

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058664.D
 Acq On : 9 Aug 2023 18:40
 Operator : MA/JU
 Sample : 03939-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ORA-1745-1746-1747MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2023
 Supervised By :mohammad ahmed 08/10/2023

Quant Time: Aug 10 02:54:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	43778	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	189945	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	139885	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	338640	20.000	ng	0.00
76) Chrysene-d12	21.448	240	295702	20.000	ng	0.00
86) Perylene-d12	24.521	264	373524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	299741	104.651	ng	0.00
7) Phenol-d6	6.988	99	427292	107.212	ng	0.00
23) Nitrobenzene-d5	8.980	82	249629	64.561	ng	0.00
42) 2,4,6-Tribromophenol	15.954	330	216895	94.598	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	543196	58.193	ng	0.00
79) Terphenyl-d14	19.826	244	973064	61.882	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	52936	38.141	ng	100
3) Pyridine	3.663	79	132085	34.907	ng	95
4) n-Nitrosodimethylamine	3.581	42	71548	44.627	ng	91
6) Aniline	7.135	93	108174	22.045	ng	99
8) 2-Chlorophenol	7.376	128	145919	51.931	ng	98
9) Benzaldehyde	6.953	77	73377	33.887	ng	100
10) Phenol	7.012	94	204194	52.449	ng	98
11) bis(2-Chloroethyl)ether	7.235	93	134948	43.968	ng	95
12) 1,3-Dichlorobenzene	7.699	146	138479	46.153	ng	99
13) 1,4-Dichlorobenzene	7.846	146	140097	46.503	ng	95
14) 1,2-Dichlorobenzene	8.163	146	135254	46.958	ng	97
15) Benzyl Alcohol	8.052	79	140894	55.745	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.346	45	238814	47.900	ng	98
17) 2-Methylphenol	8.263	107	139501	49.006	ng	99
18) Hexachloroethane	8.886	117	50222	45.864	ng	93
19) n-Nitroso-di-n-propyla...	8.616	70	116934	45.423	ng	98
20) 3+4-Methylphenols	8.592	107	192946	50.110	ng	97
22) Acetophenone	8.633	105	228904	45.007	ng	# 98
24) Nitrobenzene	9.021	77	172990	44.008	ng	96
25) Isophorone	9.538	82	344266	43.093	ng	99
26) 2-Nitrophenol	9.732	139	77651	45.381	ng	97
27) 2,4-Dimethylphenol	9.791	122	133565	47.059	ng	98
28) bis(2-Chloroethoxy)met...	10.026	93	197256	45.371	ng	98
29) 2,4-Dichlorophenol	10.267	162	148323	50.331	ng	99
30) 1,2,4-Trichlorobenzene	10.478	180	152815	44.965	ng	98
31) Naphthalene	10.666	128	435798	43.531	ng	100
32) Benzoic acid	9.955	122	86590	40.727	ng	98
33) 4-Chloroaniline	10.784	127	67739	16.015	ng	99
34) Hexachlorobutadiene	10.943	225	93221	42.593	ng	97
35) Caprolactam	11.565	113	50842m	46.720	ng	
36) 4-Chloro-3-methylphenol	11.912	107	180121	49.410	ng	95
37) 2-Methylnaphthalene	12.276	142	308220	43.040	ng	99
38) 1-Methylnaphthalene	12.500	142	297731	43.737	ng	98
40) 1,2,4,5-Tetrachloroben...	12.646	216	181145	42.180	ng	99
41) Hexachlorocyclopentadiene	12.623	237	146389	73.951	ng	99
43) 2,4,6-Trichlorophenol	12.893	196	133709	45.265	ng	96

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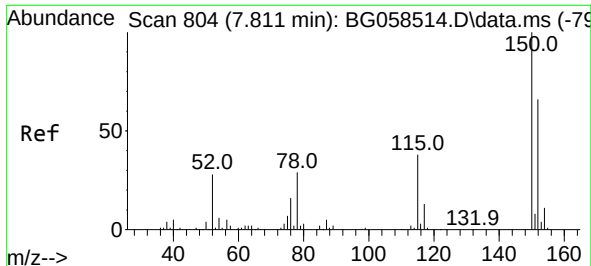
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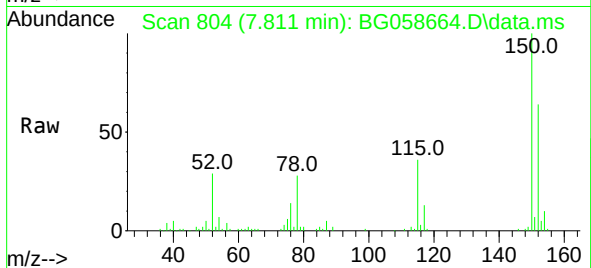
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	145150	41.719	ng	98
46) 1,1'-Biphenyl	13.293	154	412454	42.934	ng	99
47) 2-Chloronaphthalene	13.334	162	332249	44.357	ng	99
48) 2-Nitroaniline	13.545	65	129512	45.300	ng	99
49) Acenaphthylene	14.180	152	555910	44.329	ng	100
50) Dimethylphthalate	13.921	163	448808	42.720	ng	99
51) 2,6-Dinitrotoluene	14.045	165	99356	43.102	ng	96
52) Acenaphthene	14.527	154	312220	43.088	ng	98
53) 3-Nitroaniline	14.374	138	51831	22.474	ng	93
54) 2,4-Dinitrophenol	14.585	184	81112	64.065	ng	98
55) Dibenzofuran	14.861	168	534658	42.940	ng	99
56) 4-Nitrophenol	14.697	139	151543	88.316	ng	98
57) 2,4-Dinitrotoluene	14.832	165	142589	44.618	ng	94
58) Fluorene	15.508	166	432209	43.696	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.091	232	133465	44.955	ng	99
60) Diethylphthalate	15.279	149	459897	42.970	ng	99
61) 4-Chlorophenyl-phenyle...	15.502	204	237337	43.038	ng	97
62) 4-Nitroaniline	15.543	138	99767	45.665	ng	96
63) Azobenzene	15.796	77	456161	43.272	ng	99
65) 4,6-Dinitro-2-methylph...	15.602	198	79922	42.803	ng	96
66) n-Nitrosodiphenylamine	15.719	169	382509	43.399	ng	99
67) 4-Bromophenyl-phenylether	16.395	248	164108	42.726	ng	97
68) Hexachlorobenzene	16.512	284	185096	45.478	ng	100
69) Atrazine	16.665	200	157253	52.852	ng	99
70) Pentachlorophenol	16.859	266	173356	70.370	ng	98
71) Phenanthrene	17.247	178	698817	43.513	ng	99
72) Anthracene	17.341	178	708062	42.968	ng	100
73) Carbazole	17.611	167	659888	45.411	ng	100
74) Di-n-butylphthalate	18.163	149	813749	44.709	ng	100
75) Fluoranthene	19.262	202	838164	43.448	ng	100
77) Benzidine	19.450	184	214874	47.920	ng	98
78) Pyrene	19.626	202	870510	43.257	ng	99
80) Butylbenzylphthalate	20.514	149	357651	43.267	ng	99
81) Benzo(a)anthracene	21.430	228	889004	43.686	ng	100
82) 3,3'-Dichlorobenzidine	21.354	252	178957	26.009	ng	99
83) Chrysene	21.495	228	816108	41.827	ng	100
84) Bis(2-ethylhexyl)phtha...	21.330	149	529930	43.870	ng	99
85) Di-n-octyl phthalate	22.482	149	935895	44.068	ng	99
87) Indeno(1,2,3-cd)pyrene	28.017	276	1097047	44.148	ng	98
88) Benzo(b)fluoranthene	23.545	252	939436	46.371	ng	100
89) Benzo(k)fluoranthene	23.610	252	887026	43.584	ng	99
90) Benzo(a)pyrene	24.380	252	835575	41.998	ng	100
91) Dibenzo(a,h)anthracene	28.075	278	903992	43.996	ng	99
92) Benzo(g,h,i)perylene	29.109	276	865199	41.993	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

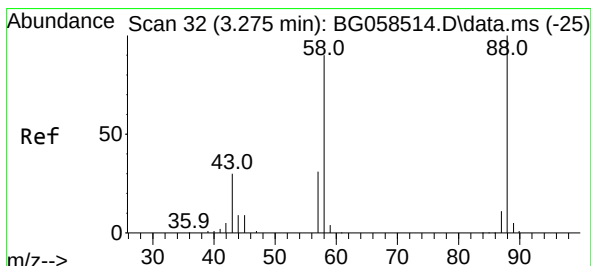
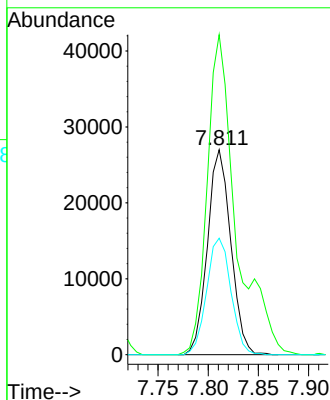
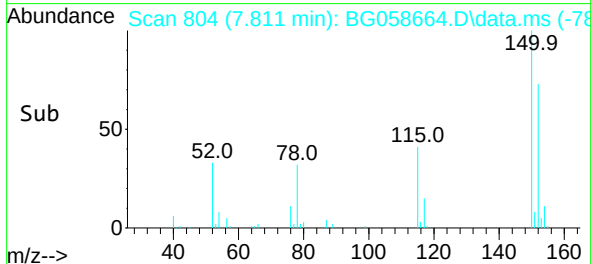
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



Tgt Ion:152 Resp: 43778
Ion Ratio Lower Upper
152 100
150 156.1 120.5 180.7
115 56.8 45.9 68.9

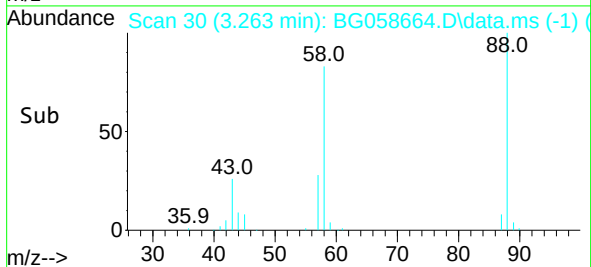
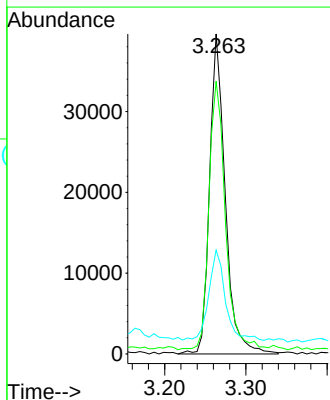
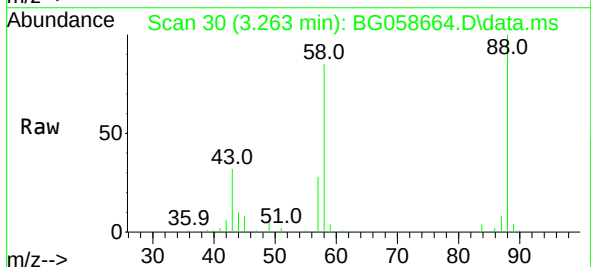
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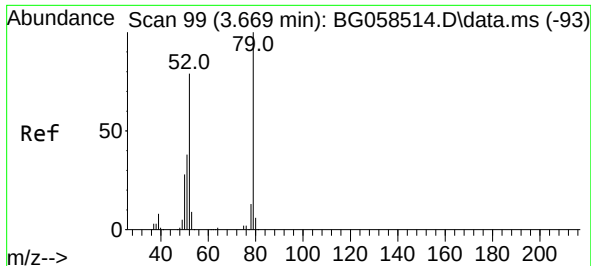
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#2
1,4-Dioxane
Concen: 38.141 ng
RT: 3.263 min Scan# 30
Delta R.T. -0.012 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

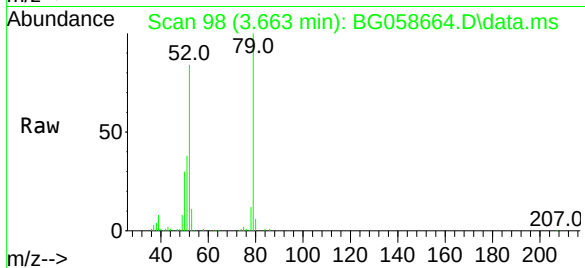
Tgt Ion: 88 Resp: 52936
Ion Ratio Lower Upper
88 100
58 86.2 68.9 103.3
43 29.4 22.9 34.3





#3
Pyridine
Concen: 34.907 ng
RT: 3.663 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

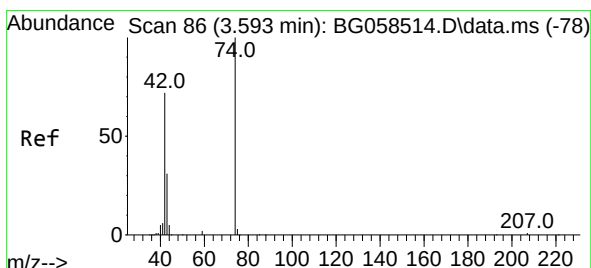
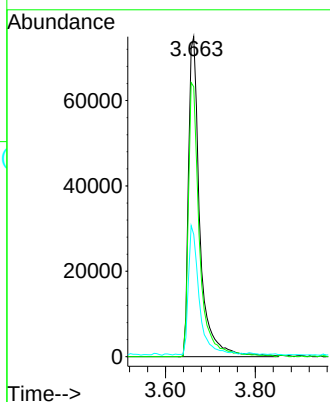
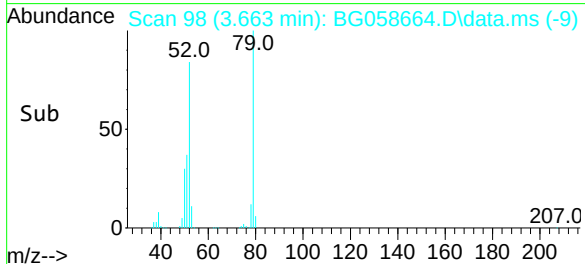
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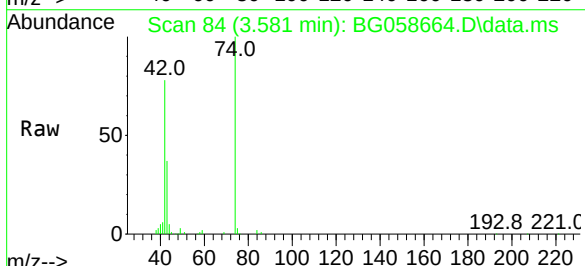
Tgt Ion: 79 Resp: 132085
Ion Ratio Lower Upper
79 100
52 84.3 63.2 94.8
51 38.2 31.9 47.9

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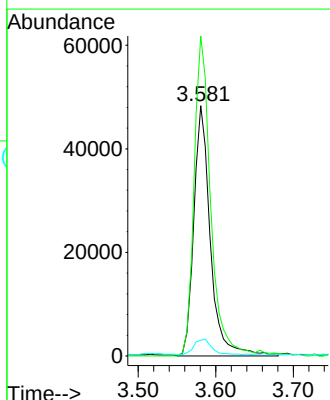
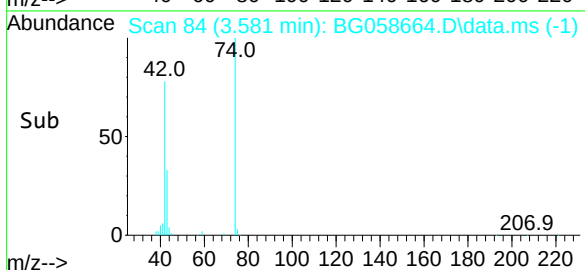
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

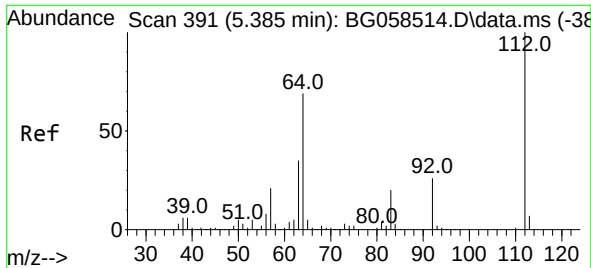


#4
n-Nitrosodimethylamine
Concen: 44.627 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40



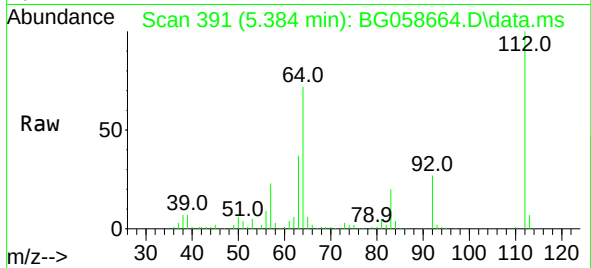
Tgt Ion: 42 Resp: 71548
Ion Ratio Lower Upper
42 100
74 127.9 111.5 167.3
44 6.3 5.4 8.2





#5
2-Fluorophenol
Concen: 104.651 ng
RT: 5.384 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

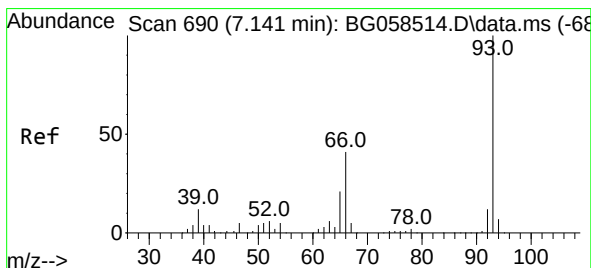
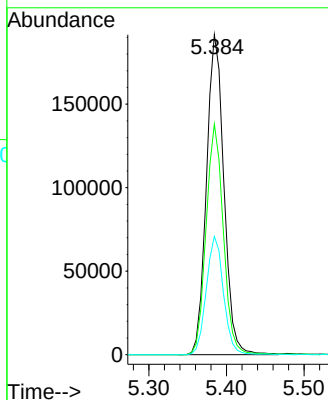
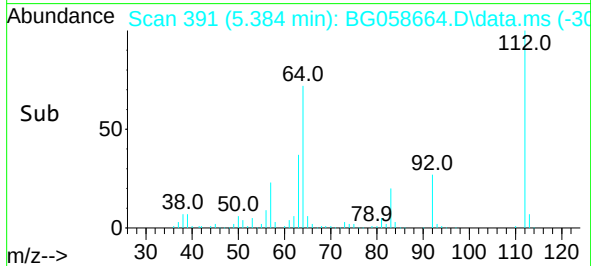
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Tgt Ion:112 Resp: 29974
Ion Ratio Lower Upper
112 100
64 72.1 55.3 82.9
63 37.0 28.3 42.5

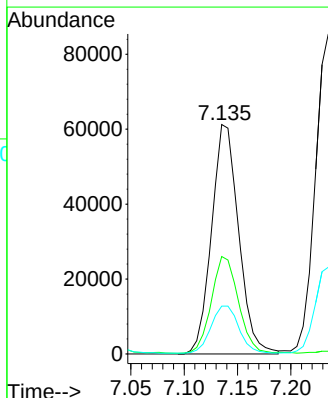
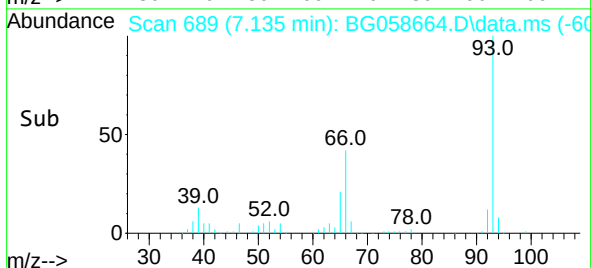
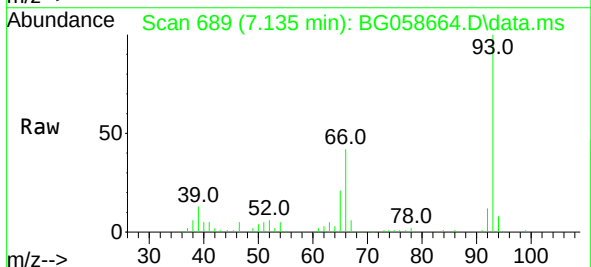
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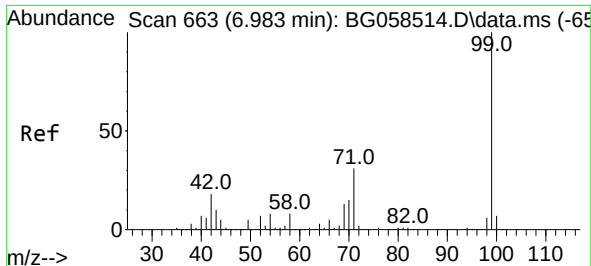
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#6
Aniline
Concen: 22.045 ng
RT: 7.135 min Scan# 689
Delta R.T. -0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

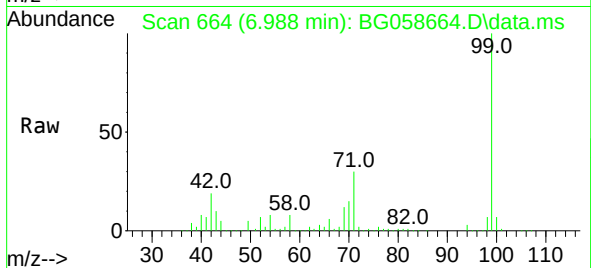
Tgt Ion: 93 Resp: 108174
Ion Ratio Lower Upper
93 100
66 42.5 33.1 49.7
65 20.9 17.0 25.4





#7
Phenol-d6
Concen: 107.212 ng
RT: 6.988 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

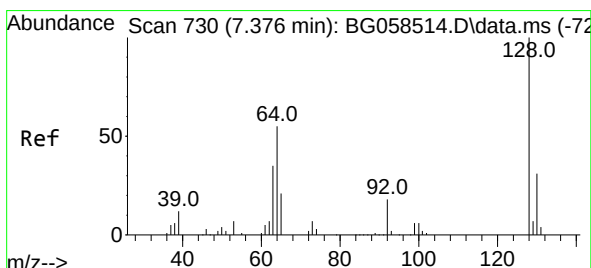
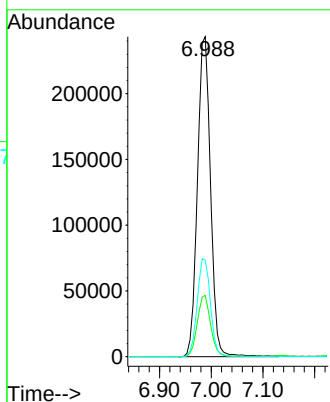
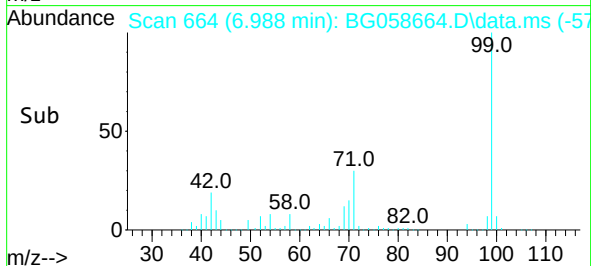
Instrument :
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Tgt Ion: 99 Resp: 427292
Ion Ratio Lower Upper
99 100
42 19.2 14.6 21.8
71 30.2 25.0 37.4

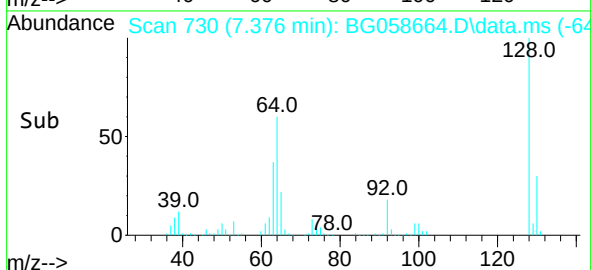
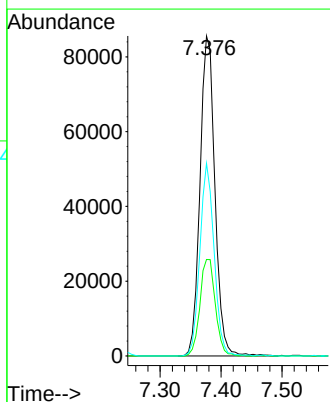
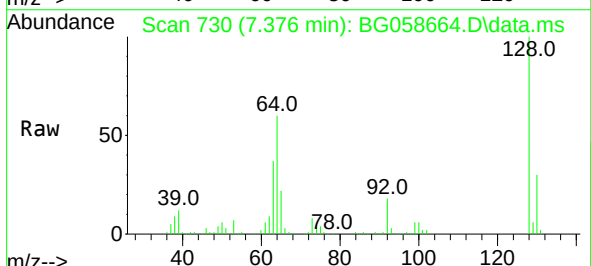
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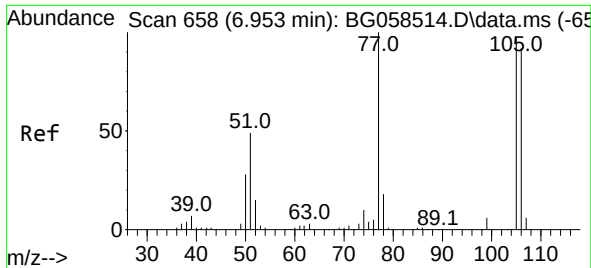
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#8
2-Chlorophenol
Concen: 51.931 ng
RT: 7.376 min Scan# 730
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

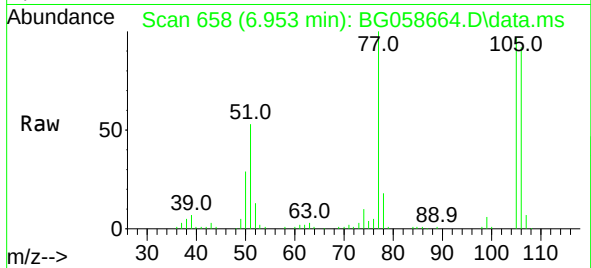
Tgt Ion:128 Resp: 145919
Ion Ratio Lower Upper
128 100
130 30.1 10.9 50.9
64 60.2 39.0 79.0





#9
Benzaldehyde
Concen: 33.887 ng
RT: 6.953 min Scan# 658
Delta R.T. 0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

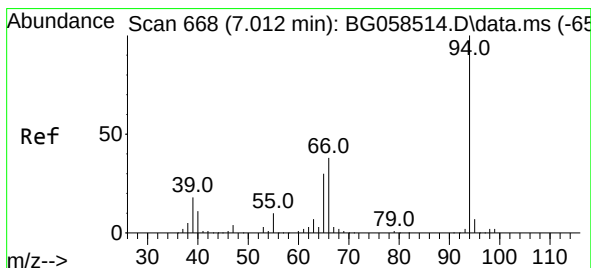
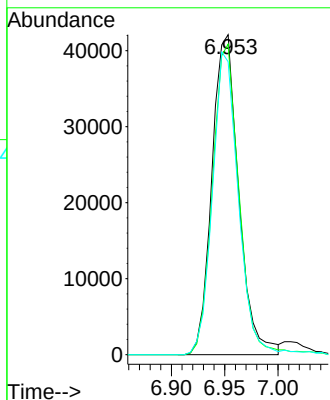
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



