

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058742.D
 Acq On : 16 Aug 2023 10:38
 Operator : MA/JU
 Sample : PB154844BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154844BS

Quant Time: Aug 16 11:12:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	31606	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	137469	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	102277	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	262382	20.000	ng	0.00
76) Chrysene-d12	21.449	240	216172	20.000	ng	0.00
86) Perylene-d12	24.522	264	270339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	267852	129.533	ng	0.00
7) Phenol-d6	6.984	99	363516	126.337	ng	0.00
23) Nitrobenzene-d5	8.975	82	226611	80.981	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	196848	117.424	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	532255	77.988	ng	0.00
79) Terphenyl-d14	19.827	244	998964	86.902	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	31829	31.765	ng	# 90
3) Pyridine	3.658	79	79354	29.048	ng	# 83
4) n-Nitrosodimethylamine	3.576	42	54386	46.986	ng	80
6) Aniline	7.136	93	100651	28.412	ng	96
8) 2-Chlorophenol	7.377	128	100777	49.678	ng	99
9) Benzaldehyde	6.948	77	38080	24.359	ng	98
10) Phenol	7.013	94	134647	47.905	ng	93
11) bis(2-Chloroethyl)ether	7.236	93	91992	41.515	ng	93
12) 1,3-Dichlorobenzene	7.694	146	96788	44.682	ng	97
13) 1,4-Dichlorobenzene	7.847	146	99740	45.857	ng	98
14) 1,2-Dichlorobenzene	8.164	146	94336	45.365	ng	97
15) Benzyl Alcohol	8.053	79	99914	54.755	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.341	45	198039	55.019	ng	95
17) 2-Methylphenol	8.258	107	96031	46.727	ng	97
18) Hexachloroethane	8.887	117	36007	45.546	ng	94
19) n-Nitroso-di-n-propyla...	8.617	70	80278	43.194	ng	93
20) 3+4-Methylphenols	8.588	107	128036	46.058	ng	98
22) Acetophenone	8.635	105	156588	42.541	ng	93
24) Nitrobenzene	9.016	77	119575	42.032	ng	98
25) Isophorone	9.533	82	236695	40.937	ng	99
26) 2-Nitrophenol	9.727	139	53937	43.555	ng	97
27) 2,4-Dimethylphenol	9.792	122	90462	44.039	ng	96
28) bis(2-Chloroethoxy)met...	10.021	93	130854	41.587	ng	100
29) 2,4-Dichlorophenol	10.268	162	99744	46.767	ng	98
30) 1,2,4-Trichlorobenzene	10.479	180	108097	43.949	ng	98
31) Naphthalene	10.662	128	302154	41.703	ng	98
32) Benzoic acid	9.962	122	57180	37.560	ng	93
33) 4-Chloroaniline	10.779	127	63829	20.851	ng	98
34) Hexachlorobutadiene	10.944	225	68965	43.539	ng	97
35) Caprolactam	11.560	113	35635m	45.246	ng	
36) 4-Chloro-3-methylphenol	11.913	107	123216	46.703	ng	96
37) 2-Methylnaphthalene	12.277	142	213040	41.106	ng	98
38) 1-Methylnaphthalene	12.501	142	205778	41.769	ng	98
40) 1,2,4,5-Tetrachloroben...	12.647	216	126597	40.317	ng	99
41) Hexachlorocyclopentadiene	12.624	237	110119	75.887	ng	99
43) 2,4,6-Trichlorophenol	12.894	196	92527	42.842	ng	93

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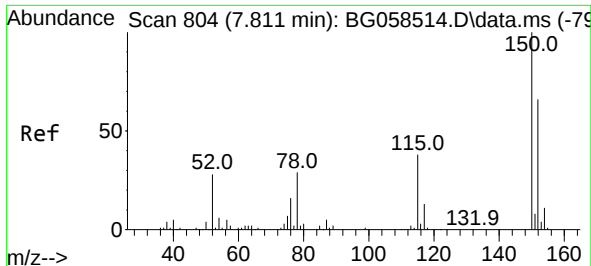
Manual Integrations
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	103275	40.598	ng	96
46) 1,1'-Biphenyl	13.288	154	286205	40.747	ng	99
47) 2-Chloronaphthalene	13.335	162	233564	42.648	ng	99
48) 2-Nitroaniline	13.546	65	93873	44.908	ng	99
49) Acenaphthylene	14.181	152	391719	42.722	ng	100
50) Dimethylphthalate	13.917	163	328849	42.812	ng	99
51) 2,6-Dinitrotoluene	14.040	165	73489	43.603	ng	94
52) Acenaphthene	14.522	154	219932	41.512	ng	98
53) 3-Nitroaniline	14.375	138	44921	26.640	ng	94
54) 2,4-Dinitrophenol	14.592	184	82553	86.245	ng	95
55) Dibenzofuran	14.863	168	382566	42.023	ng	97
56) 4-Nitrophenol	14.698	139	108991	86.928	ng	88
57) 2,4-Dinitrotoluene	14.839	165	107352	45.944	ng	95
58) Fluorene	15.509	166	312963	43.274	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	98231	45.253	ng	99
60) Diethylphthalate	15.280	149	348295	44.509	ng	99
61) 4-Chlorophenyl-phenyle...	15.497	204	171170	42.453	ng	95
62) 4-Nitroaniline	15.544	138	74037	46.349	ng	93
63) Azobenzene	15.797	77	324679	42.124	ng	97
65) 4,6-Dinitro-2-methylph...	15.603	198	63450	43.857	ng	95
66) n-Nitrosodiphenylamine	15.720	169	279709	40.959	ng	99
67) 4-Bromophenyl-phenylether	16.396	248	118523	39.827	ng	97
68) Hexachlorobenzene	16.514	284	133515	42.339	ng	96
69) Atrazine	16.666	200	116954	50.732	ng	97
70) Pentachlorophenol	16.866	266	127543	66.820	ng	94
71) Phenanthrene	17.248	178	523613	42.080	ng	99
72) Anthracene	17.342	178	529311	41.457	ng	99
73) Carbazole	17.612	167	490467	43.562	ng	99
74) Di-n-butylphthalate	18.165	149	614256	43.557	ng	99
75) Fluoranthene	19.263	202	633739	42.399	ng	97
77) Benzidine	19.451	184	220655	67.313	ng	98
78) Pyrene	19.628	202	644476	43.807	ng	99
80) Butylbenzylphthalate	20.515	149	272251	45.052	ng	95
81) Benzo(a)anthracene	21.431	228	644677	43.334	ng	100
82) 3,3'-Dichlorobenzidine	21.349	252	176191	35.028	ng	100
83) Chrysene	21.496	228	607805	42.612	ng	99
84) Bis(2-ethylhexyl)phtha...	21.331	149	394780	44.705	ng	100
85) Di-n-octyl phthalate	22.483	149	693215	44.650	ng	97
87) Indeno(1,2,3-cd)pyrene	28.024	276	816176	45.381	ng	98
88) Benzo(b)fluoranthene	23.546	252	698180	47.616	ng	99
89) Benzo(k)fluoranthene	23.611	252	649316	44.081	ng	99
90) Benzo(a)pyrene	24.381	252	616536	42.816	ng	98
91) Dibenzo(a,h)anthracene	28.082	278	670853	45.112	ng	98
92) Benzo(g,h,i)perylene	29.116	276	653858	43.848	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

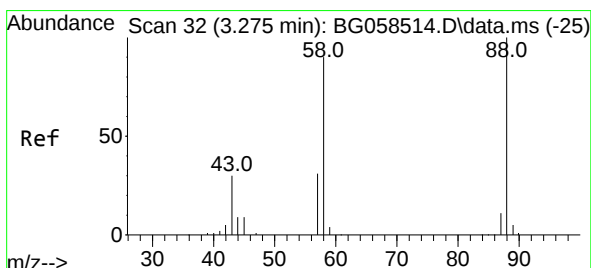
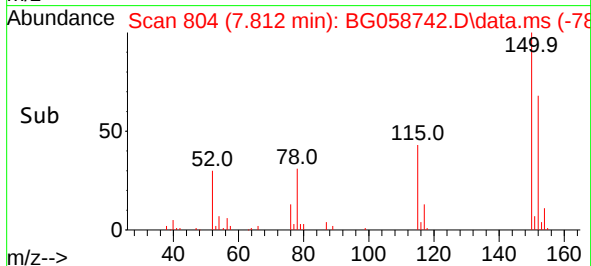
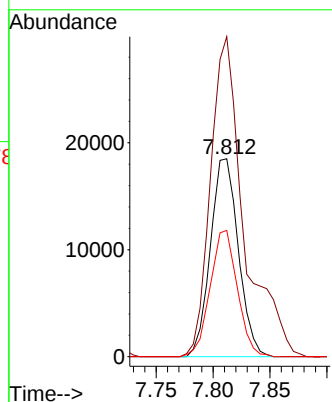
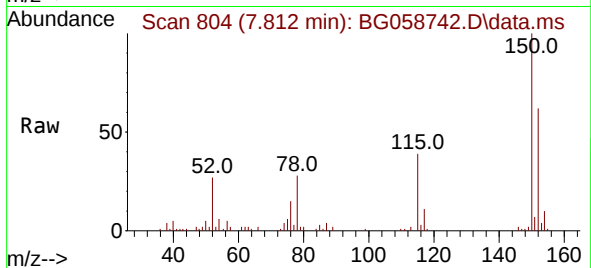
PB154844BS

Tgt Ion:152 Resp: 31600
Ion Ratio Lower Upper
152 100
150 161.7 120.5 180.7
115 63.8 45.9 68.9

Manual Integrations

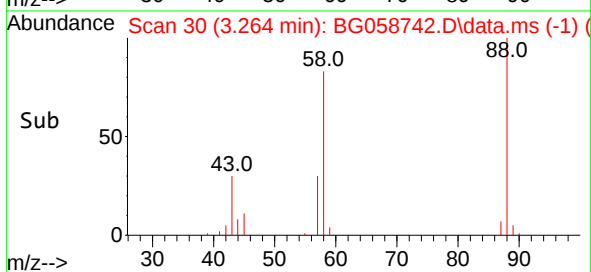
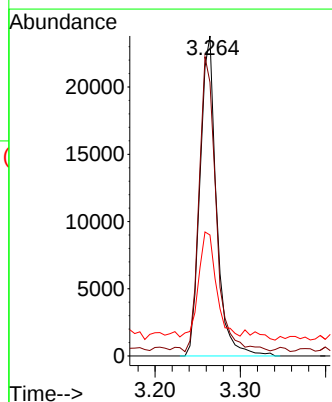
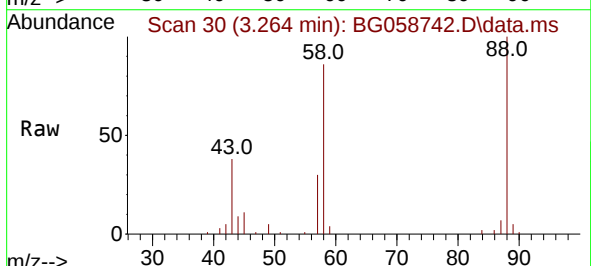
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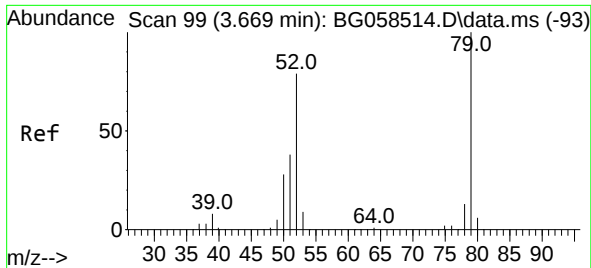
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#2
1,4-Dioxane
Concen: 31.765 ng
RT: 3.264 min Scan# 30
Delta R.T. -0.011 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Tgt Ion: 88 Resp: 31829
Ion Ratio Lower Upper
88 100
58 93.9 68.9 103.3
43 37.4 22.9 34.3#





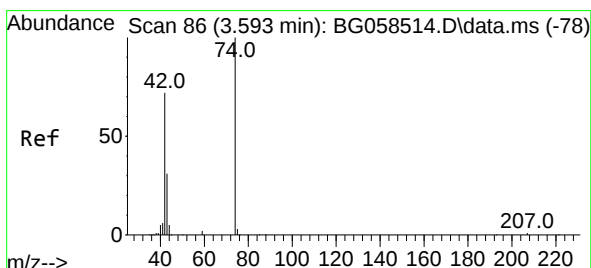
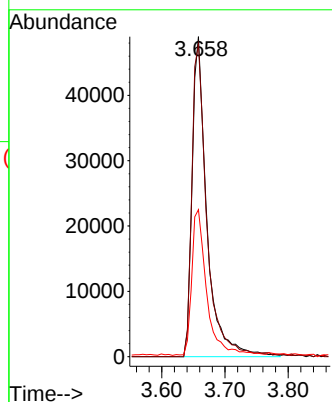
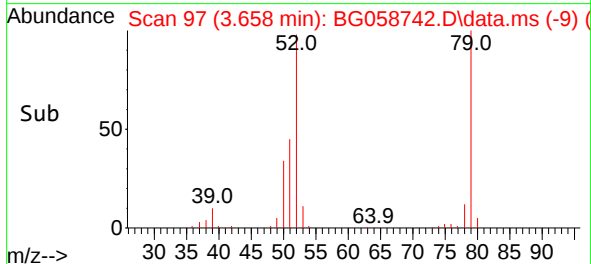
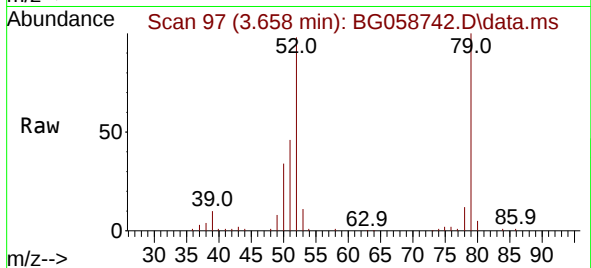
#3
Pyridine
Concen: 29.048 ng
RT: 3.658 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :
BNA_G
ClientSampleId :
PB154844BS

Tgt Ion: 79 Resp: 79354
Ion Ratio Lower Upper
79 100
52 97.6 63.2 94.8
51 45.9 31.9 47.9

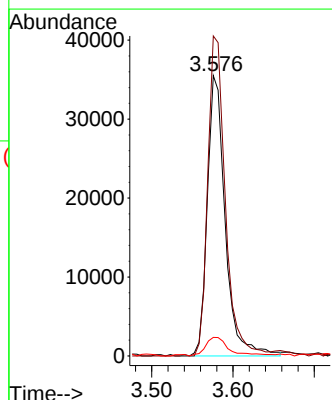
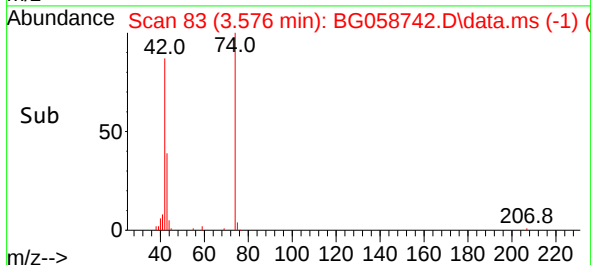
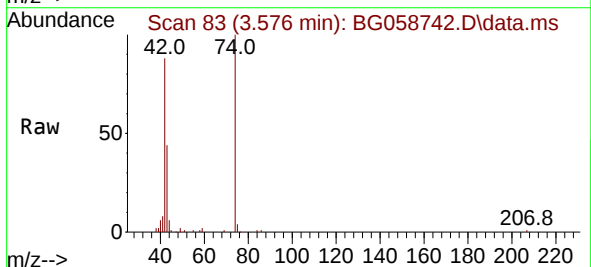
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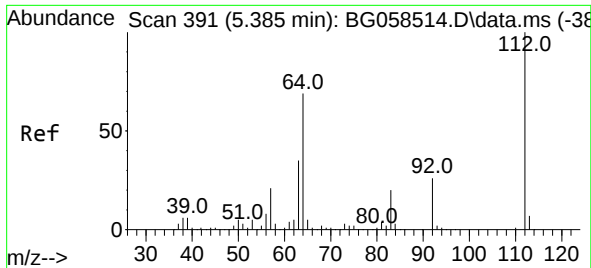
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#4
n-Nitrosodimethylamine
Concen: 46.986 ng
RT: 3.576 min Scan# 83
Delta R.T. -0.017 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Tgt Ion: 42 Resp: 54386
Ion Ratio Lower Upper
42 100
74 114.1 111.5 167.3
44 6.6 5.4 8.2





#5
2-Fluorophenol
Concen: 129.533 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

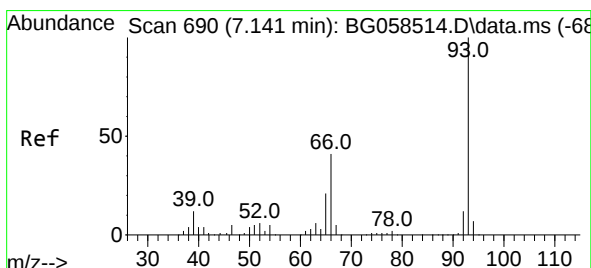
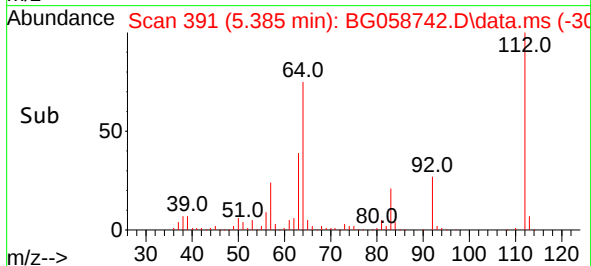
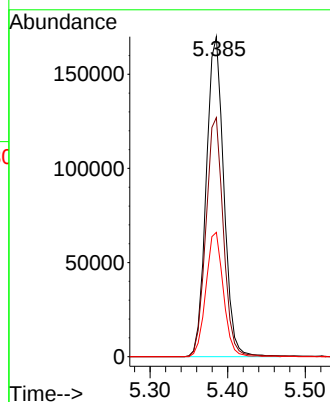
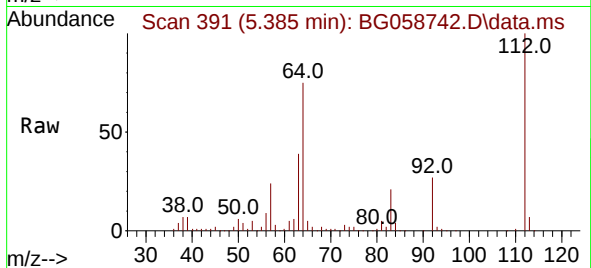
PB154844BS

Tgt Ion:112 Resp: 26785
Ion Ratio Lower Upper
112 100
64 74.7 55.3 82.9
63 38.8 28.3 42.5

Manual Integrations

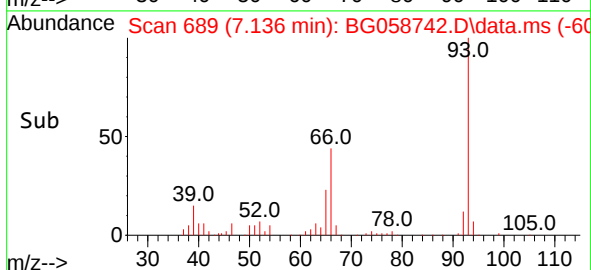
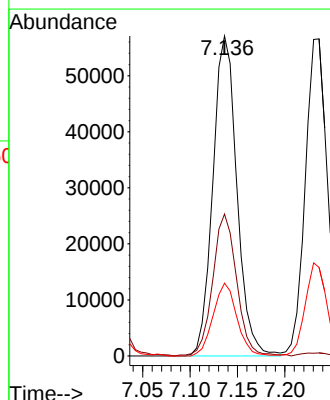
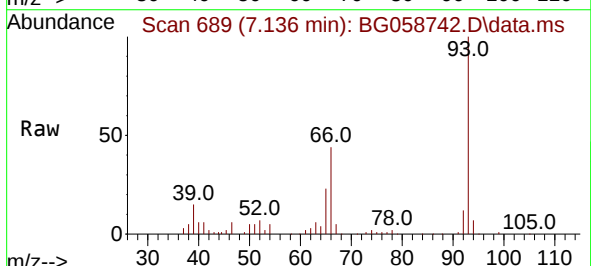
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#6
Aniline
Concen: 28.412 ng
RT: 7.136 min Scan# 689
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Tgt Ion: 93 Resp: 100651
Ion Ratio Lower Upper
93 100
66 44.4 33.1 49.7
65 22.8 17.0 25.4





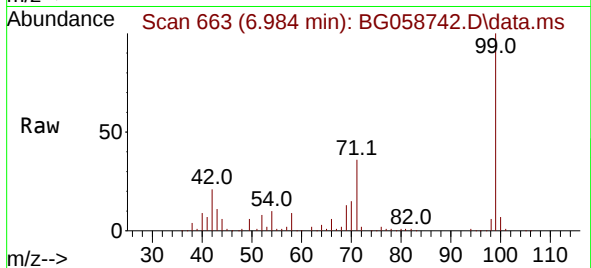
#7
Phenol-d6
Concen: 126.337 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

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BNA_G

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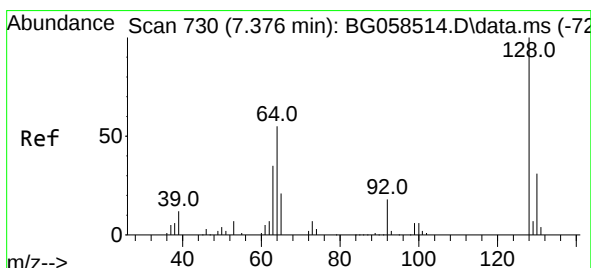
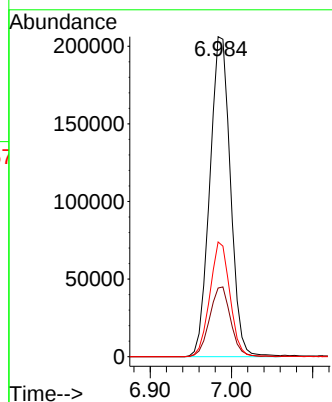
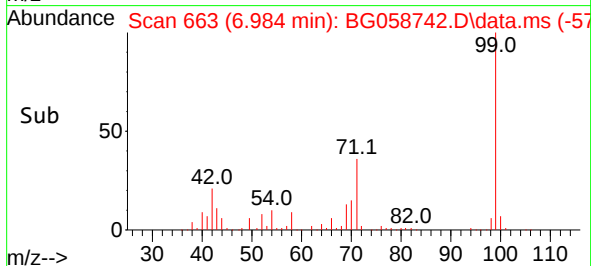


Tgt Ion: 99 Resp: 363510
Ion Ratio Lower Upper
99 100
42 21.4 14.6 21.8
71 35.9 25.0 37.4

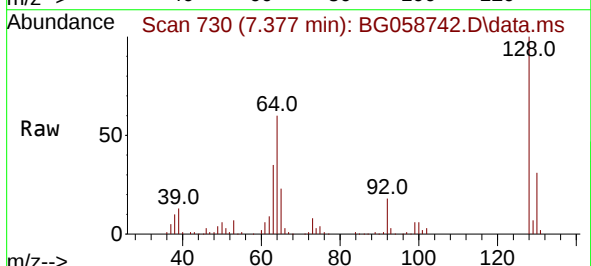
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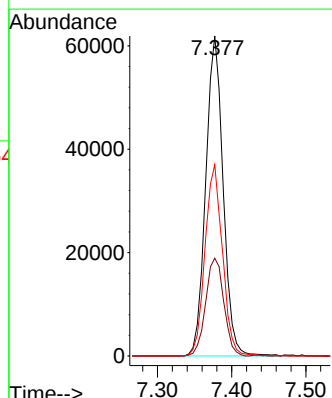
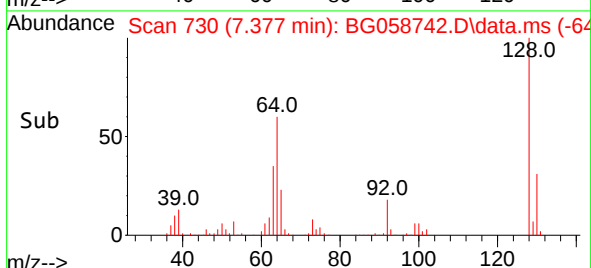
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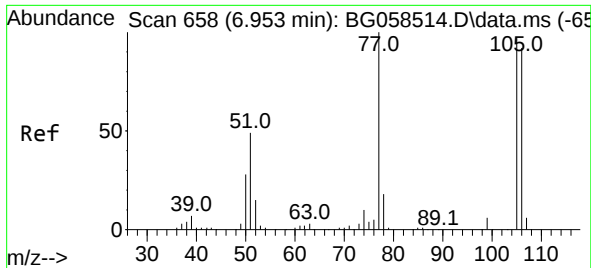


