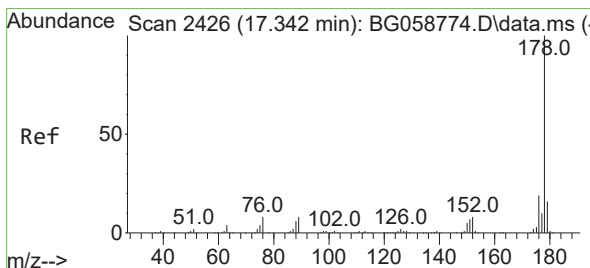
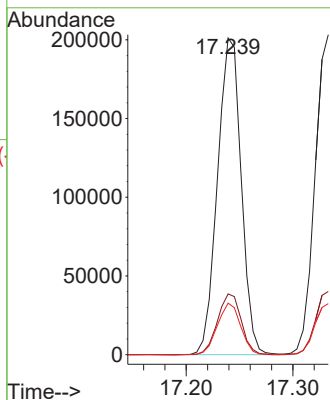
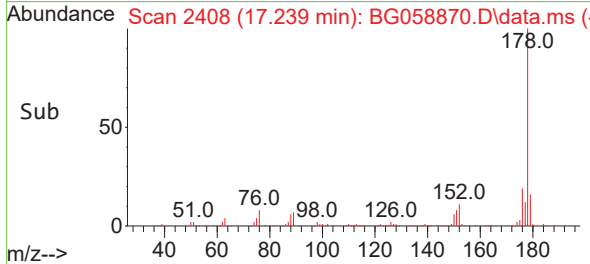
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion:178 Resp: 31064
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 16.3 13.0 19.4

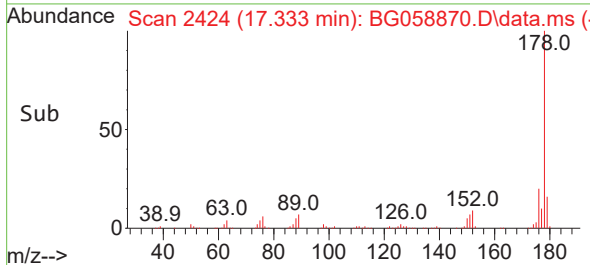
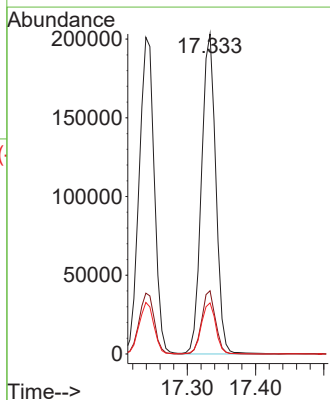
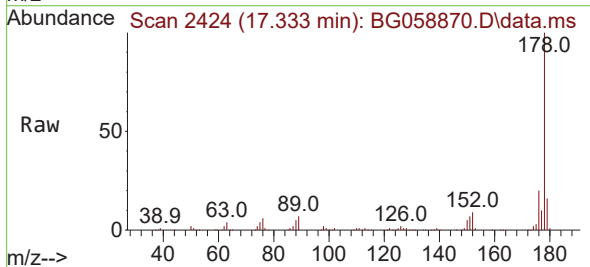
Manual Integrations
APPROVED

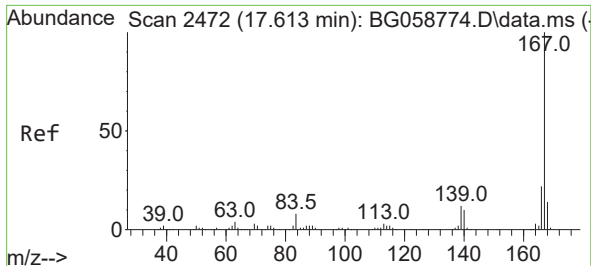
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#72
Anthracene
Concen: 50.672 ng
RT: 17.333 min Scan# 2424
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

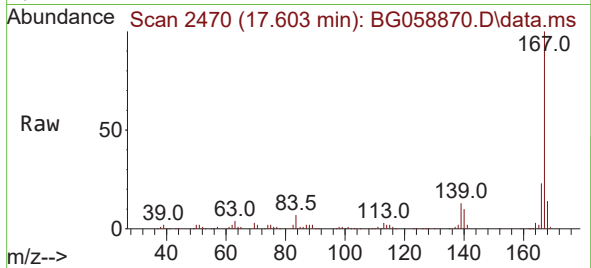
Tgt Ion:178 Resp: 297357
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 16.0 12.9 19.3





#73
Carbazole
Concen: 45.844 ng
RT: 17.603 min Scan# 2470
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

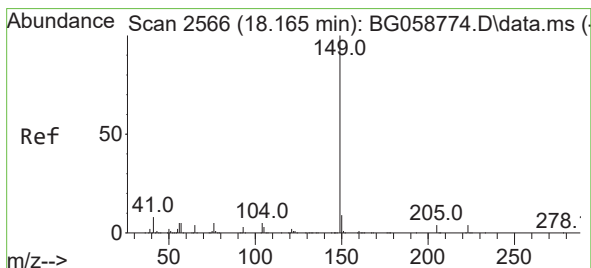
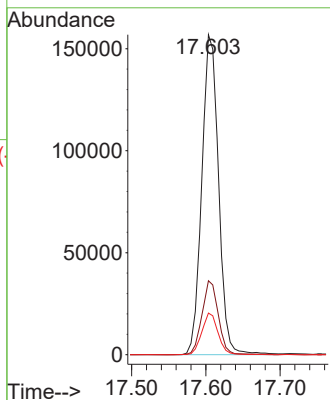
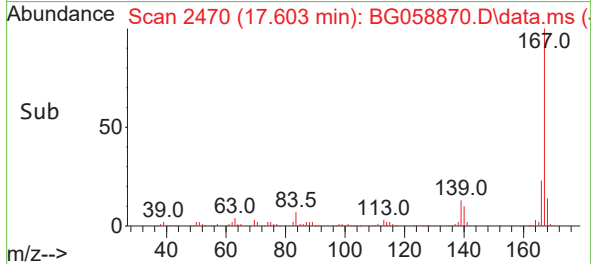
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion:167 Resp: 246350
Ion Ratio Lower Upper
167 100
166 23.1 17.4 26.2
139 13.0 9.7 14.5