Tgt Ion: 77 Resp: 7337
Ion Ratio Lower Upper
77 100
105 97.1 77.1 117.1
106 91.5 71.6 111.6

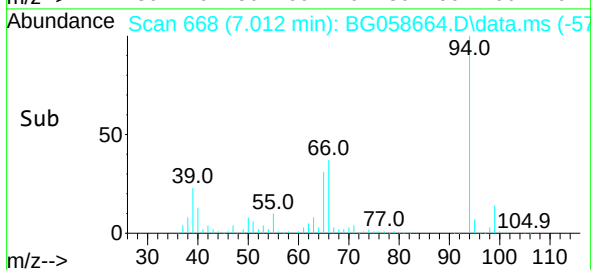
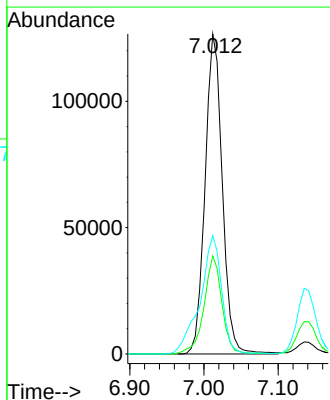
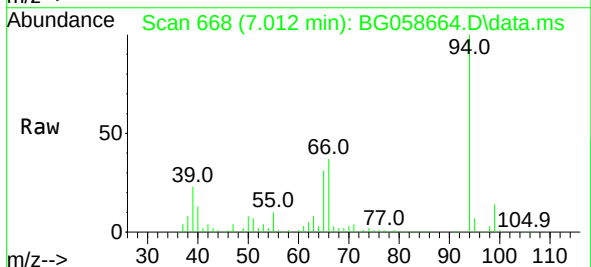
Manual Integrations
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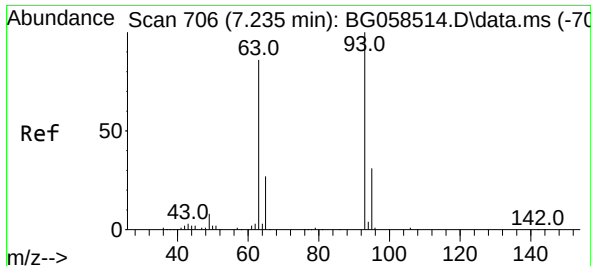
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#10
Phenol
Concen: 52.449 ng
RT: 7.012 min Scan# 668
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

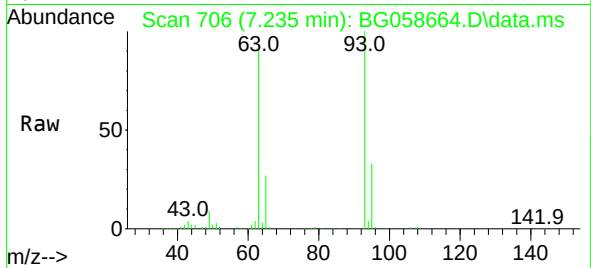
Tgt Ion: 94 Resp: 204194
Ion Ratio Lower Upper
94 100
65 30.7 10.4 50.4
66 36.9 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 43.968 ng
RT: 7.235 min Scan# 706
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

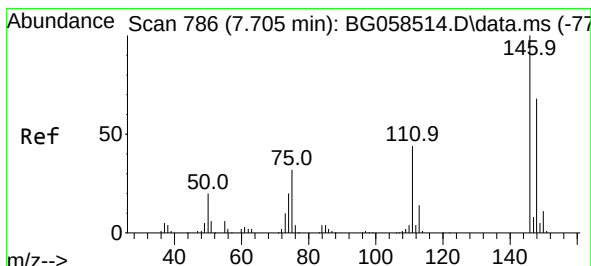
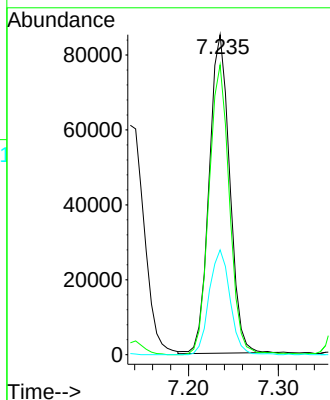
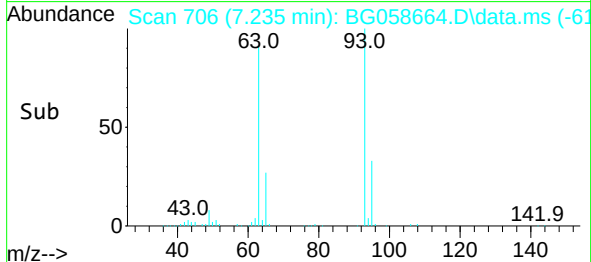
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



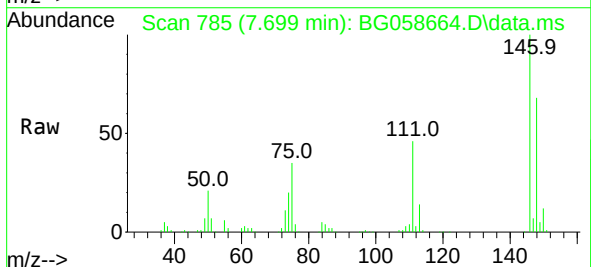
Tgt Ion: 93 Resp: 134948
Ion Ratio Lower Upper
93 100
63 90.6 65.5 105.5
95 32.8 11.2 51.2

Manual Integrations
APPROVED

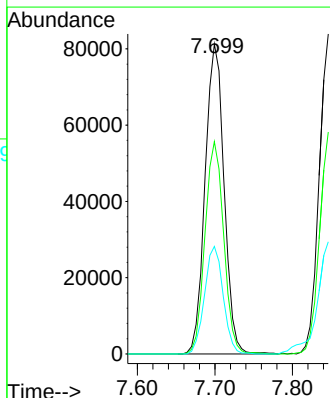
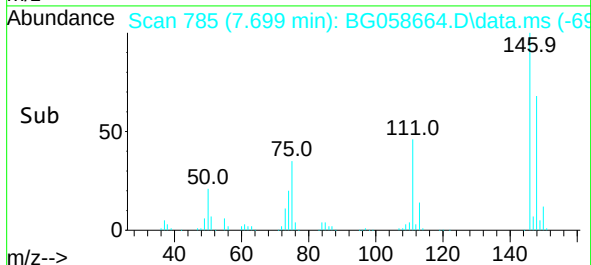
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

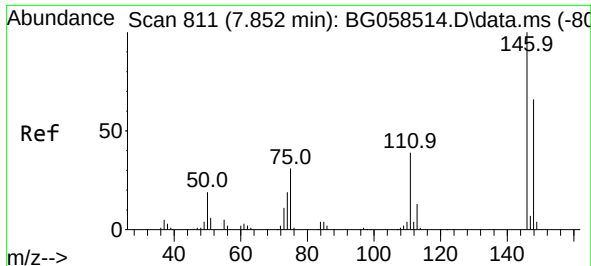


#12
1,3-Dichlorobenzene
Concen: 46.153 ng
RT: 7.699 min Scan# 785
Delta R.T. -0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40



Tgt Ion:146 Resp: 138479
Ion Ratio Lower Upper
146 100
148 68.5 54.7 82.1
75 34.7 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 46.503 ng

RT: 7.846 min Scan# 811

Delta R.T. -0.006 min

Lab File: BG058664.D

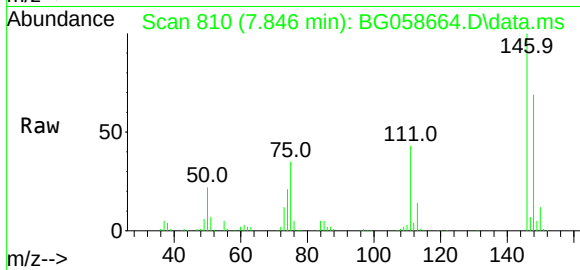
Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS



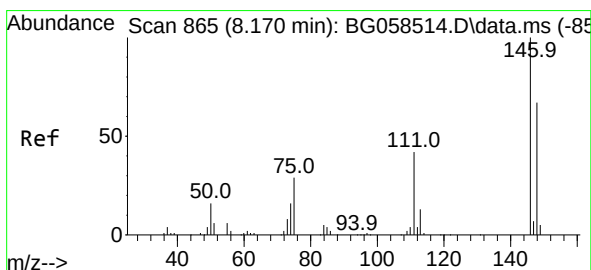
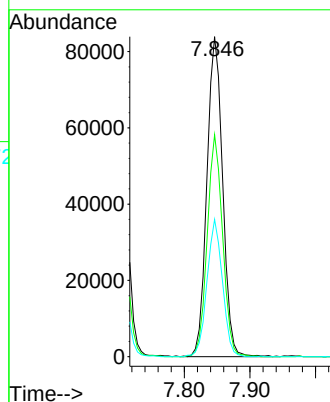
Tgt Ion:146	Resp: 14009
Ion Ratio	Lower Upper
146	100
148	69.4 52.8 79.2
111	42.9 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#14

1,2-Dichlorobenzene

Concen: 46.958 ng

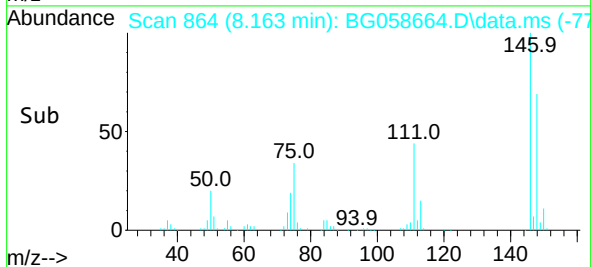
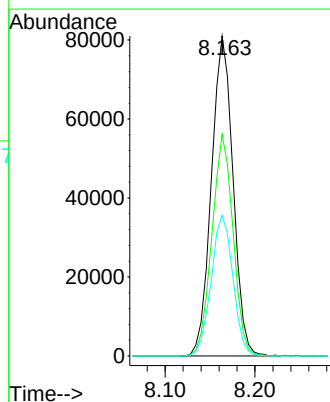
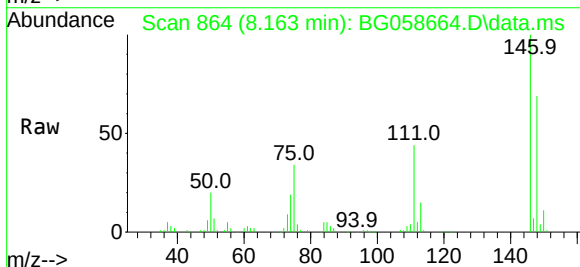
RT: 8.163 min Scan# 864

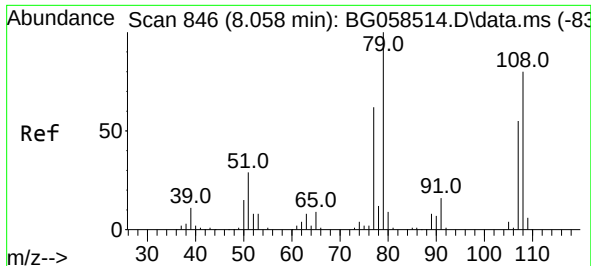
Delta R.T. -0.006 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

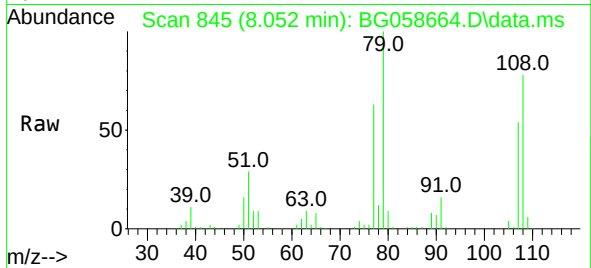
Tgt Ion:146	Resp: 135254
Ion Ratio	Lower Upper
146	100
148	69.3 53.4 80.2
111	43.9 34.2 51.2





#15
Benzyl Alcohol
Concen: 55.745 ng
RT: 8.052 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

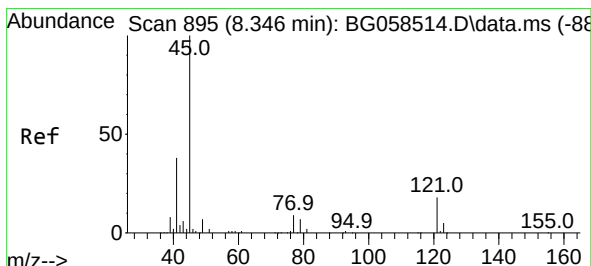
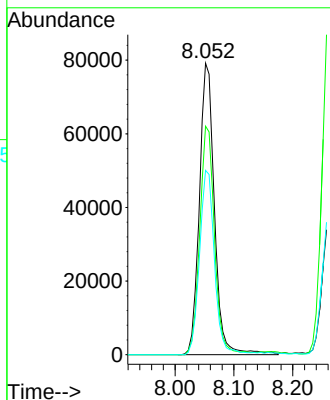
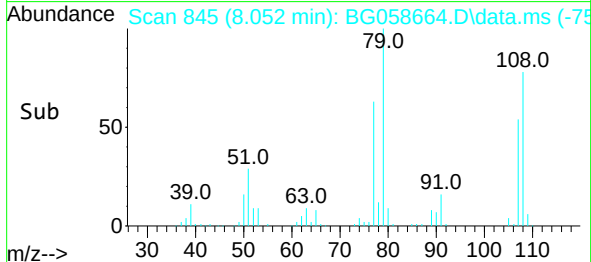
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



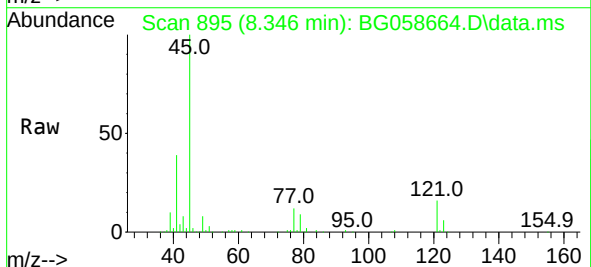
Tgt Ion: 79 Resp: 140894
Ion Ratio Lower Upper
79 100
108 78.4 63.8 95.6
77 63.2 49.8 74.6

Manual Integrations
APPROVED

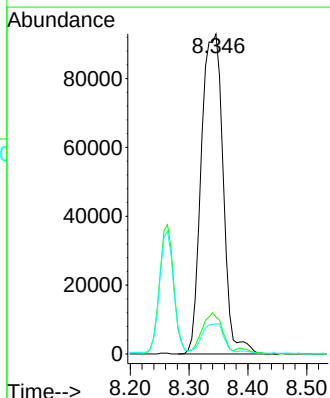
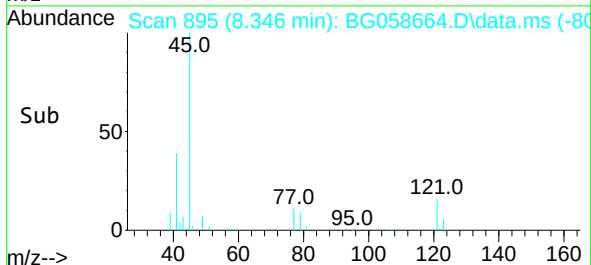
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

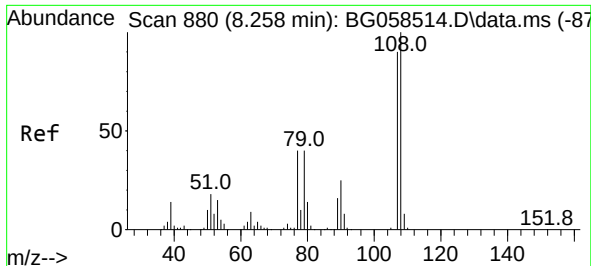


#16
2,2'-oxybis(1-chloropropane)
Concen: 47.900 ng
RT: 8.346 min Scan# 895
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40



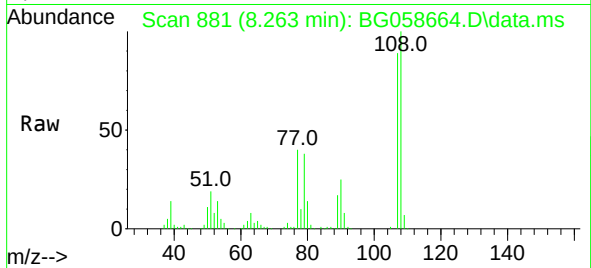
Tgt Ion: 45 Resp: 238814
Ion Ratio Lower Upper
45 100
77 11.6 0.0 32.6
79 9.4 0.0 30.2





#17
2-Methylphenol
Concen: 49.006 ng
RT: 8.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

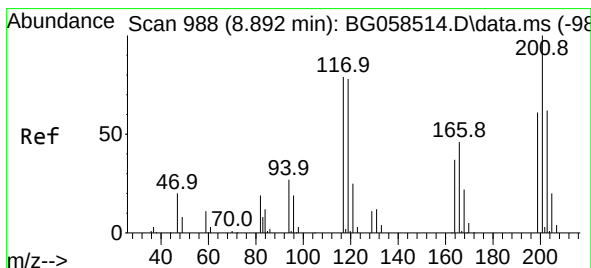
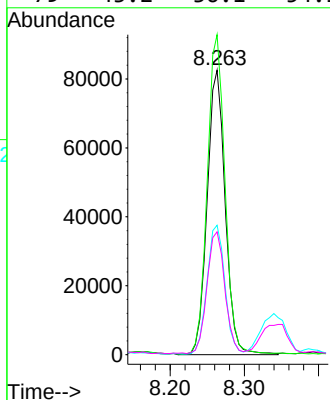
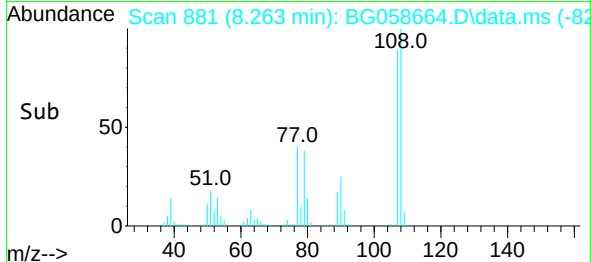
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



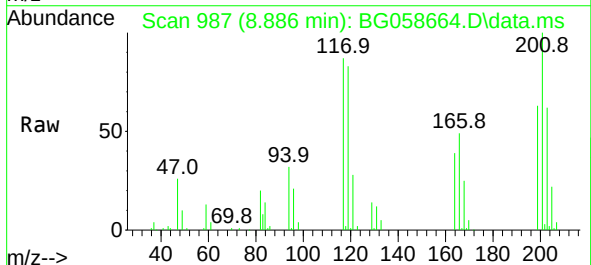
Tgt Ion:107 Resp: 13950
Ion Ratio Lower Upper
107 100
108 112.5 89.1 133.7
77 45.5 36.2 54.4
79 43.2 36.1 54.1

Manual Integrations
APPROVED

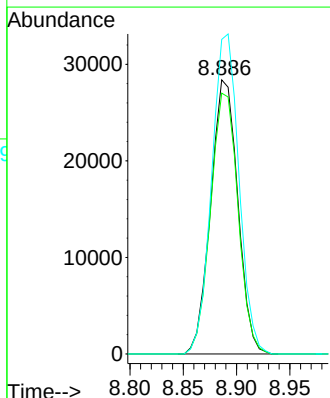
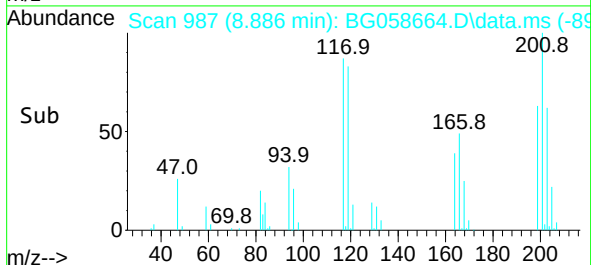
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

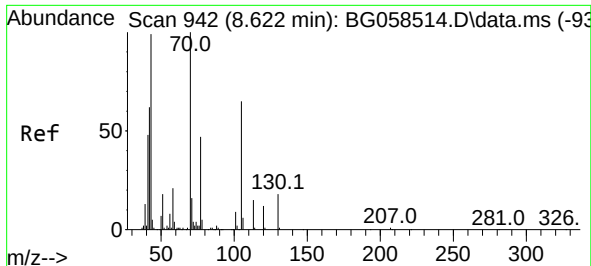


#18
Hexachloroethane
Concen: 45.864 ng
RT: 8.886 min Scan# 987
Delta R.T. -0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40



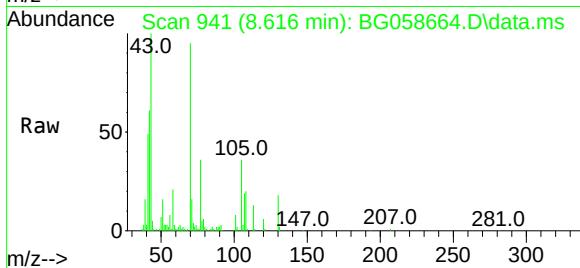
Tgt Ion:117 Resp: 50222
Ion Ratio Lower Upper
117 100
119 95.2 78.6 117.8
201 114.8 101.4 152.0





#19
n-Nitroso-di-n-propylamine
Concen: 45.423 ng
RT: 8.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

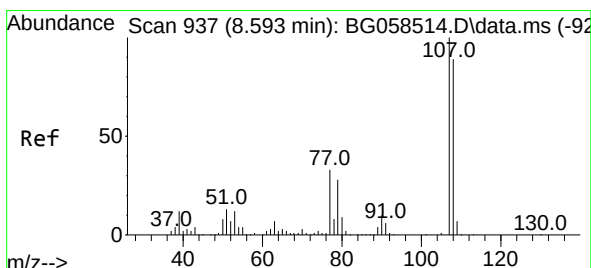
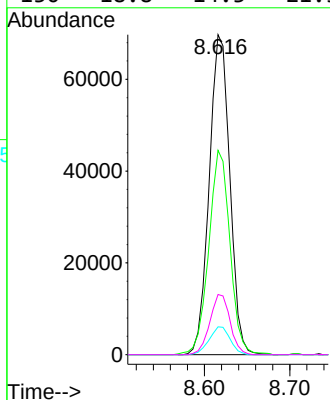
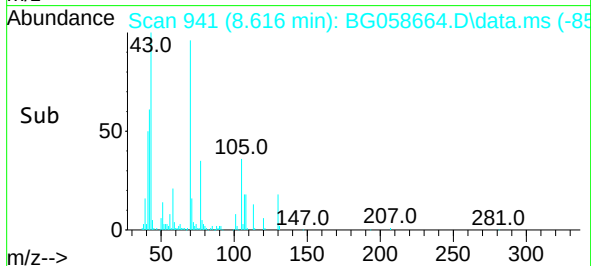
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



Tgt Ion: 70 Resp: 116934
Ion Ratio Lower Upper
70 100
42 63.9 49.7 74.5
101 8.7 7.0 10.4
130 18.8 14.3 21.5

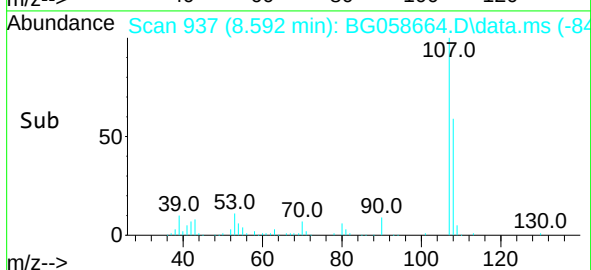
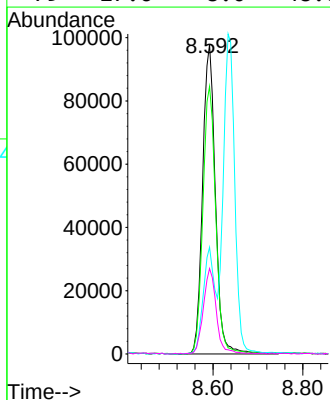
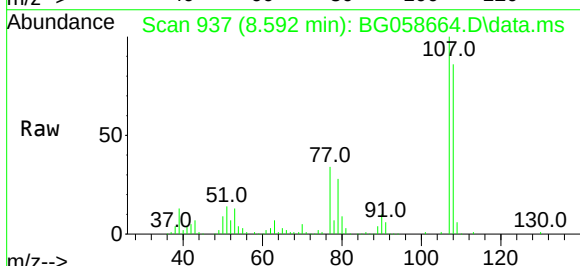
Manual Integrations
APPROVED

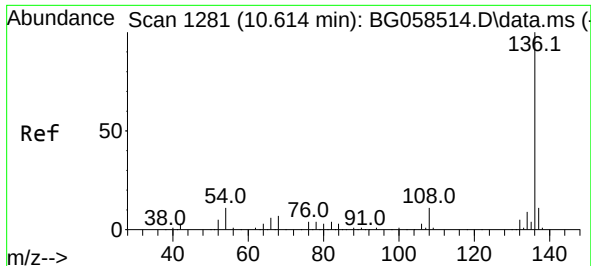
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#20
3+4-Methylphenols
Concen: 50.110 ng
RT: 8.592 min Scan# 937
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

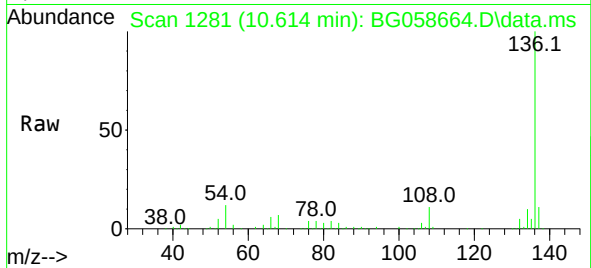
Tgt Ion:107 Resp: 192946
Ion Ratio Lower Upper
107 100
108 86.4 69.4 109.4
77 34.5 13.0 53.0
79 27.6 8.0 48.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

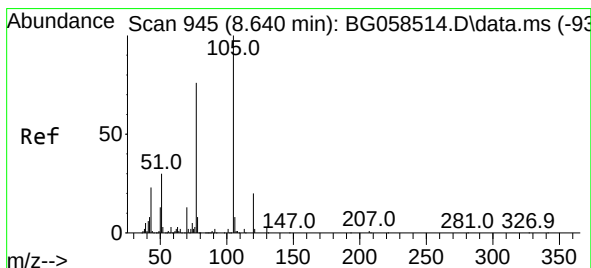
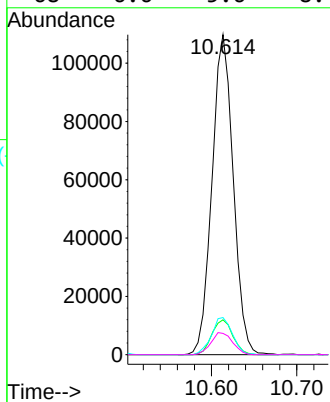
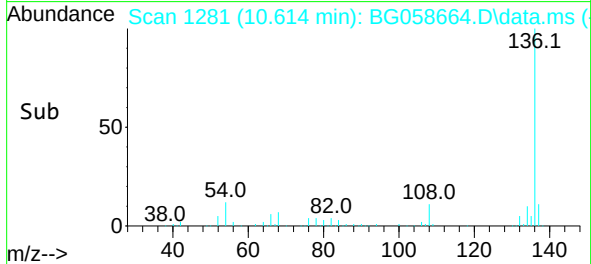
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



