

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058623.D
 Acq On : 7 Aug 2023 12:11
 Operator : MA/JU
 Sample : PB154530BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154530BSD

Manual Integrations
 APPROVED

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

Quant Time: Aug 07 13:00:27 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	7.814	152	43754	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	193750	20.000	ng	0.00
39) Acenaphthene-d10	14.465	164	145163	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	365347	20.000	ng	0.00
76) Chrysene-d12	21.451	240	322013	20.000	ng	0.00
86) Perylene-d12	24.524	264	405292	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	425356	148.590	ng	0.00
7) Phenol-d6	6.991	99	594949	149.361	ng	0.00
23) Nitrobenzene-d5	8.977	82	356149	90.302	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	324619	136.433	ng	0.00
45) 2-Fluorobiphenyl	13.084	172	830407	85.727	ng	0.00
79) Terphenyl-d14	19.829	244	1598032	93.324	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.266	88	48468	34.941	ng	99
3) Pyridine	3.660	79	124988	33.049	ng	97
4) n-Nitrosodimethylamine	3.584	42	70165	43.788	ng	98
6) Aniline	7.138	93	199967	40.774	ng	98
8) 2-Chlorophenol	7.379	128	155623	55.415	ng	99
9) Benzaldehyde	6.950	77	65854	30.430	ng	99
10) Phenol	7.015	94	218917	56.262	ng	99
11) bis(2-Chloroethyl)ether	7.238	93	146434	47.736	ng	98
12) 1,3-Dichlorobenzene	7.702	146	143671	47.910	ng	100
13) 1,4-Dichlorobenzene	7.849	146	148021	49.160	ng	99
14) 1,2-Dichlorobenzene	8.166	146	145995	50.715	ng	97
15) Benzyl Alcohol	8.055	79	150585	59.611	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.343	45	254741	51.123	ng	99
17) 2-Methylphenol	8.266	107	148355	52.145	ng	97
18) Hexachloroethane	8.889	117	54300	49.616	ng	96
19) n-Nitroso-di-n-propyla...	8.619	70	127971	49.738	ng	99
20) 3+4-Methylphenols	8.589	107	208436	54.162	ng	99
22) Acetophenone	8.636	105	246313	47.479	ng	98
24) Nitrobenzene	9.018	77	183711	45.818	ng	97
25) Isophorone	9.541	82	383342	47.042	ng	100
26) 2-Nitrophenol	9.729	139	86024	49.287	ng	98
27) 2,4-Dimethylphenol	9.794	122	145234	50.166	ng	98
28) bis(2-Chloroethoxy)met...	10.023	93	214146	48.288	ng	99
29) 2,4-Dichlorophenol	10.270	162	157923	52.537	ng	98
30) 1,2,4-Trichlorobenzene	10.481	180	161553	46.603	ng	98
31) Naphthalene	10.664	128	470575	46.082	ng	99
32) Benzoic acid	9.958	122	114806	51.570	ng	97
33) 4-Chloroaniline	10.781	127	135829	31.482	ng	98
34) Hexachlorobutadiene	10.946	225	101343	45.395	ng	99
35) Caprolactam	11.562	113	61234m	55.164	ng	
36) 4-Chloro-3-methylphenol	11.915	107	199488	53.648	ng	99
37) 2-Methylnaphthalene	12.279	142	334969	45.857	ng	99
38) 1-Methylnaphthalene	12.503	142	323872	46.643	ng	99
40) 1,2,4,5-Tetrachloroben...	12.649	216	195393	43.843	ng	99
41) Hexachlorocyclopentadiene	12.626	237	197331	94.024	ng	98
43) 2,4,6-Trichlorophenol	12.896	196	149160	48.660	ng	94

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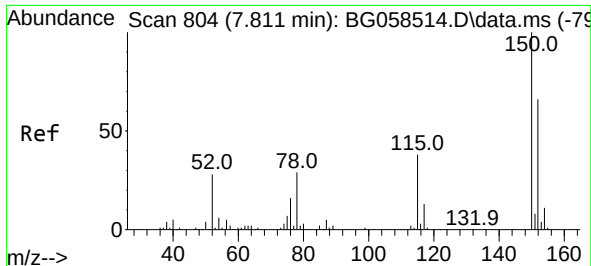
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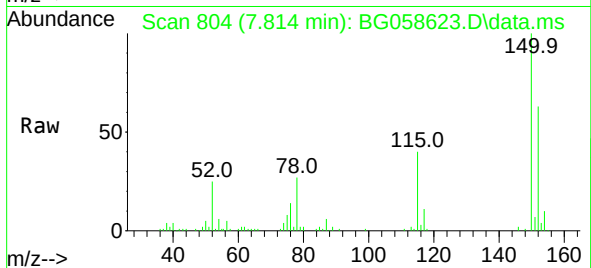
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	166134	46.014	ng	98
46) 1,1'-Biphenyl	13.296	154	453185	45.459	ng	99
47) 2-Chloronaphthalene	13.337	162	361419	46.497	ng	99
48) 2-Nitroaniline	13.548	65	147735	49.795	ng	97
49) Acenaphthylene	14.189	152	614435	47.215	ng	100
50) Dimethylphthalate	13.924	163	518885	47.595	ng	99
51) 2,6-Dinitrotoluene	14.048	165	117776	49.235	ng	99
52) Acenaphthene	14.530	154	345476	45.944	ng	98
53) 3-Nitroaniline	14.377	138	82998	34.679	ng	98
54) 2,4-Dinitrophenol	14.594	184	145354	105.191	ng	96
55) Dibenzofuran	14.864	168	597461	46.239	ng	99
56) 4-Nitrophenol	14.700	139	184011	102.773	ng	97
57) 2,4-Dinitrotoluene	14.841	165	168997	50.959	ng	97
58) Fluorene	15.511	166	480602	46.822	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.094	232	158156	51.334	ng	99
60) Diethylphthalate	15.282	149	538273	48.464	ng	100
61) 4-Chlorophenyl-phenyle...	15.505	204	266662	46.598	ng	98
62) 4-Nitroaniline	15.546	138	120667	53.224	ng	99
63) Azobenzene	15.799	77	517599	47.314	ng	99
65) 4,6-Dinitro-2-methylph...	15.605	198	105539	52.390	ng	98
66) n-Nitrosodiphenylamine	15.722	169	436653	45.920	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	188034	45.377	ng	99
68) Hexachlorobenzene	16.515	284	211146	48.086	ng	99
69) Atrazine	16.674	200	181069	56.408	ng	99
70) Pentachlorophenol	16.862	266	227341	85.538	ng	99
71) Phenanthrene	17.250	178	806105	46.525	ng	100
72) Anthracene	17.344	178	817936	46.008	ng	100
73) Carbazole	17.614	167	780825	49.806	ng	100
74) Di-n-butylphthalate	18.166	149	948464	48.301	ng	100
75) Fluoranthene	19.265	202	992512	47.688	ng	99
77) Benzidine	19.453	184	430945	88.254	ng	98
78) Pyrene	19.629	202	1021764	46.624	ng	98
80) Butylbenzylphthalate	20.517	149	419352	46.586	ng	99
81) Benzo(a)anthracene	21.433	228	1032717	46.601	ng	100
82) 3,3'-Dichlorobenzidine	21.357	252	301615	40.254	ng	100
83) Chrysene	21.498	228	965582	45.445	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	618258	47.000	ng	99
85) Di-n-octyl phthalate	22.491	149	1099286	47.532	ng	100
87) Indeno(1,2,3-cd)pyrene	28.025	276	1318758	48.910	ng	# 90
88) Benzo(b)fluoranthene	23.548	252	1095220	49.823	ng	99
89) Benzo(k)fluoranthene	23.619	252	1055201	47.783	ng	99
90) Benzo(a)pyrene	24.383	252	976783	45.247	ng	99
91) Dibenzo(a,h)anthracene	28.084	278	1088851	48.840	ng	99
92) Benzo(g,h,i)perylene	29.124	276	1069009	47.818	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.814 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

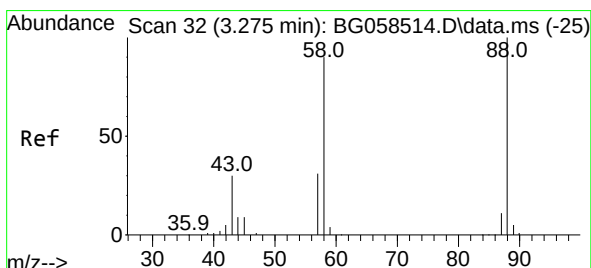
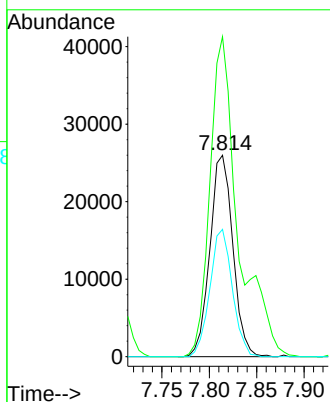
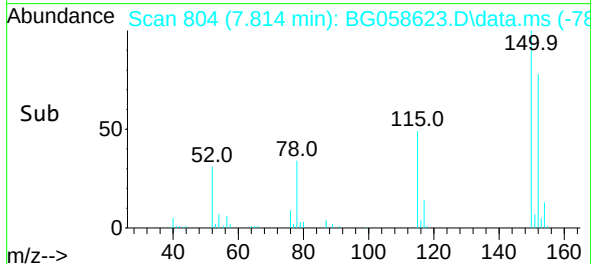
Instrument :
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PB154530BSD



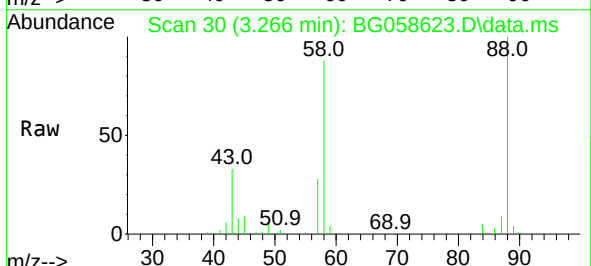
Tgt Ion:152 Resp: 43754
Ion Ratio Lower Upper
152 100
150 158.8 120.5 180.7
115 63.2 45.9 68.9

Manual Integrations
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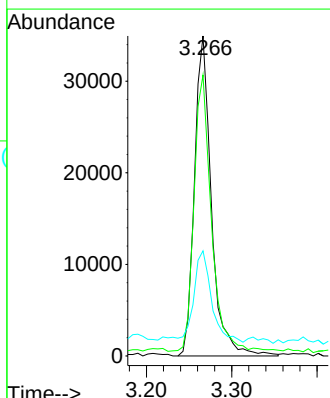
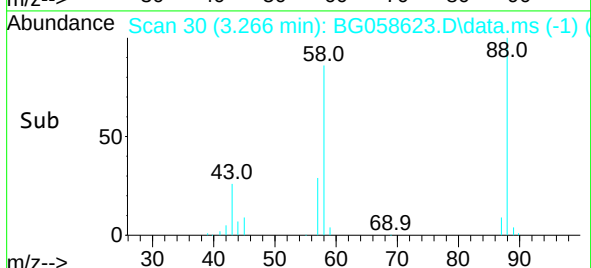
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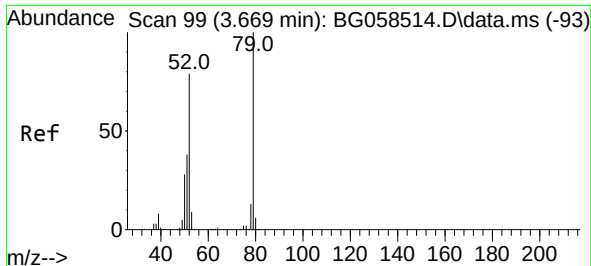


#2
1,4-Dioxane
Concen: 34.941 ng
RT: 3.266 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11



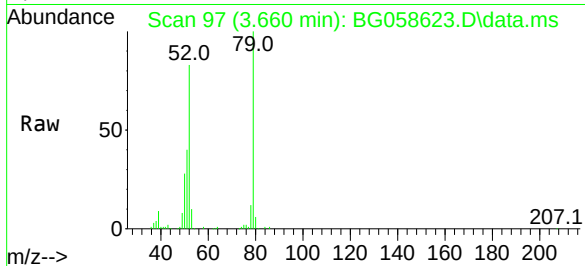
Tgt Ion: 88 Resp: 48468
Ion Ratio Lower Upper
88 100
58 87.2 68.9 103.3
43 29.6 22.9 34.3





#3
 Pyridine
 Concen: 33.049 ng
 RT: 3.660 min Scan# 91
 Delta R.T. -0.009 min
 Lab File: BG058623.D
 Acq: 7 Aug 2023 12:11

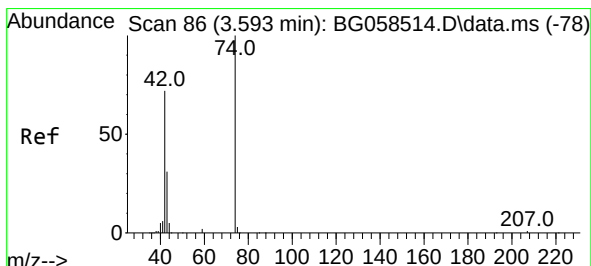
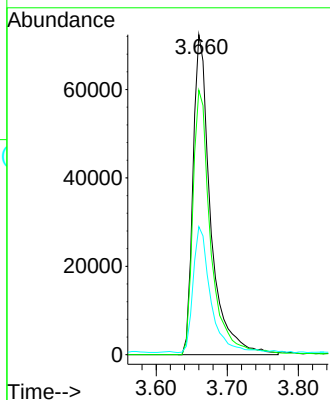
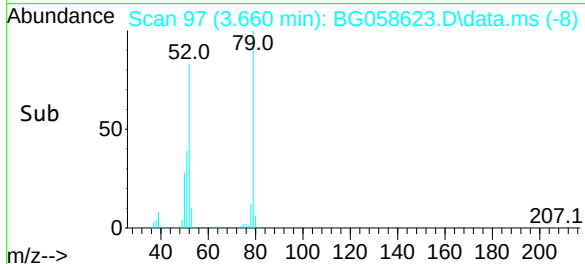
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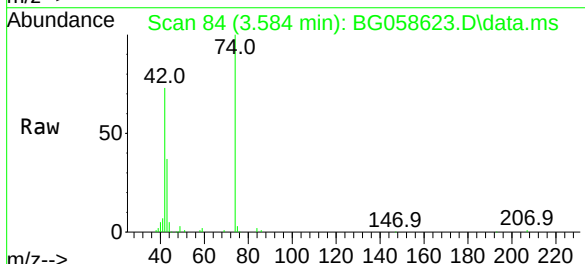
Tgt Ion: 79 Resp: 12498
 Ion Ratio Lower Upper
 79 100
 52 82.6 63.2 94.8
 51 40.0 31.9 47.9

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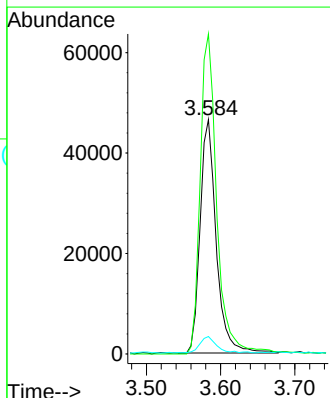
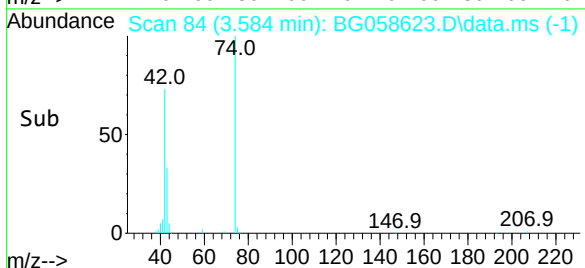
Reviewed By :Yogesh Patel 08/07/2023
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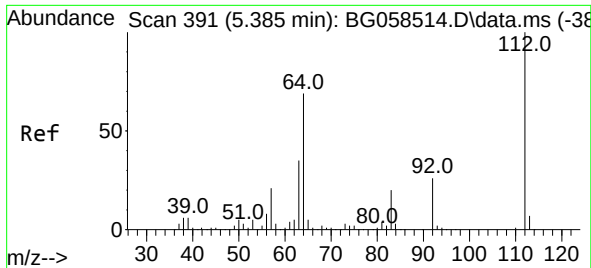


#4
 n-Nitrosodimethylamine
 Concen: 43.788 ng
 RT: 3.584 min Scan# 84
 Delta R.T. -0.009 min
 Lab File: BG058623.D
 Acq: 7 Aug 2023 12:11



Tgt Ion: 42 Resp: 70165
 Ion Ratio Lower Upper
 42 100
 74 136.5 111.5 167.3
 44 7.5 5.4 8.2





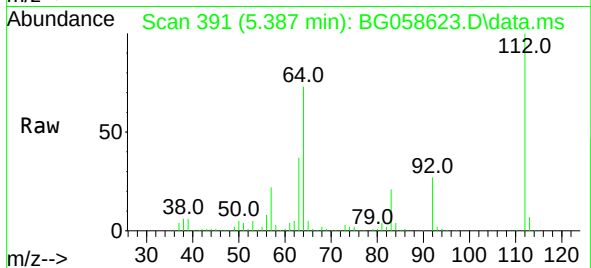
#5
2-Fluorophenol
Concen: 148.590 ng
RT: 5.387 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD

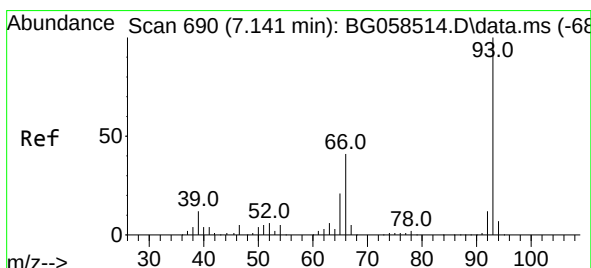
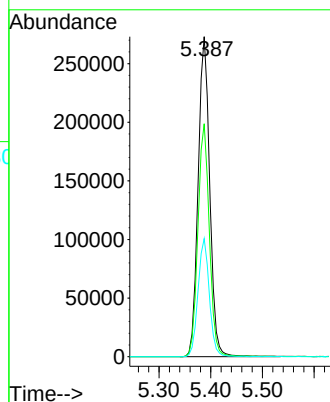
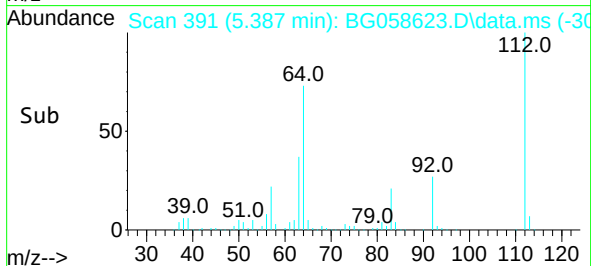


Tgt Ion:112 Resp: 425350
Ion Ratio Lower Upper
112 100
64 72.8 55.3 82.9
63 36.9 28.3 42.5

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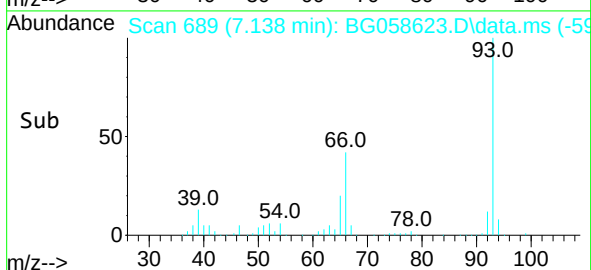
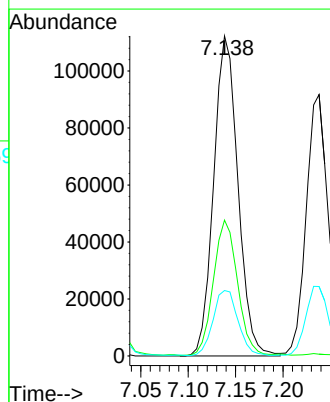
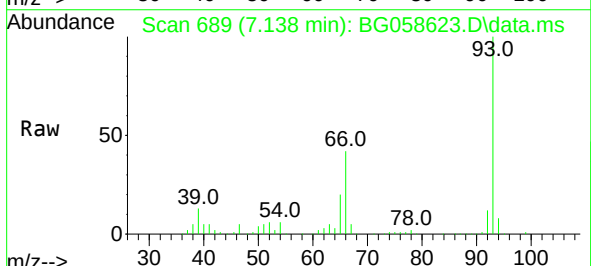
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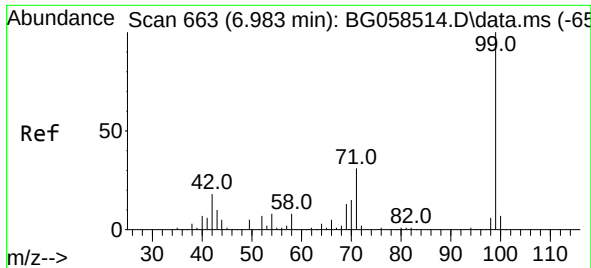
Reviewed By :Yogesh Patel 08/07/2023
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#6
Aniline
Concen: 40.774 ng
RT: 7.138 min Scan# 689
Delta R.T. -0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Tgt Ion: 93 Resp: 199967
Ion Ratio Lower Upper
93 100
66 42.5 33.1 49.7
65 20.5 17.0 25.4





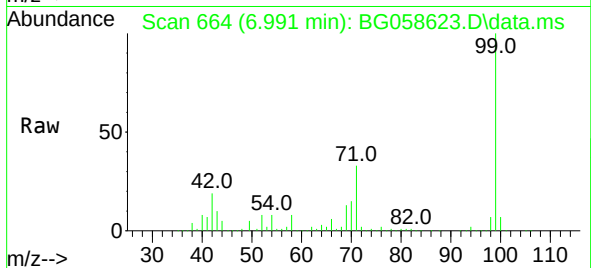
#7
Phenol-d6
Concen: 149.361 ng
RT: 6.991 min Scan# 60
Delta R.T. 0.009 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD



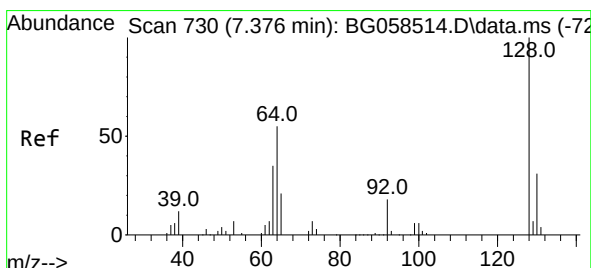
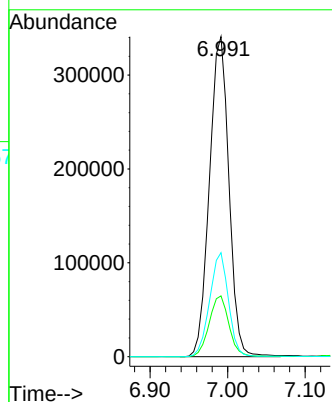
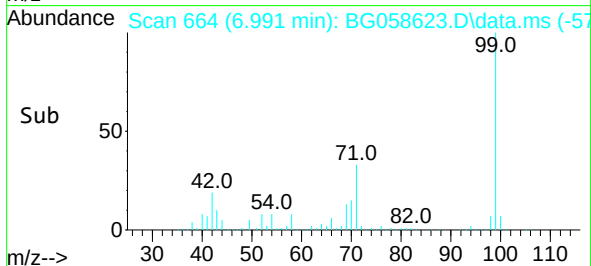
Tgt Ion: 99 Resp: 594949
Ion Ratio Lower Upper
99 100
42 19.0 14.6 21.8
71 32.5 25.0 37.4

Manual Integrations

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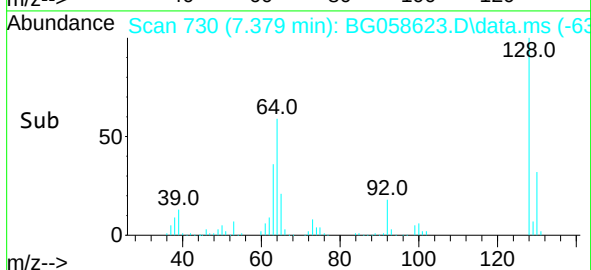
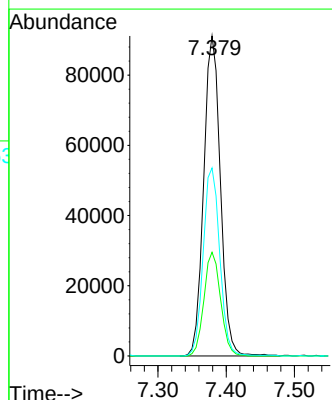
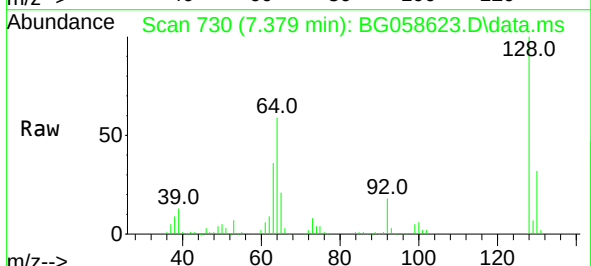
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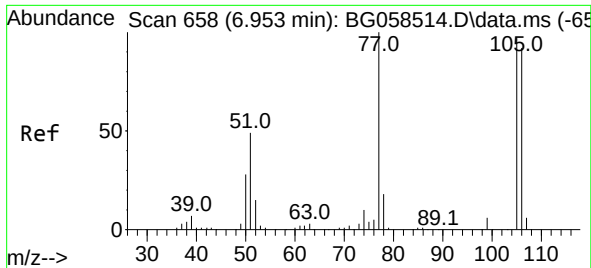
Supervised By :mohammad ahmed 08/08/2023



#8
2-Chlorophenol
Concen: 55.415 ng
RT: 7.379 min Scan# 730
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Tgt Ion:128 Resp: 155623
Ion Ratio Lower Upper
128 100
130 32.4 10.9 50.9
64 58.7 39.0 79.0





#9
Benzaldehyde
Concen: 30.430 ng
RT: 6.950 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

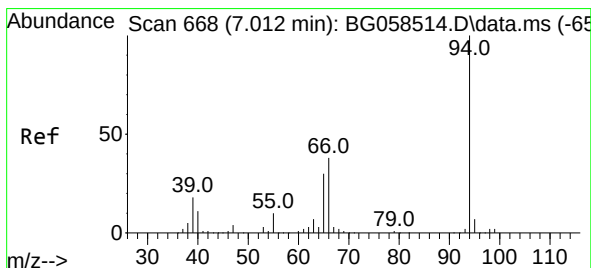
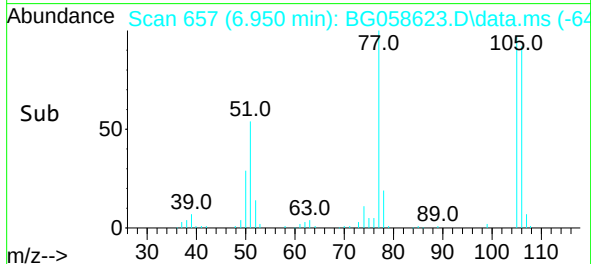
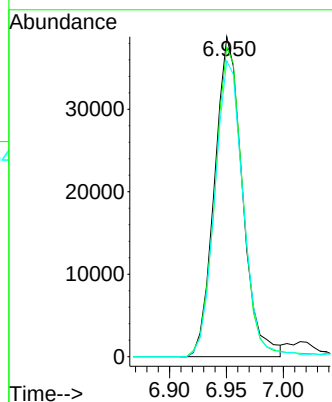
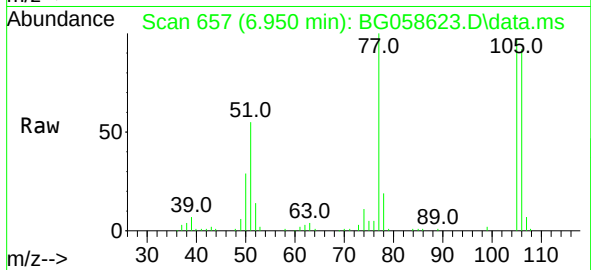
PB154530BSD