#8
2-Chlorophenol
Concen: 49.678 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38



Tgt Ion:128 Resp: 100777
Ion Ratio Lower Upper
128 100
130 30.5 10.9 50.9
64 59.8 39.0 79.0





#9
Benzaldehyde
Concen: 24.359 ng
RT: 6.948 min Scan# 657
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

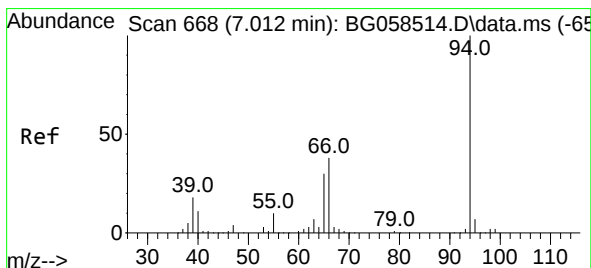
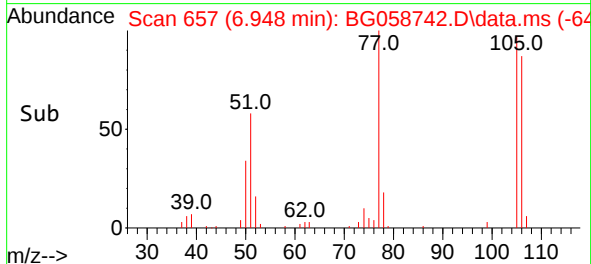
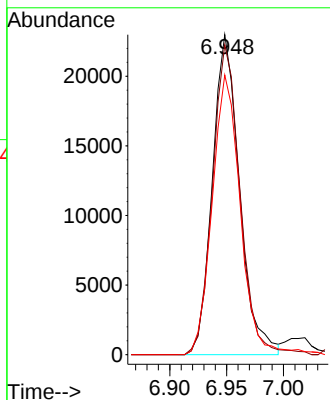
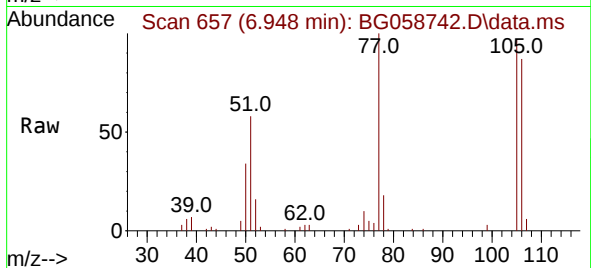
ClientSampleId :

PB154844BS

Tgt Ion: 77 Resp: 3808
Ion Ratio Lower Upper
77 100
105 96.8 77.1 117.1
106 87.4 71.6 111.6

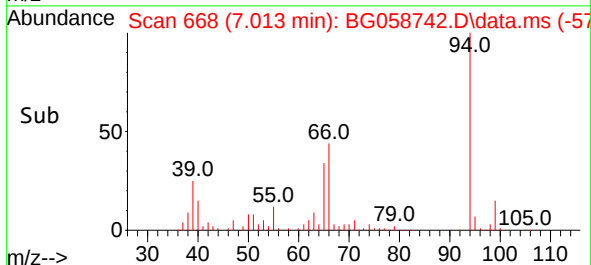
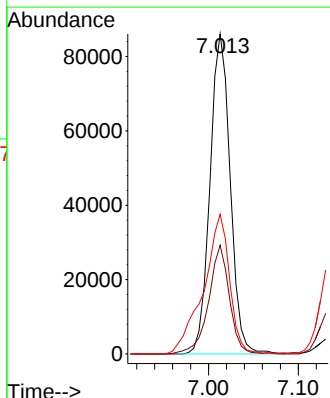
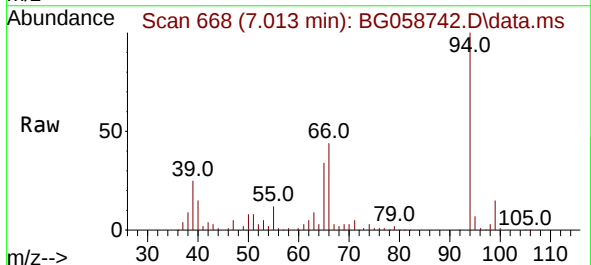
Manual Integrations
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#10
Phenol
Concen: 47.905 ng
RT: 7.013 min Scan# 668
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Tgt Ion: 94 Resp: 134647
Ion Ratio Lower Upper
94 100
65 34.0 10.4 50.4
66 43.7 18.7 58.7





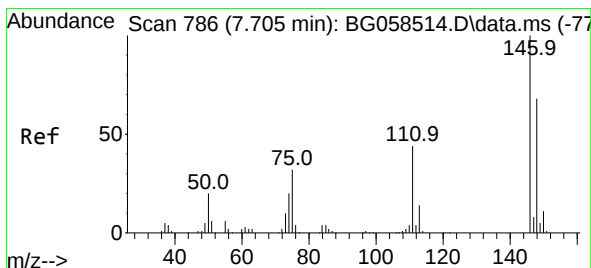
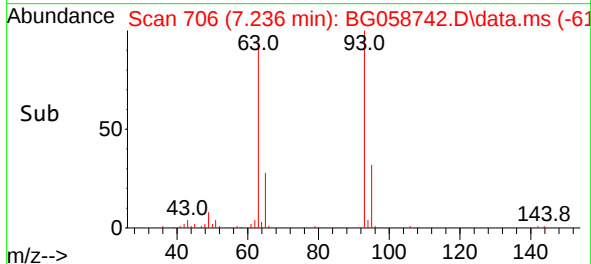
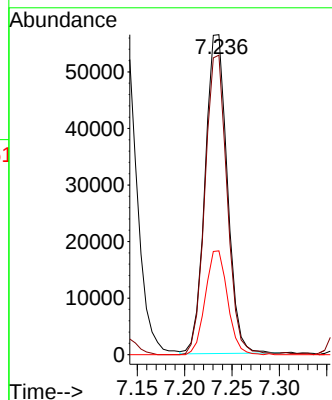
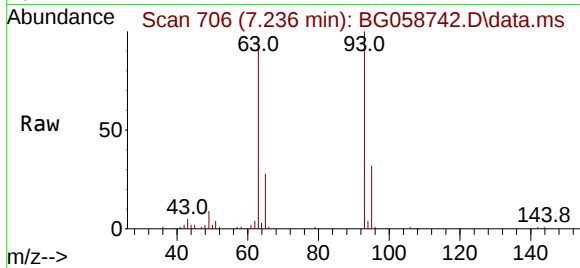
#11
bis(2-Chloroethyl)ether
Concen: 41.515 ng
RT: 7.236 min Scan# 706
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :
BNA_G
ClientSampleId :
PB154844BS

Tgt Ion: 93 Resp: 91992
Ion Ratio Lower Upper
93 100
63 93.6 65.5 105.5
95 32.4 11.2 51.2

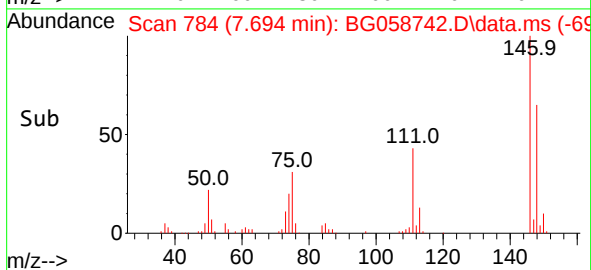
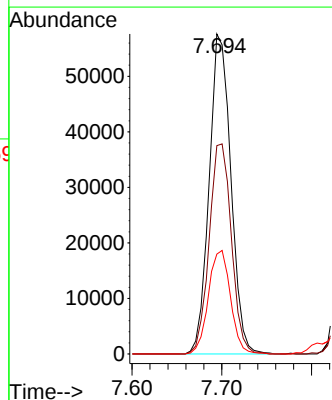
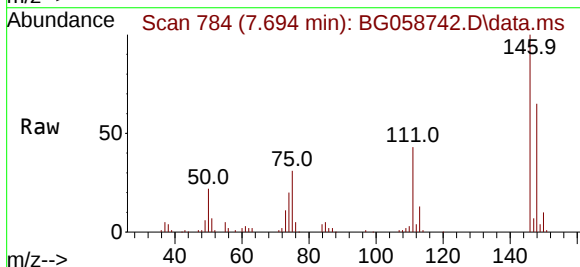
Manual Integrations
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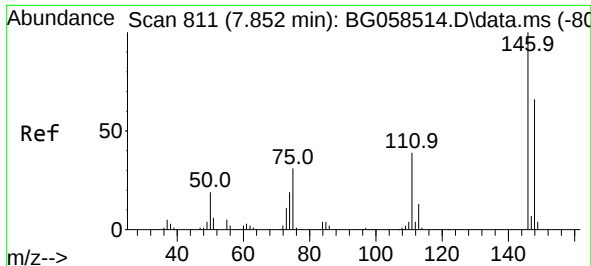
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#12
1,3-Dichlorobenzene
Concen: 44.682 ng
RT: 7.694 min Scan# 784
Delta R.T. -0.011 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Tgt Ion:146 Resp: 96788
Ion Ratio Lower Upper
146 100
148 65.1 54.7 82.1
75 31.2 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 45.857 ng

RT: 7.847 min Scan# 811

Delta R.T. -0.005 min

Lab File: BG058742.D

Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

PB154844BS

Tgt Ion:146 Resp: 99740

Ion Ratio Lower Upper

146 100

148 63.5 52.8 79.2

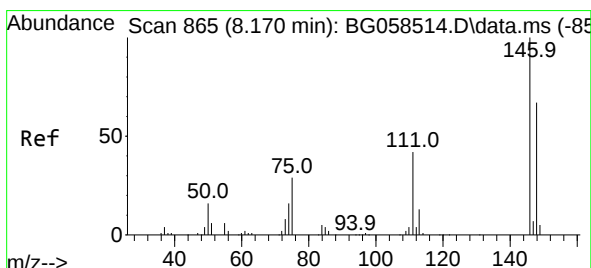
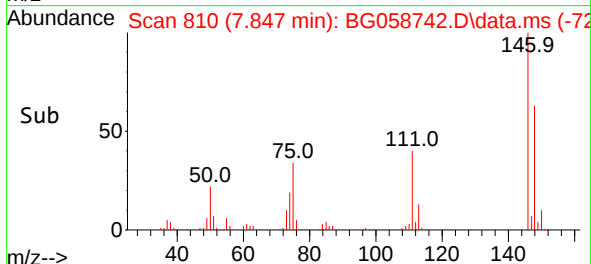
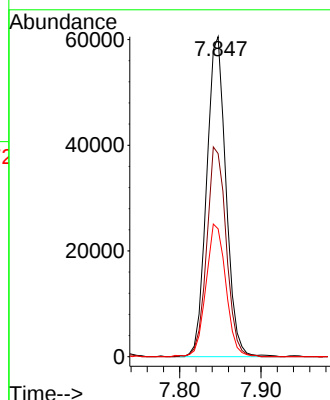
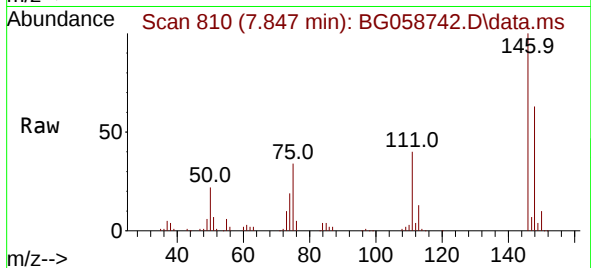
111 40.0 31.7 47.5

Manual Integrations

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Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#14

1,2-Dichlorobenzene

Concen: 45.365 ng

RT: 8.164 min Scan# 864

Delta R.T. -0.005 min

Lab File: BG058742.D

Acq: 16 Aug 2023 10:38

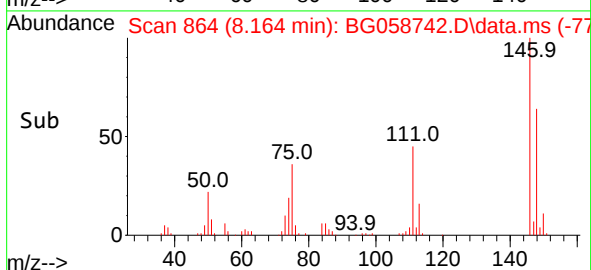
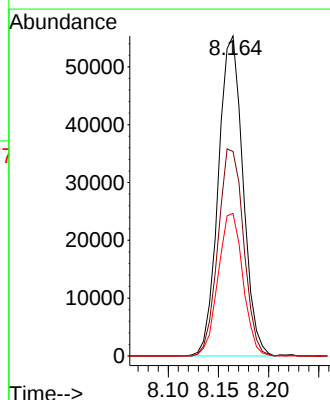
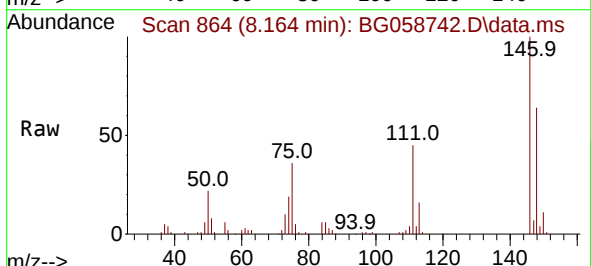
Tgt Ion:146 Resp: 94336

Ion Ratio Lower Upper

146 100

148 63.9 53.4 80.2

111 44.6 34.2 51.2





#15
Benzyl Alcohol
Concen: 54.755 ng
RT: 8.053 min Scan# 846
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

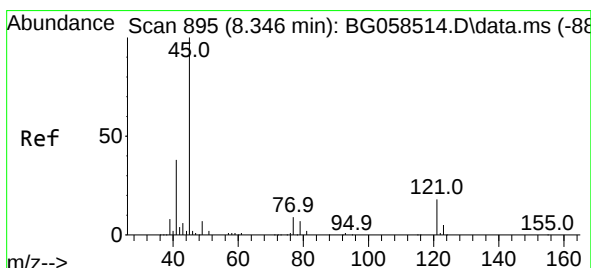
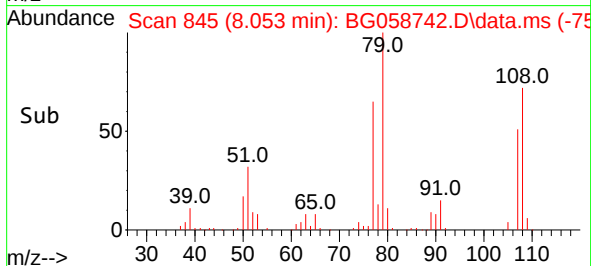
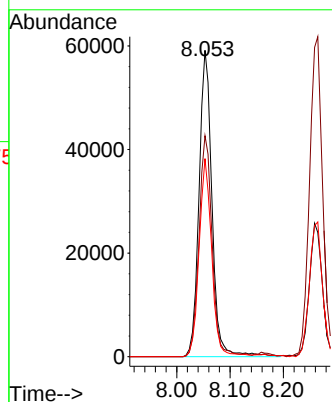
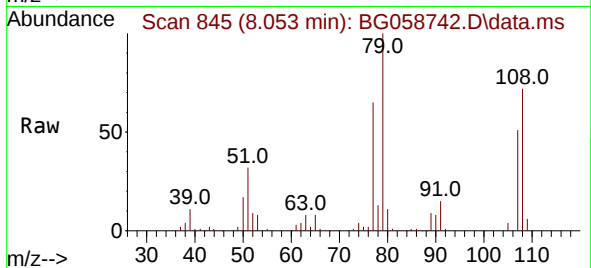
ClientSampleId :

PB154844BS

Tgt Ion: 79 Resp: 99914
Ion Ratio Lower Upper
79 100
108 72.1 63.8 95.6
77 64.6 49.8 74.6

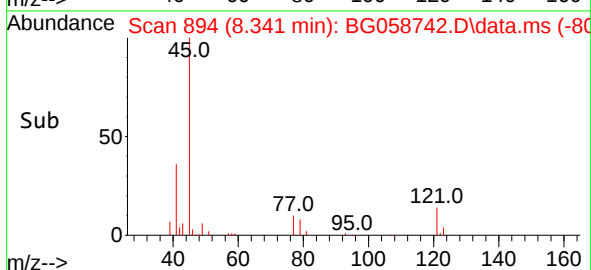
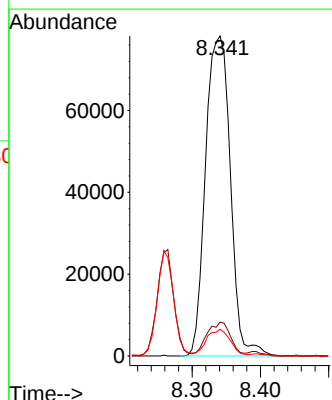
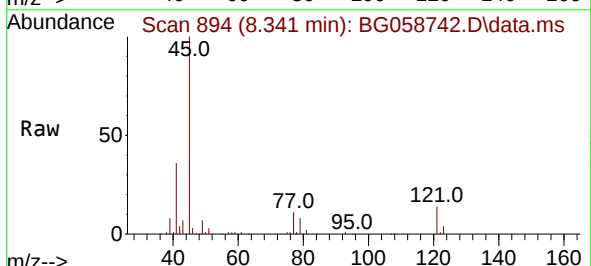
Manual Integrations
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Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.019 ng
RT: 8.341 min Scan# 894
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Tgt Ion: 45 Resp: 198039
Ion Ratio Lower Upper
45 100
77 10.6 0.0 32.6
79 8.3 0.0 30.2





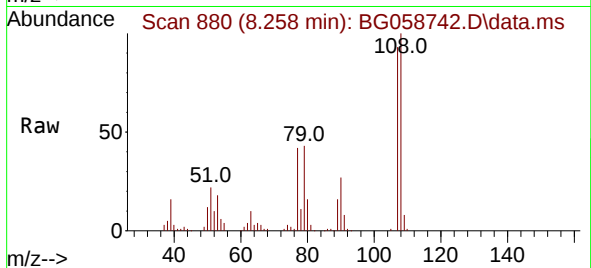
#17
2-Methylphenol
Concen: 46.727 ng
RT: 8.258 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

PB154844BS



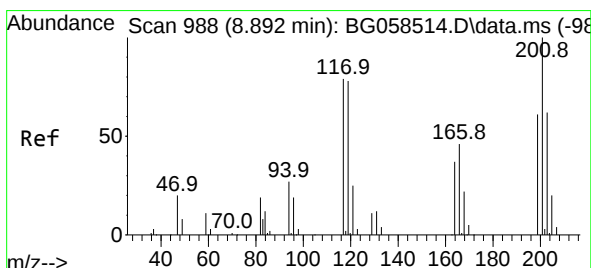
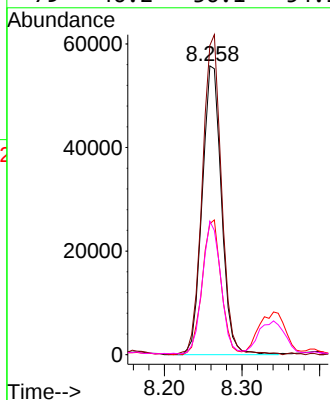
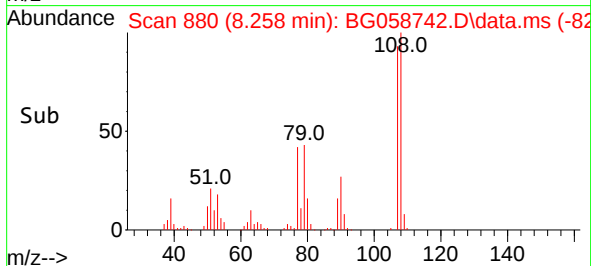
Tgt Ion:107 Resp: 9603
Ion Ratio Lower Upper
107 100
108 107.1 89.1 133.7
77 45.4 36.2 54.4
79 46.2 36.1 54.1

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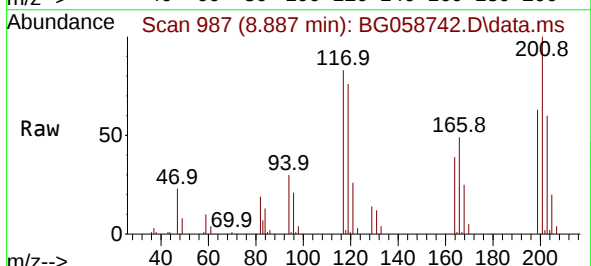
APPROVED

Reviewed By :Yogesh Patel 08/17/2023

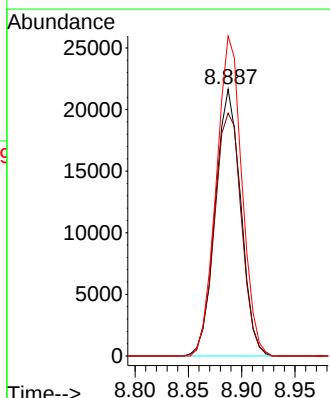
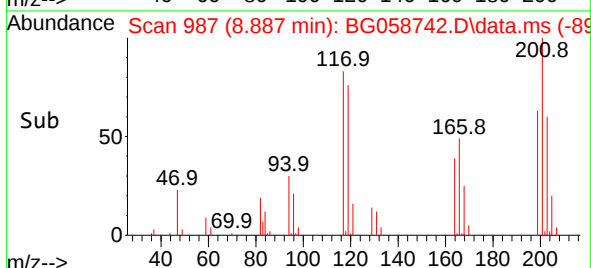
Supervised By :mohammad ahmed 08/17/2023



#18
Hexachloroethane
Concen: 45.546 ng
RT: 8.887 min Scan# 987
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38



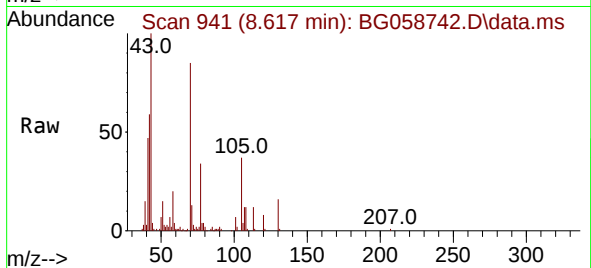
Tgt Ion:117 Resp: 36007
Ion Ratio Lower Upper
117 100
119 91.1 78.6 117.8
201 120.0 101.4 152.0





#19
n-Nitroso-di-n-propylamine
Concen: 43.194 ng
RT: 8.617 min Scan# 941
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

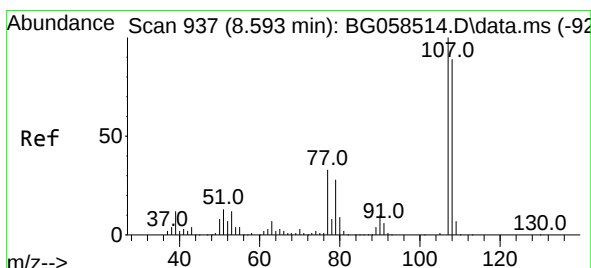
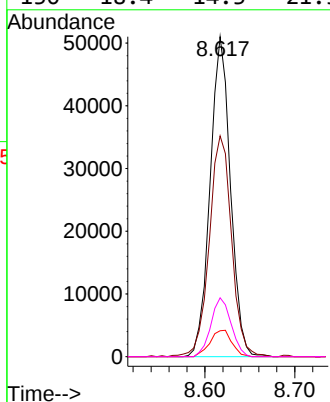
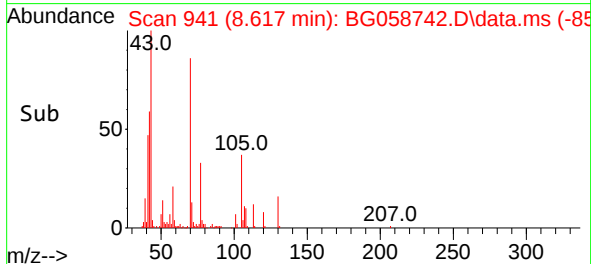
Instrument :
BNA_G
ClientSampleId :
PB154844BS



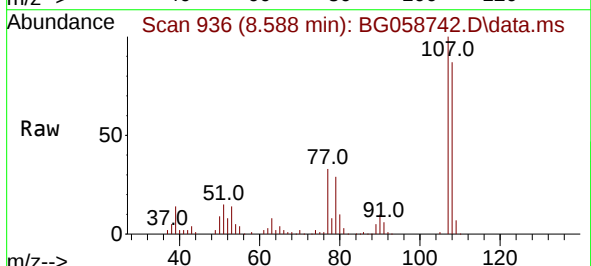
Tgt Ion: 70 Resp: 80278
Ion Ratio Lower Upper
70 100
42 69.0 49.7 74.5
101 8.1 7.0 10.4
130 18.4 14.3 21.5