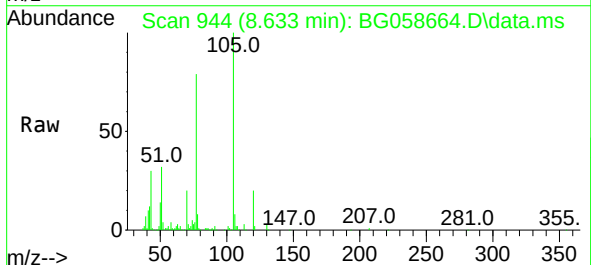
Tgt Ion:136 Resp: 189945
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 11.6 8.9 13.3
68 6.6 5.6 8.4

Manual Integrations
APPROVED

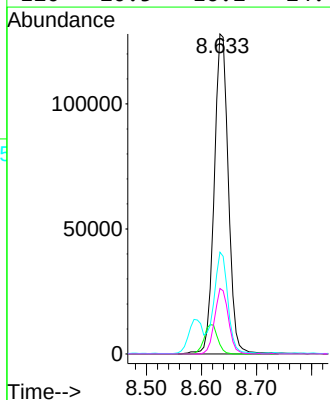
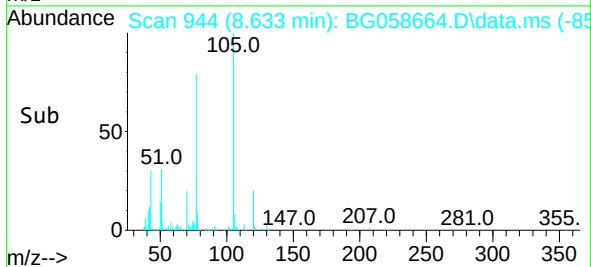
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

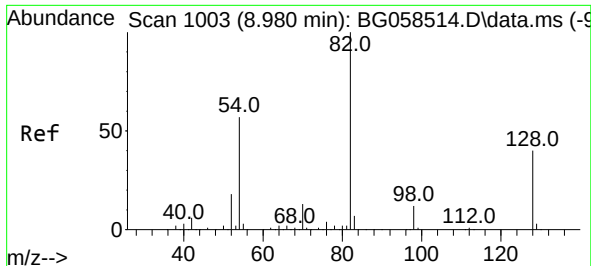


#22
Acetophenone
Concen: 45.007 ng
RT: 8.633 min Scan# 944
Delta R.T. -0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40



Tgt Ion:105 Resp: 228904
Ion Ratio Lower Upper
105 100
71 3.0 1.8 2.6#
51 31.8 24.2 36.2
120 20.5 16.2 24.4





#23

Nitrobenzene-d5

Concen: 64.561 ng

RT: 8.980 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BG058664.D

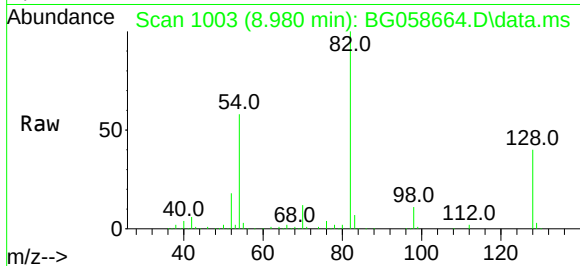
Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS



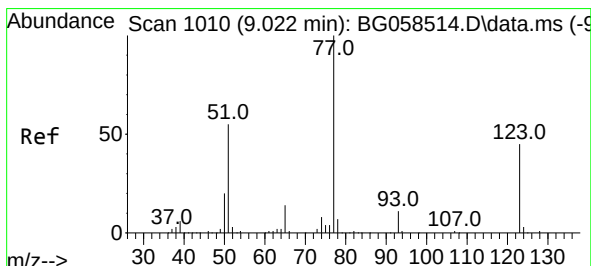
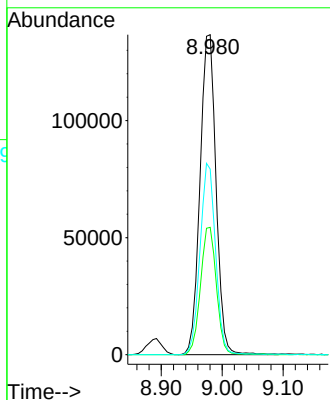
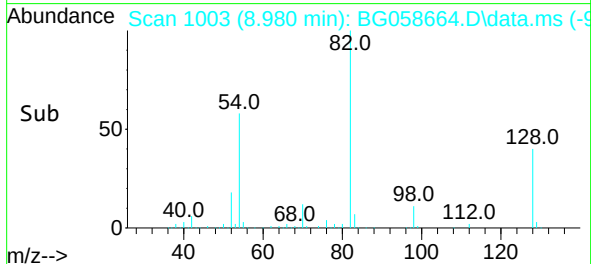
Tgt Ion:	82	Resp:	249629
Ion Ratio	Lower	Upper	
82	100		
128	39.8	32.2	48.2
54	58.0	46.0	69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#24

Nitrobenzene

Concen: 44.008 ng

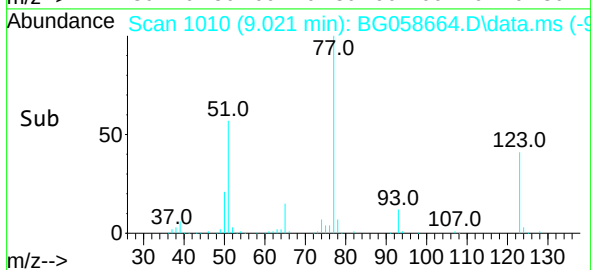
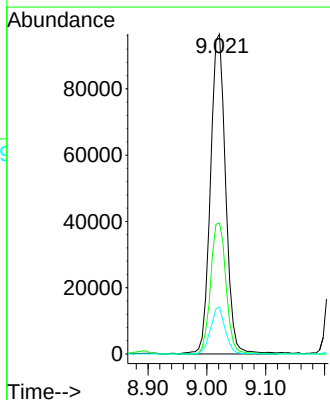
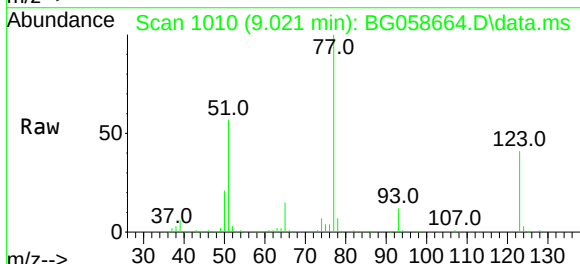
RT: 9.021 min Scan# 1010

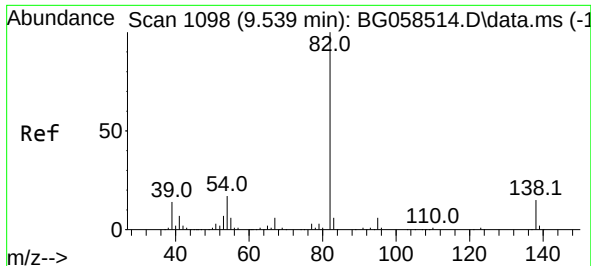
Delta R.T. -0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

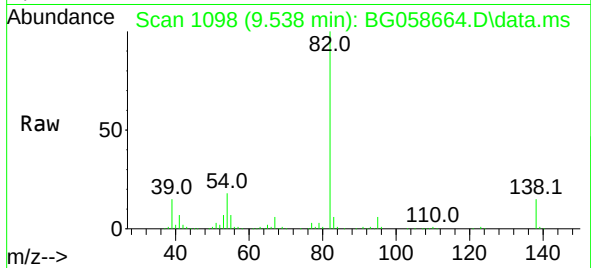
Tgt Ion:	77	Resp:	172990
Ion Ratio	Lower	Upper	
77	100		
123	41.0	35.6	53.4
65	14.7	11.4	17.0





#25
Isophorone
Concen: 43.093 ng
RT: 9.538 min Scan# 1098
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

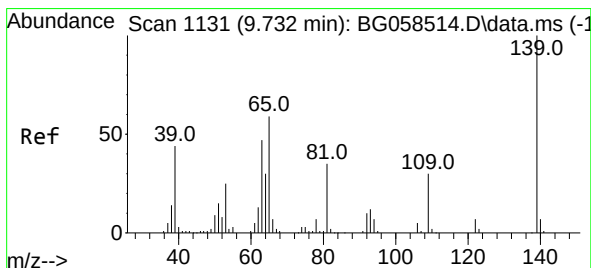
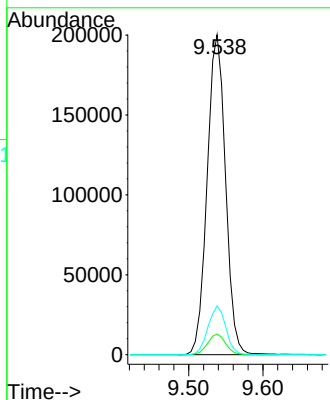
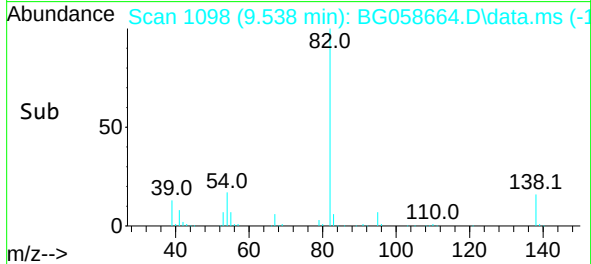
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



Tgt Ion: 82 Resp: 344260
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 15.2 11.9 17.9

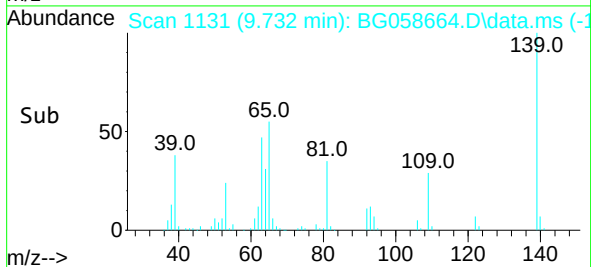
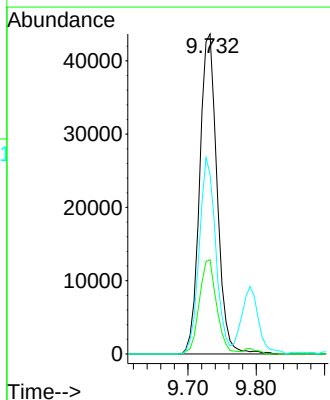
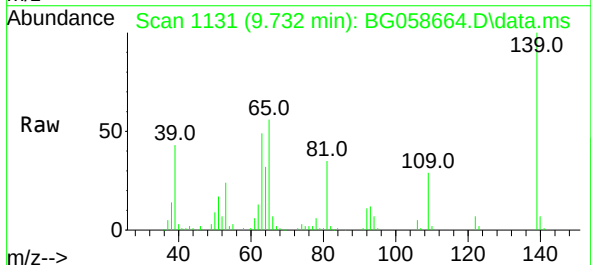
Manual Integrations
APPROVED

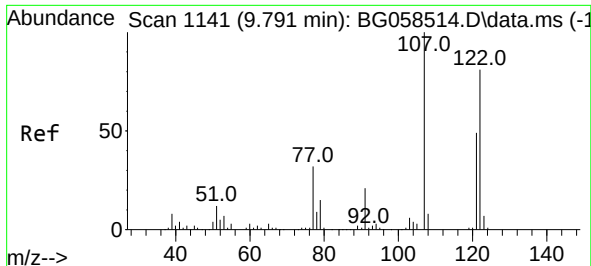
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#26
2-Nitrophenol
Concen: 45.381 ng
RT: 9.732 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

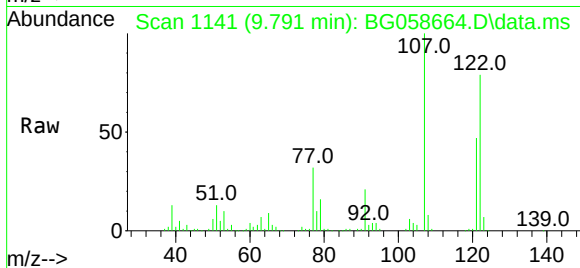
Tgt Ion:139 Resp: 77651
Ion Ratio Lower Upper
139 100
109 29.5 24.2 36.2
65 56.2 47.0 70.4





#27
2,4-Dimethylphenol
Concen: 47.059 ng
RT: 9.791 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

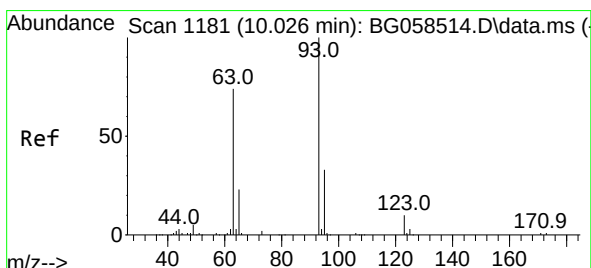
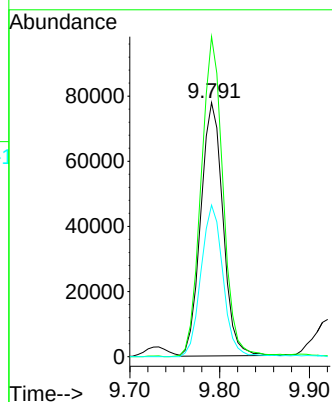
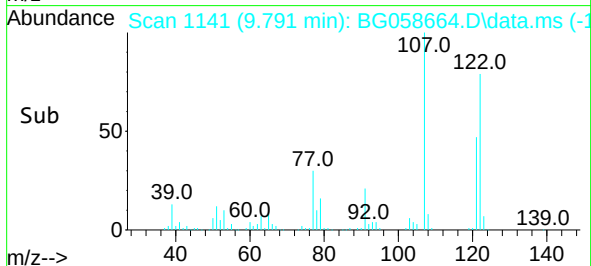
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



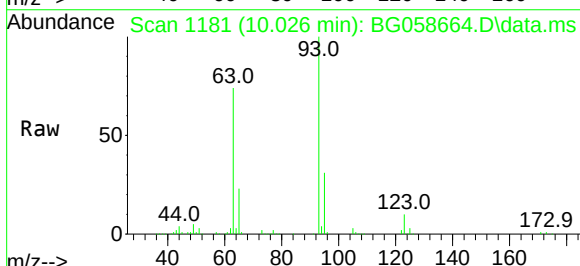
Tgt Ion:122 Resp: 13356
Ion Ratio Lower Upper
122 100
107 126.0 98.0 147.0
121 59.6 47.8 71.6

Manual Integrations
APPROVED

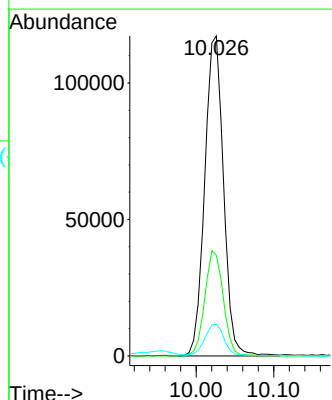
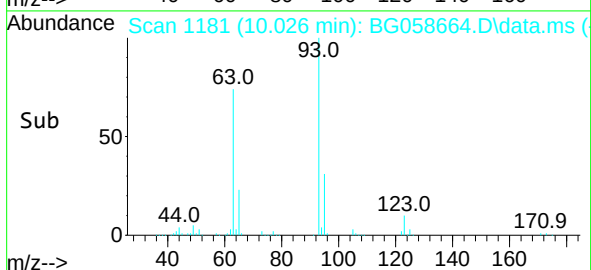
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

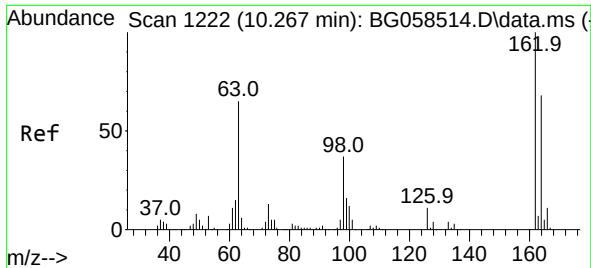


#28
bis(2-Chloroethoxy)methane
Concen: 45.371 ng
RT: 10.026 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40



Tgt Ion: 93 Resp: 197256
Ion Ratio Lower Upper
93 100
95 31.4 26.0 39.0
123 10.0 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 50.331 ng

RT: 10.267 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG058664.D

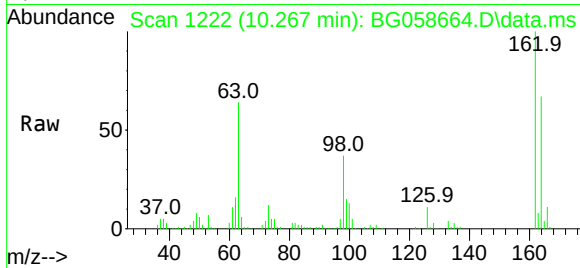
Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS



Tgt Ion:162 Resp: 14832

Ion Ratio Lower Upper

162 100

164 66.6 47.6 87.6

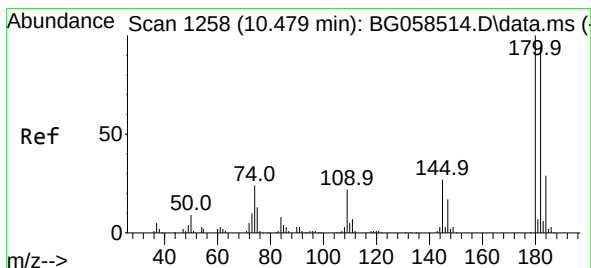
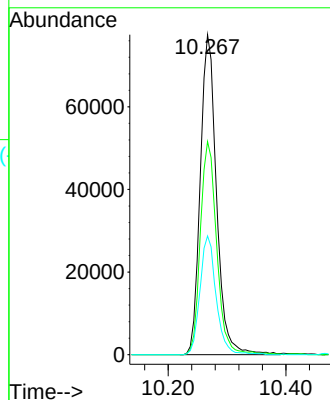
98 37.1 17.1 57.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.965 ng

RT: 10.478 min Scan# 1258

Delta R.T. -0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

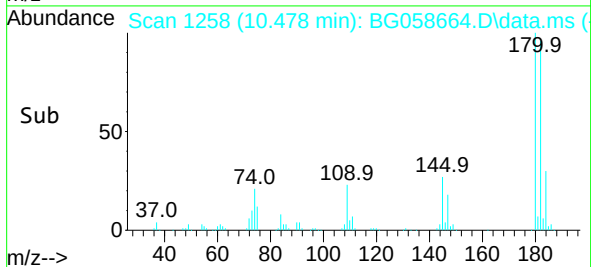
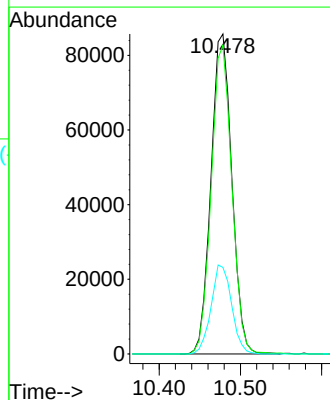
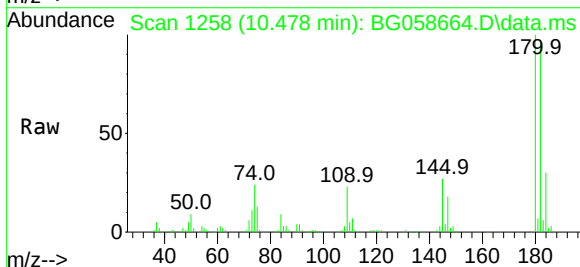
Tgt Ion:180 Resp: 152815

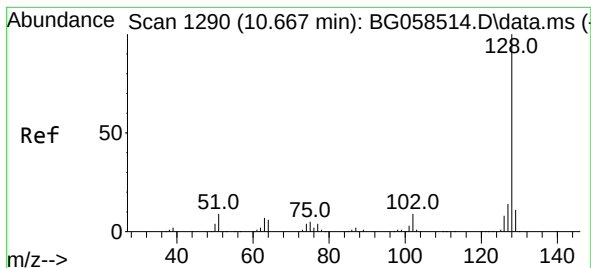
Ion Ratio Lower Upper

180 100

182 96.4 75.0 112.4

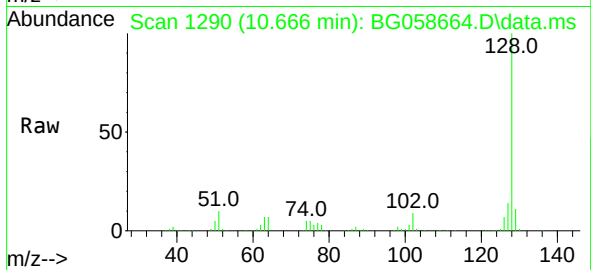
145 27.0 21.9 32.9





#31
Naphthalene
Concen: 43.531 ng
RT: 10.666 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

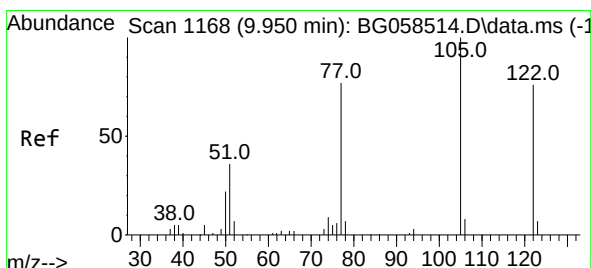
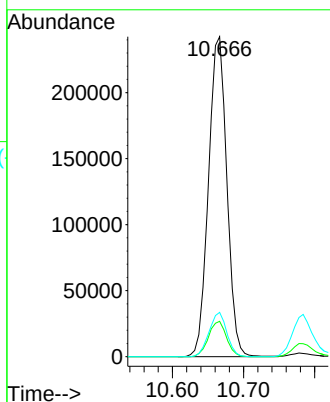
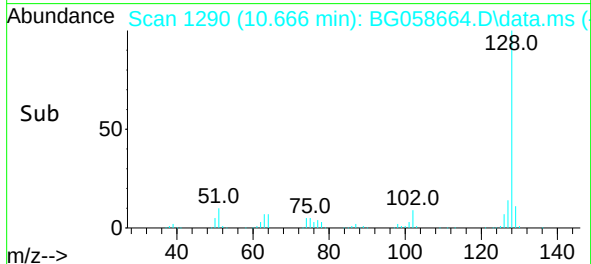
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



Tgt Ion:128 Resp: 435798
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.9 10.9 16.3

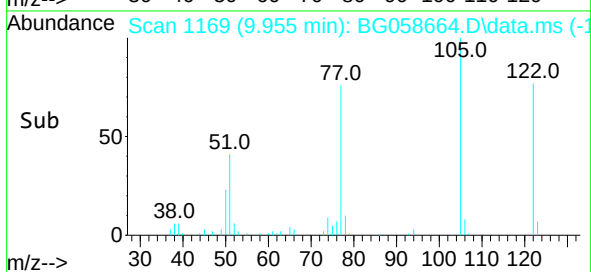
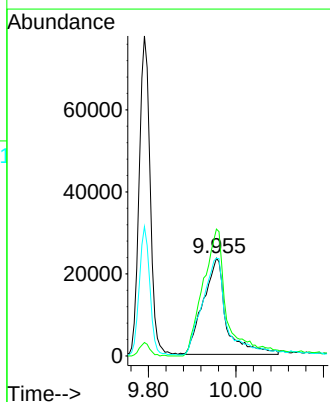
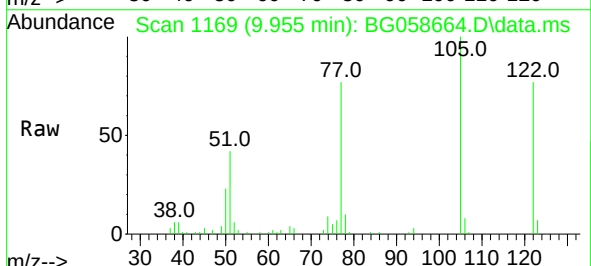
Manual Integrations
APPROVED

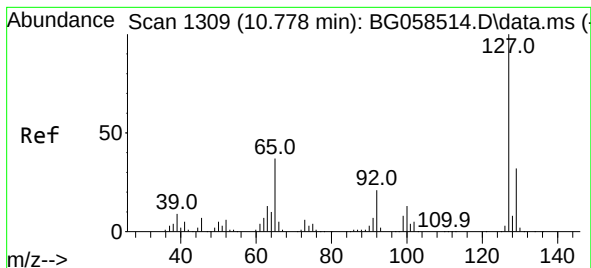
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#32
Benzoic acid
Concen: 40.727 ng
RT: 9.955 min Scan# 1169
Delta R.T. 0.005 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

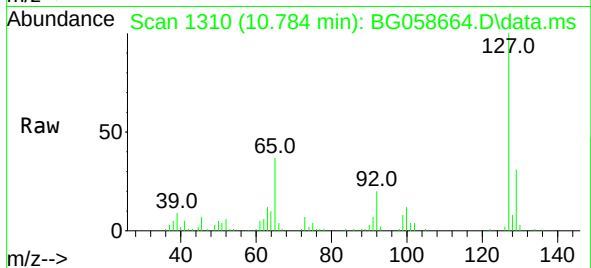
Tgt Ion:122 Resp: 86590
Ion Ratio Lower Upper
122 100
105 129.7 106.5 146.5
77 99.9 78.1 118.1





#33
4-Chloroaniline
Concen: 16.015 ng
RT: 10.784 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