Tgt Ion: 77 Resp: 65854
Ion Ratio Lower Upper
77 100
105 96.7 77.1 117.1
106 92.5 71.6 111.6

Manual Integrations

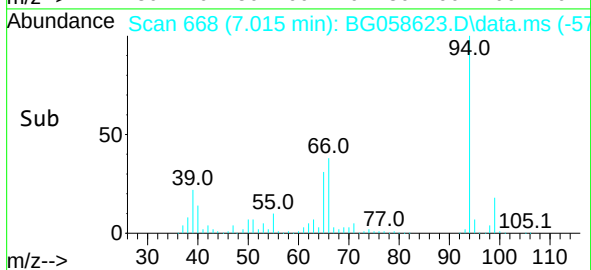
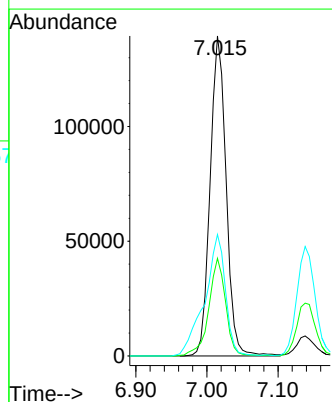
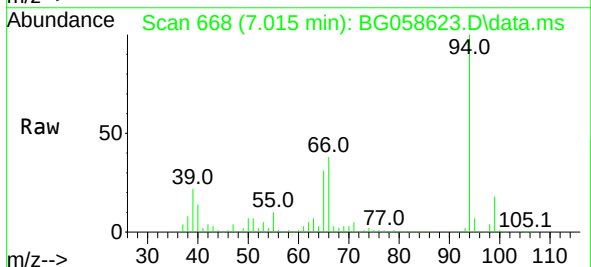
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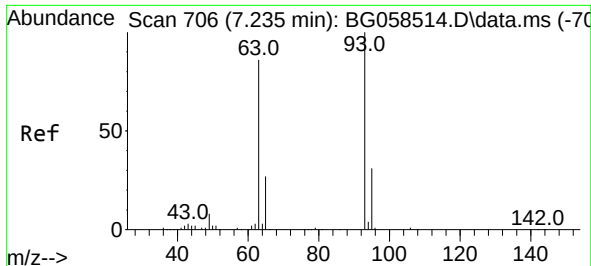
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#10
Phenol
Concen: 56.262 ng
RT: 7.015 min Scan# 668
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

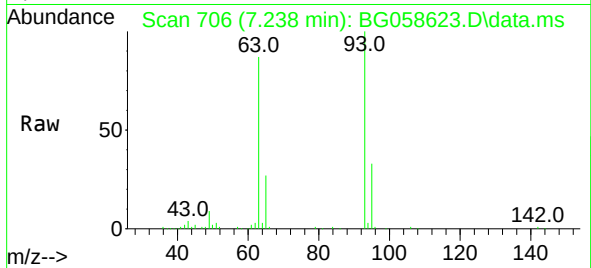
Tgt Ion: 94 Resp: 218917
Ion Ratio Lower Upper
94 100
65 30.5 10.4 50.4
66 38.0 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 47.736 ng
RT: 7.238 min Scan# 706
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

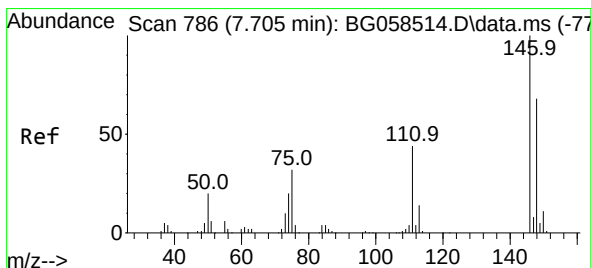
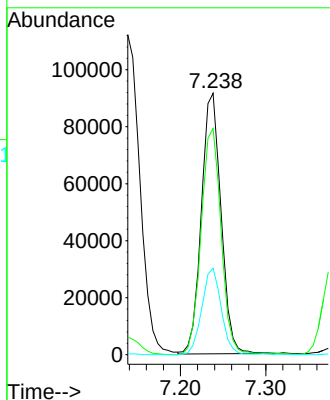
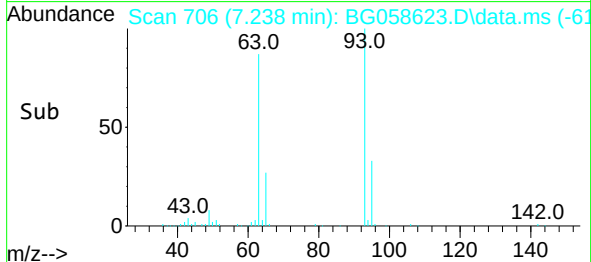
Instrument :
BNA_G
ClientSampleId :
PB154530BSD



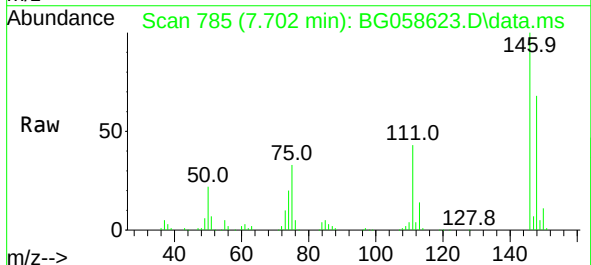
Tgt Ion: 93 Resp: 146434
Ion Ratio Lower Upper
93 100
63 86.5 65.5 105.5
95 33.1 11.2 51.2

Manual Integrations
APPROVED

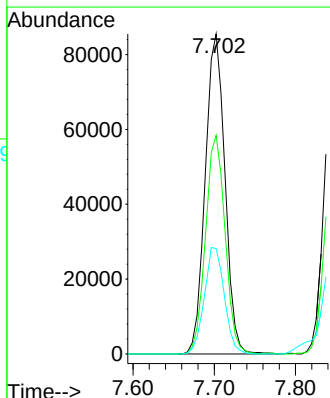
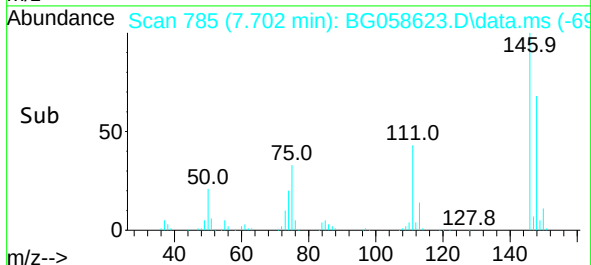
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

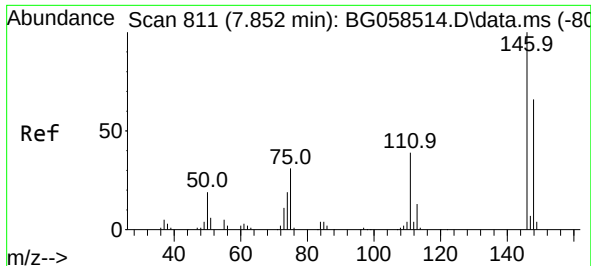


#12
1,3-Dichlorobenzene
Concen: 47.910 ng
RT: 7.702 min Scan# 785
Delta R.T. -0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11



Tgt Ion:146 Resp: 143671
Ion Ratio Lower Upper
146 100
148 68.3 54.7 82.1
75 32.9 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 49.160 ng

RT: 7.849 min Scan# 811

Delta R.T. -0.003 min

Lab File: BG058623.D

Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD

Tgt Ion:146 Resp: 14802

Ion Ratio Lower Upper

146 100

148 66.8 52.8 79.2

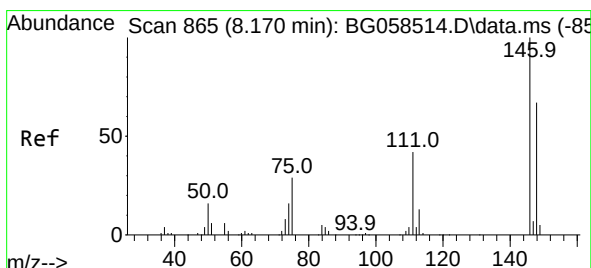
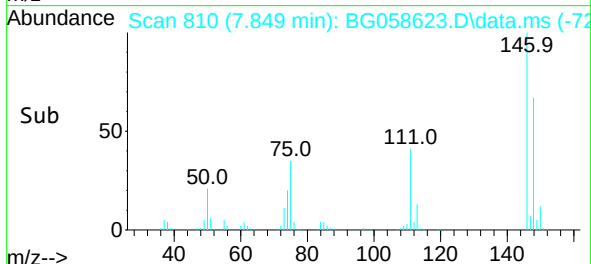
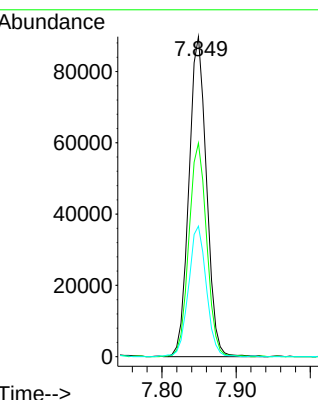
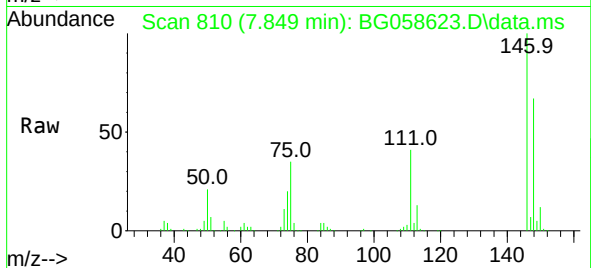
111 40.8 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#14

1,2-Dichlorobenzene

Concen: 50.715 ng

RT: 8.166 min Scan# 864

Delta R.T. -0.003 min

Lab File: BG058623.D

Acq: 7 Aug 2023 12:11

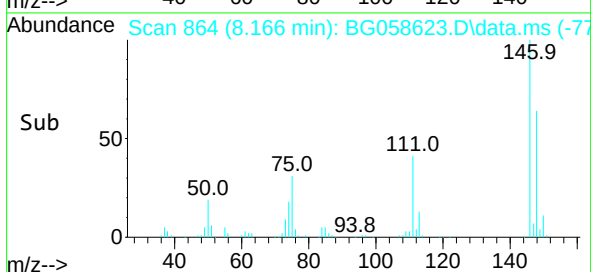
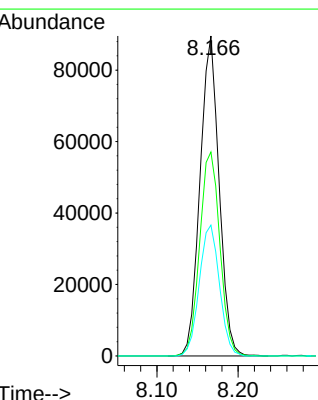
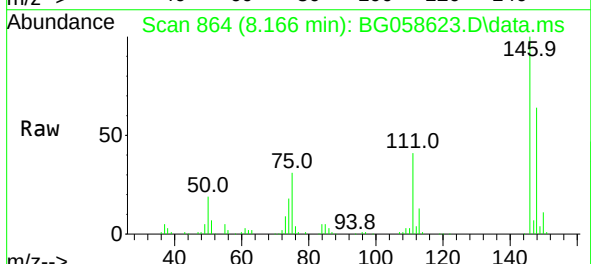
Tgt Ion:146 Resp: 145995

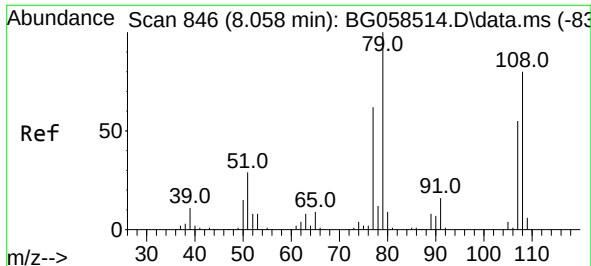
Ion Ratio Lower Upper

146 100

148 63.8 53.4 80.2

111 40.9 34.2 51.2





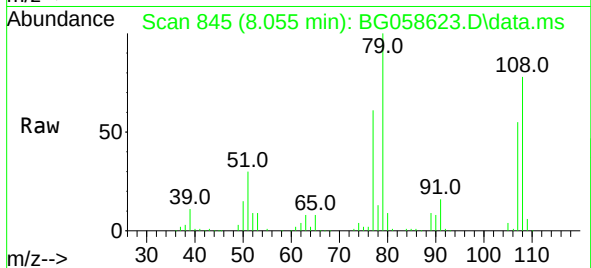
#15
Benzyl Alcohol
Concen: 59.611 ng
RT: 8.055 min Scan# 846
Delta R.T. -0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

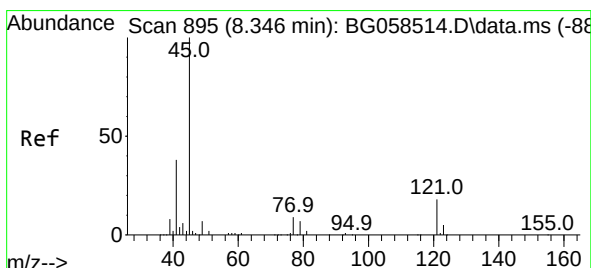
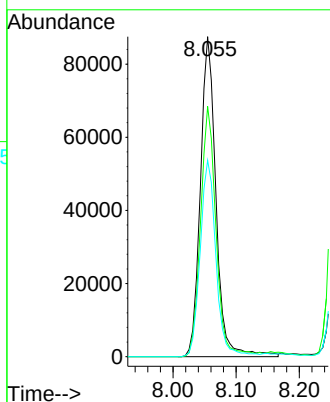
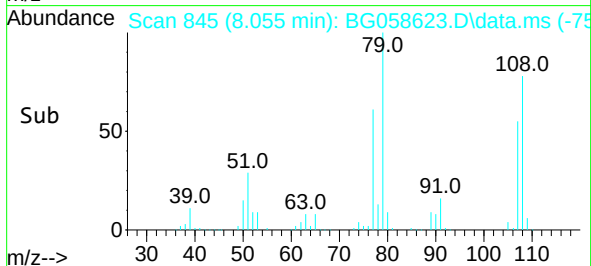
PB154530BSD



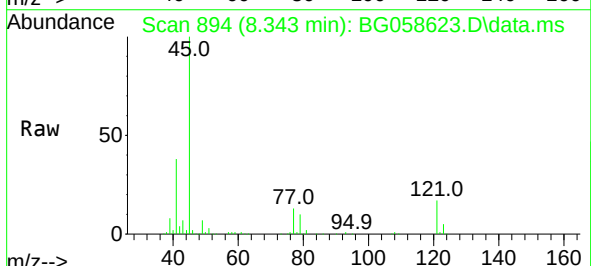
Tgt Ion: 79 Resp: 150589
Ion Ratio Lower Upper
79 100
108 78.2 63.8 95.6
77 61.3 49.8 74.6

Manual Integrations
APPROVED

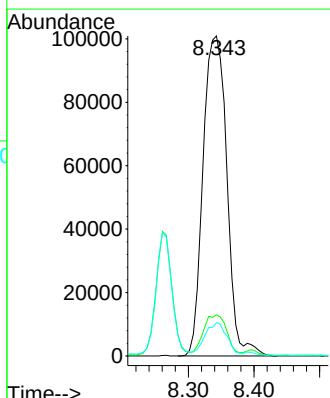
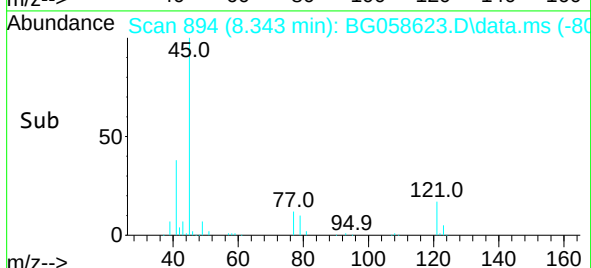
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

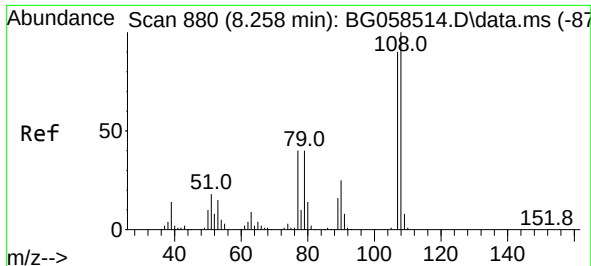


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.123 ng
RT: 8.343 min Scan# 894
Delta R.T. -0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11



Tgt Ion: 45 Resp: 254741
Ion Ratio Lower Upper
45 100
77 12.9 0.0 32.6
79 10.4 0.0 30.2





#17

2-Methylphenol

Concen: 52.145 ng

RT: 8.266 min Scan# 80

Delta R.T. 0.009 min

Lab File: BG058623.D

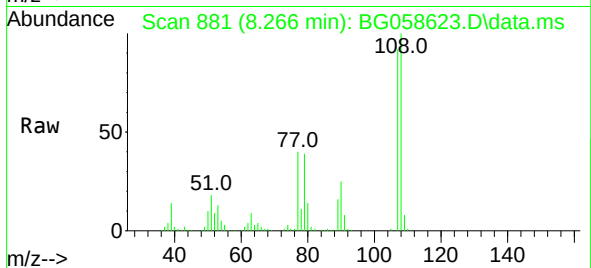
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD



Tgt Ion:107 Resp: 14835

Ion Ratio Lower Upper

107 100

108 109.0 89.1 133.7

77 43.7 36.2 54.4

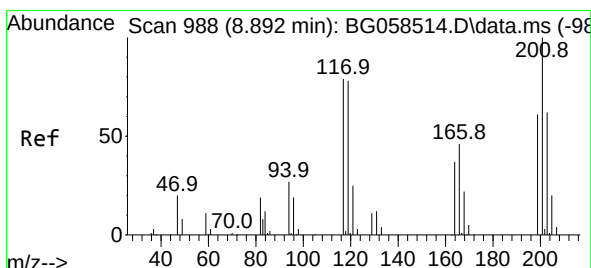
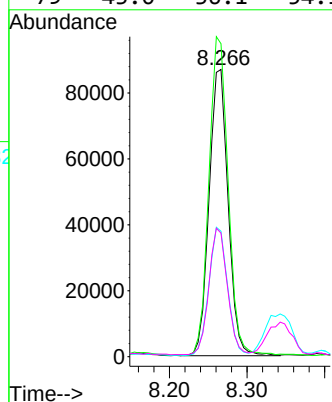
79 43.0 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#18

Hexachloroethane

Concen: 49.616 ng

RT: 8.889 min Scan# 987

Delta R.T. -0.003 min

Lab File: BG058623.D

Acq: 7 Aug 2023 12:11

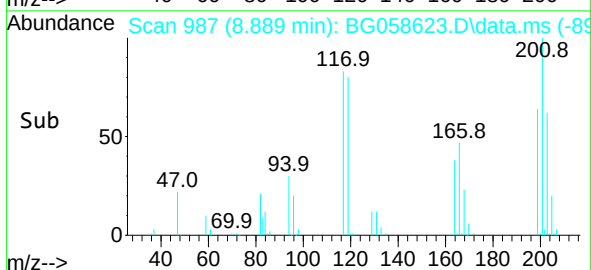
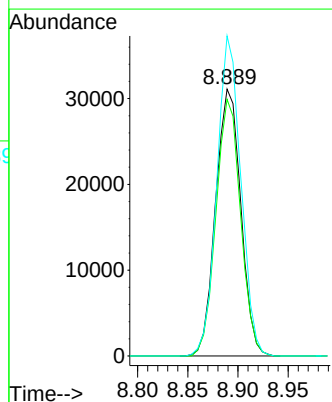
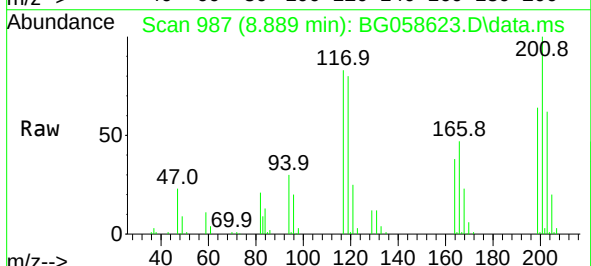
Tgt Ion:117 Resp: 54300

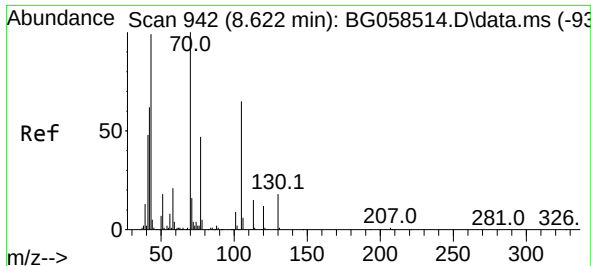
Ion Ratio Lower Upper

117 100

119 96.2 78.6 117.8

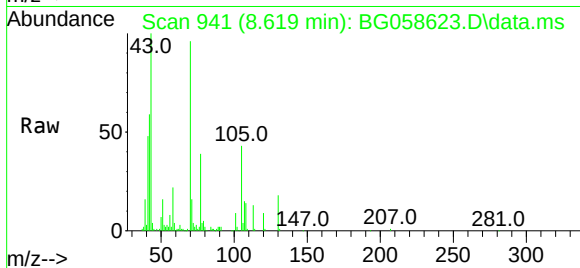
201 119.9 101.4 152.0





#19
n-Nitroso-di-n-propylamine
Concen: 49.738 ng
RT: 8.619 min Scan# 941
Delta R.T. -0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

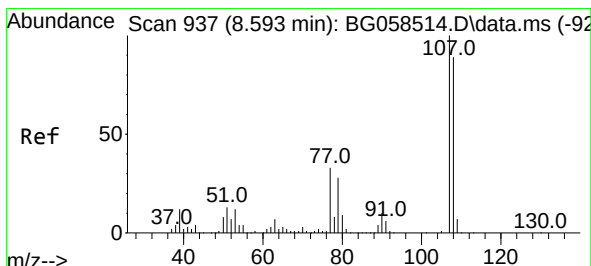
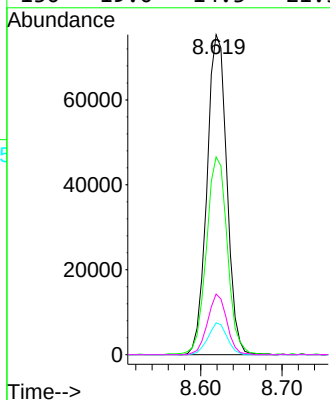
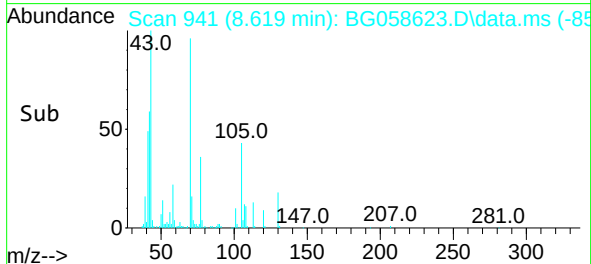
Instrument :
BNA_G
ClientSampleId :
PB154530BSD



Tgt Ion: 70 Resp: 12797
Ion Ratio Lower Upper
70 100
42 61.8 49.7 74.5
101 9.9 7.0 10.4
130 19.0 14.3 21.5

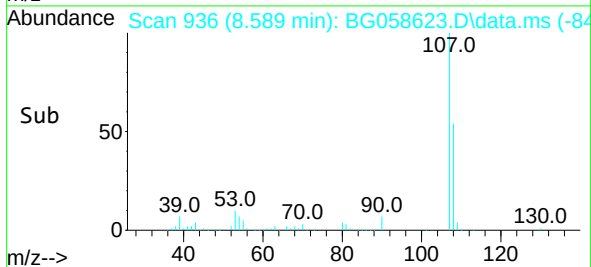
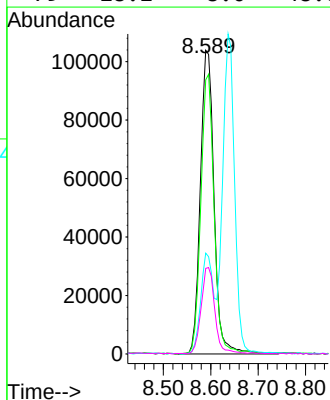
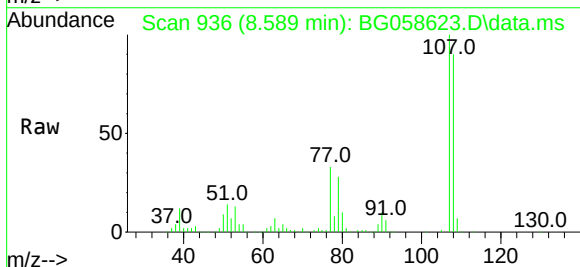
Manual Integrations
APPROVED

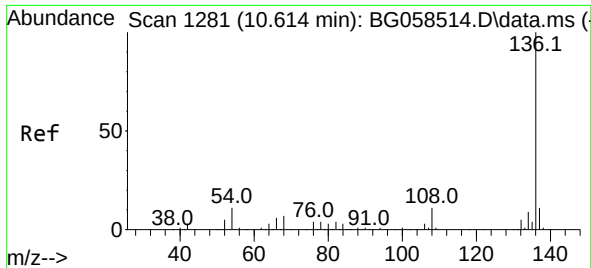
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#20
3+4-Methylphenols
Concen: 54.162 ng
RT: 8.589 min Scan# 936
Delta R.T. -0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Tgt Ion:107 Resp: 208436
Ion Ratio Lower Upper
107 100
108 90.2 69.4 109.4
77 33.2 13.0 53.0
79 28.2 8.0 48.0





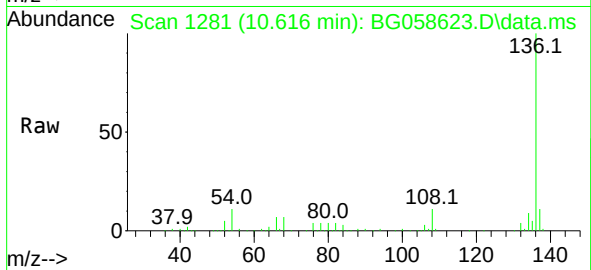
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1281
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD

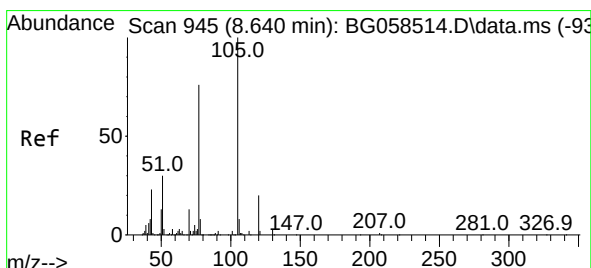
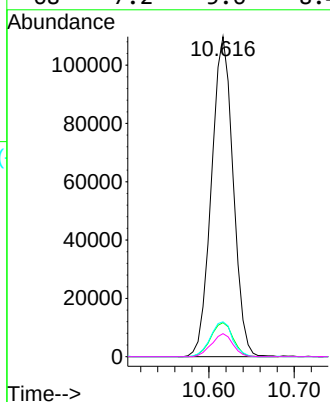
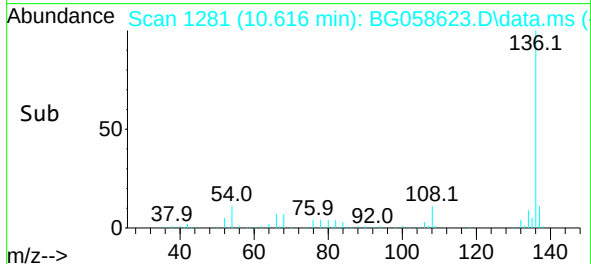