Manual Integrations
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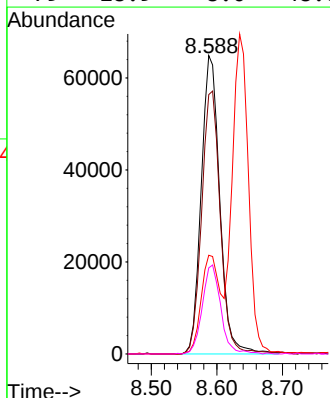
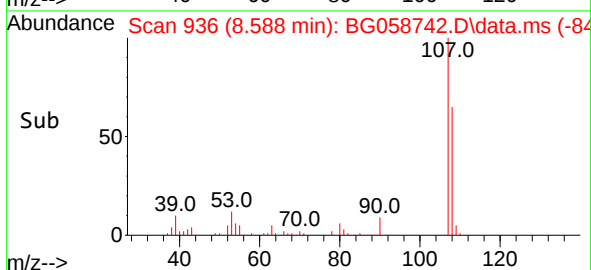
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

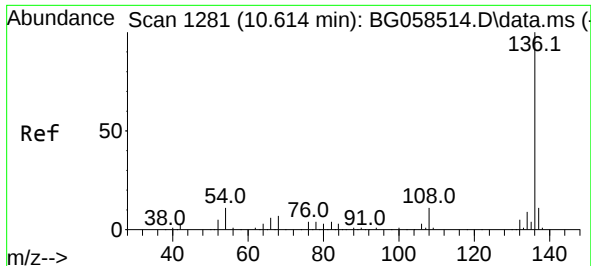


#20
3+4-Methylphenols
Concen: 46.058 ng
RT: 8.588 min Scan# 936
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38



Tgt Ion:107 Resp: 128036
Ion Ratio Lower Upper
107 100
108 86.9 69.4 109.4
77 33.1 13.0 53.0
79 28.9 8.0 48.0





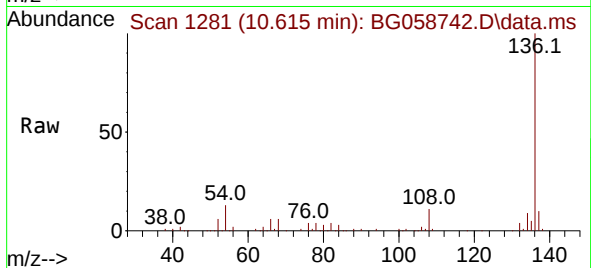
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

PB154844BS

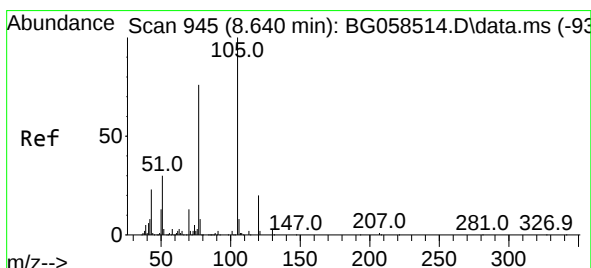
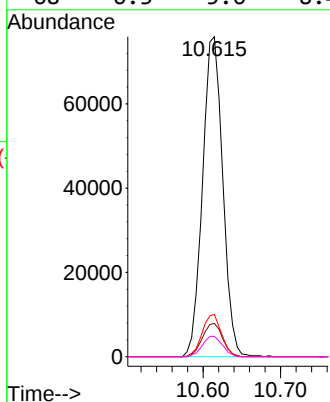
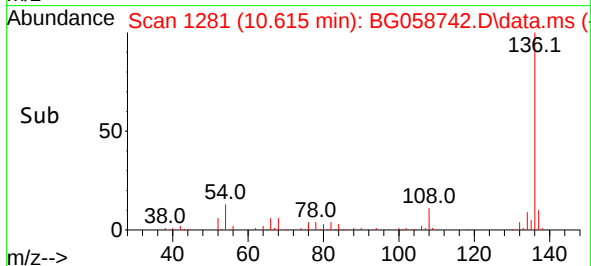


Tgt Ion:136 Resp: 137469
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 13.2 8.9 13.3
68 6.3 5.6 8.4

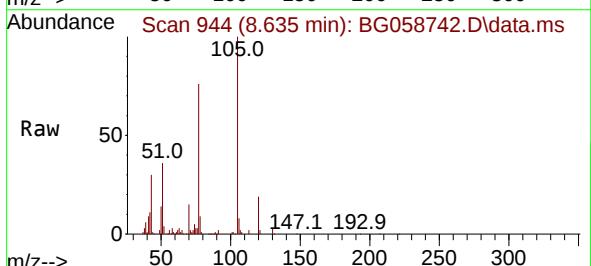
Manual Integrations

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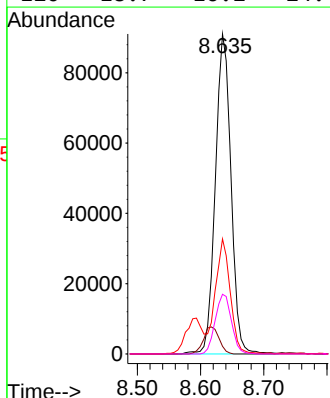
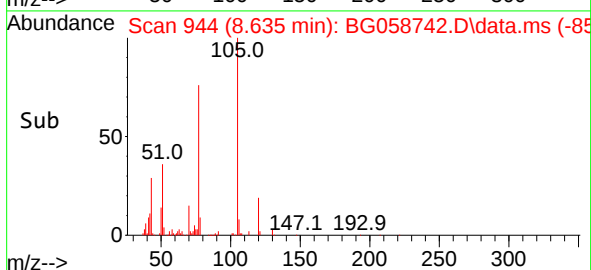
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#22
Acetophenone
Concen: 42.541 ng
RT: 8.635 min Scan# 944
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38



Tgt Ion:105 Resp: 156588
Ion Ratio Lower Upper
105 100
71 2.4 1.8 2.6
51 35.9 24.2 36.2
120 18.7 16.2 24.4





#23
Nitrobenzene-d5
Concen: 80.981 ng
RT: 8.975 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

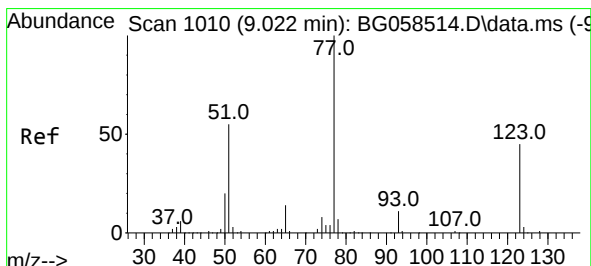
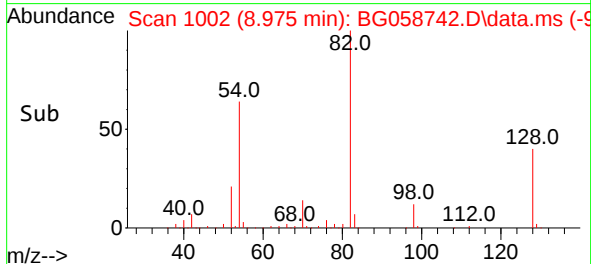
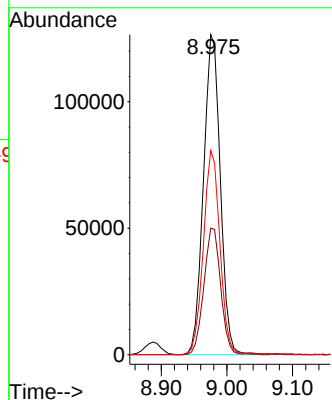
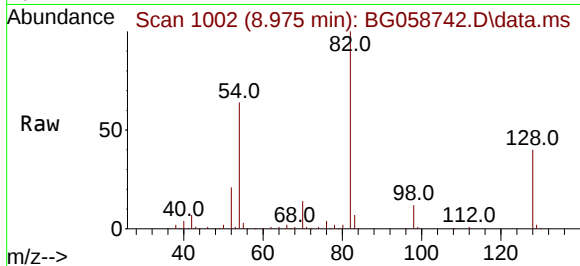
ClientSampleId :

PB154844BS

Tgt Ion: 82 Resp: 22661
Ion Ratio Lower Upper
82 100
128 39.6 32.2 48.2
54 63.8 46.0 69.0

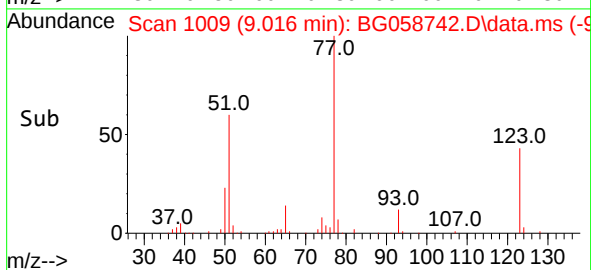
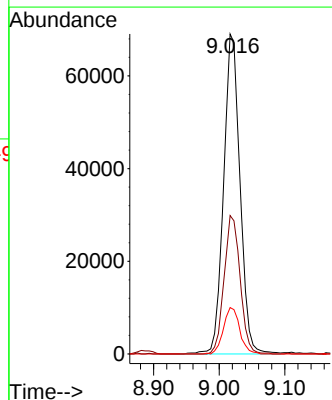
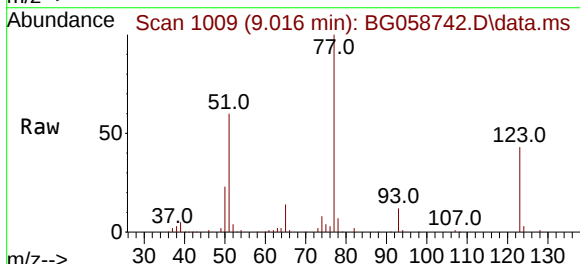
Manual Integrations
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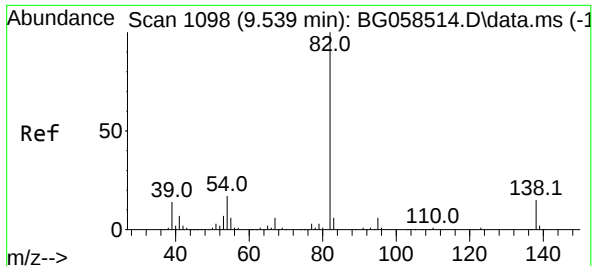
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#24
Nitrobenzene
Concen: 42.032 ng
RT: 9.016 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

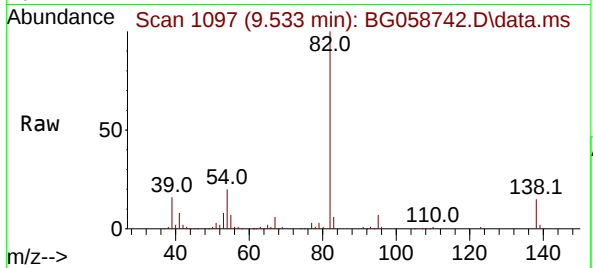
Tgt Ion: 77 Resp: 119575
Ion Ratio Lower Upper
77 100
123 43.3 35.6 53.4
65 14.5 11.4 17.0





#25
Isophorone
Concen: 40.937 ng
RT: 9.533 min Scan# 1109
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

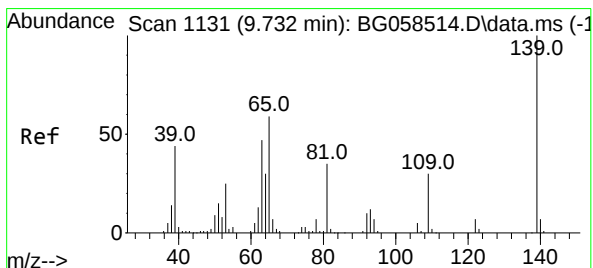
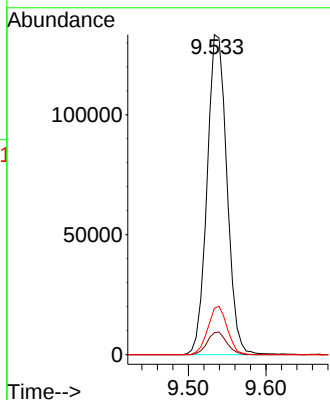
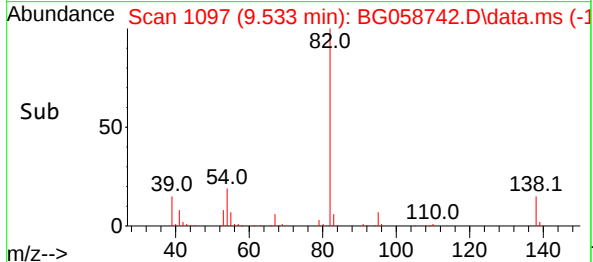
Instrument :
BNA_G
ClientSampleId :
PB154844BS



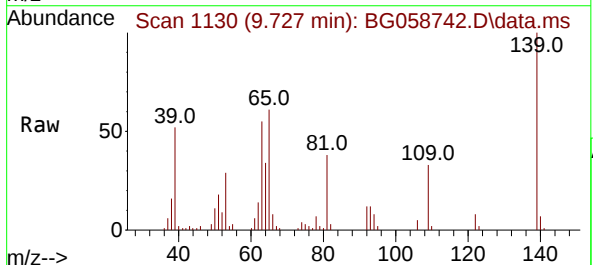
Tgt Ion: 82 Resp: 23669
Ion Ratio Lower Upper
82 100
95 6.9 5.1 7.7
138 14.5 11.9 17.9

Manual Integrations
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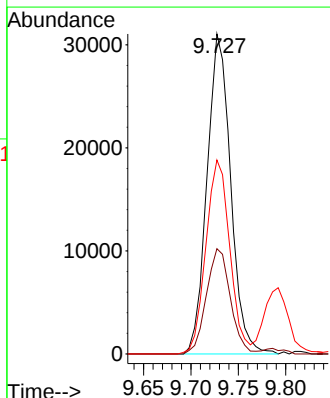
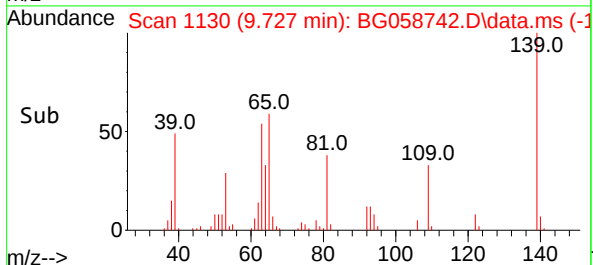
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

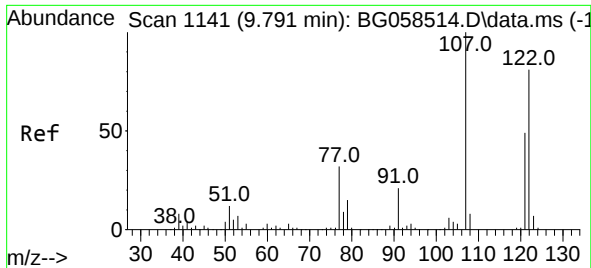


#26
2-Nitrophenol
Concen: 43.555 ng
RT: 9.727 min Scan# 1130
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38



Tgt Ion:139 Resp: 53937
Ion Ratio Lower Upper
139 100
109 32.9 24.2 36.2
65 60.6 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 44.039 ng

RT: 9.792 min Scan# 1141

Delta R.T. 0.001 min

Lab File: BG058742.D

Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

PB154844BS

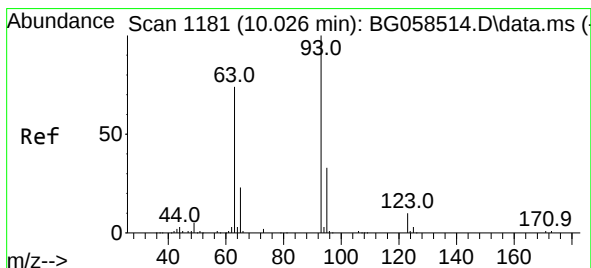
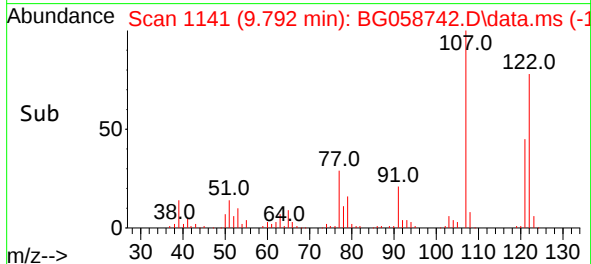
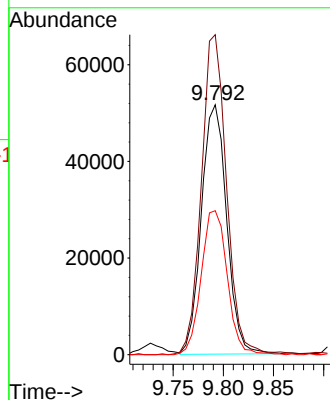
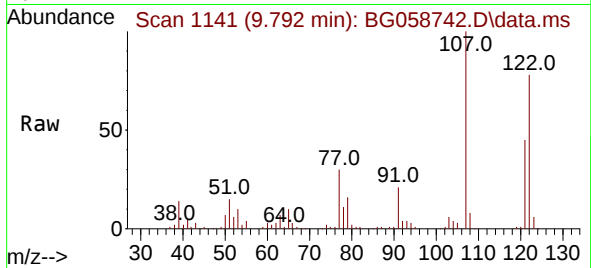
Tgt Ion:122 Resp: 90462
 Ion Ratio Lower Upper
 122 100
 107 128.0 98.0 147.0
 121 57.6 47.8 71.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.587 ng

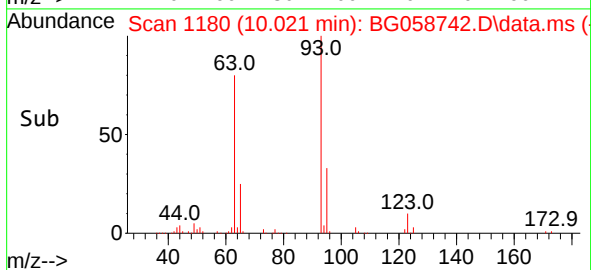
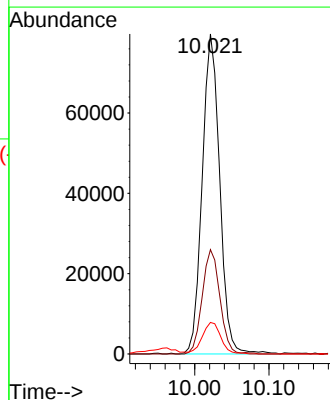
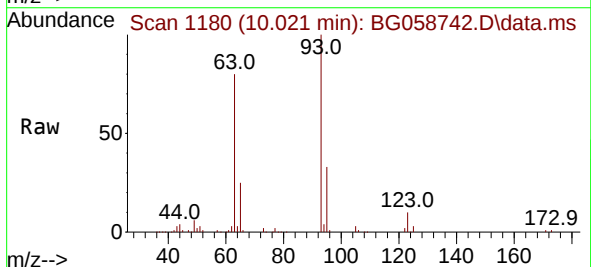
RT: 10.021 min Scan# 1180

Delta R.T. -0.005 min

Lab File: BG058742.D

Acq: 16 Aug 2023 10:38

Tgt Ion: 93 Resp: 130854
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.0 39.0
 123 9.9 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 46.767 ng

RT: 10.268 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG058742.D

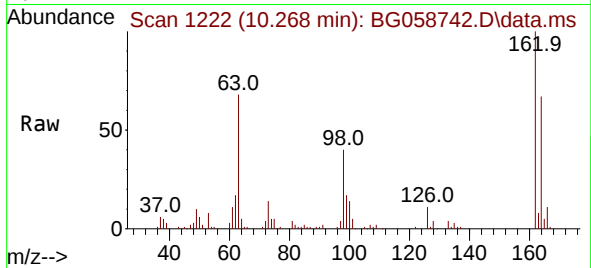
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

PB154844BS



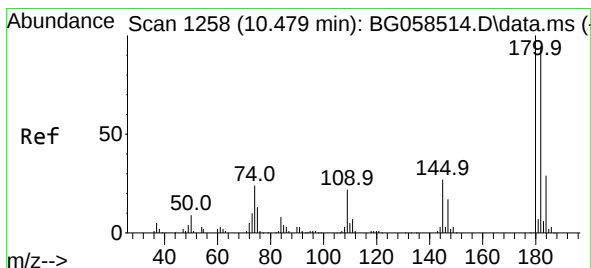
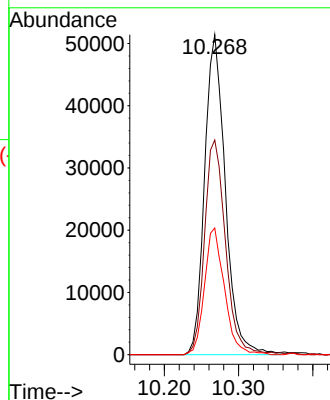
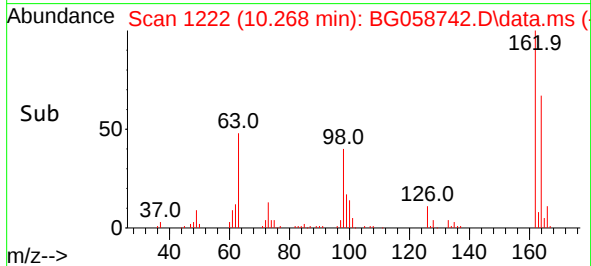
Tgt Ion:162	Resp:	99744
Ion Ratio	Lower	Upper
162	100	
164	67.1	47.6 87.6
98	39.6	17.1 57.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.949 ng

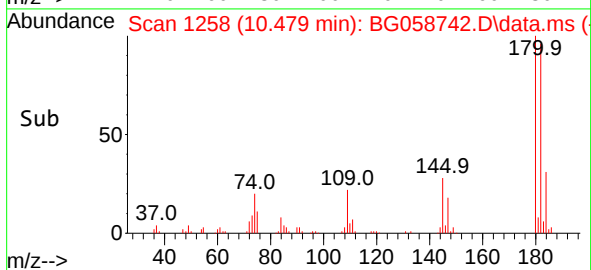
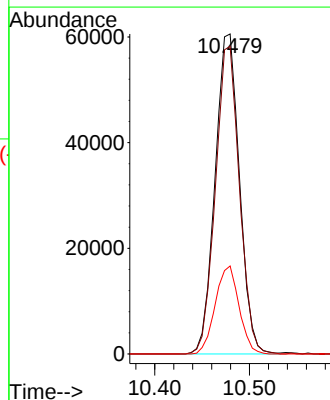
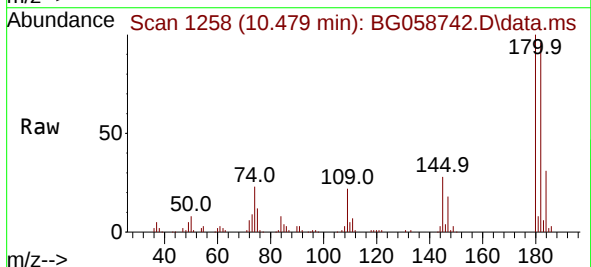
RT: 10.479 min Scan# 1258

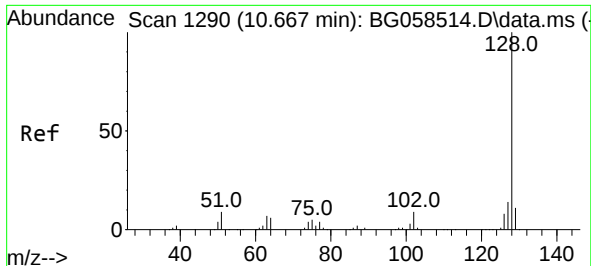
Delta R.T. 0.001 min

Lab File: BG058742.D

Acq: 16 Aug 2023 10:38

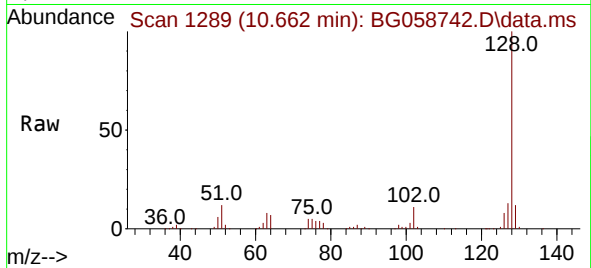
Tgt Ion:180	Resp:	108097
Ion Ratio	Lower	Upper
180	100	
182	96.1	75.0 112.4
145	27.5	21.9 32.9





#31
Naphthalene
Concen: 41.703 ng
RT: 10.662 min Scan# 1170
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