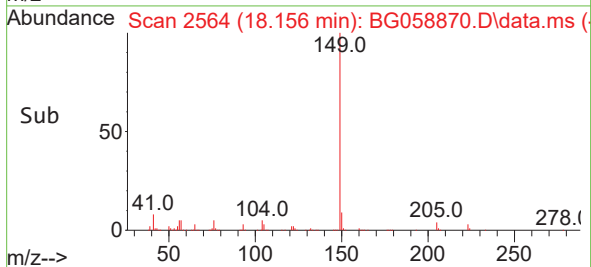
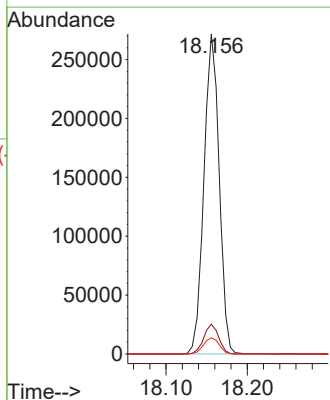
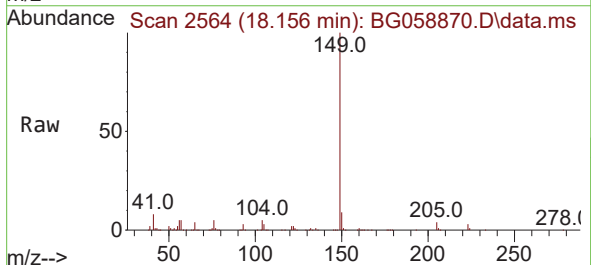
Manual Integrations
APPROVED

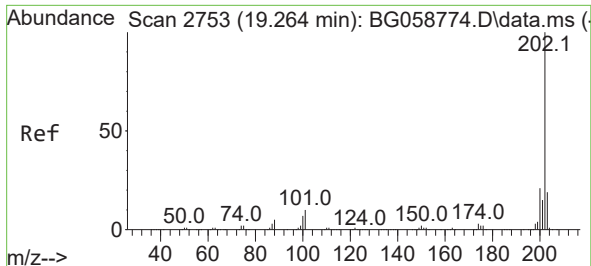
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#74
Di-n-butylphthalate
Concen: 52.014 ng
RT: 18.156 min Scan# 2564
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

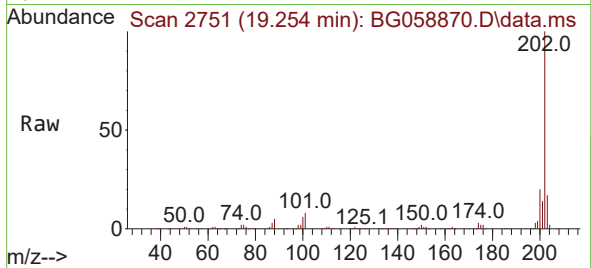
Tgt Ion:149 Resp: 352602
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 5.1 4.3 6.5





#75
Fluoranthene
Concen: 52.543 ng
RT: 19.254 min Scan# 21
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

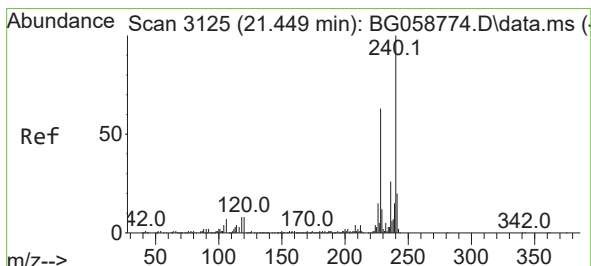
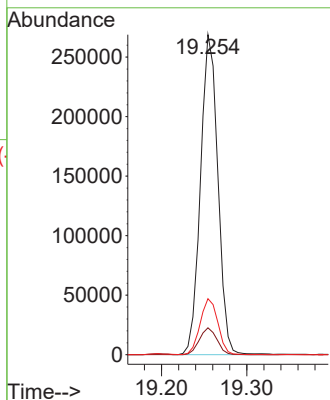
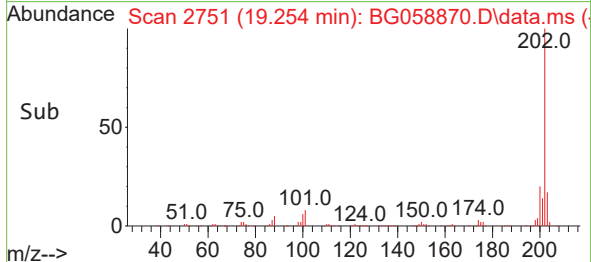
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion:202 Resp: 38124
Ion Ratio Lower Upper
202 100
101 8.4 0.0 29.7
203 17.5 0.0 38.7

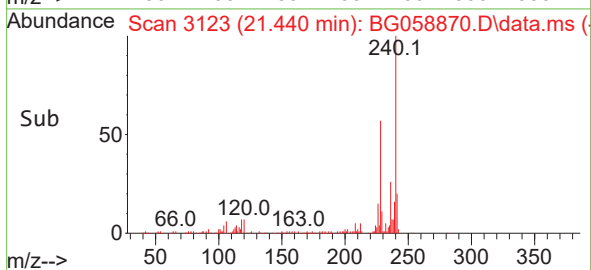
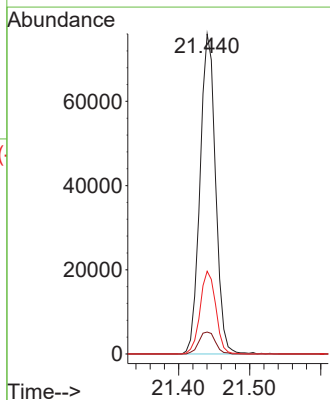
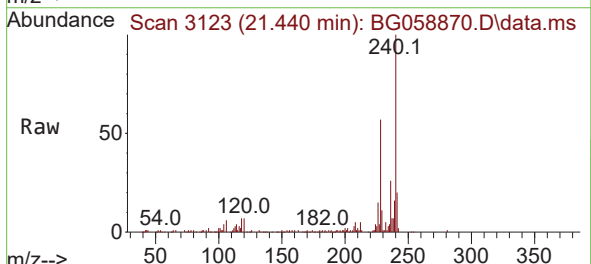
Manual Integrations
APPROVED