Tgt Ion:136 Resp: 193750
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.9 8.9 13.3
68 7.2 5.6 8.4

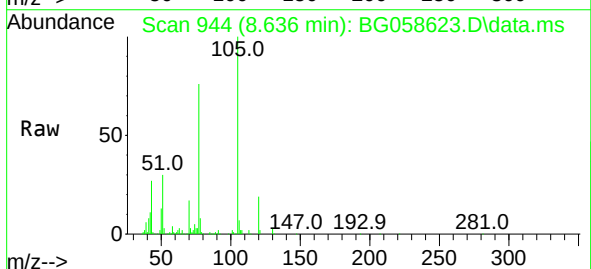
Manual Integrations

APPROVED

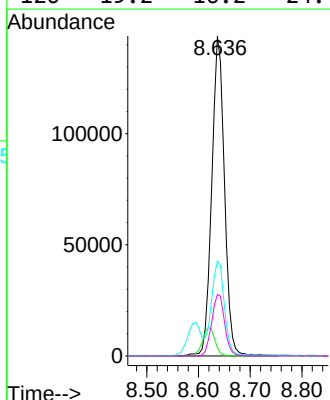
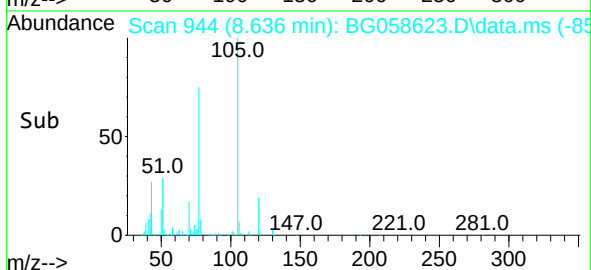
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

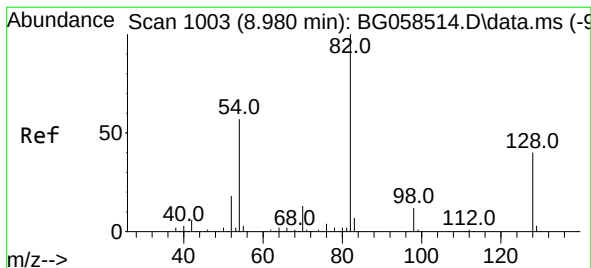


#22
Acetophenone
Concen: 47.479 ng
RT: 8.636 min Scan# 944
Delta R.T. -0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11



Tgt Ion:105 Resp: 246313
Ion Ratio Lower Upper
105 100
71 2.6 1.8 2.6
51 29.7 24.2 36.2
120 19.2 16.2 24.4





#23

Nitrobenzene-d5

Concen: 90.302 ng

RT: 8.977 min Scan# 1003

Delta R.T. -0.003 min

Lab File: BG058623.D

Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD

Tgt Ion: 82 Resp: 356149

Ion Ratio Lower Upper

82 100

128 41.9 32.2 48.2

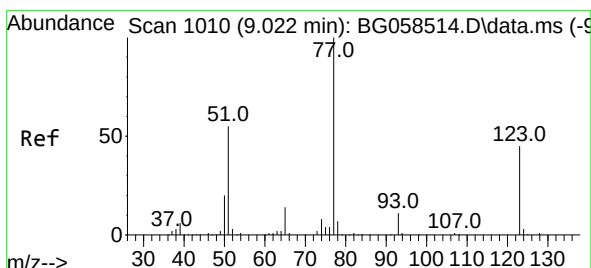
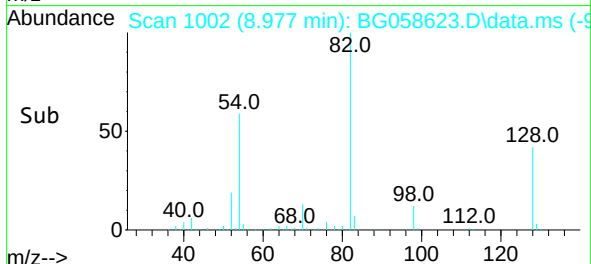
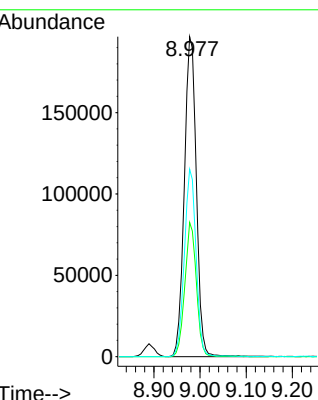
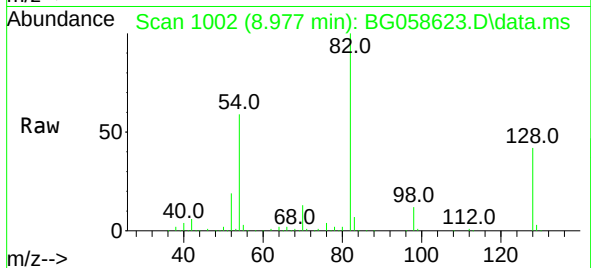
54 58.6 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#24

Nitrobenzene

Concen: 45.818 ng

RT: 9.018 min Scan# 1009

Delta R.T. -0.003 min

Lab File: BG058623.D

Acq: 7 Aug 2023 12:11

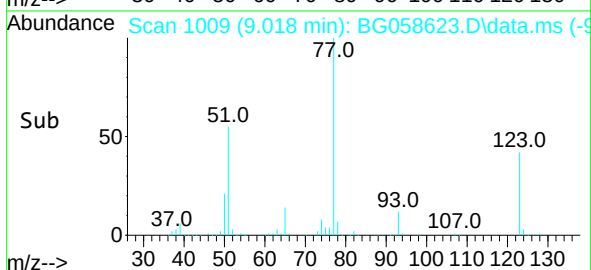
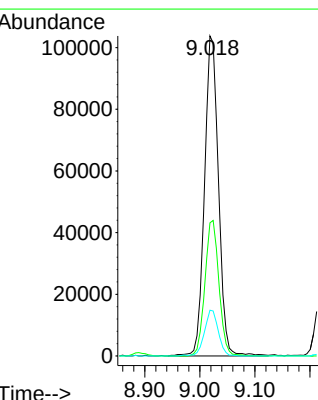
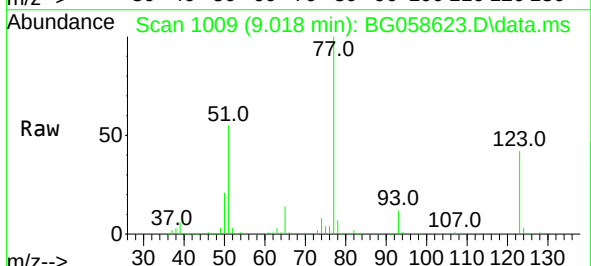
Tgt Ion: 77 Resp: 183711

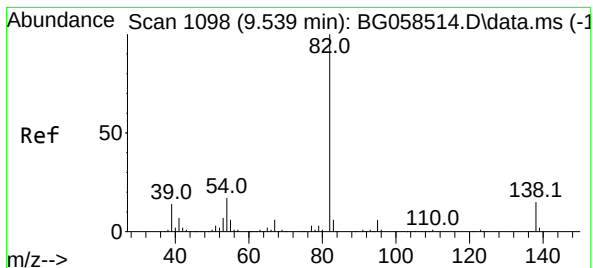
Ion Ratio Lower Upper

77 100

123 41.6 35.6 53.4

65 14.3 11.4 17.0





#25

Isophorone

Concen: 47.042 ng

RT: 9.541 min Scan# 1100

Delta R.T. 0.003 min

Lab File: BG058623.D

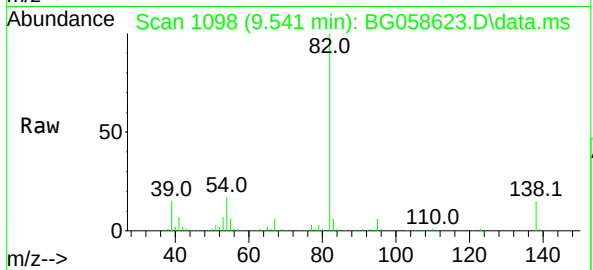
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD



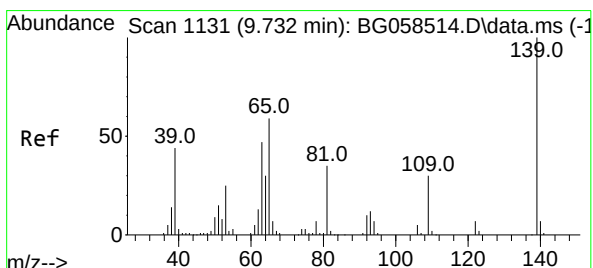
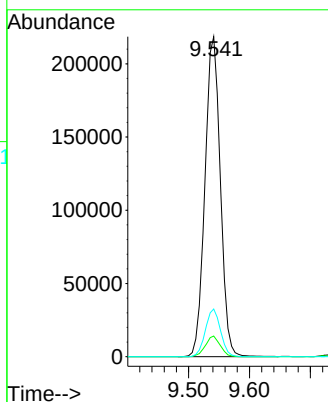
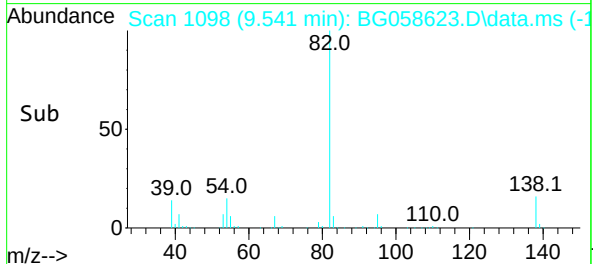
Tgt Ion:	82	Resp:	38334
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.1	7.7
138	14.9	11.9	17.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#26

2-Nitrophenol

Concen: 49.287 ng

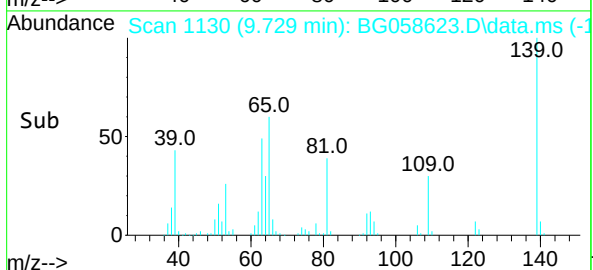
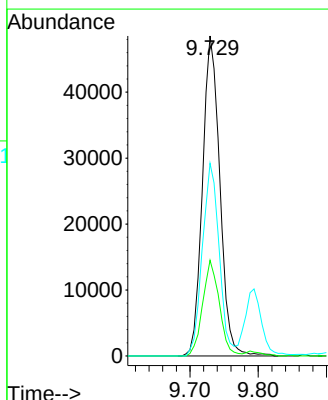
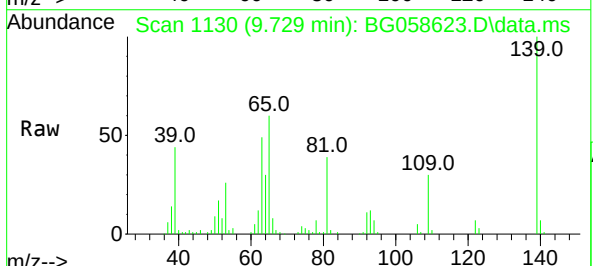
RT: 9.729 min Scan# 1130

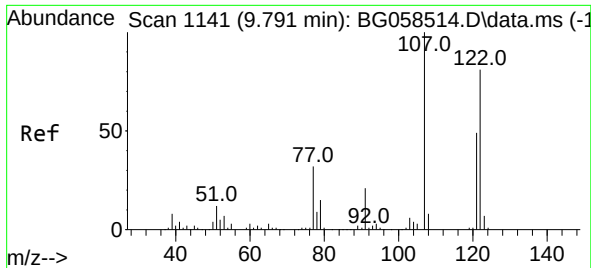
Delta R.T. -0.003 min

Lab File: BG058623.D

Acq: 7 Aug 2023 12:11

Tgt Ion:	139	Resp:	86024
Ion Ratio	Lower	Upper	
139	100		
109	29.9	24.2	36.2
65	60.2	47.0	70.4





#27

2,4-Dimethylphenol

Concen: 50.166 ng

RT: 9.794 min Scan# 1141

Delta R.T. 0.003 min

Lab File: BG058623.D

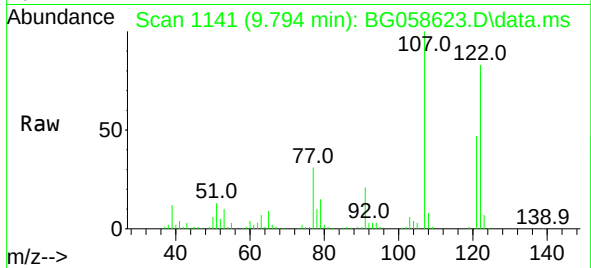
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD



Tgt Ion:122 Resp: 145234

Ion Ratio Lower Upper

122 100

107 121.0 98.0 147.0

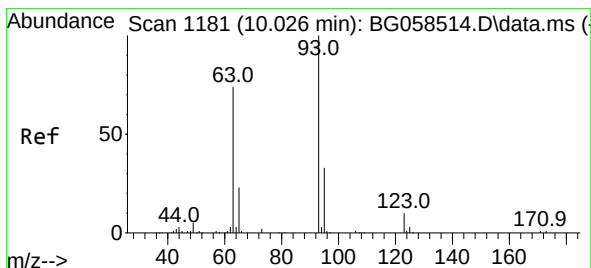
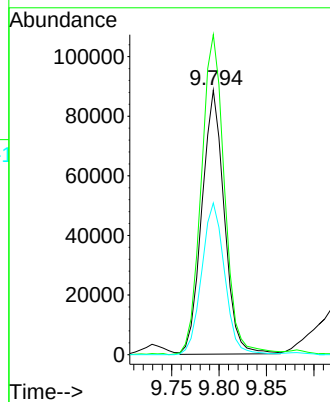
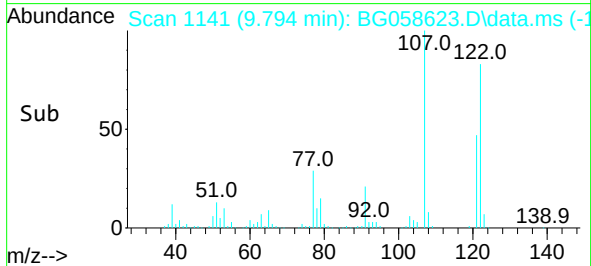
121 57.3 47.8 71.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#28

bis(2-Chloroethoxy)methane

Concen: 48.288 ng

RT: 10.023 min Scan# 1180

Delta R.T. -0.003 min

Lab File: BG058623.D

Acq: 7 Aug 2023 12:11

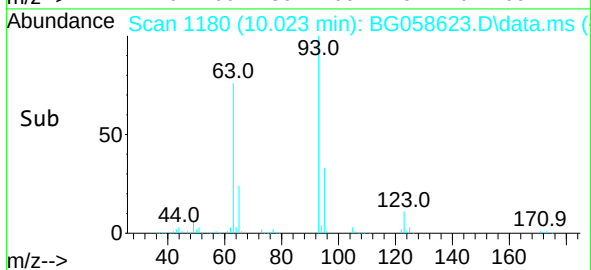
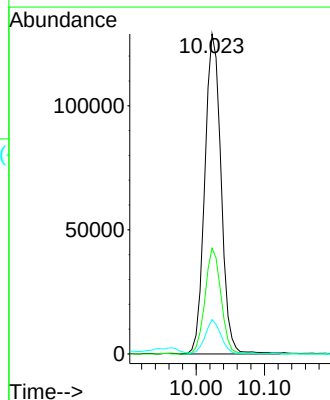
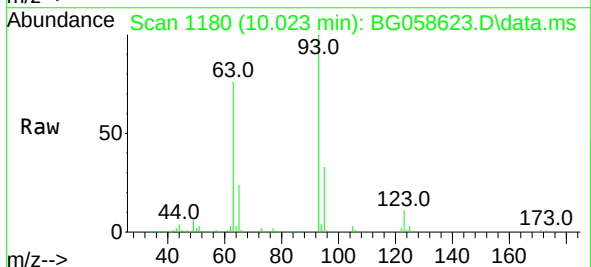
Tgt Ion: 93 Resp: 214146

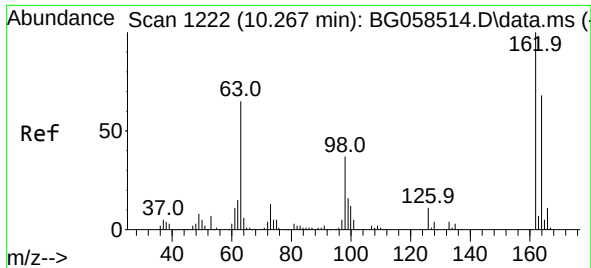
Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

123 10.7 7.8 11.8





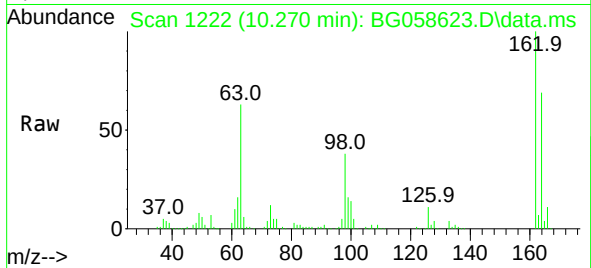
#29
2,4-Dichlorophenol
Concen: 52.537 ng
RT: 10.270 min Scan# 1222
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD



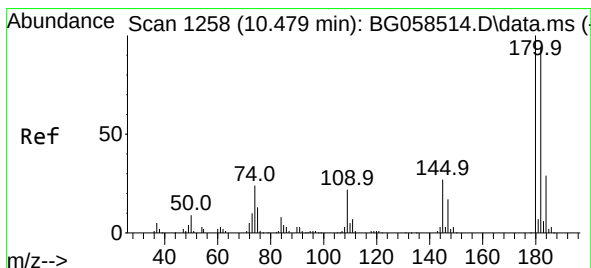
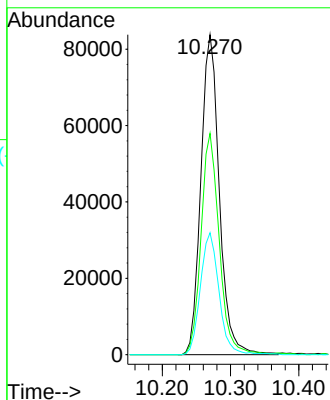
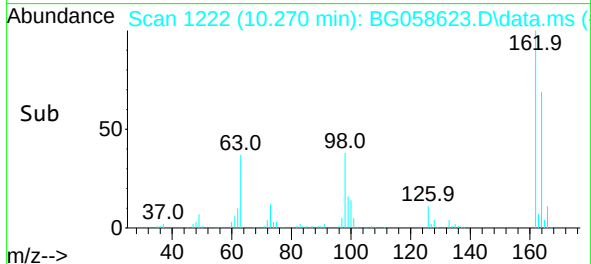
Tgt Ion:162 Resp: 15792
Ion Ratio Lower Upper
162 100
164 69.2 47.6 87.6
98 38.1 17.1 57.1

Manual Integrations

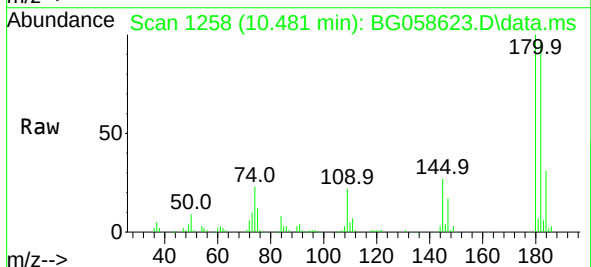
APPROVED

Reviewed By :Yogesh Patel 08/07/2023

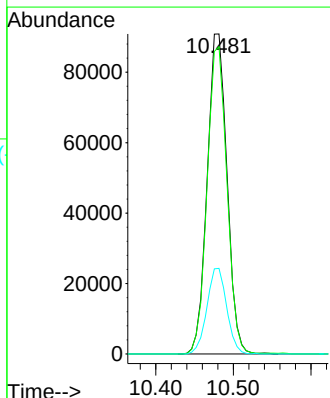
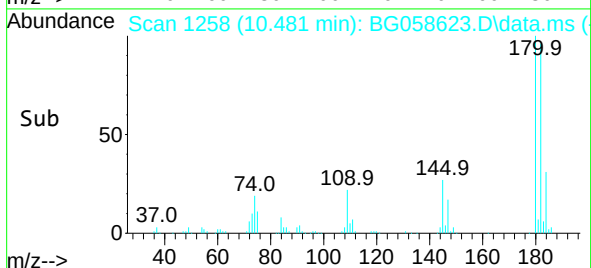
Supervised By :mohammad ahmed 08/08/2023

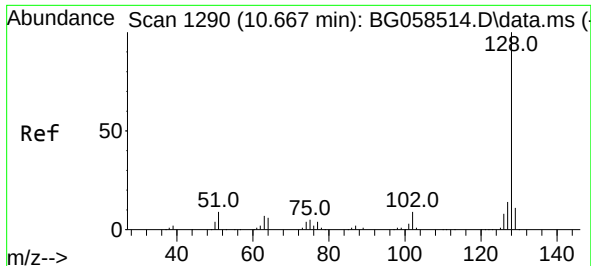


#30
1,2,4-Trichlorobenzene
Concen: 46.603 ng
RT: 10.481 min Scan# 1258
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11



Tgt Ion:180 Resp: 161553
Ion Ratio Lower Upper
180 100
182 96.0 75.0 112.4
145 26.8 21.9 32.9





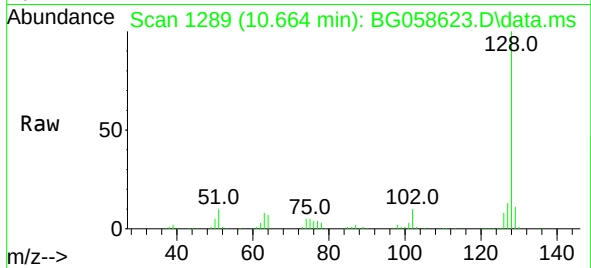
#31
Naphthalene
Concen: 46.082 ng
RT: 10.664 min Scan# 1169
Delta R.T. -0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD



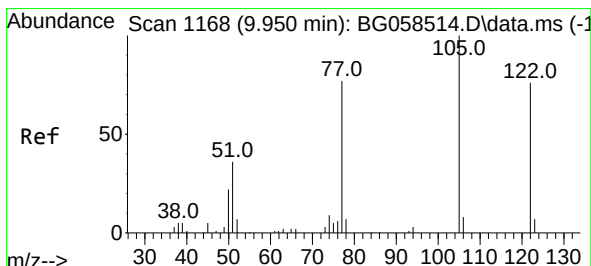
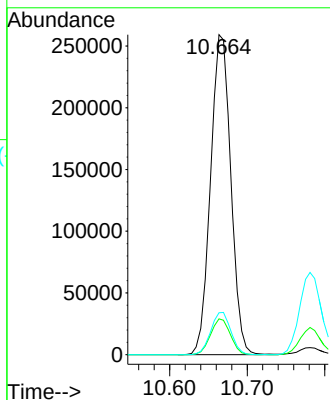
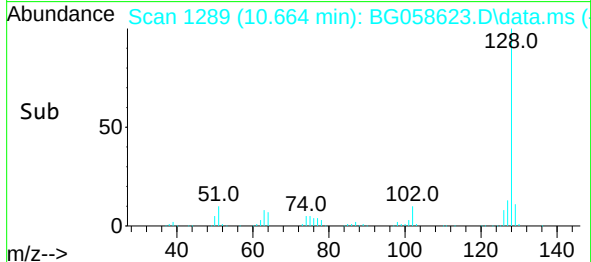
Tgt Ion:128 Resp: 470579
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.1 10.9 16.3

Manual Integrations

APPROVED

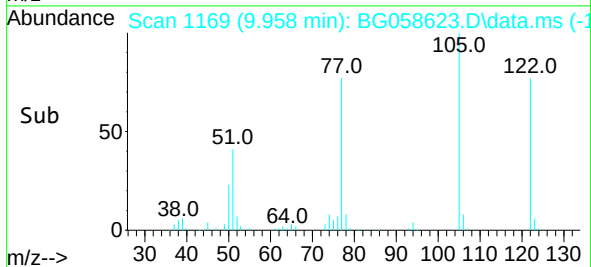
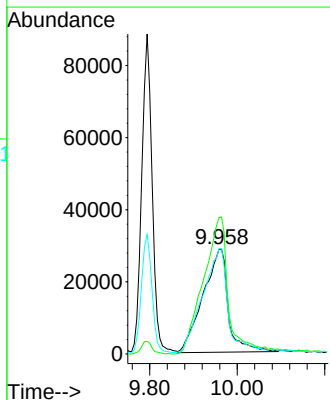
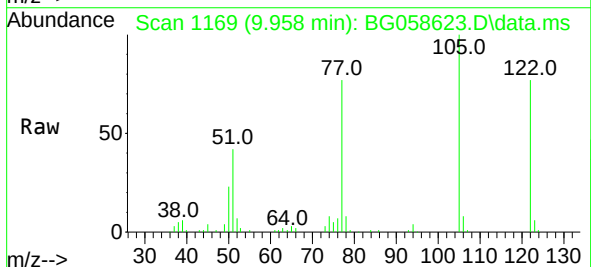
Reviewed By :Yogesh Patel 08/07/2023

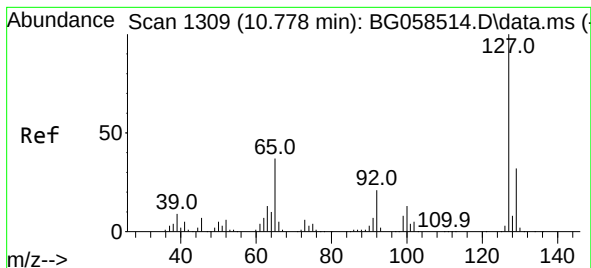
Supervised By :mohammad ahmed 08/08/2023



#32
Benzoic acid
Concen: 51.570 ng
RT: 9.958 min Scan# 1169
Delta R.T. 0.008 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Tgt Ion:122 Resp: 114806
Ion Ratio Lower Upper
122 100
105 130.3 106.5 146.5
77 100.5 78.1 118.1





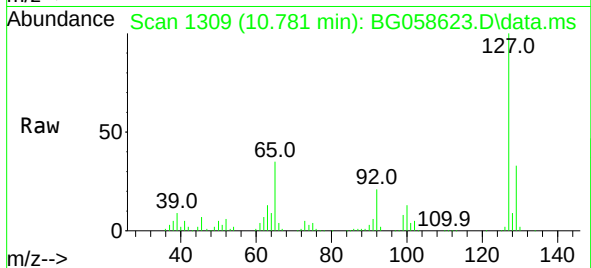
#33
4-Chloroaniline
Concen: 31.482 ng
RT: 10.781 min Scan# 1309
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD

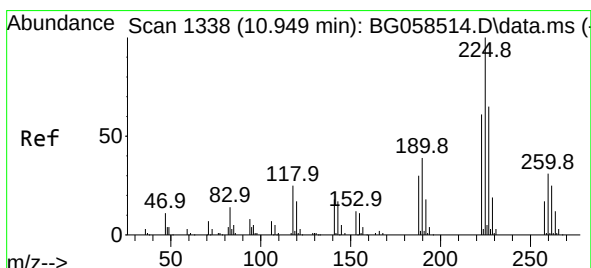
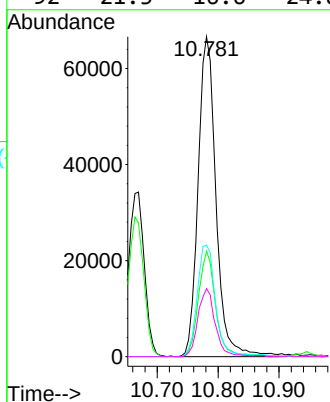
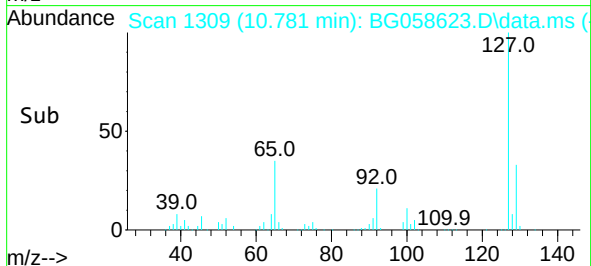


Tgt Ion:127 Resp: 135829
Ion Ratio Lower Upper
127 100
129 33.0 25.4 38.2
65 34.9 29.5 44.3
92 21.3 16.6 24.8

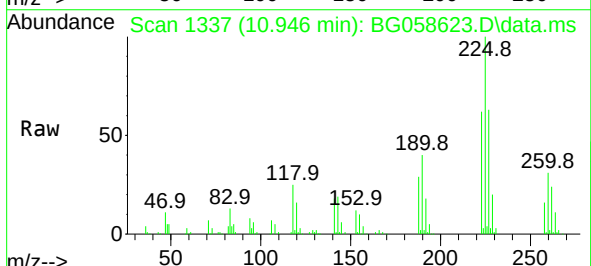
Manual Integrations

APPROVED

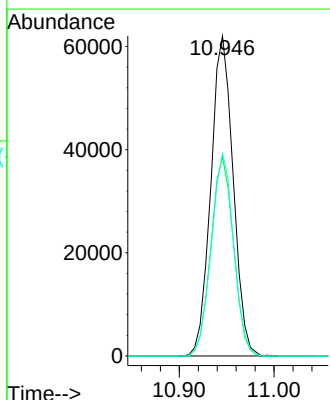
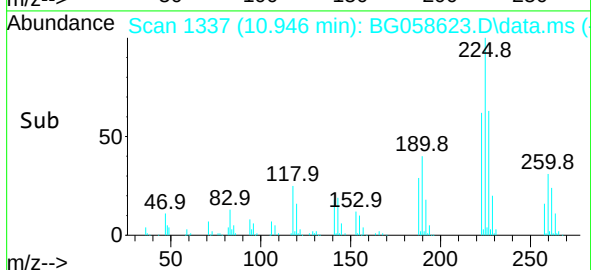
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

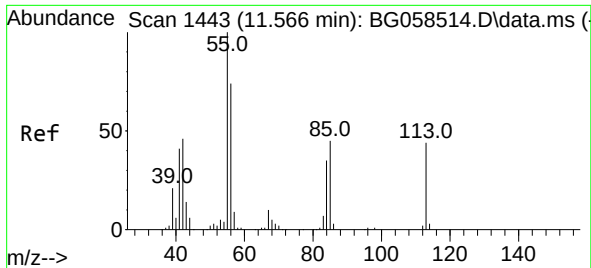


#34
Hexachlorobutadiene
Concen: 45.395 ng
RT: 10.946 min Scan# 1337
Delta R.T. -0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11



Tgt Ion:225 Resp: 101343
Ion Ratio Lower Upper
225 100
223 62.2 49.0 73.6
227 63.3 51.7 77.5





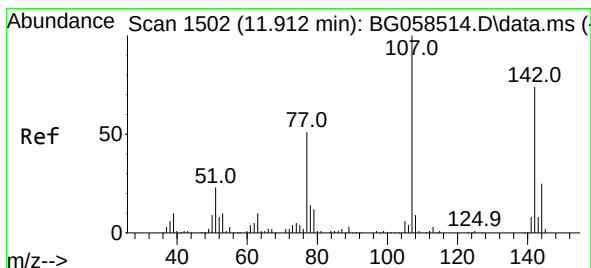
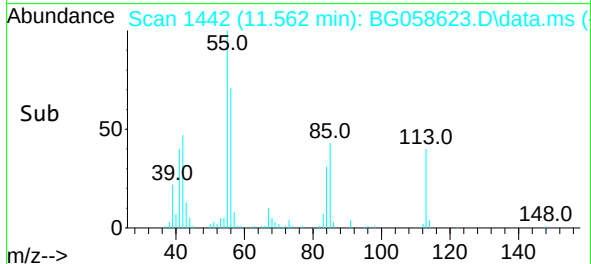
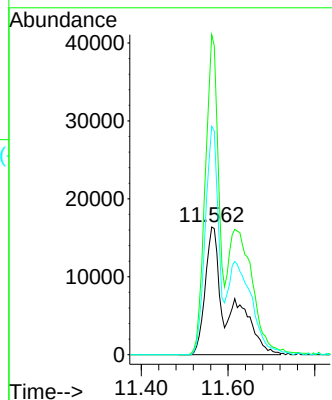
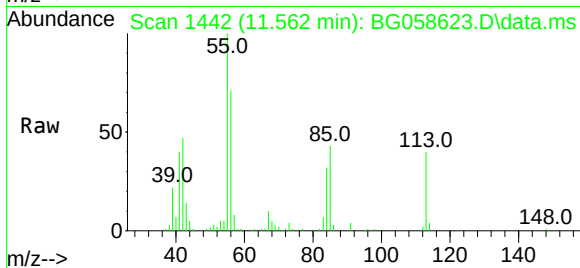
#35
Caprolactam
Concen: 55.164 ng m
RT: 11.562 min Scan# 1443
Delta R.T. -0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Instrument :
BNA_G
ClientSampleId :
PB154530BSD

Tgt Ion:113 Resp: 61234
Ion Ratio Lower Upper
113 100
55 250.7 208.0 248.0
56 178.8 148.6 188.6

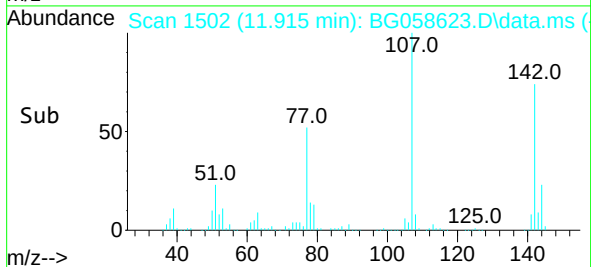
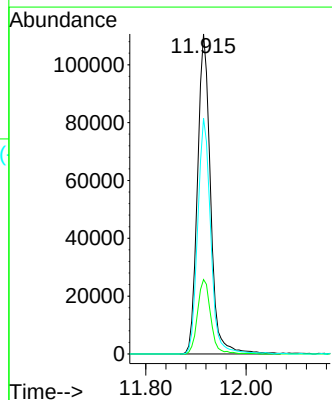
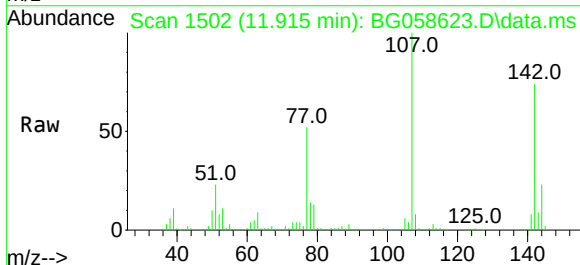
Manual Integrations
APPROVED

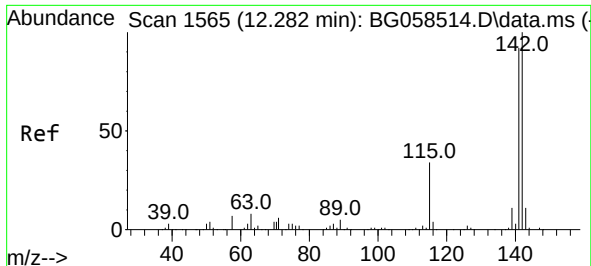
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#36
4-Chloro-3-methylphenol
Concen: 53.648 ng
RT: 11.915 min Scan# 1502
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Tgt Ion:107 Resp: 199488
Ion Ratio Lower Upper
107 100
144 23.3 19.6 29.4
142 73.7 59.3 88.9





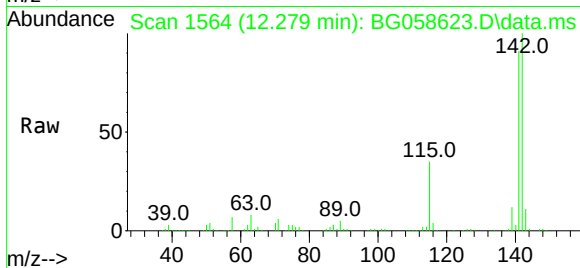
#37
2-Methylnaphthalene
Concen: 45.857 ng
RT: 12.279 min Scan# 1565
Delta R.T. -0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD

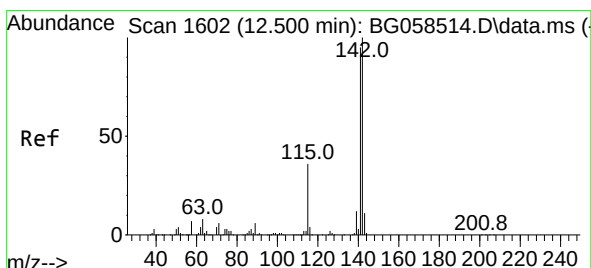
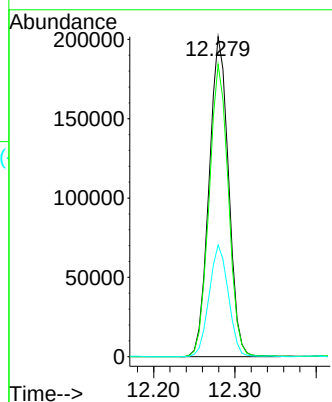
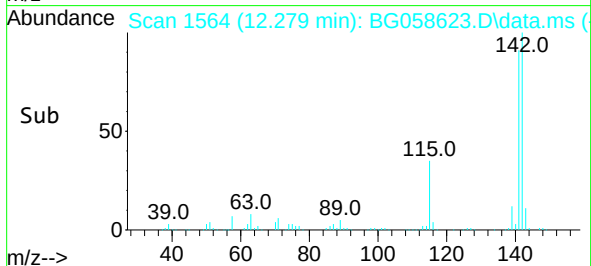


Tgt Ion:142 Resp: 334969
Ion Ratio Lower Upper
142 100
141 91.3 73.5 110.3
115 34.9 27.4 41.0

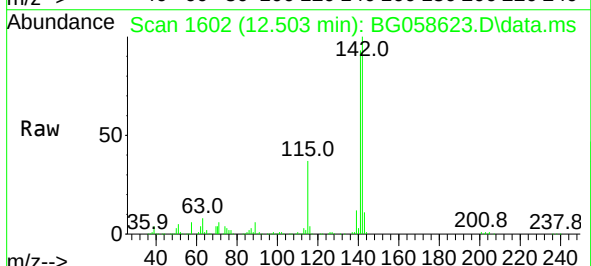
Manual Integrations

APPROVED

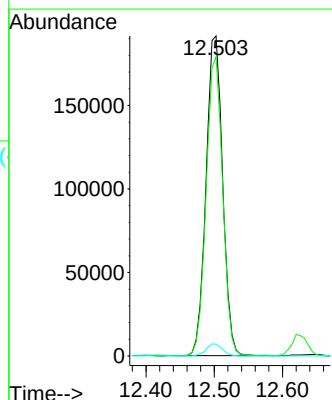
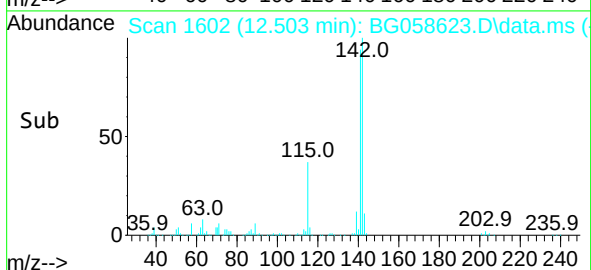
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

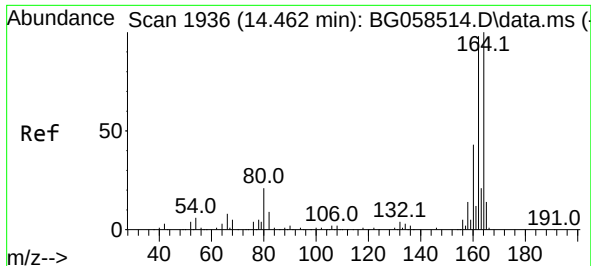


#38
1-Methylnaphthalene
Concen: 46.643 ng
RT: 12.503 min Scan# 1602
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11



Tgt Ion:142 Resp: 323872
Ion Ratio Lower Upper
142 100
141 93.5 75.7 113.5
116 3.7 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.465 min Scan# 1936

Delta R.T. 0.003 min

Lab File: BG058623.D

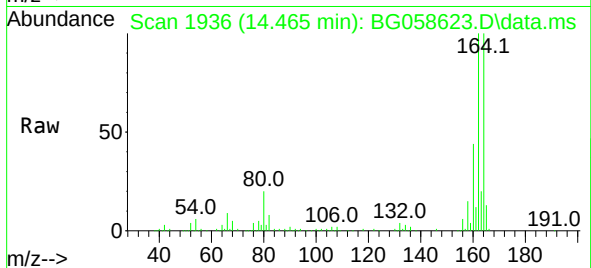
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD



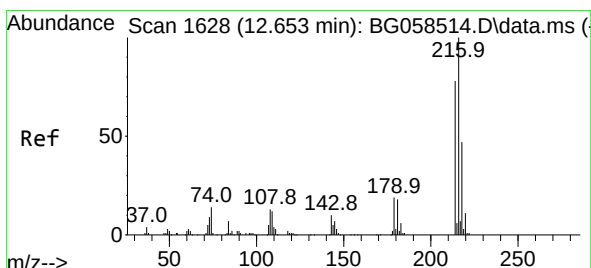
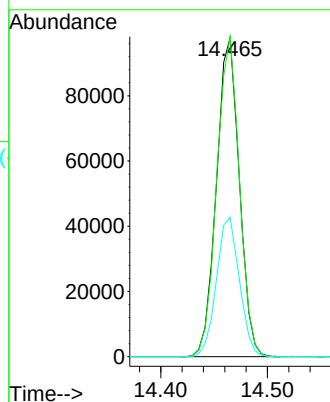
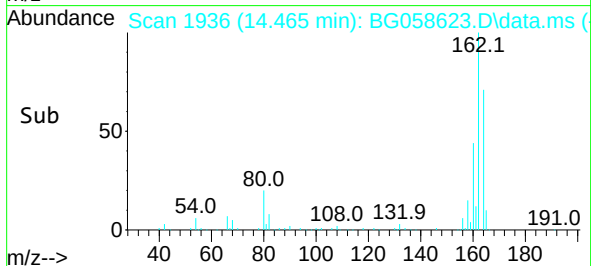
Tgt Ion:	164	162	160
Ratio	100	100.3	43.7
Lower		78.3	34.1
Upper		117.5	51.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#40

1,2,4,5-Tetrachlorobenzene

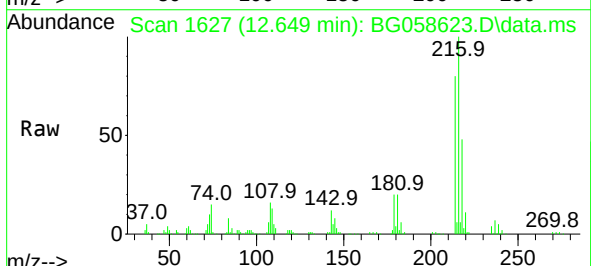
Concen: 43.843 ng

RT: 12.649 min Scan# 1627

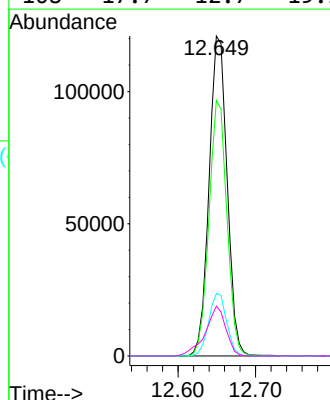
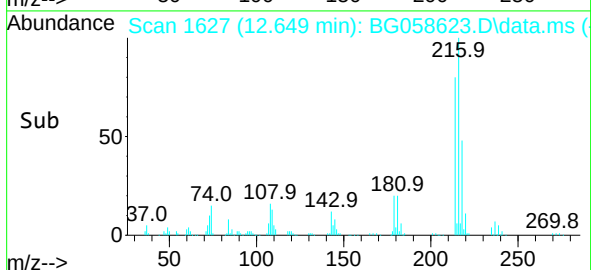
Delta R.T. -0.003 min

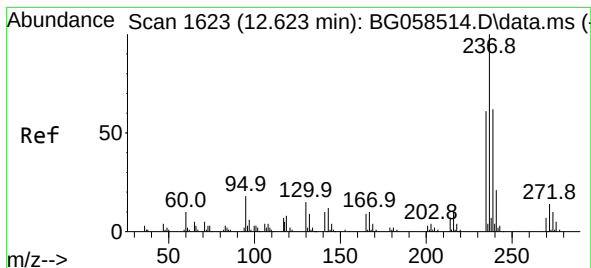
Lab File: BG058623.D

Acq: 7 Aug 2023 12:11



Tgt Ion:	216	214	179	108
Ratio	100	79.5	19.4	17.7
Lower		63.1	15.6	12.7
Upper		94.7	23.4	19.1





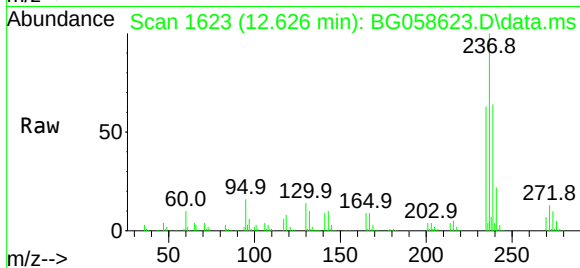
#41
Hexachlorocyclopentadiene
Concen: 94.024 ng
RT: 12.626 min Scan# 1623
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD

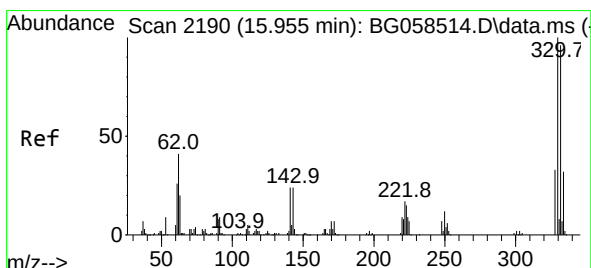
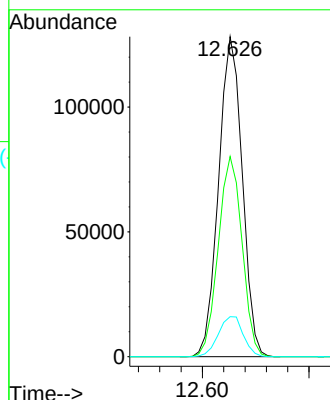
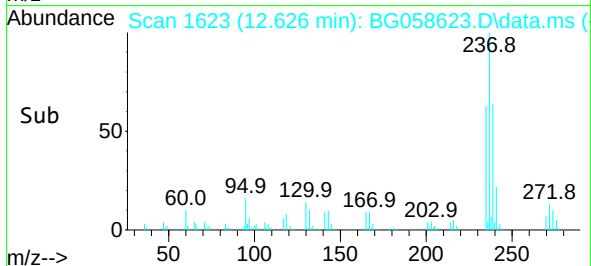


Tgt Ion:237 Resp: 19733
Ion Ratio Lower Upper
237 100
235 62.5 41.0 81.0
272 12.5 0.0 33.6

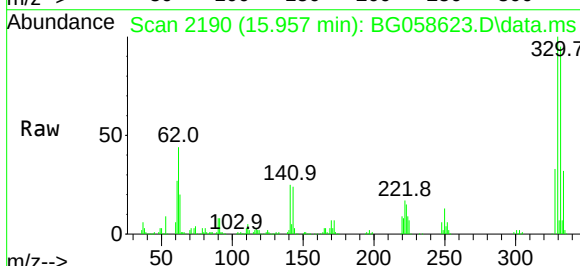
Manual Integrations

APPROVED

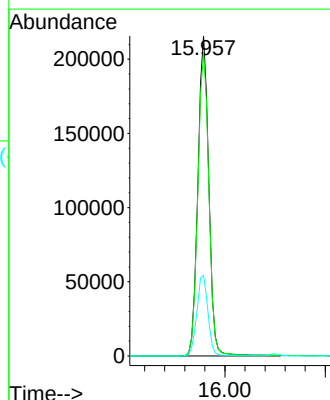
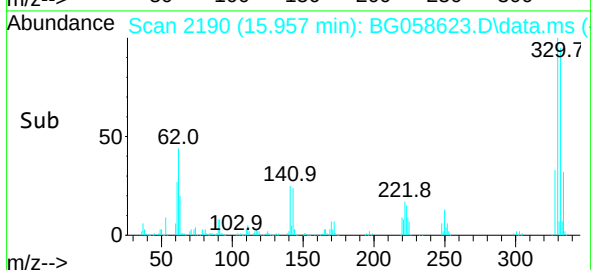
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

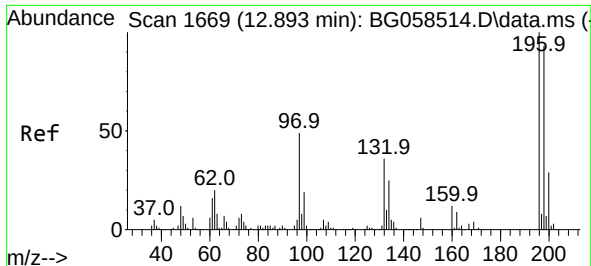


#42
2,4,6-Tribromophenol
Concen: 136.433 ng
RT: 15.957 min Scan# 2190
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11



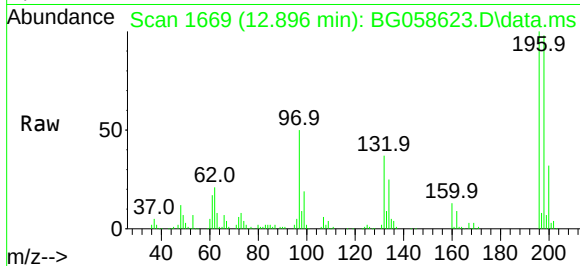
Tgt Ion:330 Resp: 324619
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 25.8 20.7 31.1





#43
2,4,6-Trichlorophenol
Concen: 48.660 ng
RT: 12.896 min Scan# 1669
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

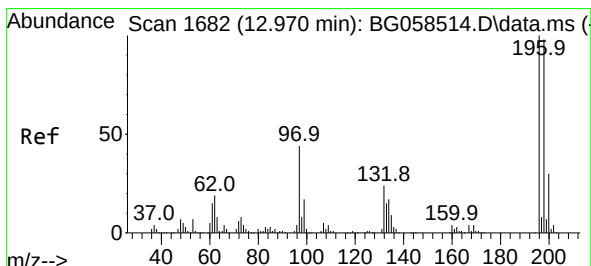
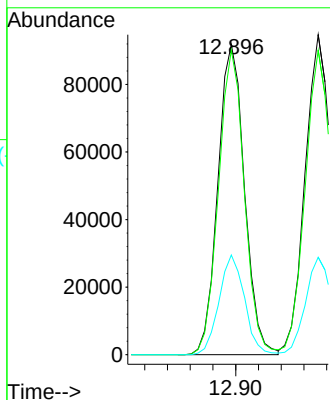
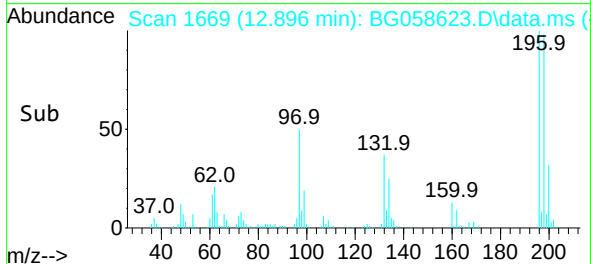
Instrument :
BNA_G
ClientSampleId :
PB154530BSD



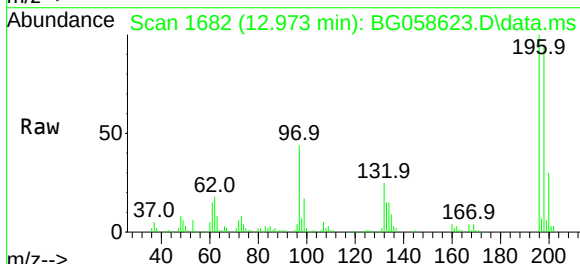
Tgt Ion:196 Resp: 149160
Ion Ratio Lower Upper
196 100
198 98.2 74.2 111.4
200 32.1 22.9 34.3

Manual Integrations
APPROVED

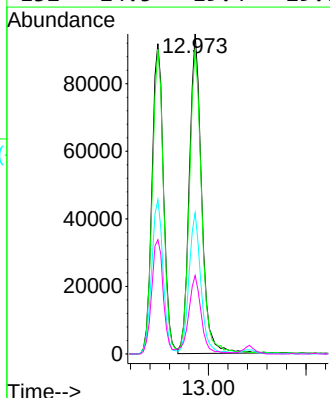
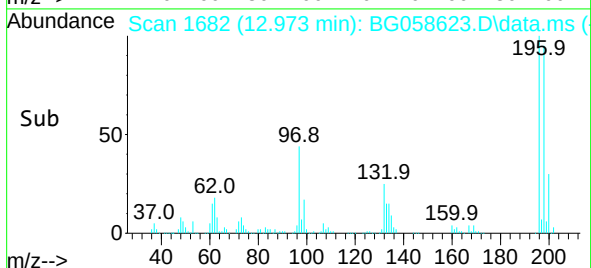
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

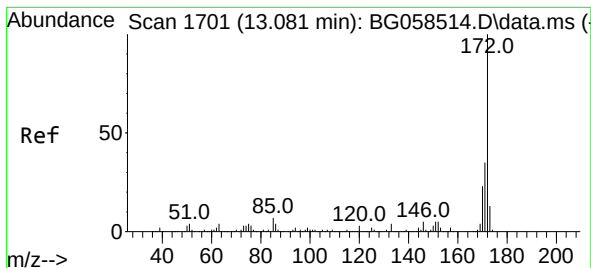


#44
2,4,5-Trichlorophenol
Concen: 46.014 ng
RT: 12.973 min Scan# 1682
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11