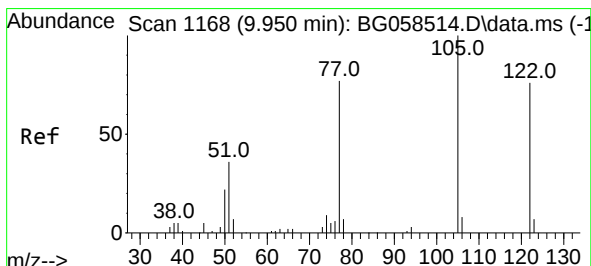
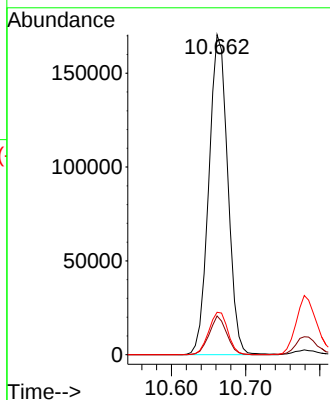
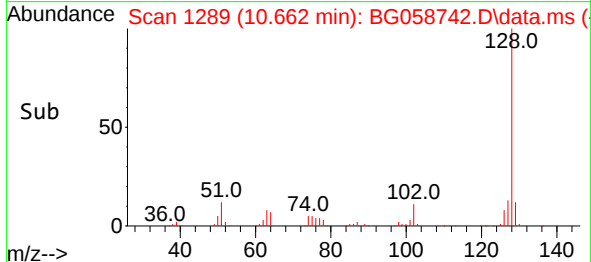
Instrument :
BNA_G
ClientSampleId :
PB154844BS



Tgt Ion:128 Resp: 302154
Ion Ratio Lower Upper
128 100
129 12.1 8.8 13.2
127 13.3 10.9 16.3

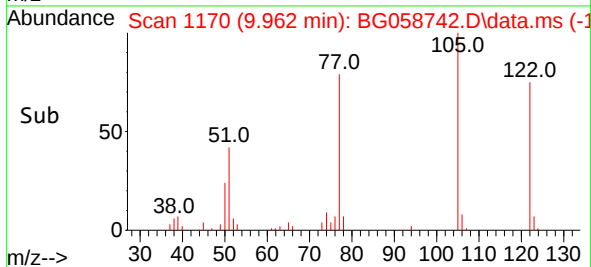
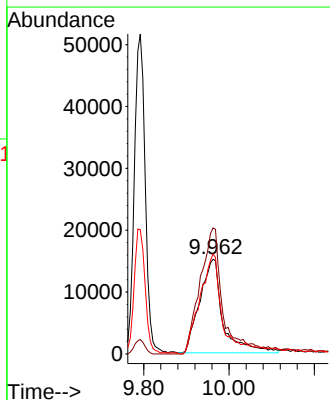
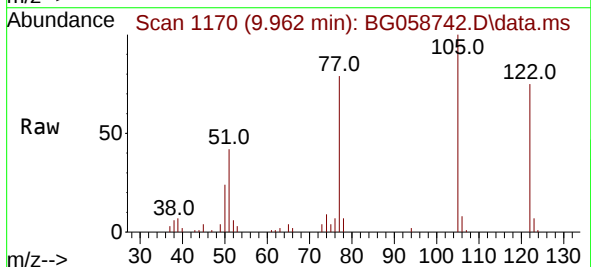
Manual Integrations
APPROVED

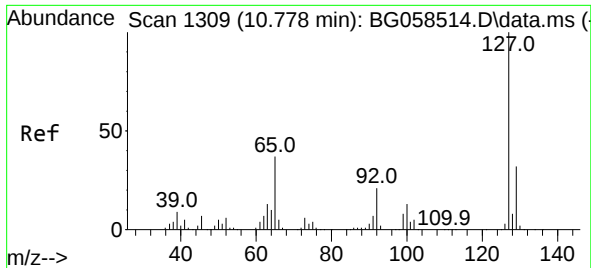
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#32
Benzoic acid
Concen: 37.560 ng
RT: 9.962 min Scan# 1170
Delta R.T. 0.012 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Tgt Ion:122 Resp: 57180
Ion Ratio Lower Upper
122 100
105 133.1 106.5 146.5
77 105.6 78.1 118.1





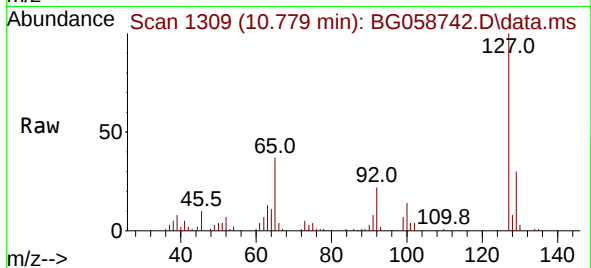
#33
4-Chloroaniline
Concen: 20.851 ng
RT: 10.779 min Scan# 1309
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

PB154844BS

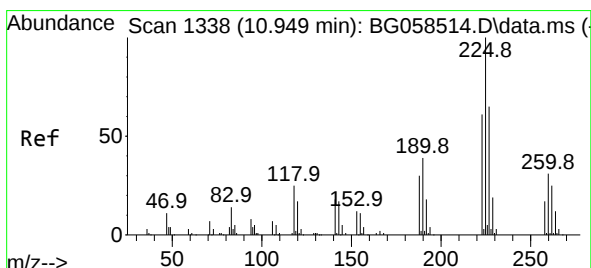
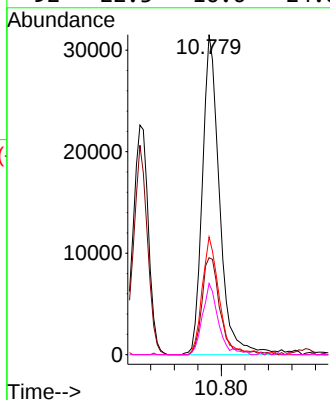
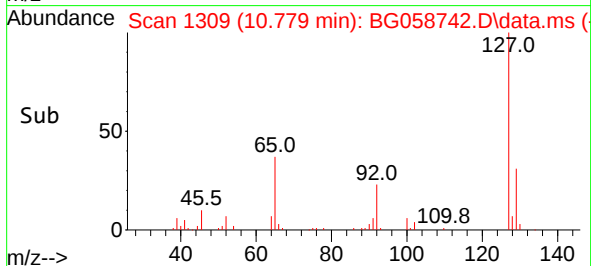


Tgt Ion:127 Resp: 63829
Ion Ratio Lower Upper
127 100
129 30.3 25.4 38.2
65 36.8 29.5 44.3
92 22.3 16.6 24.8

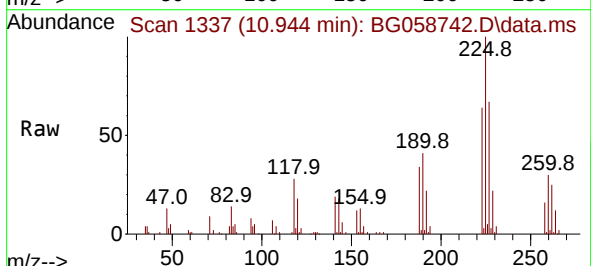
Manual Integrations

APPROVED

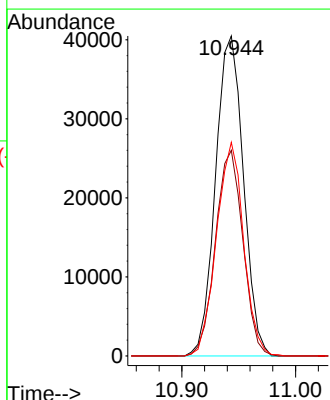
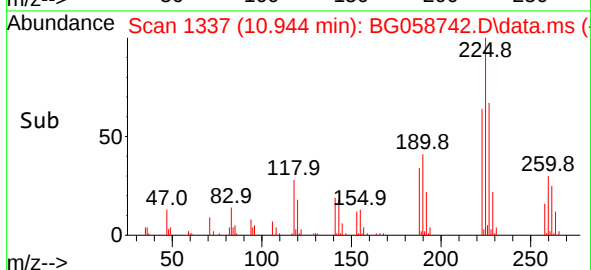
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

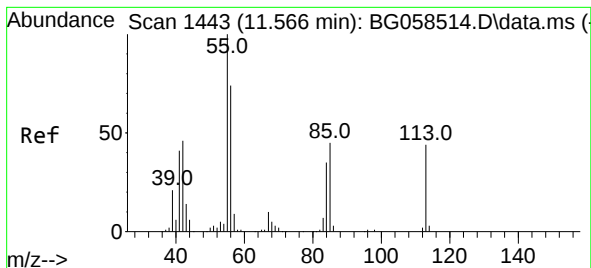


#34
Hexachlorobutadiene
Concen: 43.539 ng
RT: 10.944 min Scan# 1337
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38



Tgt Ion:225 Resp: 68965
Ion Ratio Lower Upper
225 100
223 64.2 49.0 73.6
227 66.7 51.7 77.5





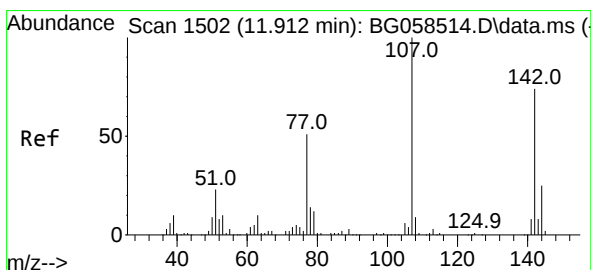
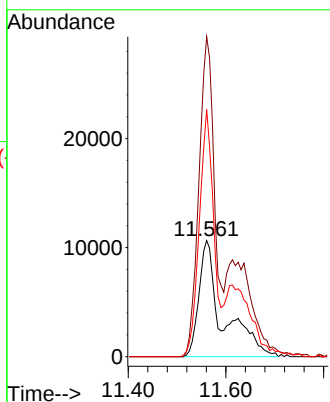
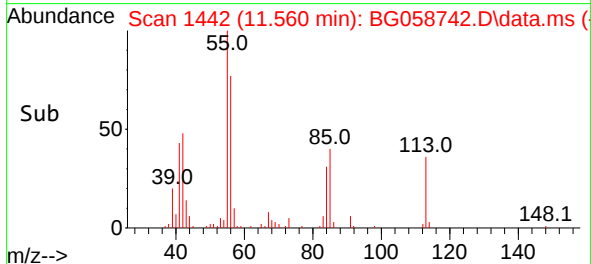
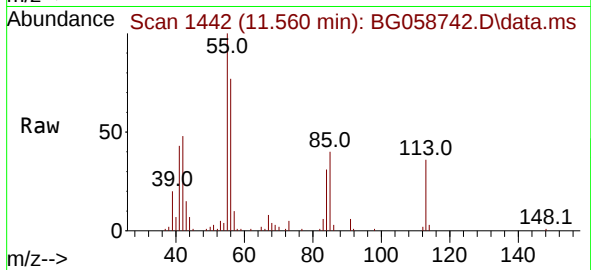
#35
Caprolactam
Concen: 45.246 ng m
RT: 11.560 min Scan# 1443
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :
BNA_G
ClientSampleId :
PB154844BS

Tgt Ion:113 Resp: 3563
Ion Ratio Lower Upper
113 100
55 275.3 208.0 248.0
56 212.7 148.6 188.6

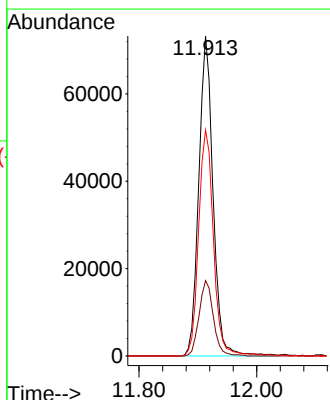
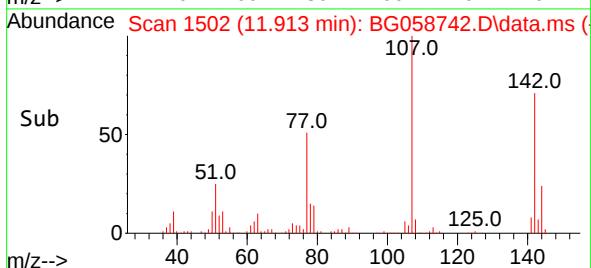
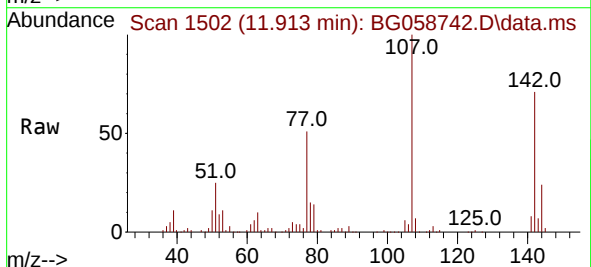
Manual Integrations
APPROVED

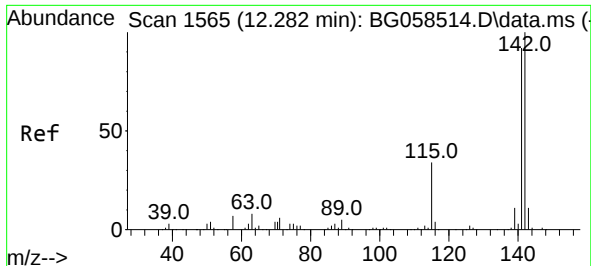
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#36
4-Chloro-3-methylphenol
Concen: 46.703 ng
RT: 11.913 min Scan# 1502
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Tgt Ion:107 Resp: 123216
Ion Ratio Lower Upper
107 100
144 23.6 19.6 29.4
142 70.6 59.3 88.9





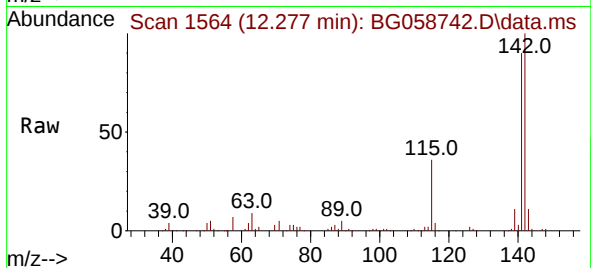
#37
2-Methylnaphthalene
Concen: 41.106 ng
RT: 12.277 min Scan# 1564
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

PB154844BS

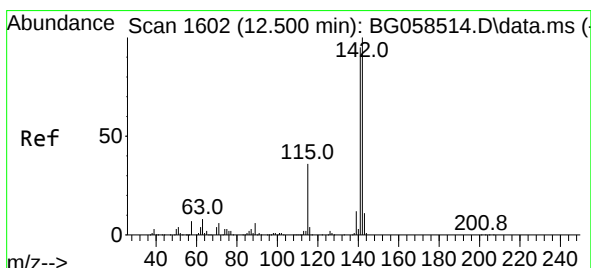
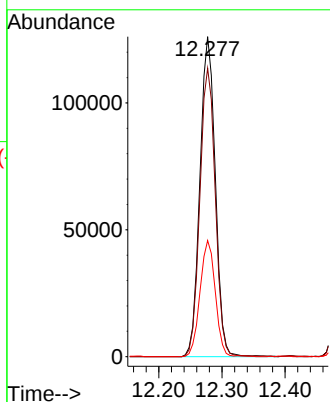
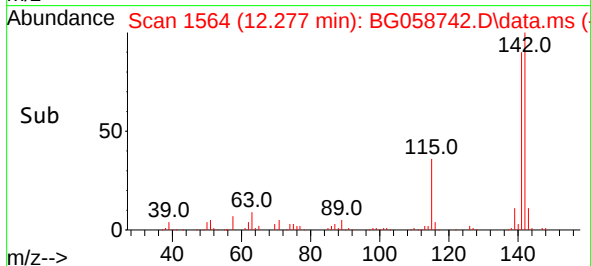


Tgt Ion:142 Resp: 213040
Ion Ratio Lower Upper
142 100
141 90.2 73.5 110.3
115 36.3 27.4 41.0

Manual Integrations

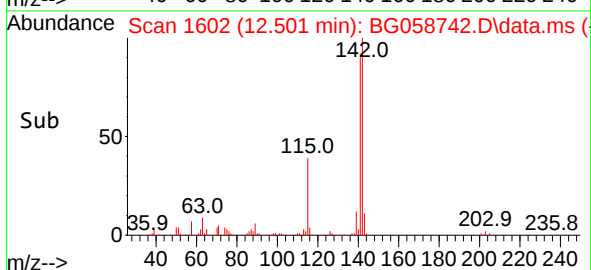
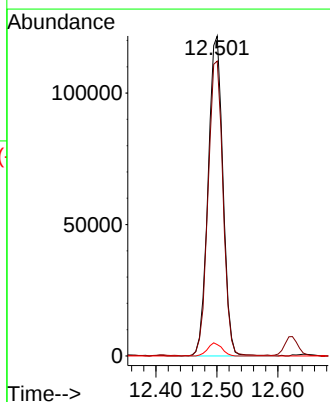
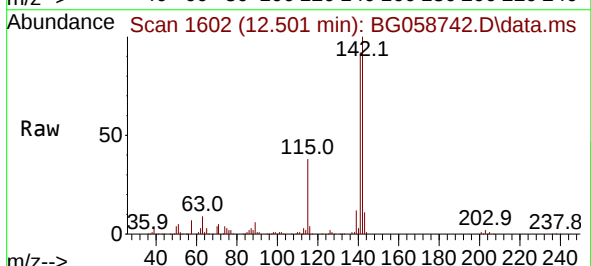
APPROVED

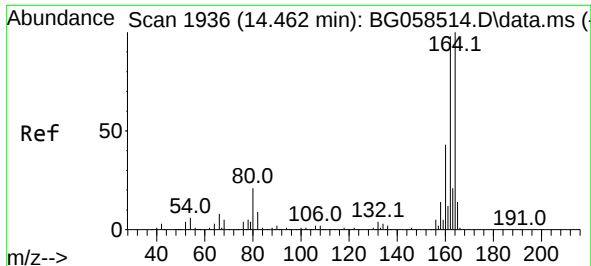
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#38
1-Methylnaphthalene
Concen: 41.769 ng
RT: 12.501 min Scan# 1602
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Tgt Ion:142 Resp: 205778
Ion Ratio Lower Upper
142 100
141 92.2 75.7 113.5
116 3.5 3.2 4.8





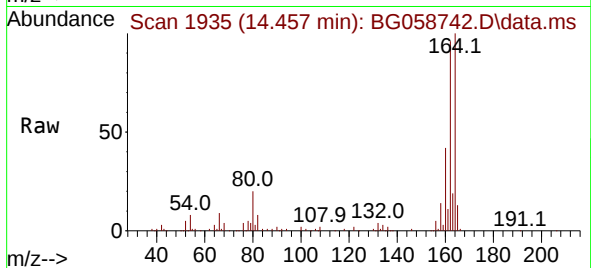
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

PB154844BS

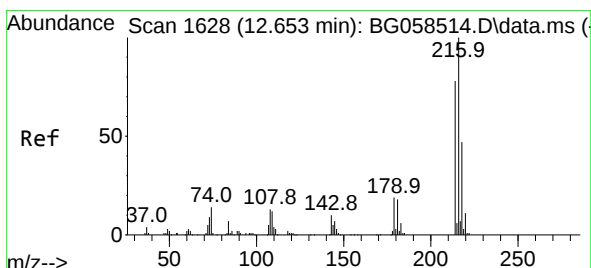
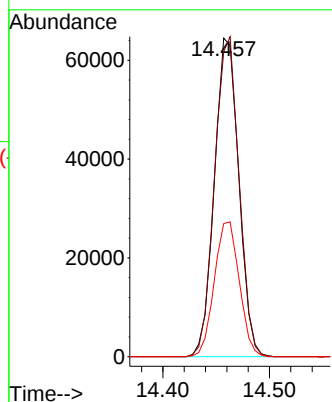
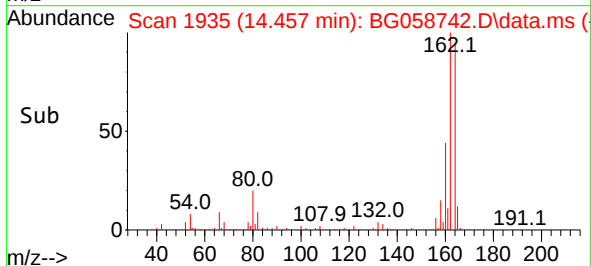


Tgt Ion:164 Resp: 10227
Ion Ratio Lower Upper
164 100
162 95.7 78.3 117.5
160 41.8 34.1 51.1

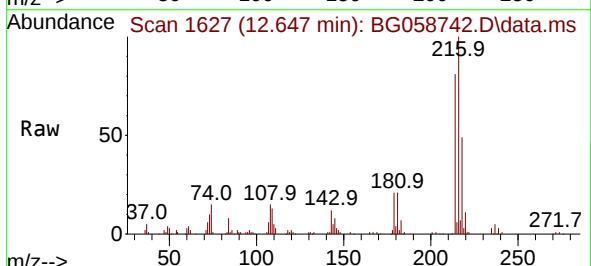
Manual Integrations

APPROVED

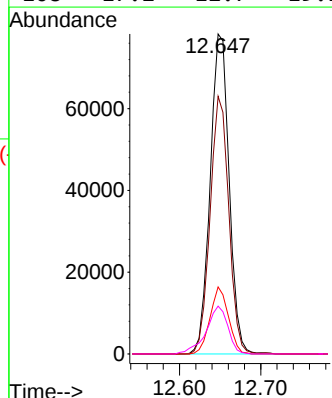
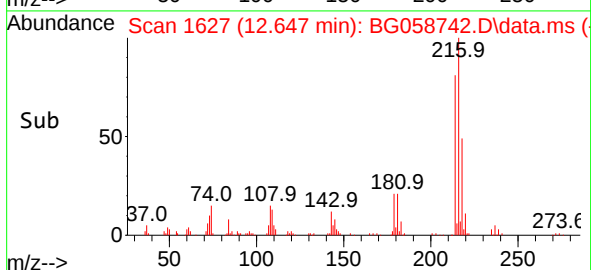
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

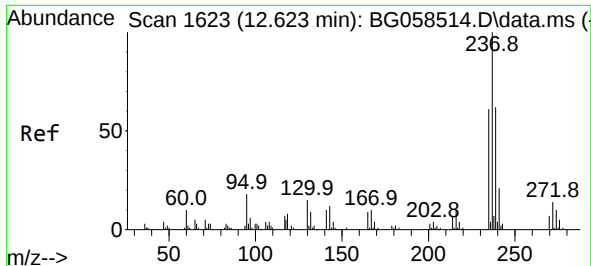


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.317 ng
RT: 12.647 min Scan# 1627
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38



Tgt Ion:216 Resp: 126597
Ion Ratio Lower Upper
216 100
214 79.5 63.1 94.7
179 20.3 15.6 23.4
108 17.2 12.7 19.1





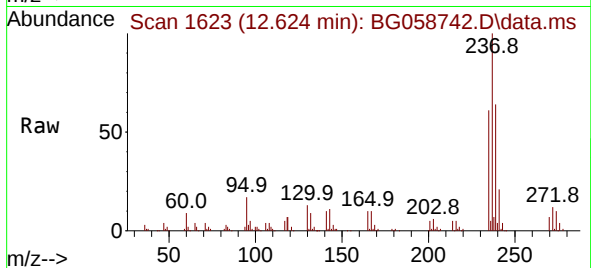
#41
Hexachlorocyclopentadiene
Concen: 75.887 ng
RT: 12.624 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

PB154844BS

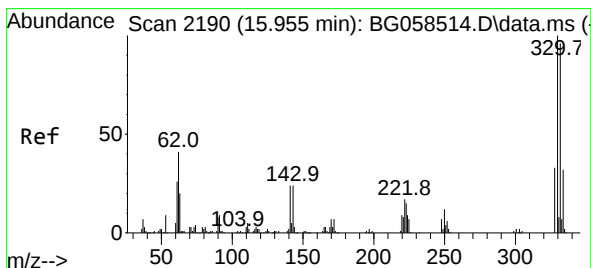
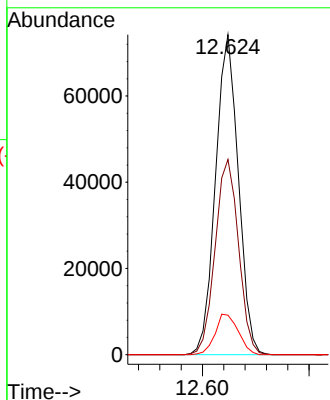
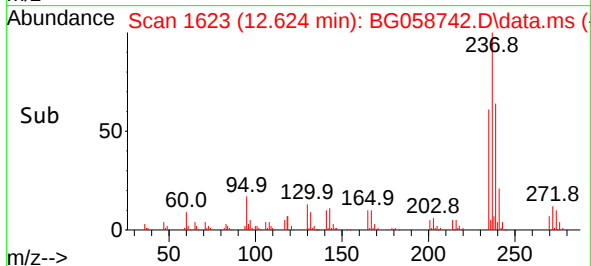


Tgt Ion:237 Resp: 110119
Ion Ratio Lower Upper
237 100
235 61.0 41.0 81.0
272 12.4 0.0 33.6