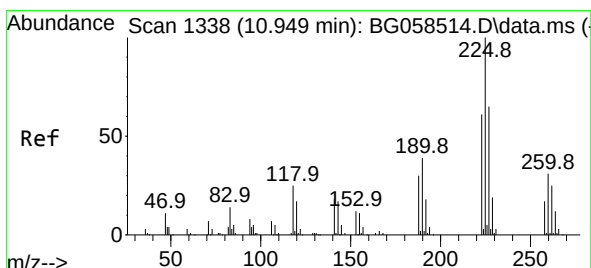
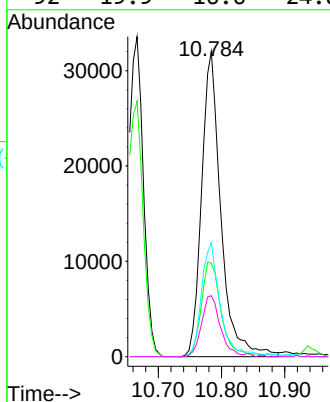
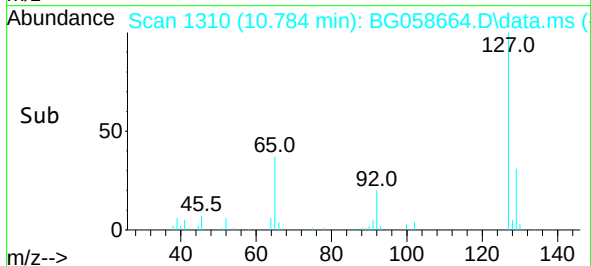
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



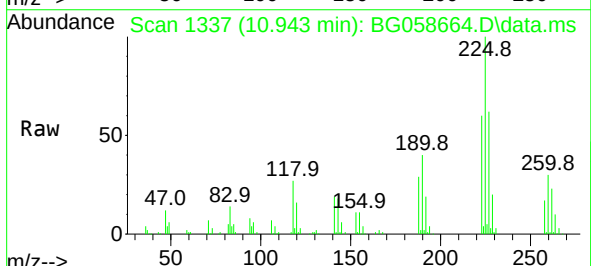
Tgt Ion:	127	Resp:	67739
Ion Ratio	Lower	Upper	
127	100		
129	30.6	25.4	38.2
65	37.4	29.5	44.3
92	19.9	16.6	24.8

Manual Integrations
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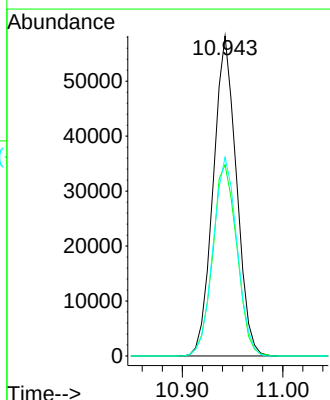
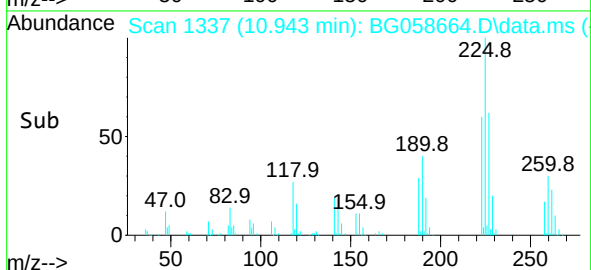
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

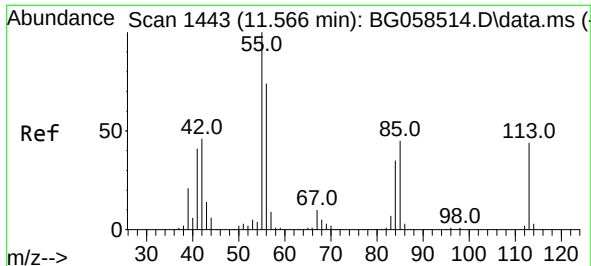


#34
Hexachlorobutadiene
Concen: 42.593 ng
RT: 10.943 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40



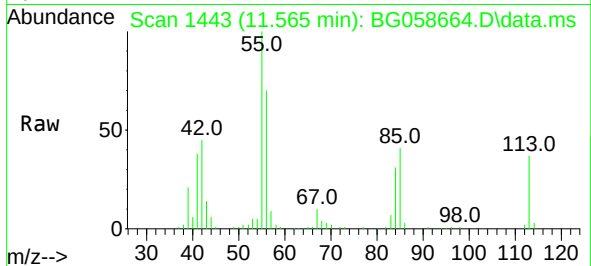
Tgt Ion:	225	Resp:	93221
Ion Ratio	Lower	Upper	
225	100		
223	59.8	49.0	73.6
227	62.1	51.7	77.5





#35
Caprolactam
Concen: 46.720 ng m
RT: 11.565 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

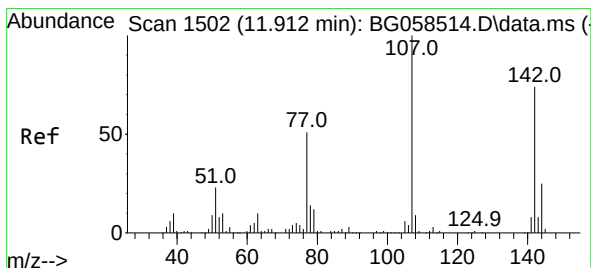
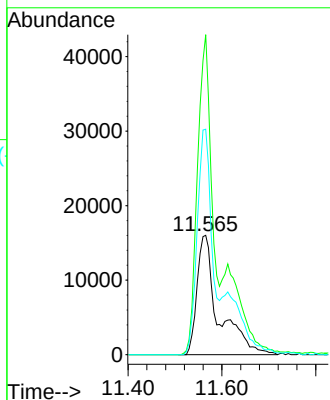
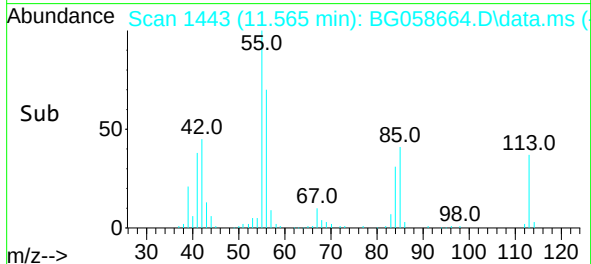
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



Tgt Ion:113 Resp: 50842
Ion Ratio Lower Upper
113 100
55 268.1 208.0 248.0
56 189.0 148.6 188.6

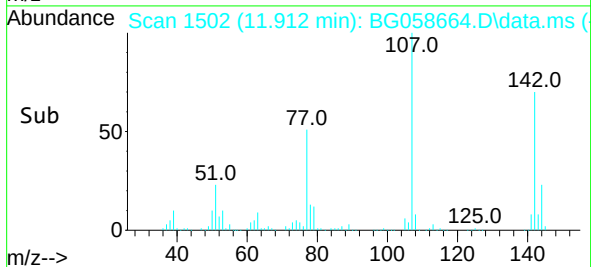
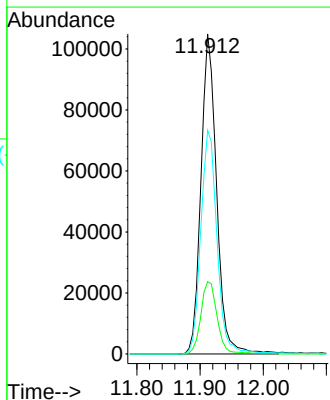
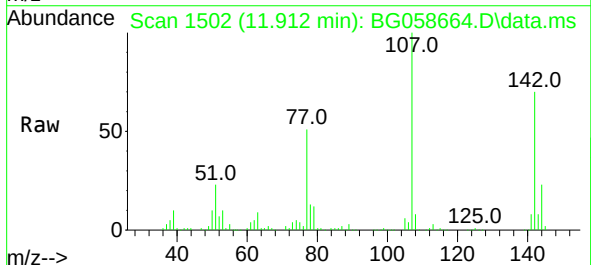
Manual Integrations
APPROVED

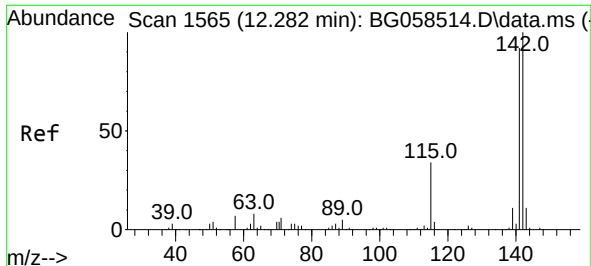
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#36
4-Chloro-3-methylphenol
Concen: 49.410 ng
RT: 11.912 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:107 Resp: 180121
Ion Ratio Lower Upper
107 100
144 22.6 19.6 29.4
142 69.9 59.3 88.9





#37

2-Methylnaphthalene

Concen: 43.040 ng

RT: 12.276 min Scan# 1564

Delta R.T. -0.006 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS

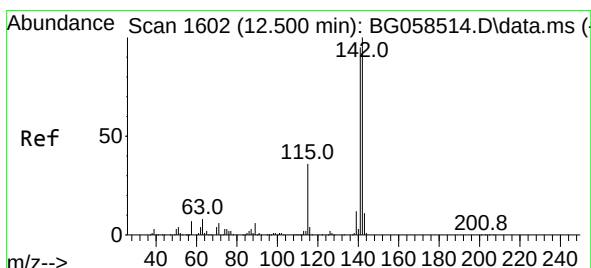
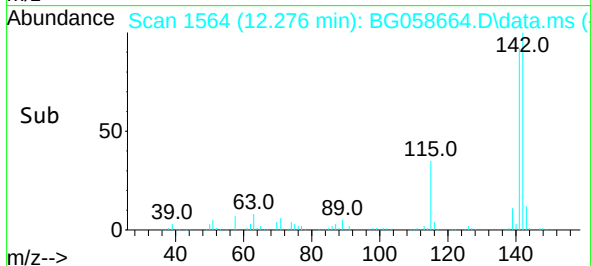
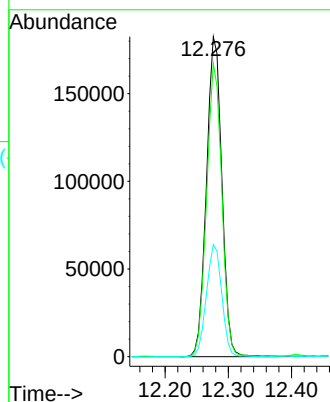
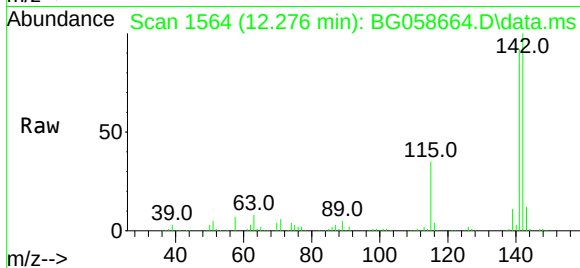
Tgt Ion:142 Resp: 308220
 Ion Ratio Lower Upper
 142 100
 141 91.6 73.5 110.3
 115 35.0 27.4 41.0

Manual Integrations

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Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#38

1-Methylnaphthalene

Concen: 43.737 ng

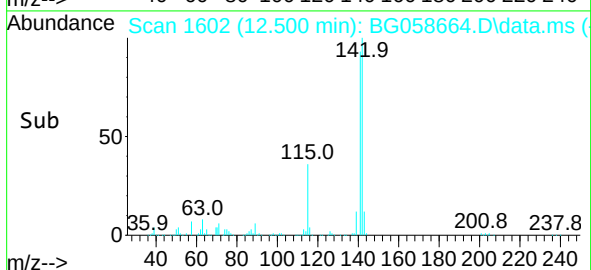
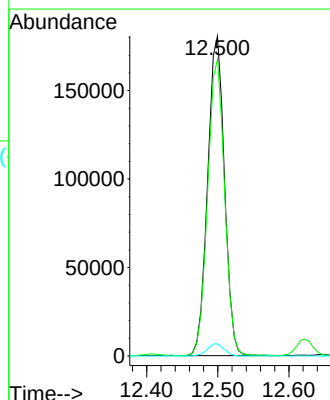
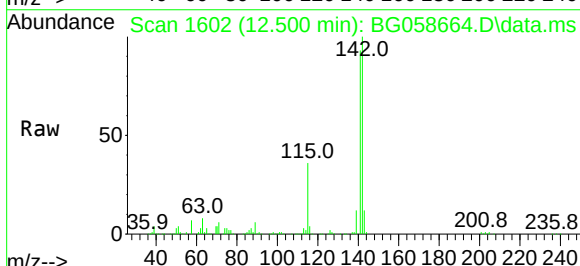
RT: 12.500 min Scan# 1602

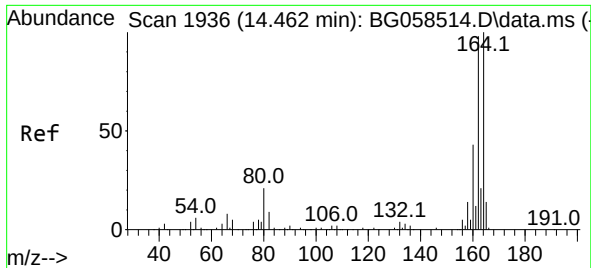
Delta R.T. -0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

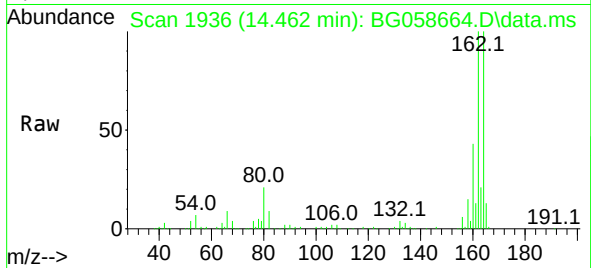
Tgt Ion:142 Resp: 297731
 Ion Ratio Lower Upper
 142 100
 141 92.7 75.7 113.5
 116 3.8 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

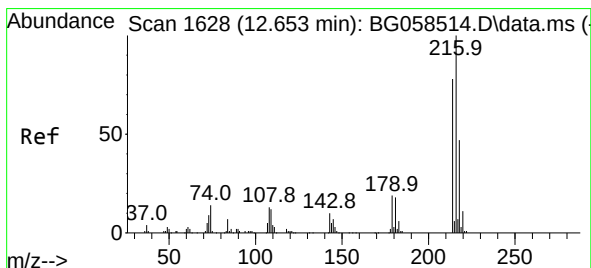
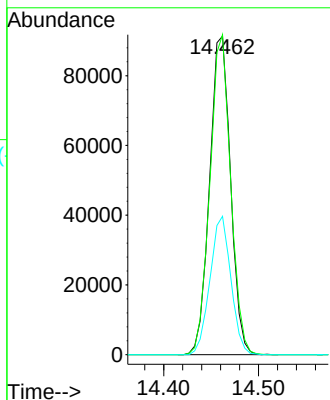
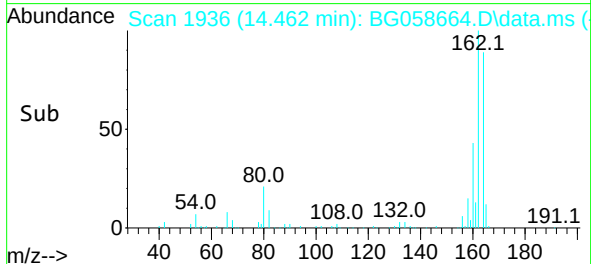
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



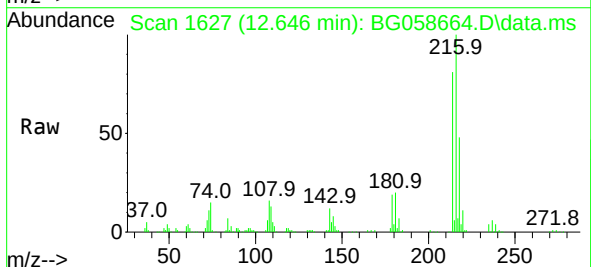
Tgt Ion:164 Resp: 139885
Ion Ratio Lower Upper
164 100
162 100.4 78.3 117.5
160 43.4 34.1 51.1

Manual Integrations
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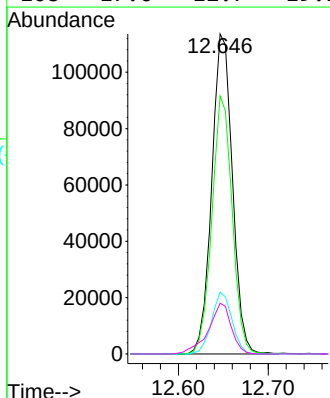
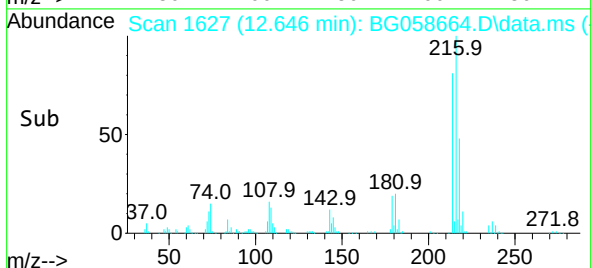
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

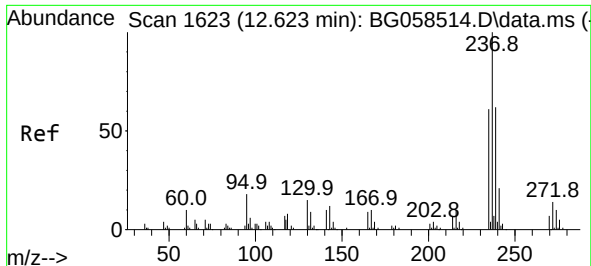


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.180 ng
RT: 12.646 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40



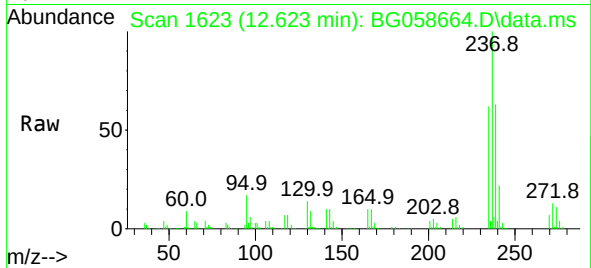
Tgt Ion:216 Resp: 181145
Ion Ratio Lower Upper
216 100
214 79.3 63.1 94.7
179 19.0 15.6 23.4
108 17.6 12.7 19.1





#41
Hexachlorocyclopentadiene
Concen: 73.951 ng
RT: 12.623 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

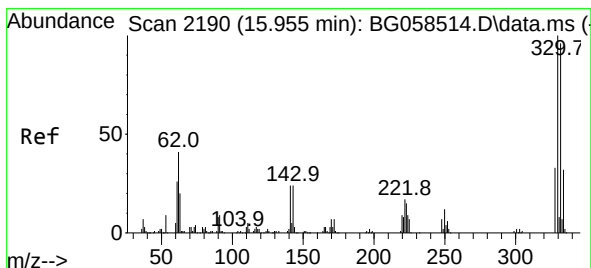
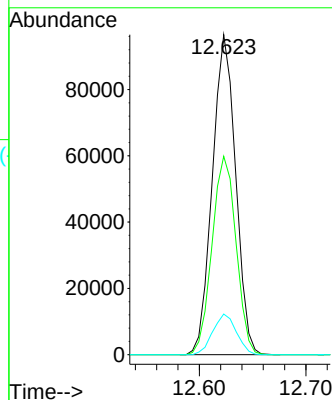
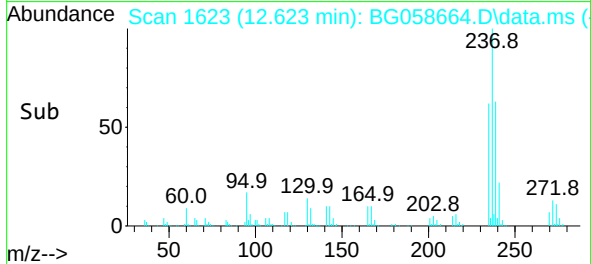
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



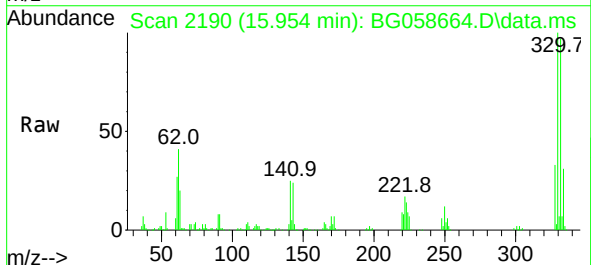
Tgt Ion:237 Resp: 146389
Ion Ratio Lower Upper
237 100
235 62.0 41.0 81.0
272 12.7 0.0 33.6

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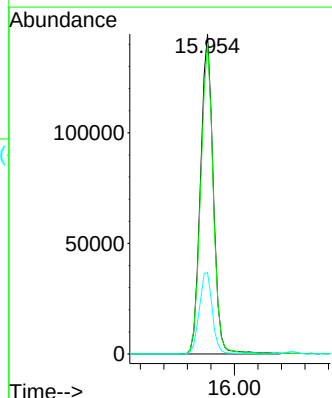
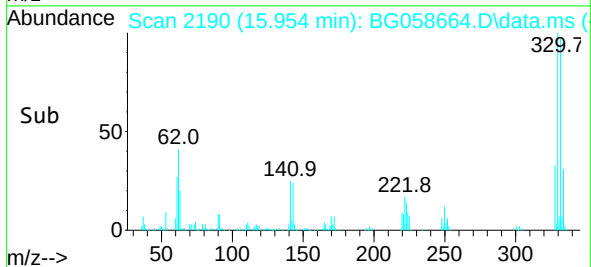
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

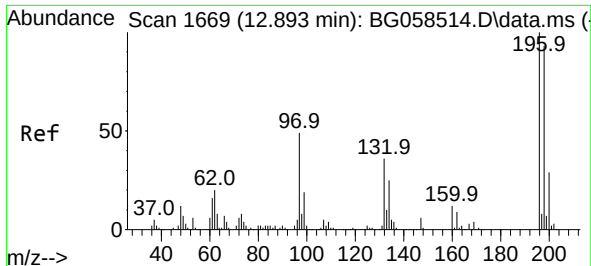


#42
2,4,6-Tribromophenol
Concen: 94.598 ng
RT: 15.954 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40



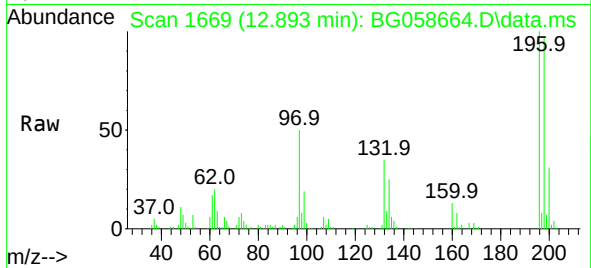
Tgt Ion:330 Resp: 216895
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 26.1 20.7 31.1





#43
2,4,6-Trichlorophenol
Concen: 45.265 ng
RT: 12.893 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

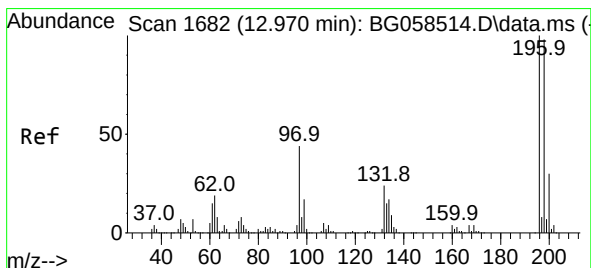
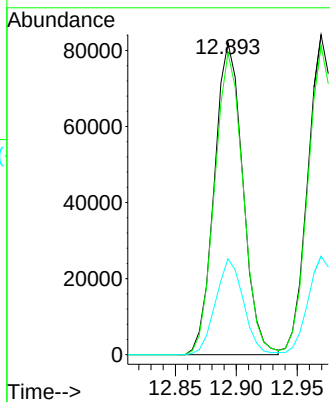
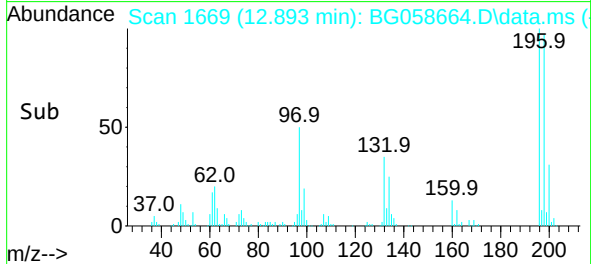
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



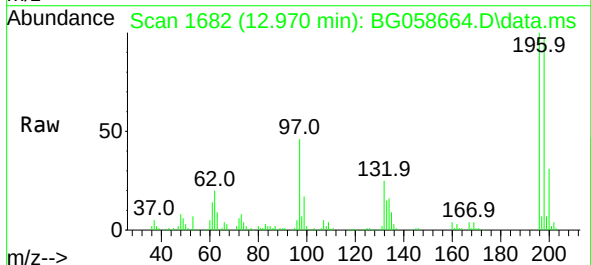
Tgt Ion:196 Resp: 133709
Ion Ratio Lower Upper
196 100
198 96.7 74.2 111.4
200 30.8 22.9 34.3

Manual Integrations
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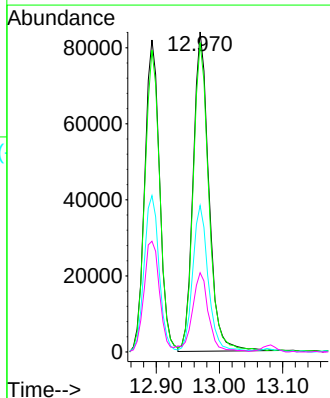
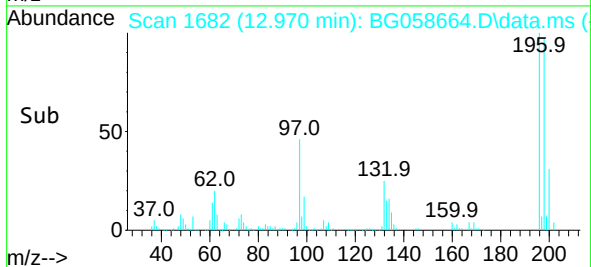
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

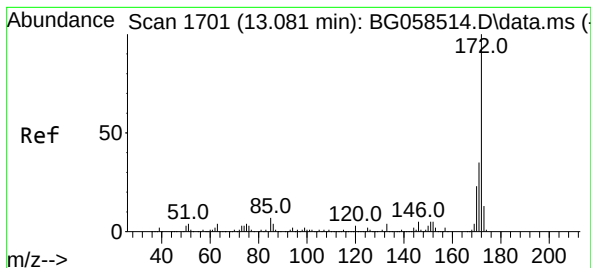


#44
2,4,5-Trichlorophenol
Concen: 41.719 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40



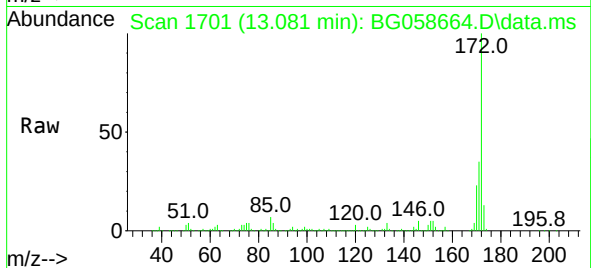
Tgt Ion:196 Resp: 145150
Ion Ratio Lower Upper
196 100
198 96.7 78.3 117.5
97 45.7 35.2 52.8
132 24.7 19.4 29.0





