

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
 Data File : BG058612.D
 Acq On : 4 Aug 2023 15:29
 Operator : MA/JU
 Sample : 03625-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR200018MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/07/2023

Quant Time: Aug 04 16:04:36 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	104641	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	442456	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	308226	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	692107	20.000	ng	0.00
76) Chrysene-d12	21.448	240	590619	20.000	ng	0.00
86) Perylene-d12	24.521	264	758454	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	443991	64.852	ng	0.00
7) Phenol-d6	6.989	99	579482	60.829	ng	0.00
23) Nitrobenzene-d5	8.980	82	403834	44.837	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	319395	63.221	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	893396	43.437	ng	0.00
79) Terphenyl-d14	19.826	244	1549196	49.326	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.281	88	54569	16.449	ng	Qvalue # 68
3) Pyridine	3.681	79	144165	15.939	ng	98
4) n-Nitrosodimethylamine	3.587	42	79311	20.696	ng	95
6) Aniline	7.141	93	126701	10.803	ng	99
8) 2-Chlorophenol	7.376	128	164401	24.478	ng	98
9) Benzaldehyde	6.947	77	60552	11.699	ng	98
10) Phenol	7.012	94	207251	22.271	ng	100
11) bis(2-Chloroethyl)ether	7.235	93	157140	21.419	ng	96
12) 1,3-Dichlorobenzene	7.699	146	142586	19.882	ng	99
13) 1,4-Dichlorobenzene	7.846	146	144437	20.058	ng	97
14) 1,2-Dichlorobenzene	8.164	146	146912	21.339	ng	99
15) Benzyl Alcohol	8.052	79	162467	26.892	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.340	45	269069	22.578	ng	99
17) 2-Methylphenol	8.264	107	154927	22.769	ng	98
18) Hexachloroethane	8.886	117	51981	19.860	ng	93
19) n-Nitroso-di-n-propyla...	8.622	70	136144	22.125	ng	99
20) 3+4-Methylphenols	8.593	107	216269	23.498	ng	97
22) Acetophenone	8.640	105	264017	22.285	ng	# 99
24) Nitrobenzene	9.021	77	201215	21.975	ng	98
25) Isophorone	9.539	82	404093	21.714	ng	99
26) 2-Nitrophenol	9.732	139	92228	23.139	ng	99
27) 2,4-Dimethylphenol	9.791	122	162367	24.559	ng	97
28) bis(2-Chloroethoxy)met...	10.020	93	233296	23.036	ng	100
29) 2,4-Dichlorophenol	10.267	162	173808	25.320	ng	98
30) 1,2,4-Trichlorobenzene	10.479	180	178501	22.548	ng	97
31) Naphthalene	10.667	128	502110	21.531	ng	100
32) Benzoic acid	9.909	122	17087m	7.626	ng	
33) 4-Chloroaniline	10.784	127	48144	4.886	ng	96
34) Hexachlorobutadiene	10.943	225	104150	20.429	ng	97
35) Caprolactam	11.566	113	52525m	20.721	ng	
36) 4-Chloro-3-methylphenol	11.912	107	210518	24.791	ng	97
37) 2-Methylnaphthalene	12.277	142	365331	21.901	ng	98
38) 1-Methylnaphthalene	12.500	142	345465	21.787	ng	99
40) 1,2,4,5-Tetrachloroben...	12.647	216	215748	22.800	ng	100
41) Hexachlorocyclopentadiene	12.623	237	103020	28.256	ng	97
43) 2,4,6-Trichlorophenol	12.893	196	157819	24.247	ng	97

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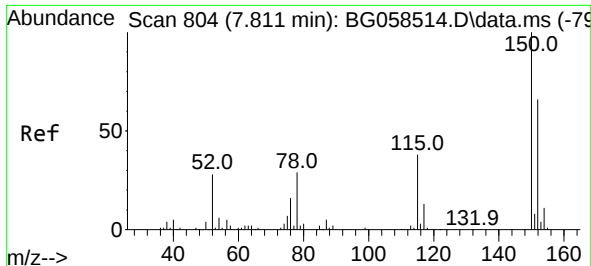
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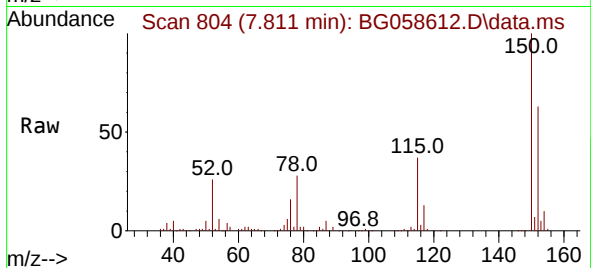
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.976	196	173476	22.629	ng	98
46) 1,1'-Biphenyl	13.293	154	489105	23.106	ng	98
47) 2-Chloronaphthalene	13.334	162	392542	23.784	ng	100
48) 2-Nitroaniline	13.546	65	155680	24.713	ng	97
49) Acenaphthylene	14.186	152	630929	22.833	ng	100
50) Dimethylphthalate	13.922	163	539117	23.289	ng	100
51) 2,6-Dinitrotoluene	14.045	165	121065	23.835	ng	98
52) Acenaphthene	14.527	154	369069	23.115	ng	98
53) 3-Nitroaniline	14.374	138	79500	15.644	ng	98
54) 2,4-Dinitrophenol	14.591	184	28611	16.542	ng	96
55) Dibenzofuran	14.862	168	633239	23.081	ng	100
56) 4-Nitrophenol	14.697	139	155007	42.779	ng	97
57) 2,4-Dinitrotoluene	14.832	165	167898	23.844	ng	98
58) Fluorene	15.508	166	499384	22.913	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.091	232	155547	23.778	ng	97
60) Diethylphthalate	15.279	149	531511	22.538	ng	99
61) 4-Chlorophenyl-phenyle...	15.502	204	276438	22.750	ng	99
62) 4-Nitroaniline	15.543	138	116388	24.177	ng	97
63) Azobenzene	15.796	77	531786	22.894	ng	98
65) 4,6-Dinitro-2-methylph...	15.602	198	38754	10.155	ng	95
66) n-Nitrosodiphenylamine	15.720	169	441178	24.491	ng	98
67) 4-Bromophenyl-phenylether	16.395	248	191226	24.360	ng	100
68) Hexachlorobenzene	16.513	284	212286	25.520	ng	99
69) Atrazine	16.671	200	176770	29.069	ng	98
70) Pentachlorophenol	16.865	266	126379	25.101	ng	97
71) Phenanthrene	17.247	178	785822	23.941	ng	99
72) Anthracene	17.341	178	800643	23.773	ng	99
73) Carbazole	17.611	167	748988	25.219	ng	99
74) Di-n-butylphthalate	18.164	149	918548	24.693	ng	100
75) Fluoranthene	19.262	202	941946	23.891	ng	100
77) Benzidine	19.450	184	119254	13.315	ng	97
78) Pyrene	19.627	202	971378	24.167	ng	99
80) Butylbenzylphthalate	20.514	149	414504	25.106	ng	99
81) Benzo(a)anthracene	21.430	228	993920	24.453	ng	99
82) 3,3'-Dichlorobenzidine	21.348	252	249328	18.143	ng	99
83) Chrysene	21.495	228	930035	23.865	ng	100
84) Bis(2-ethylhexyl)phtha...	21.336	149	596611	24.728	ng	98
85) Di-n-octyl phthalate	22.482	149	1067601	25.168	ng	100
87) Indeno(1,2,3-cd)pyrene	28.017	276	1213488	24.050	ng	# 81
88) Benzo(b)fluoranthene	23.546	252	1082070	26.304	ng	98
89) Benzo(k)fluoranthene	23.610	252	1032439	24.983	ng	99
90) Benzo(a)pyrene	24.374	252	953111	23.592	ng	99
91) Dibenzo(a,h)anthracene	28.070	278	1044885	25.044	ng	100
92) Benzo(g,h,i)perylene	29.116	276	960339	22.955	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# 804
Delta R.T. 0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

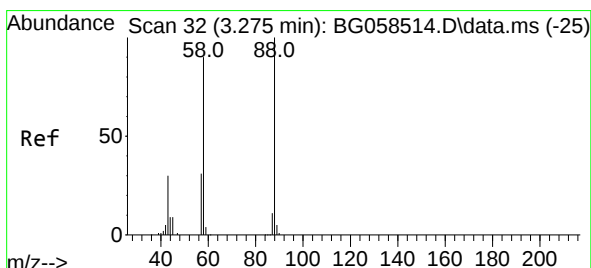
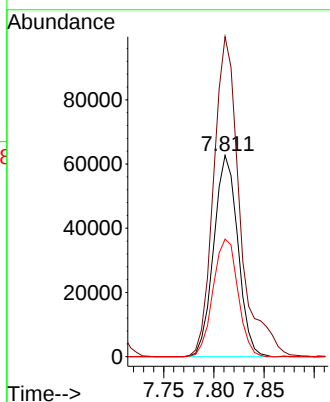
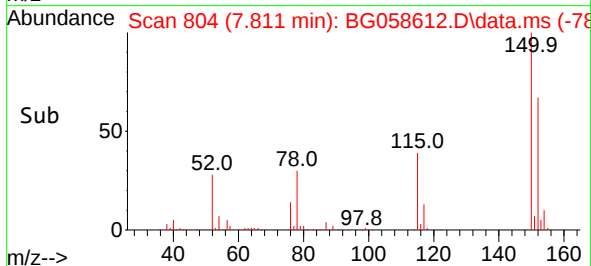
Instrument :
BNA_G
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RBR200018MSD



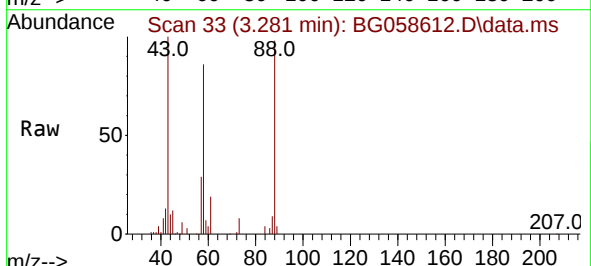
Tgt Ion:152 Resp: 10464
Ion Ratio Lower Upper
152 100
150 159.0 120.5 180.7
115 58.5 45.9 68.9

Manual Integrations
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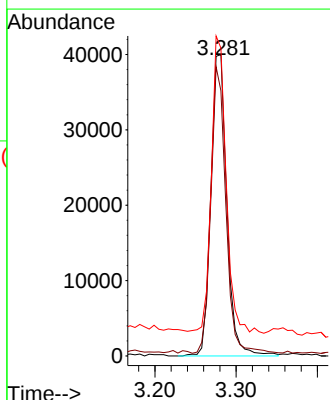
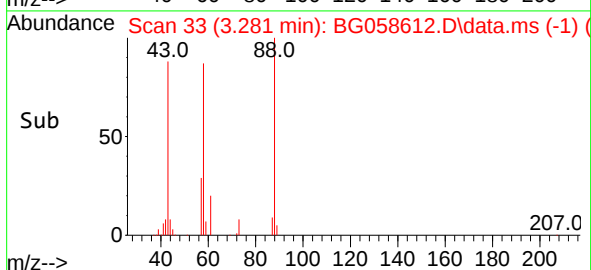
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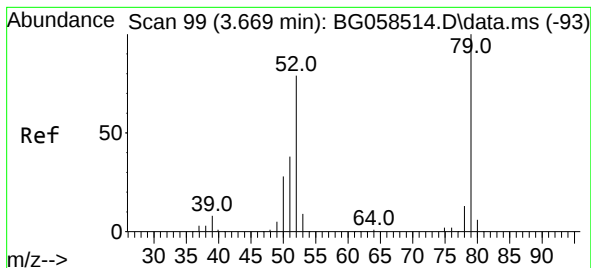


#2
1,4-Dioxane
Concen: 16.449 ng
RT: 3.281 min Scan# 33
Delta R.T. 0.006 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29



Tgt Ion: 88 Resp: 54569
Ion Ratio Lower Upper
88 100
58 88.8 68.9 103.3
43 91.1 22.9 34.3#





#3

Pyridine

Concen: 15.939 ng

RT: 3.681 min Scan# 101

Delta R.T. 0.012 min

Lab File: BG058612.D

Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

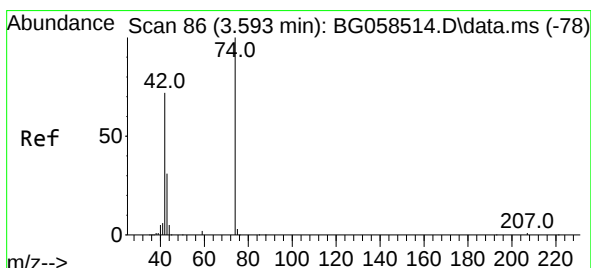
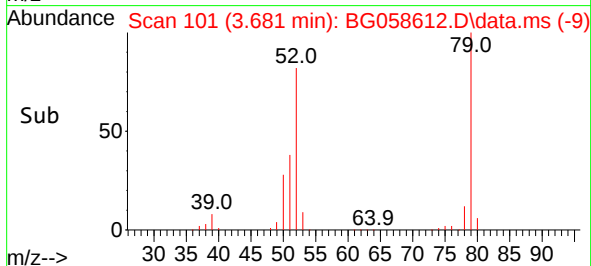
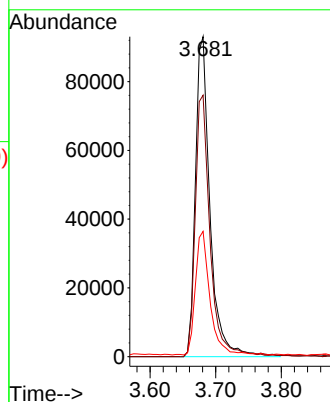
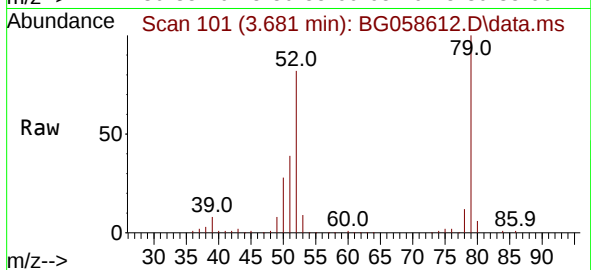
ClientSampleId :

RBR200018MSD

Tgt Ion:	79	Resp:	14416
Ion Ratio	Lower	Upper	
79	100		
52	81.7	63.2	94.8
51	39.2	31.9	47.9

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#4

n-Nitrosodimethylamine

Concen: 20.696 ng

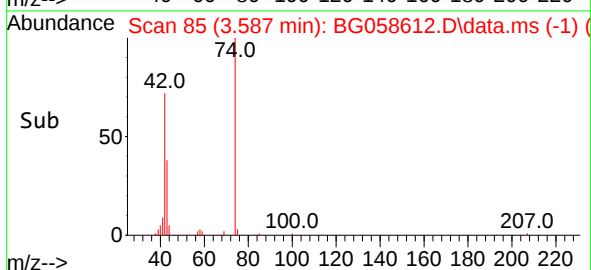
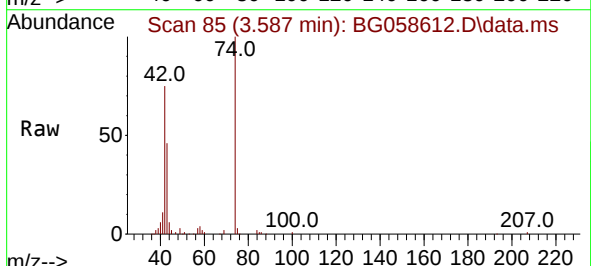
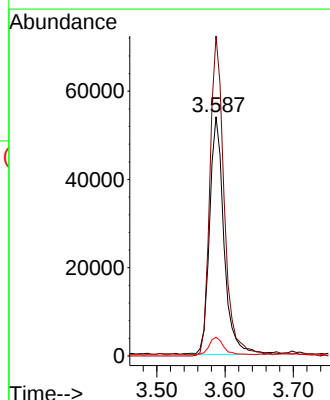
RT: 3.587 min Scan# 85

Delta R.T. -0.006 min

Lab File: BG058612.D

Acq: 4 Aug 2023 15:29

Tgt Ion:	42	Resp:	79311
Ion Ratio	Lower	Upper	
42	100		
74	133.7	111.5	167.3
44	7.8	5.4	8.2





#5
2-Fluorophenol
Concen: 64.852 ng
RT: 5.385 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

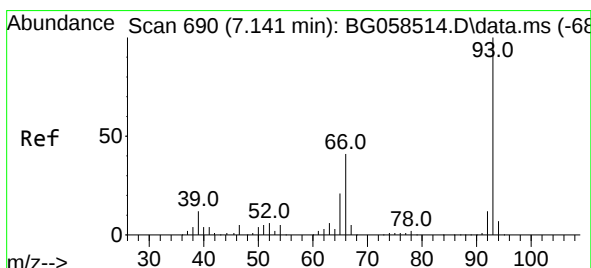
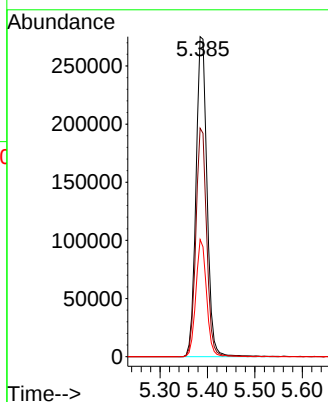
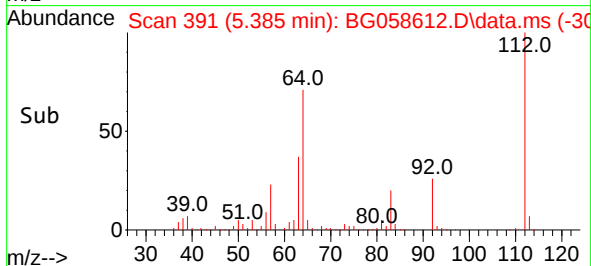
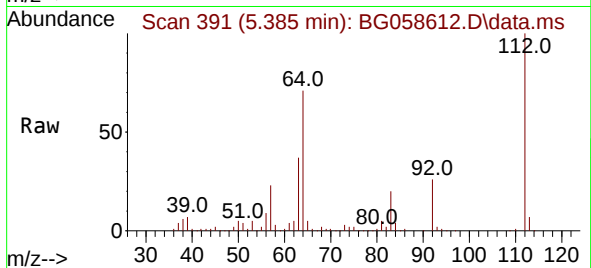
RBR200018MSD

Tgt Ion:112 Resp: 44399
Ion Ratio Lower Upper
112 100
64 71.4 55.3 82.9
63 36.6 28.3 42.5

Manual Integrations

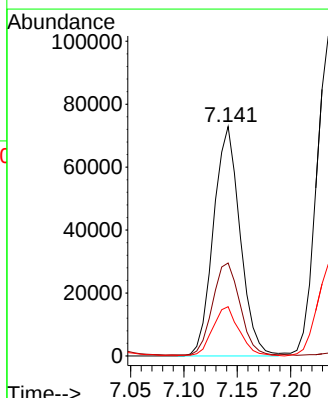
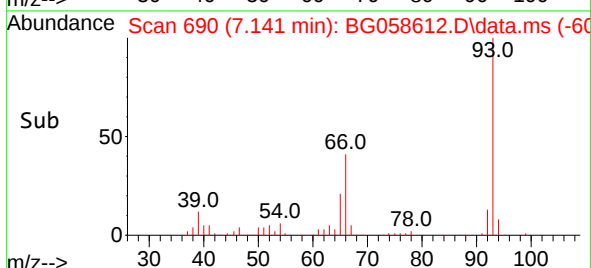
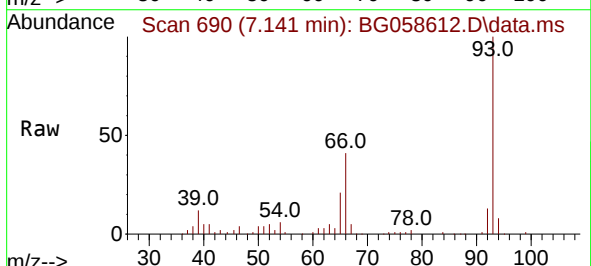
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#6
Aniline
Concen: 10.803 ng
RT: 7.141 min Scan# 690
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Tgt Ion: 93 Resp: 126701
Ion Ratio Lower Upper
93 100
66 40.5 33.1 49.7
65 21.5 17.0 25.4





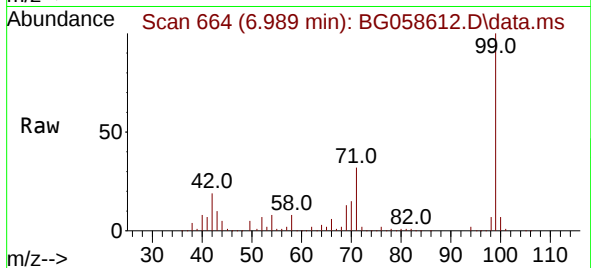
#7
Phenol-d6
Concen: 60.829 ng
RT: 6.989 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD



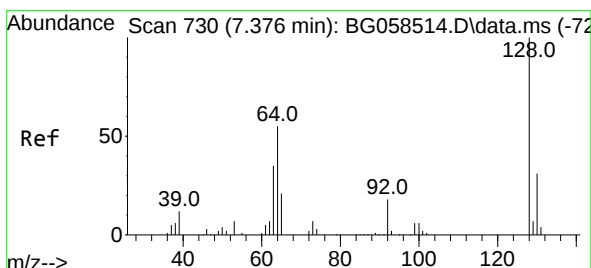
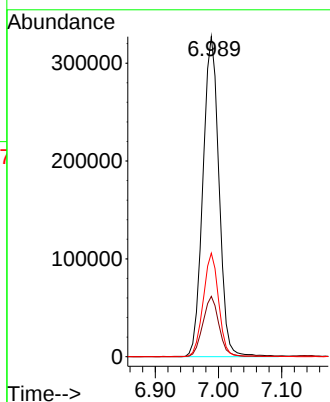
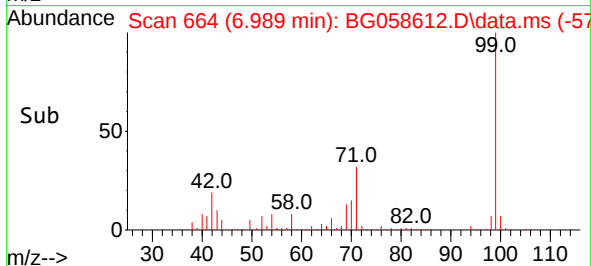
Tgt Ion: 99 Resp: 57948
Ion Ratio Lower Upper
99 100
42 18.9 14.6 21.8
71 32.4 25.0 37.4

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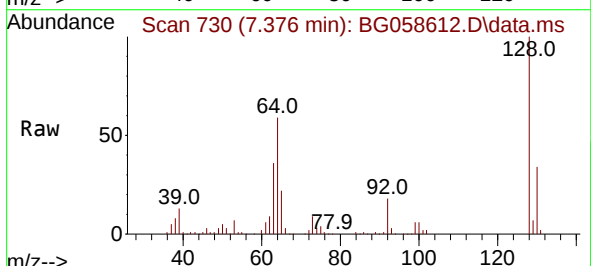
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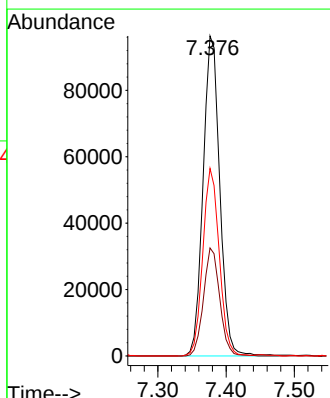
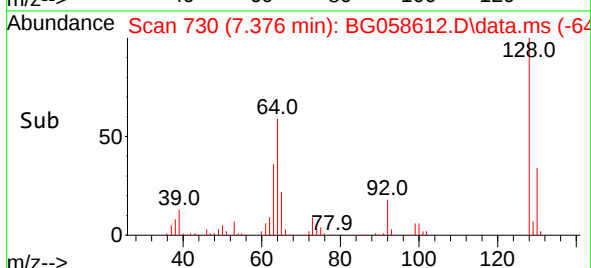
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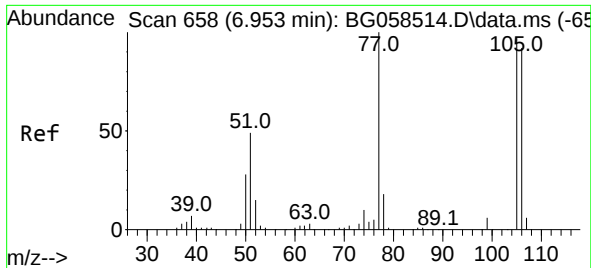


#8
2-Chlorophenol
Concen: 24.478 ng
RT: 7.376 min Scan# 730
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29



Tgt Ion:128 Resp: 164401
Ion Ratio Lower Upper
128 100
130 33.7 10.9 50.9
64 58.6 39.0 79.0





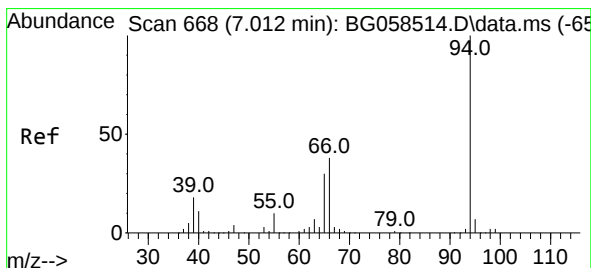
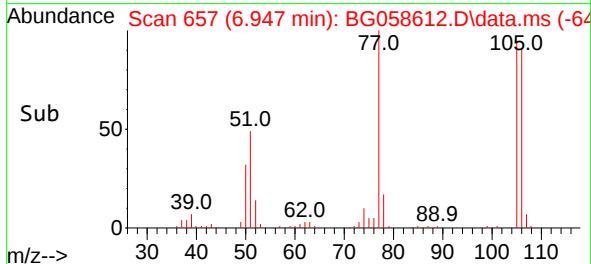
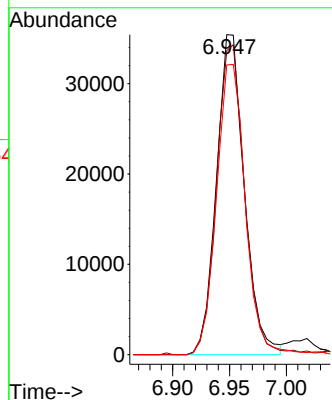
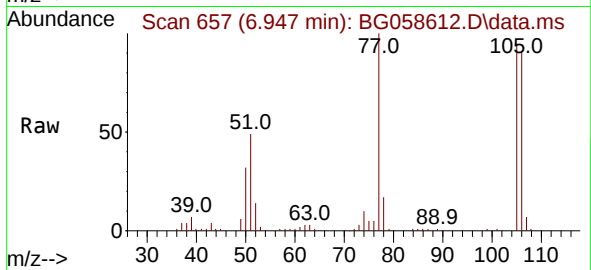
#9
Benzaldehyde
Concen: 11.699 ng
RT: 6.947 min Scan# 60552
Delta R.T. -0.006 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :
BNA_G
ClientSampleId :
RBR200018MSD