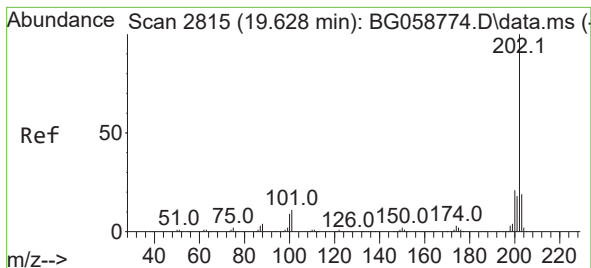
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.440 min Scan# 3123
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

Tgt Ion:240 Resp: 115930
Ion Ratio Lower Upper
240 100
120 6.9 6.2 9.2
236 25.8 20.5 30.7





#78

Pyrene

Concen: 48.501 ng

RT: 19.619 min Scan# 2813

Delta R.T. -0.016 min

Lab File: BG058870.D

Acq: 28 Aug 2023 12:37

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MS

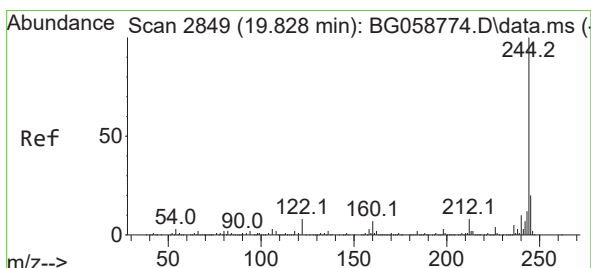
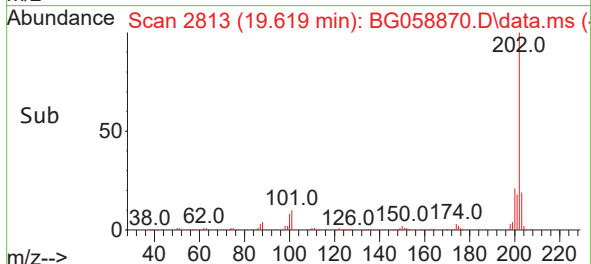
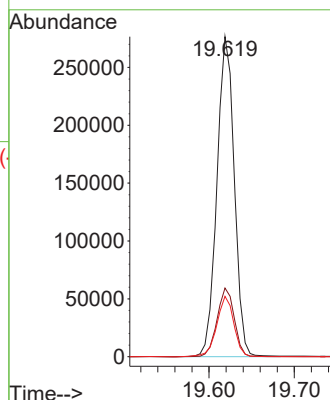
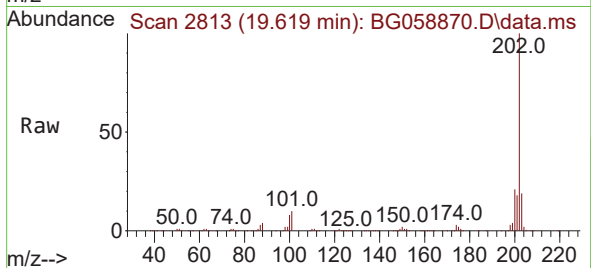
Tgt Ion:202 Resp: 391776

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	18.8	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#79

Terphenyl-d14

Concen: 96.168 ng

RT: 19.819 min Scan# 2847

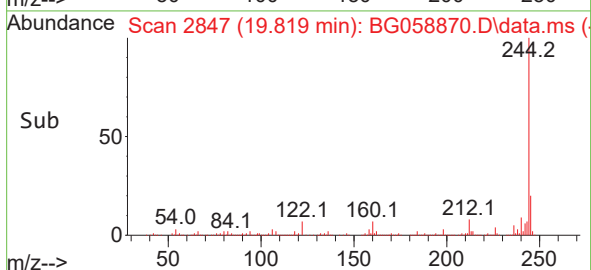
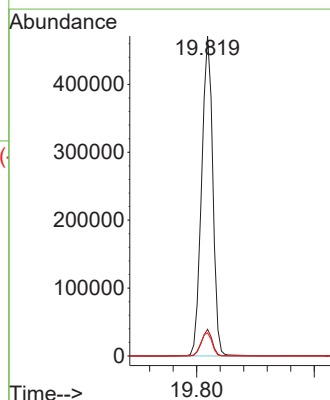
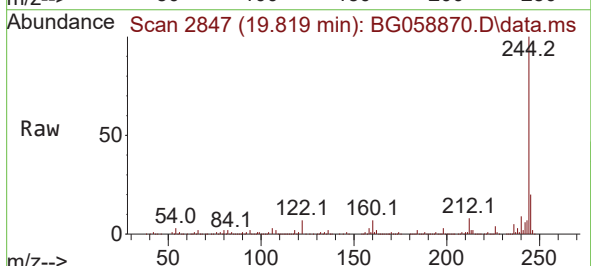
Delta R.T. -0.016 min