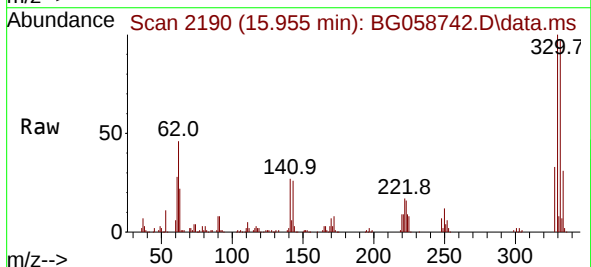
Manual Integrations

APPROVED

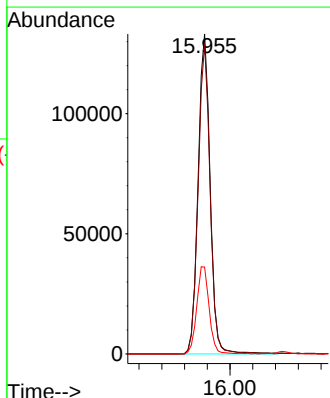
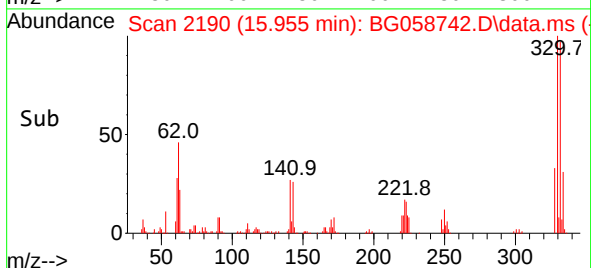
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

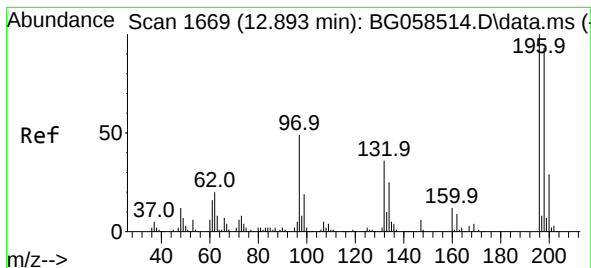


#42
2,4,6-Tribromophenol
Concen: 117.424 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38



Tgt Ion:330 Resp: 196848
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 28.1 20.7 31.1





#43

2,4,6-Trichlorophenol

Concen: 42.842 ng

RT: 12.894 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG058742.D

Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

PB154844BS

Tgt Ion:196 Resp: 9252

Ion Ratio Lower Upper

196 100

198 100.0 74.2 111.4

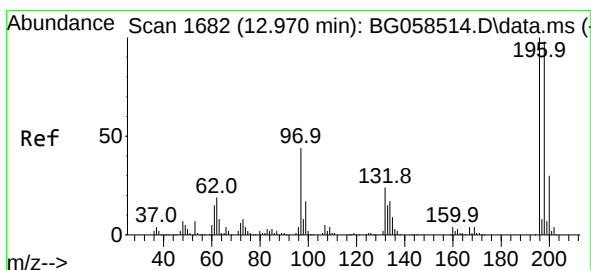
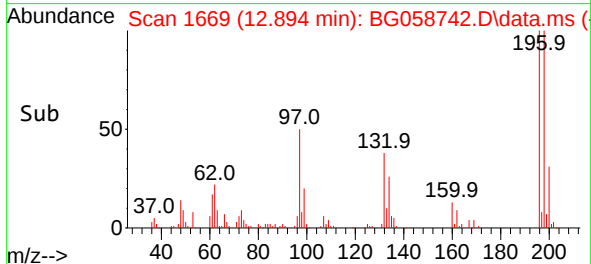
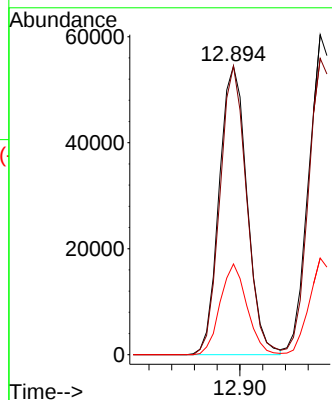
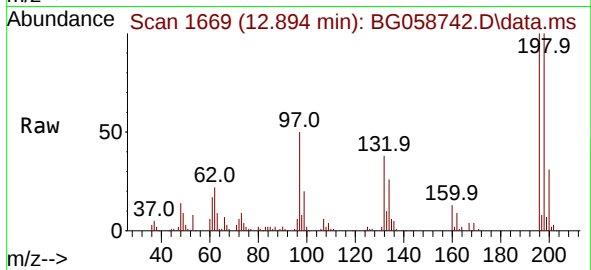
200 31.4 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#44

2,4,5-Trichlorophenol

Concen: 40.598 ng

RT: 12.971 min Scan# 1682

Delta R.T. 0.001 min

Lab File: BG058742.D

Acq: 16 Aug 2023 10:38

Tgt Ion:196 Resp: 103275

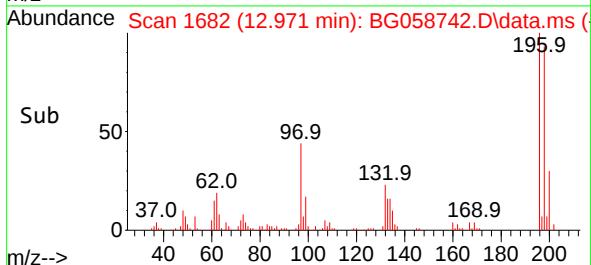
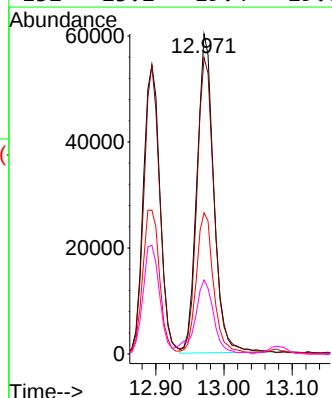
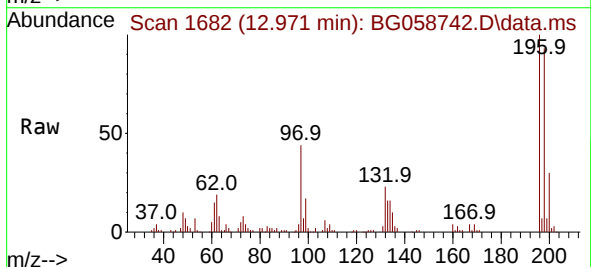
Ion Ratio Lower Upper

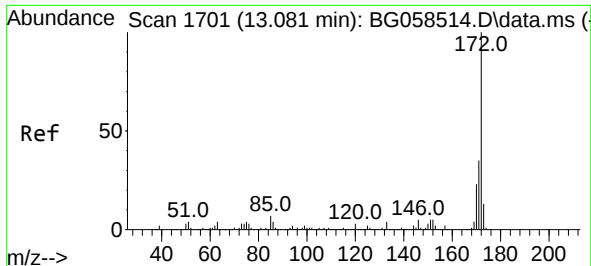
196 100

198 92.6 78.3 117.5

97 44.1 35.2 52.8

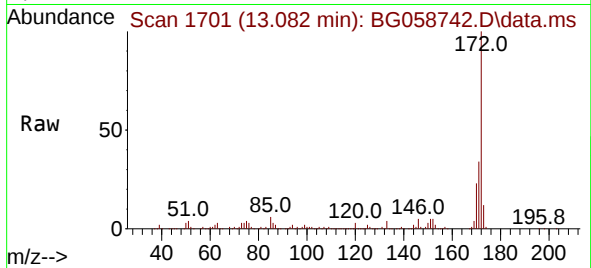
132 23.2 19.4 29.0





#45
2-Fluorobiphenyl
Concen: 77.988 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

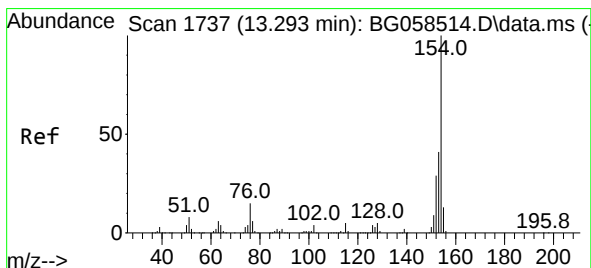
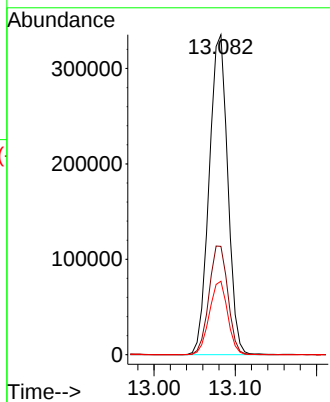
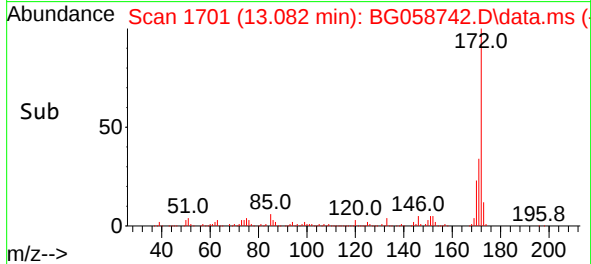
Instrument :
BNA_G
ClientSampleId :
PB154844BS



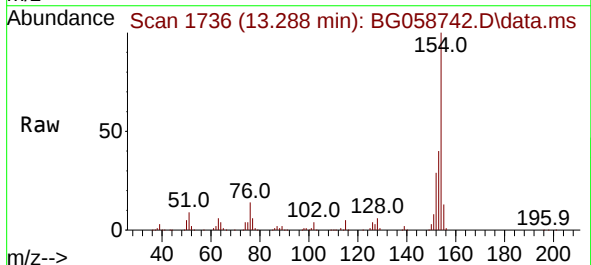
Tgt Ion:172 Resp: 53225
Ion Ratio Lower Upper
172 100
171 33.9 28.0 42.0
170 23.0 18.4 27.6

Manual Integrations
APPROVED

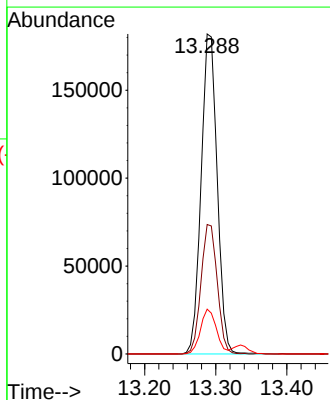
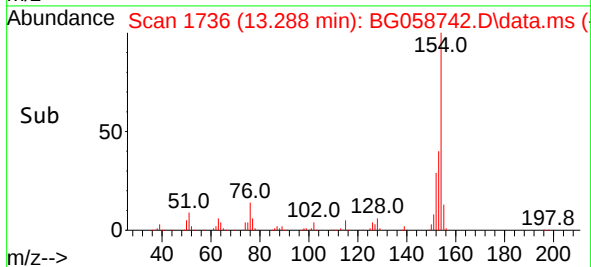
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

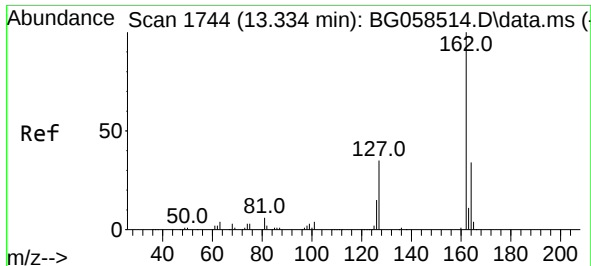


#46
1,1'-Biphenyl
Concen: 40.747 ng
RT: 13.288 min Scan# 1736
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38



Tgt Ion:154 Resp: 286205
Ion Ratio Lower Upper
154 100
153 40.4 21.2 61.2
76 14.0 0.0 34.7





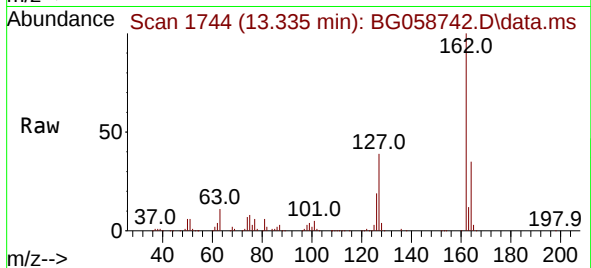
#47
2-Chloronaphthalene
Concen: 42.648 ng
RT: 13.335 min Scan# 1744
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

PB154844BS

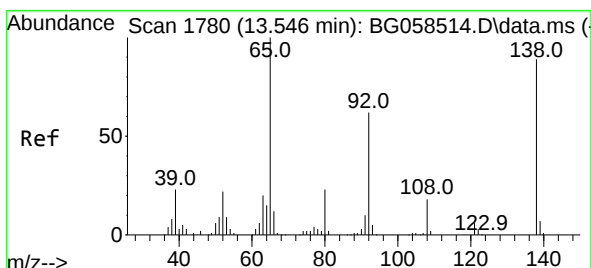
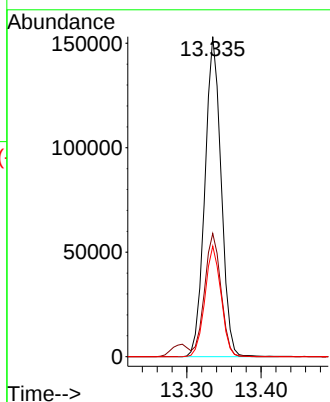
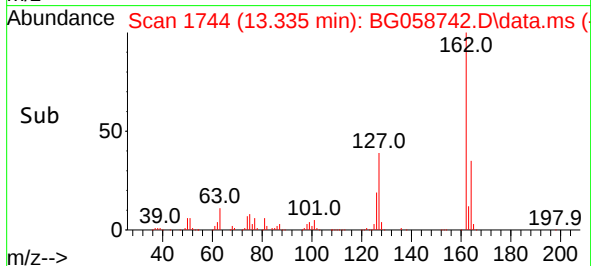


Tgt Ion:162 Resp: 233564
Ion Ratio Lower Upper
162 100
127 38.5 30.9 46.3
164 34.6 27.2 40.8

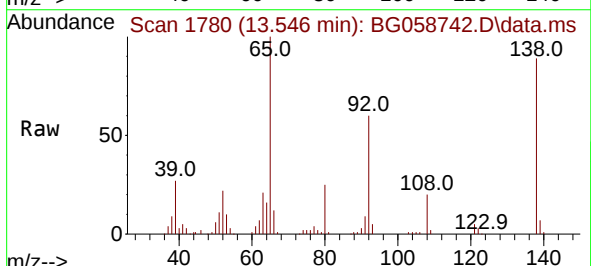
Manual Integrations

APPROVED

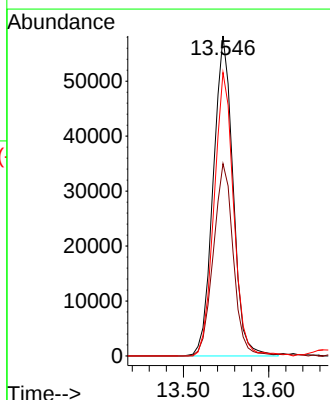
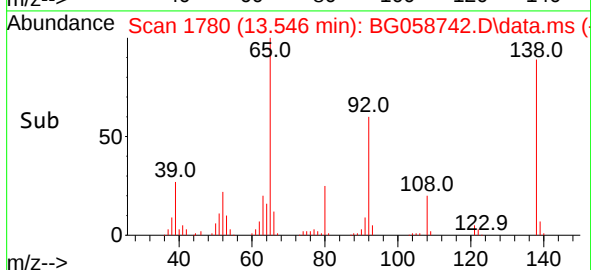
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

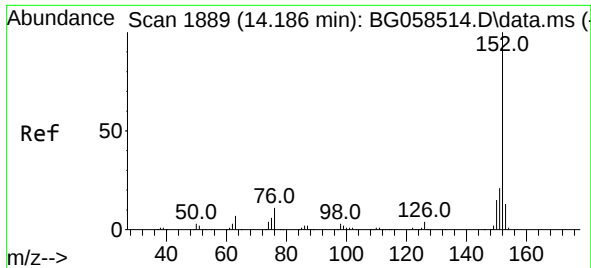


#48
2-Nitroaniline
Concen: 44.908 ng
RT: 13.546 min Scan# 1780
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38



Tgt Ion: 65 Resp: 93873
Ion Ratio Lower Upper
65 100
92 60.1 49.2 73.8
138 88.6 71.5 107.3





#49
Acenaphthylene
Concen: 42.722 ng
RT: 14.181 min Scan# 1888
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

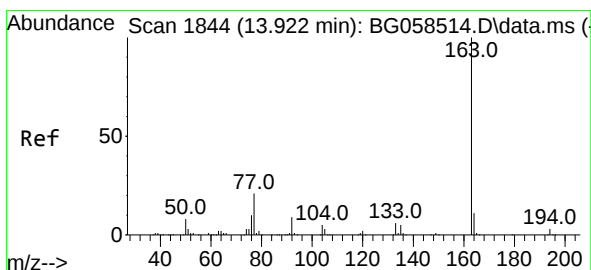
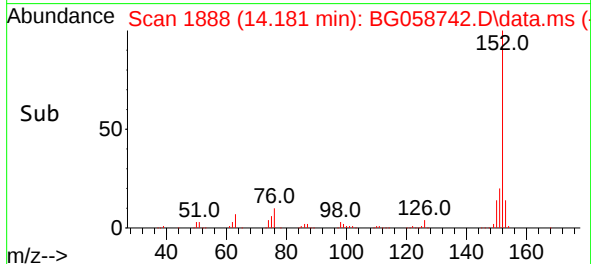
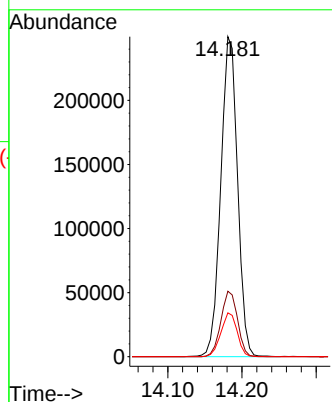
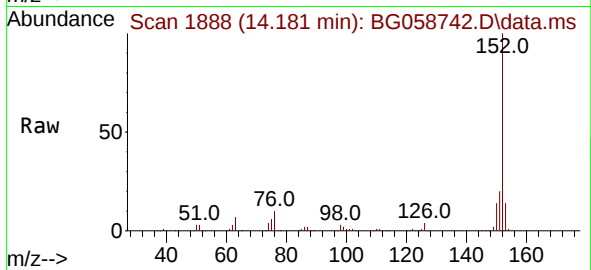
PB154844BS

Tgt Ion:152 Resp: 391719
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 13.7 10.7 16.1

Manual Integrations

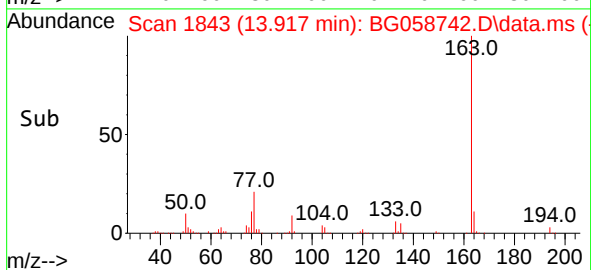
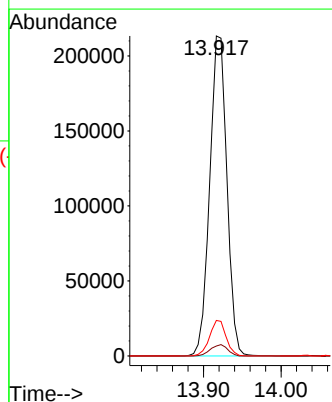
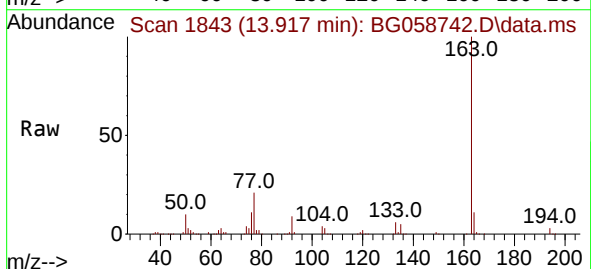
APPROVED

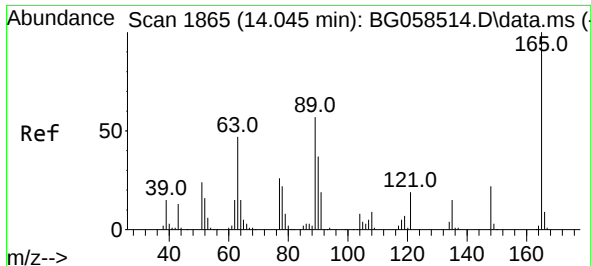
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#50
Dimethylphthalate
Concen: 42.812 ng
RT: 13.917 min Scan# 1843
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Tgt Ion:163 Resp: 328849
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 11.1 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 43.603 ng
RT: 14.040 min Scan# 1865
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

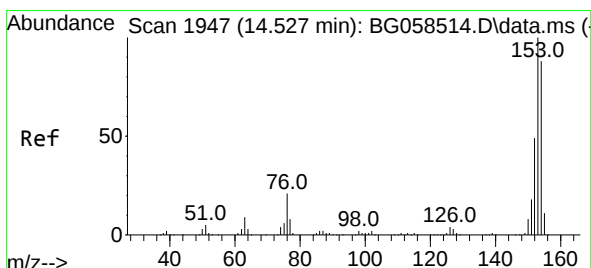
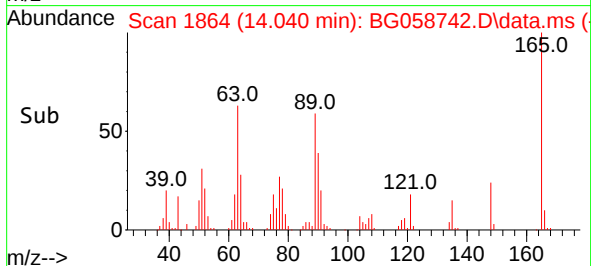
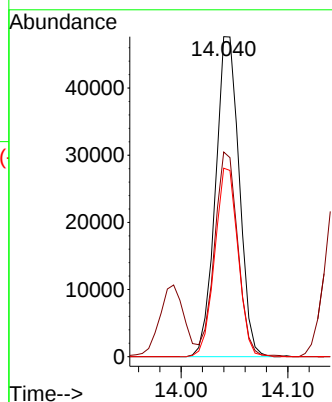
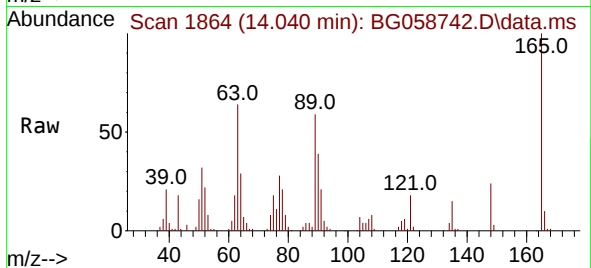
PB154844BS

Tgt Ion:165 Resp: 73489
Ion Ratio Lower Upper
165 100
63 64.0 46.4 69.6
89 58.9 45.3 67.9

Manual Integrations

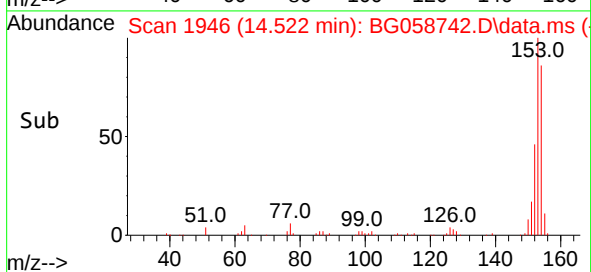
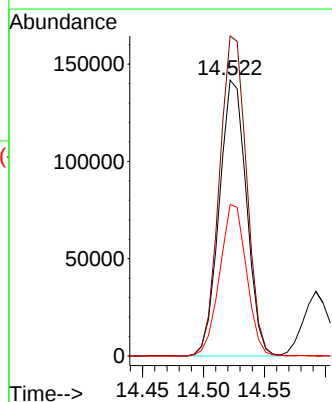
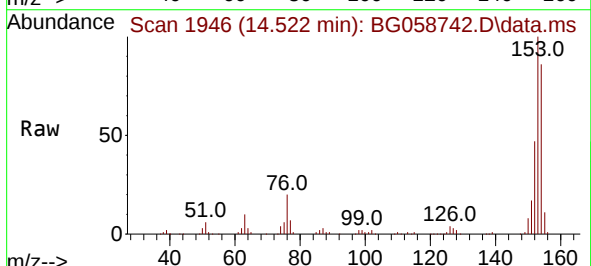
APPROVED