Tgt Ion: 77 Resp: 60552
Ion Ratio Lower Upper
77 100
105 95.0 77.1 117.1
106 90.6 71.6 111.6

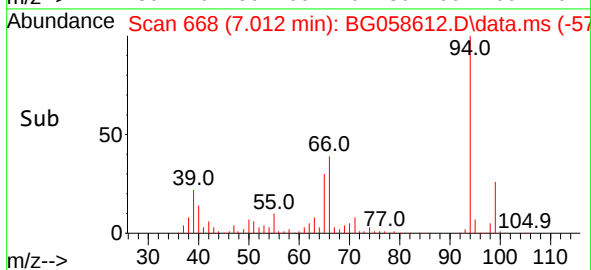
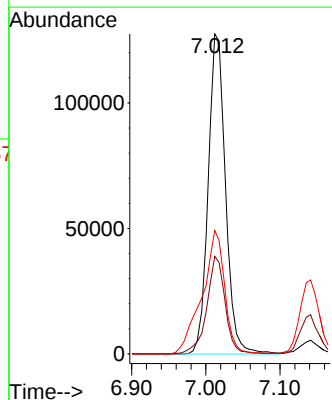
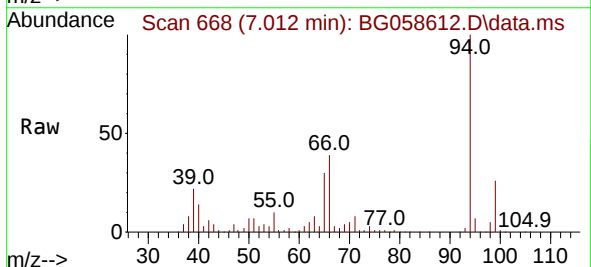
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Supervised By :mohammad ahmed 08/07/2023



#10
Phenol
Concen: 22.271 ng
RT: 7.012 min Scan# 668
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

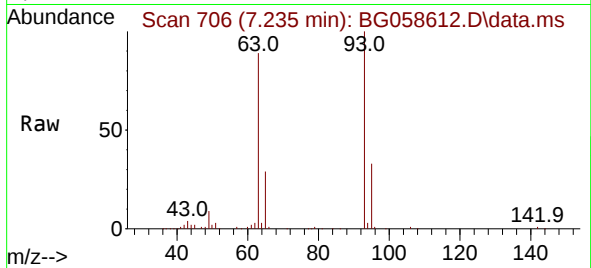
Tgt Ion: 94 Resp: 207251
Ion Ratio Lower Upper
94 100
65 30.5 10.4 50.4
66 38.6 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 21.419 ng
RT: 7.235 min Scan# 706
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

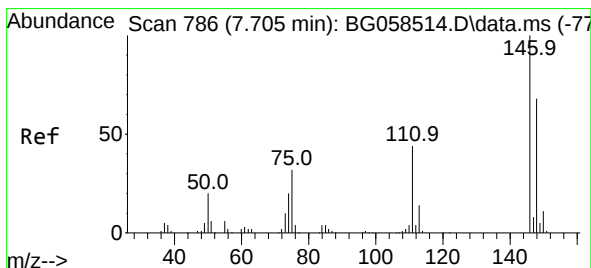
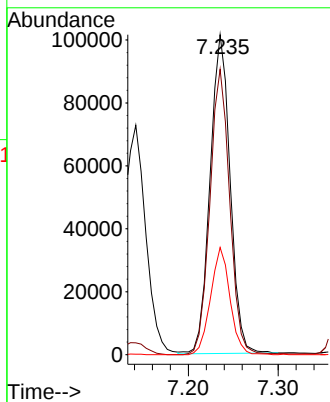
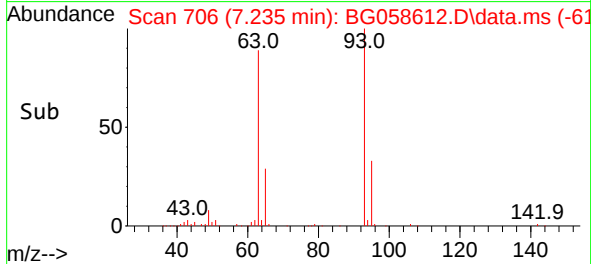
Instrument :
BNA_G
ClientSampleId :
RBR200018MSD



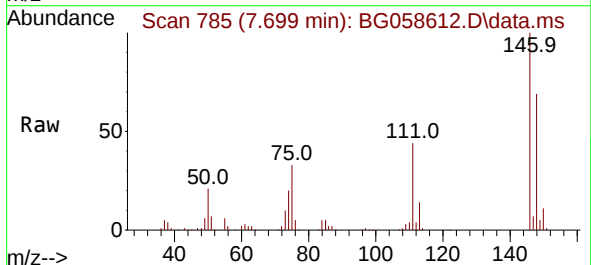
Tgt Ion: 93 Resp: 157140
Ion Ratio Lower Upper
93 100
63 89.2 65.5 105.5
95 33.5 11.2 51.2

Manual Integrations
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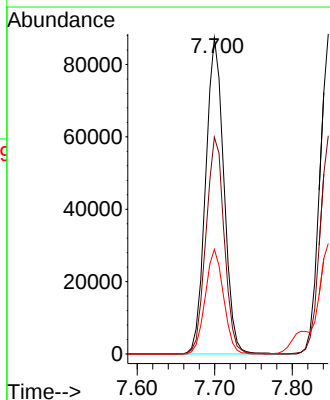
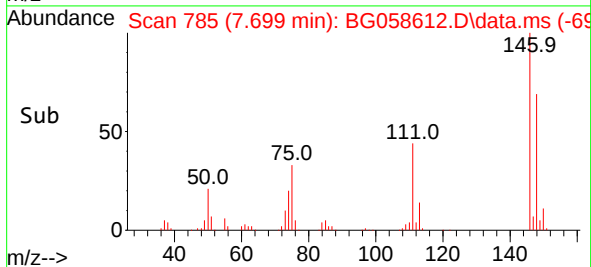
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

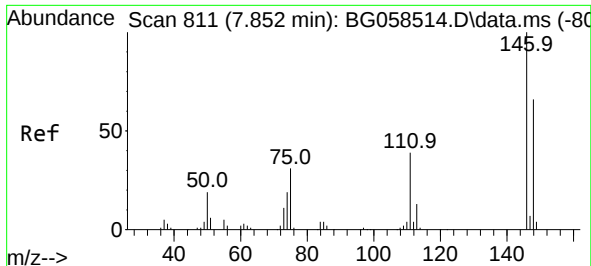


#12
1,3-Dichlorobenzene
Concen: 19.882 ng
RT: 7.699 min Scan# 785
Delta R.T. -0.006 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29



Tgt Ion:146 Resp: 142586
Ion Ratio Lower Upper
146 100
148 68.6 54.7 82.1
75 33.1 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 20.058 ng

RT: 7.846 min Scan# 811

Delta R.T. -0.006 min

Lab File: BG058612.D

Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD

Tgt Ion:146 Resp: 14443

Ion Ratio Lower Upper

146 100

148 68.2 52.8 79.2

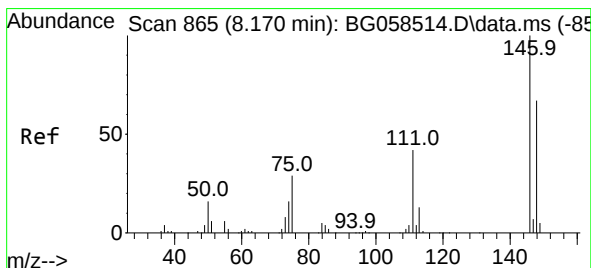
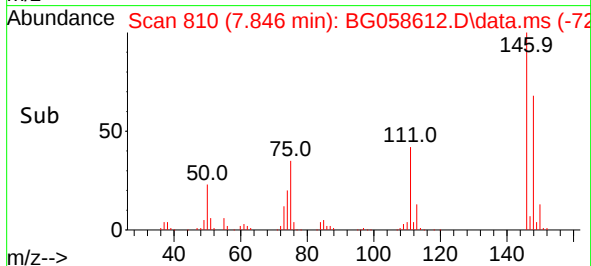
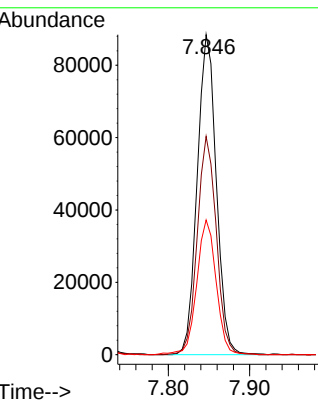
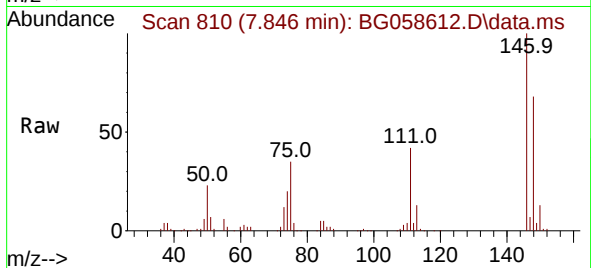
111 42.1 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023



#14

1,2-Dichlorobenzene

Concen: 21.339 ng

RT: 8.164 min Scan# 864

Delta R.T. -0.006 min

Lab File: BG058612.D

Acq: 4 Aug 2023 15:29

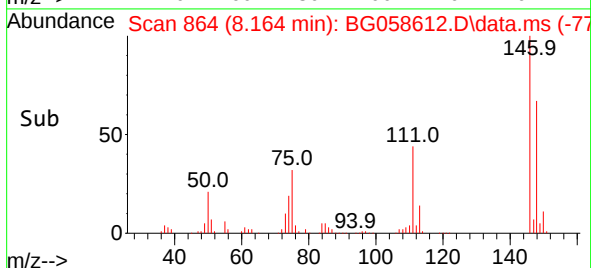
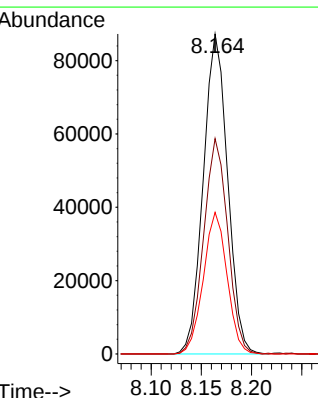
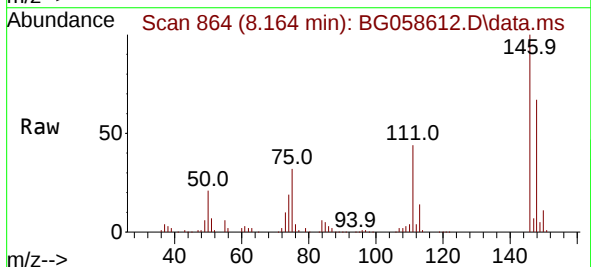
Tgt Ion:146 Resp: 146912

Ion Ratio Lower Upper

146 100

148 67.3 53.4 80.2

111 44.2 34.2 51.2





#15
Benzyl Alcohol
Concen: 26.892 ng
RT: 8.052 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

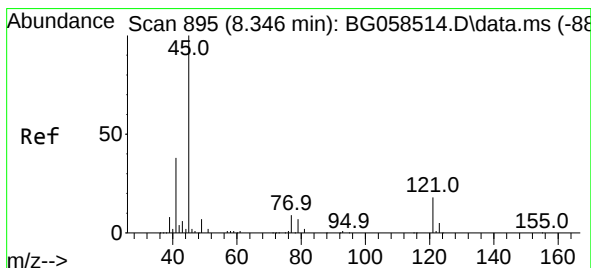
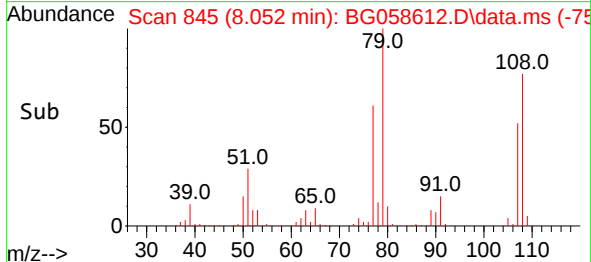
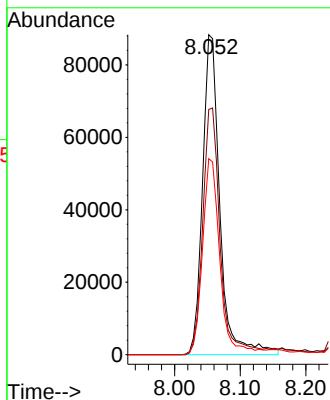
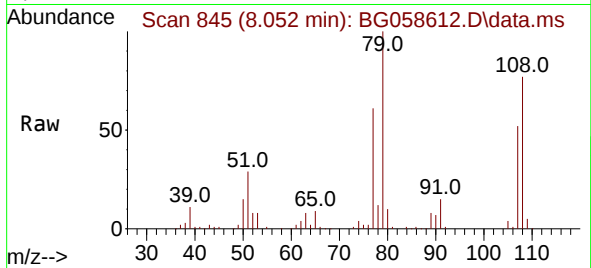
ClientSampleId :

RBR200018MSD

Tgt Ion: 79 Resp: 16246
Ion Ratio Lower Upper
79 100
108 76.7 63.8 95.6
77 61.3 49.8 74.6

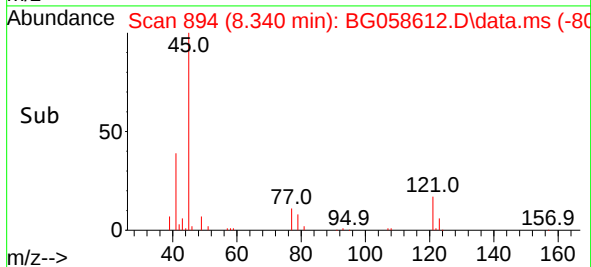
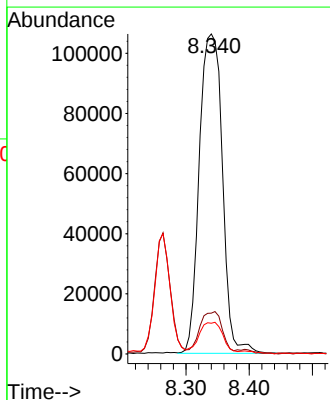
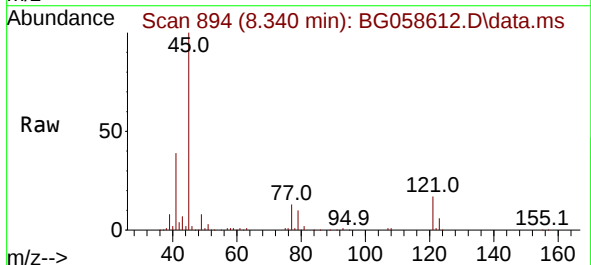
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 22.578 ng
RT: 8.340 min Scan# 894
Delta R.T. -0.006 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Tgt Ion: 45 Resp: 269069
Ion Ratio Lower Upper
45 100
77 12.8 0.0 32.6
79 9.6 0.0 30.2





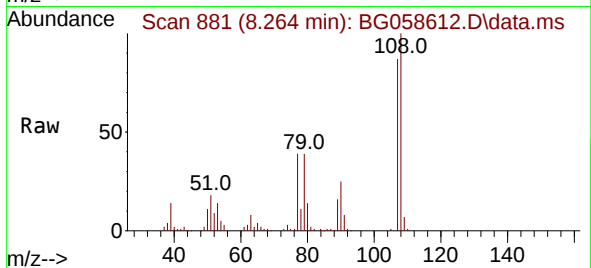
#17
2-Methylphenol
Concen: 22.769 ng
RT: 8.264 min Scan# 81
Delta R.T. 0.006 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD

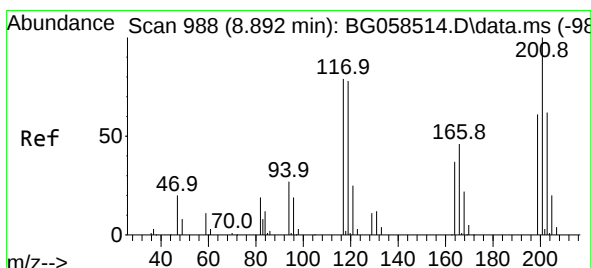
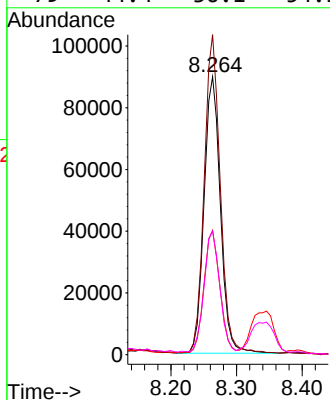
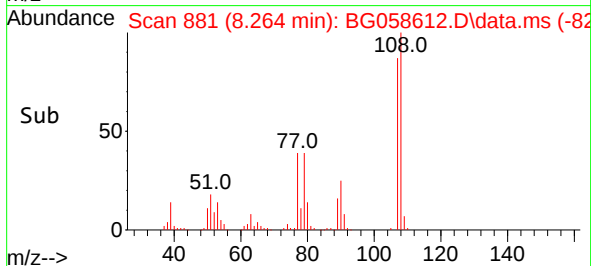


Tgt Ion:107 Resp: 15492
Ion Ratio Lower Upper
107 100
108 115.2 89.1 133.7
77 44.8 36.2 54.4
79 44.4 36.1 54.1

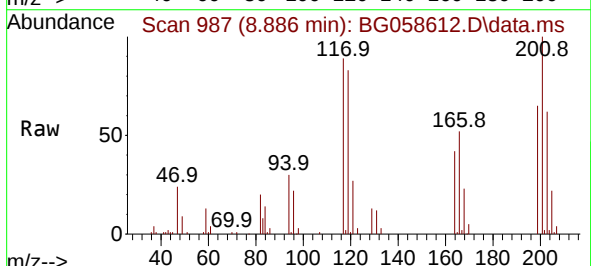
Manual Integrations

APPROVED

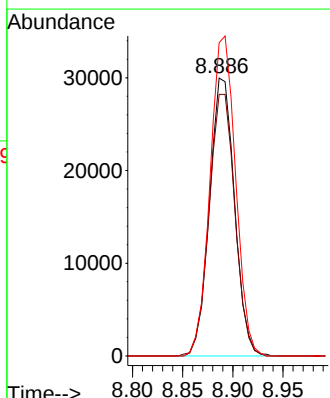
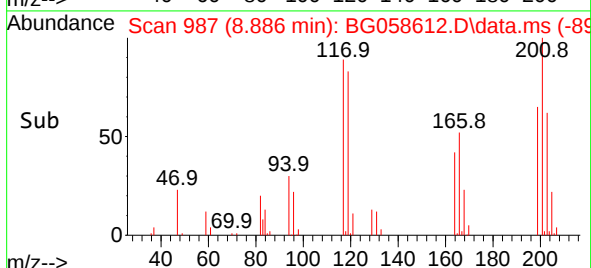
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#18
Hexachloroethane
Concen: 19.860 ng
RT: 8.886 min Scan# 987
Delta R.T. -0.006 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29



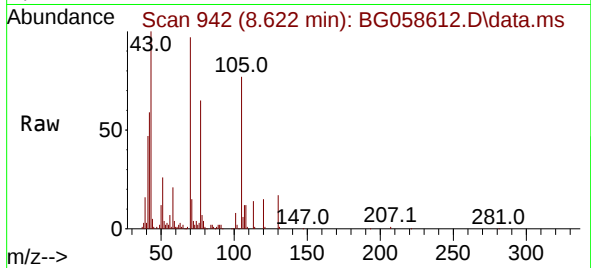
Tgt Ion:117 Resp: 51981
Ion Ratio Lower Upper
117 100
119 94.1 78.6 117.8
201 115.4 101.4 152.0





#19
n-Nitroso-di-n-propylamine
Concen: 22.125 ng
RT: 8.622 min Scan# 942
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

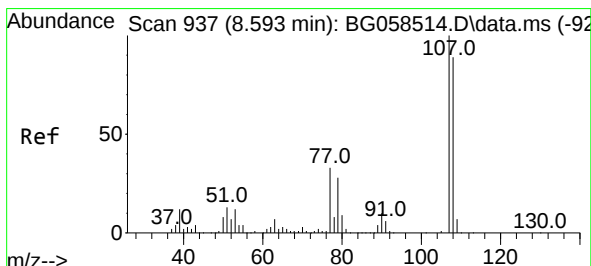
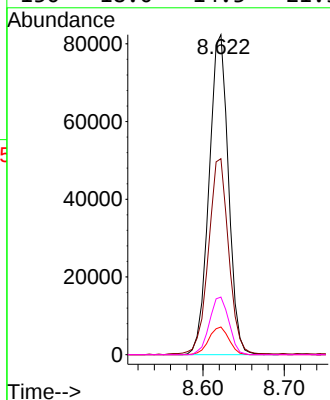
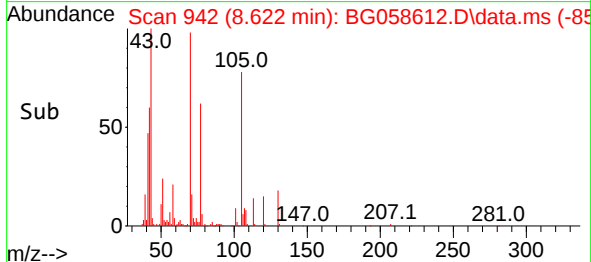
Instrument :
BNA_G
ClientSampleId :
RBR200018MSD



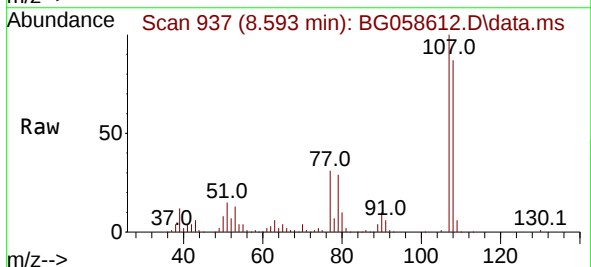
Tgt Ion: 70 Resp: 136144
Ion Ratio Lower Upper
70 100
42 61.2 49.7 74.5
101 8.7 7.0 10.4
130 18.0 14.3 21.5

Manual Integrations
APPROVED

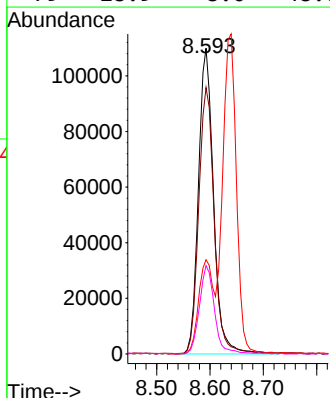
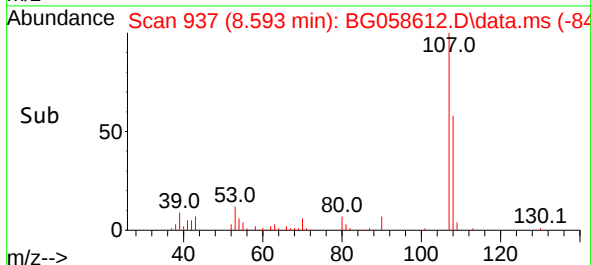
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

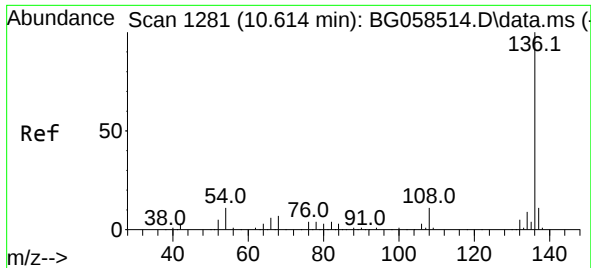


#20
3+4-Methylphenols
Concen: 23.498 ng
RT: 8.593 min Scan# 937
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29



Tgt Ion:107 Resp: 216269
Ion Ratio Lower Upper
107 100
108 87.2 69.4 109.4
77 30.8 13.0 53.0
79 28.9 8.0 48.0





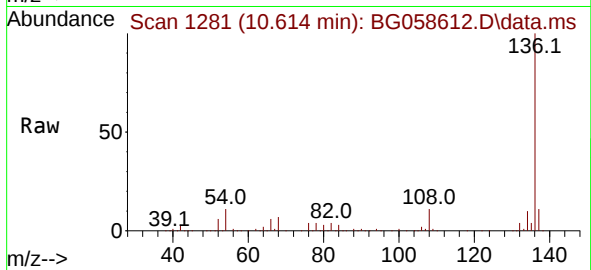
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD



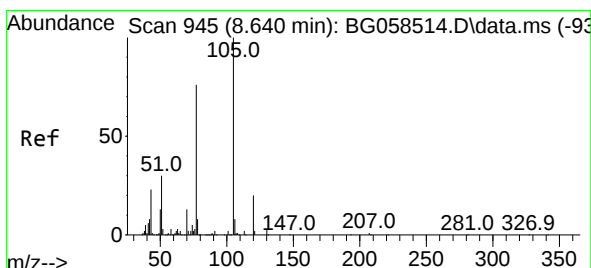
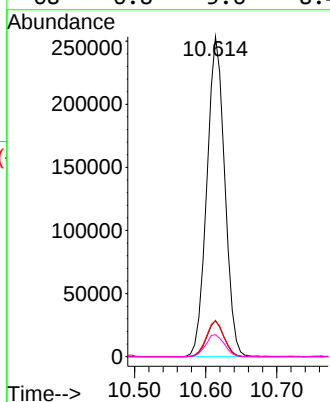
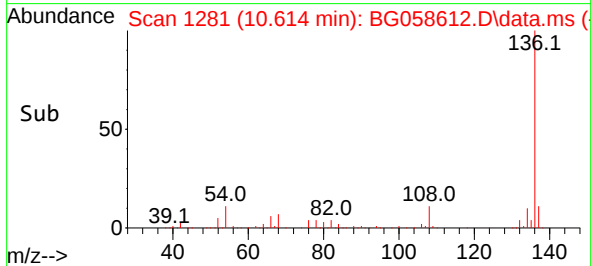
Tgt Ion:136 Resp: 442450
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 11.2 8.9 13.3
68 6.8 5.6 8.4