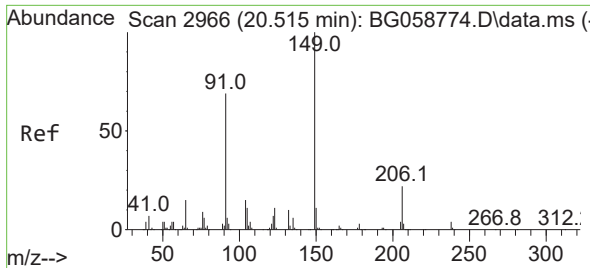
Lab File: BG058870.D

Acq: 28 Aug 2023 12:37

Tgt Ion:244 Resp: 620894

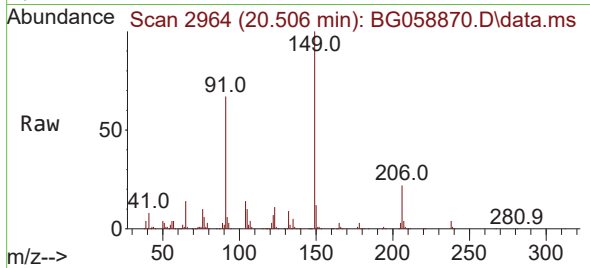
Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	7.2	6.3	9.5





#80
Butylbenzylphthalate
Concen: 49.599 ng
RT: 20.506 min Scan# 2964
Delta R.T. -0.011 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

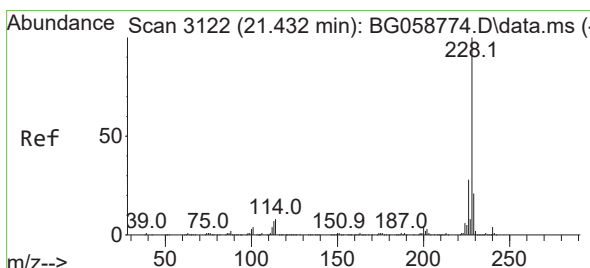
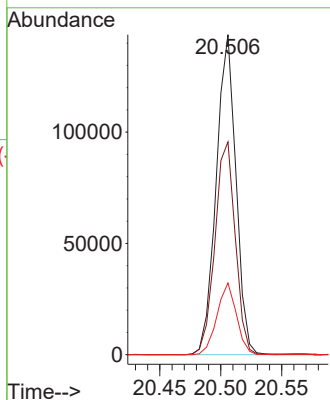
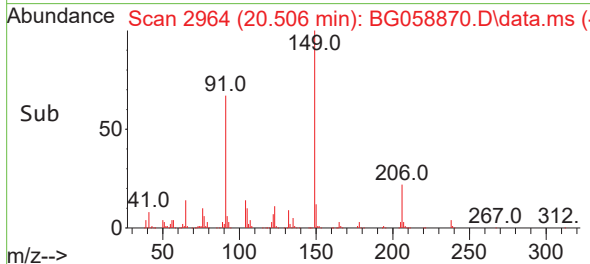
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion:149 Resp: 162488
Ion Ratio Lower Upper
149 100
91 66.5 55.0 82.4
206 22.4 17.6 26.4

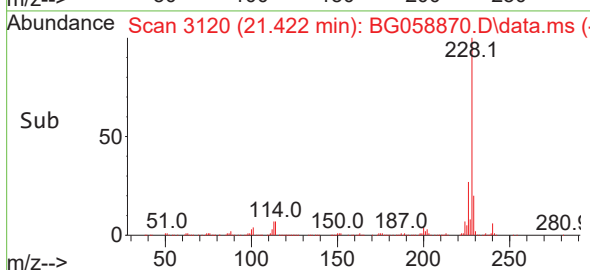
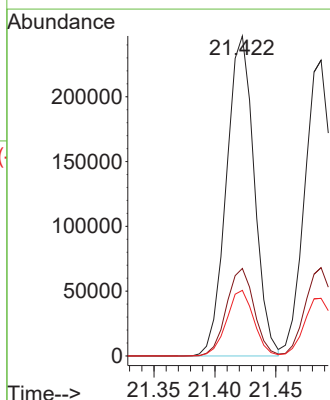
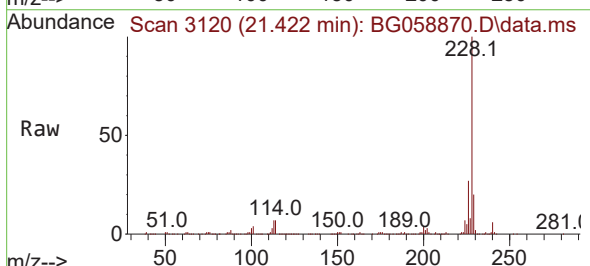
Manual Integrations
APPROVED

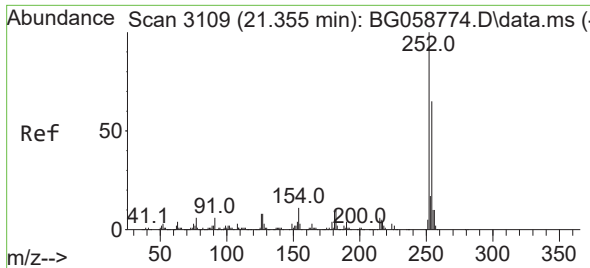
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#81
Benzo(a)anthracene
Concen: 48.512 ng
RT: 21.422 min Scan# 3120
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

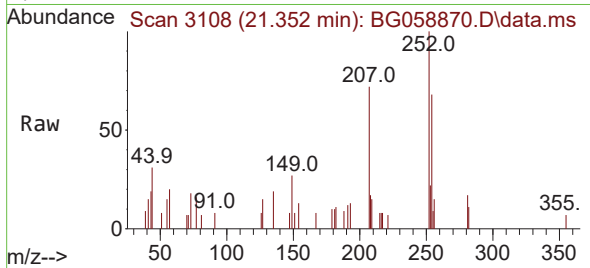
Tgt Ion:228 Resp: 391487
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 20.5 16.8 25.2





#82
 3,3'-Dichlorobenzidine
 Concen: 1.743 ng
 RT: 21.352 min Scan# 3109
 Delta R.T. -0.011 min
 Lab File: BG058870.D
 Acq: 28 Aug 2023 12:37