#45
2-Fluorobiphenyl
Concen: 58.193 ng
RT: 13.081 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

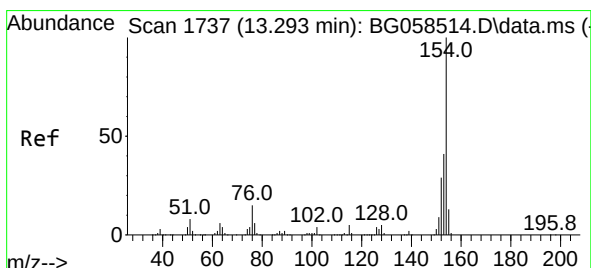
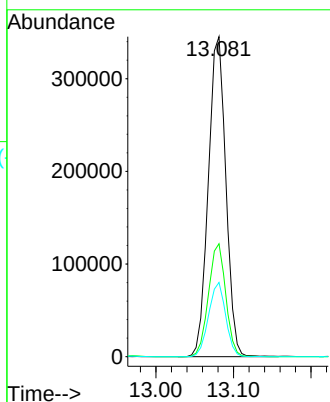
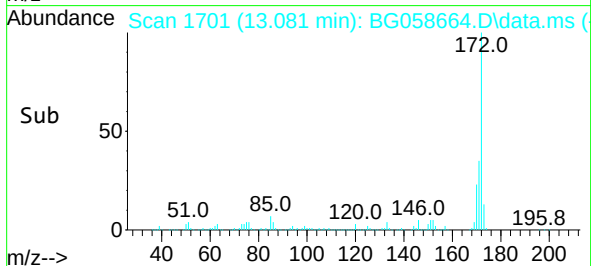
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



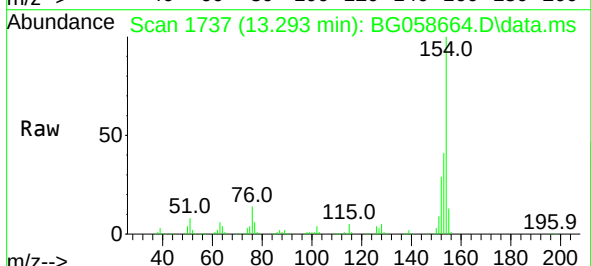
Tgt Ion:172 Resp: 543190
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.2 18.4 27.6

Manual Integrations
APPROVED

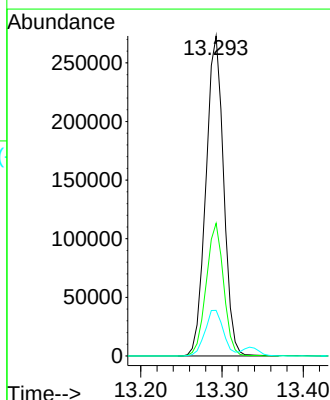
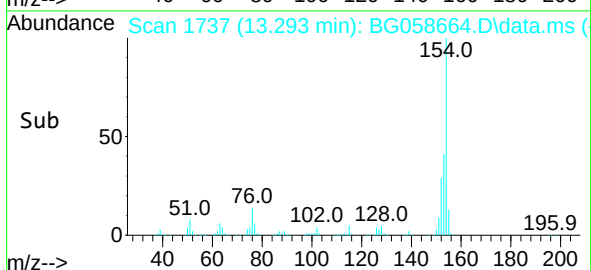
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

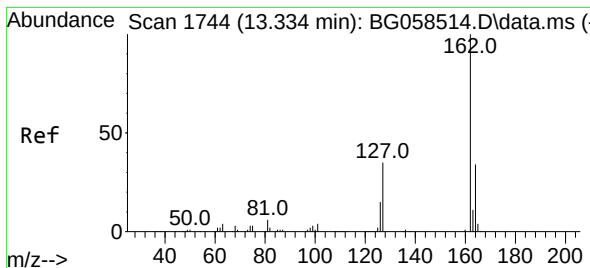


#46
1,1'-Biphenyl
Concen: 42.934 ng
RT: 13.293 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40



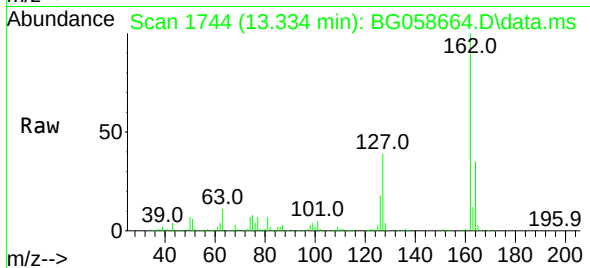
Tgt Ion:154 Resp: 412454
Ion Ratio Lower Upper
154 100
153 41.4 21.2 61.2
76 14.3 0.0 34.7





#47
2-Chloronaphthalene
Concen: 44.357 ng
RT: 13.334 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

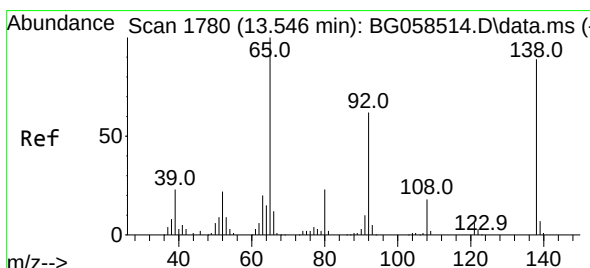
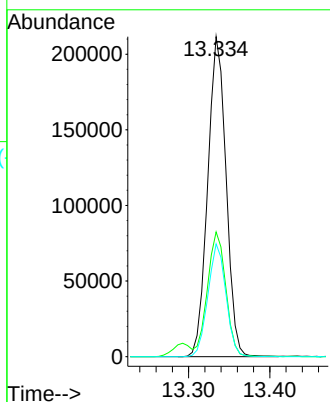
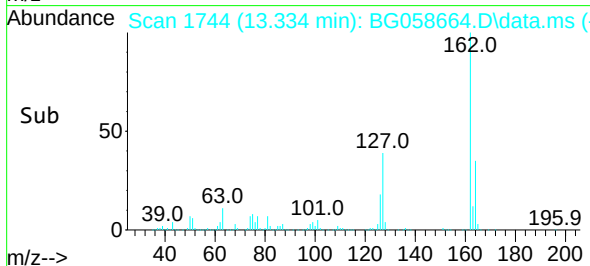
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



Tgt Ion:162 Resp: 332249
Ion Ratio Lower Upper
162 100
127 39.0 30.9 46.3
164 35.3 27.2 40.8

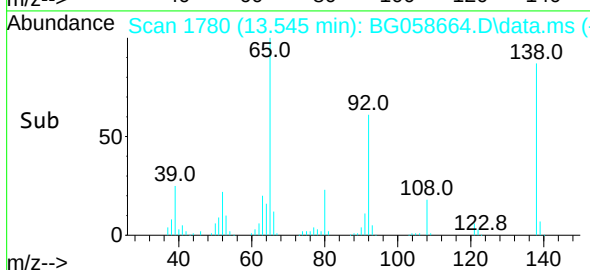
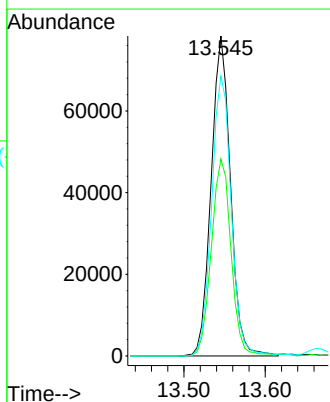
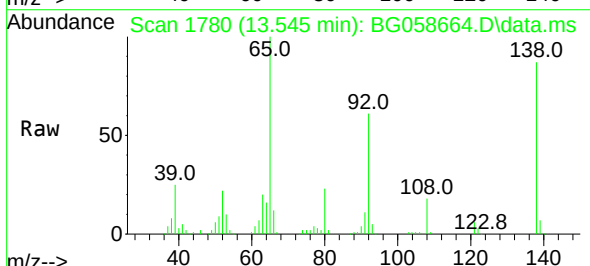
Manual Integrations
APPROVED

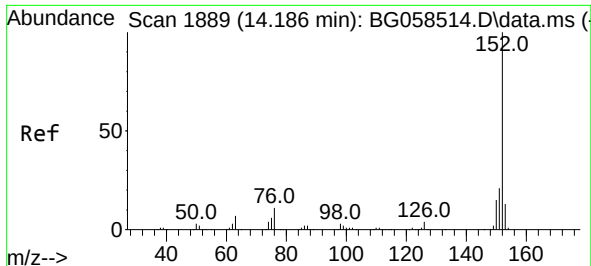
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#48
2-Nitroaniline
Concen: 45.300 ng
RT: 13.545 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

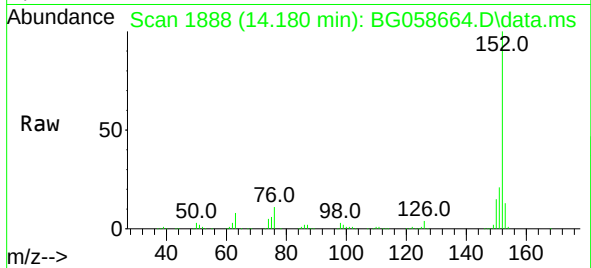
Tgt Ion: 65 Resp: 129512
Ion Ratio Lower Upper
65 100
92 61.5 49.2 73.8
138 87.4 71.5 107.3





#49
Acenaphthylene
Concen: 44.329 ng
RT: 14.180 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

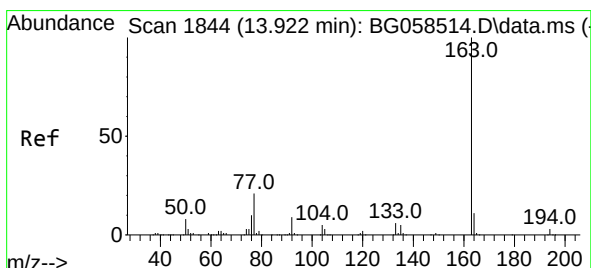
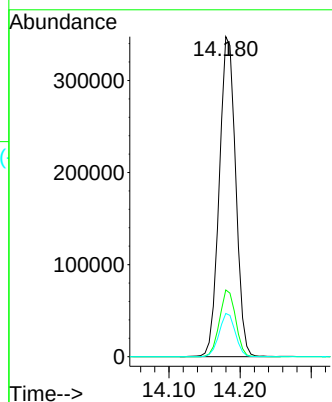
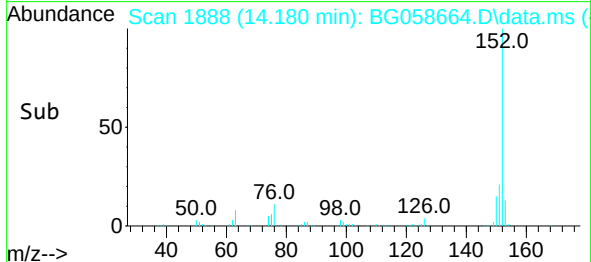
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



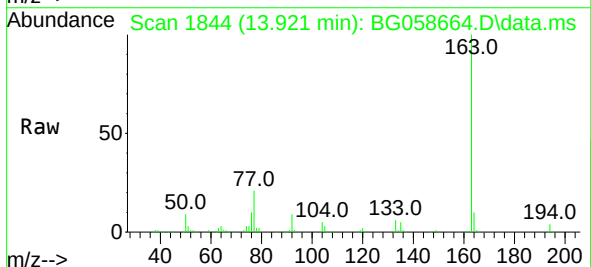
Tgt Ion:152 Resp: 555910
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7
153 13.5 10.7 16.1

Manual Integrations
APPROVED

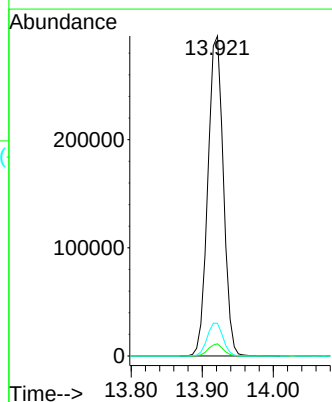
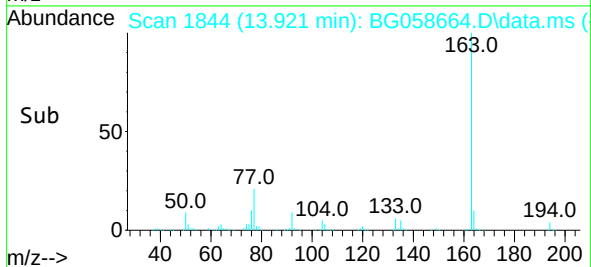
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

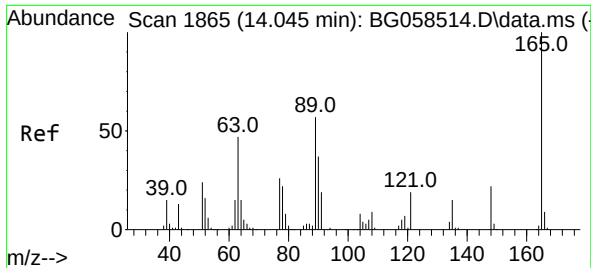


#50
Dimethylphthalate
Concen: 42.720 ng
RT: 13.921 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40



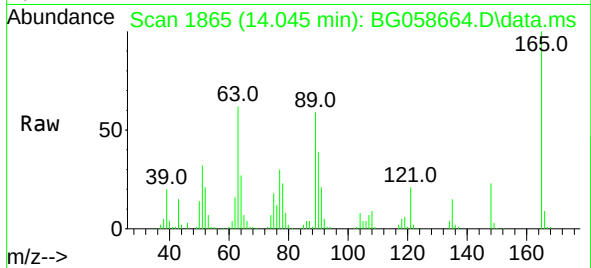
Tgt Ion:163 Resp: 448808
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.2 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 43.102 ng
RT: 14.045 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

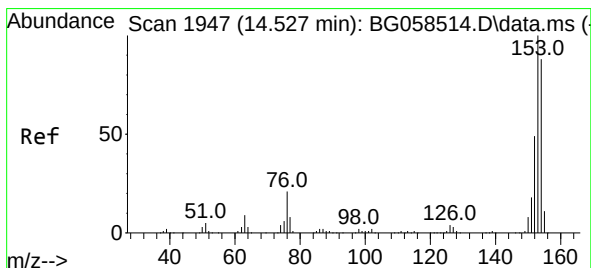
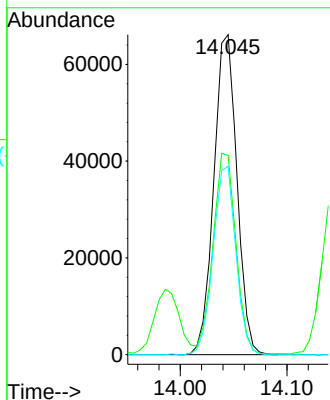
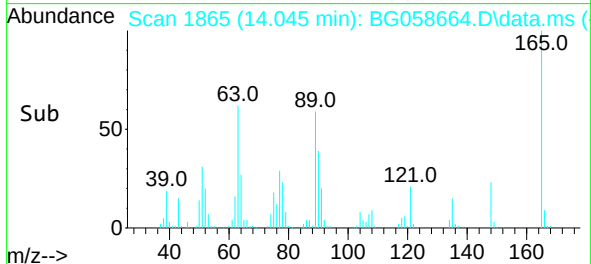
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



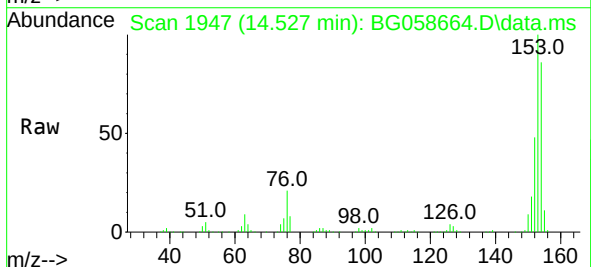
Tgt Ion:165 Resp: 99350
Ion Ratio Lower Upper
165 100
63 62.3 46.4 69.6
89 58.9 45.3 67.9

Manual Integrations
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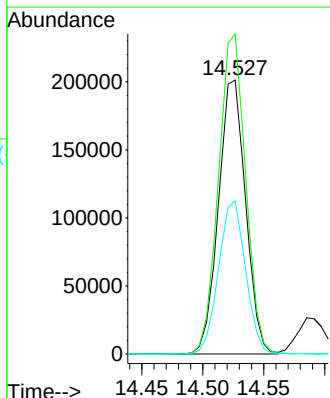
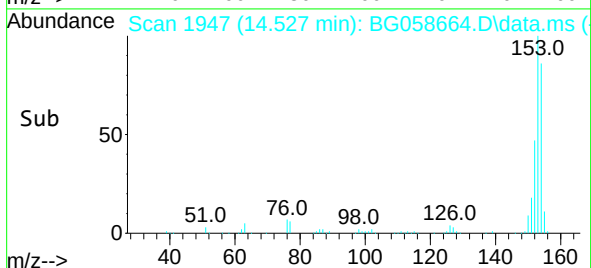
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

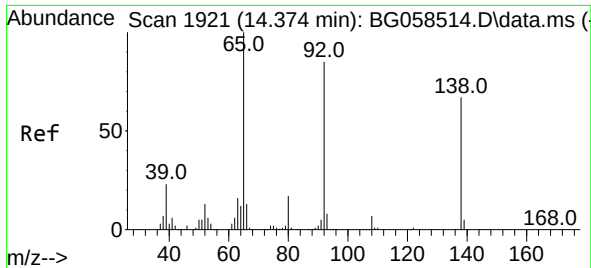


#52
Acenaphthene
Concen: 43.088 ng
RT: 14.527 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40



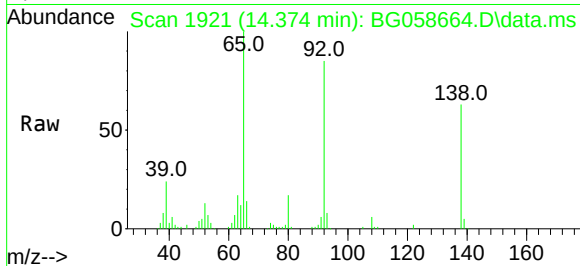
Tgt Ion:154 Resp: 312220
Ion Ratio Lower Upper
154 100
153 116.9 91.1 136.7
152 55.9 44.6 66.8





#53
3-Nitroaniline
Concen: 22.474 ng
RT: 14.374 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

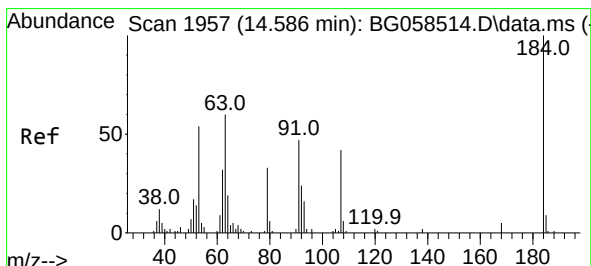
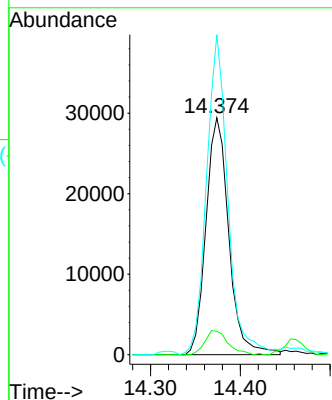
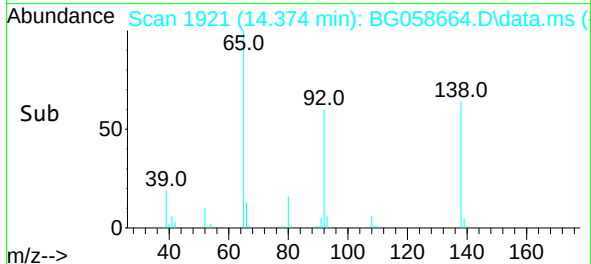
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



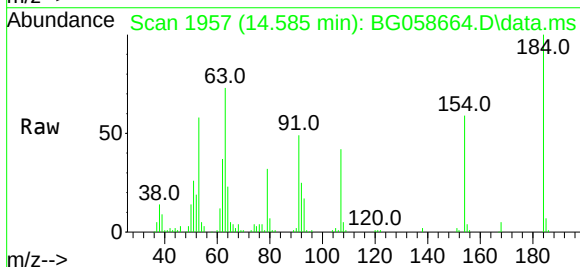
Tgt Ion:138 Resp: 5183
Ion Ratio Lower Upper
138 100
108 9.9 8.3 12.5
92 135.1 101.1 151.7

Manual Integrations
APPROVED

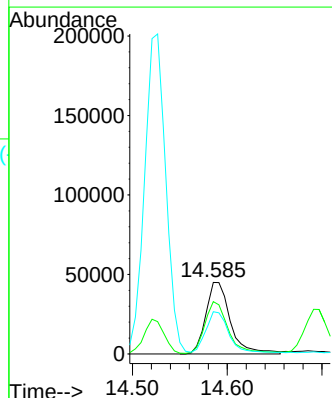
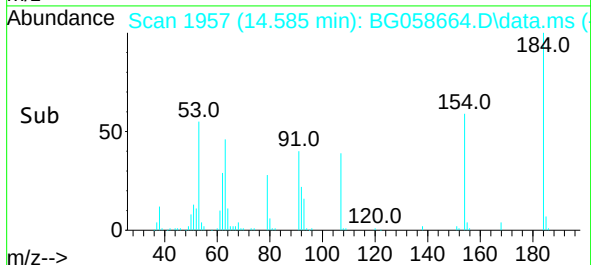
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

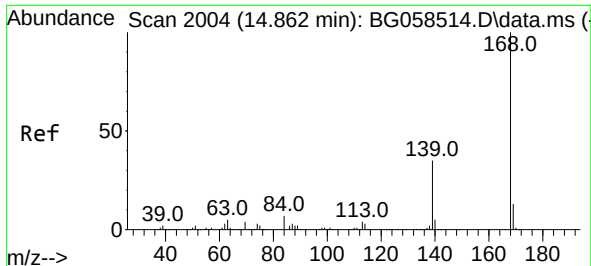


#54
2,4-Dinitrophenol
Concen: 64.065 ng
RT: 14.585 min Scan# 1957
Delta R.T. -0.001 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40



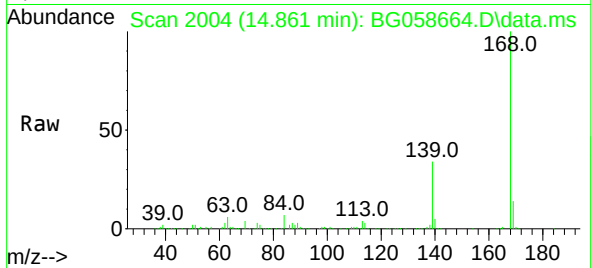
Tgt Ion:184 Resp: 81112
Ion Ratio Lower Upper
184 100
63 73.1 56.7 85.1
154 59.0 46.1 69.1





#55
Dibenzofuran
Concen: 42.940 ng
RT: 14.861 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

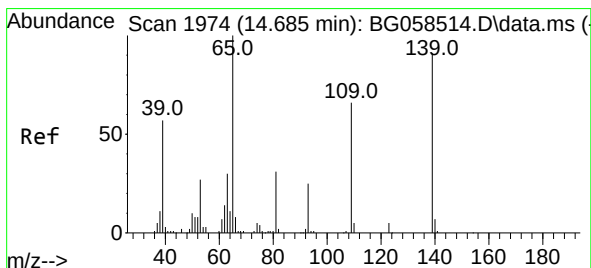
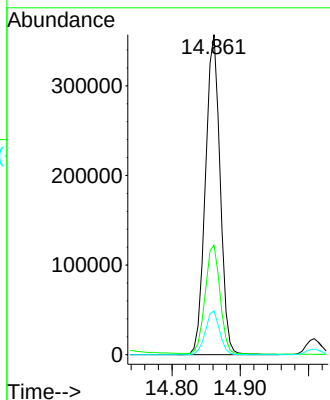
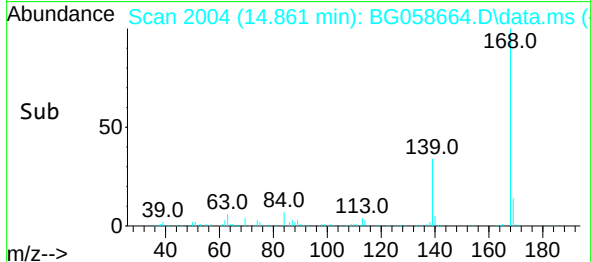
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



Tgt Ion:168 Resp: 534658
Ion Ratio Lower Upper
168 100
139 34.2 27.8 41.8
169 13.7 10.6 16.0

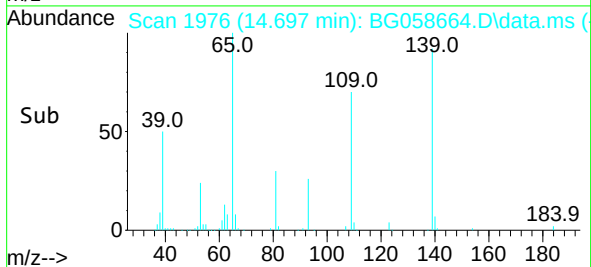
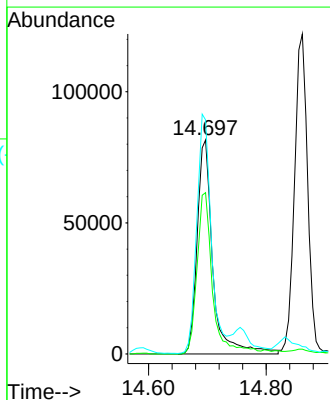
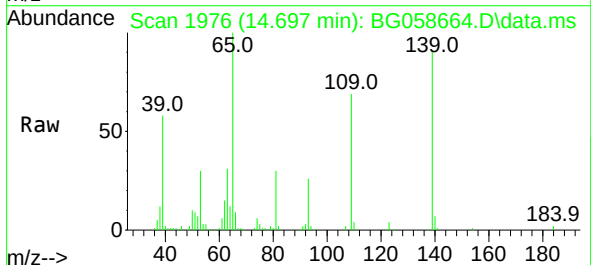
Manual Integrations
APPROVED

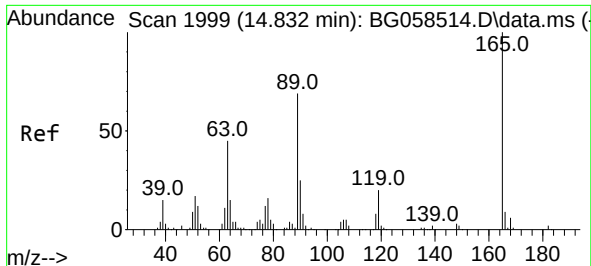
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#56
4-Nitrophenol
Concen: 88.316 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.012 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