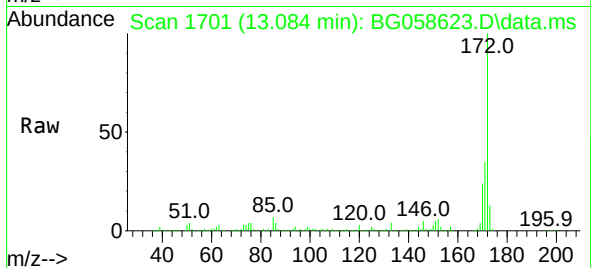
Tgt Ion:196 Resp: 166134
Ion Ratio Lower Upper
196 100
198 95.1 78.3 117.5
97 44.1 35.2 52.8
132 24.5 19.4 29.0





#45
2-Fluorobiphenyl
Concen: 85.727 ng
RT: 13.084 min Scan# 1701
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

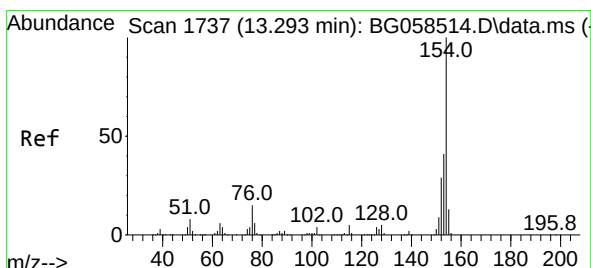
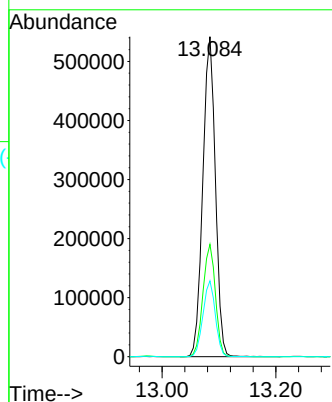
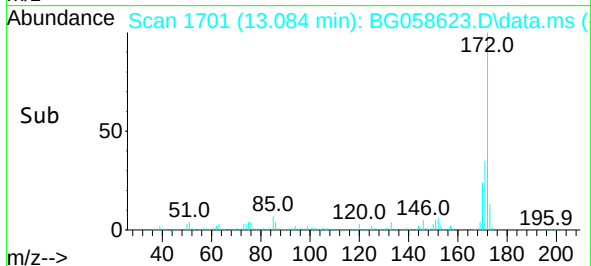
Instrument :
BNA_G
ClientSampleId :
PB154530BSD



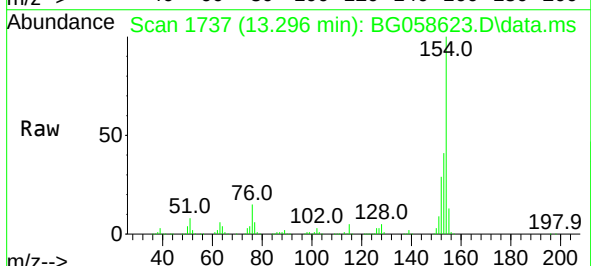
Tgt Ion:172 Resp: 83040
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.7 18.4 27.6

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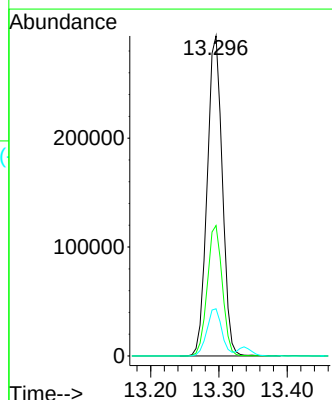
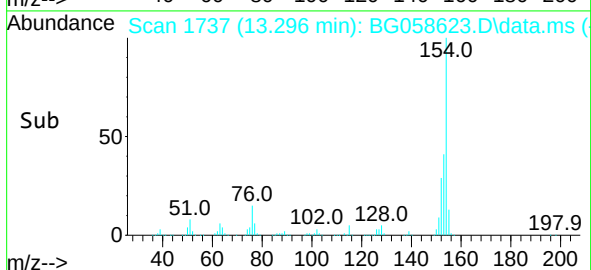
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

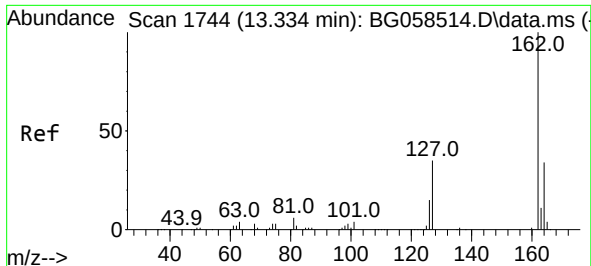


#46
1,1'-Biphenyl
Concen: 45.459 ng
RT: 13.296 min Scan# 1737
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11



Tgt Ion:154 Resp: 453185
Ion Ratio Lower Upper
154 100
153 40.7 21.2 61.2
76 14.8 0.0 34.7





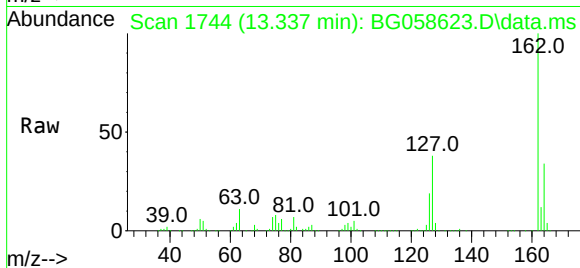
#47
2-Chloronaphthalene
Concen: 46.497 ng
RT: 13.337 min Scan# 1744
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD



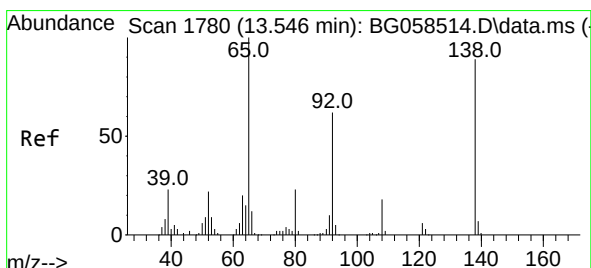
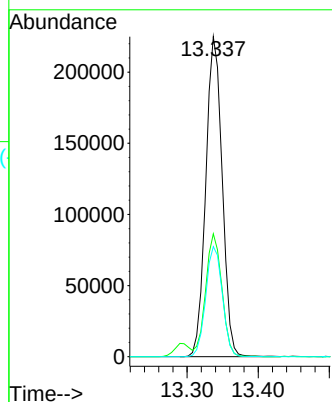
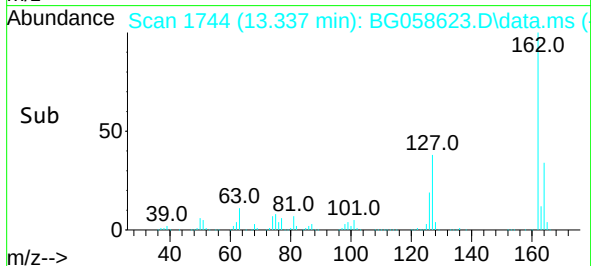
Tgt Ion:162 Resp: 361419
Ion Ratio Lower Upper
162 100
127 38.4 30.9 46.3
164 34.4 27.2 40.8

Manual Integrations

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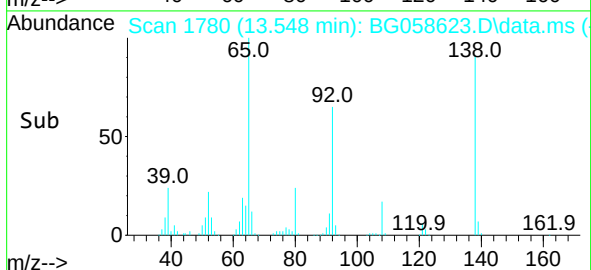
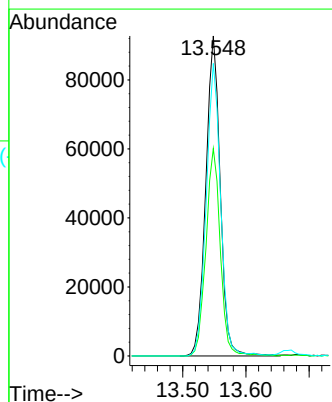
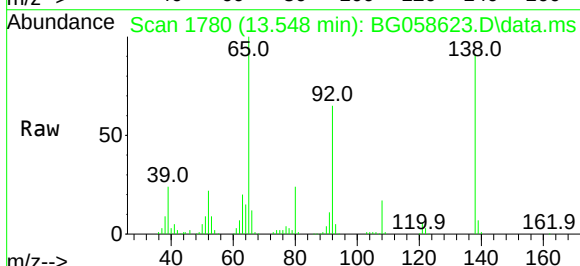
Reviewed By :Yogesh Patel 08/07/2023

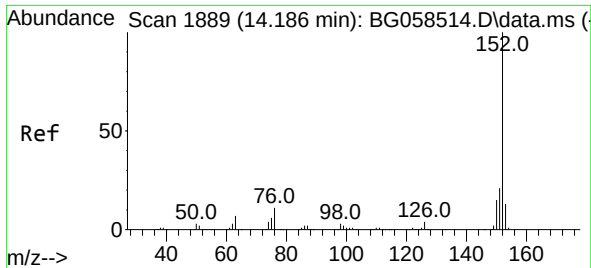
Supervised By :mohammad ahmed 08/08/2023



#48
2-Nitroaniline
Concen: 49.795 ng
RT: 13.548 min Scan# 1780
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Tgt Ion: 65 Resp: 147735
Ion Ratio Lower Upper
65 100
92 64.8 49.2 73.8
138 91.4 71.5 107.3





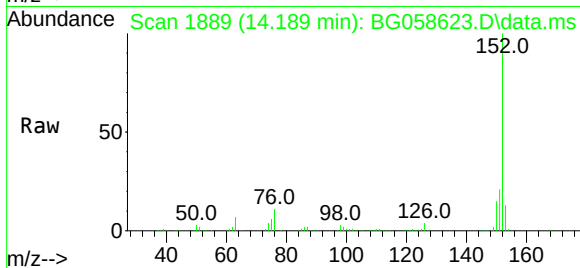
#49
Acenaphthylene
Concen: 47.215 ng
RT: 14.189 min Scan# 1889
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD



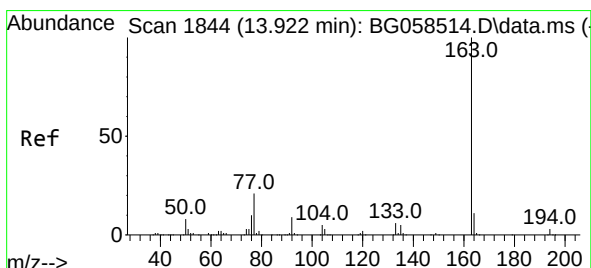
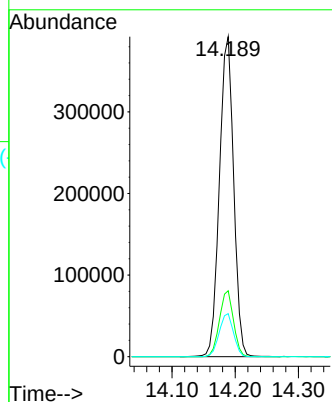
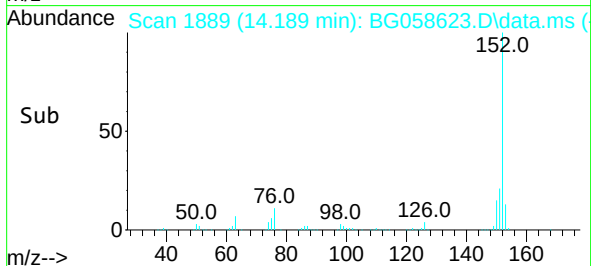
Tgt Ion:152 Resp: 614435
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 13.5 10.7 16.1

Manual Integrations

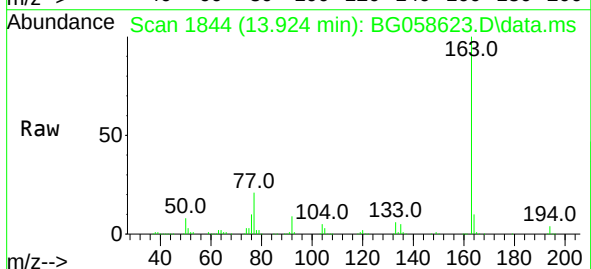
APPROVED

Reviewed By :Yogesh Patel 08/07/2023

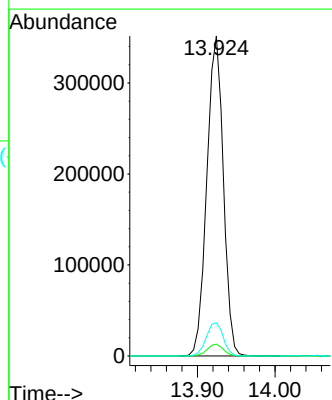
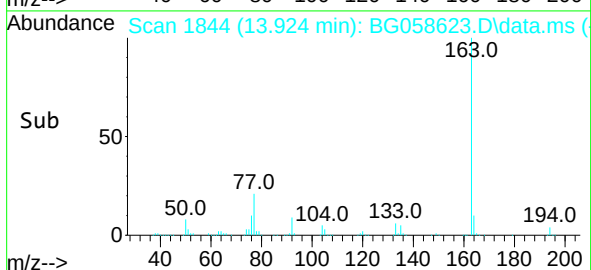
Supervised By :mohammad ahmed 08/08/2023

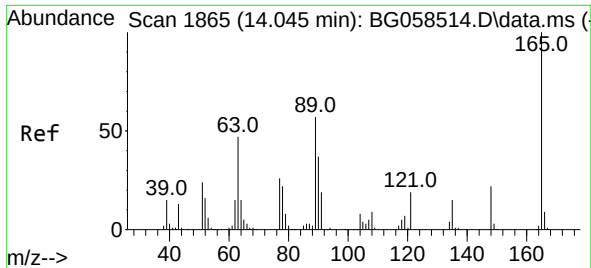


#50
Dimethylphthalate
Concen: 47.595 ng
RT: 13.924 min Scan# 1844
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11



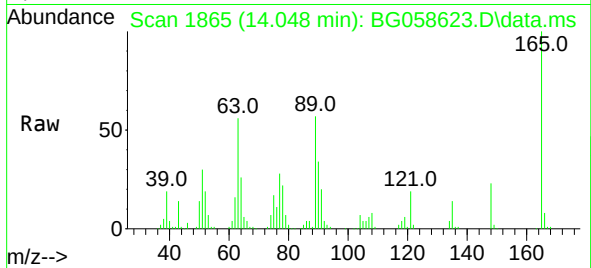
Tgt Ion:163 Resp: 518885
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.4 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 49.235 ng
RT: 14.048 min Scan# 1865
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

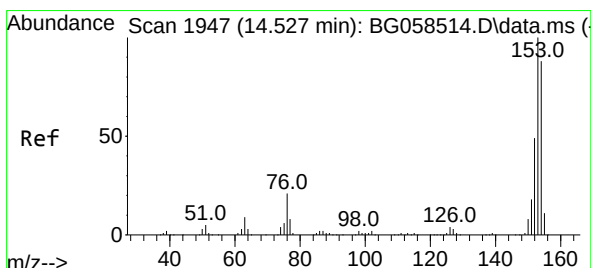
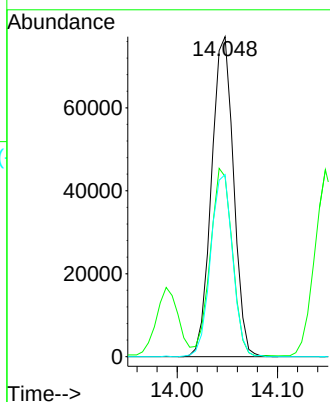
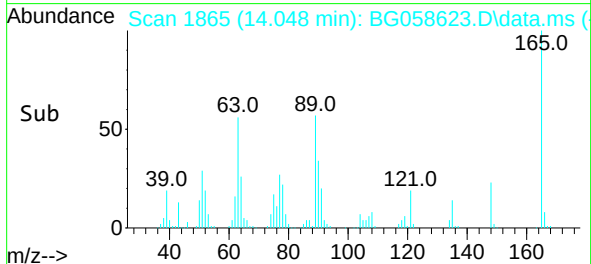
Instrument :
BNA_G
ClientSampleId :
PB154530BSD



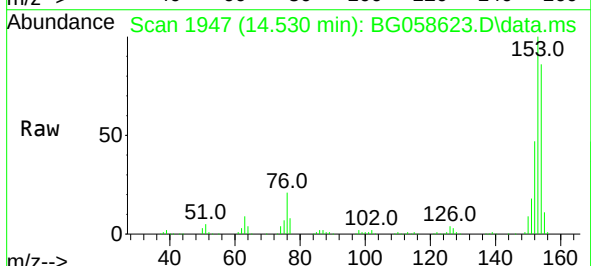
Tgt Ion:165 Resp: 117770
Ion Ratio Lower Upper
165 100
63 56.3 46.4 69.6
89 56.9 45.3 67.9

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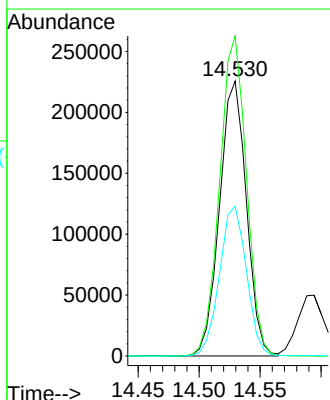
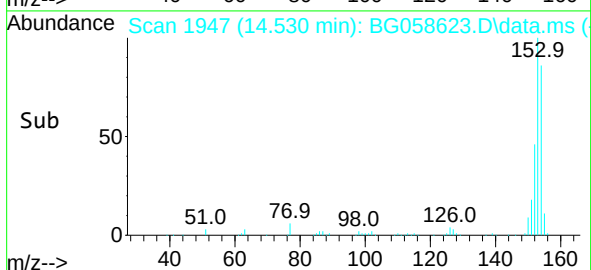
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

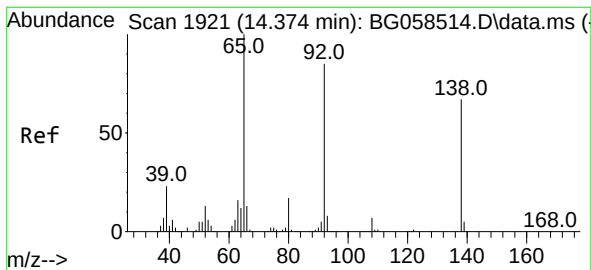


#52
Acenaphthene
Concen: 45.944 ng
RT: 14.530 min Scan# 1947
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11



Tgt Ion:154 Resp: 345476
Ion Ratio Lower Upper
154 100
153 116.4 91.1 136.7
152 54.4 44.6 66.8





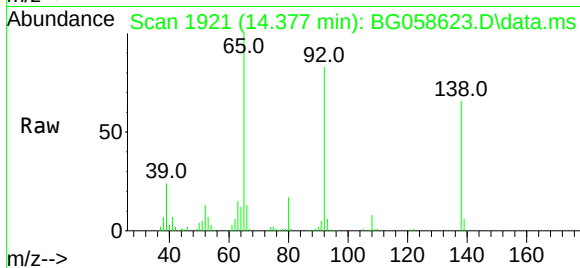
#53
3-Nitroaniline
Concen: 34.679 ng
RT: 14.377 min Scan# 1921
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD

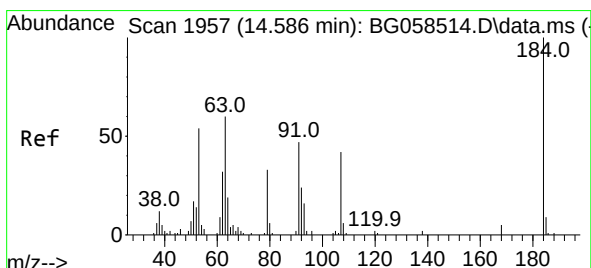
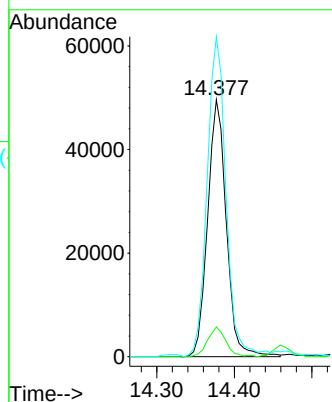
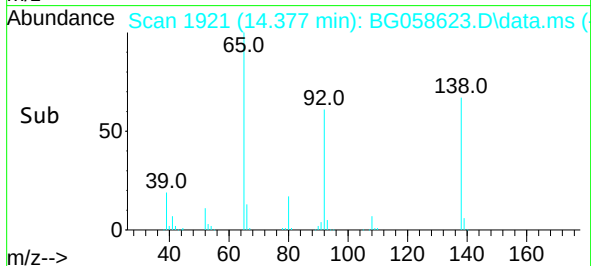


Tgt Ion:138 Resp: 82998
Ion Ratio Lower Upper
138 100
108 11.6 8.3 12.5
92 124.6 101.1 151.7

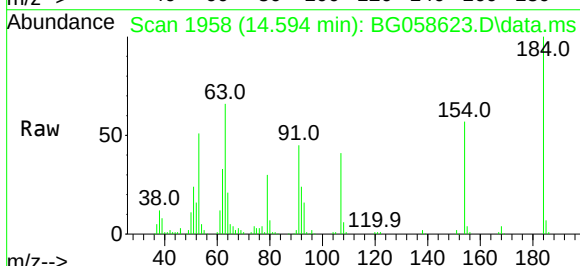
Manual Integrations

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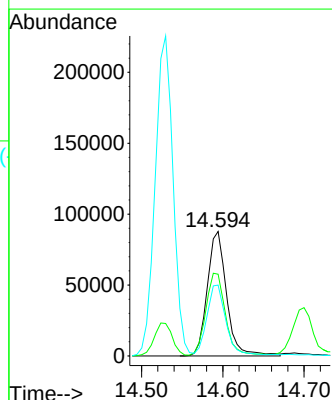
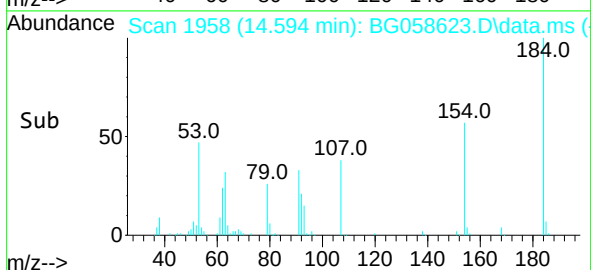
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

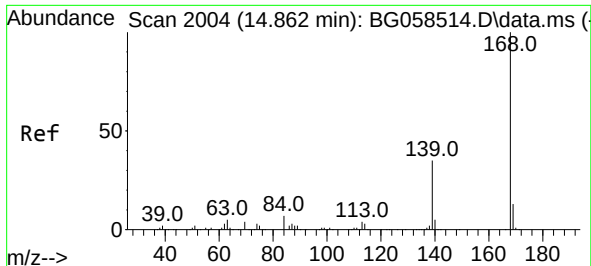


#54
2,4-Dinitrophenol
Concen: 105.191 ng
RT: 14.594 min Scan# 1958
Delta R.T. 0.008 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11



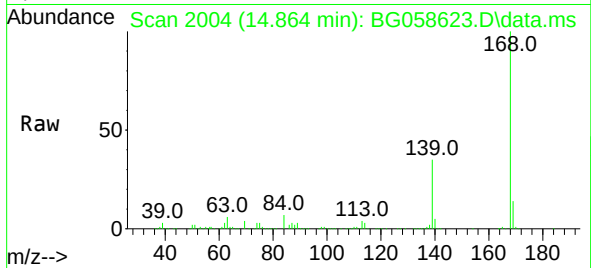
Tgt Ion:184 Resp: 145354
Ion Ratio Lower Upper
184 100
63 65.6 56.7 85.1
154 56.9 46.1 69.1





#55
Dibenzofuran
Concen: 46.239 ng
RT: 14.864 min Scan# 2004
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

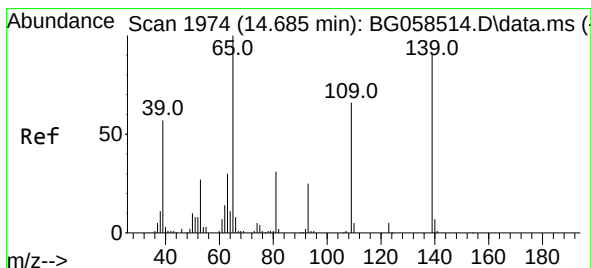
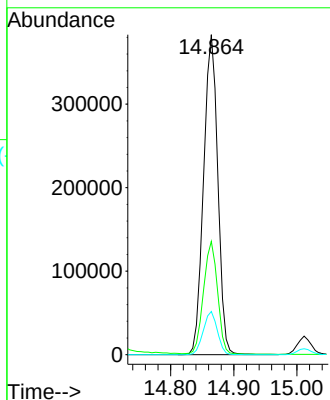
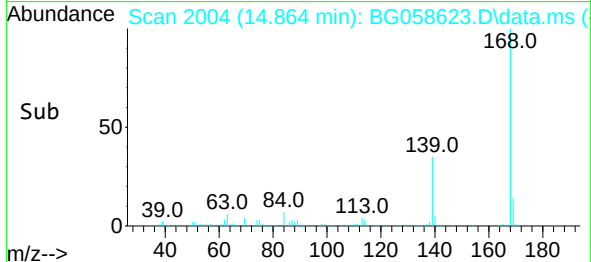
Instrument :
BNA_G
ClientSampleId :
PB154530BSD



Tgt Ion:168 Resp: 59746
Ion Ratio Lower Upper
168 100
139 35.4 27.8 41.8
169 13.5 10.6 16.0

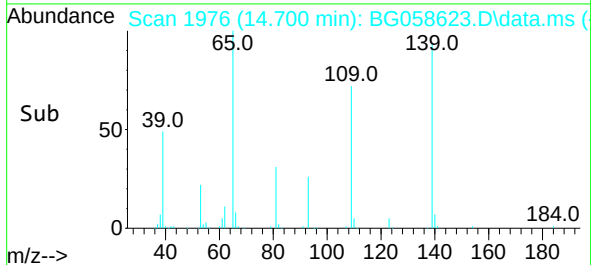
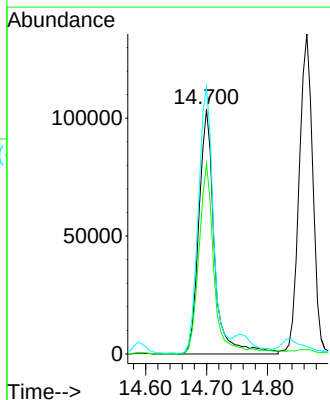
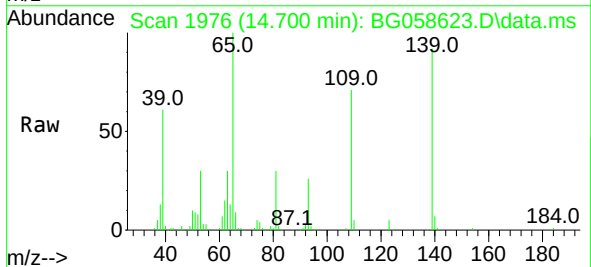
Manual Integrations
APPROVED

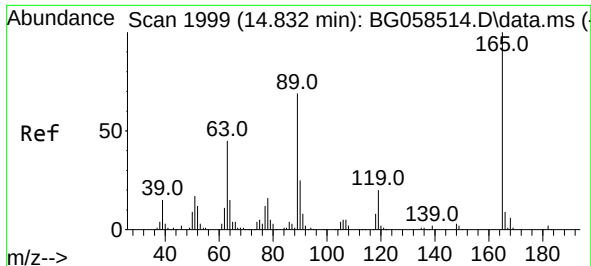
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#56
4-Nitrophenol
Concen: 102.773 ng
RT: 14.700 min Scan# 1976
Delta R.T. 0.015 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Tgt Ion:139 Resp: 184011
Ion Ratio Lower Upper
139 100
109 77.7 52.5 92.5
65 109.2 90.5 130.5