Manual Integrations

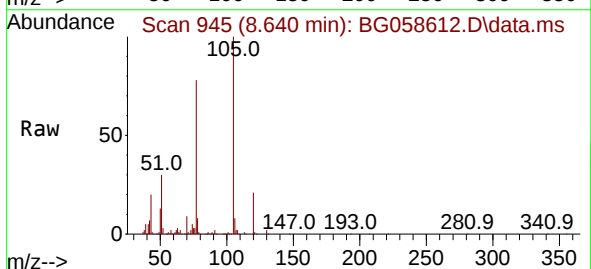
APPROVED

Reviewed By :Yogesh Patel 08/07/2023

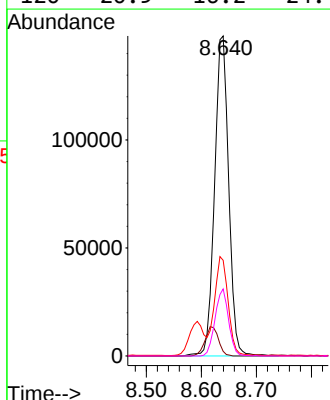
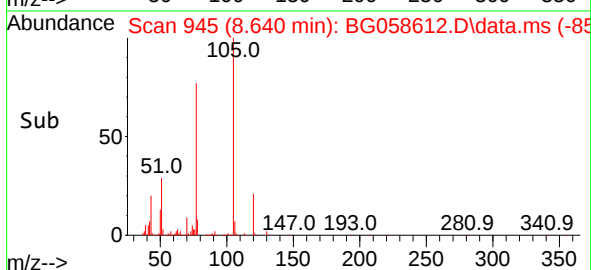
Supervised By :mohammad ahmed 08/07/2023

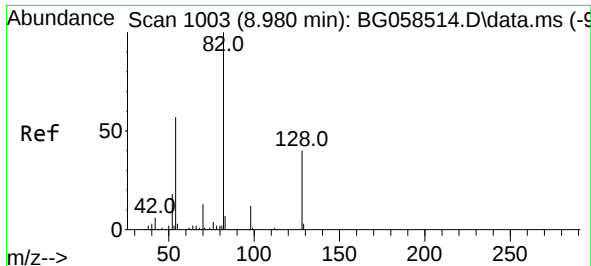


#22
Acetophenone
Concen: 22.285 ng
RT: 8.640 min Scan# 945
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29



Tgt Ion:105 Resp: 264017
Ion Ratio Lower Upper
105 100
71 1.5 1.8 2.6#
51 29.9 24.2 36.2
120 20.9 16.2 24.4





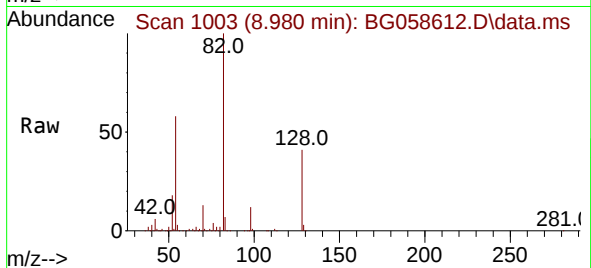
#23
Nitrobenzene-d5
Concen: 44.837 ng
RT: 8.980 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD



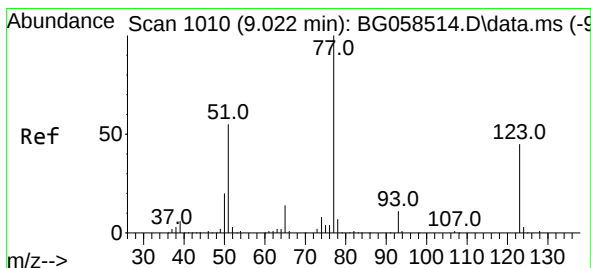
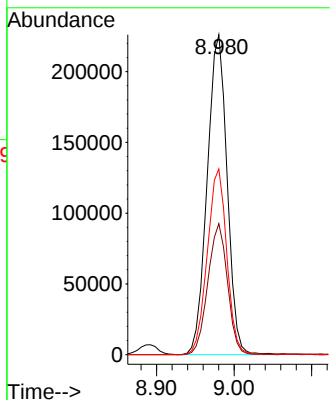
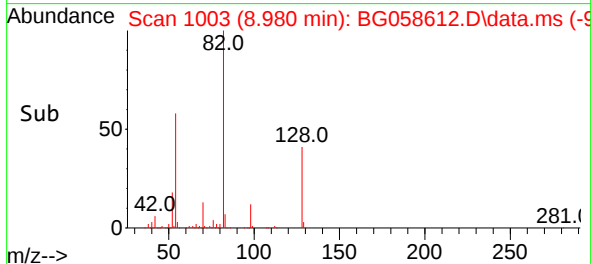
Tgt Ion: 82 Resp: 403834
Ion Ratio Lower Upper
82 100
128 41.0 32.2 48.2
54 58.1 46.0 69.0

Manual Integrations

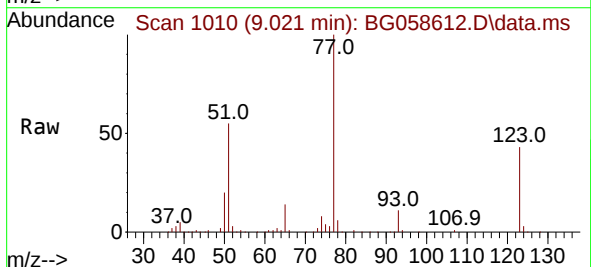
APPROVED

Reviewed By :Yogesh Patel 08/07/2023

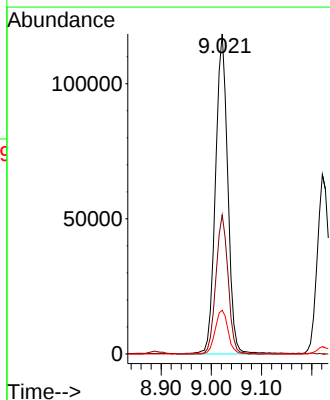
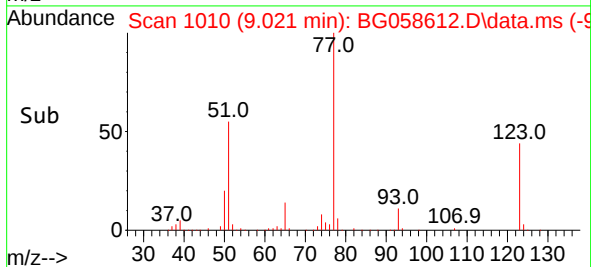
Supervised By :mohammad ahmed 08/07/2023



#24
Nitrobenzene
Concen: 21.975 ng
RT: 9.021 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29



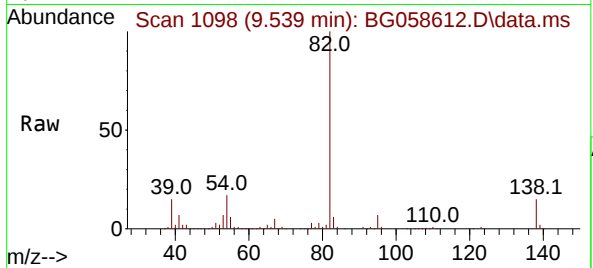
Tgt Ion: 77 Resp: 201215
Ion Ratio Lower Upper
77 100
123 43.4 35.6 53.4
65 13.7 11.4 17.0





#25
Isophorone
Concen: 21.714 ng
RT: 9.539 min Scan# 1098
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

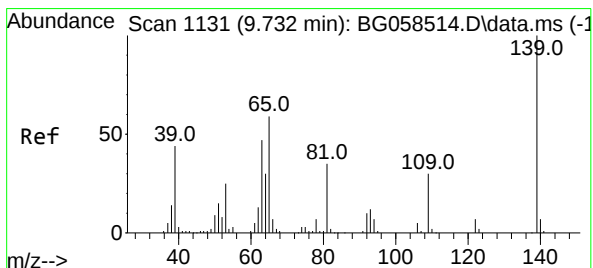
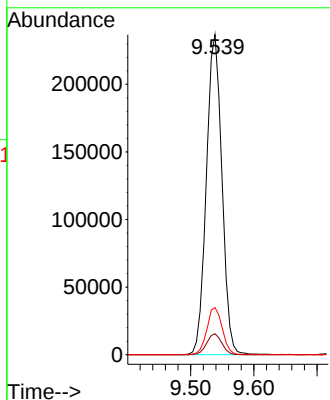
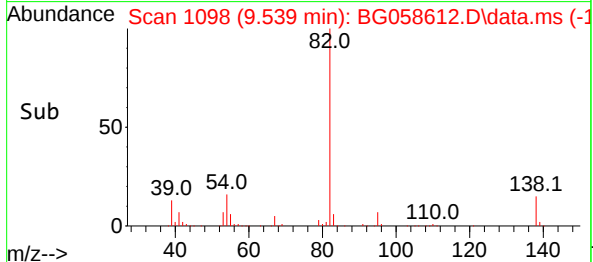
Instrument :
BNA_G
ClientSampleId :
RBR200018MSD



Tgt Ion: 82 Resp: 40409
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 14.7 11.9 17.9

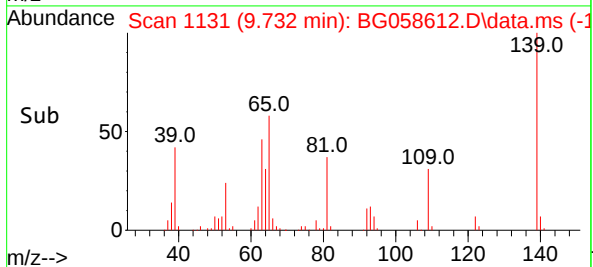
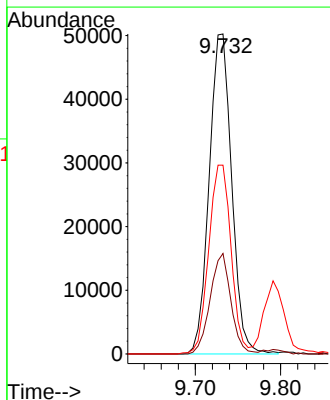
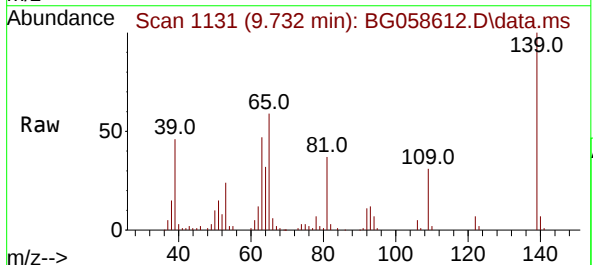
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#26
2-Nitrophenol
Concen: 23.139 ng
RT: 9.732 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Tgt Ion:139 Resp: 92228
Ion Ratio Lower Upper
139 100
109 31.4 24.2 36.2
65 59.0 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 24.559 ng

RT: 9.791 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BG058612.D

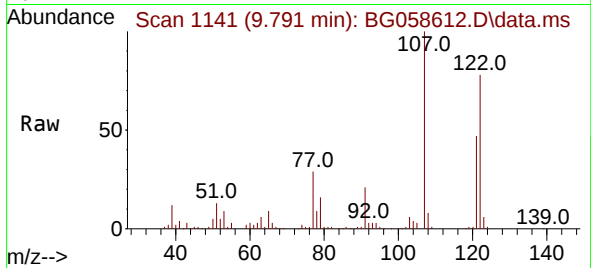
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD



Tgt Ion:122 Resp: 16236

Ion Ratio Lower Upper

122 100

107 128.0 98.0 147.0

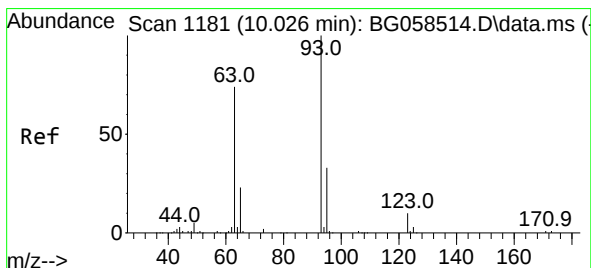
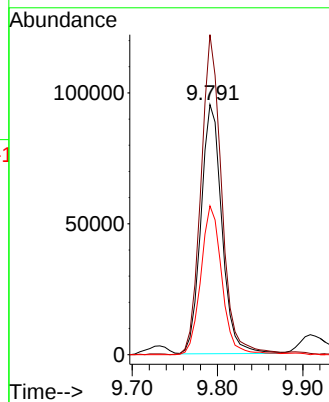
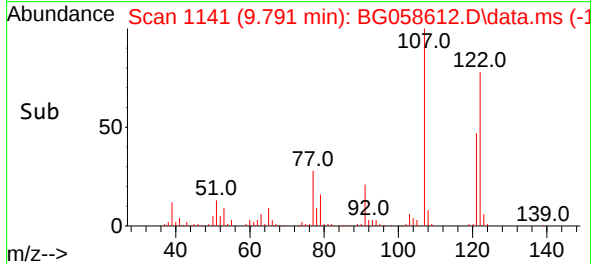
121 59.5 47.8 71.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023



#28

bis(2-Chloroethoxy)methane

Concen: 23.036 ng

RT: 10.020 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BG058612.D

Acq: 4 Aug 2023 15:29

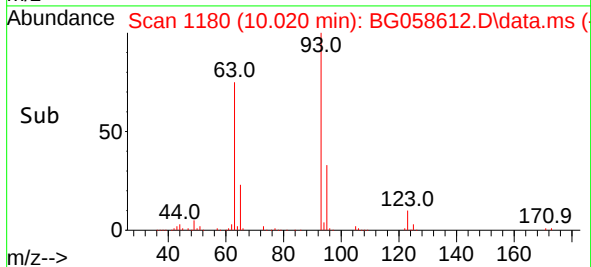
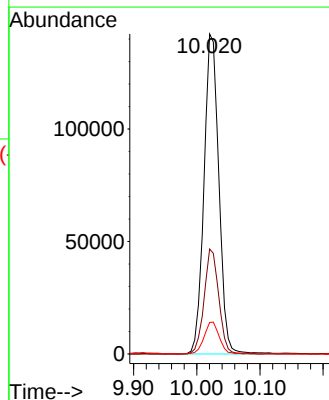
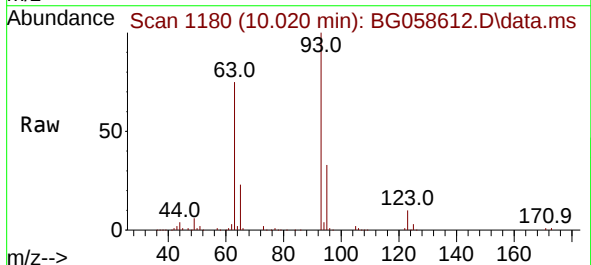
Tgt Ion: 93 Resp: 233296

Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 9.9 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 25.320 ng

RT: 10.267 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG058612.D

Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD

Tgt Ion:162 Resp: 173808

Ion Ratio Lower Upper

162 100

164 68.9 47.6 87.6

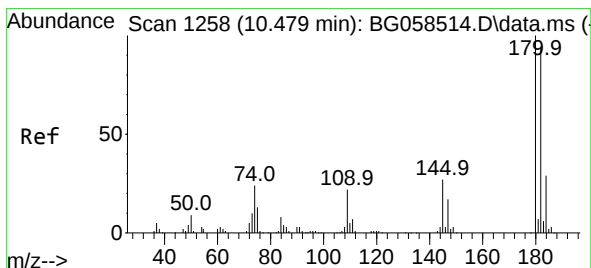
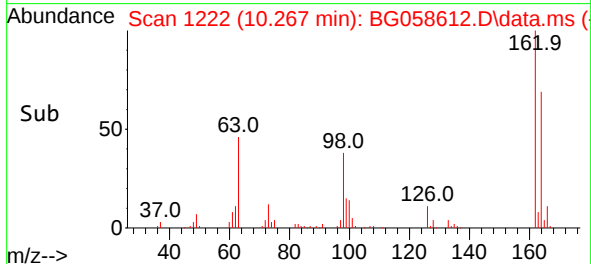
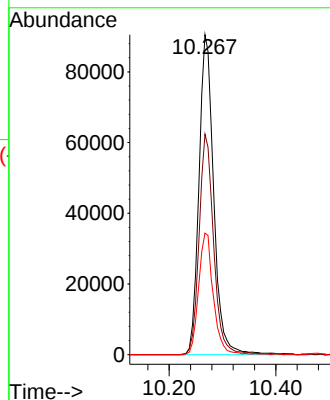
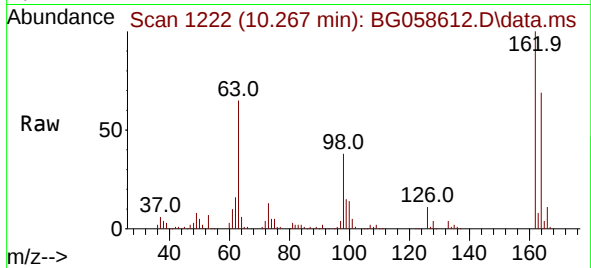
98 38.0 17.1 57.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 22.548 ng

RT: 10.479 min Scan# 1258

Delta R.T. -0.000 min

Lab File: BG058612.D

Acq: 4 Aug 2023 15:29

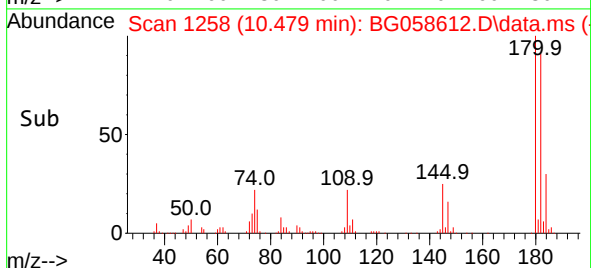
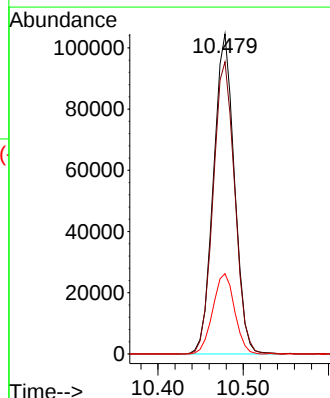
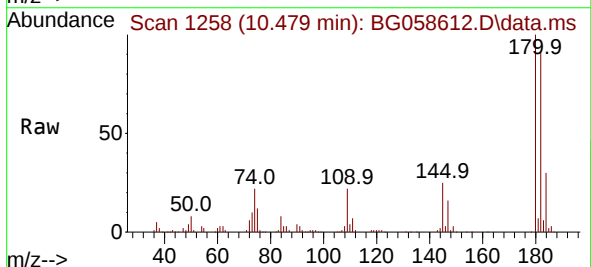
Tgt Ion:180 Resp: 178501

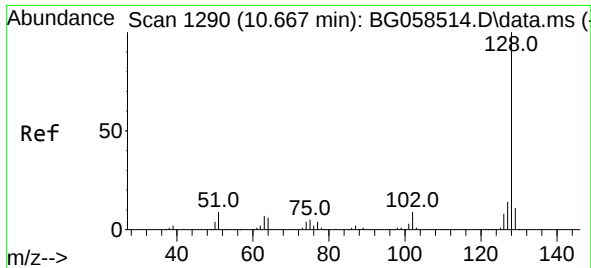
Ion Ratio Lower Upper

180 100

182 91.3 75.0 112.4

145 25.1 21.9 32.9





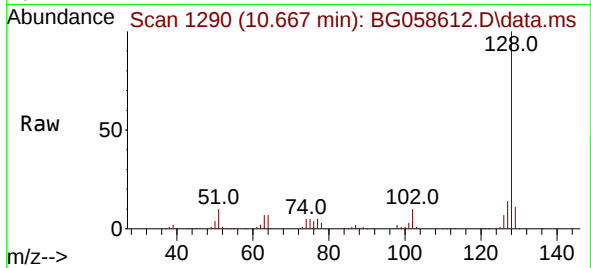
#31
Naphthalene
Concen: 21.531 ng
RT: 10.667 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD



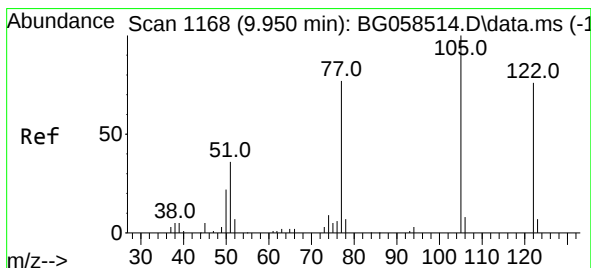
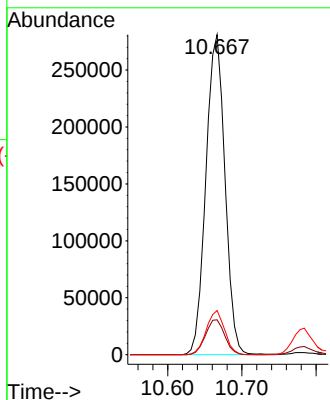
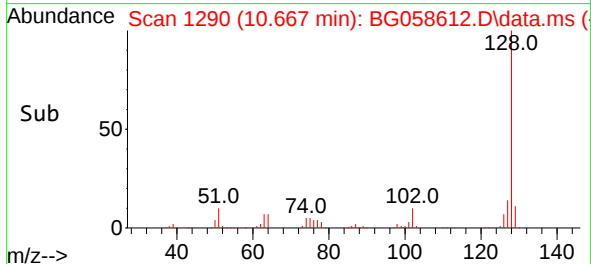
Tgt Ion:128 Resp: 502110
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.8 10.9 16.3

Manual Integrations

APPROVED

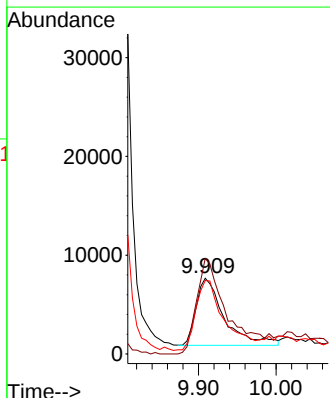
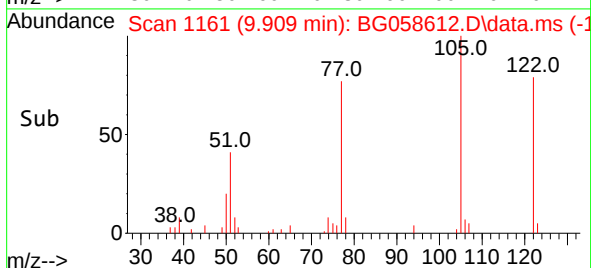
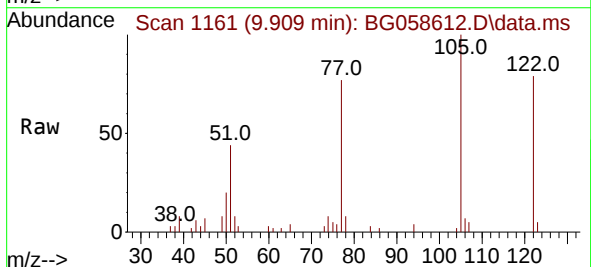
Reviewed By :Yogesh Patel 08/07/2023

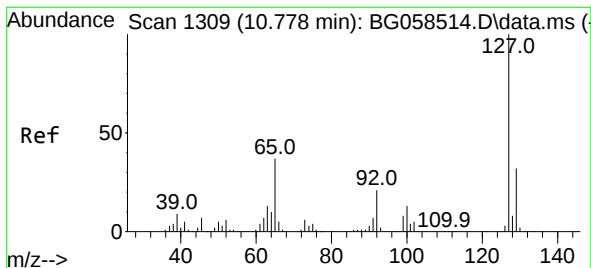
Supervised By :mohammad ahmed 08/07/2023



#32
Benzoic acid
Concen: 7.626 ng m
RT: 9.909 min Scan# 1161
Delta R.T. -0.041 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Tgt Ion:122 Resp: 17087
Ion Ratio Lower Upper
122 100
105 126.2 106.5 146.5
77 96.9 78.1 118.1





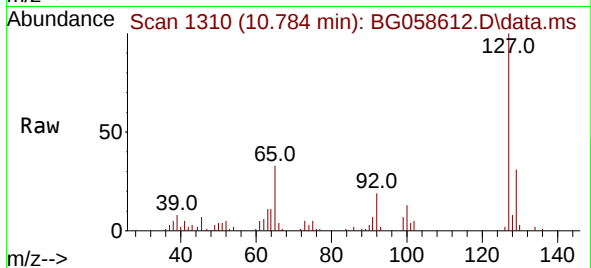
#33
4-Chloroaniline
Concen: 4.886 ng
RT: 10.784 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD



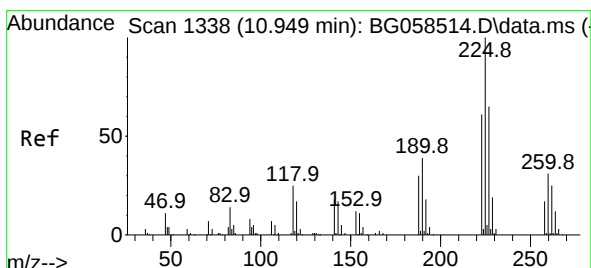
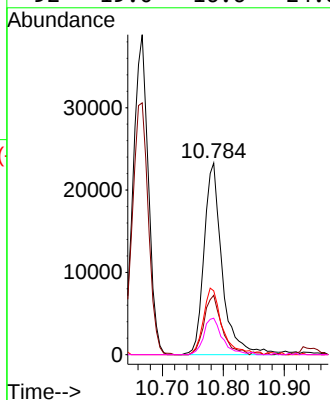
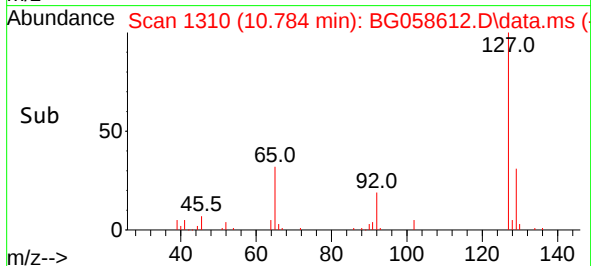
Tgt Ion:127 Resp: 4814
Ion Ratio Lower Upper
127 100
129 31.0 25.4 38.2
65 33.3 29.5 44.3
92 19.0 16.6 24.8