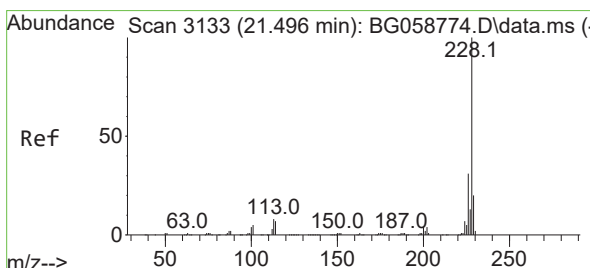
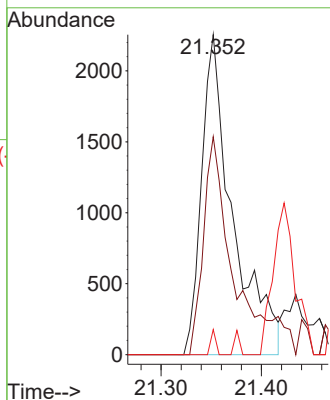
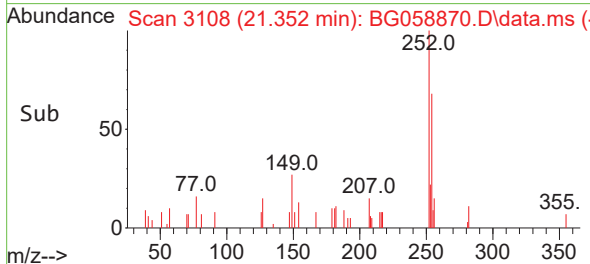
Instrument :
 BNA_G
 ClientSampleId :
 IDW-W-20230822MS



Tgt Ion:252 Resp: 485
 Ion Ratio Lower Upper
 252 100
 254 68.1 51.8 77.6
 126 7.8 6.6 9.8

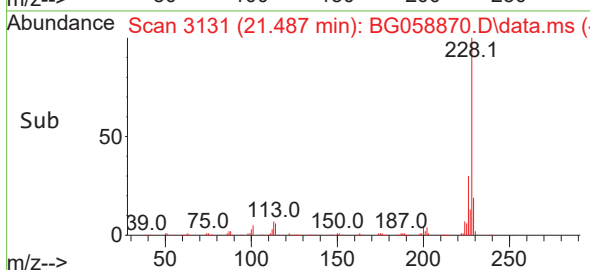
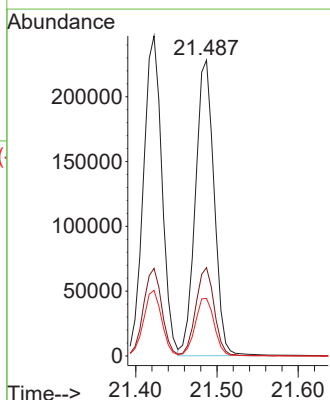
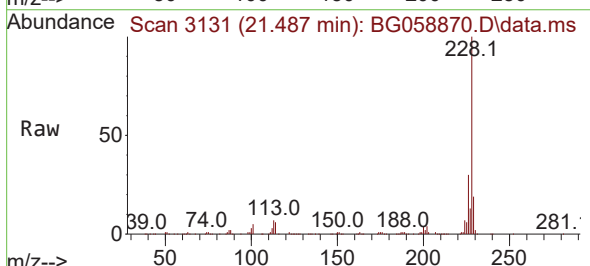
Manual Integrations
 APPROVED

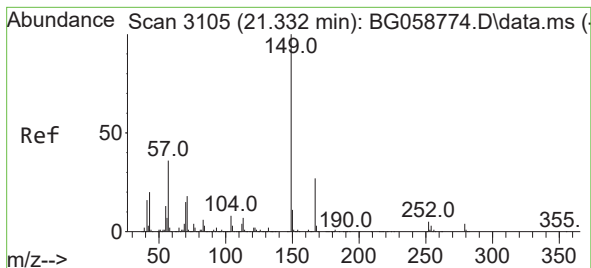
Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023



#83
 Chrysene
 Concen: 46.824 ng
 RT: 21.487 min Scan# 3131
 Delta R.T. -0.016 min
 Lab File: BG058870.D
 Acq: 28 Aug 2023 12:37

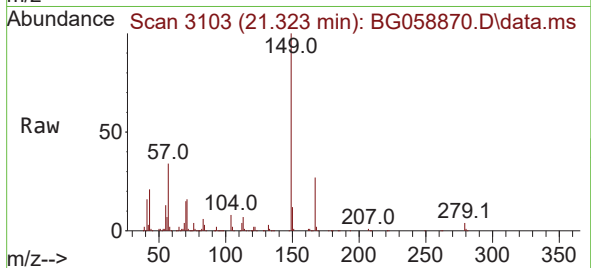
Tgt Ion:228 Resp: 364214
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.4 36.6
 229 19.5 16.3 24.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 48.210 ng
RT: 21.323 min Scan# 3105
Delta R.T. -0.016 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

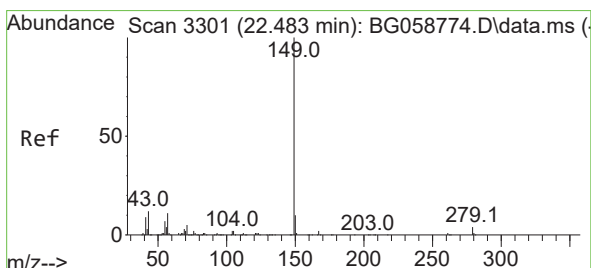
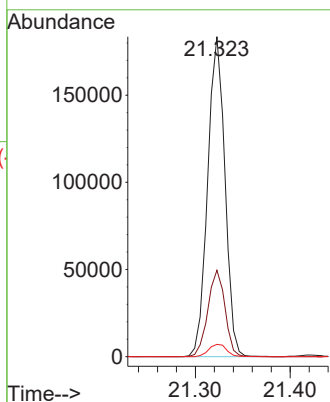
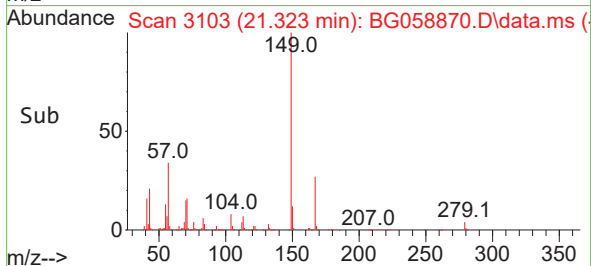
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion:149 Resp: 23164
Ion Ratio Lower Upper
149 100
167 27.0 21.7 32.5
279 3.9 3.2 4.8