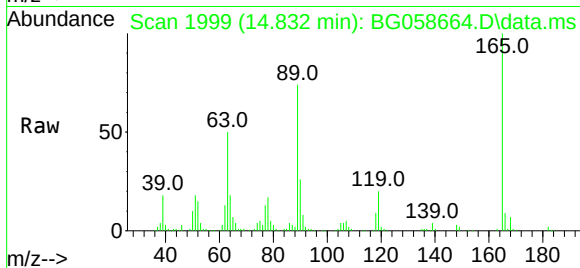
Tgt Ion:139 Resp: 151543
Ion Ratio Lower Upper
139 100
109 75.3 52.5 92.5
65 109.4 90.5 130.5





#57
2,4-Dinitrotoluene
Concen: 44.618 ng
RT: 14.832 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

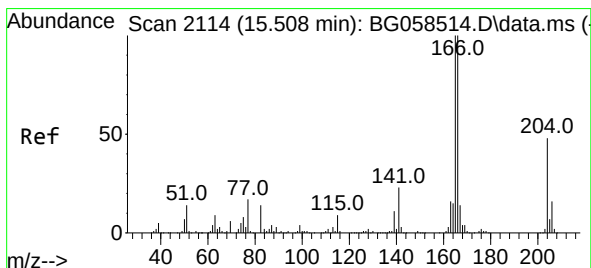
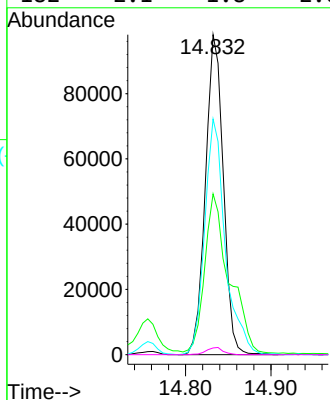
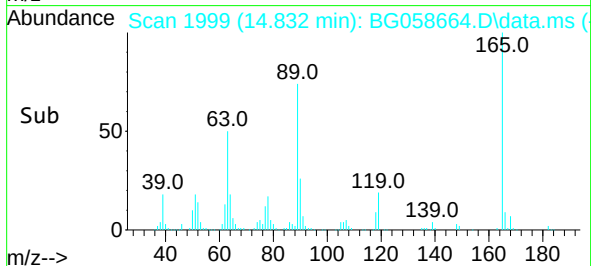
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



Tgt Ion:165 Resp: 142589
Ion Ratio Lower Upper
165 100
63 50.2 36.6 54.8
89 73.7 55.4 83.0
182 2.1 1.8 2.6

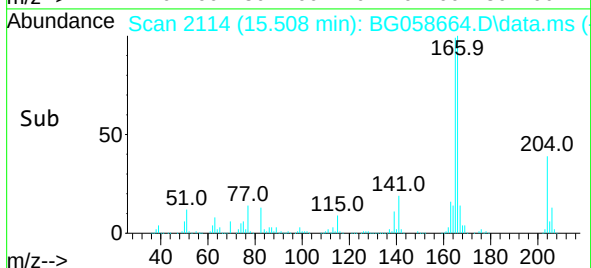
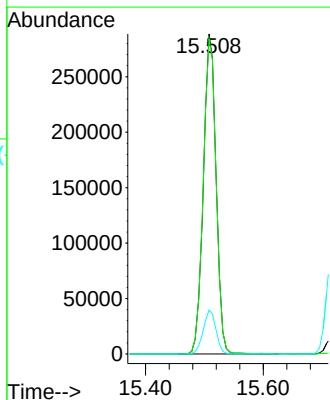
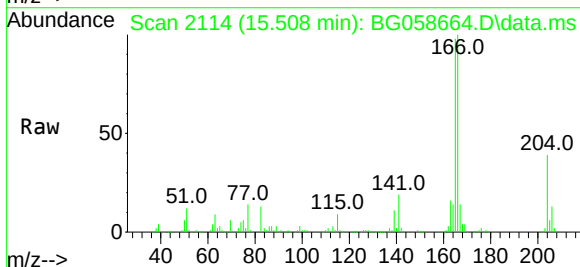
Manual Integrations
APPROVED

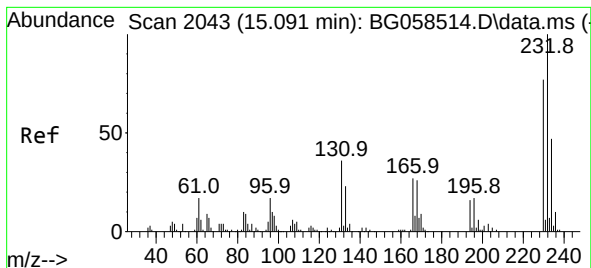
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#58
Fluorene
Concen: 43.696 ng
RT: 15.508 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

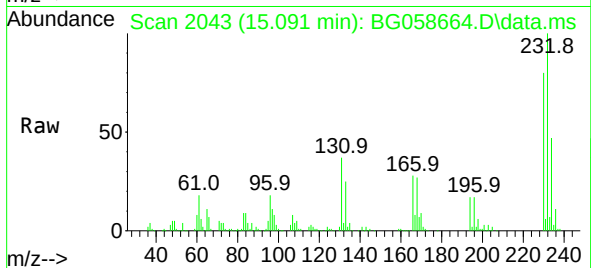
Tgt Ion:166 Resp: 432209
Ion Ratio Lower Upper
166 100
165 98.4 80.0 120.0
167 13.7 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.955 ng
RT: 15.091 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

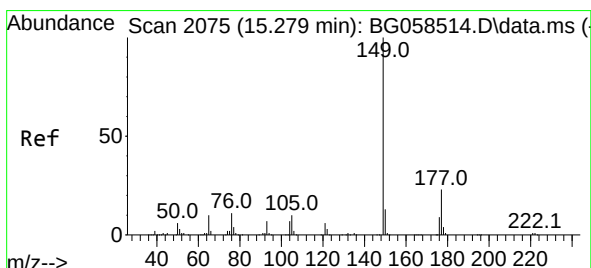
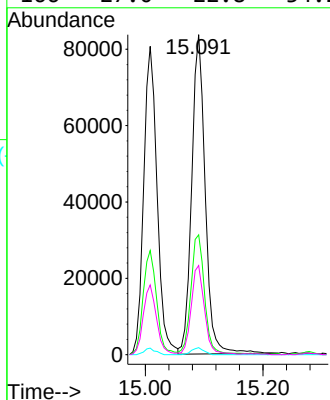
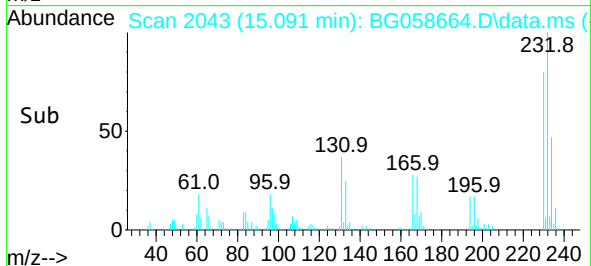
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



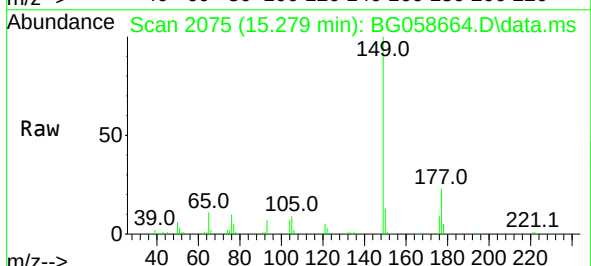
Tgt Ion:232 Resp: 13346
Ion Ratio Lower Upper
232 100
131 37.3 30.0 45.0
130 2.0 1.5 2.3
166 27.0 22.8 34.2

Manual Integrations
APPROVED

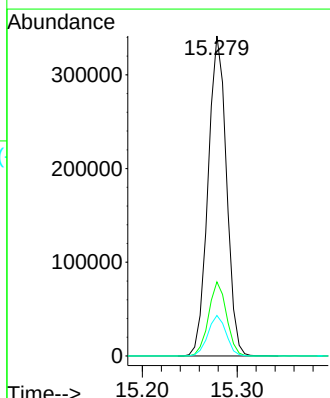
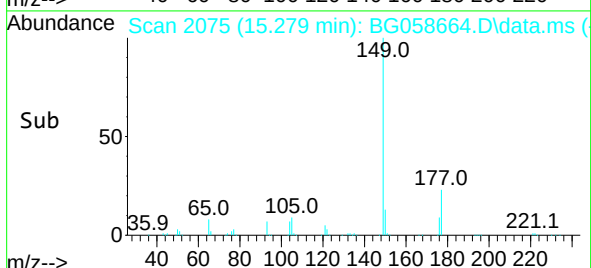
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

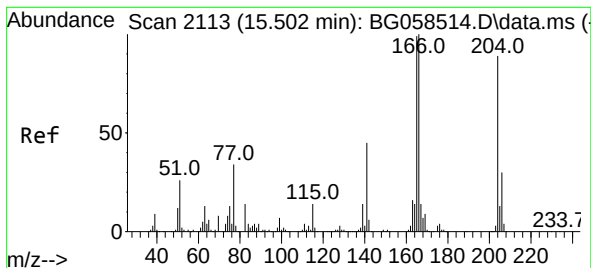


#60
Diethylphthalate
Concen: 42.970 ng
RT: 15.279 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40



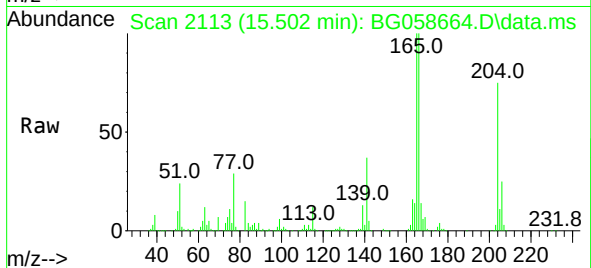
Tgt Ion:149 Resp: 459897
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.4
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 43.038 ng
RT: 15.502 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

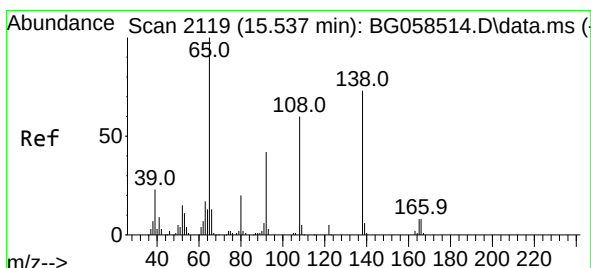
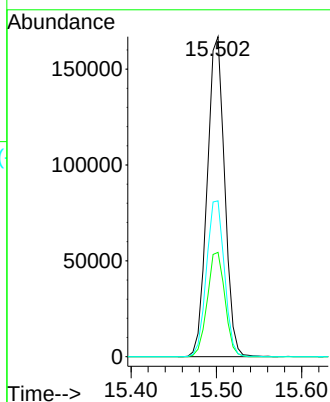
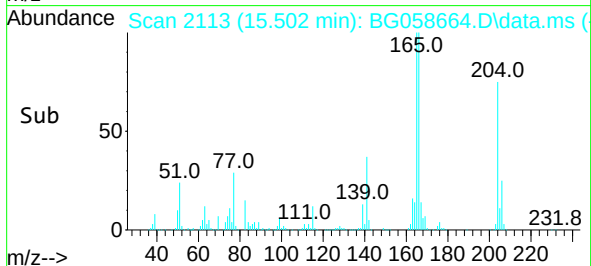
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



Tgt Ion:204 Resp: 23733
Ion Ratio Lower Upper
204 100
206 32.6 27.0 40.4
141 48.7 40.8 61.2

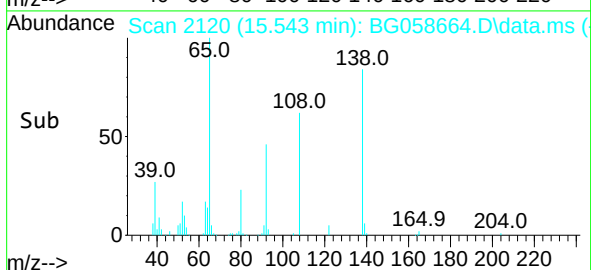
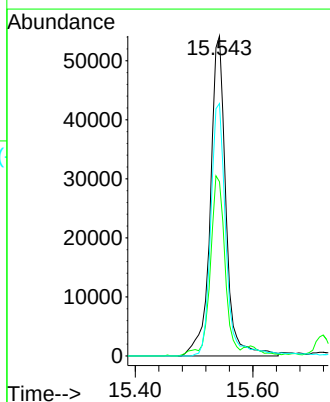
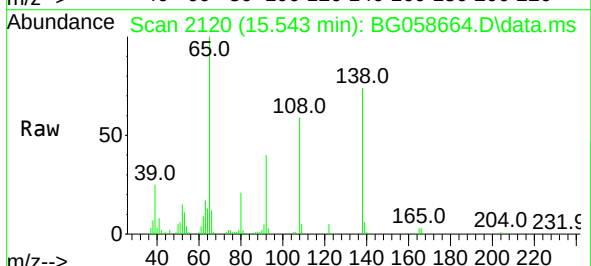
Manual Integrations
APPROVED

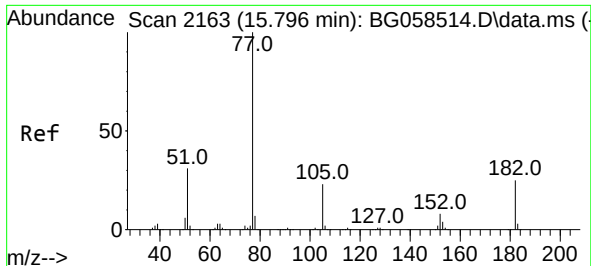
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#62
4-Nitroaniline
Concen: 45.665 ng
RT: 15.543 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

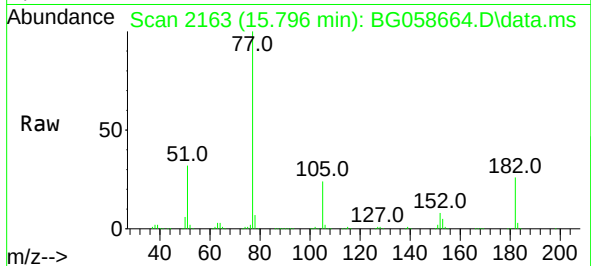
Tgt Ion:138 Resp: 99767
Ion Ratio Lower Upper
138 100
92 54.5 37.3 77.3
108 78.9 62.6 102.6





#63
Azobenzene
Concen: 43.272 ng
RT: 15.796 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

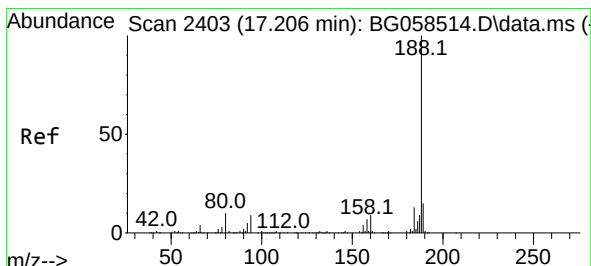
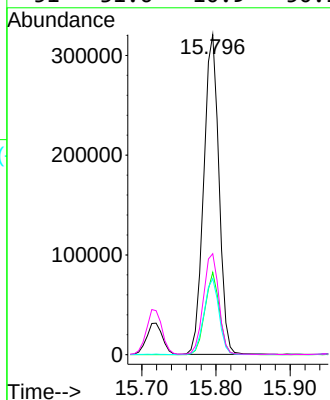
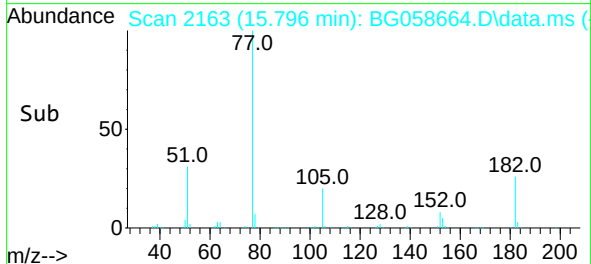
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



Tgt Ion: 77 Resp: 45616
Ion Ratio Lower Upper
77 100
182 25.7 4.6 44.6
105 23.8 3.3 43.3
51 31.6 10.9 50.9

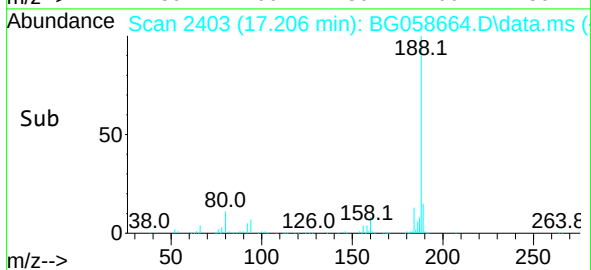
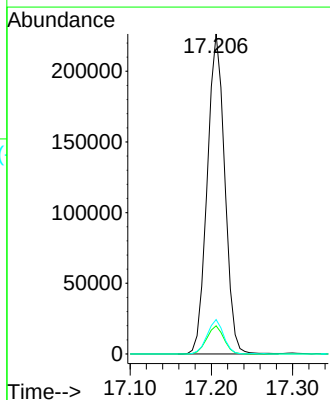
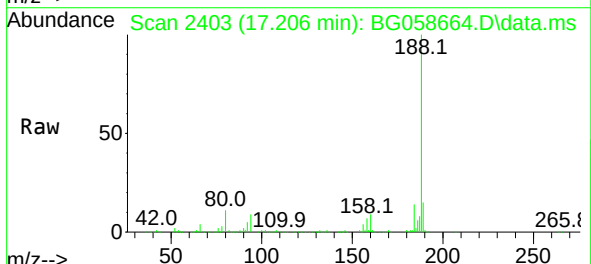
Manual Integrations
APPROVED

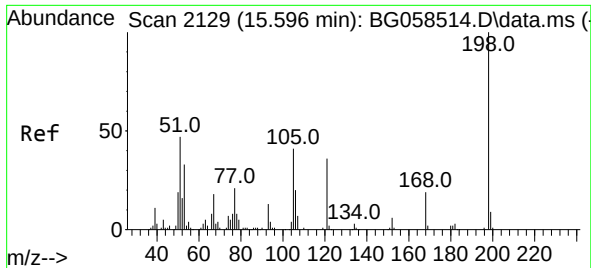
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:188 Resp: 338640
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 10.8 8.1 12.1





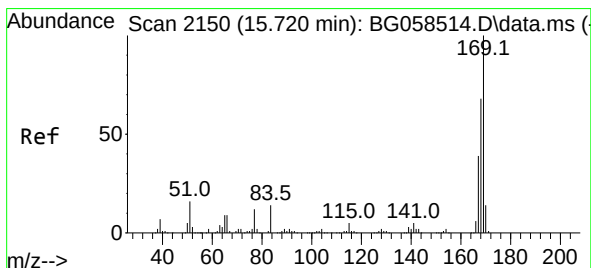
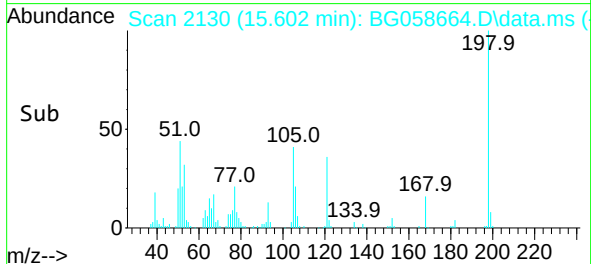
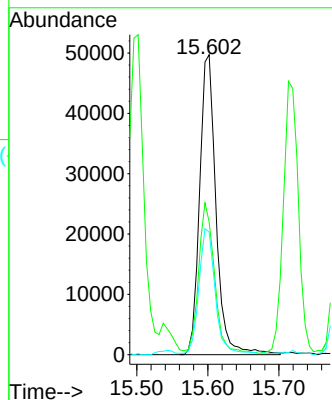
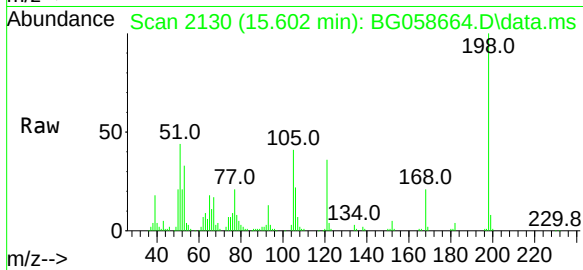
#65
4,6-Dinitro-2-methylphenol
Concen: 42.803 ng
RT: 15.602 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS

Tgt Ion:198 Resp: 7992
Ion Ratio Lower Upper
198 100
51 44.2 29.3 69.3
105 40.9 21.0 61.0

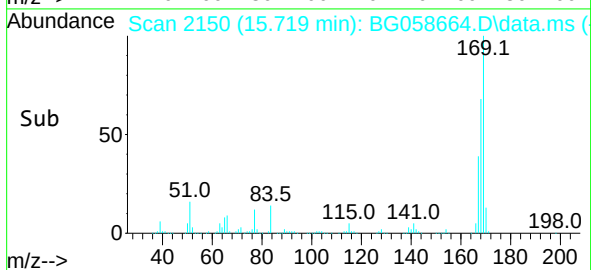
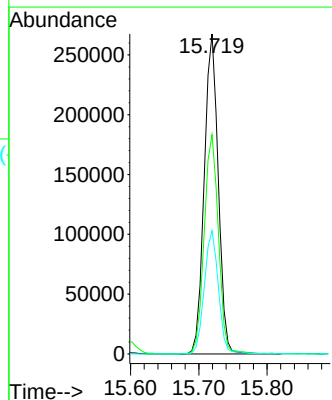
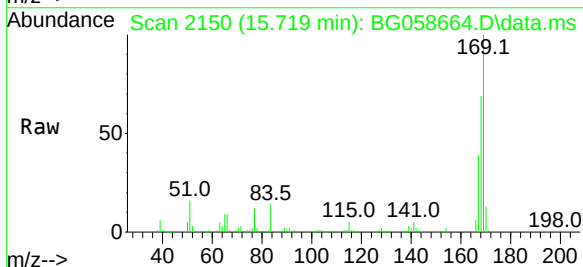
Manual Integrations
APPROVED

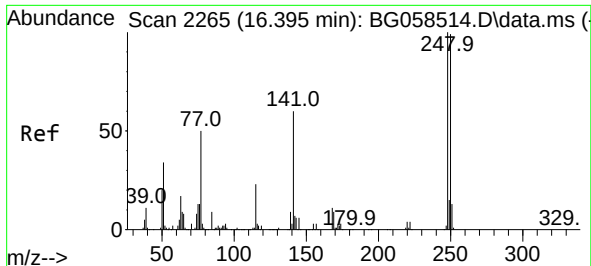
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#66
n-Nitrosodiphenylamine
Concen: 43.399 ng
RT: 15.719 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

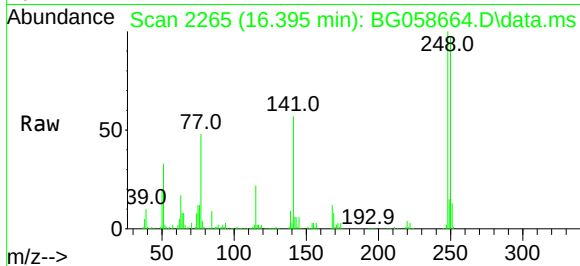
Tgt Ion:169 Resp: 382509
Ion Ratio Lower Upper
169 100
168 68.5 54.6 82.0
167 38.5 31.3 46.9





#67
4-Bromophenyl-phenylether
Concen: 42.726 ng
RT: 16.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

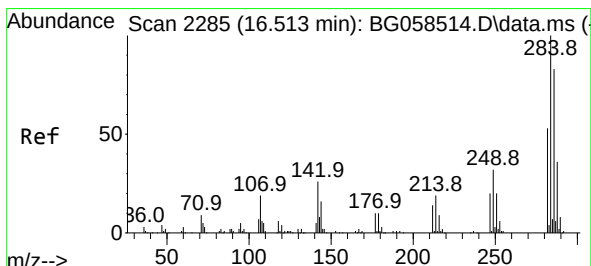
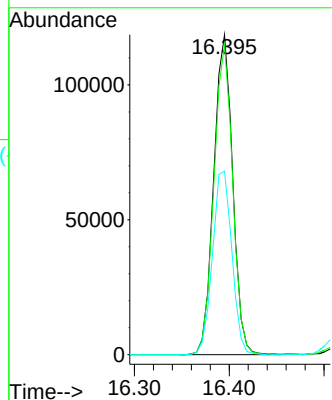
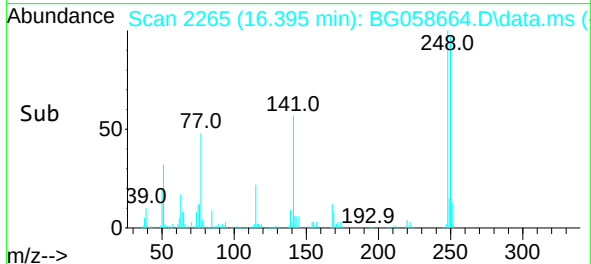
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



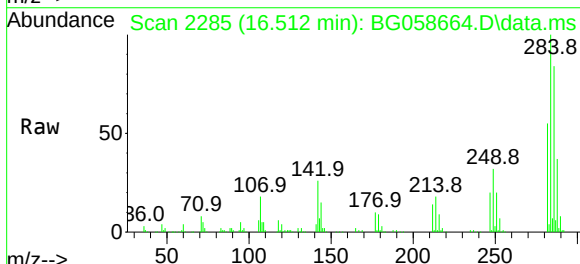
Tgt Ion:248 Resp: 164108
Ion Ratio Lower Upper
248 100
250 96.8 79.5 119.3
141 57.4 48.2 72.2

Manual Integrations
APPROVED

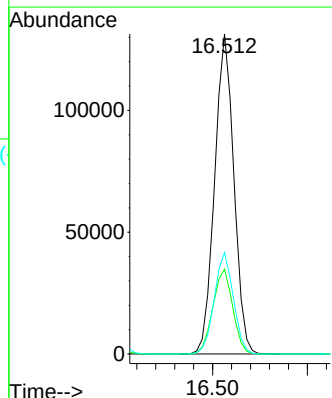
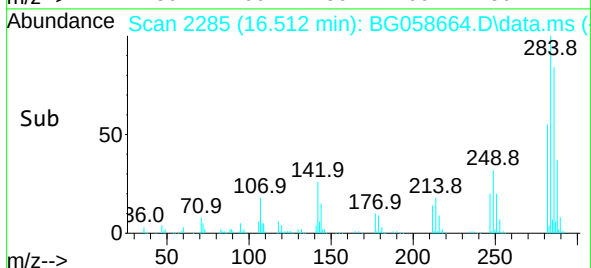
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