Manual Integrations

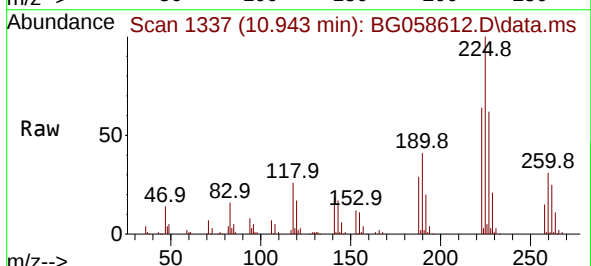
APPROVED

Reviewed By :Yogesh Patel 08/07/2023

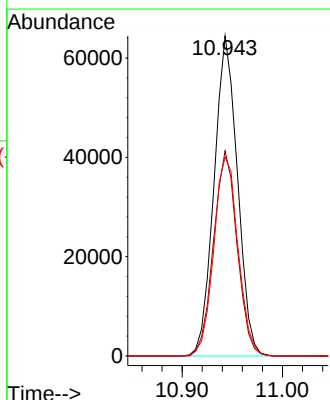
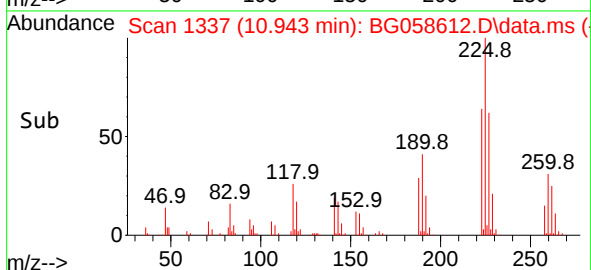
Supervised By :mohammad ahmed 08/07/2023

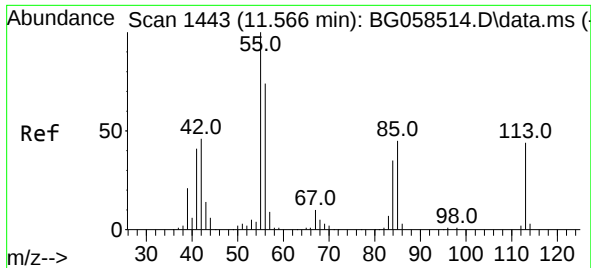


#34
Hexachlorobutadiene
Concen: 20.429 ng
RT: 10.943 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29



Tgt Ion:225 Resp: 104150
Ion Ratio Lower Upper
225 100
223 64.1 49.0 73.6
227 62.1 51.7 77.5





#35
Caprolactam
Concen: 20.721 ng m
RT: 11.566 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

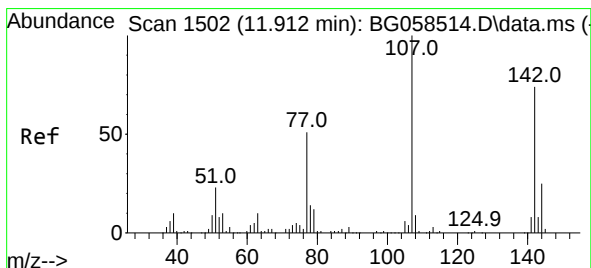
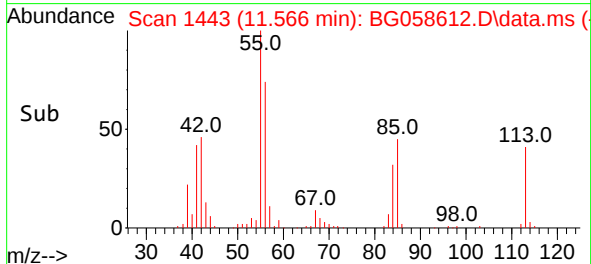
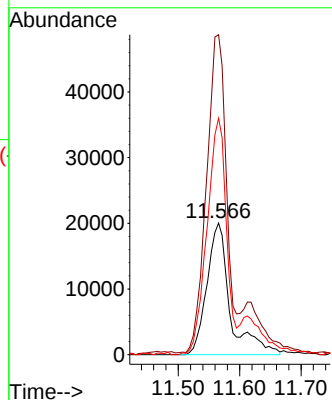
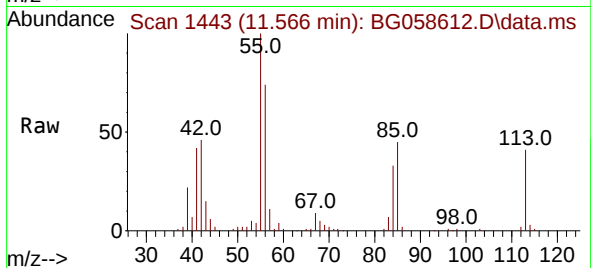
ClientSampleId :

RBR200018MSD

Tgt Ion:113 Resp: 5252
Ion Ratio Lower Upper
113 100
55 243.0 208.0 248.0
56 179.6 148.6 188.6

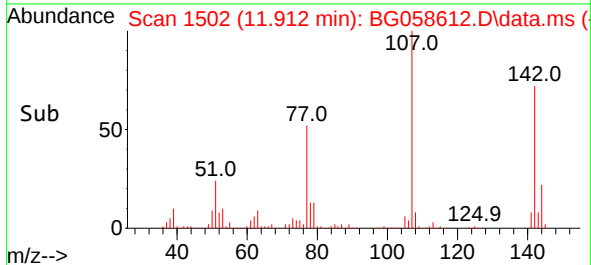
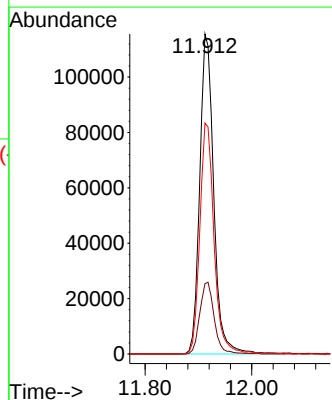
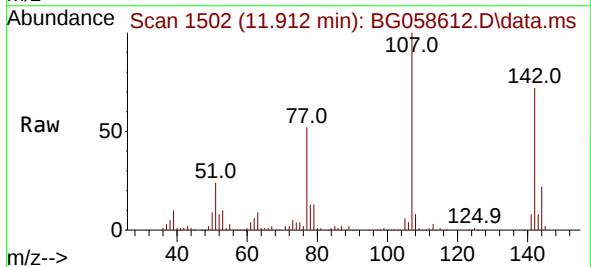
Manual Integrations
APPROVED

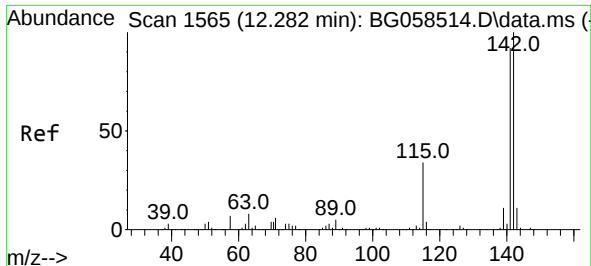
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#36
4-Chloro-3-methylphenol
Concen: 24.791 ng
RT: 11.912 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Tgt Ion:107 Resp: 210518
Ion Ratio Lower Upper
107 100
144 22.0 19.6 29.4
142 72.1 59.3 88.9





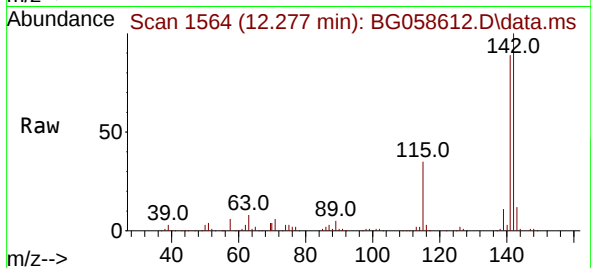
#37
2-Methylnaphthalene
Concen: 21.901 ng
RT: 12.277 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD

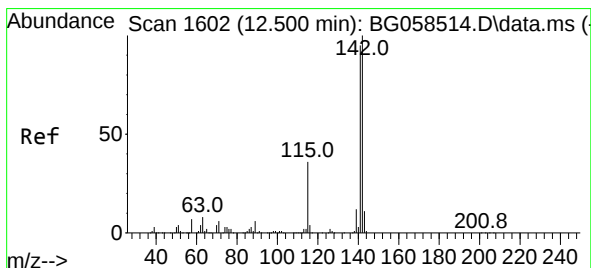
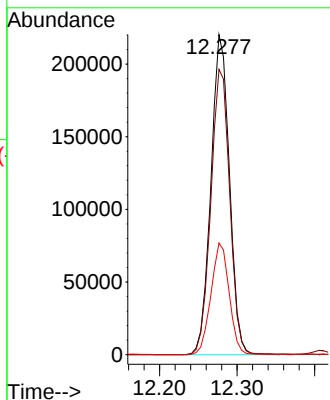
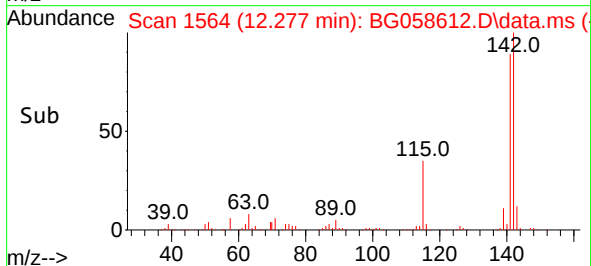


Tgt Ion:142 Resp: 36533
Ion Ratio Lower Upper
142 100
141 89.1 73.5 110.3
115 34.9 27.4 41.0

Manual Integrations

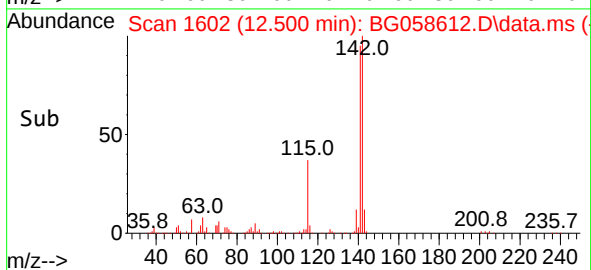
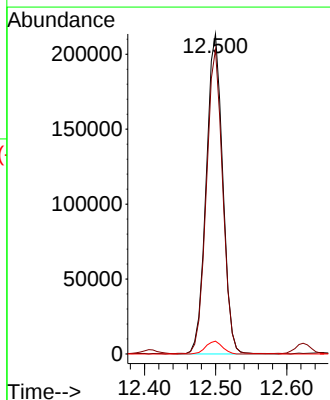
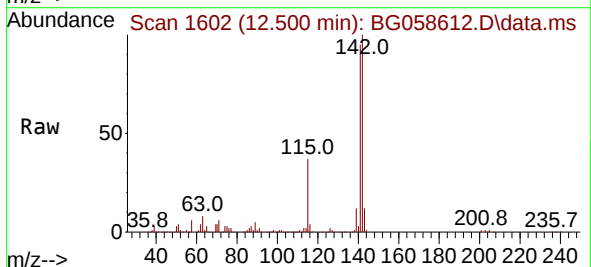
APPROVED

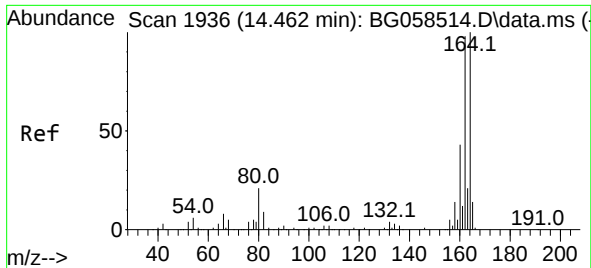
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#38
1-Methylnaphthalene
Concen: 21.787 ng
RT: 12.500 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Tgt Ion:142 Resp: 345465
Ion Ratio Lower Upper
142 100
141 95.2 75.7 113.5
116 4.0 3.2 4.8





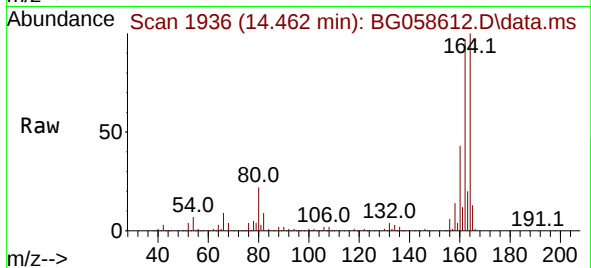
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD

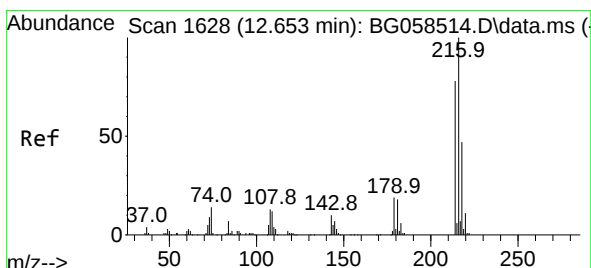
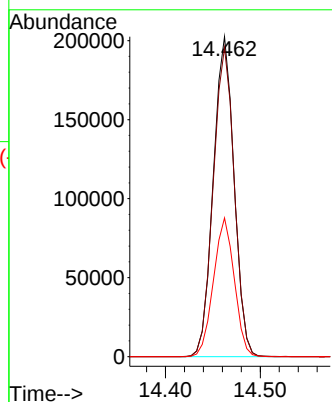
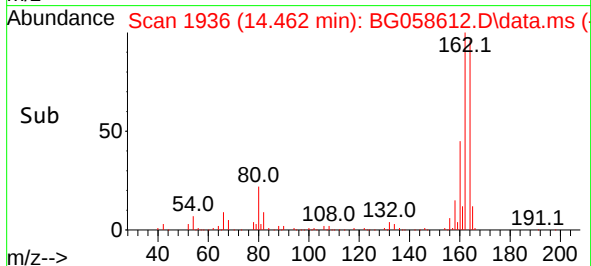


Tgt Ion:164 Resp: 308220
Ion Ratio Lower Upper
164 100
162 96.6 78.3 117.5
160 43.3 34.1 51.1

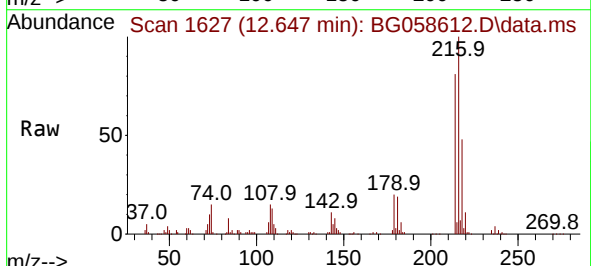
Manual Integrations

APPROVED

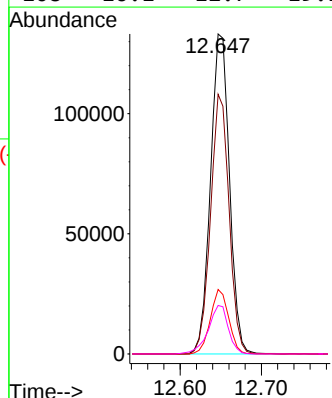
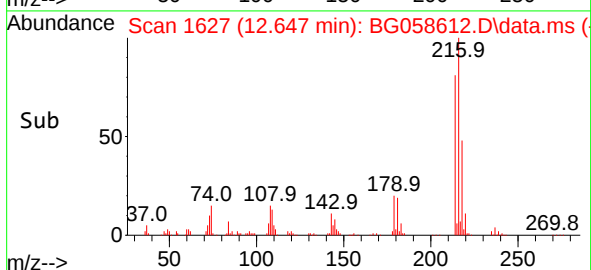
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

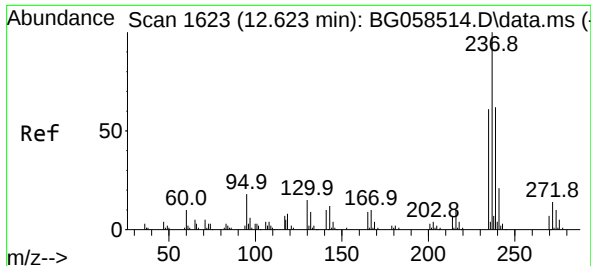


#40
1,2,4,5-Tetrachlorobenzene
Concen: 22.800 ng
RT: 12.647 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29



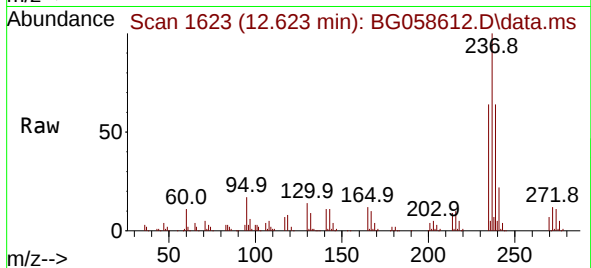
Tgt Ion:216 Resp: 215748
Ion Ratio Lower Upper
216 100
214 79.2 63.1 94.7
179 19.5 15.6 23.4
108 16.1 12.7 19.1





#41
Hexachlorocyclopentadiene
Concen: 28.256 ng
RT: 12.623 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

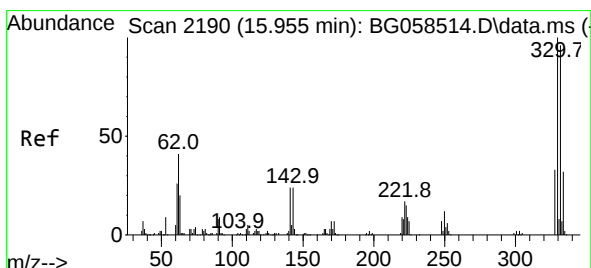
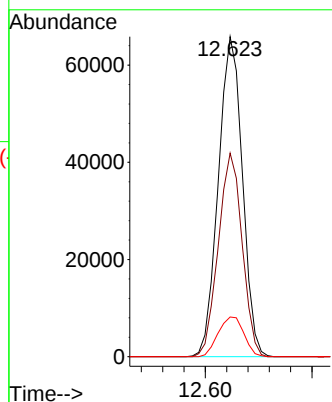
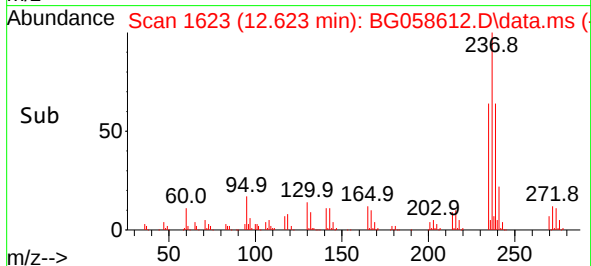
Instrument :
BNA_G
ClientSampleId :
RBR200018MSD



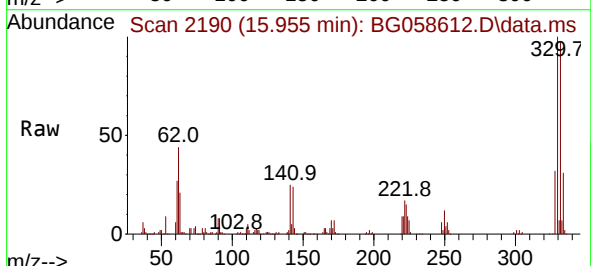
Tgt Ion:237 Resp: 103020
Ion Ratio Lower Upper
237 100
235 63.6 41.0 81.0
272 12.4 0.0 33.6

Manual Integrations
APPROVED

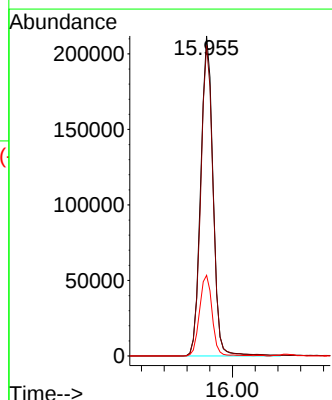
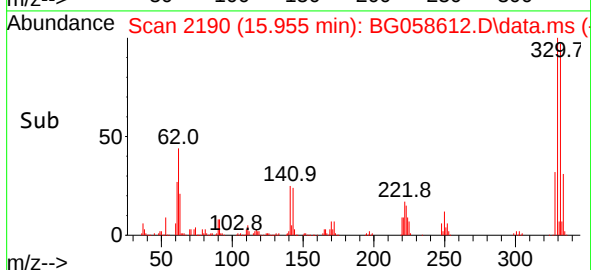
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

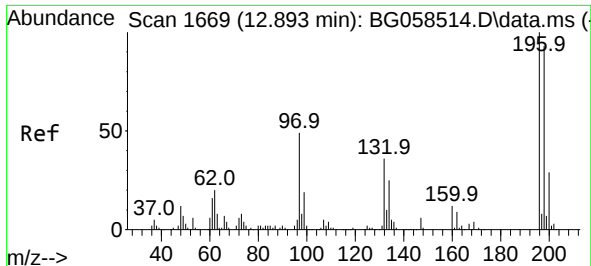


#42
2,4,6-Tribromophenol
Concen: 63.221 ng
RT: 15.955 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29



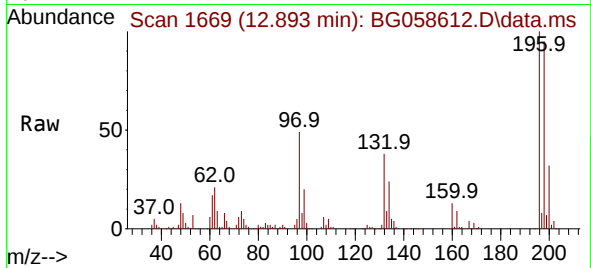
Tgt Ion:330 Resp: 319395
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 25.8 20.7 31.1





#43
2,4,6-Trichlorophenol
Concen: 24.247 ng
RT: 12.893 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

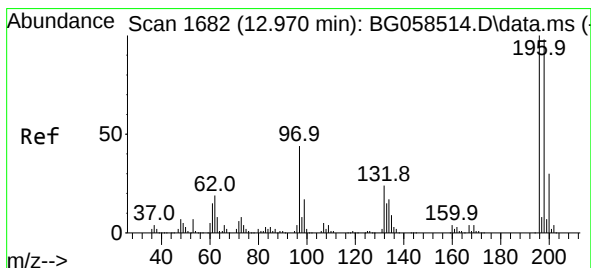
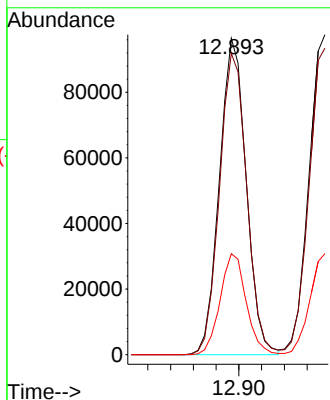
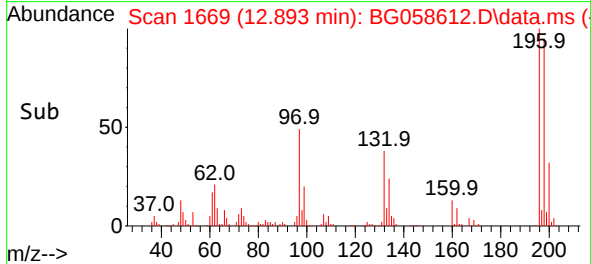
Instrument :
BNA_G
ClientSampleId :
RBR200018MSD



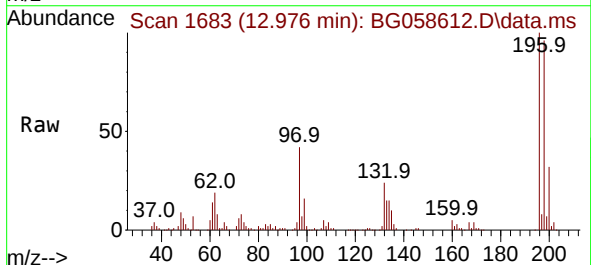
Tgt Ion:196 Resp: 157819
Ion Ratio Lower Upper
196 100
198 95.2 74.2 111.4
200 31.9 22.9 34.3

Manual Integrations
APPROVED

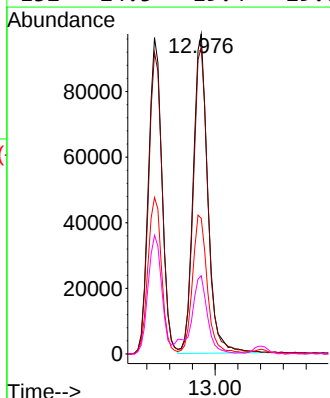
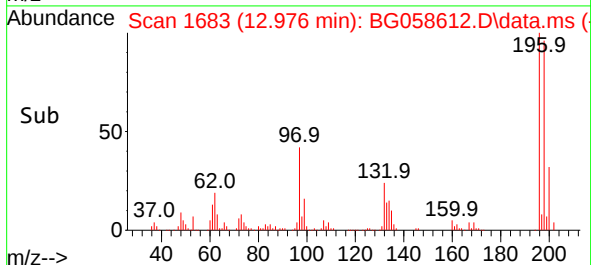
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

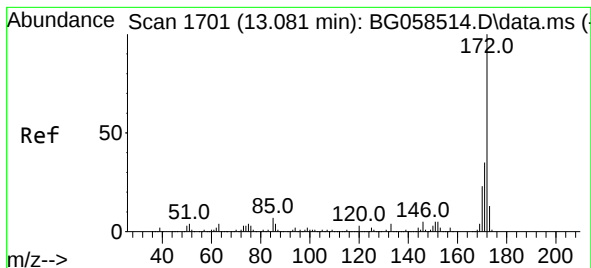


#44
2,4,5-Trichlorophenol
Concen: 22.629 ng
RT: 12.976 min Scan# 1683
Delta R.T. 0.006 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29



Tgt Ion:196 Resp: 173476
Ion Ratio Lower Upper
196 100
198 95.8 78.3 117.5
97 42.4 35.2 52.8
132 24.5 19.4 29.0





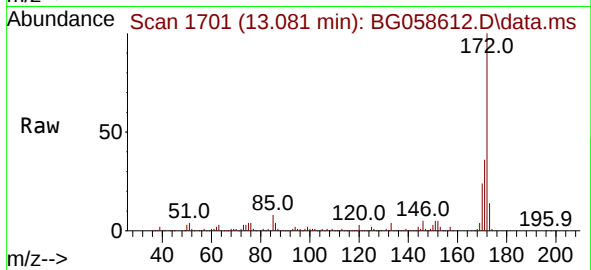
#45
2-Fluorobiphenyl
Concen: 43.437 ng
RT: 13.081 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD



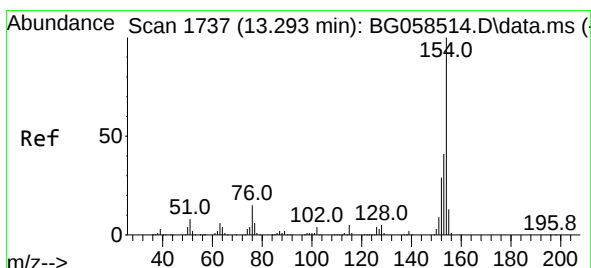
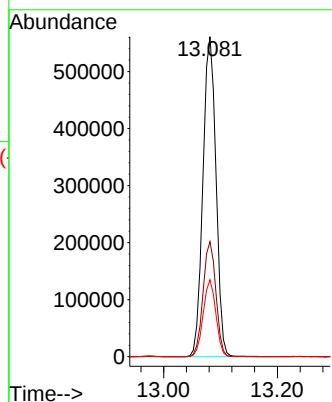
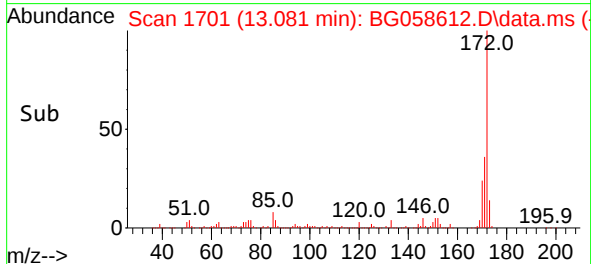
Tgt Ion:172 Resp: 893390
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 24.0 18.4 27.6