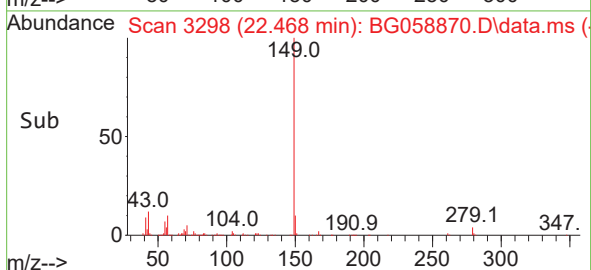
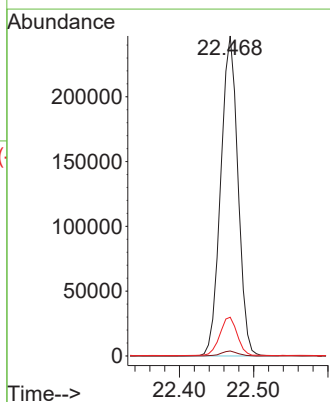
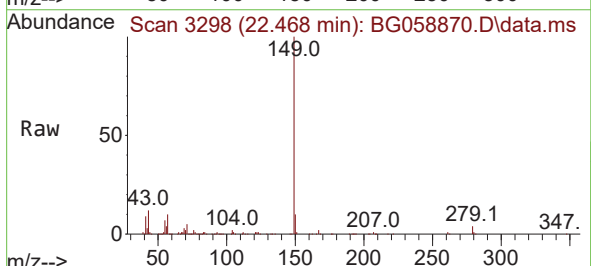
Manual Integrations
APPROVED

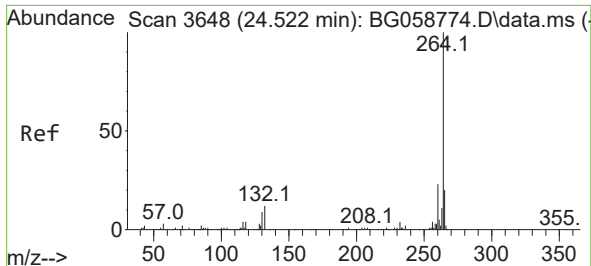
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#85
Di-n-octyl phthalate
Concen: 48.250 ng
RT: 22.468 min Scan# 3298
Delta R.T. -0.022 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

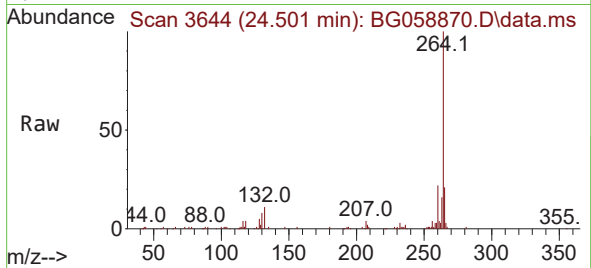
Tgt Ion:149 Resp: 398755
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.2 9.7 14.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.501 min Scan# 30
Delta R.T. -0.034 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

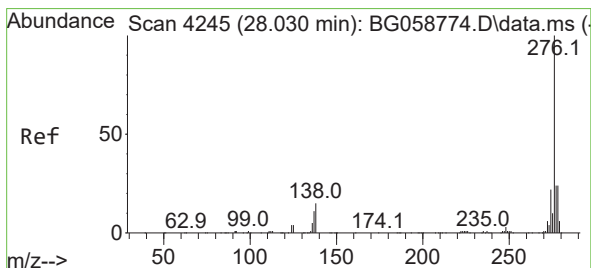
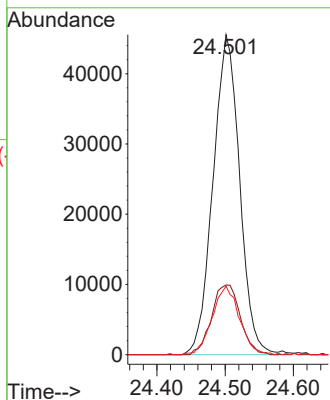
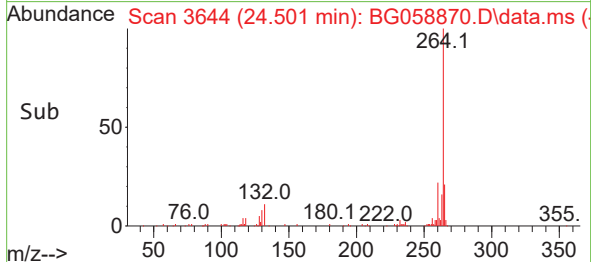
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion:264 Resp: 12319
Ion Ratio Lower Upper
264 100
260 21.8 18.2 27.2
265 21.4 16.4 24.6

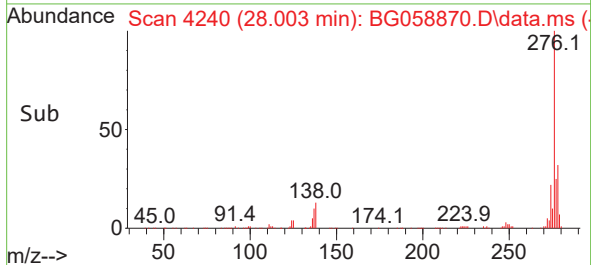
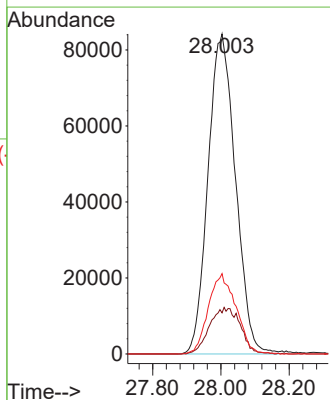
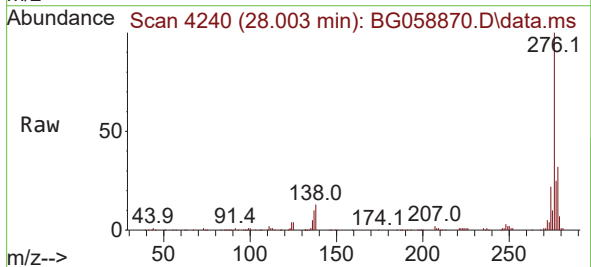
Manual Integrations
APPROVED