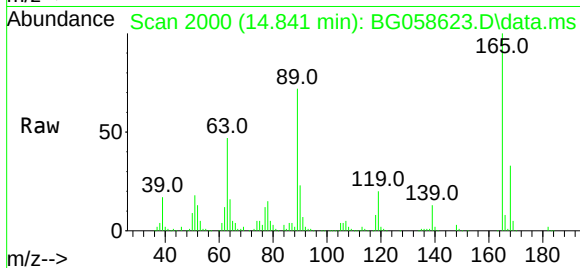
#57
2,4-Dinitrotoluene
Concen: 50.959 ng
RT: 14.841 min Scan# 2000
Delta R.T. 0.009 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD



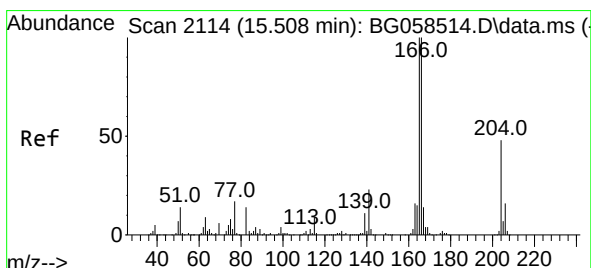
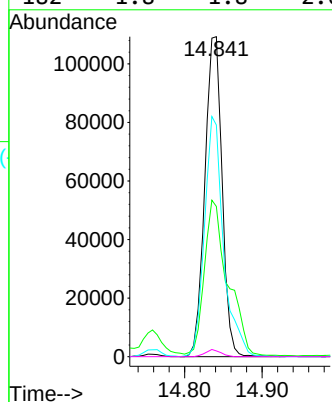
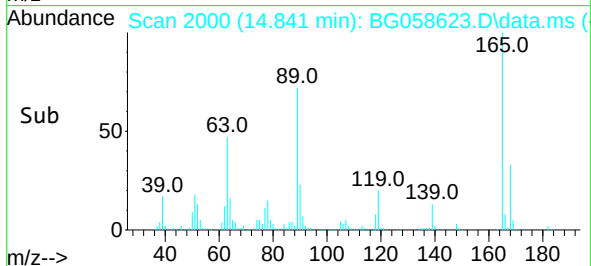
Tgt Ion:165 Resp: 16899
Ion Ratio Lower Upper
165 100
63 46.9 36.6 54.8
89 72.4 55.4 83.0
182 1.8 1.8 2.6

Manual Integrations

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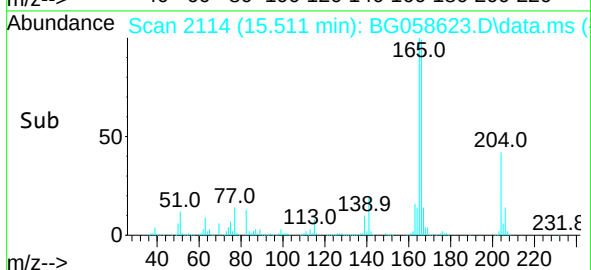
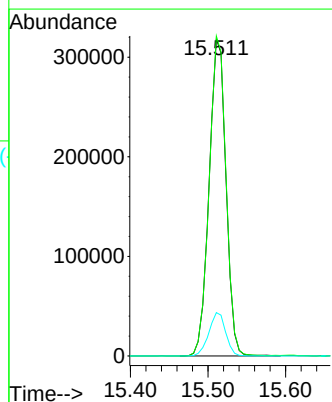
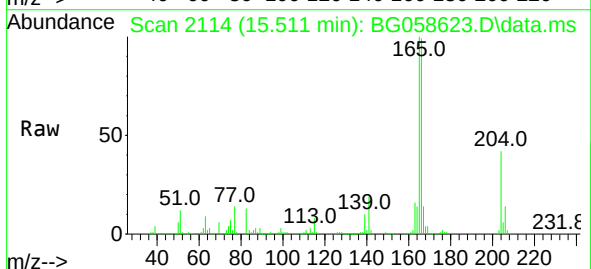
Reviewed By :Yogesh Patel 08/07/2023

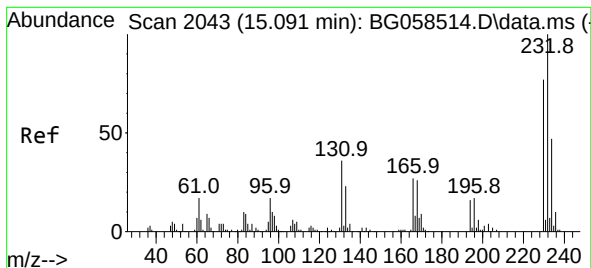
Supervised By :mohammad ahmed 08/08/2023



#58
Fluorene
Concen: 46.822 ng
RT: 15.511 min Scan# 2114
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

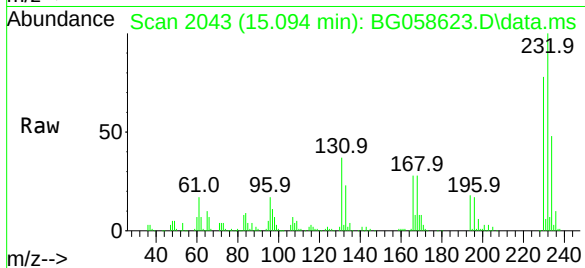
Tgt Ion:166 Resp: 480602
Ion Ratio Lower Upper
166 100
165 101.0 80.0 120.0
167 13.7 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.334 ng
RT: 15.094 min Scan# 2043
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

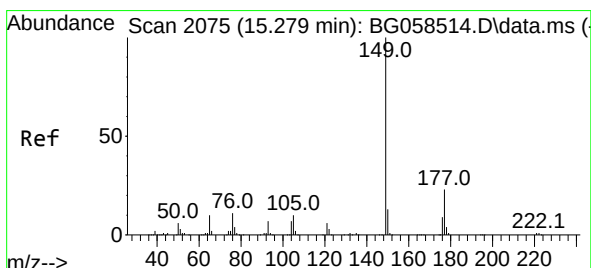
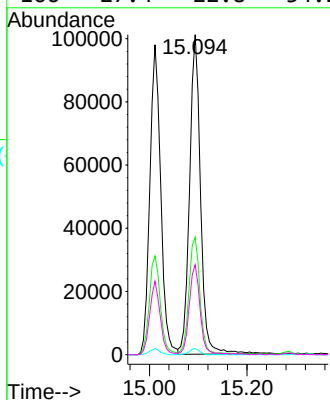
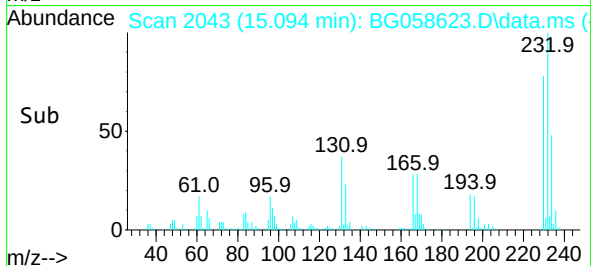
Instrument :
BNA_G
ClientSampleId :
PB154530BSD



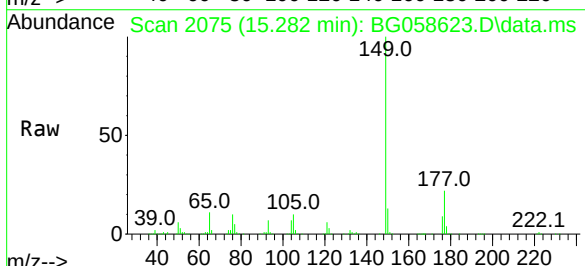
Tgt Ion:232 Resp: 158150
Ion Ratio Lower Upper
232 100
131 36.9 30.0 45.0
130 1.8 1.5 2.3
166 27.4 22.8 34.2

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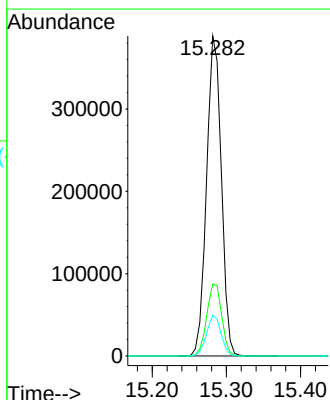
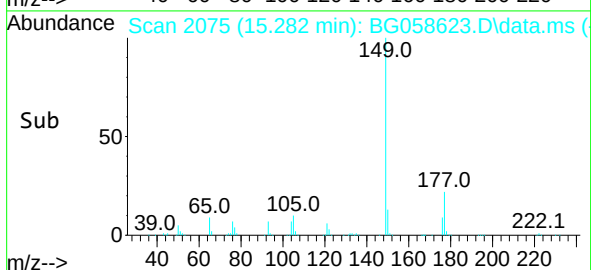
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

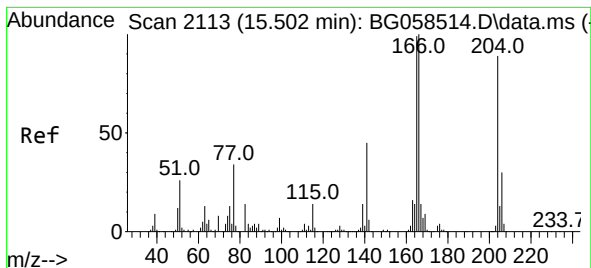


#60
Diethylphthalate
Concen: 48.464 ng
RT: 15.282 min Scan# 2075
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11



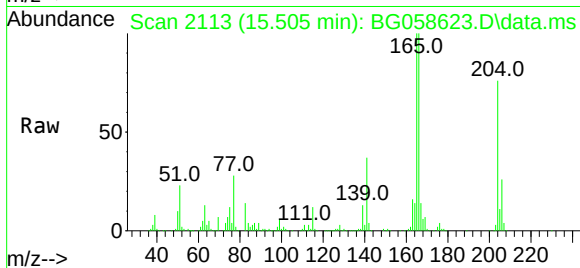
Tgt Ion:149 Resp: 538273
Ion Ratio Lower Upper
149 100
177 22.5 18.2 27.4
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 46.598 ng
RT: 15.505 min Scan# 2113
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

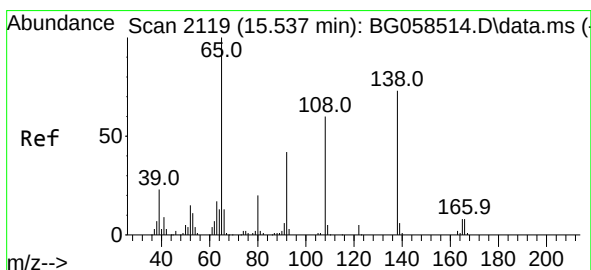
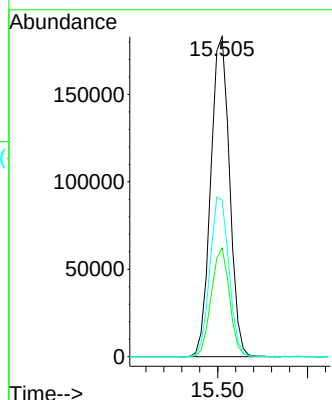
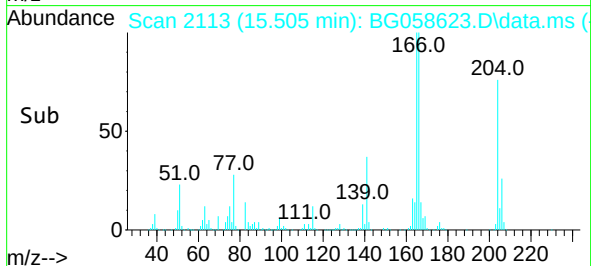
Instrument :
BNA_G
ClientSampleId :
PB154530BSD



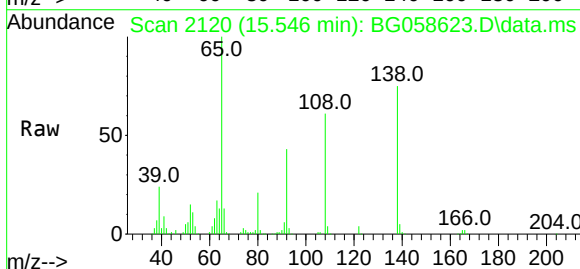
Tgt Ion:204 Resp: 266662
Ion Ratio Lower Upper
204 100
206 34.0 27.0 40.4
141 48.9 40.8 61.2

Manual Integrations
APPROVED

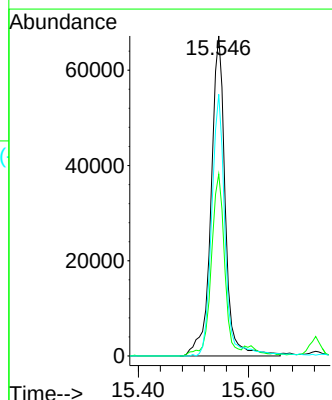
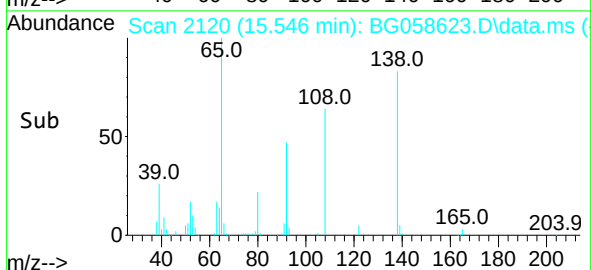
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

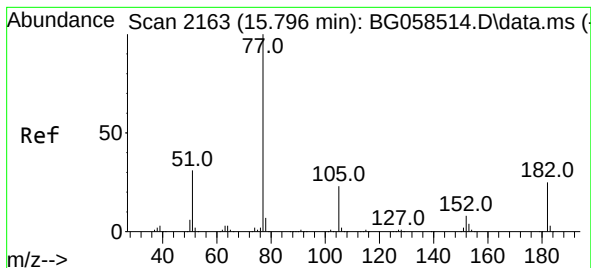


#62
4-Nitroaniline
Concen: 53.224 ng
RT: 15.546 min Scan# 2120
Delta R.T. 0.009 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11



Tgt Ion:138 Resp: 120667
Ion Ratio Lower Upper
138 100
92 56.9 37.3 77.3
108 81.8 62.6 102.6





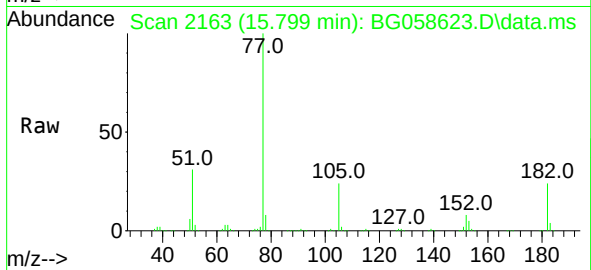
#63
Azobenzene
Concen: 47.314 ng
RT: 15.799 min Scan# 2163
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD



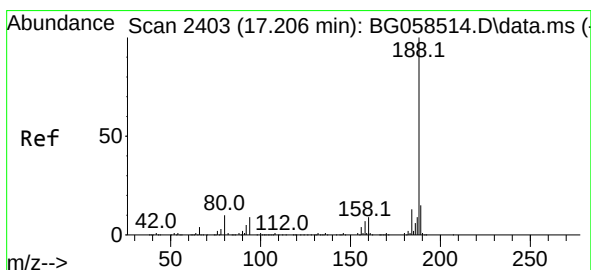
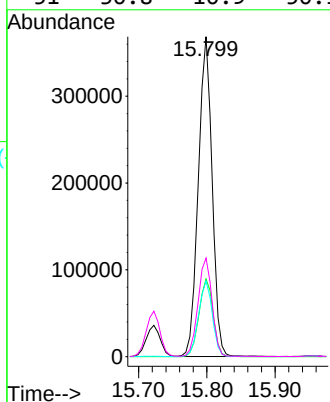
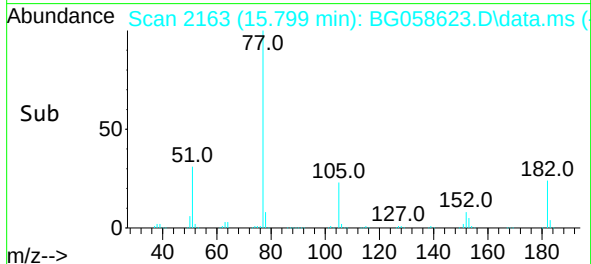
Tgt Ion: 77 Resp: 51759
Ion Ratio Lower Upper
77 100
182 24.2 4.6 44.6
105 23.7 3.3 43.3
51 30.8 10.9 50.9

Manual Integrations

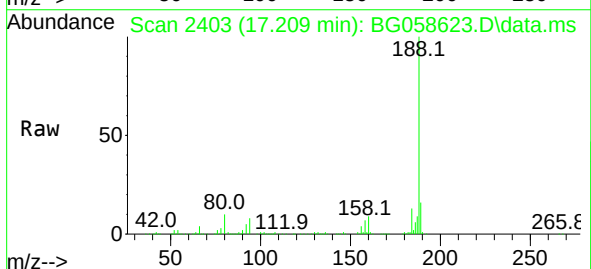
APPROVED

Reviewed By :Yogesh Patel 08/07/2023

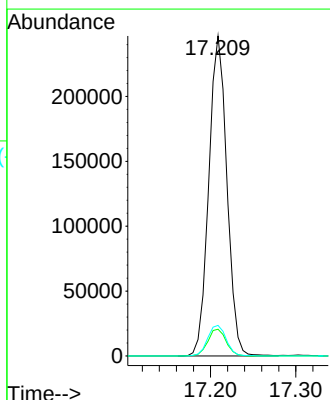
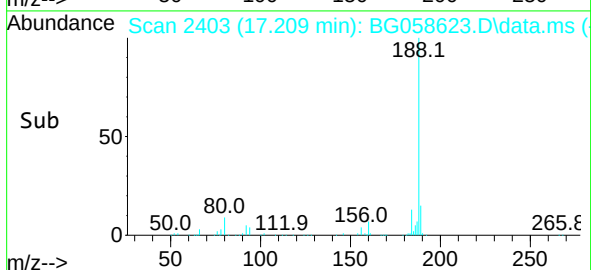
Supervised By :mohammad ahmed 08/08/2023

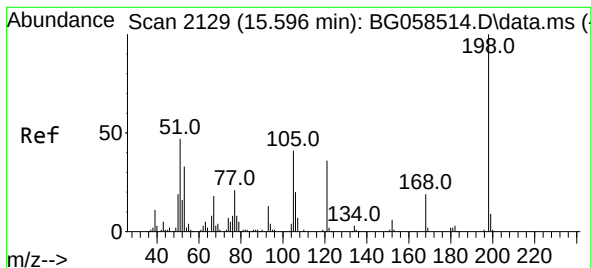


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2403
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11



Tgt Ion:188 Resp: 365347
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.6 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 52.390 ng
RT: 15.605 min Scan# 2129
Delta R.T. 0.009 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

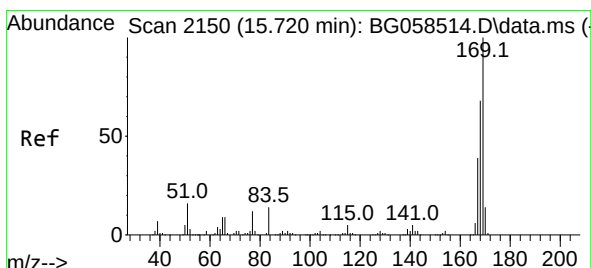
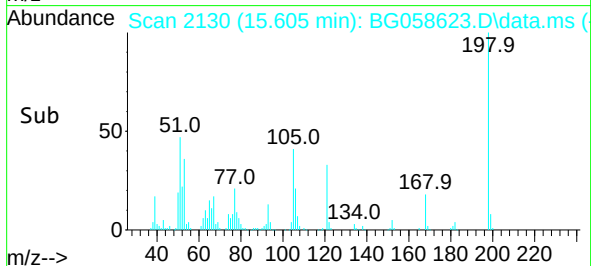
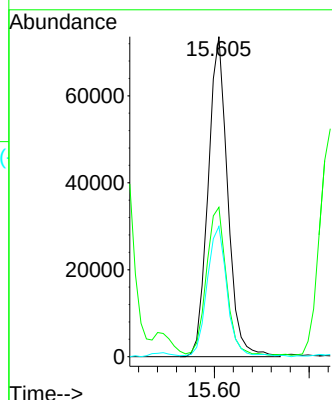
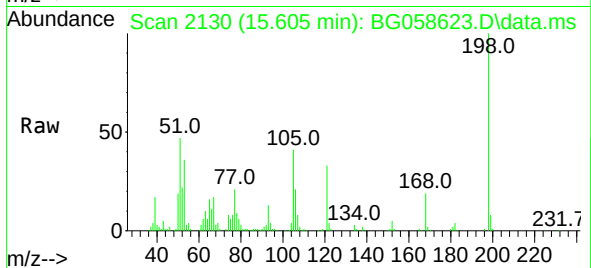
PB154530BSD

Tgt Ion:198 Resp: 105539
Ion Ratio Lower Upper
198 100
51 46.7 29.3 69.3
105 40.7 21.0 61.0

Manual Integrations

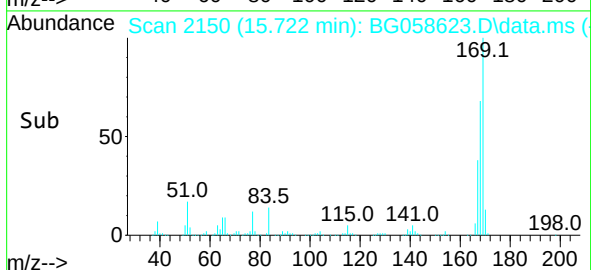
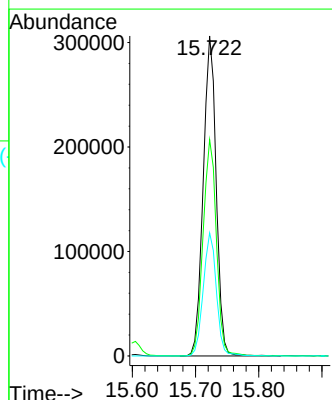
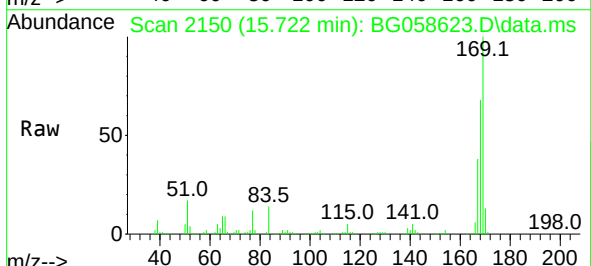
APPROVED

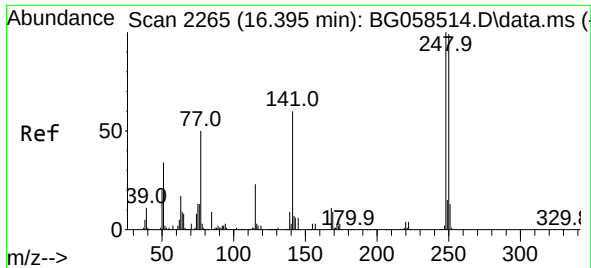
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#66
n-Nitrosodiphenylamine
Concen: 45.920 ng
RT: 15.722 min Scan# 2150
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

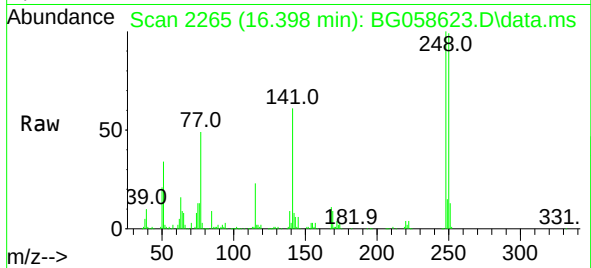
Tgt Ion:169 Resp: 436653
Ion Ratio Lower Upper
169 100
168 67.6 54.6 82.0
167 38.5 31.3 46.9





#67
4-Bromophenyl-phenylether
Concen: 45.377 ng
RT: 16.398 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

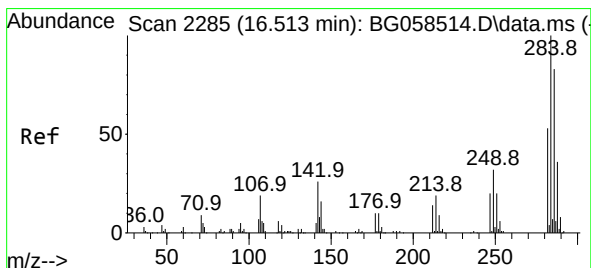
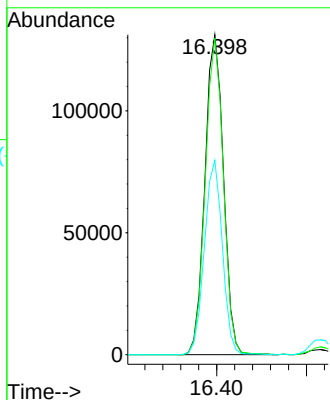
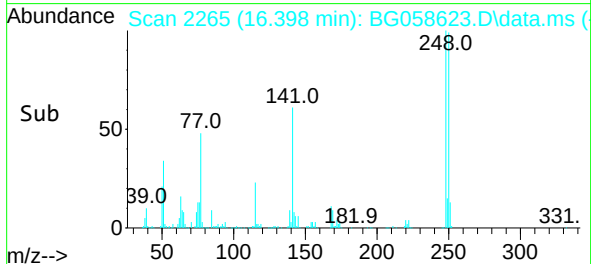
Instrument :
BNA_G
ClientSampleId :
PB154530BSD



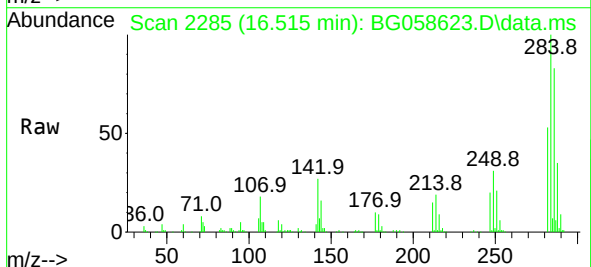
Tgt Ion:248 Resp: 188034
Ion Ratio Lower Upper
248 100
250 99.0 79.5 119.3
141 60.7 48.2 72.2

Manual Integrations
APPROVED

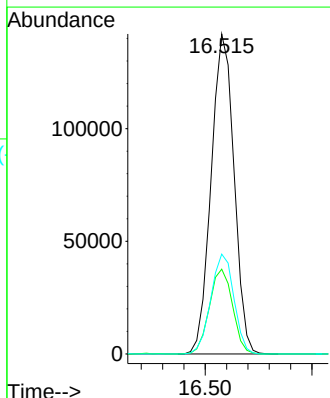
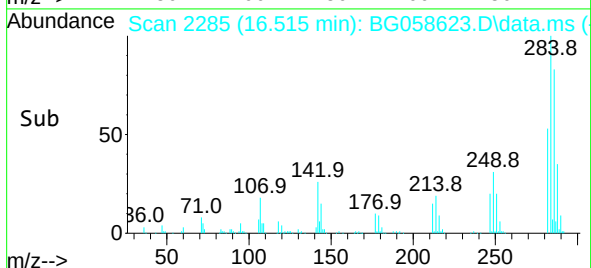
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