Manual Integrations

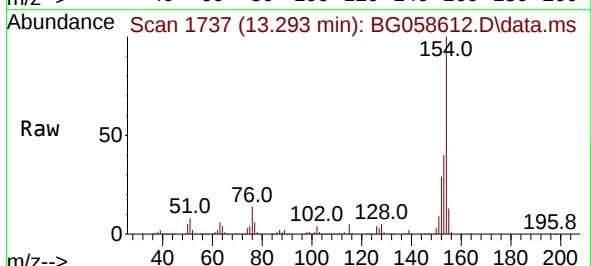
APPROVED

Reviewed By :Yogesh Patel 08/07/2023

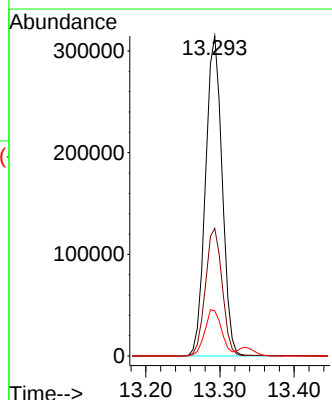
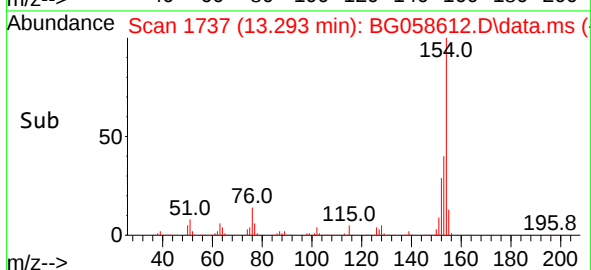
Supervised By :mohammad ahmed 08/07/2023

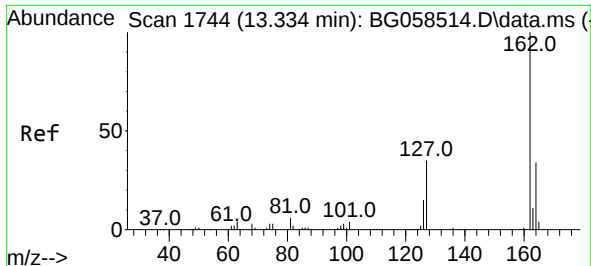


#46
1,1'-Biphenyl
Concen: 23.106 ng
RT: 13.293 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29



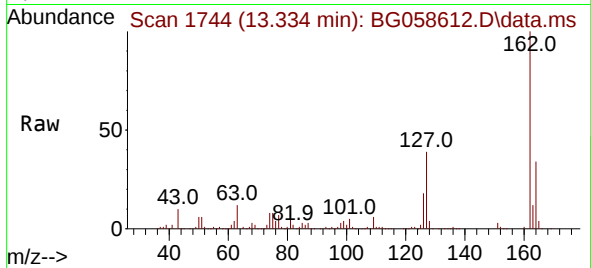
Tgt Ion:154 Resp: 489105
Ion Ratio Lower Upper
154 100
153 39.8 21.2 61.2
76 14.1 0.0 34.7





#47
2-Chloronaphthalene
Concen: 23.784 ng
RT: 13.334 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

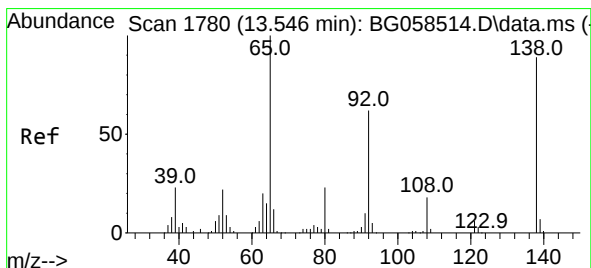
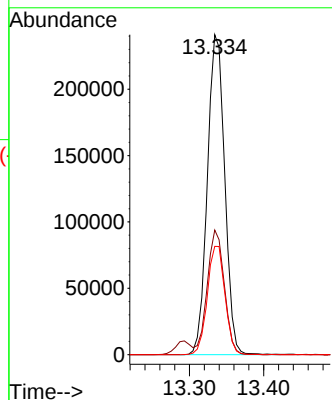
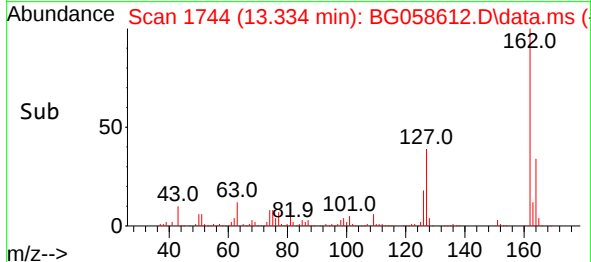
Instrument :
BNA_G
ClientSampleId :
RBR200018MSD



Tgt Ion:162 Resp: 392542
Ion Ratio Lower Upper
162 100
127 39.0 30.9 46.3
164 33.9 27.2 40.8

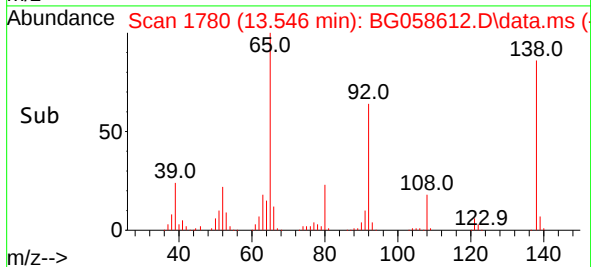
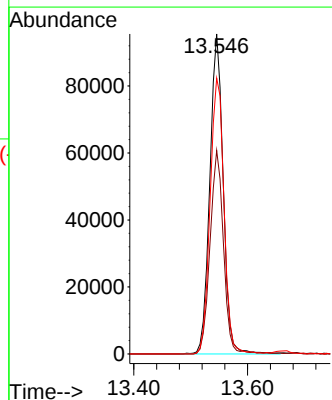
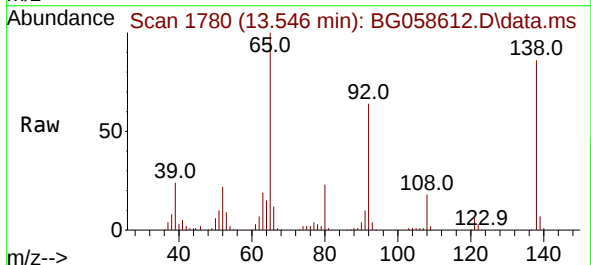
Manual Integrations
APPROVED

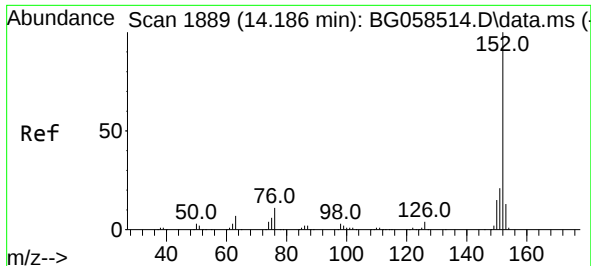
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#48
2-Nitroaniline
Concen: 24.713 ng
RT: 13.546 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Tgt Ion: 65 Resp: 155680
Ion Ratio Lower Upper
65 100
92 63.6 49.2 73.8
138 86.2 71.5 107.3





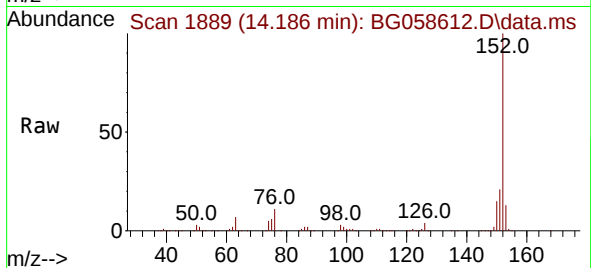
#49
Acenaphthylene
Concen: 22.833 ng
RT: 14.186 min Scan# 1889
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD

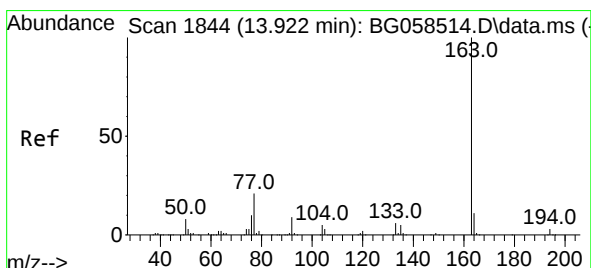
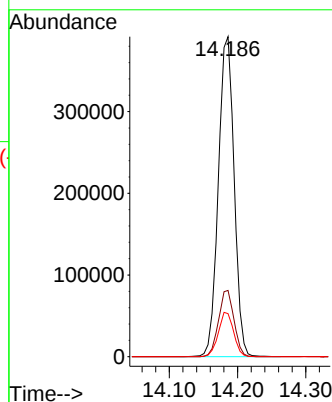
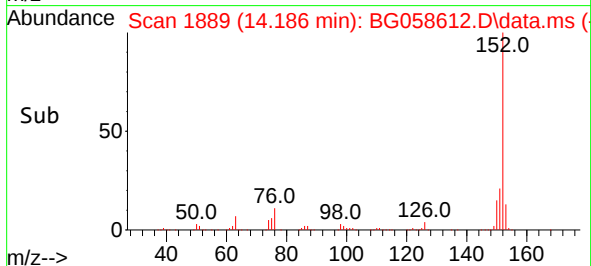


Tgt Ion:152 Resp: 630929
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7
153 13.5 10.7 16.1

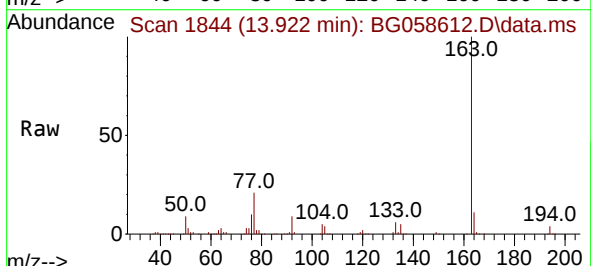
Manual Integrations

APPROVED

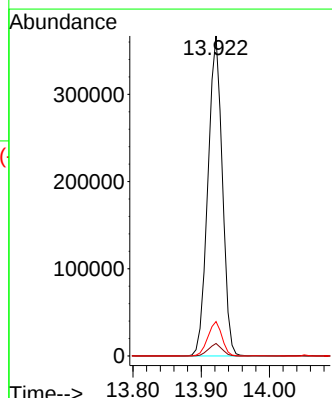
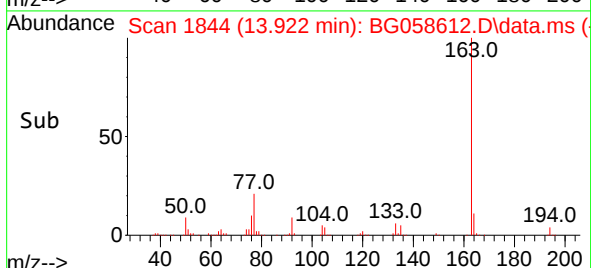
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

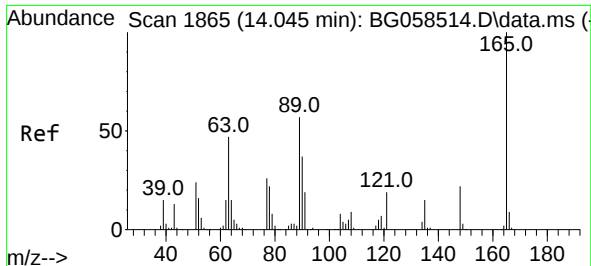


#50
Dimethylphthalate
Concen: 23.289 ng
RT: 13.922 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29



Tgt Ion:163 Resp: 539117
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.7 8.6 12.8





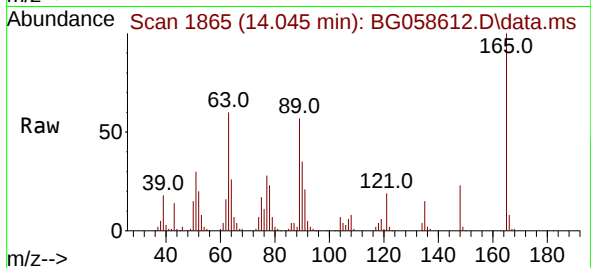
#51
2,6-Dinitrotoluene
Concen: 23.835 ng
RT: 14.045 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD

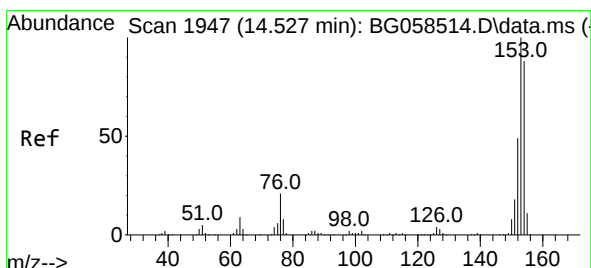
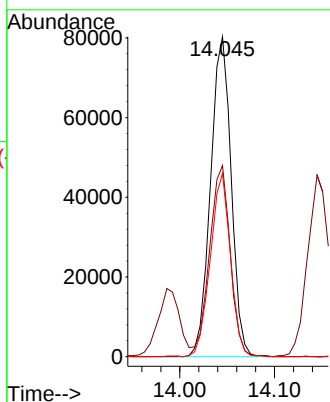
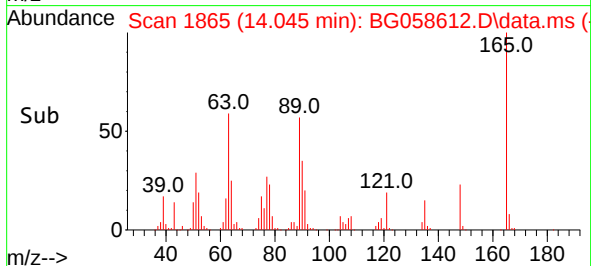


Tgt Ion:165 Resp: 121065
Ion Ratio Lower Upper
165 100
63 59.8 46.4 69.6
89 57.3 45.3 67.9

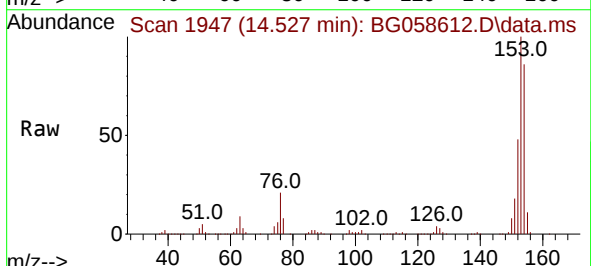
Manual Integrations

APPROVED

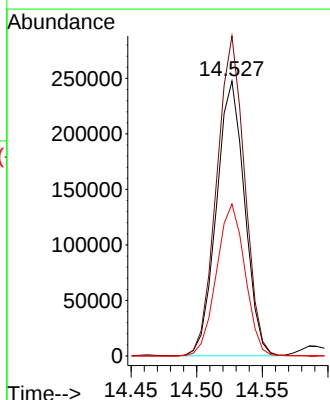
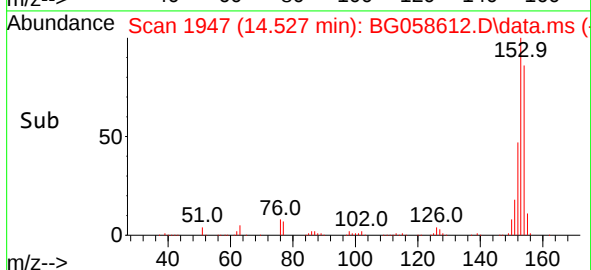
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

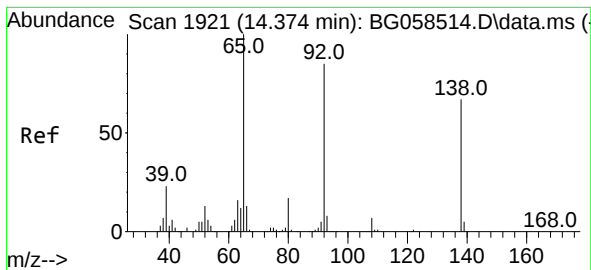


#52
Acenaphthene
Concen: 23.115 ng
RT: 14.527 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29



Tgt Ion:154 Resp: 369069
Ion Ratio Lower Upper
154 100
153 116.4 91.1 136.7
152 55.3 44.6 66.8





#53
3-Nitroaniline
Concen: 15.644 ng
RT: 14.374 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

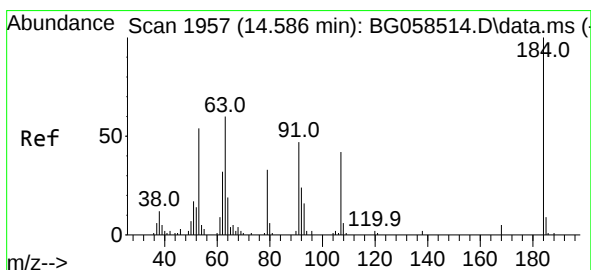
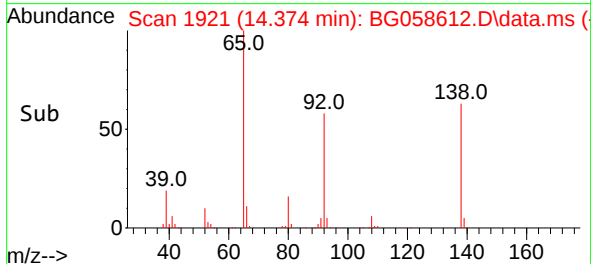
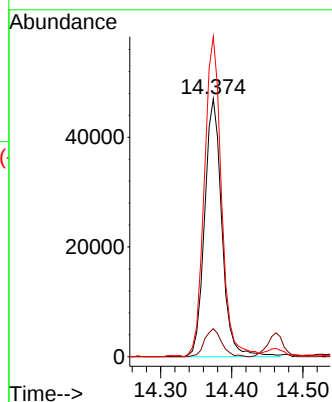
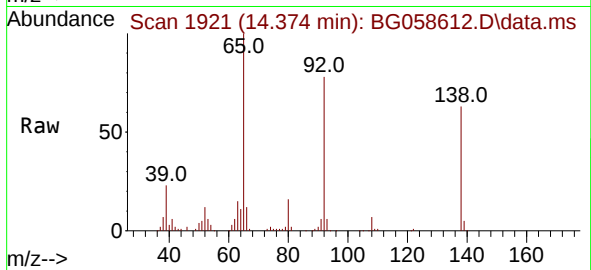
RBR200018MSD

Tgt Ion:138 Resp: 79500
Ion Ratio Lower Upper
138 100
108 10.9 8.3 12.5
92 124.1 101.1 151.7

Manual Integrations

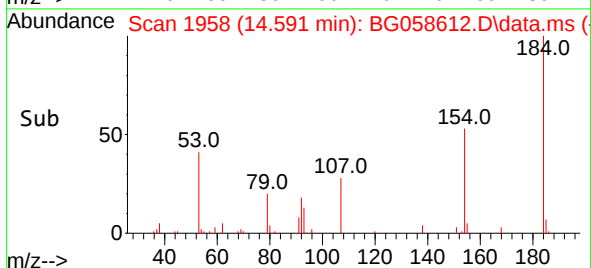
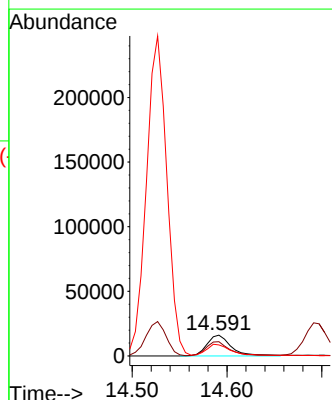
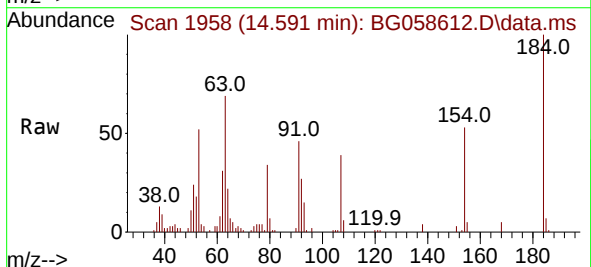
APPROVED

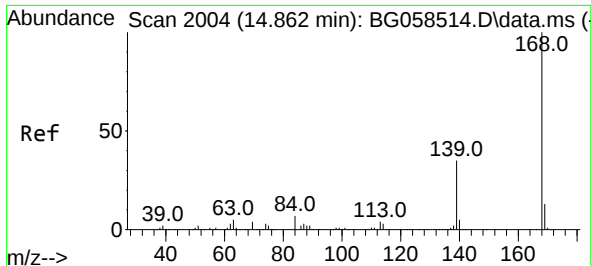
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#54
2,4-Dinitrophenol
Concen: 16.542 ng
RT: 14.591 min Scan# 1958
Delta R.T. 0.005 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Tgt Ion:184 Resp: 28611
Ion Ratio Lower Upper
184 100
63 68.5 56.7 85.1
154 53.4 46.1 69.1





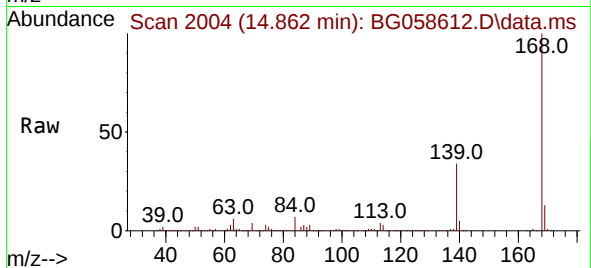
#55
Dibenzenofuran
Concen: 23.081 ng
RT: 14.862 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD



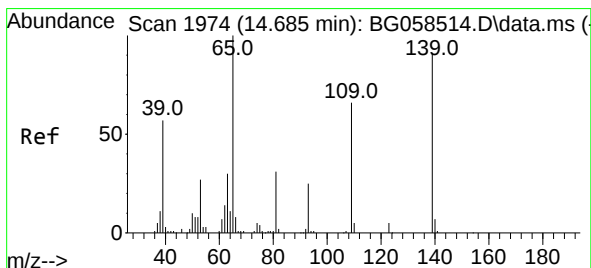
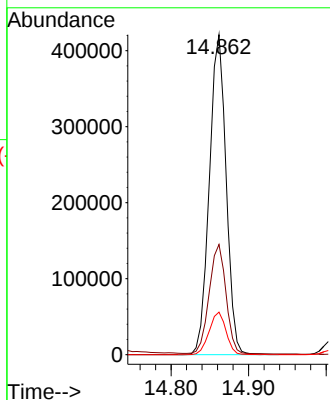
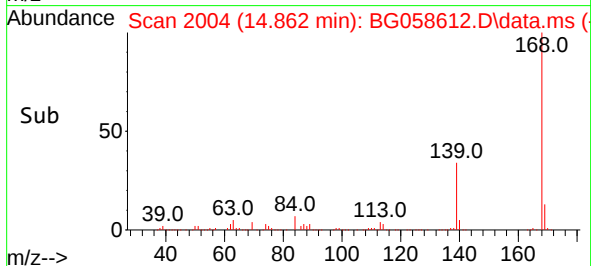
Tgt Ion:168 Resp: 633239
Ion Ratio Lower Upper
168 100
139 34.4 27.8 41.8
169 13.3 10.6 16.0

Manual Integrations

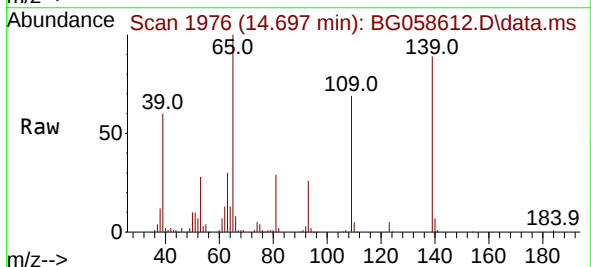
APPROVED

Reviewed By :Yogesh Patel 08/07/2023

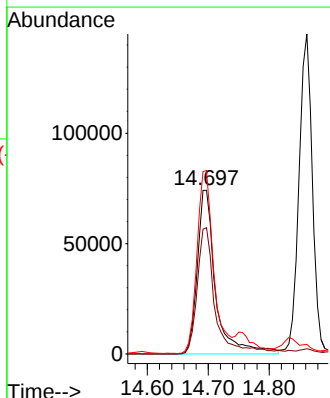
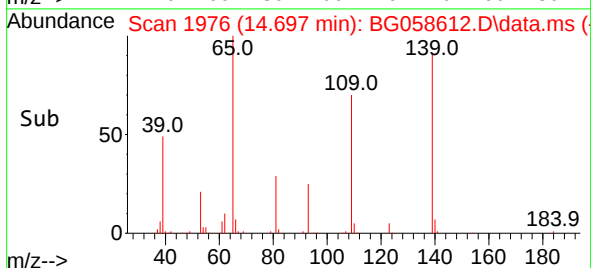
Supervised By :mohammad ahmed 08/07/2023

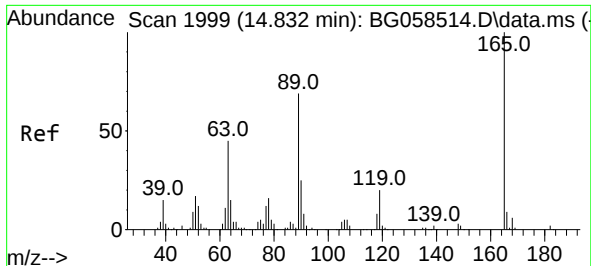


#56
4-Nitrophenol
Concen: 42.779 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.012 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29



Tgt Ion:139 Resp: 155007
Ion Ratio Lower Upper
139 100
109 77.2 52.5 92.5
65 112.2 90.5 130.5





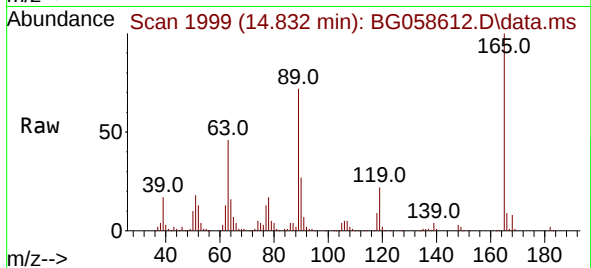
#57
2,4-Dinitrotoluene
Concen: 23.844 ng
RT: 14.832 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD