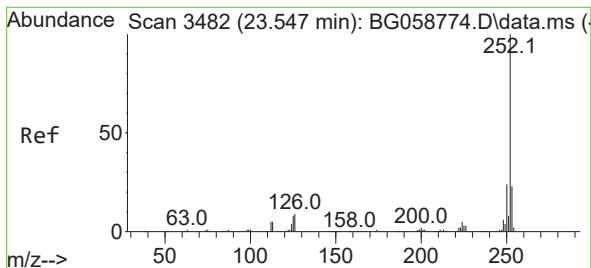
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 56.341 ng
RT: 28.003 min Scan# 4240
Delta R.T. -0.046 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

Tgt Ion:276 Resp: 469603
Ion Ratio Lower Upper
276 100
138 16.3 6.2 9.2#
277 25.4 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 58.850 ng

RT: 23.532 min Scan# 34

Delta R.T. -0.028 min

Lab File: BG058870.D

Acq: 28 Aug 2023 12:37

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MS

Tgt Ion:252 Resp: 402260

Ion Ratio Lower Upper

252 100

253 21.2 18.4 27.6

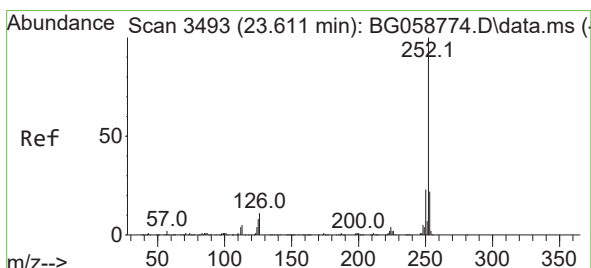
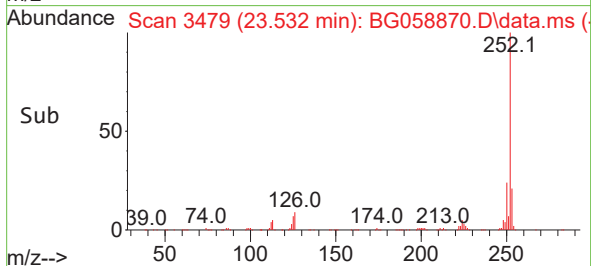
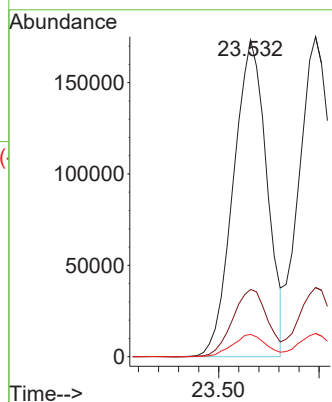
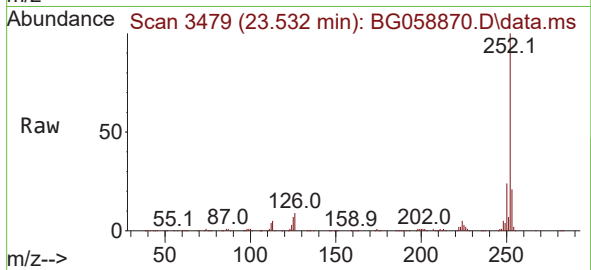
125 7.0 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#89

Benzo(k)fluoranthene

Concen: 55.888 ng

RT: 23.596 min Scan# 3490

Delta R.T. -0.028 min

Lab File: BG058870.D

Acq: 28 Aug 2023 12:37

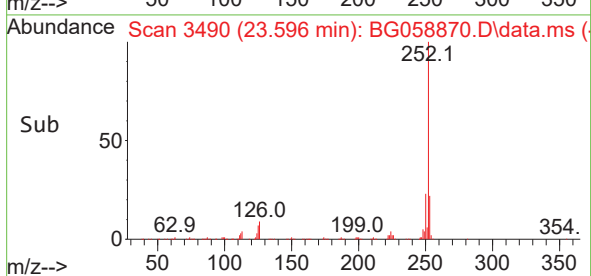
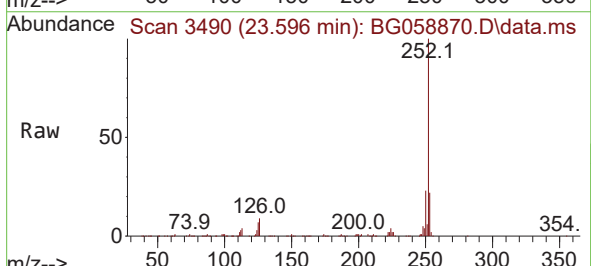
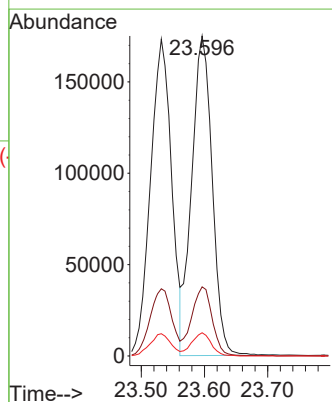
Tgt Ion:252 Resp: 393977

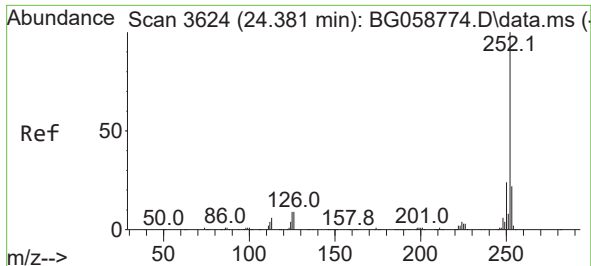
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