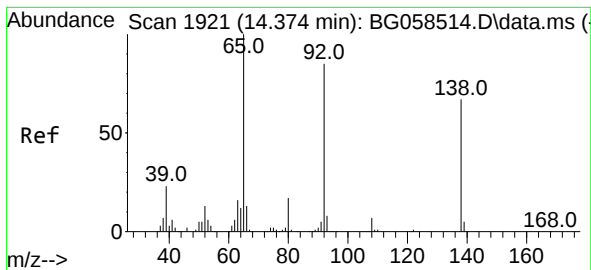
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#52
Acenaphthene
Concen: 41.512 ng
RT: 14.522 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Tgt Ion:154 Resp: 219932
Ion Ratio Lower Upper
154 100
153 116.0 91.1 136.7
152 54.9 44.6 66.8





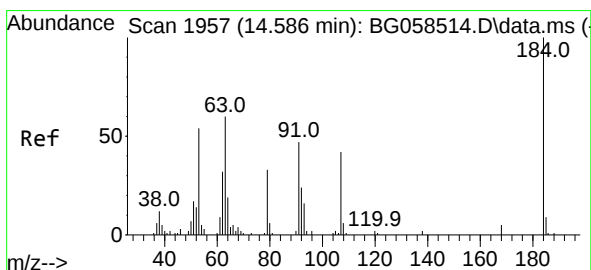
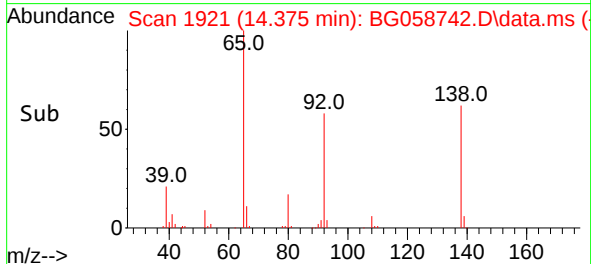
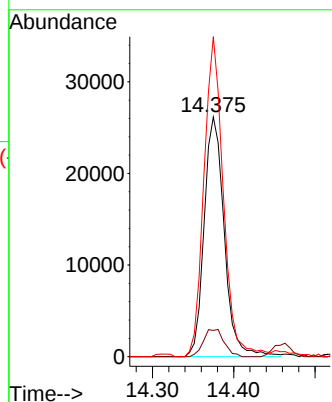
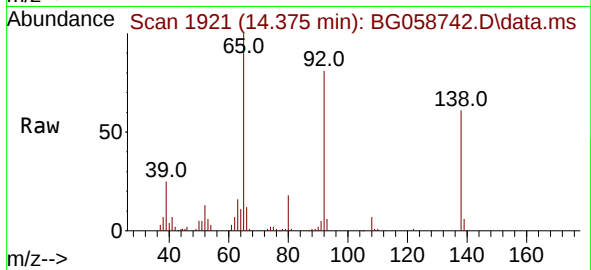
#53
3-Nitroaniline
Concen: 26.640 ng
RT: 14.375 min Scan# 1921
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :
BNA_G
ClientSampleId :
PB154844BS

Tgt Ion:138 Resp: 4492
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 133.5 101.1 151.7

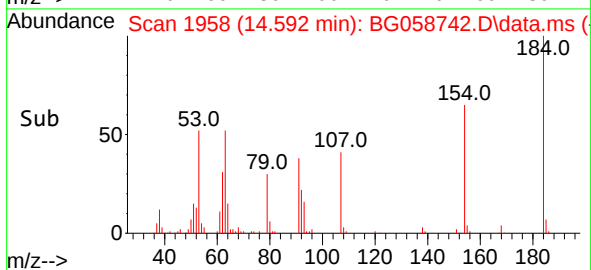
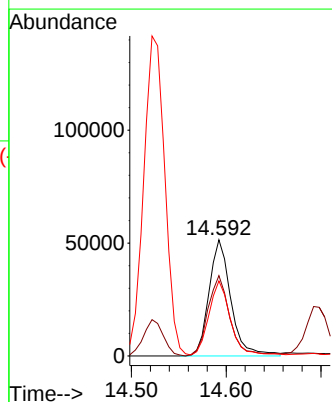
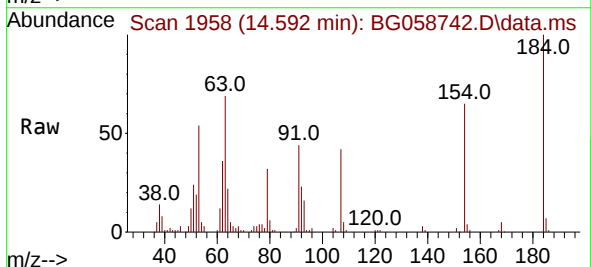
Manual Integrations
APPROVED

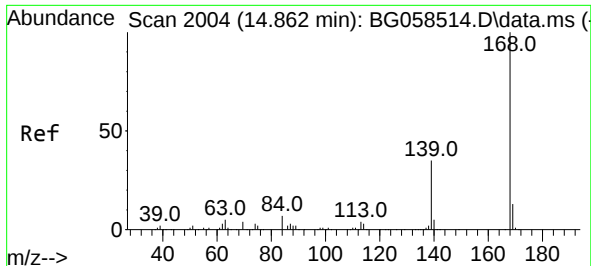
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#54
2,4-Dinitrophenol
Concen: 86.245 ng
RT: 14.592 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Tgt Ion:184 Resp: 82553
Ion Ratio Lower Upper
184 100
63 69.2 56.7 85.1
154 64.6 46.1 69.1





#55
Dibenzenofuran
Concen: 42.023 ng
RT: 14.863 min Scan# 2004
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

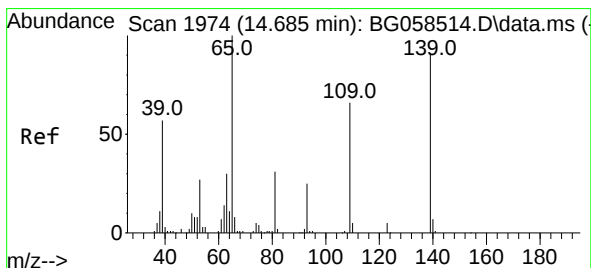
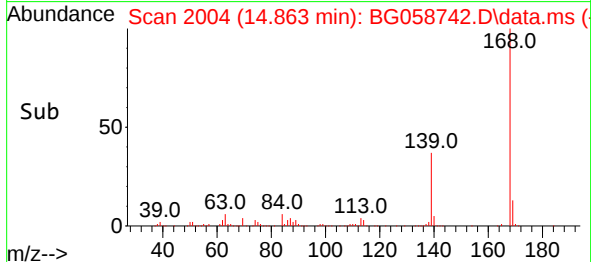
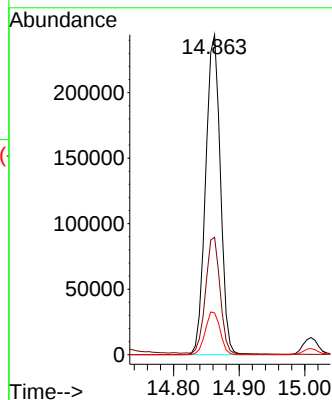
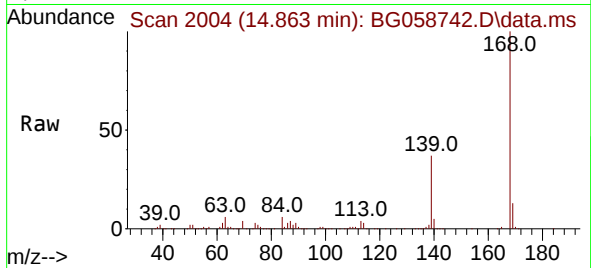
PB154844BS

Tgt Ion:168 Resp: 382560
Ion Ratio Lower Upper
168 100
139 36.7 27.8 41.8
169 13.0 10.6 16.0

Manual Integrations

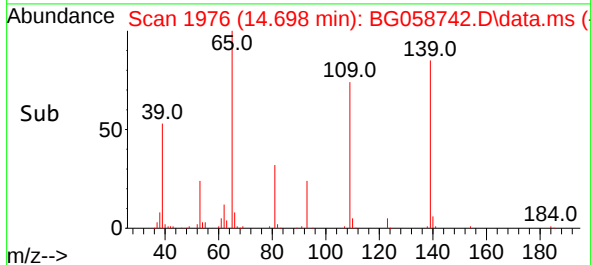
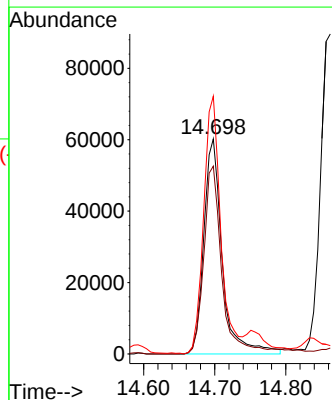
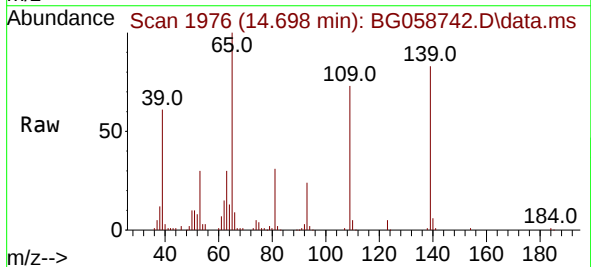
APPROVED

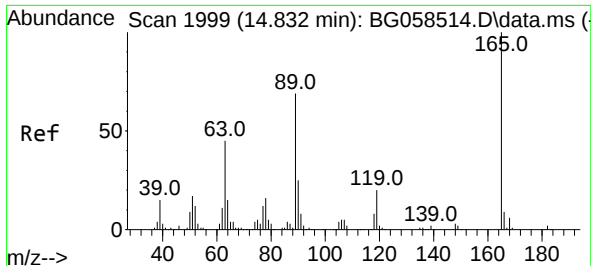
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#56
4-Nitrophenol
Concen: 86.928 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.013 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Tgt Ion:139 Resp: 108991
Ion Ratio Lower Upper
139 100
109 87.4 52.5 92.5
65 119.8 90.5 130.5





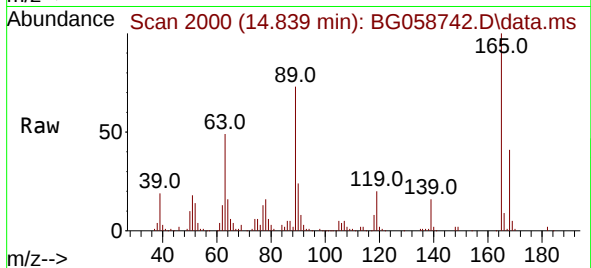
#57
2,4-Dinitrotoluene
Concen: 45.944 ng
RT: 14.839 min Scan# 2000
Delta R.T. 0.007 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

PB154844BS

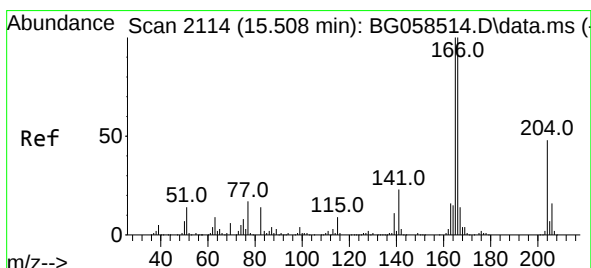
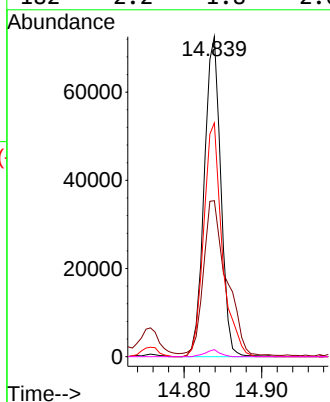
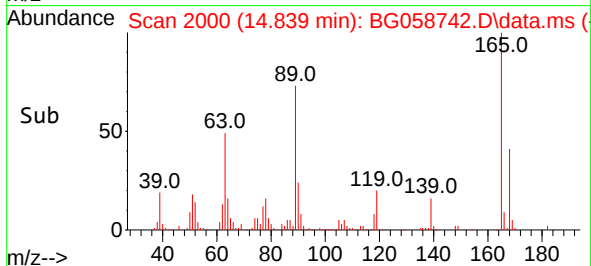


Tgt Ion:165 Resp: 107352
Ion Ratio Lower Upper
165 100
63 48.8 36.6 54.8
89 73.1 55.4 83.0
182 2.2 1.8 2.6

Manual Integrations

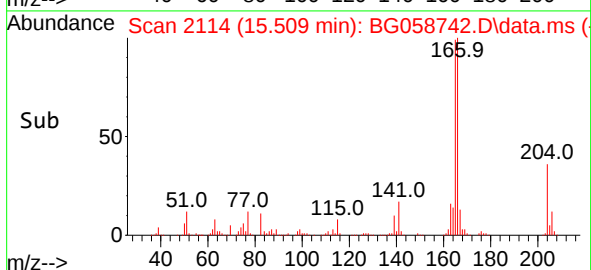
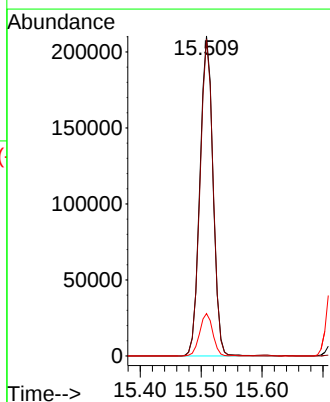
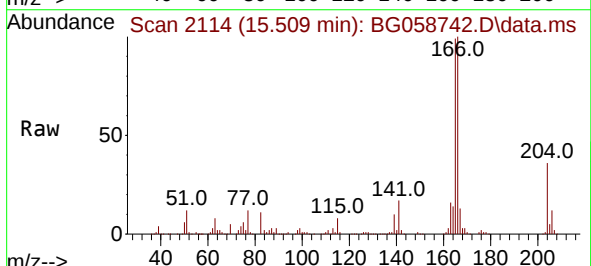
APPROVED

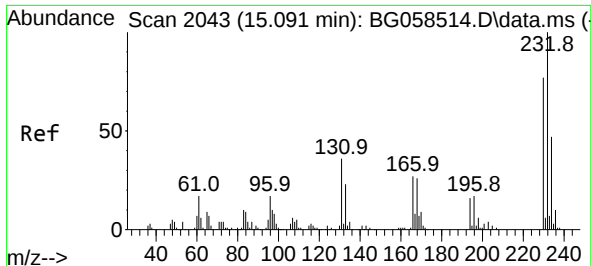
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#58
Fluorene
Concen: 43.274 ng
RT: 15.509 min Scan# 2114
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Tgt Ion:166 Resp: 312963
Ion Ratio Lower Upper
166 100
165 99.0 80.0 120.0
167 13.3 11.3 16.9





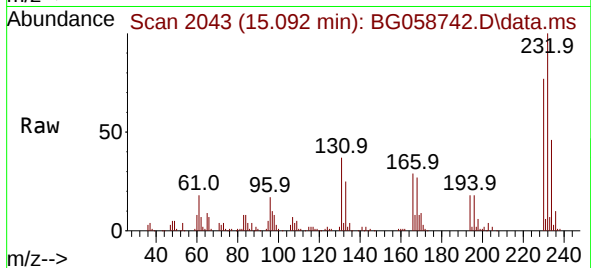
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.253 ng
RT: 15.092 min Scan# 2043
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

PB154844BS

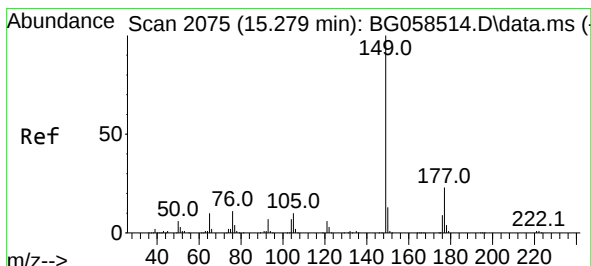
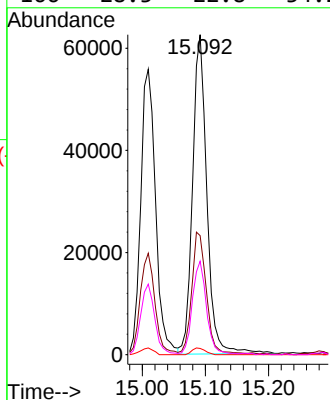
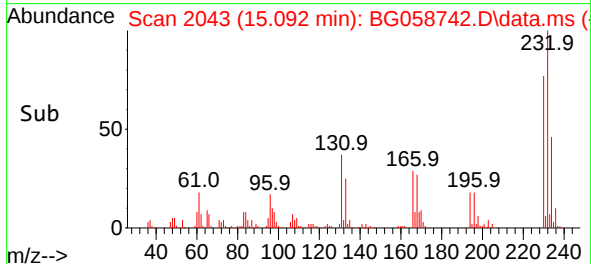


Tgt Ion:232 Resp: 9823
Ion Ratio Lower Upper
232 100
131 38.2 30.0 45.0
130 1.9 1.5 2.3
166 28.3 22.8 34.2

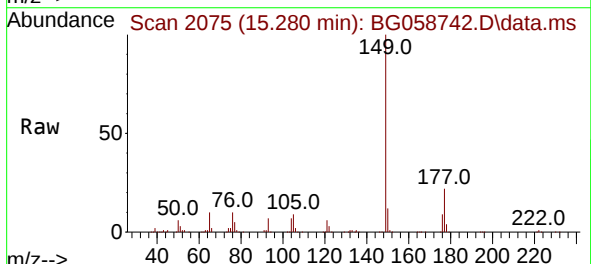
Manual Integrations

APPROVED

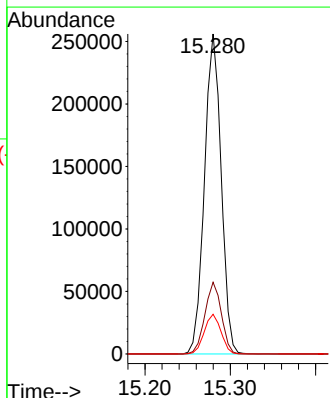
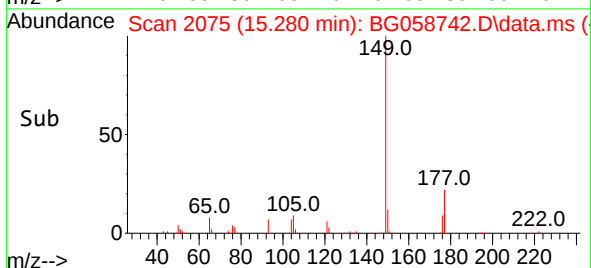
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#60
Diethylphthalate
Concen: 44.509 ng
RT: 15.280 min Scan# 2075
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38



Tgt Ion:149 Resp: 348295
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.4
150 12.4 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 42.453 ng
RT: 15.497 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

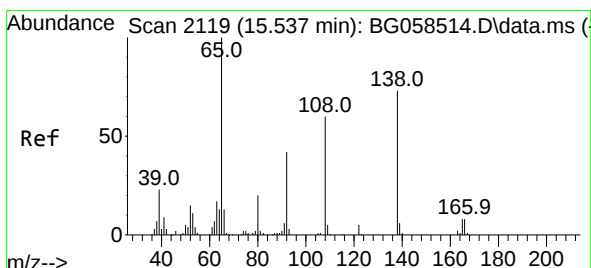
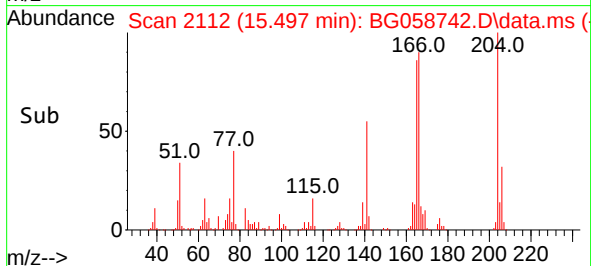
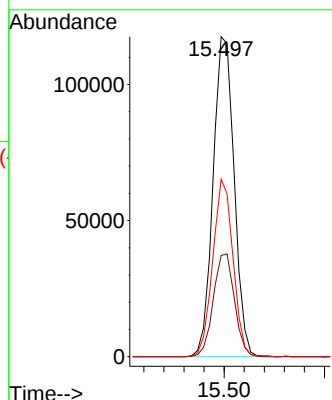
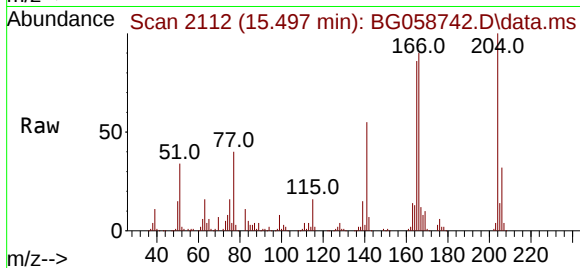
PB154844BS

Tgt Ion:204 Resp: 171170
Ion Ratio Lower Upper
204 100
206 31.7 27.0 40.4
141 55.4 40.8 61.2

Manual Integrations

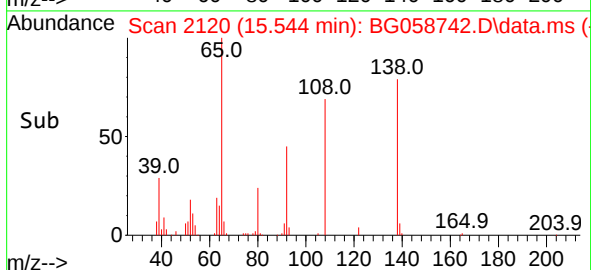
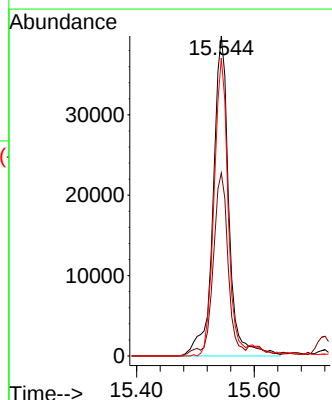
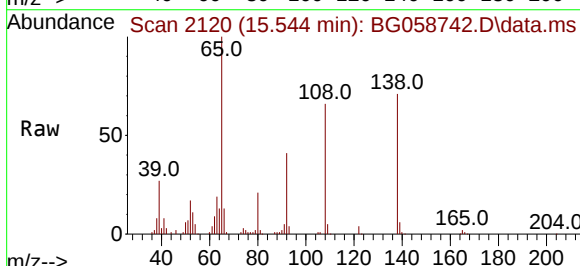
APPROVED

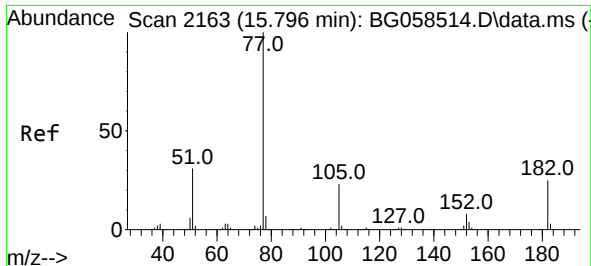
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#62
4-Nitroaniline
Concen: 46.349 ng
RT: 15.544 min Scan# 2120
Delta R.T. 0.007 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Tgt Ion:138 Resp: 74037
Ion Ratio Lower Upper
138 100
92 57.2 37.3 77.3
108 93.1 62.6 102.6





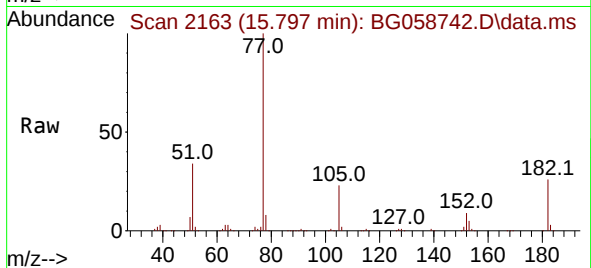
#63
Azobenzene
Concen: 42.124 ng
RT: 15.797 min Scan# 2163
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