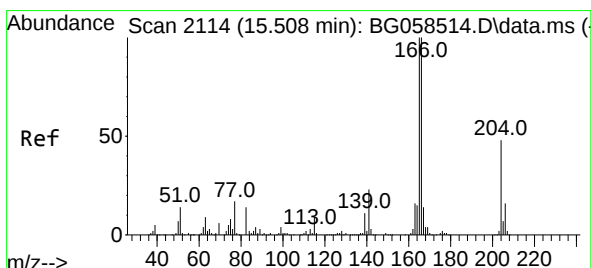
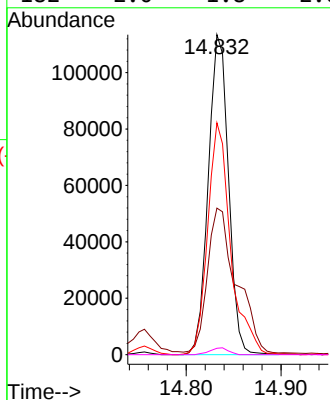
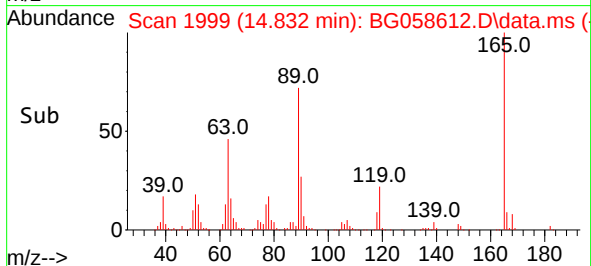


Tgt Ion:165 Resp: 167898
Ion Ratio Lower Upper
165 100
63 45.8 36.6 54.8
89 72.5 55.4 83.0
182 2.0 1.8 2.6

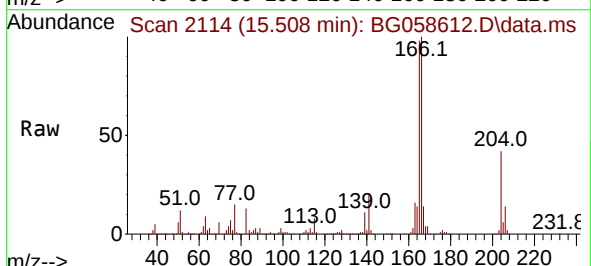
Manual Integrations

APPROVED

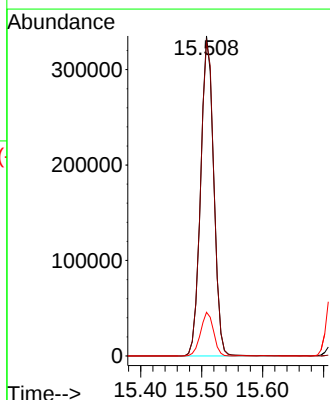
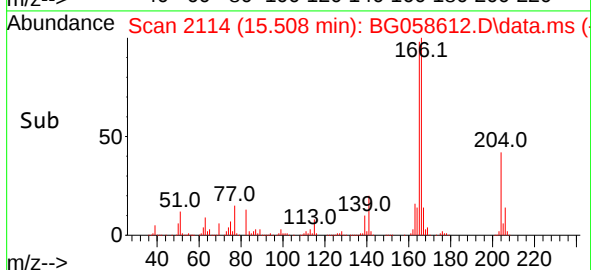
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#58
Fluorene
Concen: 22.913 ng
RT: 15.508 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29



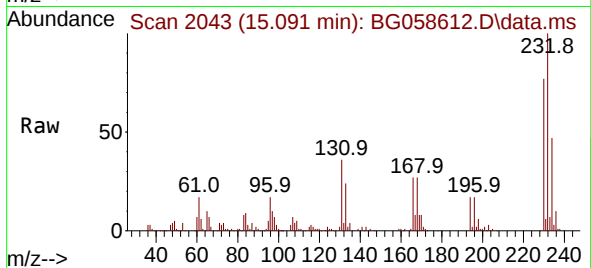
Tgt Ion:166 Resp: 499384
Ion Ratio Lower Upper
166 100
165 98.1 80.0 120.0
167 13.6 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 23.778 ng
RT: 15.091 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

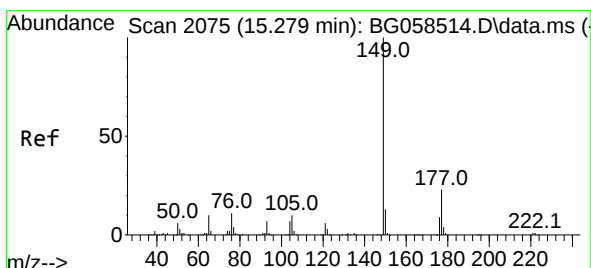
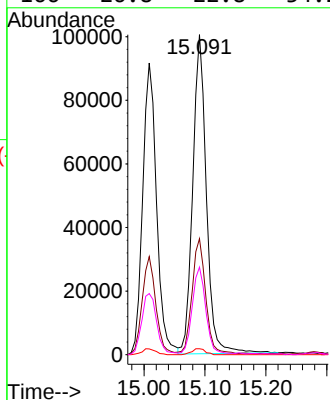
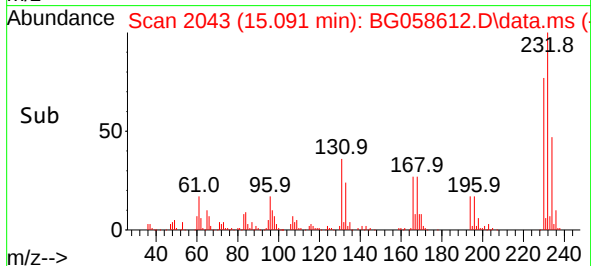
Instrument :
BNA_G
ClientSampleId :
RBR200018MSD



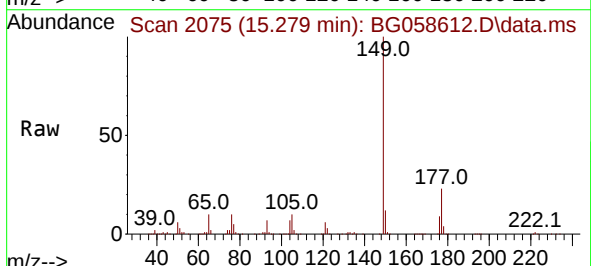
Tgt Ion:232 Resp: 15554
Ion Ratio Lower Upper
232 100
131 36.0 30.0 45.0
130 1.9 1.5 2.3
166 26.8 22.8 34.2

Manual Integrations
APPROVED

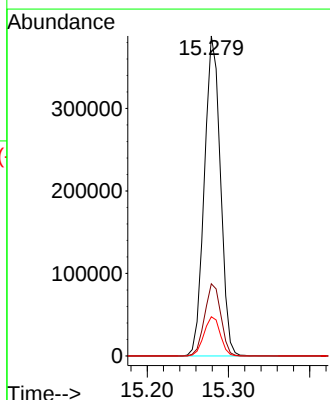
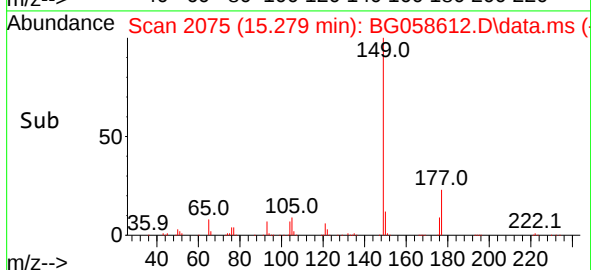
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

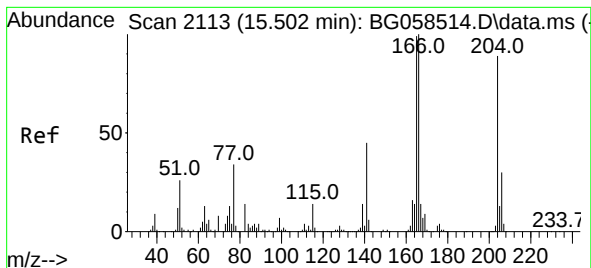


#60
Diethylphthalate
Concen: 22.538 ng
RT: 15.279 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29



Tgt Ion:149 Resp: 531511
Ion Ratio Lower Upper
149 100
177 22.5 18.2 27.4
150 12.3 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 22.750 ng
RT: 15.502 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

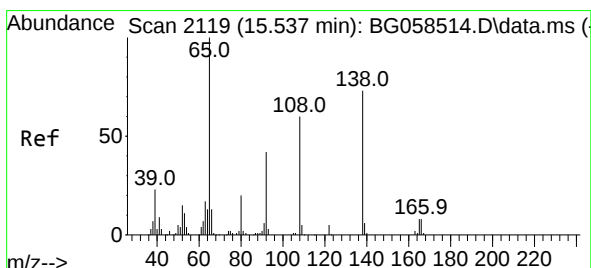
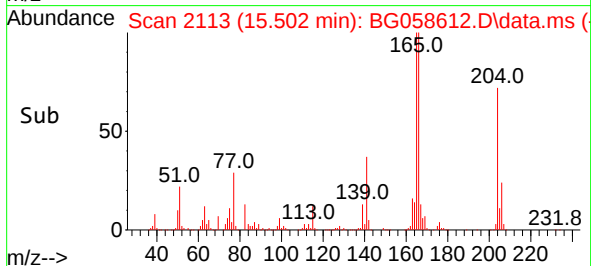
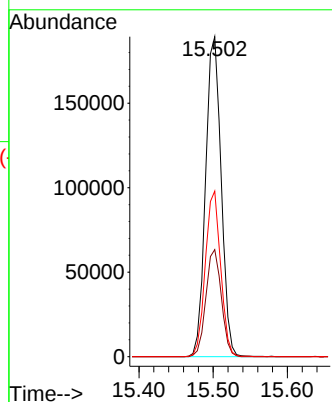
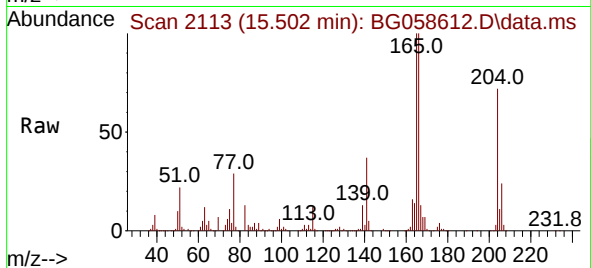
RBR200018MSD

Tgt Ion:204 Resp: 276438
Ion Ratio Lower Upper
204 100
206 33.4 27.0 40.4
141 51.7 40.8 61.2

Manual Integrations

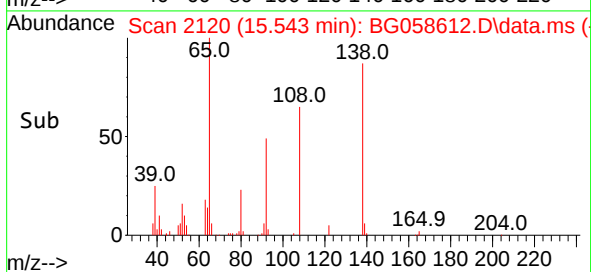
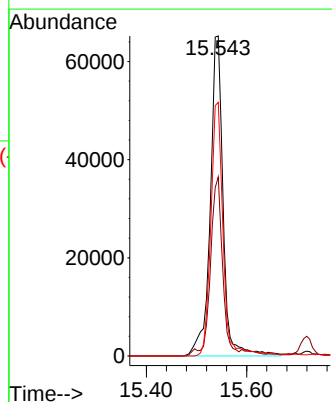
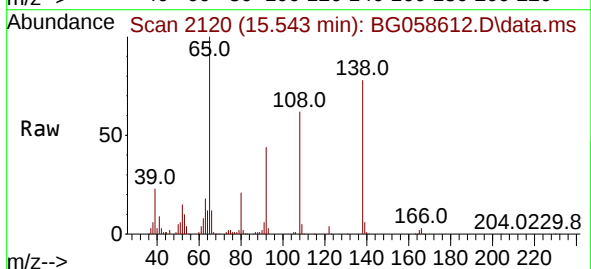
APPROVED

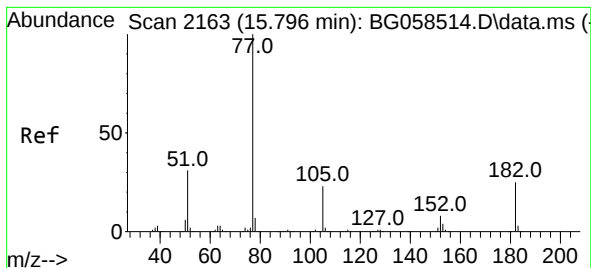
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#62
4-Nitroaniline
Concen: 24.177 ng
RT: 15.543 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Tgt Ion:138 Resp: 116388
Ion Ratio Lower Upper
138 100
92 56.0 37.3 77.3
108 79.2 62.6 102.6





#63

Azobenzene

Concen: 22.894 ng

RT: 15.796 min Scan# 2163

Delta R.T. -0.000 min

Lab File: BG058612.D

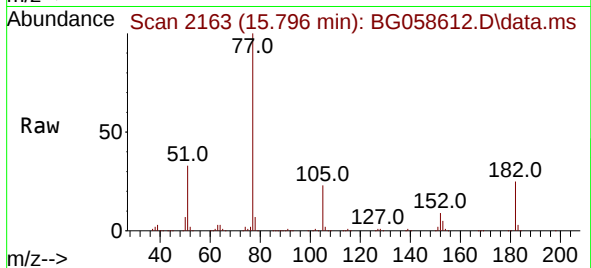
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD



Tgt Ion: 77 Resp: 53178

Ion Ratio Lower Upper

77 100

182 25.3 4.6 44.6

105 23.3 3.3 43.3

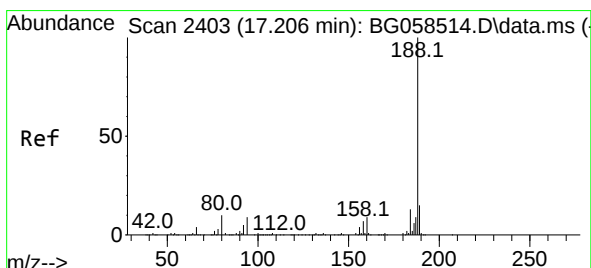
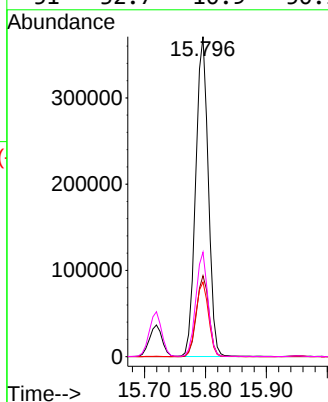
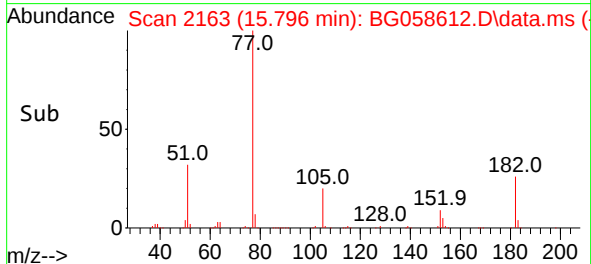
51 32.7 10.9 50.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.206 min Scan# 2403

Delta R.T. -0.000 min

Lab File: BG058612.D

Acq: 4 Aug 2023 15:29

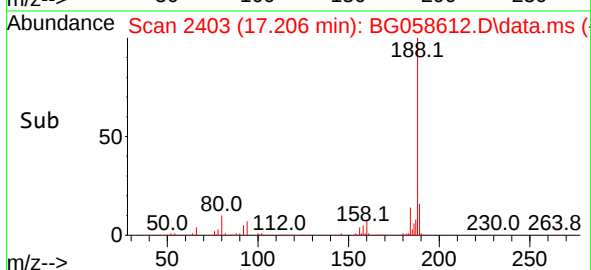
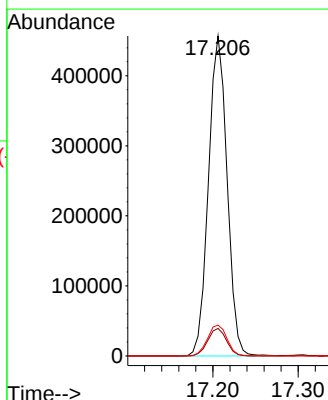
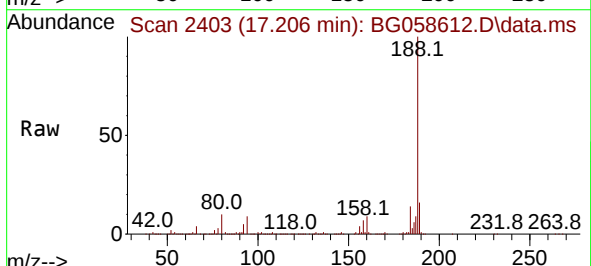
Tgt Ion:188 Resp: 692107

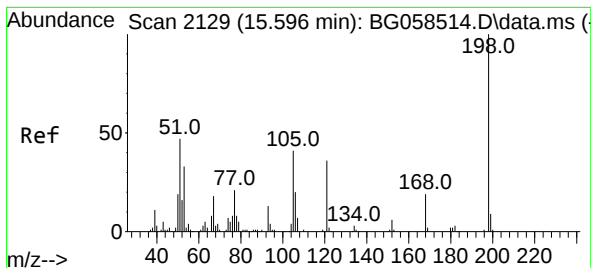
Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 9.7 8.1 12.1





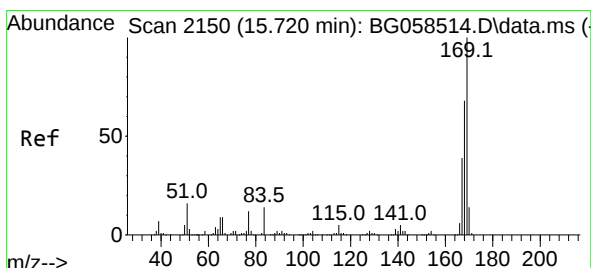
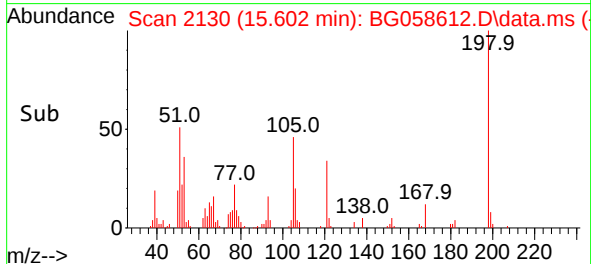
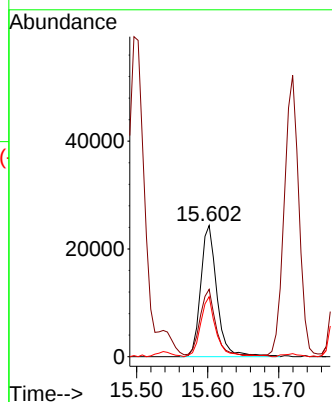
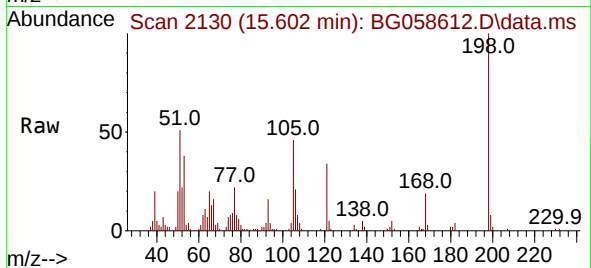
#65
4,6-Dinitro-2-methylphenol
Concen: 10.155 ng
RT: 15.602 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :
BNA_G
ClientSampleId :
RBR200018MSD

Tgt Ion:198 Resp: 38754
Ion Ratio Lower Upper
198 100
51 51.3 29.3 69.3
105 45.7 21.0 61.0

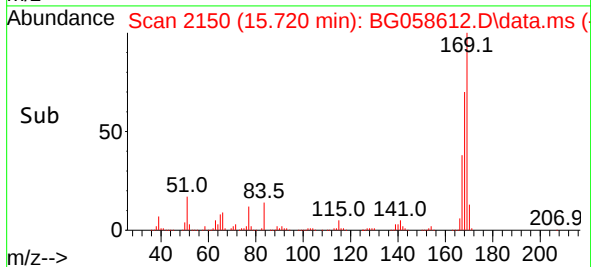
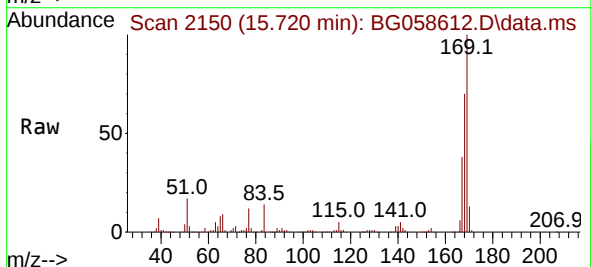
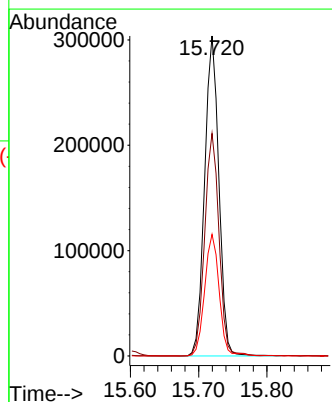
Manual Integrations
APPROVED

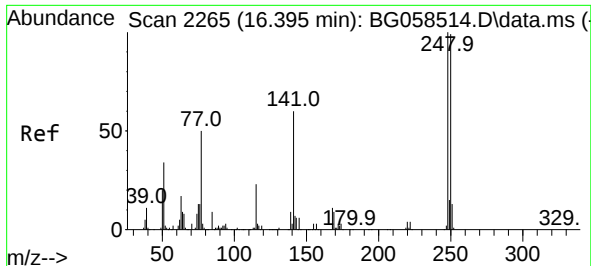
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#66
n-Nitrosodiphenylamine
Concen: 24.491 ng
RT: 15.720 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

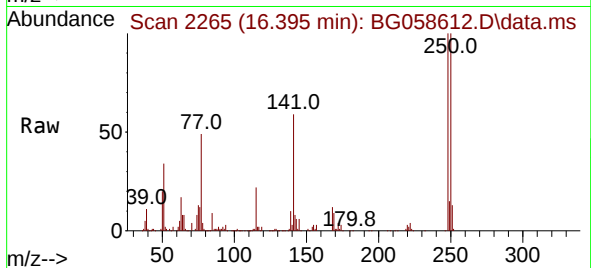
Tgt Ion:169 Resp: 441178
Ion Ratio Lower Upper
169 100
168 69.6 54.6 82.0
167 38.0 31.3 46.9





#67
4-Bromophenyl-phenylether
Concen: 24.360 ng
RT: 16.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

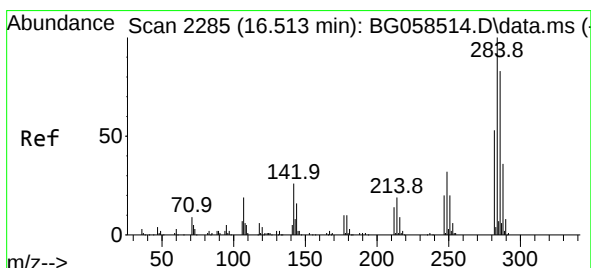
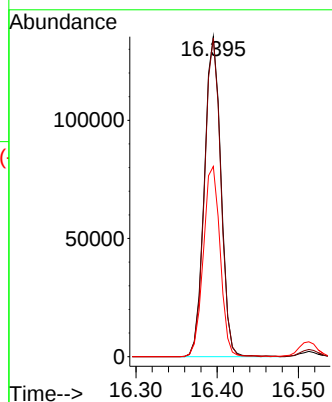
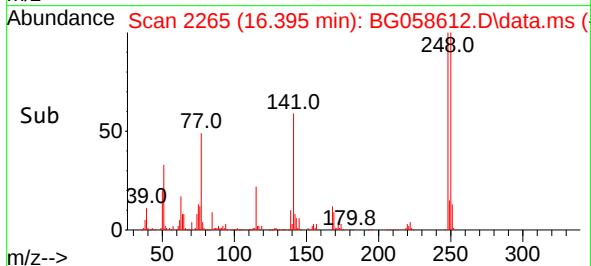
Instrument :
BNA_G
ClientSampleId :
RBR200018MSD



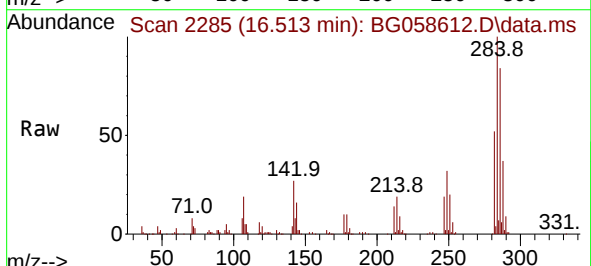
Tgt Ion:248 Resp: 191220
Ion Ratio Lower Upper
248 100
250 99.5 79.5 119.3
141 59.5 48.2 72.2

Manual Integrations
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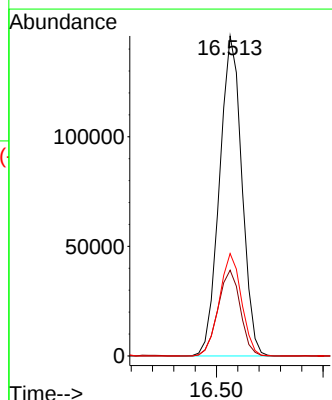
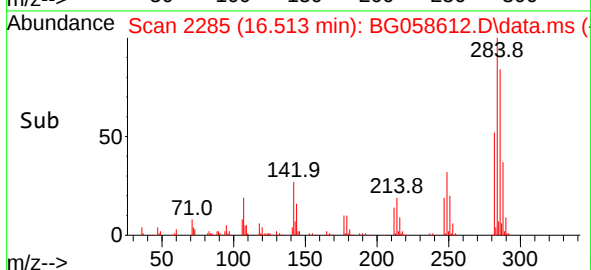
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

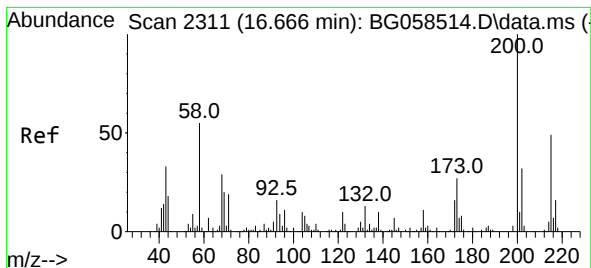


#68
Hexachlorobenzene
Concen: 25.520 ng
RT: 16.513 min Scan# 2285
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29