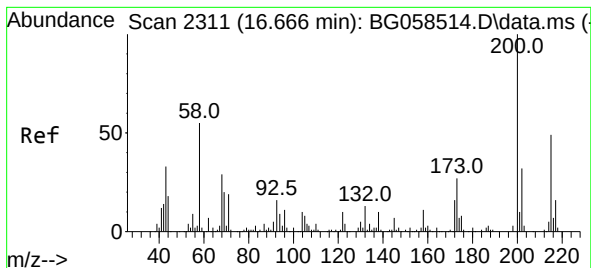


#68
Hexachlorobenzene
Concen: 48.086 ng
RT: 16.515 min Scan# 2285
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11



Tgt Ion:284 Resp: 211146
Ion Ratio Lower Upper
284 100
142 26.5 21.0 31.4
249 31.2 25.5 38.3





#69

Atrazine

Concen: 56.408 ng

RT: 16.674 min Scan# 21

Delta R.T. 0.009 min

Lab File: BG058623.D

Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD

Tgt Ion:200 Resp: 181069

Ion Ratio Lower Upper

200 100

173 26.1 6.5 46.5

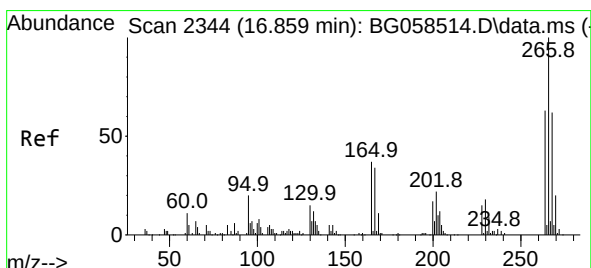
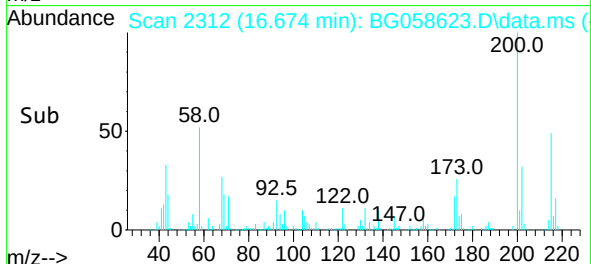
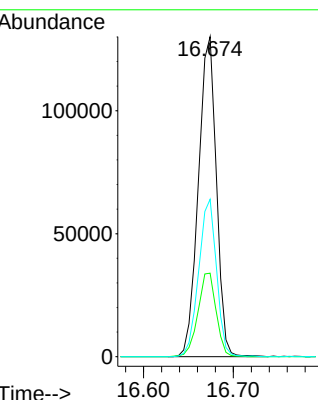
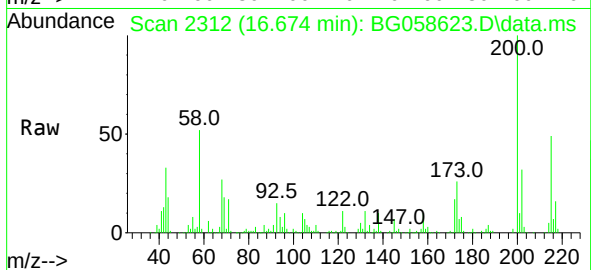
215 49.2 28.9 68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#70

Pentachlorophenol

Concen: 85.538 ng

RT: 16.862 min Scan# 2344

Delta R.T. 0.003 min

Lab File: BG058623.D

Acq: 7 Aug 2023 12:11

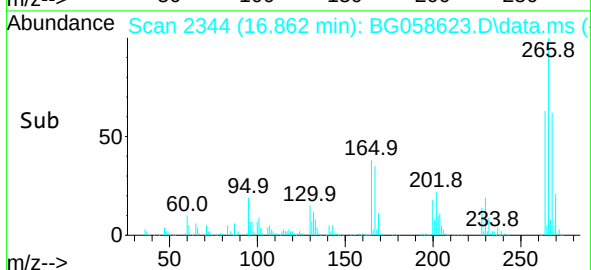
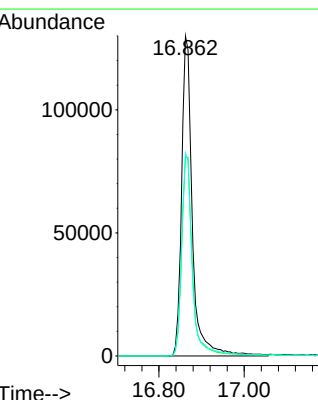
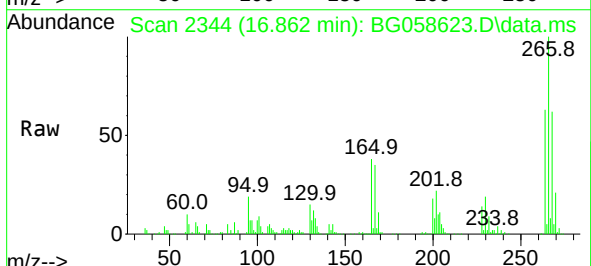
Tgt Ion:266 Resp: 227341

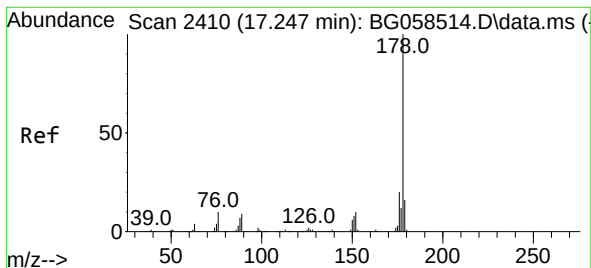
Ion Ratio Lower Upper

266 100

268 62.2 49.9 74.9

264 63.4 50.2 75.4





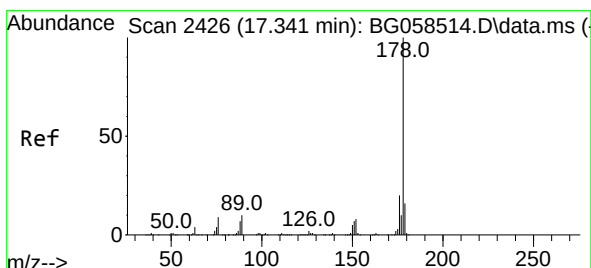
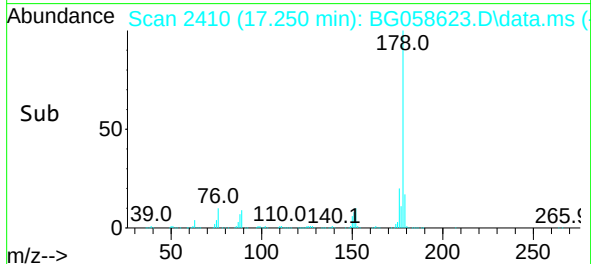
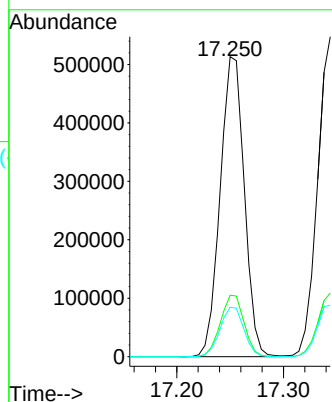
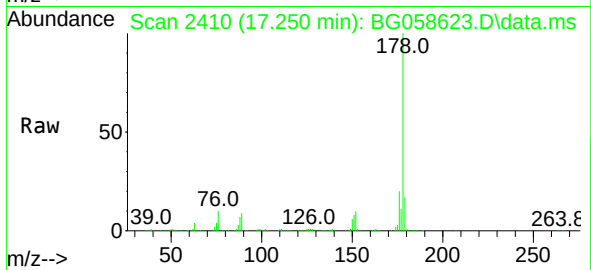
#71
Phenanthrene
Concen: 46.525 ng
RT: 17.250 min Scan# 2410
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Instrument :
BNA_G
ClientSampleId :
PB154530BSD

Tgt Ion:178 Resp: 80610
Ion Ratio Lower Upper
178 100
176 20.5 16.3 24.5
179 16.5 13.1 19.7

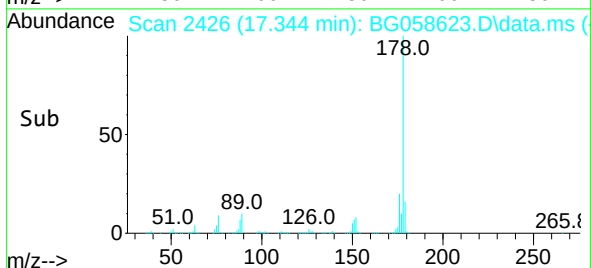
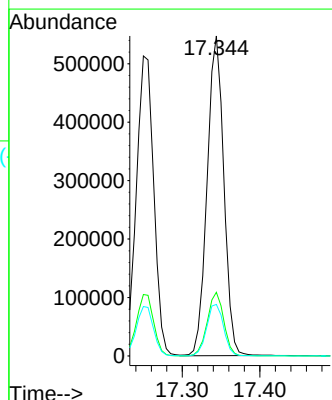
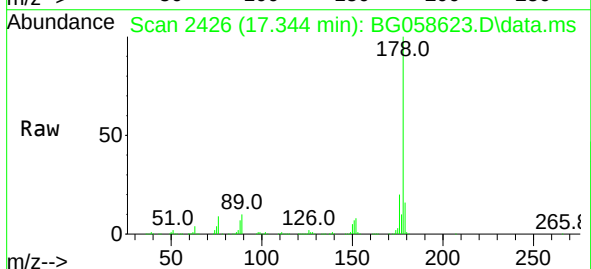
Manual Integrations
APPROVED

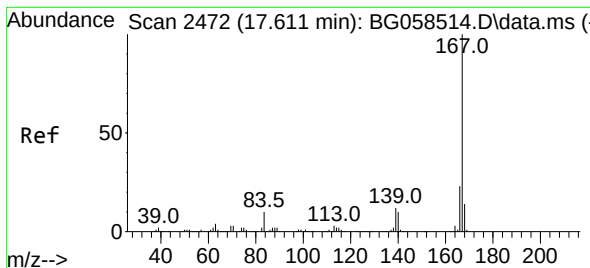
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#72
Anthracene
Concen: 46.008 ng
RT: 17.344 min Scan# 2426
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Tgt Ion:178 Resp: 817936
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 16.1 12.9 19.3





#73

Carbazole

Concen: 49.806 ng

RT: 17.614 min Scan# 2472

Delta R.T. 0.003 min

Lab File: BG058623.D

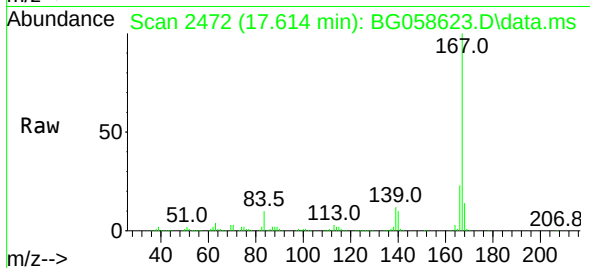
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD

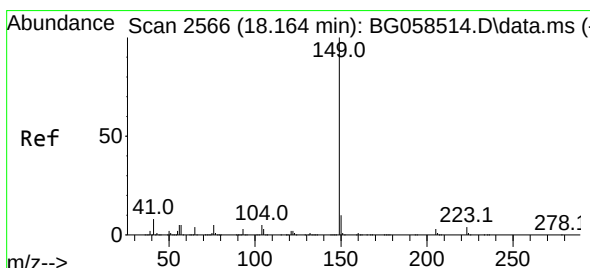
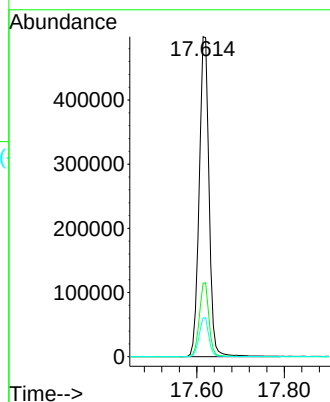
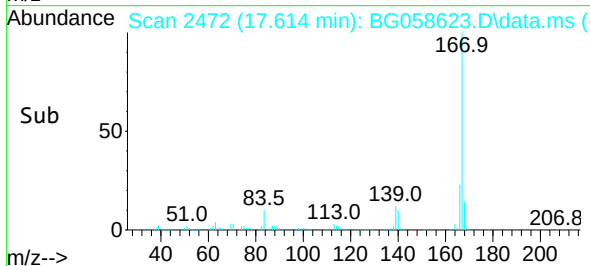


Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.4	27.6
139	12.1	10.0	15.0

Manual Integrations

APPROVED

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



#74

Di-n-butylphthalate

Concen: 48.301 ng

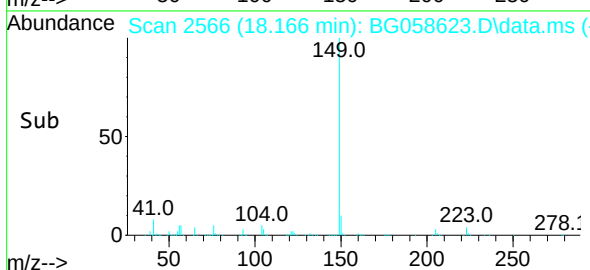
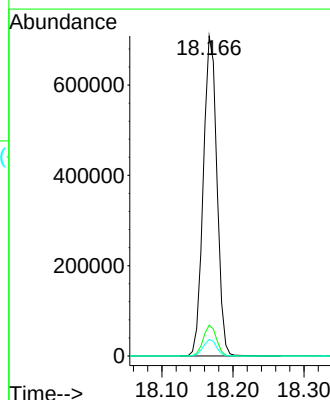
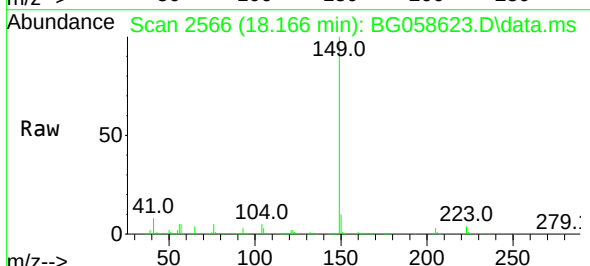
RT: 18.166 min Scan# 2566

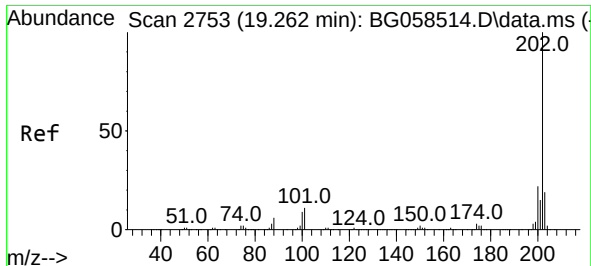
Delta R.T. 0.003 min

Lab File: BG058623.D

Acq: 7 Aug 2023 12:11

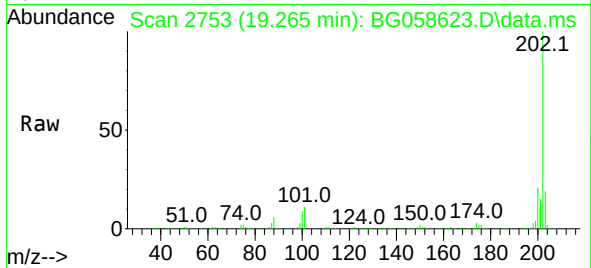
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	5.1	4.0	6.0





#75
Fluoranthene
Concen: 47.688 ng
RT: 19.265 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

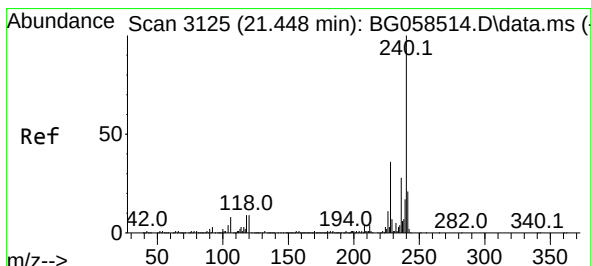
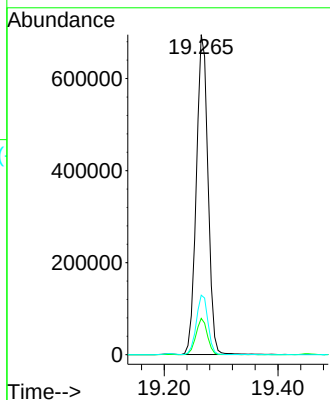
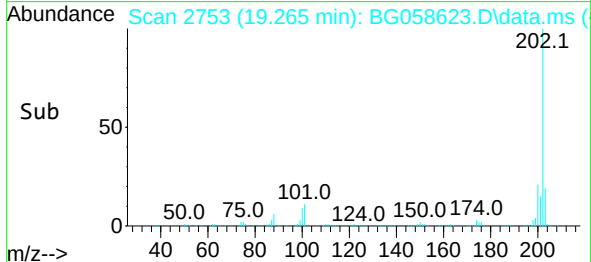
Instrument :
BNA_G
ClientSampleId :
PB154530BSD



Tgt Ion:202 Resp: 99251
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 18.6 0.0 39.0

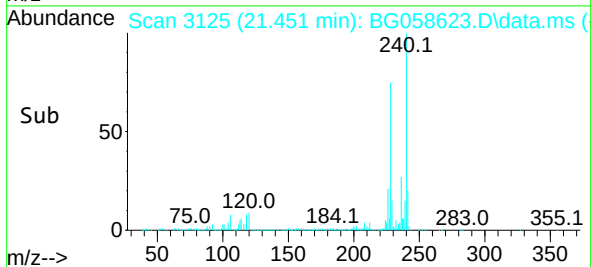
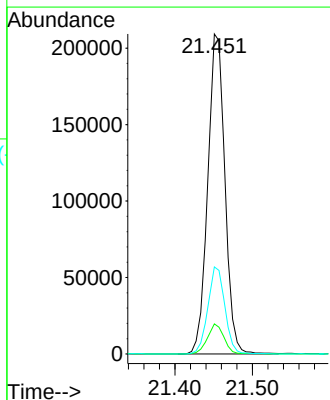
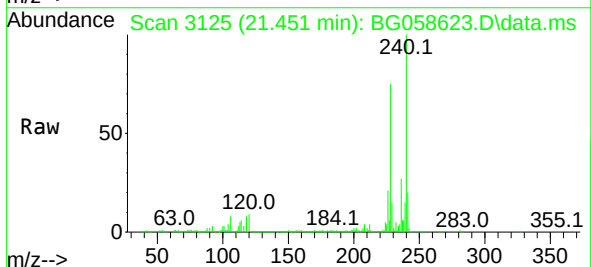
Manual Integrations
APPROVED

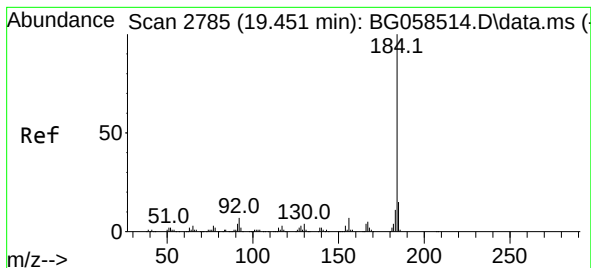
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. 0.003 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

Tgt Ion:240 Resp: 322013
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 27.2 22.2 33.4





#77

Benzidine

Concen: 88.254 ng

RT: 19.453 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG058623.D

Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD

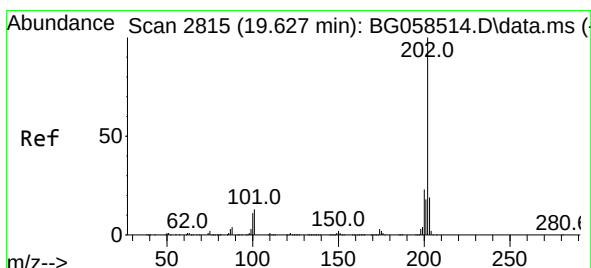
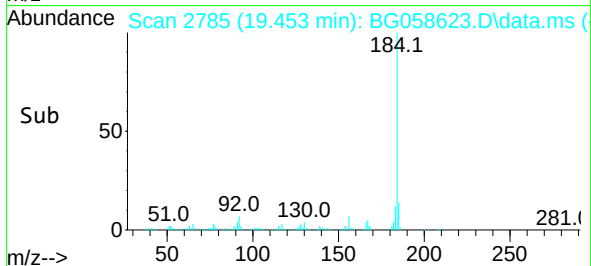
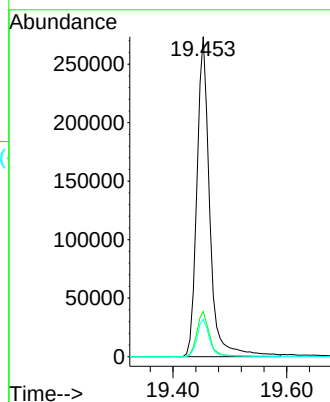
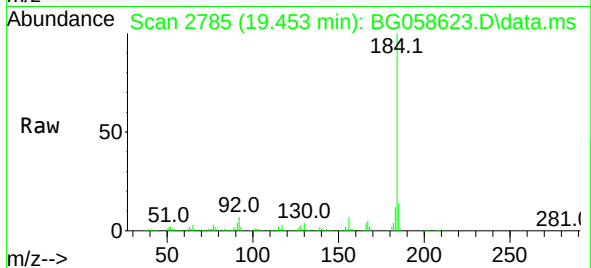
Tgt Ion:184 Resp: 430945
 Ion Ratio Lower Upper
 184 100
 185 14.1 11.9 17.9
 183 11.7 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#78

Pyrene

Concen: 46.624 ng

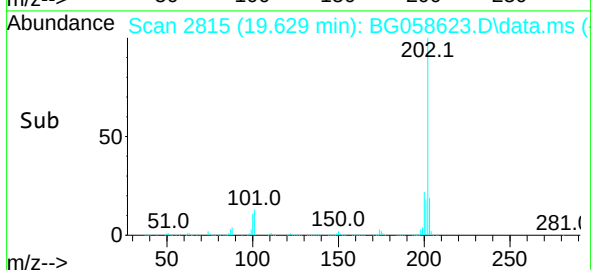
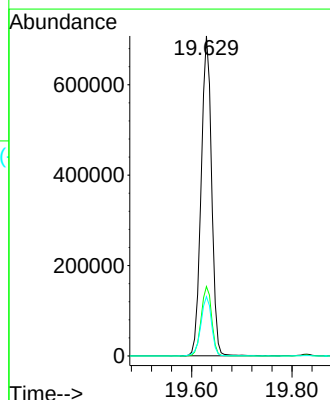
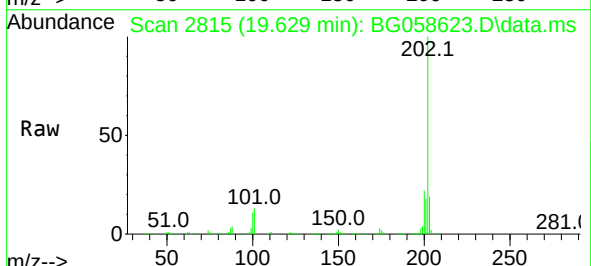
RT: 19.629 min Scan# 2815

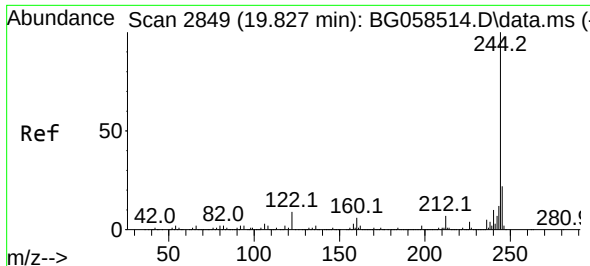
Delta R.T. 0.003 min

Lab File: BG058623.D

Acq: 7 Aug 2023 12:11

Tgt Ion:202 Resp: 1021764
 Ion Ratio Lower Upper
 202 100
 200 21.7 18.2 27.2
 203 18.5 15.1 22.7





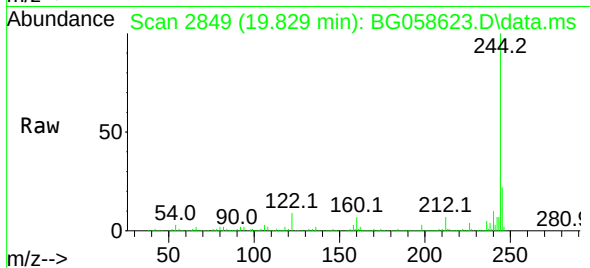
#79
 Terphenyl-d14
 Concen: 93.324 ng
 RT: 19.829 min Scan# 2849
 Delta R.T. 0.003 min
 Lab File: BG058623.D
 Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD



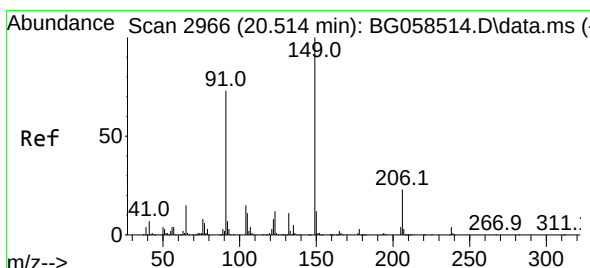
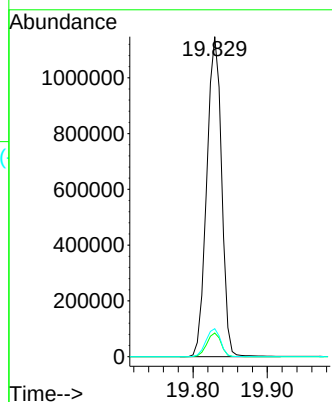
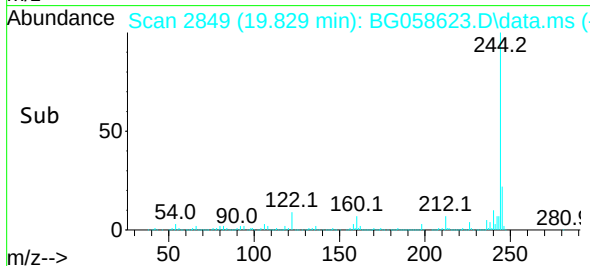
Tgt Ion:244 Resp: 159803
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 8.8 6.8 10.2

Manual Integrations

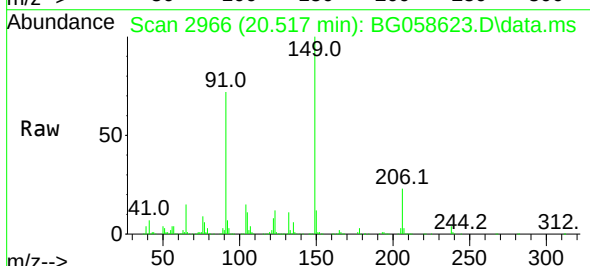
APPROVED

Reviewed By :Yogesh Patel 08/07/2023

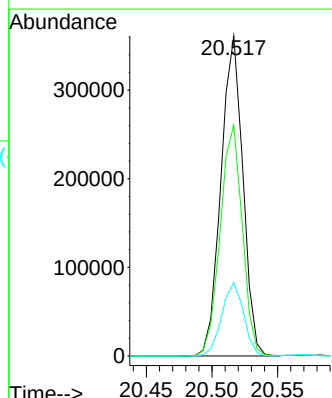
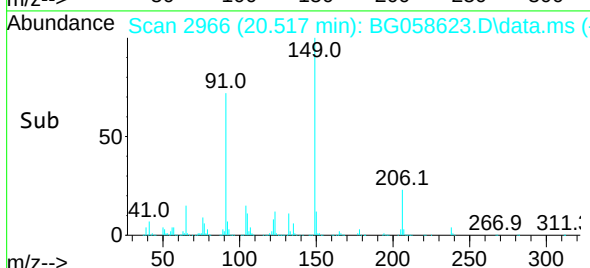
Supervised By :mohammad ahmed 08/08/2023