PB154844BS

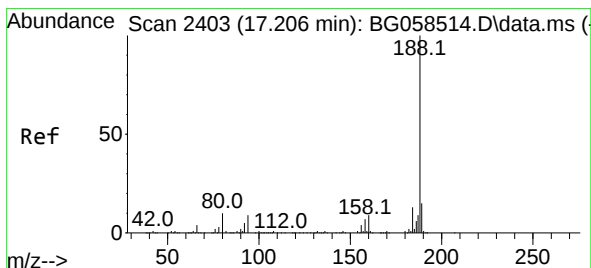
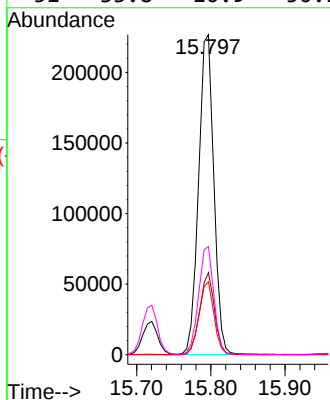
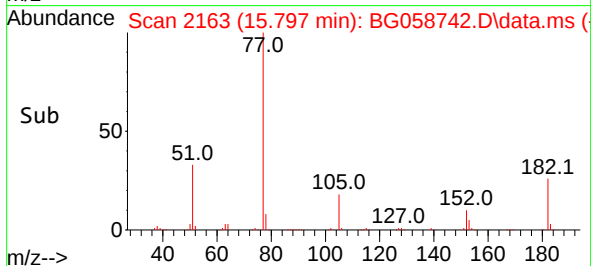


Tgt Ion: 77 Resp: 324679
Ion Ratio Lower Upper
77 100
182 25.6 4.6 44.6
105 22.8 3.3 43.3
51 33.8 10.9 50.9

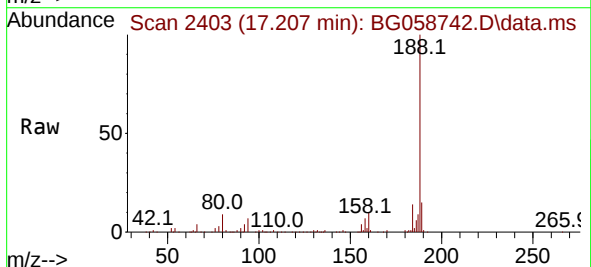
Manual Integrations

APPROVED

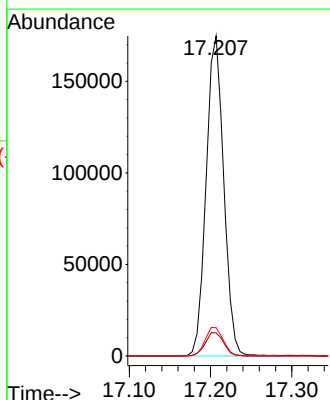
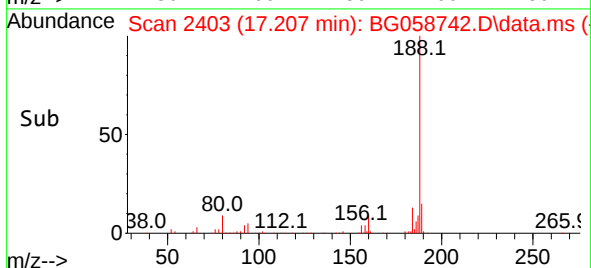
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

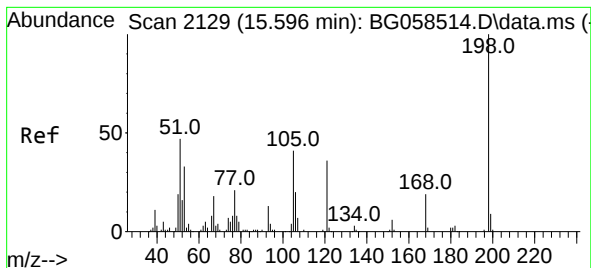


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38



Tgt Ion:188 Resp: 262382
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.6
80 8.9 8.1 12.1





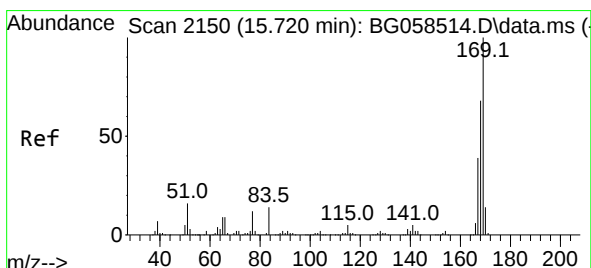
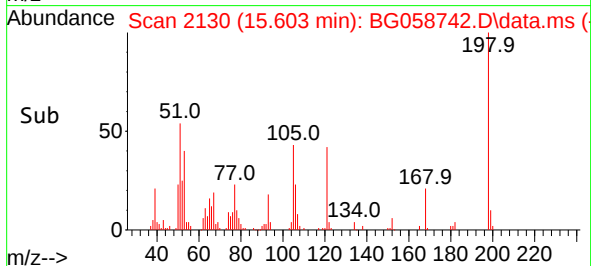
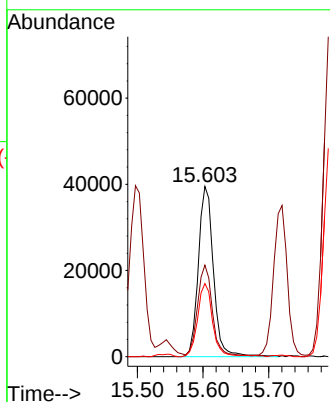
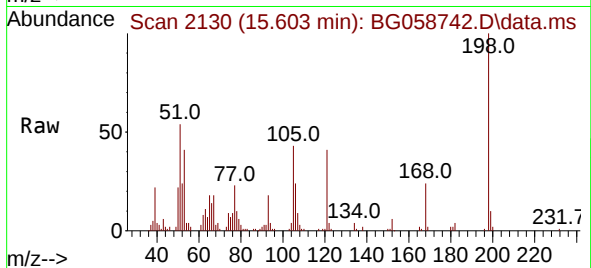
#65
4,6-Dinitro-2-methylphenol
Concen: 43.857 ng
RT: 15.603 min Scan# 2129
Delta R.T. 0.007 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :
BNA_G
ClientSampleId :
PB154844BS

Tgt Ion:198 Resp: 63450
Ion Ratio Lower Upper
198 100
51 53.8 29.3 69.3
105 43.0 21.0 61.0

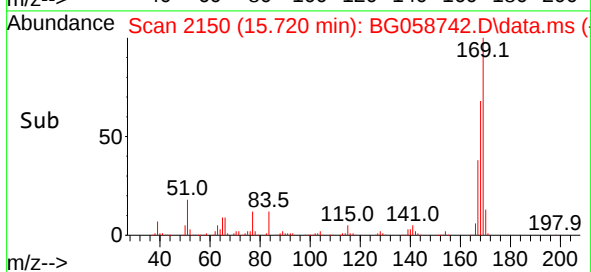
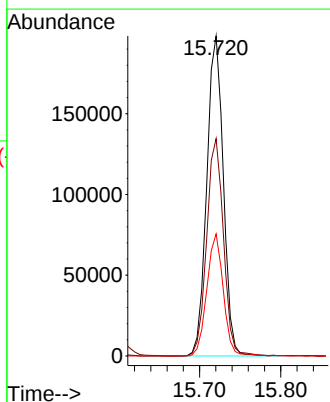
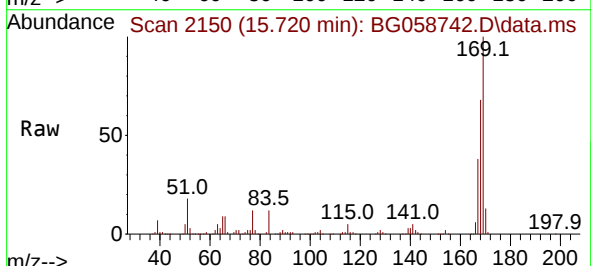
Manual Integrations
APPROVED

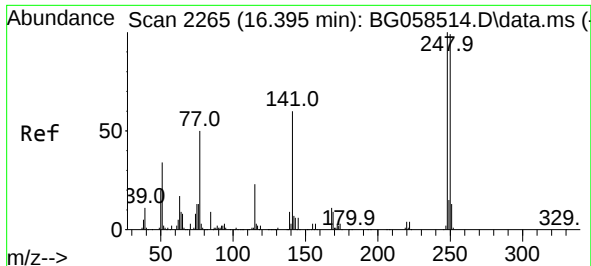
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#66
n-Nitrosodiphenylamine
Concen: 40.959 ng
RT: 15.720 min Scan# 2150
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Tgt Ion:169 Resp: 279709
Ion Ratio Lower Upper
169 100
168 67.9 54.6 82.0
167 38.2 31.3 46.9





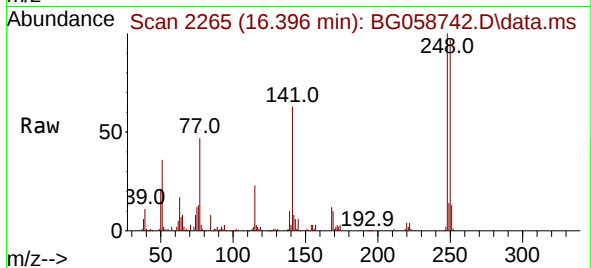
#67
4-Bromophenyl-phenylether
Concen: 39.827 ng
RT: 16.396 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

PB154844BS

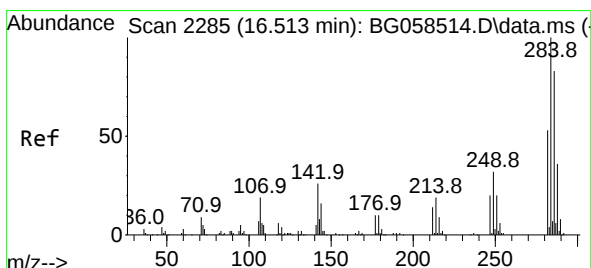
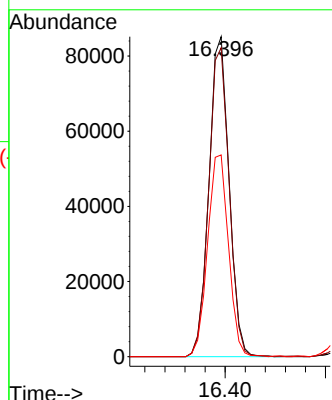
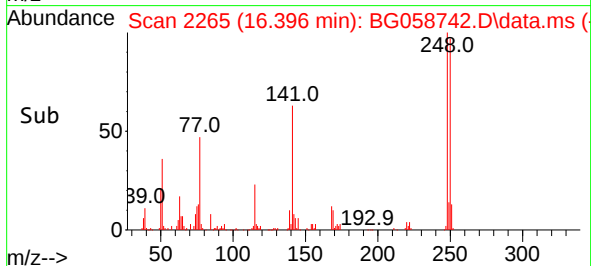


Tgt Ion:248 Resp: 11852
Ion Ratio Lower Upper
248 100
250 96.5 79.5 119.3
141 63.0 48.2 72.2

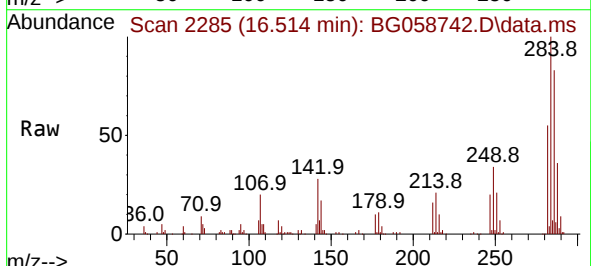
Manual Integrations

APPROVED

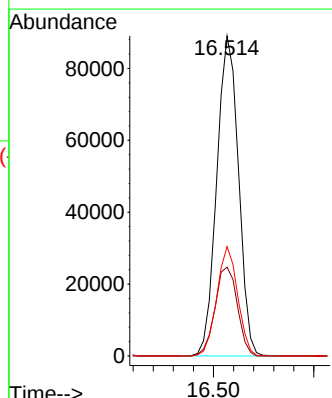
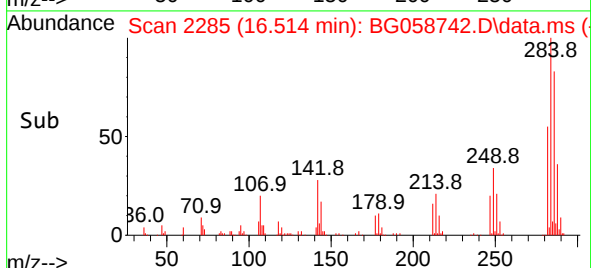
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

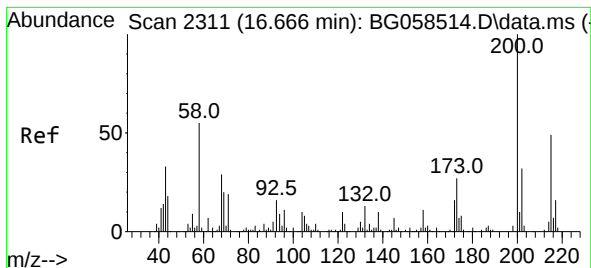


#68
Hexachlorobenzene
Concen: 42.339 ng
RT: 16.514 min Scan# 2285
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38



Tgt Ion:284 Resp: 133515
Ion Ratio Lower Upper
284 100
142 27.8 21.0 31.4
249 34.1 25.5 38.3





#69

Atrazine

Concen: 50.732 ng

RT: 16.666 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058742.D

Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

PB154844BS

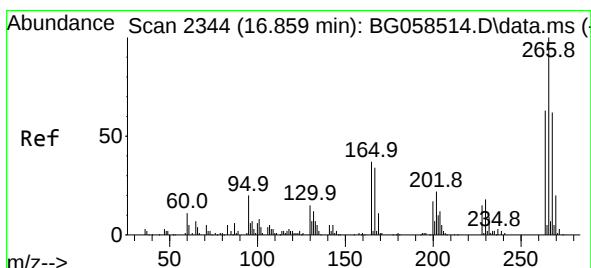
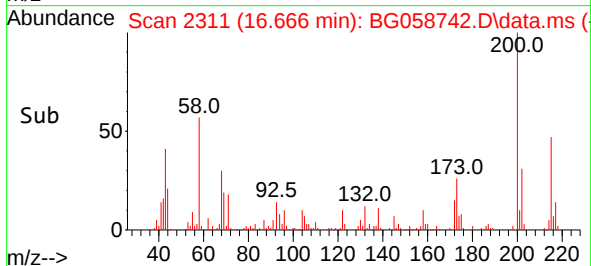
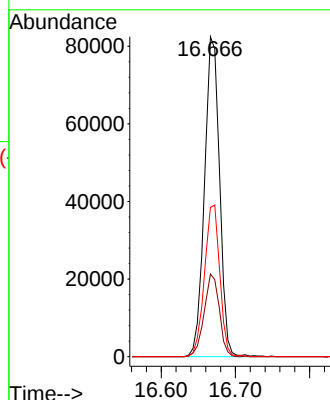
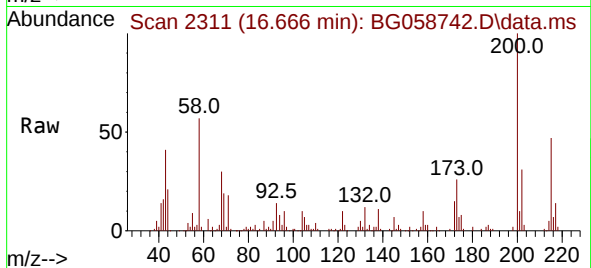
Tgt Ion:200 Resp: 116954
 Ion Ratio Lower Upper
 200 100
 173 25.8 6.5 46.5
 215 46.7 28.9 68.9

Manual Integrations

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Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#70

Pentachlorophenol

Concen: 66.820 ng

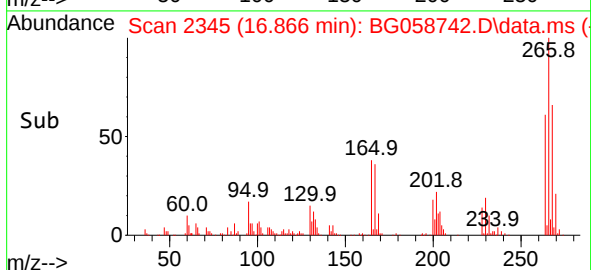
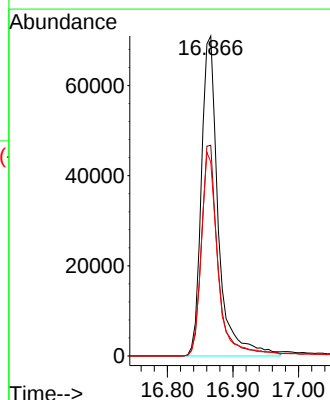
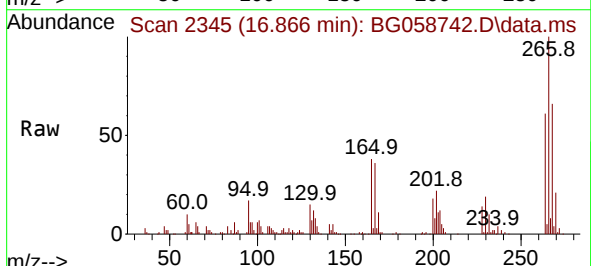
RT: 16.866 min Scan# 2345

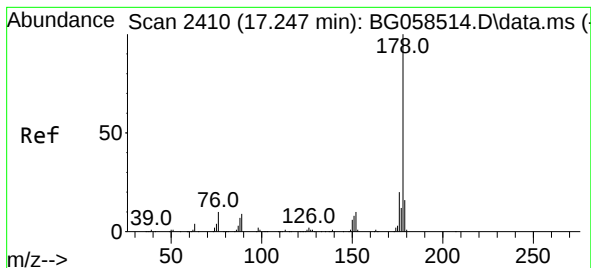
Delta R.T. 0.007 min

Lab File: BG058742.D

Acq: 16 Aug 2023 10:38

Tgt Ion:266 Resp: 127543
 Ion Ratio Lower Upper
 266 100
 268 70.1 49.9 74.9
 264 60.6 50.2 75.4





#71

Phenanthrene

Concen: 42.080 ng

RT: 17.248 min Scan# 2410

Delta R.T. 0.001 min

Lab File: BG058742.D

Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

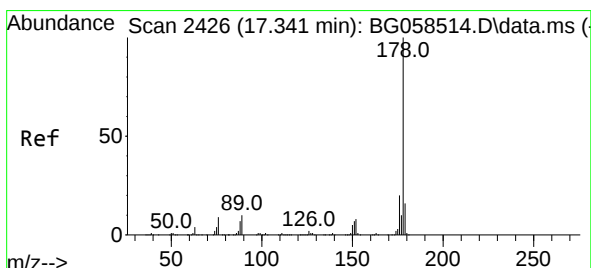
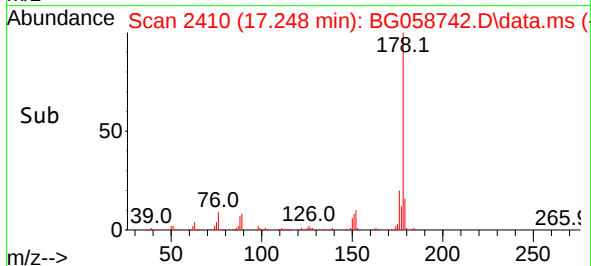
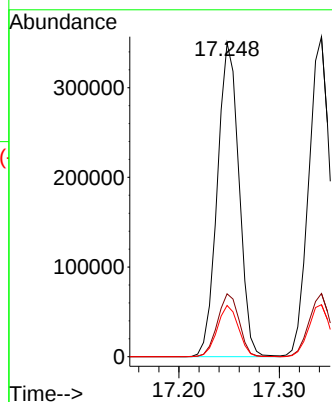
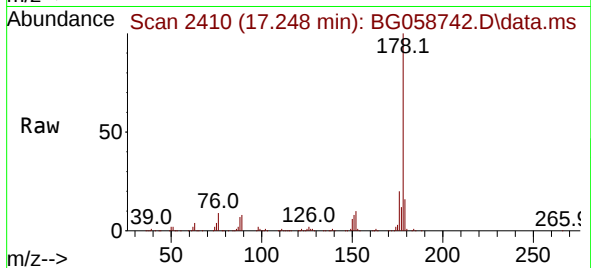
PB154844BS

Tgt Ion:178	Resp: 52361
Ion Ratio	Lower Upper
178	100
176	20.0 16.3 24.5
179	16.3 13.1 19.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#72

Anthracene

Concen: 41.457 ng

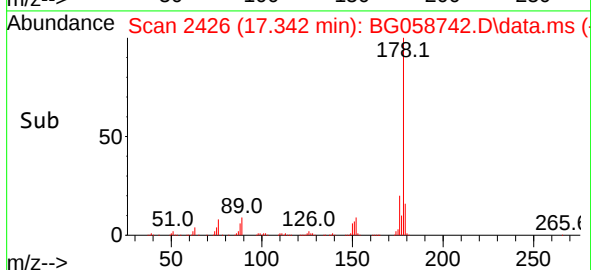
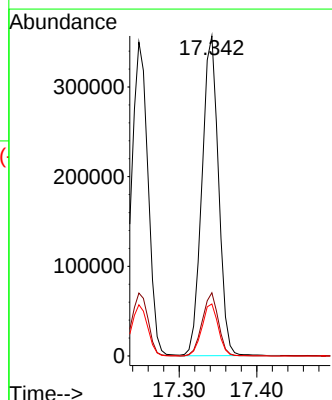
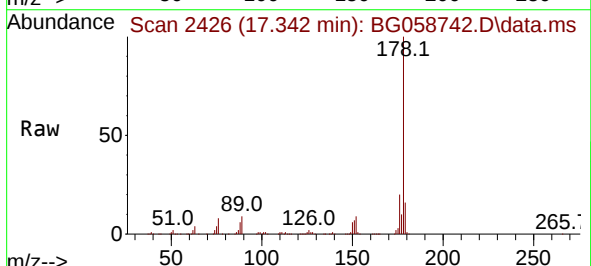
RT: 17.342 min Scan# 2426

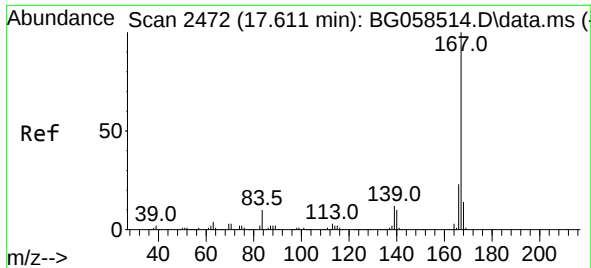
Delta R.T. 0.001 min

Lab File: BG058742.D

Acq: 16 Aug 2023 10:38

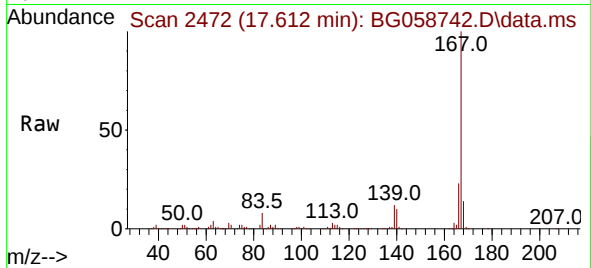
Tgt Ion:178	Resp: 529311
Ion Ratio	Lower Upper
178	100
176	19.7 16.0 24.0
179	16.3 12.9 19.3





#73
 Carbazole
 Concen: 43.562 ng
 RT: 17.612 min Scan# 2472
 Delta R.T. 0.001 min
 Lab File: BG058742.D
 Acq: 16 Aug 2023 10:38

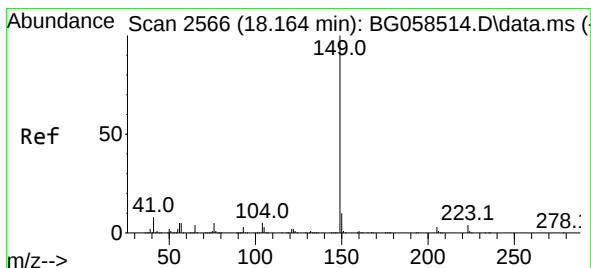
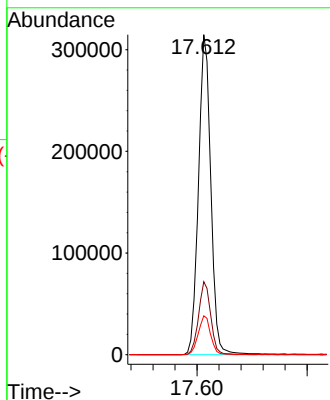
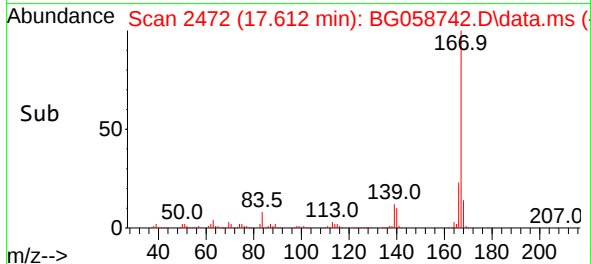
Instrument :
 BNA_G
 ClientSampleId :
 PB154844BS