Tgt Ion:284 Resp: 212286
Ion Ratio Lower Upper
284 100
142 26.8 21.0 31.4
249 32.0 25.5 38.3





#69

Atrazine

Concen: 29.069 ng

RT: 16.671 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG058612.D

Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD

Tgt Ion:200 Resp: 176770

Ion Ratio Lower Upper

200 100

173 25.3 6.5 46.5

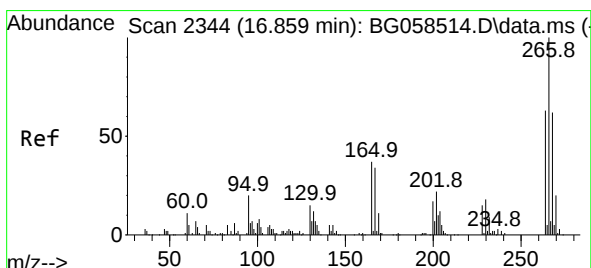
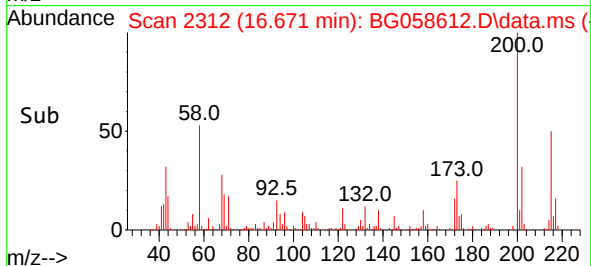
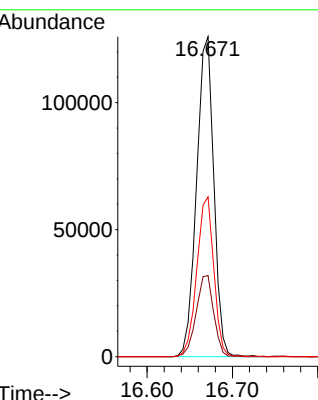
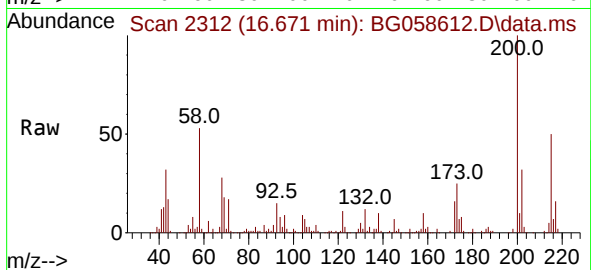
215 50.0 28.9 68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023



#70

Pentachlorophenol

Concen: 25.101 ng

RT: 16.865 min Scan# 2345

Delta R.T. 0.006 min

Lab File: BG058612.D

Acq: 4 Aug 2023 15:29

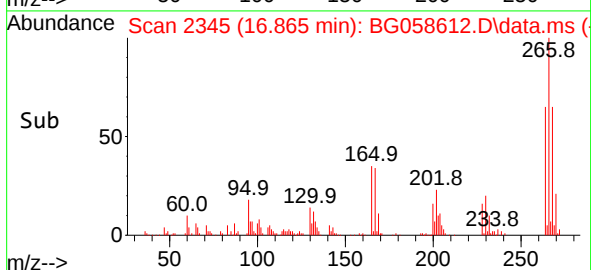
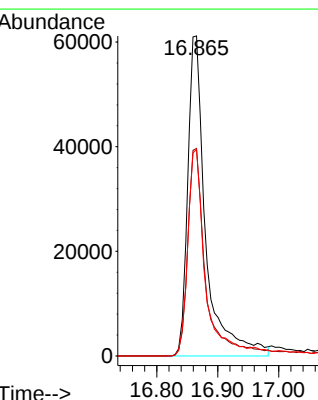
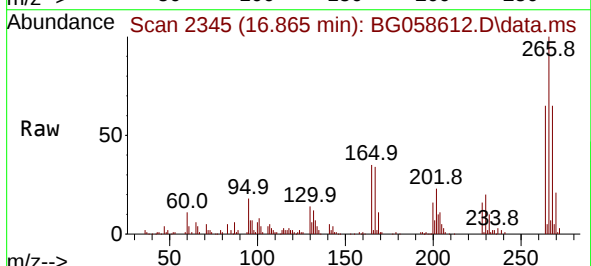
Tgt Ion:266 Resp: 126379

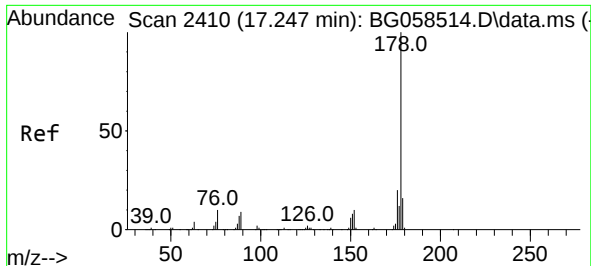
Ion Ratio Lower Upper

266 100

268 64.8 49.9 74.9

264 64.6 50.2 75.4





#71
Phenanthrene
Concen: 23.941 ng
RT: 17.247 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

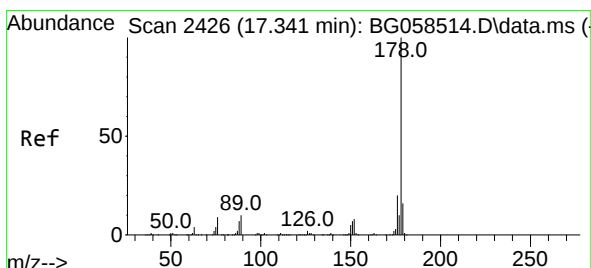
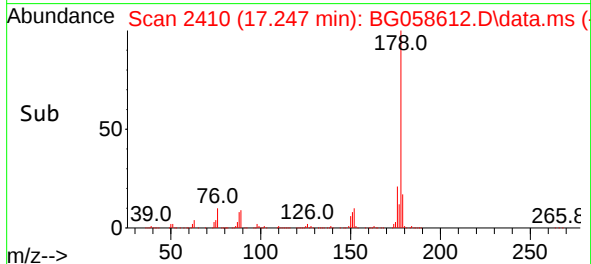
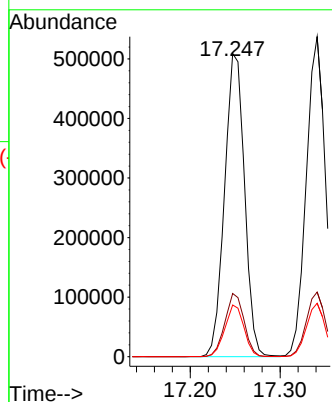
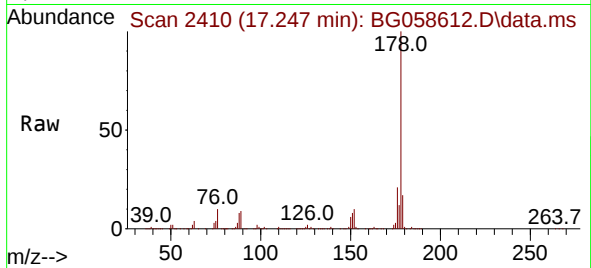
RBR200018MSD

Tgt Ion:178 Resp: 78582
Ion Ratio Lower Upper
178 100
176 20.9 16.3 24.5
179 17.1 13.1 19.7

Manual Integrations

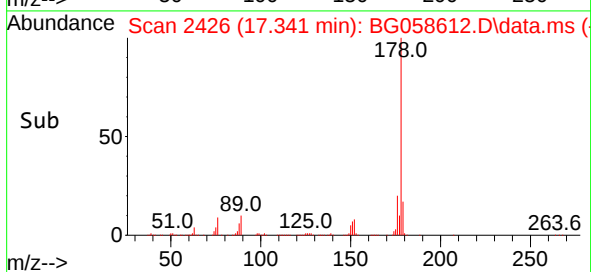
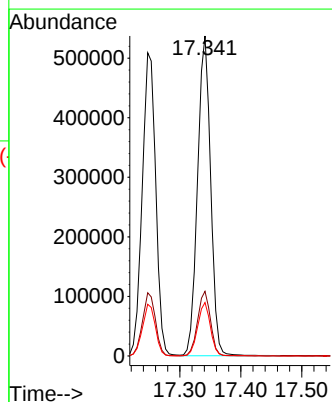
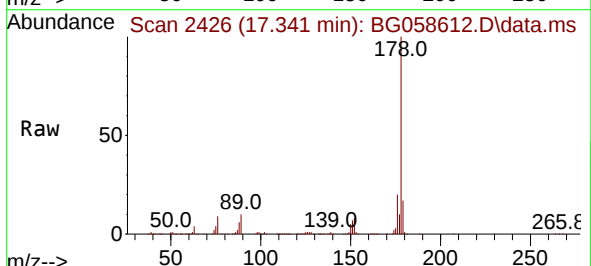
APPROVED

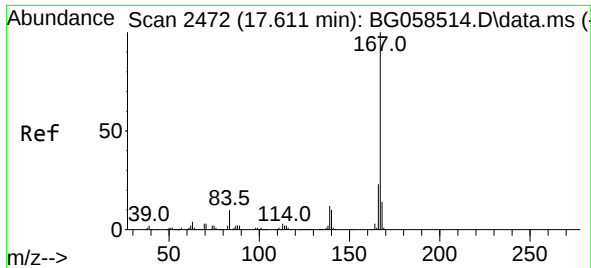
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#72
Anthracene
Concen: 23.773 ng
RT: 17.341 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

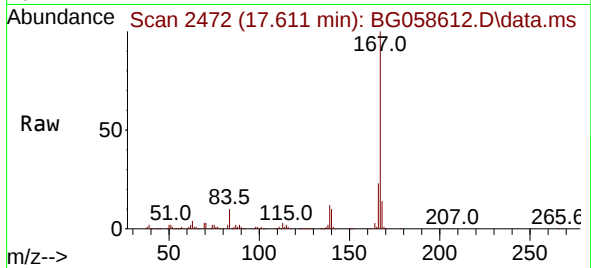
Tgt Ion:178 Resp: 800643
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 16.7 12.9 19.3





#73
 Carbazole
 Concen: 25.219 ng
 RT: 17.611 min Scan# 2472
 Delta R.T. -0.000 min
 Lab File: BG058612.D
 Acq: 4 Aug 2023 15:29

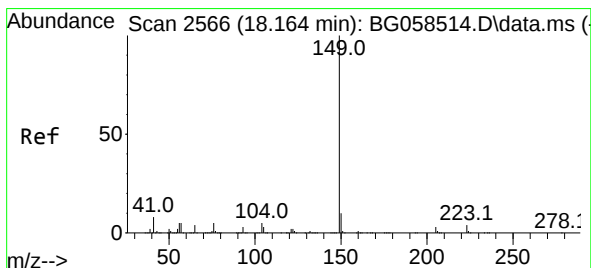
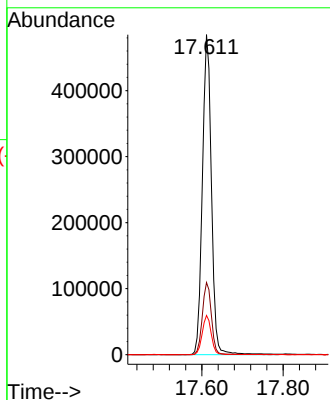
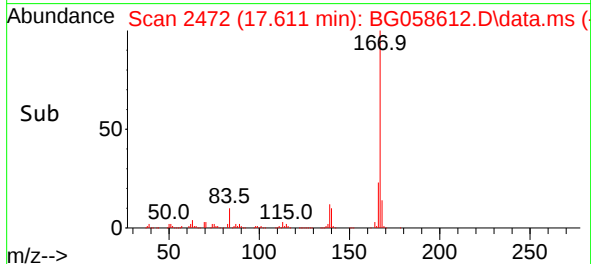
Instrument :
 BNA_G
 ClientSampleId :
 RBR200018MSD



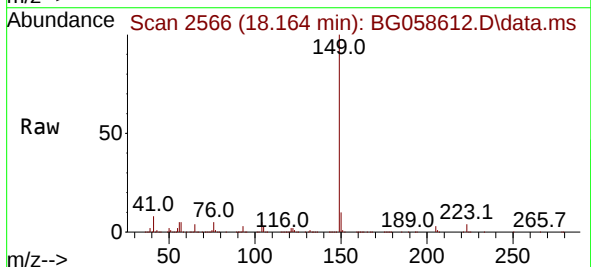
Tgt Ion:167 Resp: 748988
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.4 27.6
 139 12.2 10.0 15.0

Manual Integrations
 APPROVED

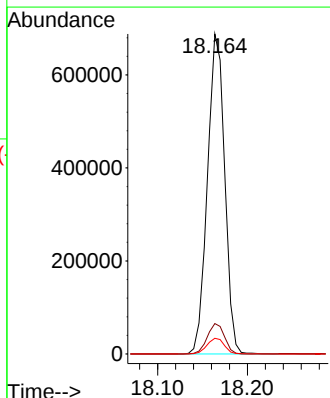
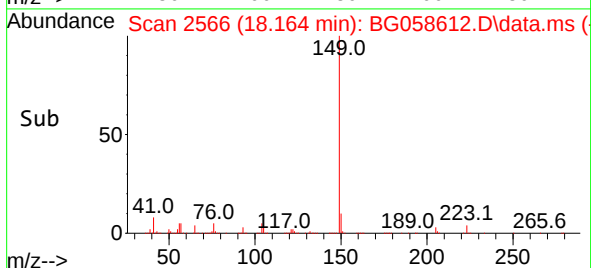
Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/07/2023

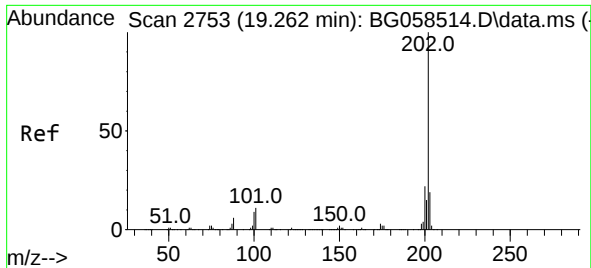


#74
 Di-n-butylphthalate
 Concen: 24.693 ng
 RT: 18.164 min Scan# 2566
 Delta R.T. -0.000 min
 Lab File: BG058612.D
 Acq: 4 Aug 2023 15:29



Tgt Ion:149 Resp: 918548
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 4.9 4.0 6.0





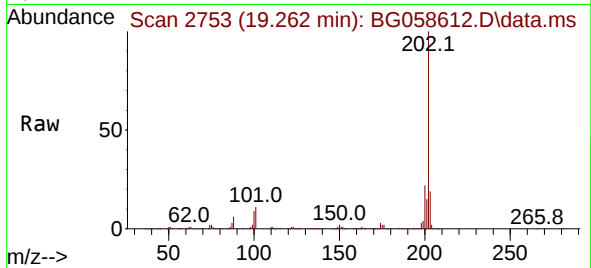
#75
Fluoranthene
Concen: 23.891 ng
RT: 19.262 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD



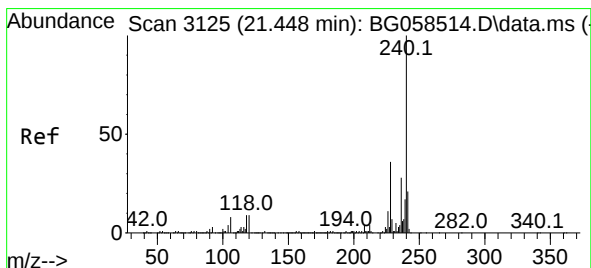
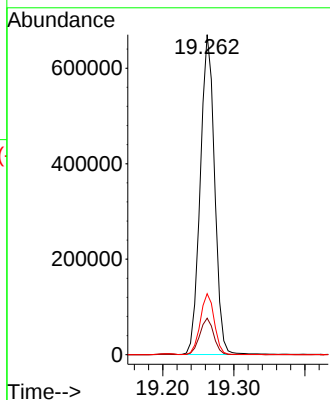
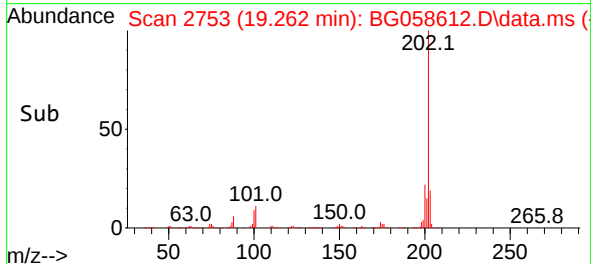
Tgt Ion:202 Resp: 941940
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 19.1 0.0 39.0

Manual Integrations

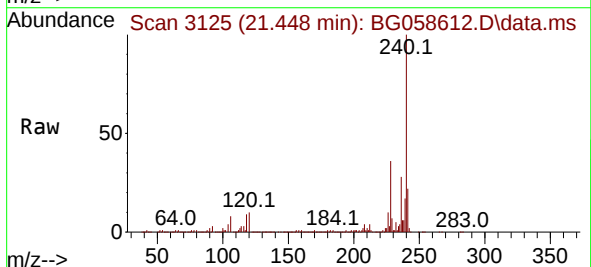
APPROVED

Reviewed By :Yogesh Patel 08/07/2023

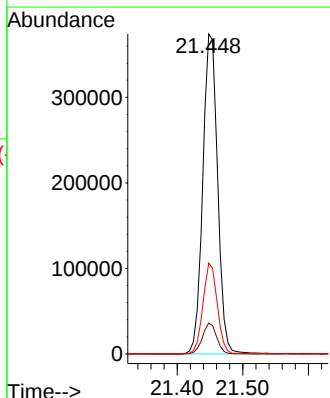
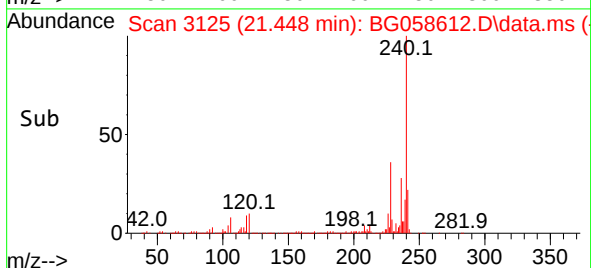
Supervised By :mohammad ahmed 08/07/2023

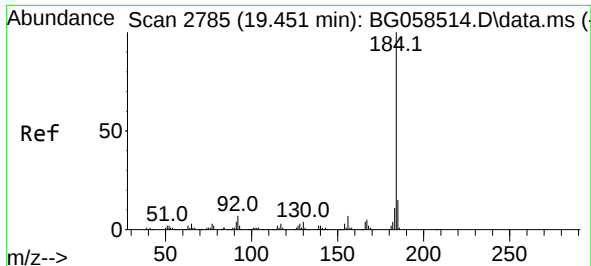


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29



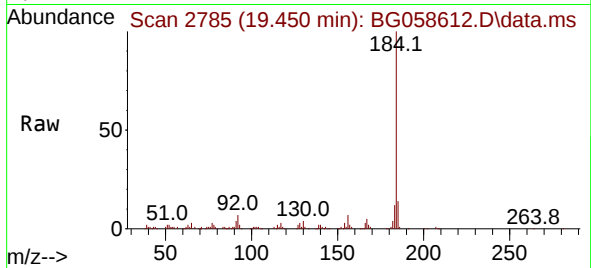
Tgt Ion:240 Resp: 590619
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.0
236 28.4 22.2 33.4





#77
Benzidine
Concen: 13.315 ng
RT: 19.450 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

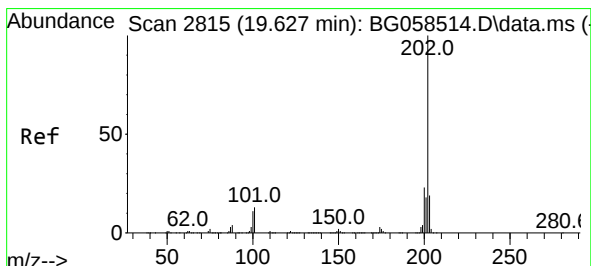
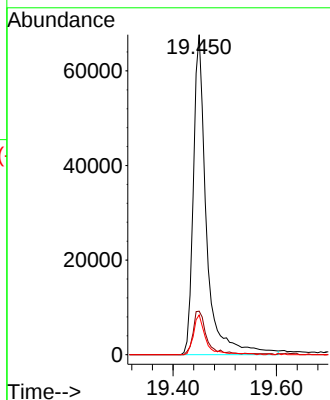
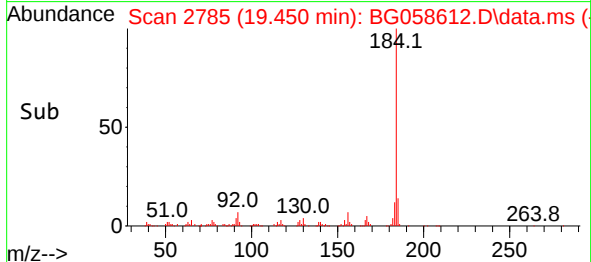
Instrument :
BNA_G
ClientSampleId :
RBR200018MSD



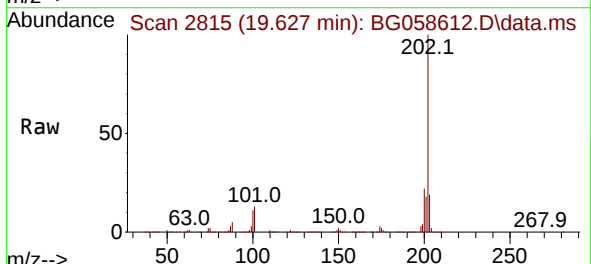
Tgt Ion:184 Resp: 119254
Ion Ratio Lower Upper
184 100
185 13.6 11.9 17.9
183 12.4 8.7 13.1

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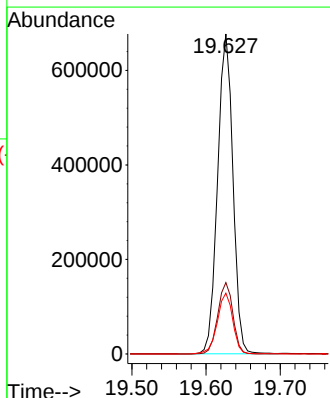
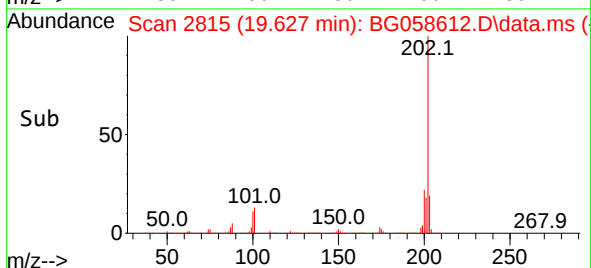
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

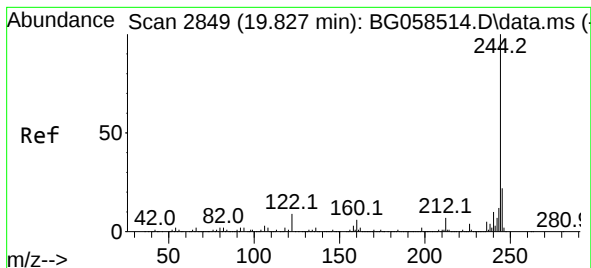


#78
Pyrene
Concen: 24.167 ng
RT: 19.627 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29



Tgt Ion:202 Resp: 971378
Ion Ratio Lower Upper
202 100
200 22.3 18.2 27.2
203 19.0 15.1 22.7





#79

Terphenyl-d14

Concen: 49.326 ng

RT: 19.826 min Scan# 2849

Delta R.T. -0.000 min

Lab File: BG058612.D

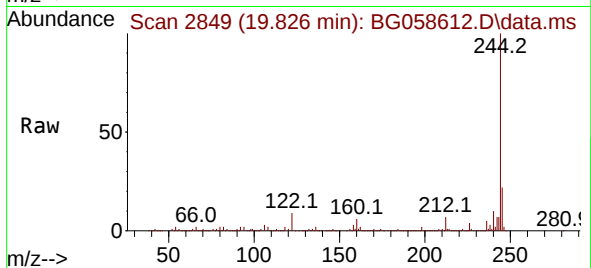
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD



Tgt Ion:244 Resp: 1549190

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

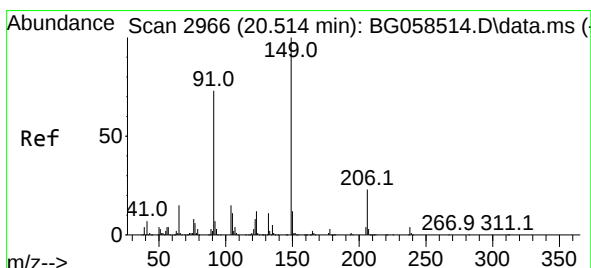
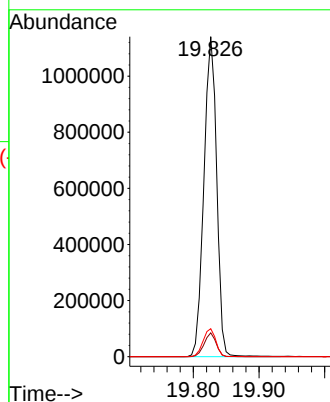
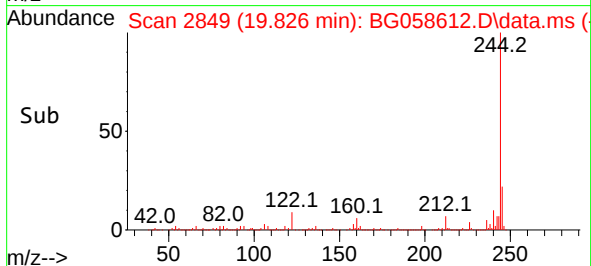
122 8.7 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023



#80

Butylbenzylphthalate

Concen: 25.106 ng

RT: 20.514 min Scan# 2966

Delta R.T. -0.000 min

Lab File: BG058612.D

Acq: 4 Aug 2023 15:29

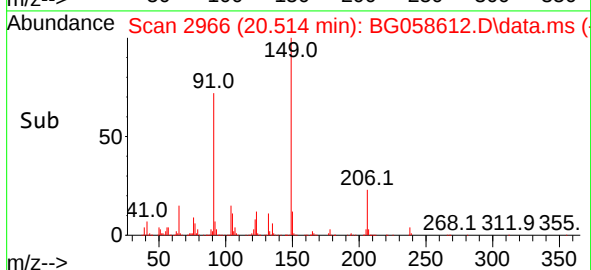
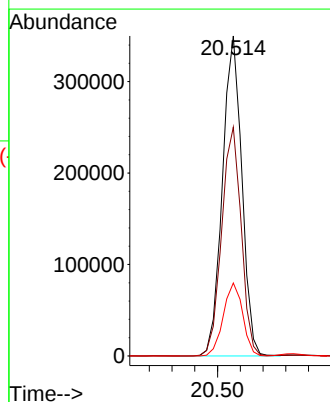
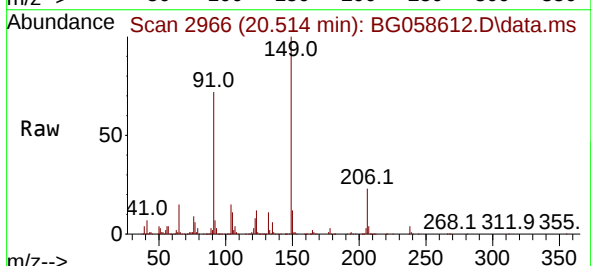
Tgt Ion:149 Resp: 414504