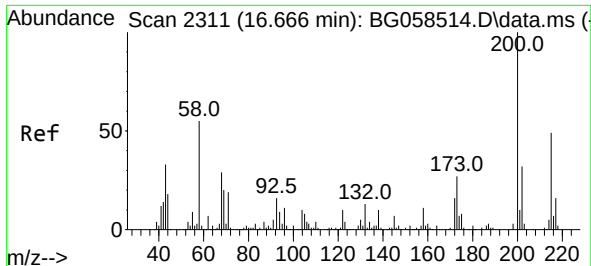


#68
Hexachlorobenzene
Concen: 45.478 ng
RT: 16.512 min Scan# 2285
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40



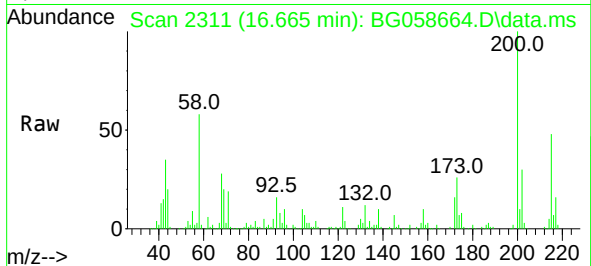
Tgt Ion:284 Resp: 185096
Ion Ratio Lower Upper
284 100
142 26.5 21.0 31.4
249 31.7 25.5 38.3





#69
 Atrazine
 Concen: 52.852 ng
 RT: 16.665 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: BG058664.D
 Acq: 9 Aug 2023 18:40

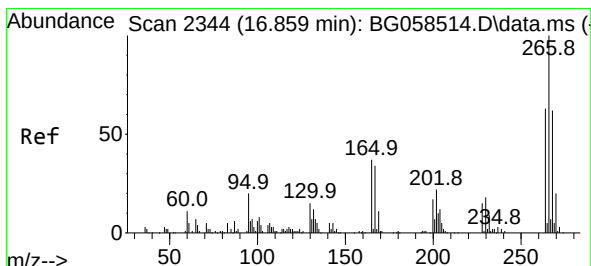
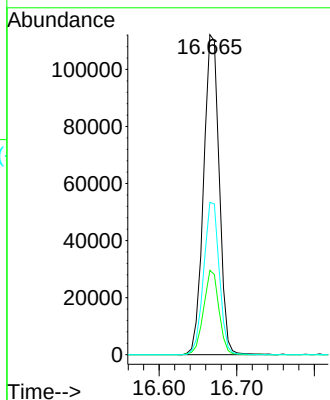
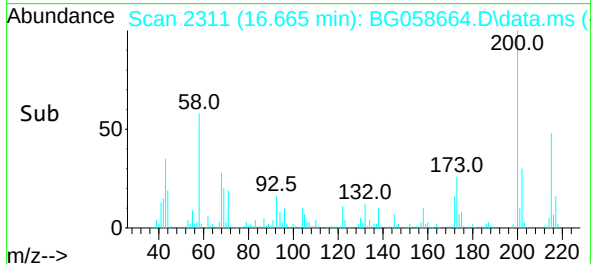
Instrument :
 BNA_G
 ClientSampleId :
 ORA-1745-1746-1747MS



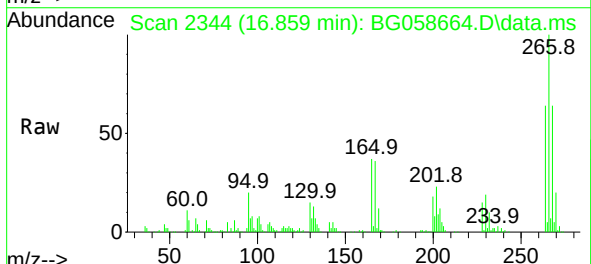
Tgt Ion:200 Resp: 15725
 Ion Ratio Lower Upper
 200 100
 173 26.3 6.5 46.5
 215 47.6 28.9 68.9

Manual Integrations
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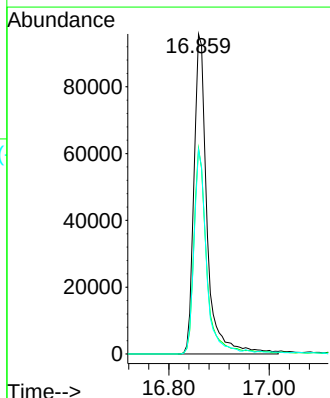
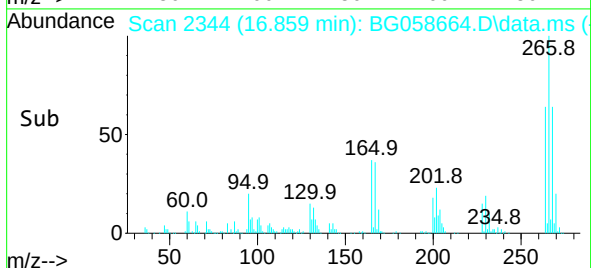
Reviewed By :Yogesh Patel 08/10/2023
 Supervised By :mohammad ahmed 08/10/2023

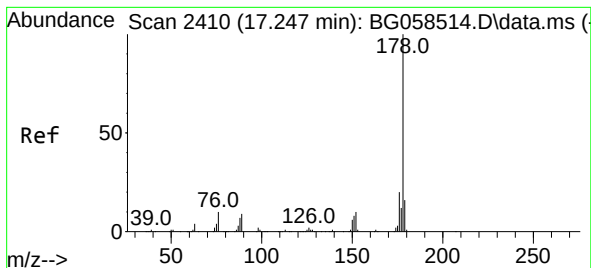


#70
 Pentachlorophenol
 Concen: 70.370 ng
 RT: 16.859 min Scan# 2344
 Delta R.T. 0.000 min
 Lab File: BG058664.D
 Acq: 9 Aug 2023 18:40



Tgt Ion:266 Resp: 173356
 Ion Ratio Lower Upper
 266 100
 268 64.3 49.9 74.9
 264 63.9 50.2 75.4





#71

Phenanthrene

Concen: 43.513 ng

RT: 17.247 min Scan# 2410

Delta R.T. -0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

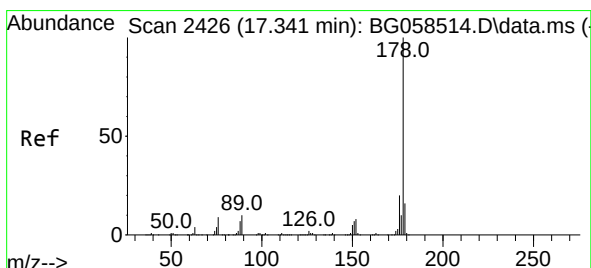
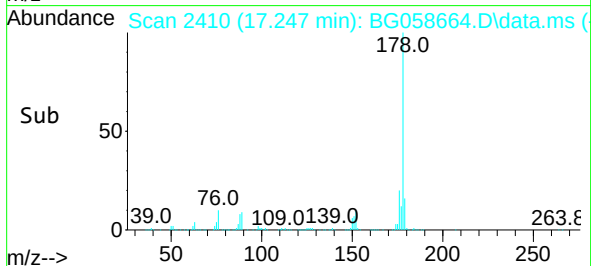
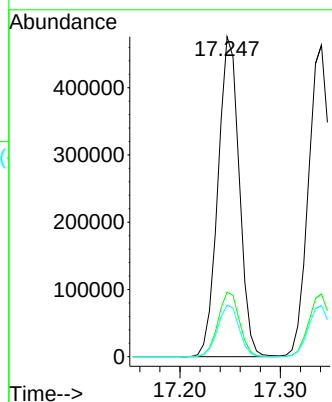
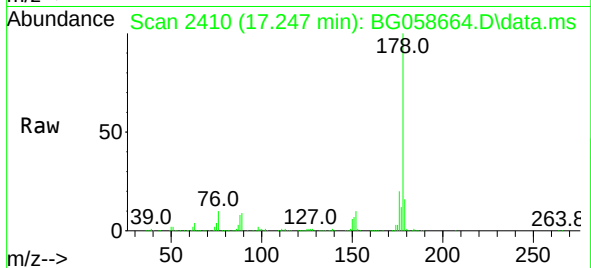
ORA-1745-1746-1747MS

Tgt Ion:178 Resp: 69881
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.3 24.5
 179 16.1 13.1 19.7

Manual Integrations

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Reviewed By :Yogesh Patel 08/10/2023
 Supervised By :mohammad ahmed 08/10/2023



#72

Anthracene

Concen: 42.968 ng

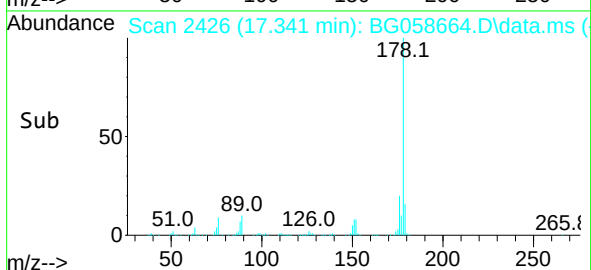
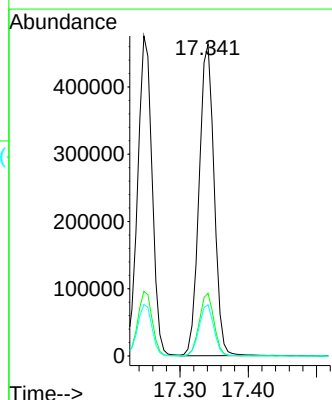
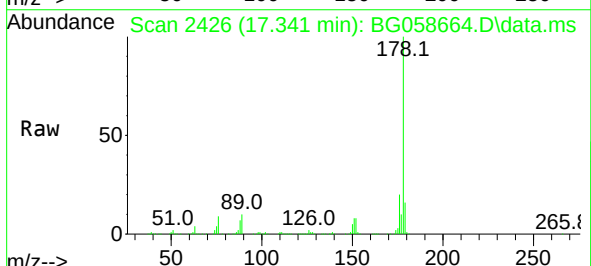
RT: 17.341 min Scan# 2426

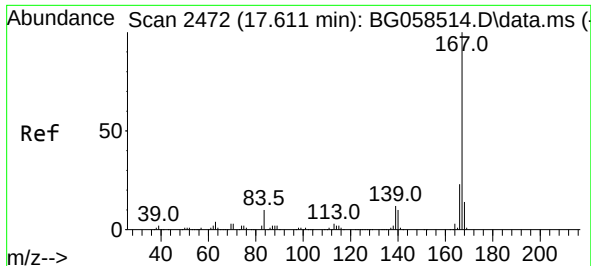
Delta R.T. -0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

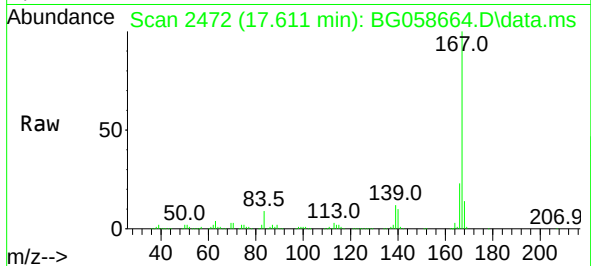
Tgt Ion:178 Resp: 708062
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 16.4 12.9 19.3





#73
 Carbazole
 Concen: 45.411 ng
 RT: 17.611 min Scan# 2472
 Delta R.T. -0.000 min
 Lab File: BG058664.D
 Acq: 9 Aug 2023 18:40

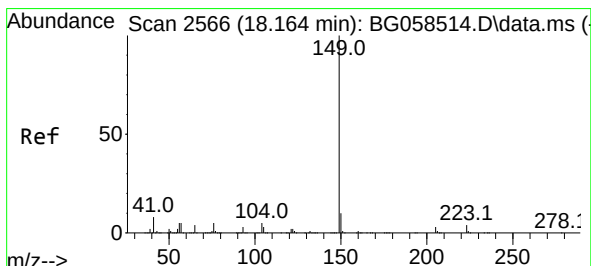
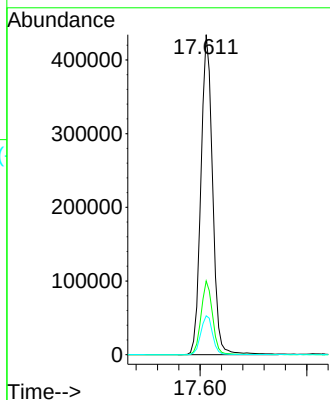
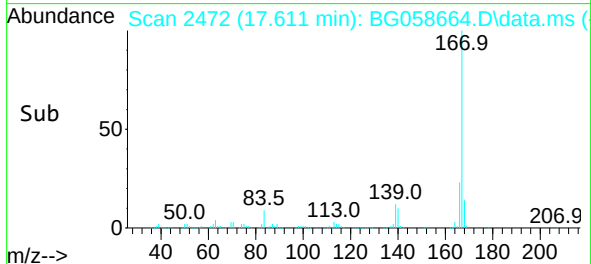
Instrument :
 BNA_G
 ClientSampleId :
 ORA-1745-1746-1747MS



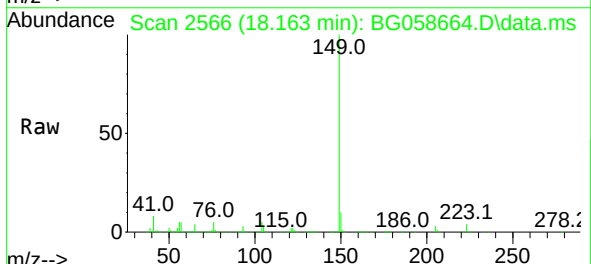
Tgt Ion:167 Resp: 65988
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.4 27.6
 139 12.1 10.0 15.0

Manual Integrations
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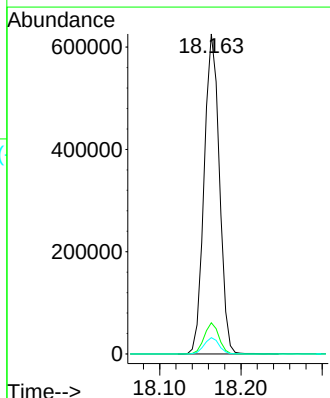
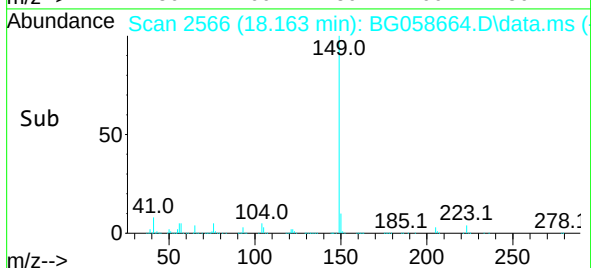
Reviewed By :Yogesh Patel 08/10/2023
 Supervised By :mohammad ahmed 08/10/2023

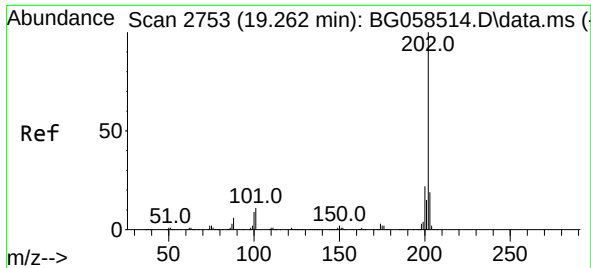


#74
 Di-n-butylphthalate
 Concen: 44.709 ng
 RT: 18.163 min Scan# 2566
 Delta R.T. -0.000 min
 Lab File: BG058664.D
 Acq: 9 Aug 2023 18:40



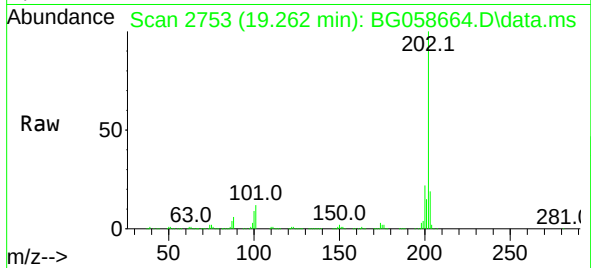
Tgt Ion:149 Resp: 813749
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 5.1 4.0 6.0





#75
Fluoranthene
Concen: 43.448 ng
RT: 19.262 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

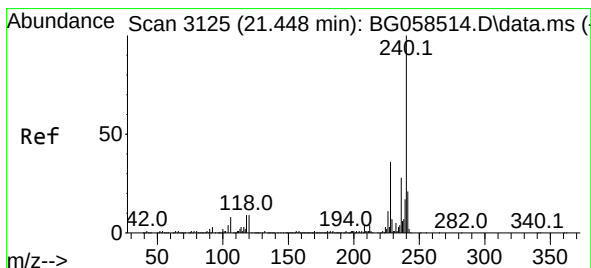
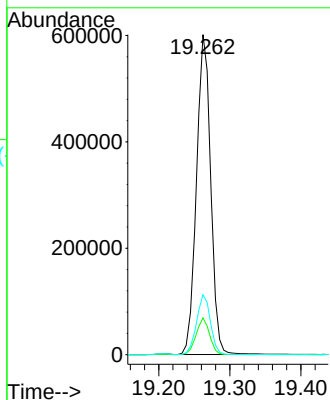
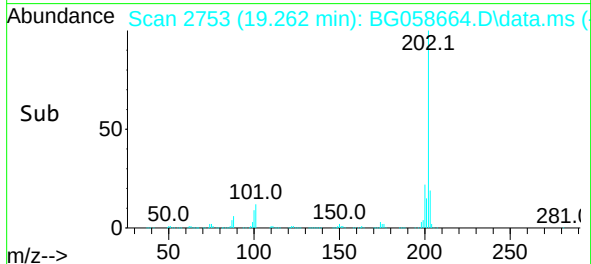
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



Tgt Ion:202 Resp: 838164
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 18.8 0.0 39.0

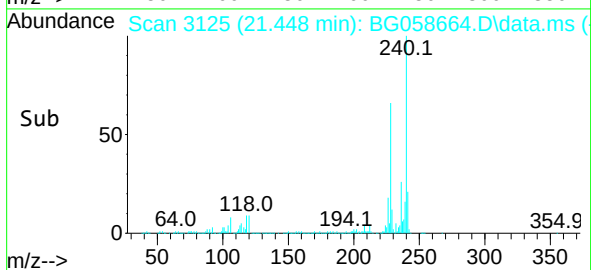
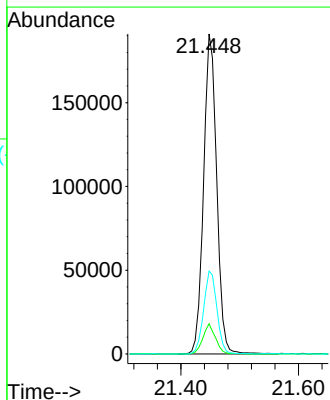
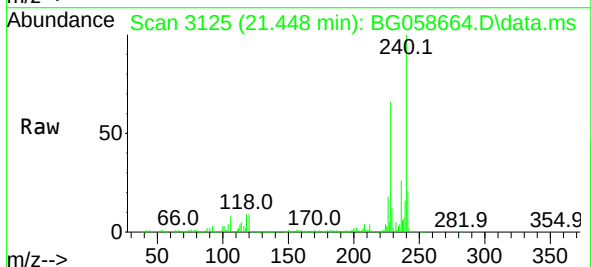
Manual Integrations
APPROVED

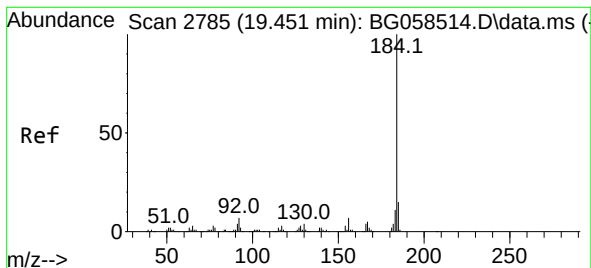
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:240 Resp: 295702
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 25.9 22.2 33.4





#77

Benzidine

Concen: 47.920 ng

RT: 19.450 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG058664.D

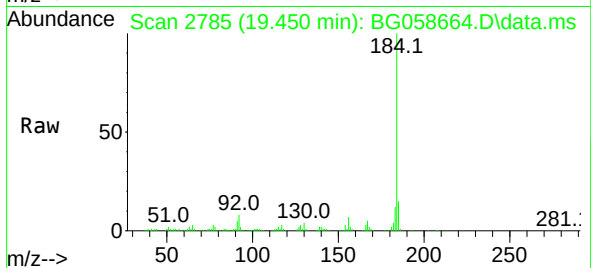
Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS



Tgt Ion:184 Resp: 214874

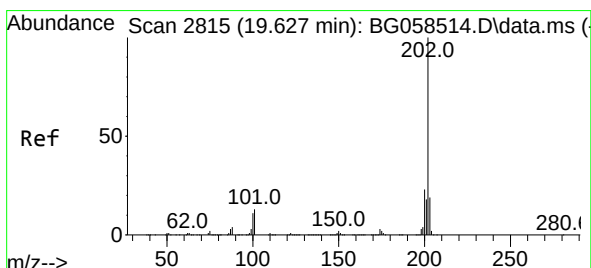
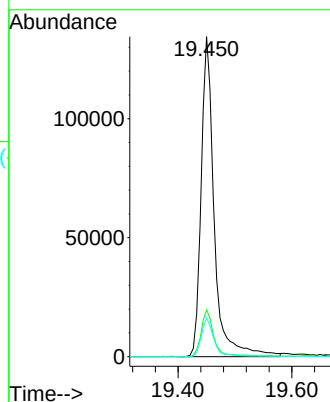
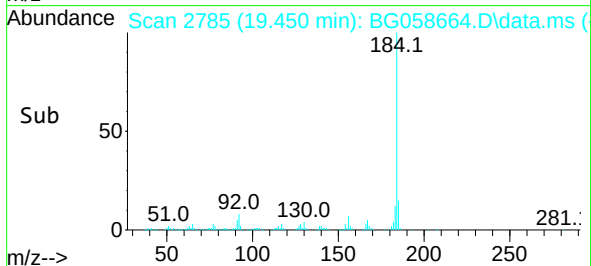
Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.9	17.9
183	12.1	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#78

Pyrene

Concen: 43.257 ng

RT: 19.626 min Scan# 2815

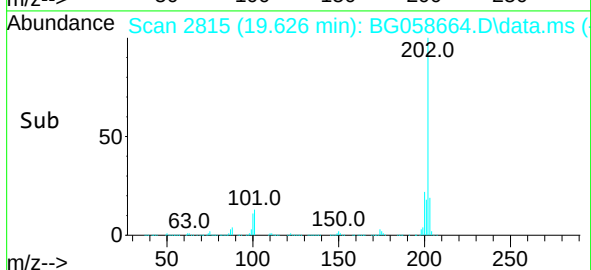
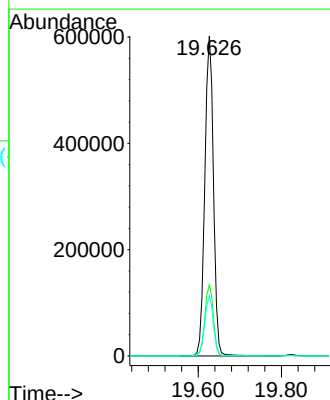
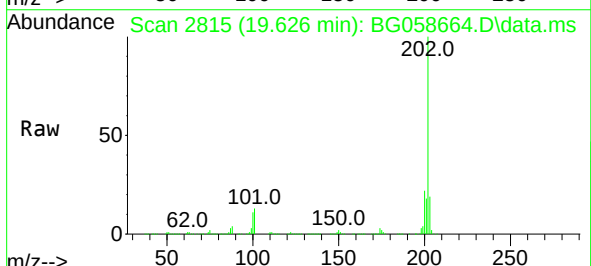
Delta R.T. -0.000 min

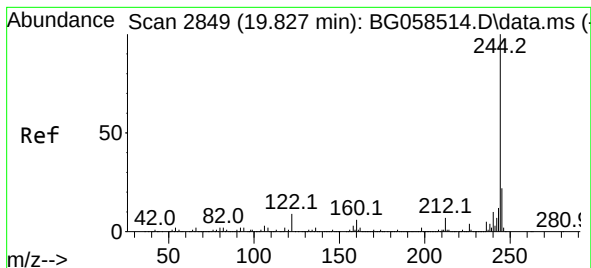
Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

Tgt Ion:202 Resp: 870510

Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.2	27.2
203	18.9	15.1	22.7





#79

Terphenyl-d14

Concen: 61.882 ng

RT: 19.826 min Scan# 2849

Delta R.T. -0.000 min

Lab File: BG058664.D

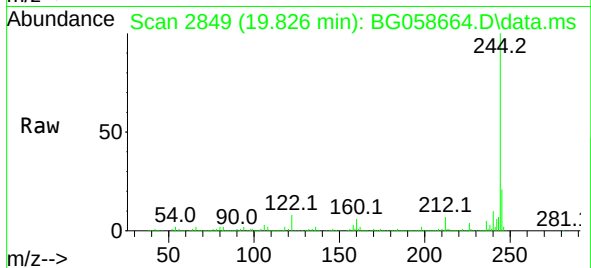
Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS



Tgt Ion:244 Resp: 973064

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

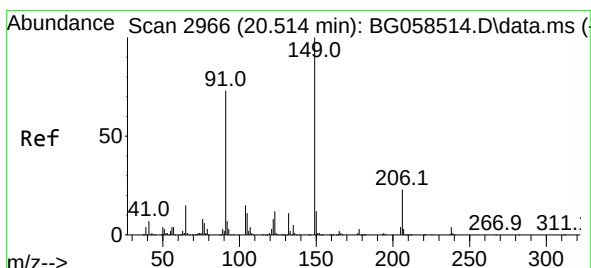
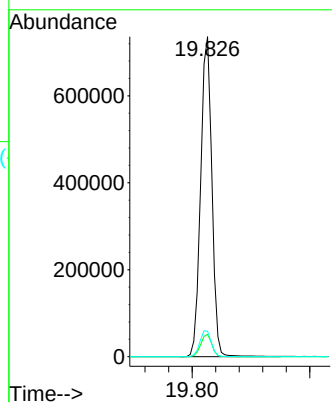
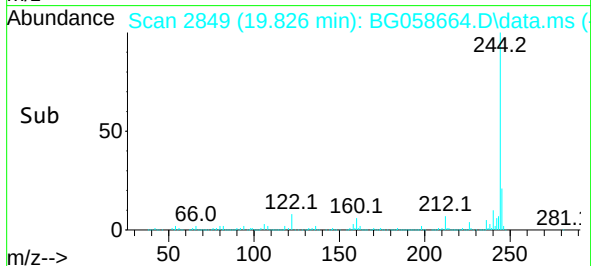
122 8.0 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#80