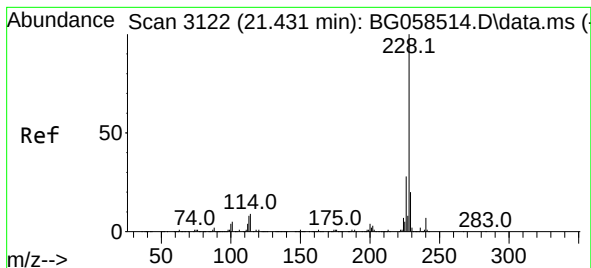


#80
 Butylbenzylphthalate
 Concen: 46.586 ng
 RT: 20.517 min Scan# 2966
 Delta R.T. 0.003 min
 Lab File: BG058623.D
 Acq: 7 Aug 2023 12:11



Tgt Ion:149 Resp: 419352
 Ion Ratio Lower Upper
 149 100
 91 72.1 58.4 87.6
 206 22.9 18.3 27.5





#81

Benzo(a)anthracene

Concen: 46.601 ng

RT: 21.433 min Scan# 3122

Delta R.T. 0.003 min

Lab File: BG058623.D

Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD

Tgt Ion:228 Resp: 103271

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

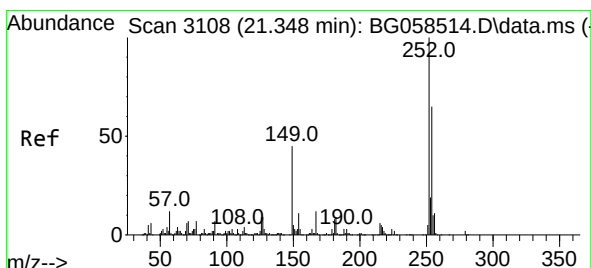
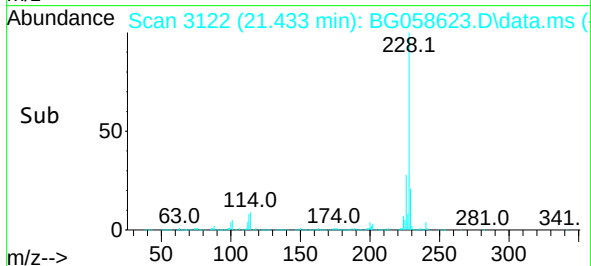
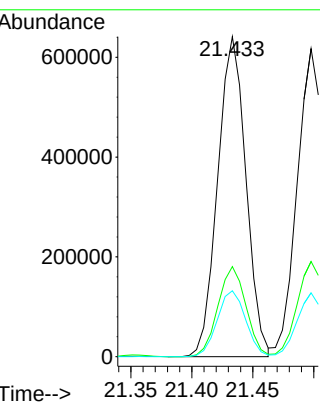
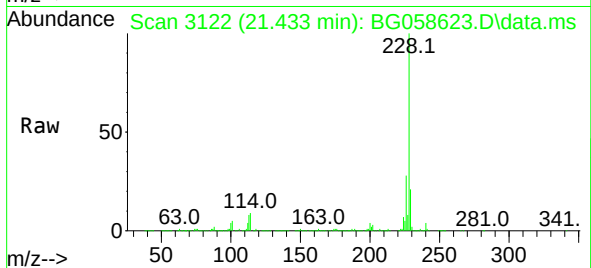
229 20.6 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#82

3,3'-Dichlorobenzidine

Concen: 40.254 ng

RT: 21.357 min Scan# 3109

Delta R.T. 0.009 min

Lab File: BG058623.D

Acq: 7 Aug 2023 12:11

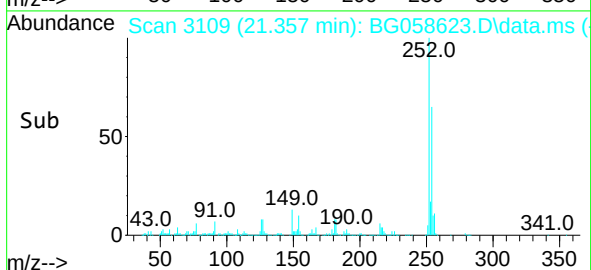
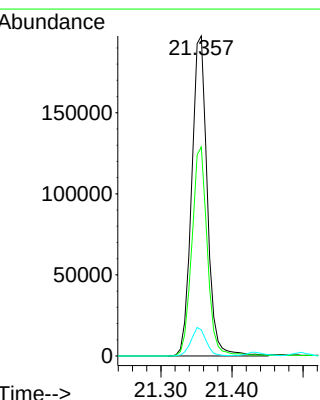
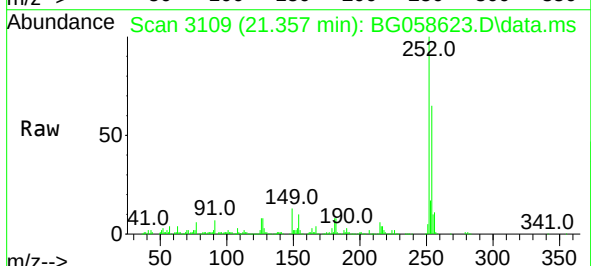
Tgt Ion:252 Resp: 301615

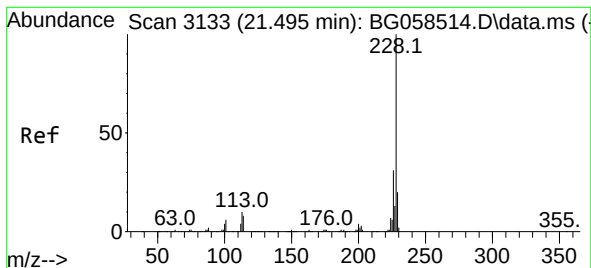
Ion Ratio Lower Upper

252 100

254 65.3 52.2 78.4

126 8.1 7.2 10.8





#83

Chrysene

Concen: 45.445 ng

RT: 21.498 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG058623.D

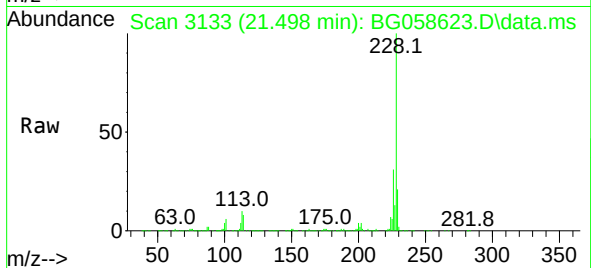
Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD



Tgt Ion:228 Resp: 96558

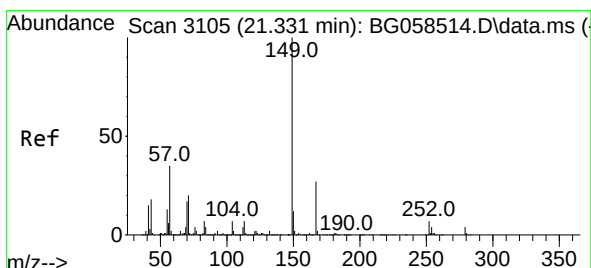
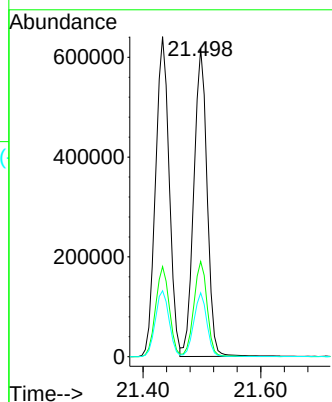
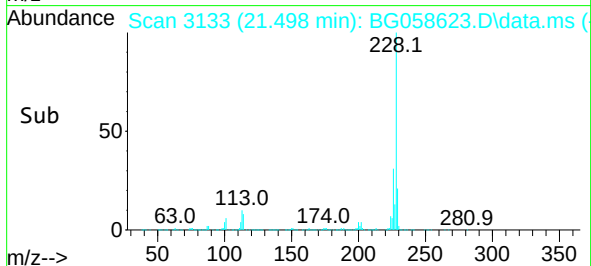
Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.7	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.000 ng

RT: 21.333 min Scan# 3105

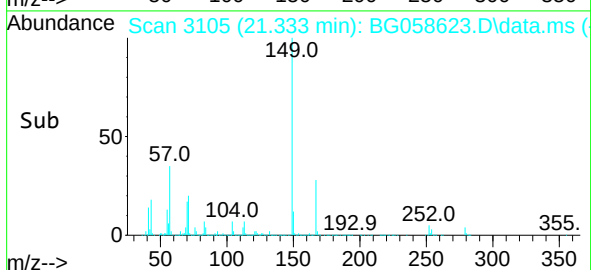
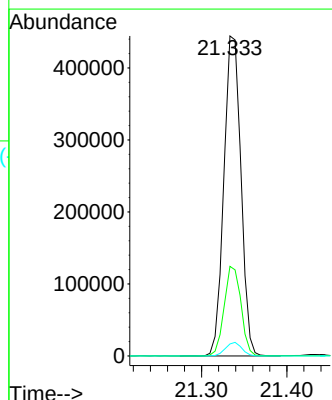
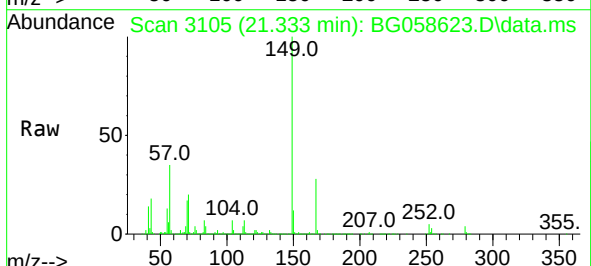
Delta R.T. 0.003 min

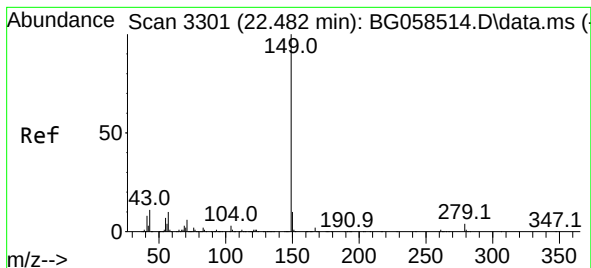
Lab File: BG058623.D

Acq: 7 Aug 2023 12:11

Tgt Ion:149 Resp: 618258

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.8	32.8
279	3.8	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 47.532 ng

RT: 22.491 min Scan# 31

Delta R.T. 0.009 min

Lab File: BG058623.D

Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD

Tgt Ion:149 Resp: 1099280

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

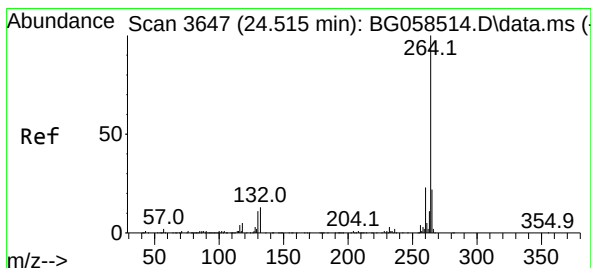
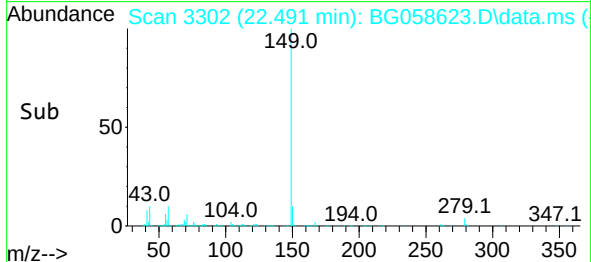
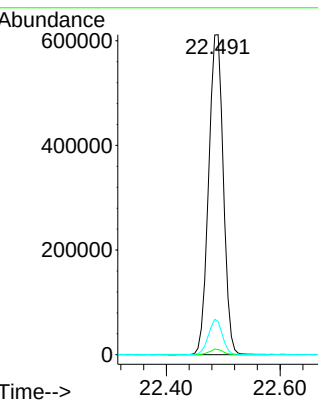
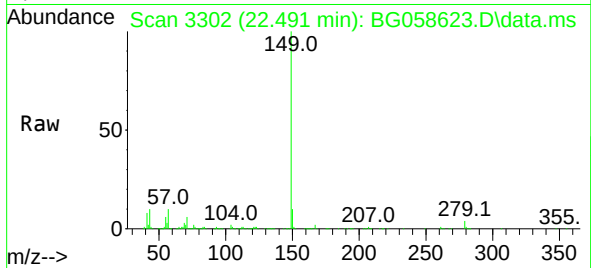
43 10.4 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.524 min Scan# 3648

Delta R.T. 0.009 min

Lab File: BG058623.D

Acq: 7 Aug 2023 12:11

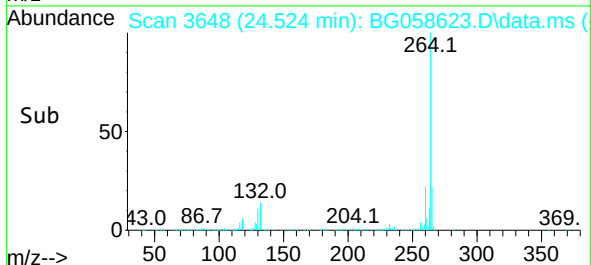
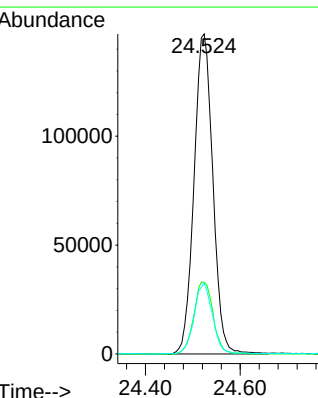
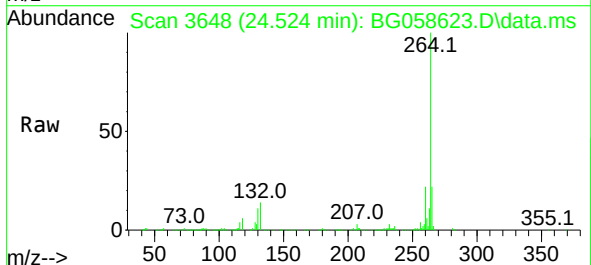
Tgt Ion:264 Resp: 405292

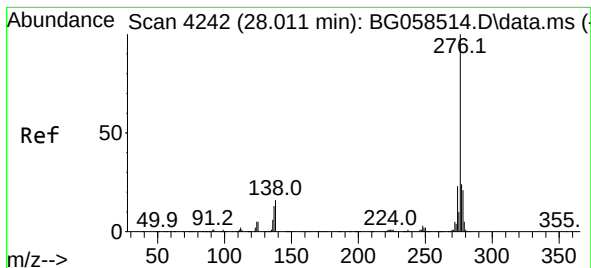
Ion Ratio Lower Upper

264 100

260 22.4 18.4 27.6

265 22.1 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.910 ng

RT: 28.025 min Scan# 4244

Delta R.T. 0.014 min

Lab File: BG058623.D

Acq: 7 Aug 2023 12:11

Instrument :

BNA_G

ClientSampleId :

PB154530BSD

Tgt Ion:276 Resp: 131875

Ion Ratio Lower Upper

276 100

138 9.3 16.0 24.0

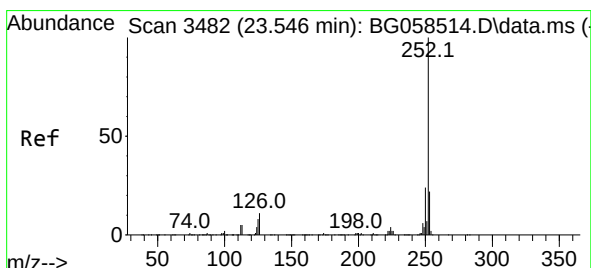
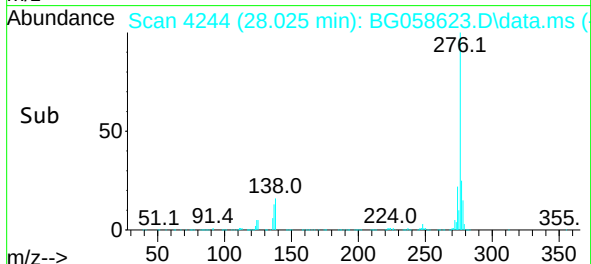
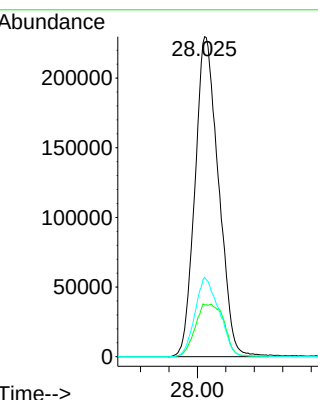
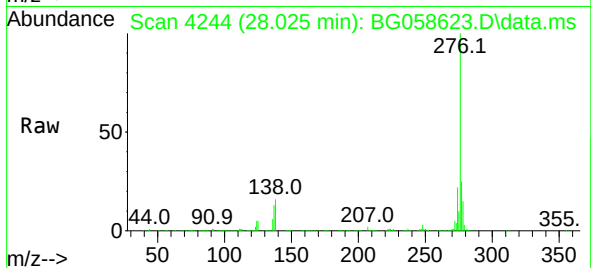
277 25.5 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#88

Benzo(b)fluoranthene

Concen: 49.823 ng

RT: 23.548 min Scan# 3482

Delta R.T. 0.003 min

Lab File: BG058623.D

Acq: 7 Aug 2023 12:11

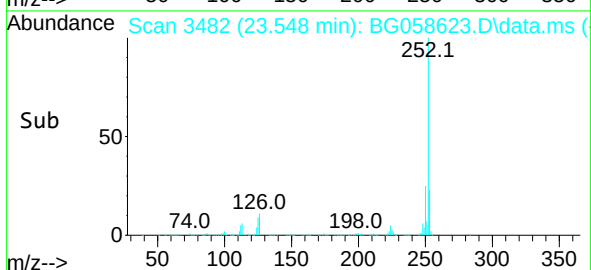
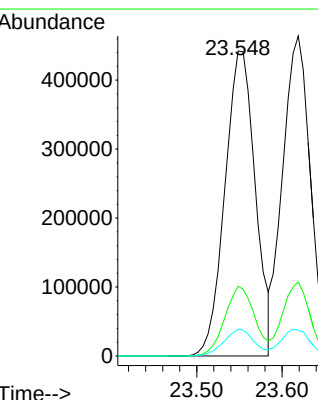
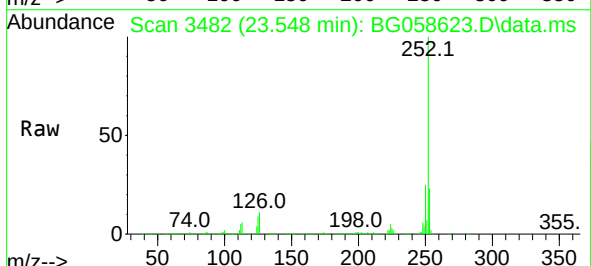
Tgt Ion:252 Resp: 1095220

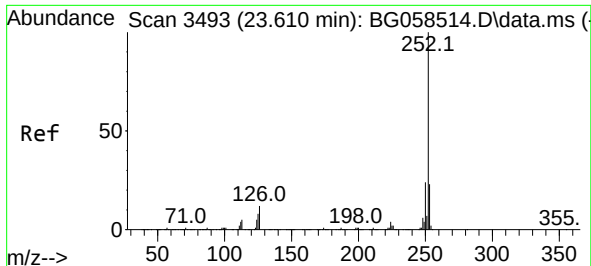
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

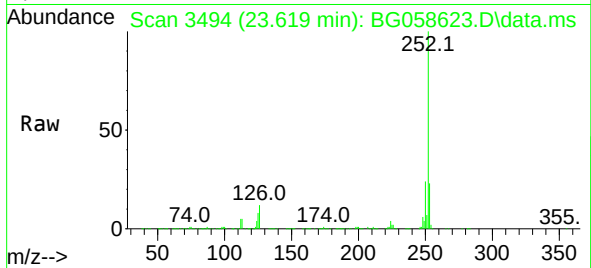
125 8.8 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 47.783 ng
RT: 23.619 min Scan# 3493
Delta R.T. 0.009 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

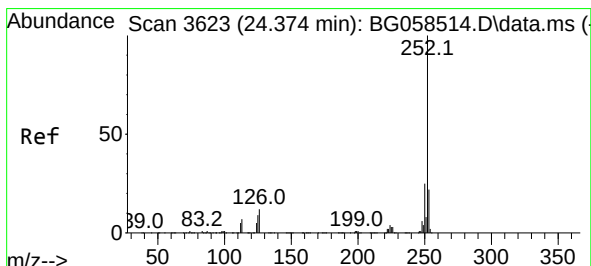
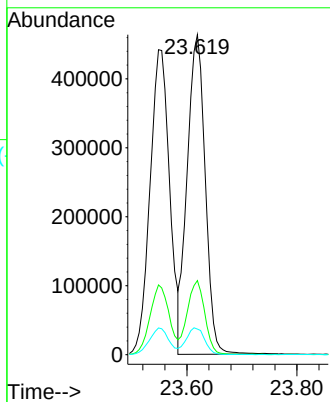
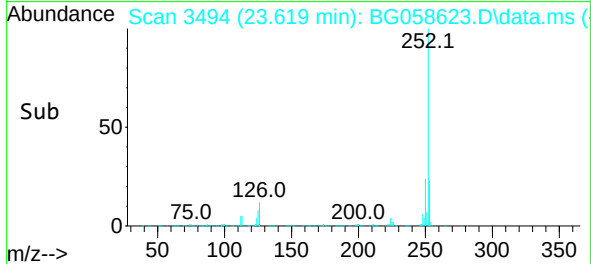
Instrument :
BNA_G
ClientSampleId :
PB154530BSD



Tgt Ion:252 Resp: 105520
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 8.0 6.6 10.0

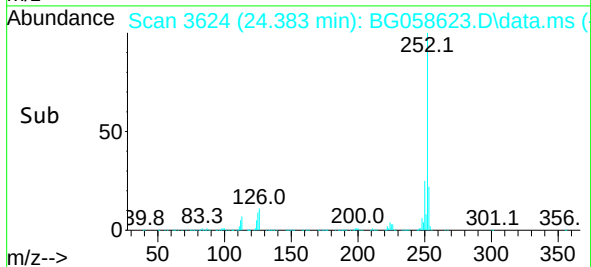
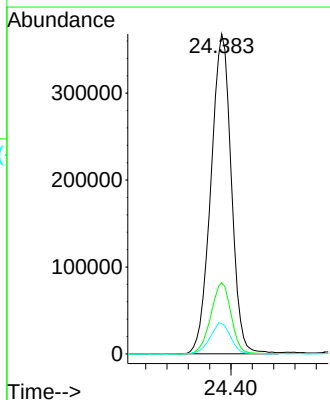
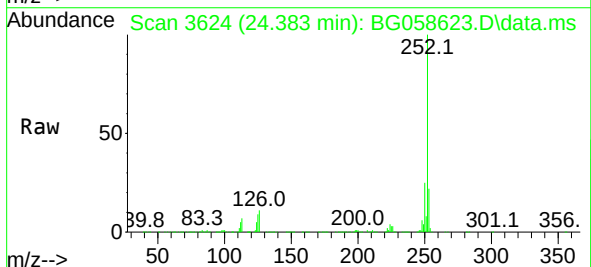
Manual Integrations
APPROVED

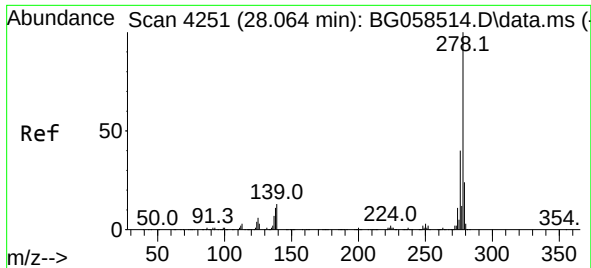
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#90
Benzo(a)pyrene
Concen: 45.247 ng
RT: 24.383 min Scan# 3624
Delta R.T. 0.009 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

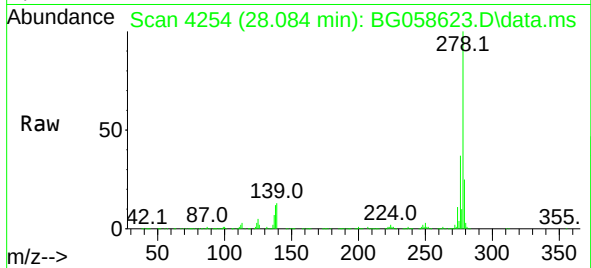
Tgt Ion:252 Resp: 976783
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.5 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 48.840 ng
RT: 28.084 min Scan# 41
Delta R.T. 0.020 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11

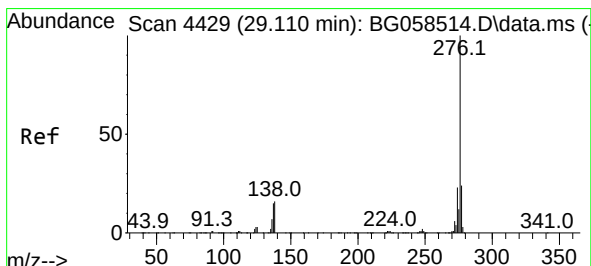
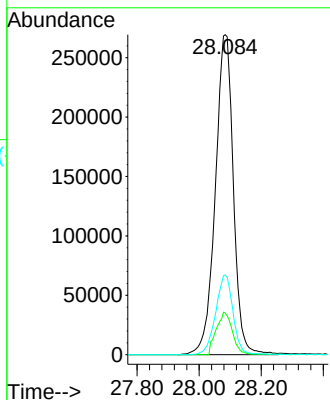
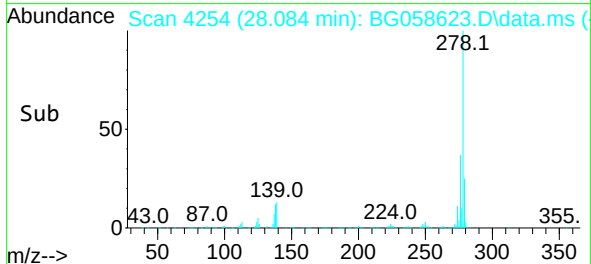
Instrument :
BNA_G
ClientSampleId :
PB154530BSD



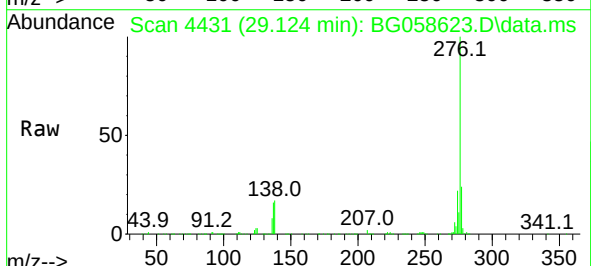
Tgt Ion:278 Resp: 108885
Ion Ratio Lower Upper
278 100
139 13.0 10.4 15.6
279 24.9 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 47.818 ng
RT: 29.124 min Scan# 4431
Delta R.T. 0.014 min
Lab File: BG058623.D
Acq: 7 Aug 2023 12:11



Tgt Ion:276 Resp: 1069009
Ion Ratio Lower Upper
276 100
277 24.2 18.9 28.3
138 17.5 13.0 19.4