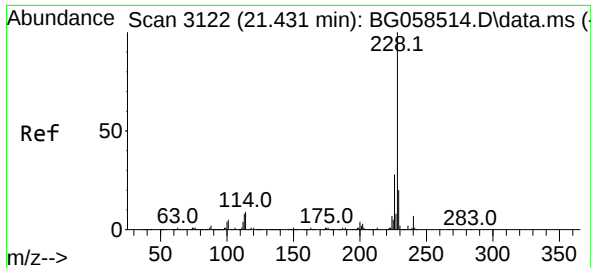
Ion Ratio Lower Upper

149 100

91 71.5 58.4 87.6

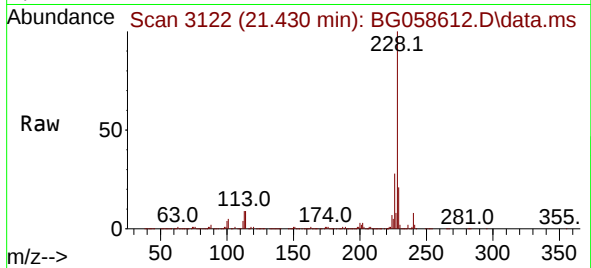
206 22.8 18.3 27.5





#81
Benzo(a)anthracene
Concen: 24.453 ng
RT: 21.430 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

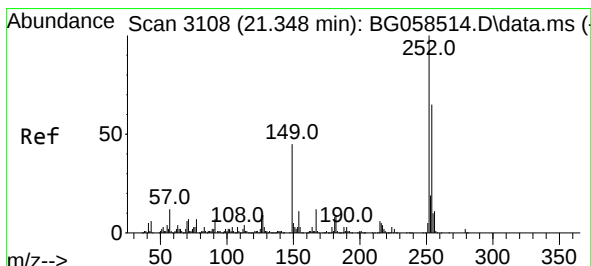
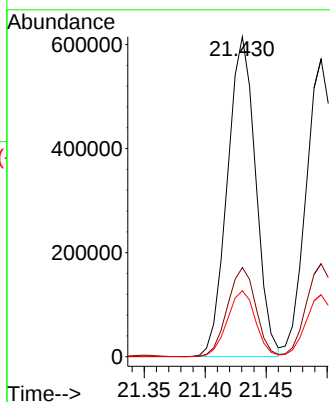
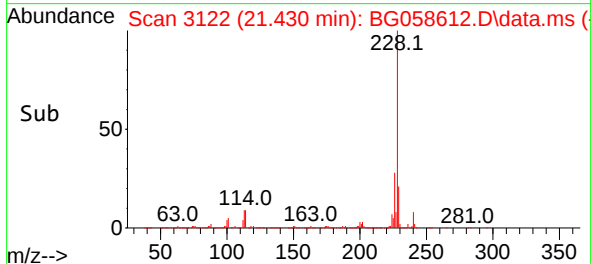
Instrument :
BNA_G
ClientSampleId :
RBR200018MSD



Tgt Ion:228 Resp: 993920
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.6 16.3 24.5

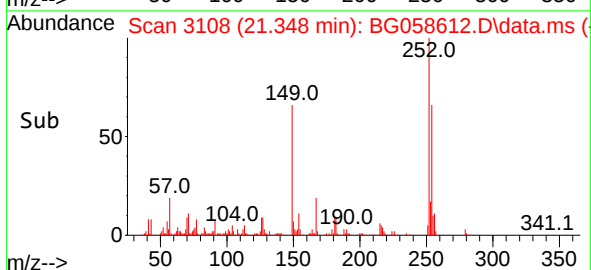
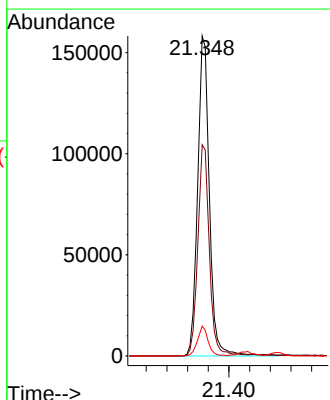
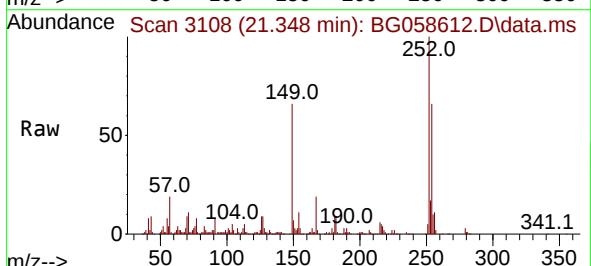
Manual Integrations
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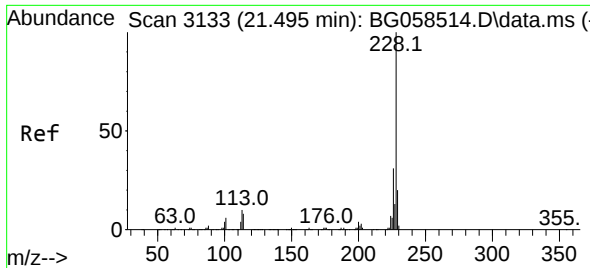
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#82
3,3'-Dichlorobenzidine
Concen: 18.143 ng
RT: 21.348 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Tgt Ion:252 Resp: 249328
Ion Ratio Lower Upper
252 100
254 66.0 52.2 78.4
126 9.4 7.2 10.8





#83

Chrysene

Concen: 23.865 ng

RT: 21.495 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BG058612.D

Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD

Tgt Ion:228 Resp: 93003

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

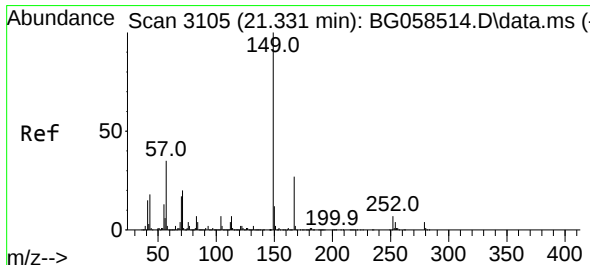
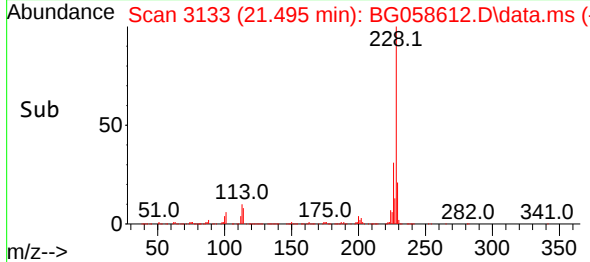
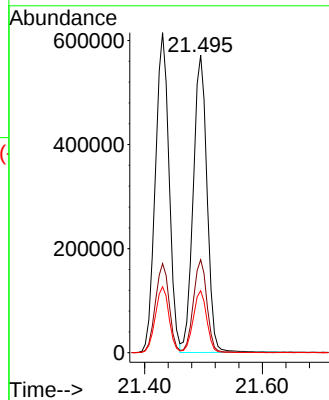
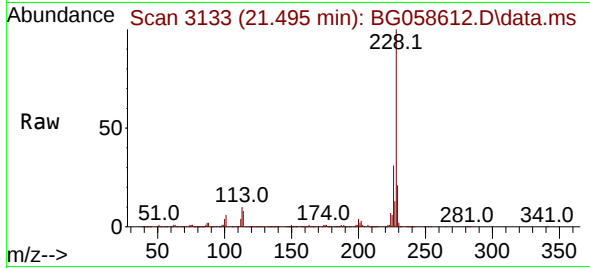
229 20.8 16.3 24.5

Manual Integrations

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Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 24.728 ng

RT: 21.336 min Scan# 3106

Delta R.T. 0.006 min

Lab File: BG058612.D

Acq: 4 Aug 2023 15:29

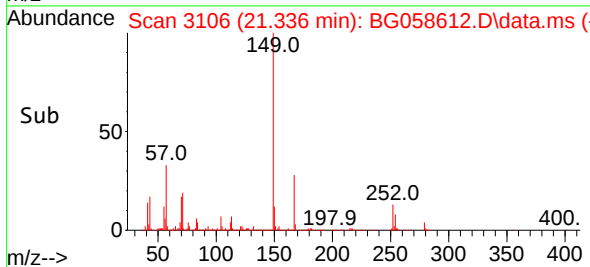
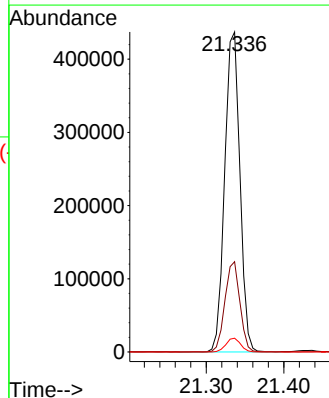
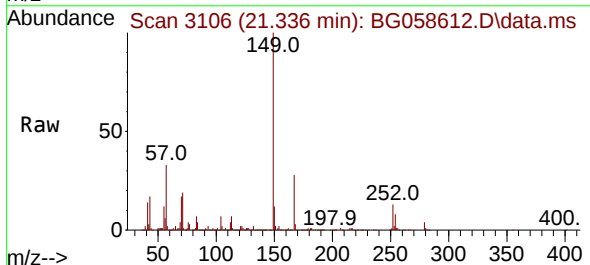
Tgt Ion:149 Resp: 596611

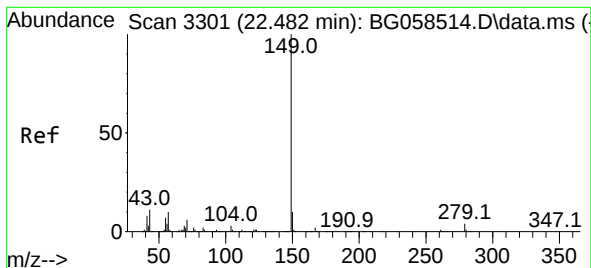
Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

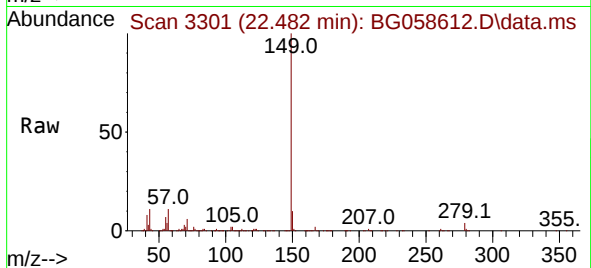
279 4.3 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 25.168 ng
RT: 22.482 min Scan# 3301
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

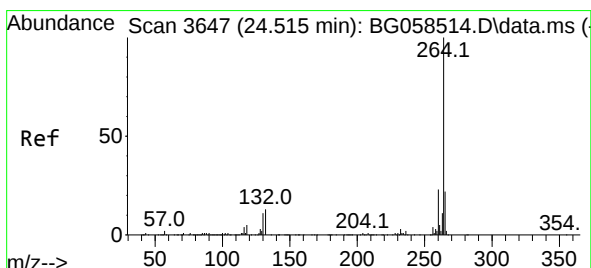
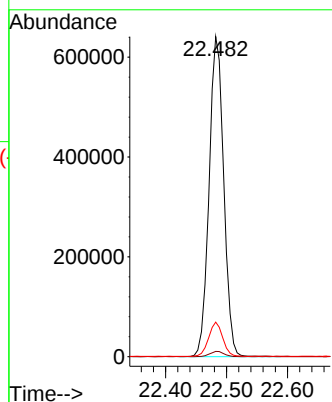
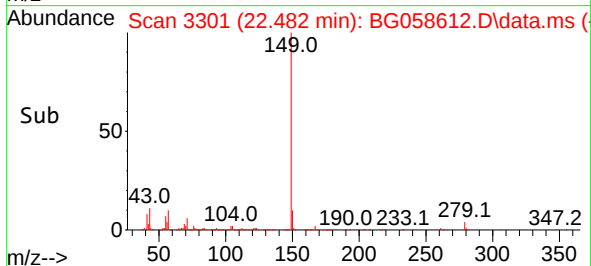
Instrument :
BNA_G
ClientSampleId :
RBR200018MSD



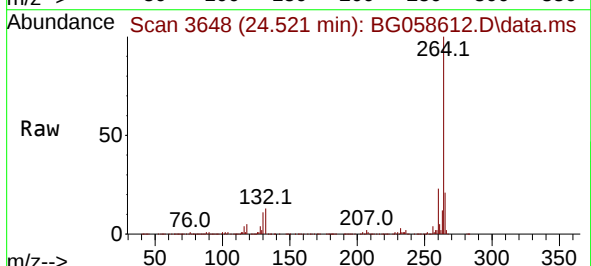
Tgt Ion:149 Resp: 106760
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.3 8.2 12.2

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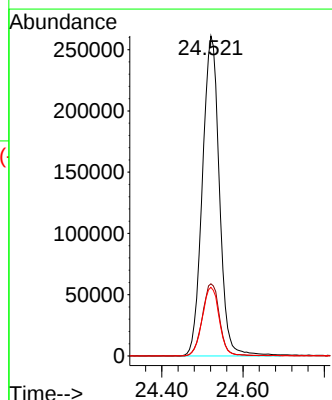
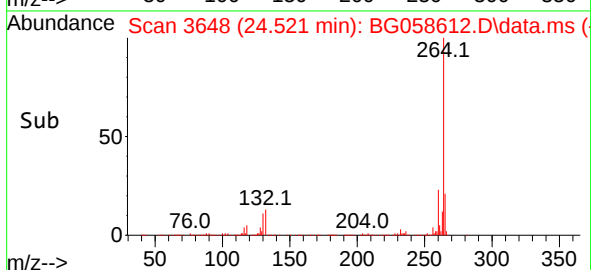
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

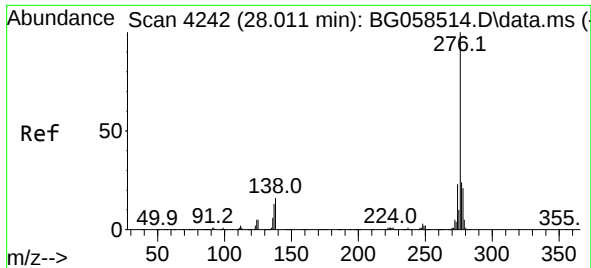


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.521 min Scan# 3648
Delta R.T. 0.006 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29



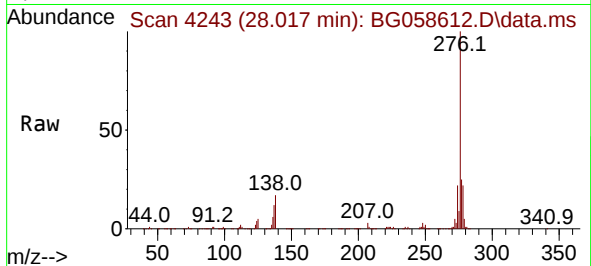
Tgt Ion:264 Resp: 758454
Ion Ratio Lower Upper
264 100
260 22.6 18.4 27.6
265 21.4 17.9 26.9





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 24.050 ng
 RT: 28.017 min Scan# 4243
 Delta R.T. 0.006 min
 Lab File: BG058612.D
 Acq: 4 Aug 2023 15:29

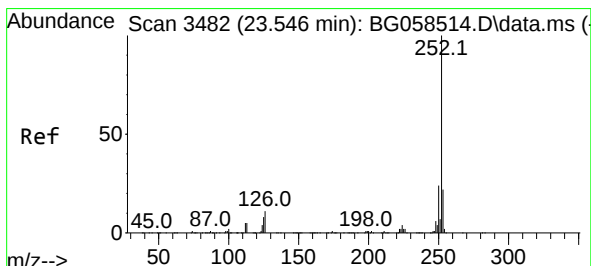
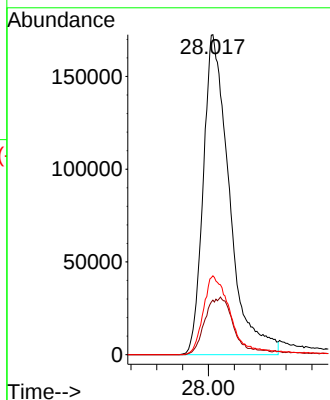
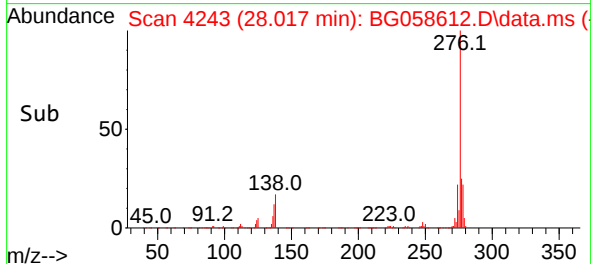
Instrument :
 BNA_G
 ClientSampleId :
 RBR200018MSD



Tgt Ion:276 Resp: 121348
 Ion Ratio Lower Upper
 276 100
 138 0.0 16.0 24.0
 277 25.7 20.4 30.6

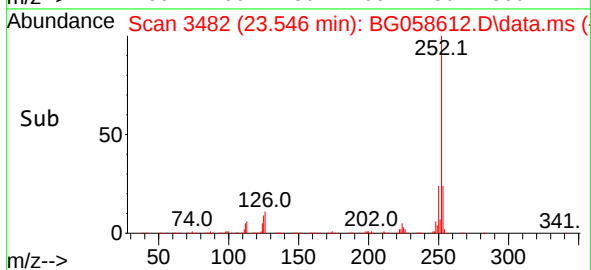
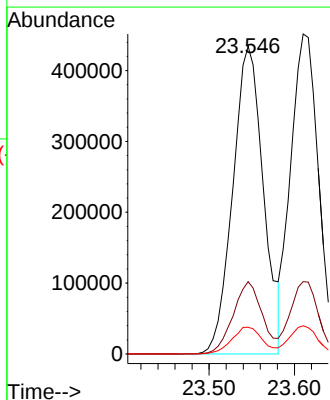
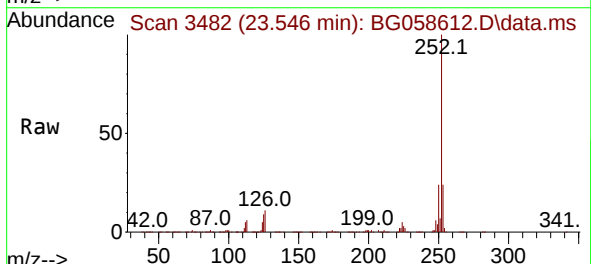
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/07/2023



#88
 Benzo(b)fluoranthene
 Concen: 26.304 ng
 RT: 23.546 min Scan# 3482
 Delta R.T. -0.000 min
 Lab File: BG058612.D
 Acq: 4 Aug 2023 15:29

Tgt Ion:252 Resp: 1082070
 Ion Ratio Lower Upper
 252 100
 253 23.5 17.8 26.8
 125 8.7 6.6 9.8





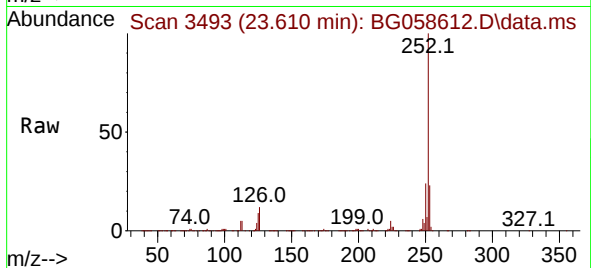
#89
Benzo(k)fluoranthene
Concen: 24.983 ng
RT: 23.610 min Scan# 3493
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Instrument :

BNA_G

ClientSampleId :

RBR200018MSD

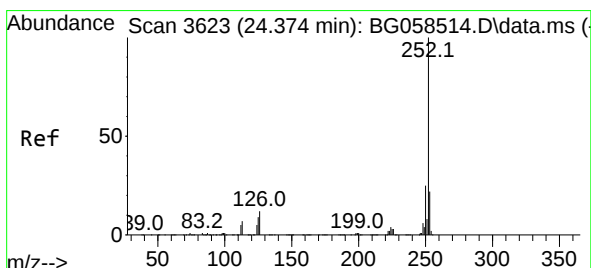
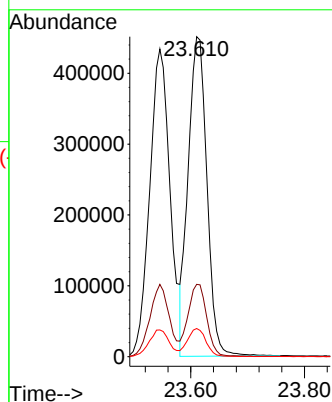
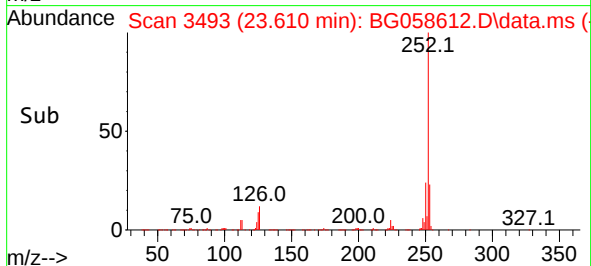


Tgt Ion:252 Resp: 1032439
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 8.8 6.6 10.0

Manual Integrations

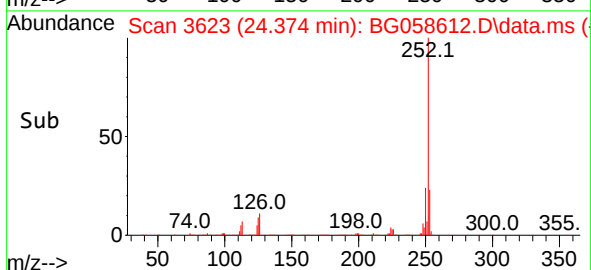
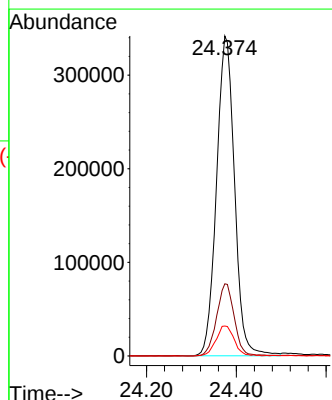
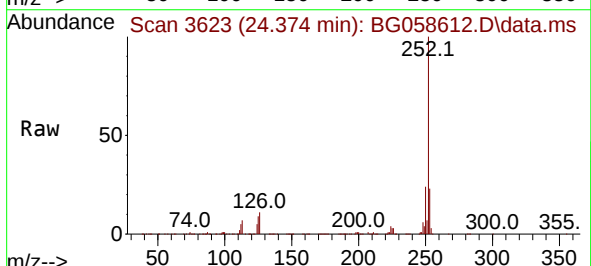
APPROVED

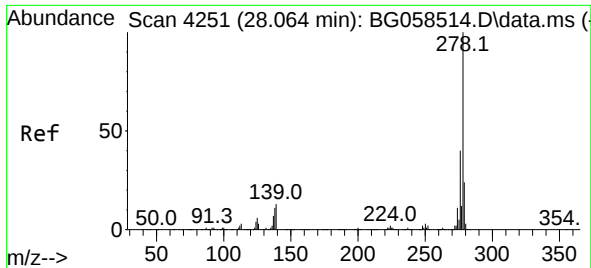
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#90
Benzo(a)pyrene
Concen: 23.592 ng
RT: 24.374 min Scan# 3623
Delta R.T. -0.000 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

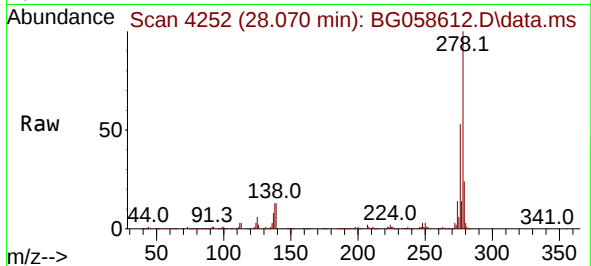
Tgt Ion:252 Resp: 953111
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 9.3 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 25.044 ng
RT: 28.070 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

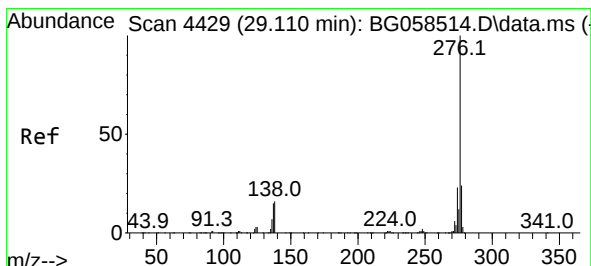
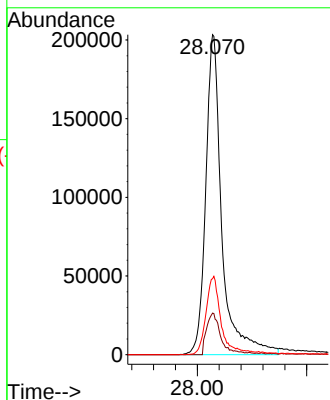
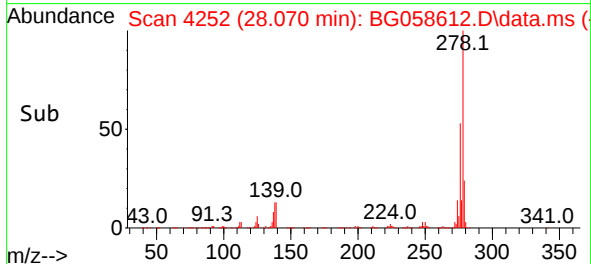
Instrument :
BNA_G
ClientSampleId :
RBR200018MSD



Tgt Ion:278 Resp: 104488
Ion Ratio Lower Upper
278 100
139 13.0 10.4 15.6
279 23.7 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#92
Benzo(g,h,i)perylene
Concen: 22.955 ng
RT: 29.116 min Scan# 4430
Delta R.T. 0.006 min
Lab File: BG058612.D
Acq: 4 Aug 2023 15:29

Tgt Ion:276 Resp: 960339
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 16.5 13.0 19.4