Butylbenzylphthalate

Concen: 43.267 ng

RT: 20.514 min Scan# 2966

Delta R.T. -0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

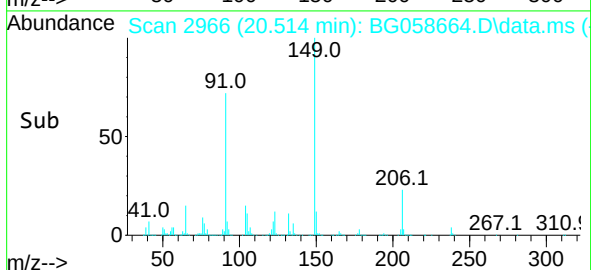
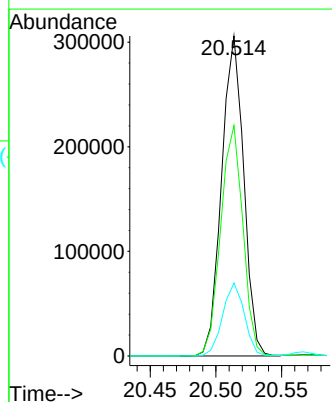
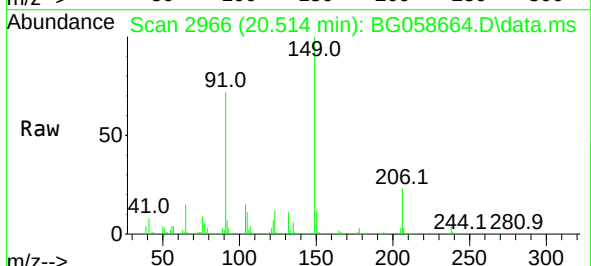
Tgt Ion:149 Resp: 357651

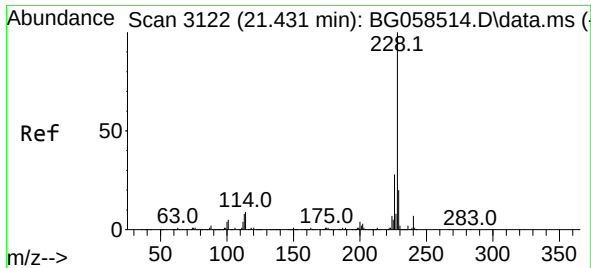
Ion Ratio Lower Upper

149 100

91 72.0 58.4 87.6

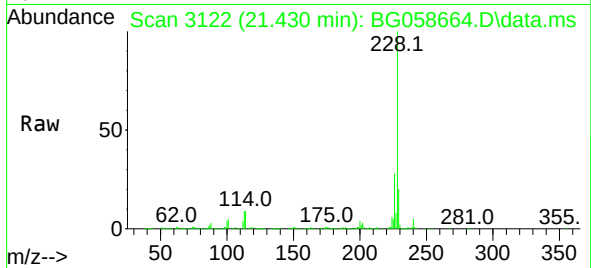
206 22.8 18.3 27.5





#81
Benzo(a)anthracene
Concen: 43.686 ng
RT: 21.430 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

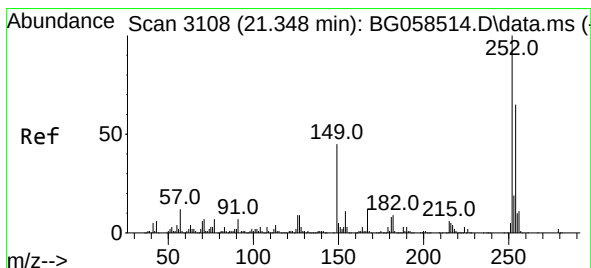
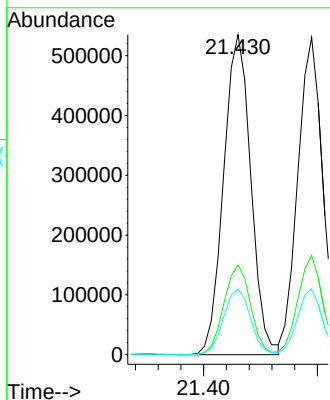
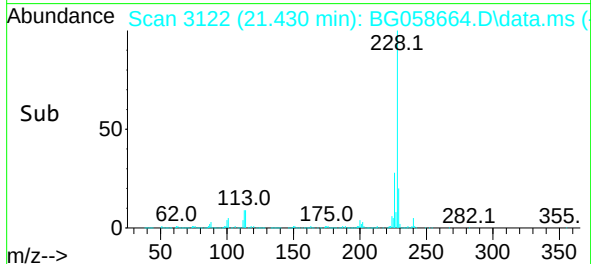
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



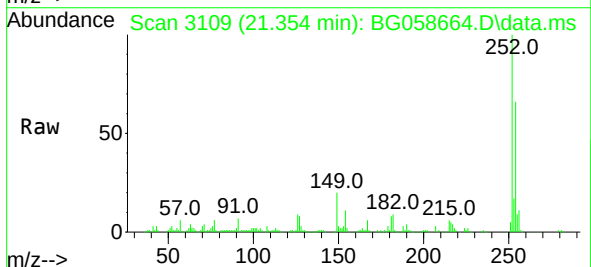
Tgt Ion:228 Resp: 889004
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.5 16.3 24.5

Manual Integrations
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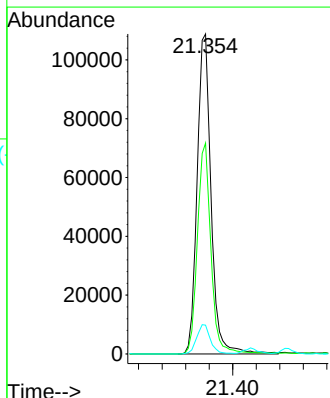
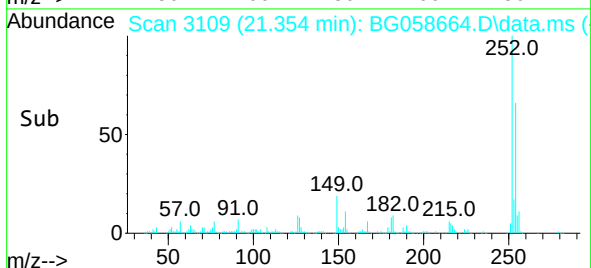
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

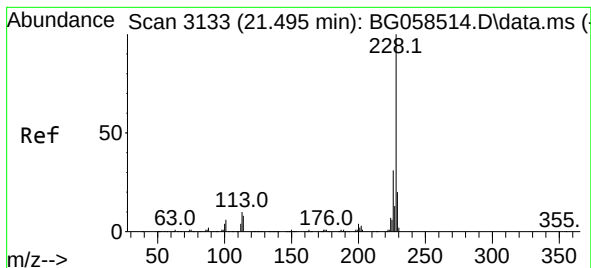


#82
3,3'-Dichlorobenzidine
Concen: 26.009 ng
RT: 21.354 min Scan# 3109
Delta R.T. 0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40



Tgt Ion:252 Resp: 178957
Ion Ratio Lower Upper
252 100
254 65.9 52.2 78.4
126 9.0 7.2 10.8





#83

Chrysene

Concen: 41.827 ng

RT: 21.495 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BG058664.D

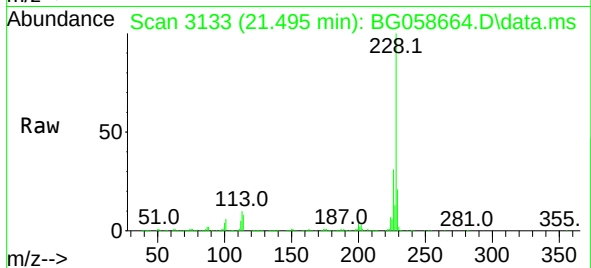
Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS



Tgt Ion:228 Resp: 816108

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

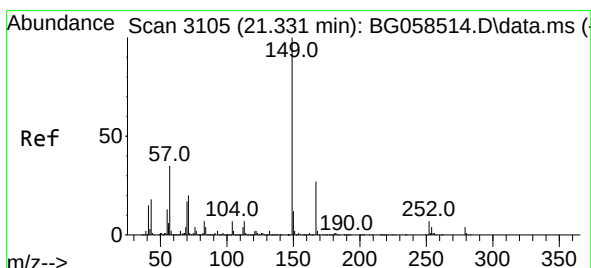
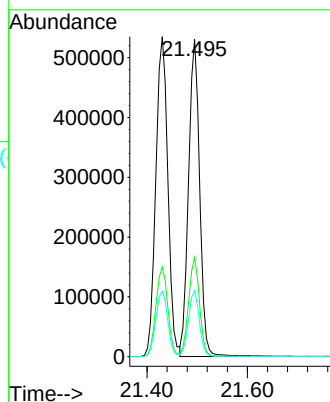
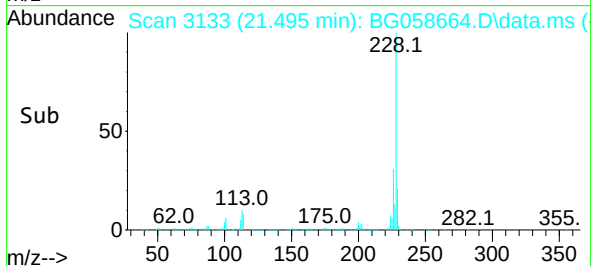
229 20.7 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.870 ng

RT: 21.330 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

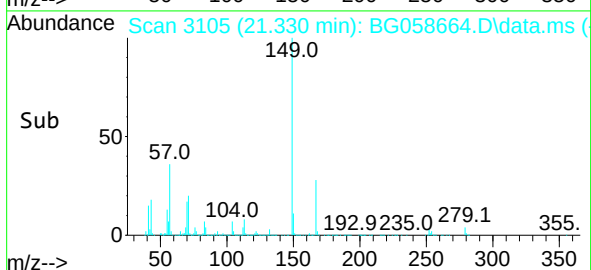
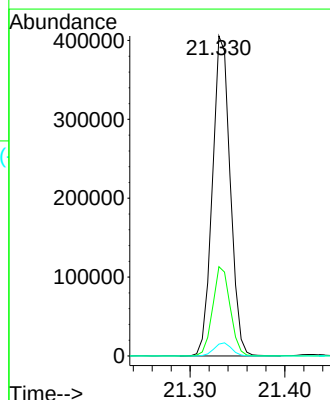
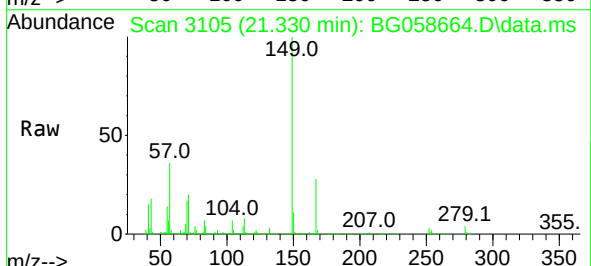
Tgt Ion:149 Resp: 529930

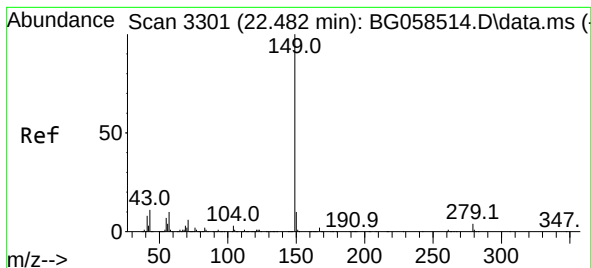
Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.8

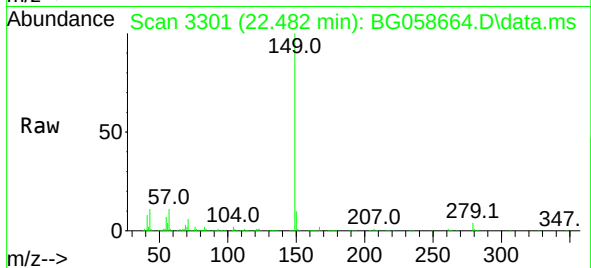
279 3.7 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 44.068 ng
RT: 22.482 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

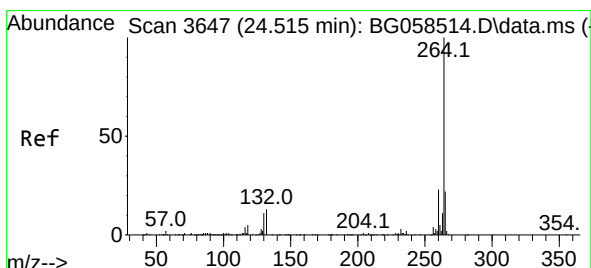
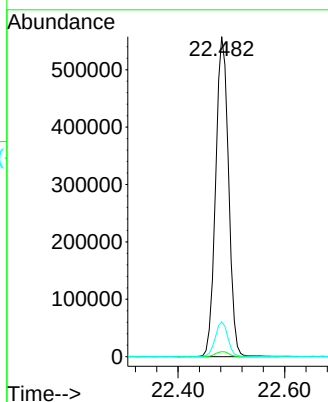
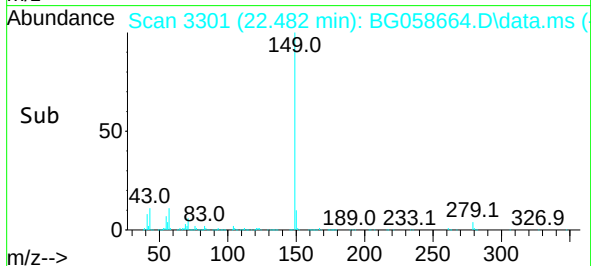
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



Tgt Ion:149 Resp: 93589
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.4 8.2 12.2

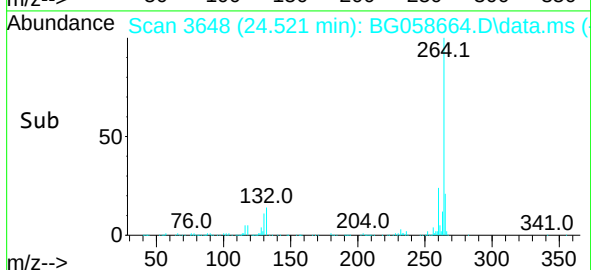
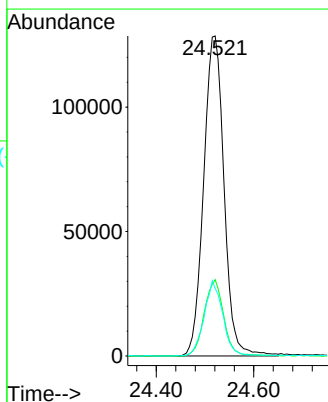
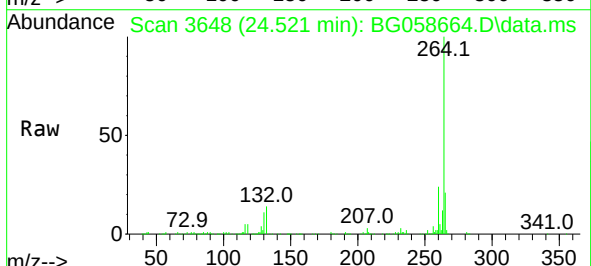
Manual Integrations
APPROVED

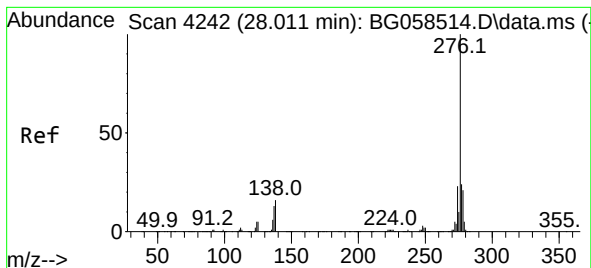
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.521 min Scan# 3648
Delta R.T. 0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

Tgt Ion:264 Resp: 373524
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 21.1 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.148 ng

RT: 28.017 min Scan# 41

Delta R.T. 0.006 min

Lab File: BG058664.D

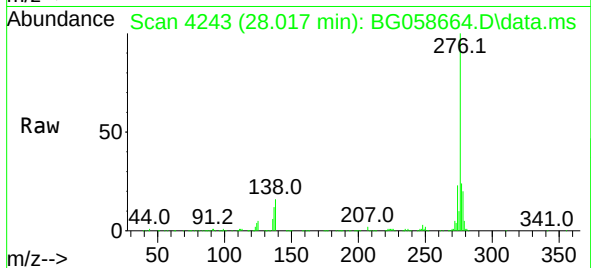
Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS



Tgt Ion:276 Resp: 109704

Ion Ratio Lower Upper

276 100

138 19.3 16.0 24.0

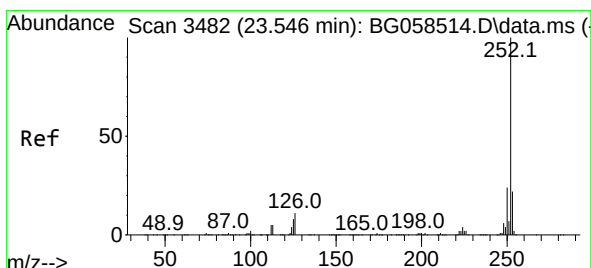
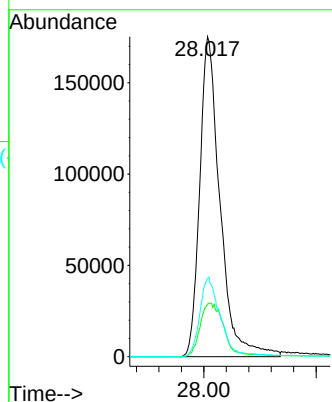
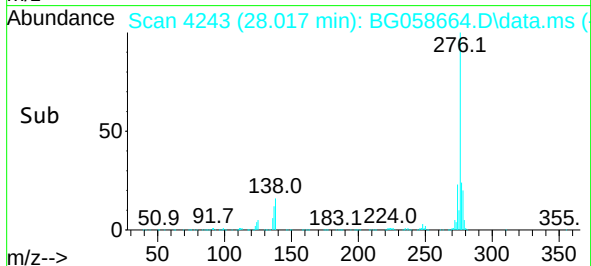
277 24.5 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#88

Benzo(b)fluoranthene

Concen: 46.371 ng

RT: 23.545 min Scan# 3482

Delta R.T. -0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

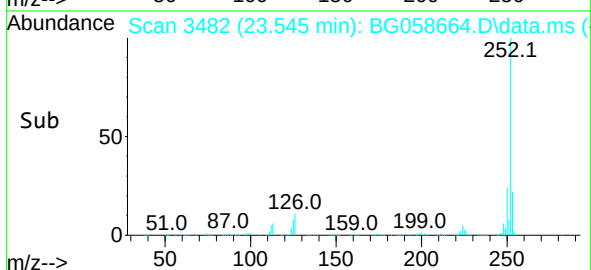
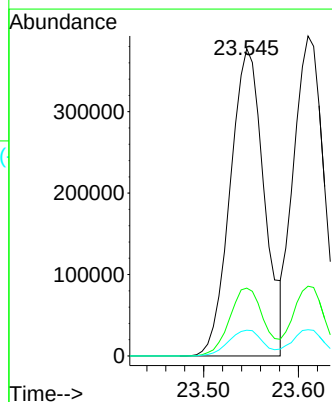
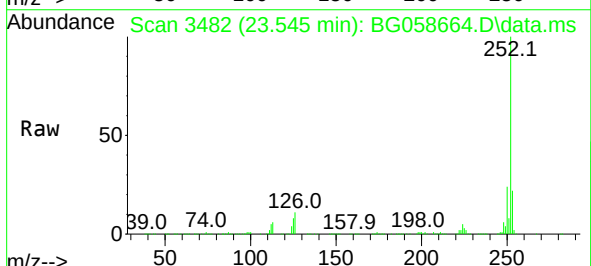
Tgt Ion:252 Resp: 939436

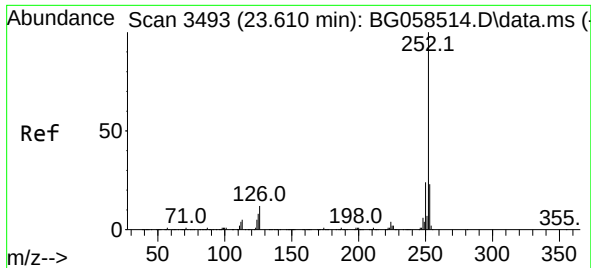
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

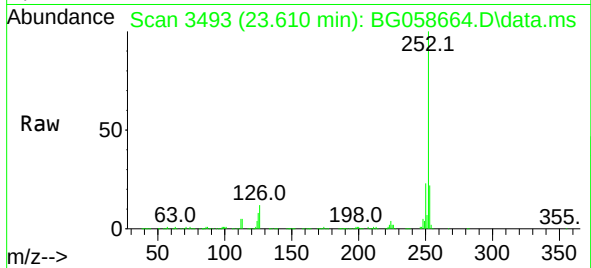
125 8.4 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 43.584 ng
RT: 23.610 min Scan# 3493
Delta R.T. -0.000 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40

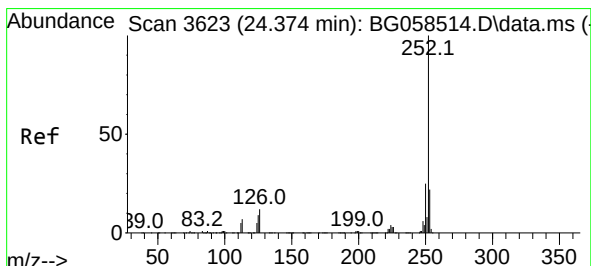
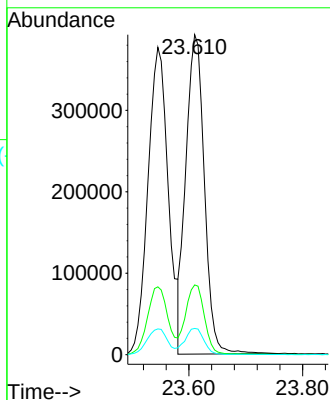
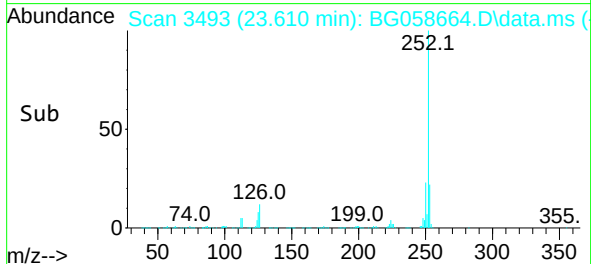
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MS



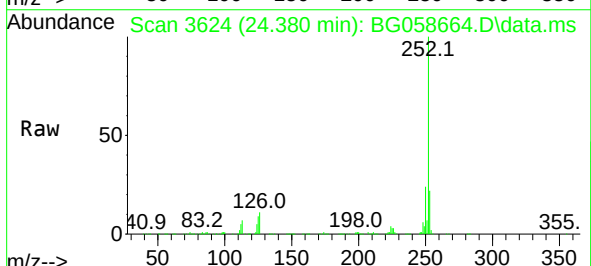
Tgt Ion:252 Resp: 887020
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 8.2 6.6 10.0

Manual Integrations
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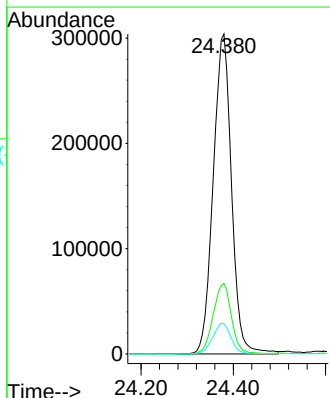
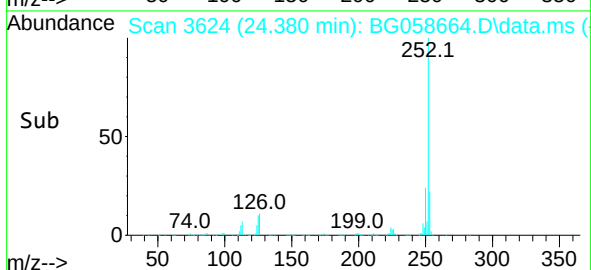
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

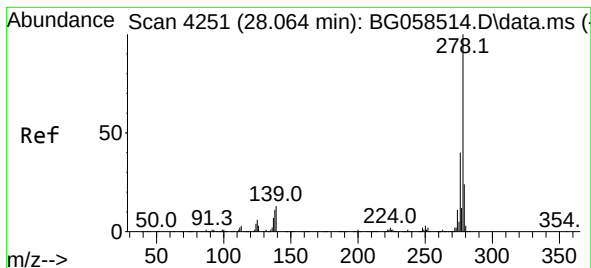


#90
Benzo(a)pyrene
Concen: 41.998 ng
RT: 24.380 min Scan# 3624
Delta R.T. 0.006 min
Lab File: BG058664.D
Acq: 9 Aug 2023 18:40



Tgt Ion:252 Resp: 835575
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.5 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 43.996 ng

RT: 28.075 min Scan# 41

Delta R.T. 0.011 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MS

Tgt Ion:278 Resp: 903992

Ion Ratio Lower Upper

278 100

139 13.1 10.4 15.6

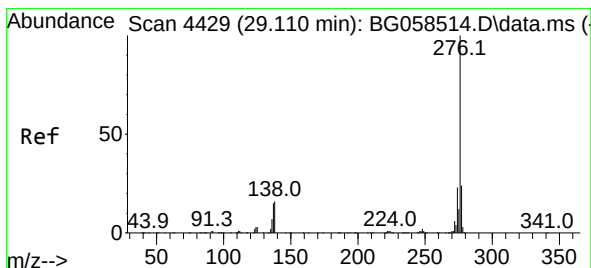
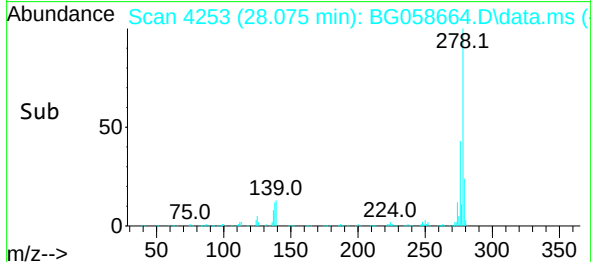
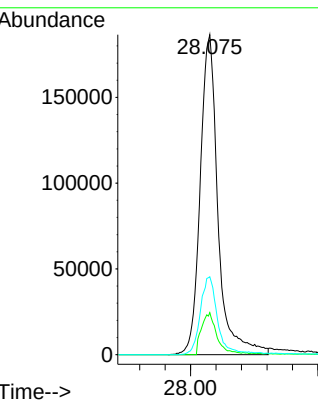
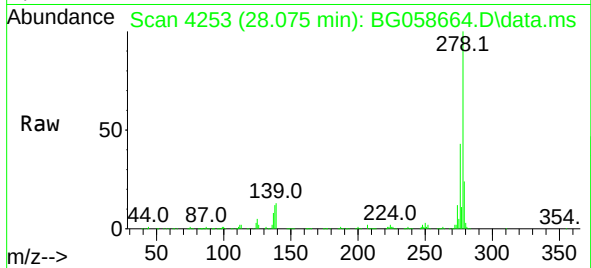
279 24.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#92

Benzo(g,h,i)perylene

Concen: 41.993 ng

RT: 29.109 min Scan# 4429

Delta R.T. -0.000 min

Lab File: BG058664.D

Acq: 9 Aug 2023 18:40

Tgt Ion:276 Resp: 865199

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 16.7 13.0 19.4