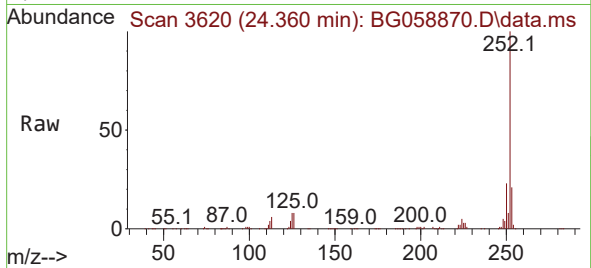
125 7.3 6.3 9.5





#90
Benzo(a)pyrene
Concen: 51.550 ng
RT: 24.360 min Scan# 3
Delta R.T. -0.034 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

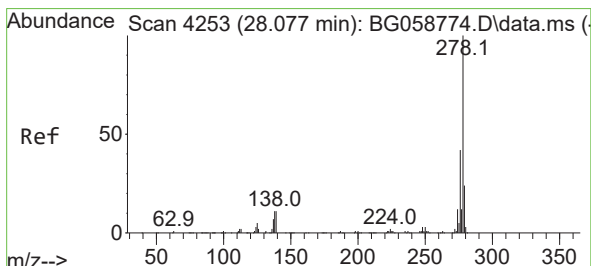
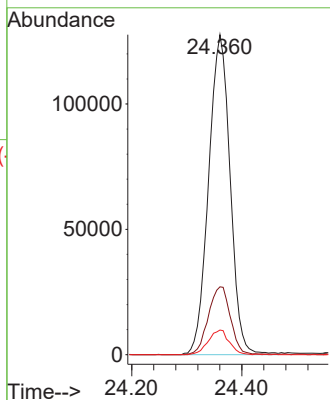
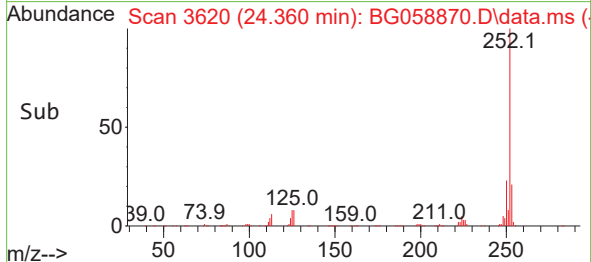
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion:252 Resp: 346962
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 7.7 6.8 10.2

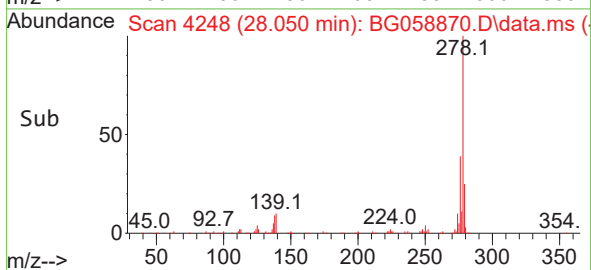
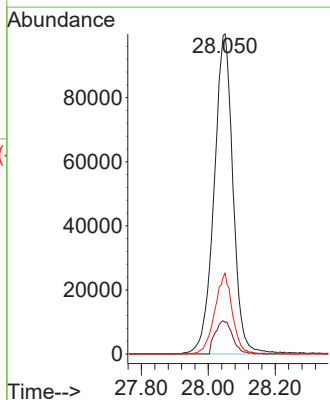
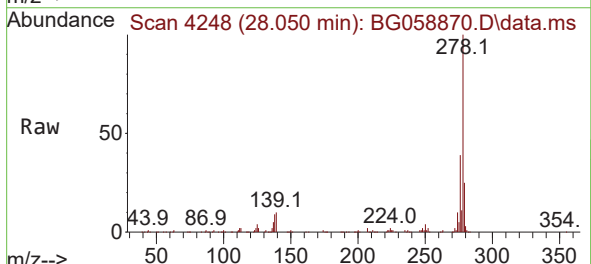
Manual Integrations
APPROVED

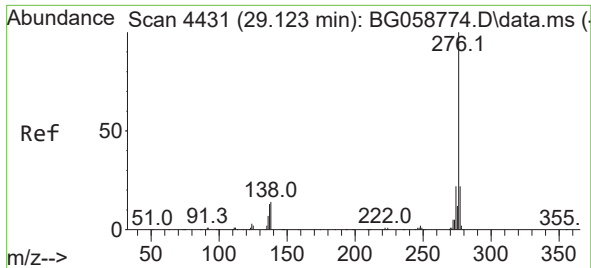
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#91
Dibenzo(a,h)anthracene
Concen: 57.208 ng
RT: 28.050 min Scan# 4248
Delta R.T. -0.058 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

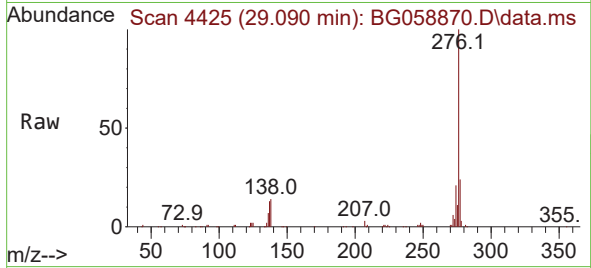
Tgt Ion:278 Resp: 391817
Ion Ratio Lower Upper
278 100
139 9.9 8.9 13.3
279 25.3 19.0 28.6





#92
Benzo(g,h,i)perylene
Concen: 55.072 ng
RT: 29.090 min Scan# 44
Delta R.T. -0.063 min
Lab File: BG058870.D
Acq: 28 Aug 2023 12:37

Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MS



Tgt Ion:276 Resp: 37711
Ion Ratio Lower Upper
276 100
277 23.6 17.8 26.6
138 14.2 11.1 16.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