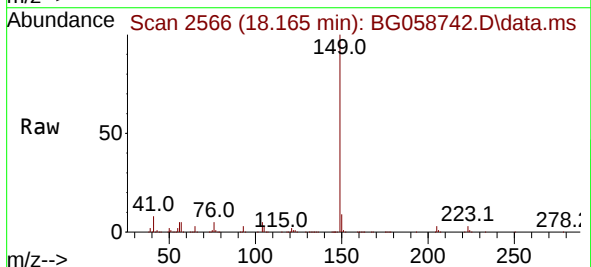
Tgt Ion:167 Resp: 490461
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.4 27.6
 139 12.2 10.0 15.0

Manual Integrations
 APPROVED

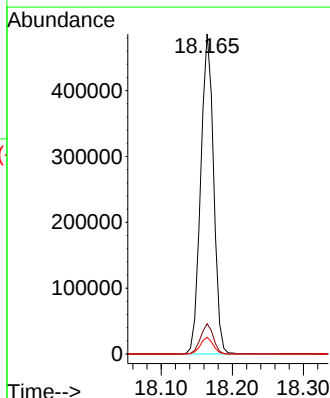
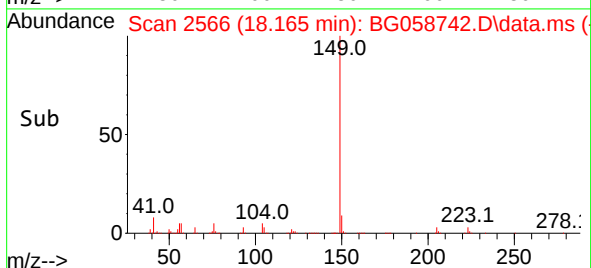
Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

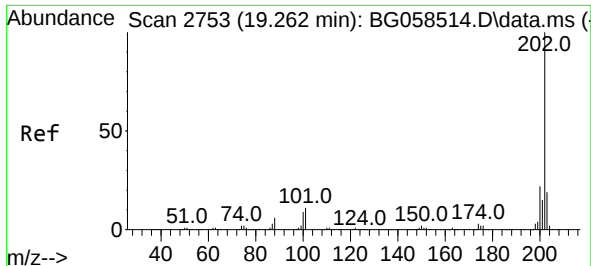


#74
 Di-n-butylphthalate
 Concen: 43.557 ng
 RT: 18.165 min Scan# 2566
 Delta R.T. 0.001 min
 Lab File: BG058742.D
 Acq: 16 Aug 2023 10:38



Tgt Ion:149 Resp: 614256
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.2 4.0 6.0





#75
Fluoranthene
Concen: 42.399 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

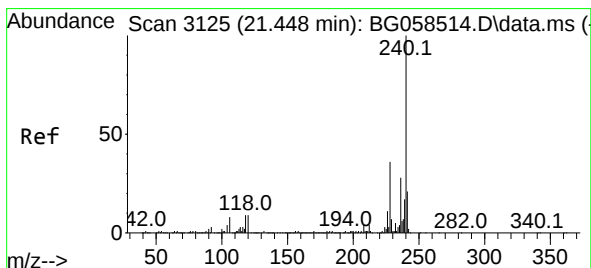
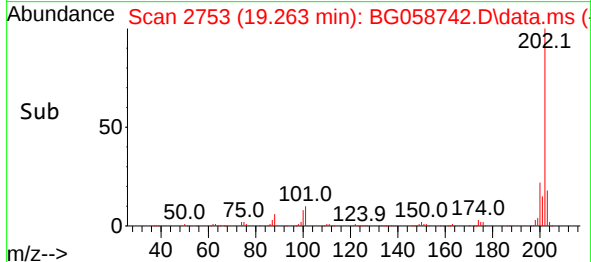
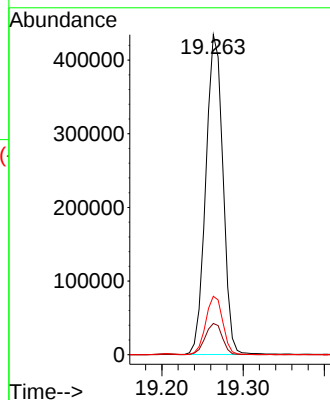
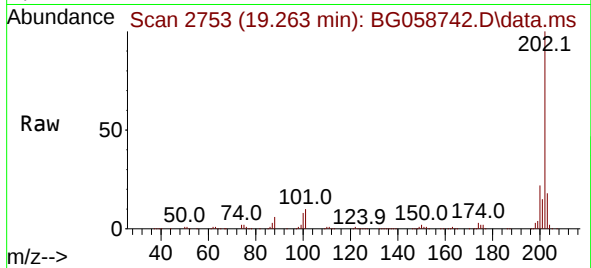
PB154844BS

Tgt Ion:202 Resp: 633739
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.4
203 18.2 0.0 39.0

Manual Integrations

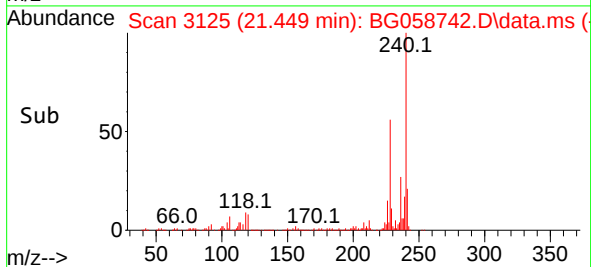
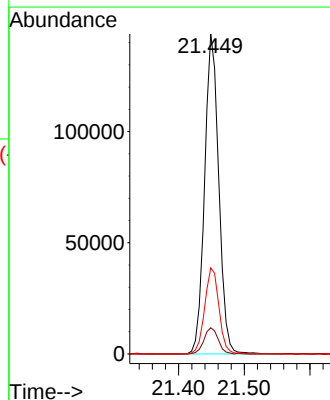
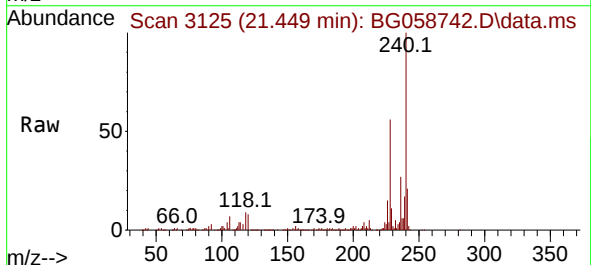
APPROVED

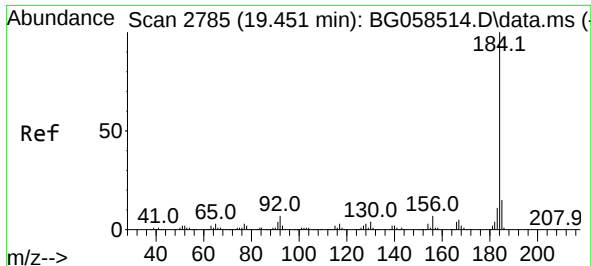
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

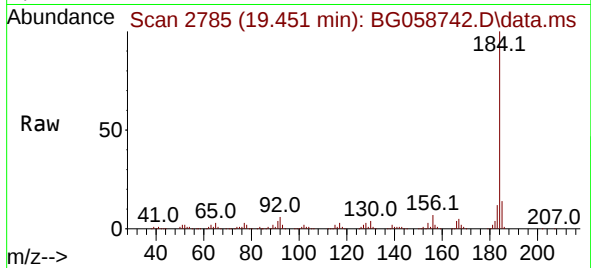
Tgt Ion:240 Resp: 216172
Ion Ratio Lower Upper
240 100
120 8.2 7.4 11.0
236 26.9 22.2 33.4





#77
Benzidine
Concen: 67.313 ng
RT: 19.451 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

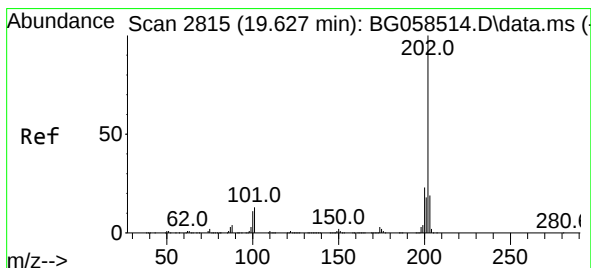
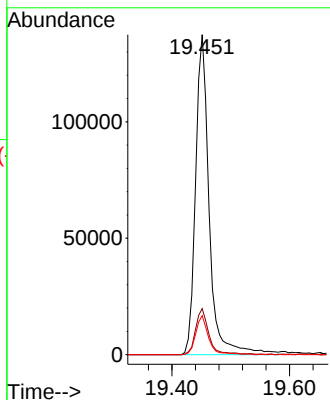
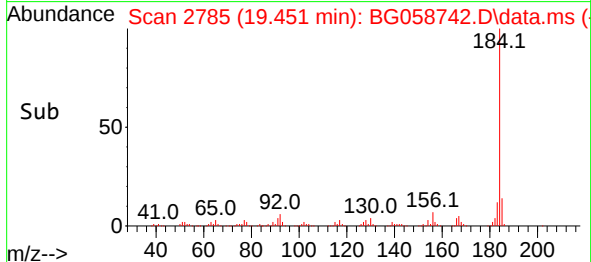
Instrument :
BNA_G
ClientSampleId :
PB154844BS



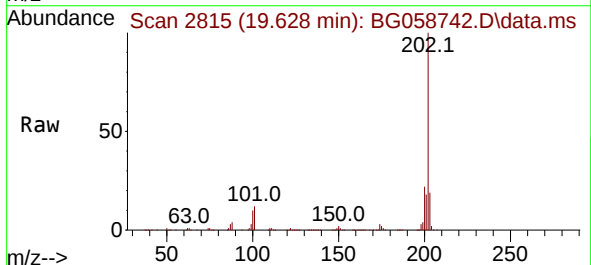
Tgt Ion:184 Resp: 22065
Ion Ratio Lower Upper
184 100
185 14.4 11.9 17.9
183 12.2 8.7 13.1

Manual Integrations
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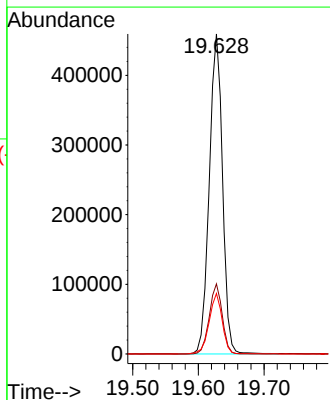
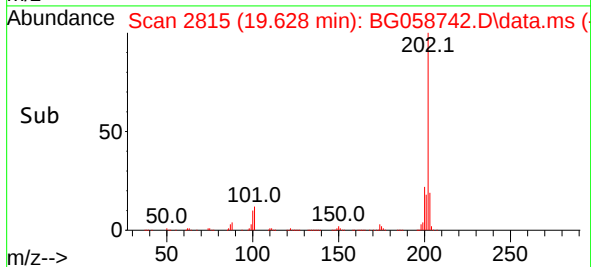
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#78
Pyrene
Concen: 43.807 ng
RT: 19.628 min Scan# 2815
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38



Tgt Ion:202 Resp: 644476
Ion Ratio Lower Upper
202 100
200 21.9 18.2 27.2
203 18.9 15.1 22.7





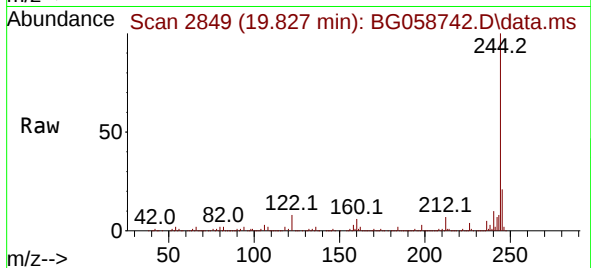
#79
 Terphenyl-d14
 Concen: 86.902 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. 0.001 min
 Lab File: BG058742.D
 Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

PB154844BS

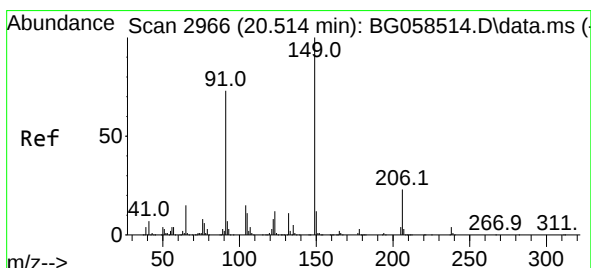
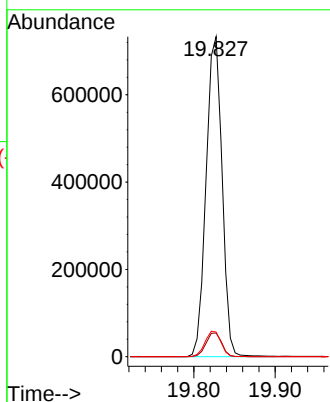
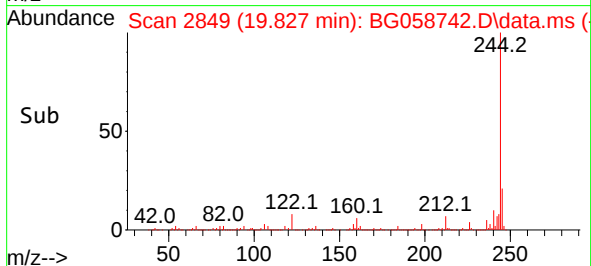


Tgt Ion:244 Resp: 998964
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 7.7 6.8 10.2

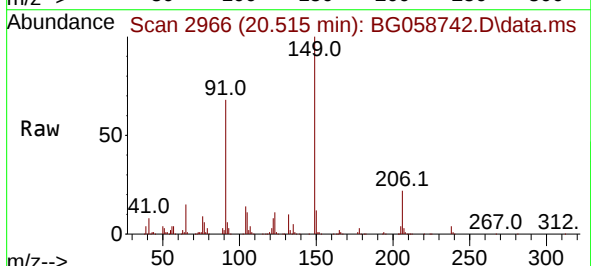
Manual Integrations

APPROVED

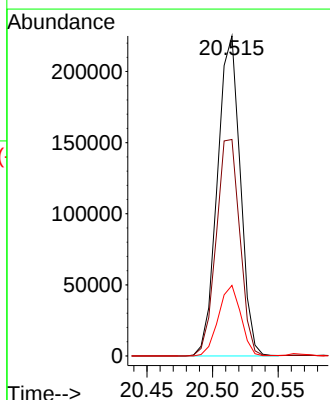
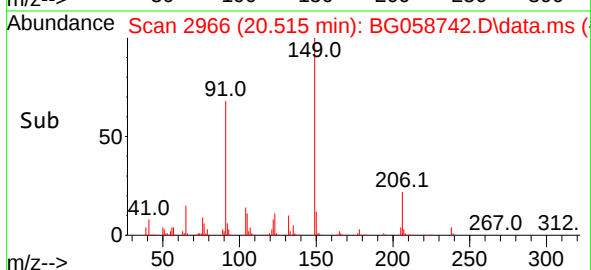
Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

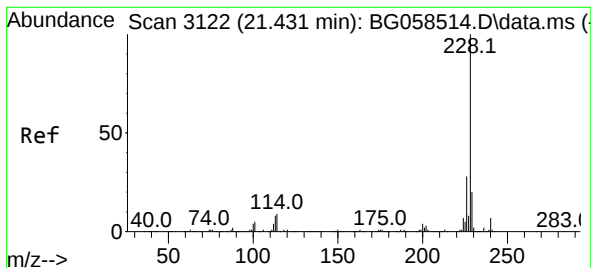


#80
 Butylbenzylphthalate
 Concen: 45.052 ng
 RT: 20.515 min Scan# 2966
 Delta R.T. 0.001 min
 Lab File: BG058742.D
 Acq: 16 Aug 2023 10:38



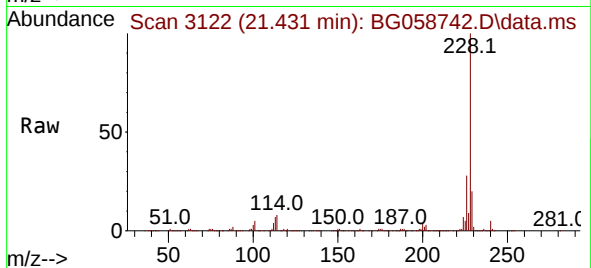
Tgt Ion:149 Resp: 272251
 Ion Ratio Lower Upper
 149 100
 91 67.7 58.4 87.6
 206 22.1 18.3 27.5





#81
Benzo(a)anthracene
Concen: 43.334 ng
RT: 21.431 min Scan# 3122
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

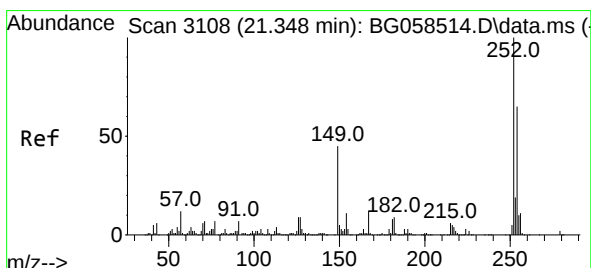
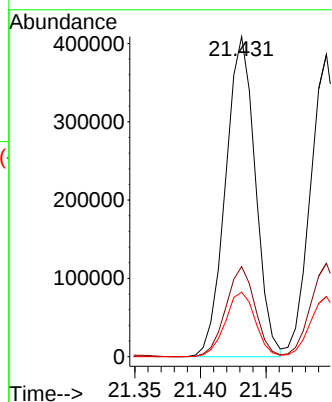
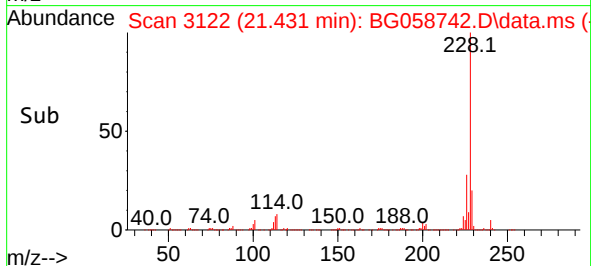
Instrument :
BNA_G
ClientSampleId :
PB154844BS



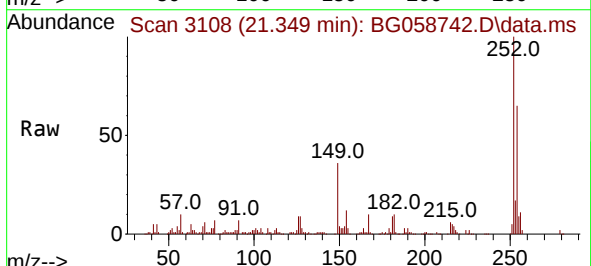
Tgt Ion:228 Resp: 64467
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.1 16.3 24.5

Manual Integrations
APPROVED

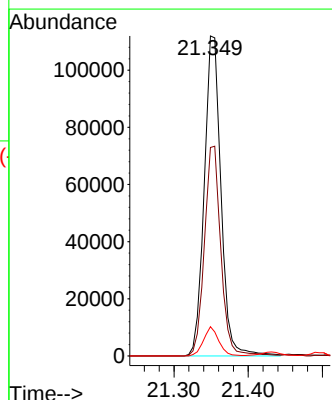
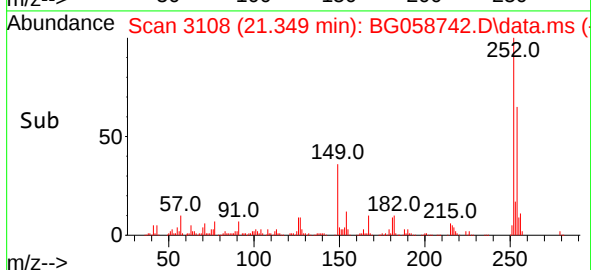
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

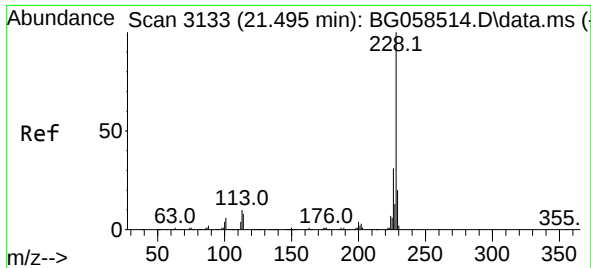


#82
3,3'-Dichlorobenzidine
Concen: 35.028 ng
RT: 21.349 min Scan# 3108
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38



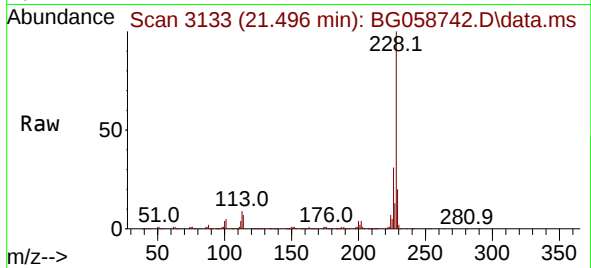
Tgt Ion:252 Resp: 176191
Ion Ratio Lower Upper
252 100
254 65.2 52.2 78.4
126 9.2 7.2 10.8





#83
Chrysene
Concen: 42.612 ng
RT: 21.496 min Scan# 3133
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

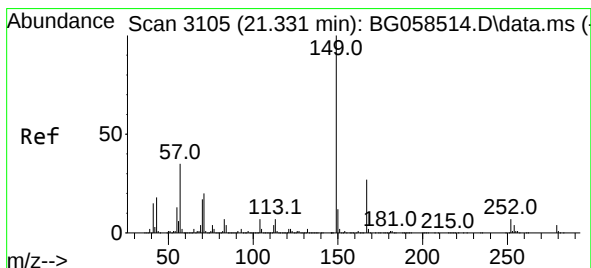
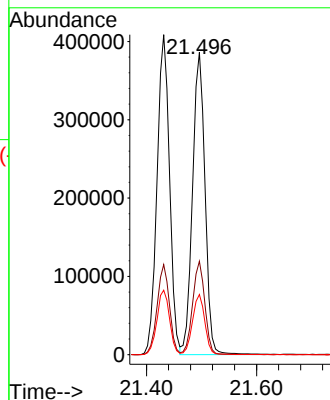
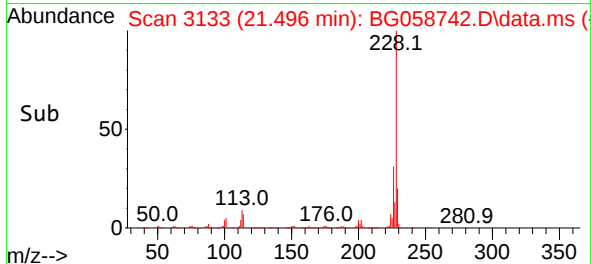
Instrument :
BNA_G
ClientSampleId :
PB154844BS



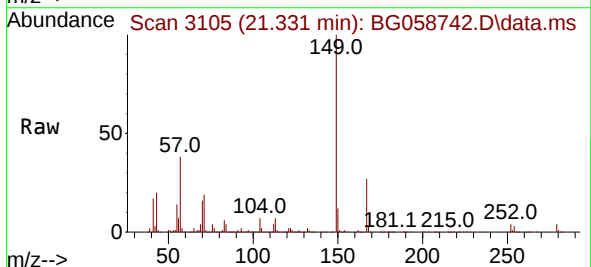
Tgt Ion:228 Resp: 60780
Ion Ratio Lower Upper
228 100
226 30.9 25.0 37.6
229 19.9 16.3 24.5

Manual Integrations
APPROVED

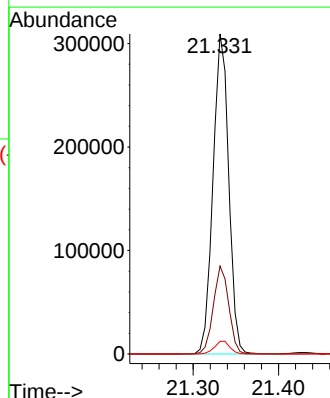
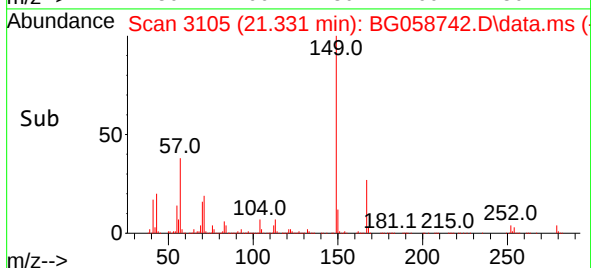
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

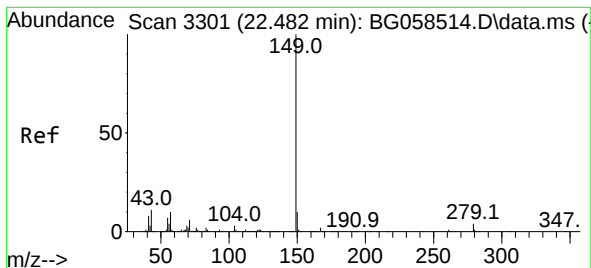


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.705 ng
RT: 21.331 min Scan# 3105
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38



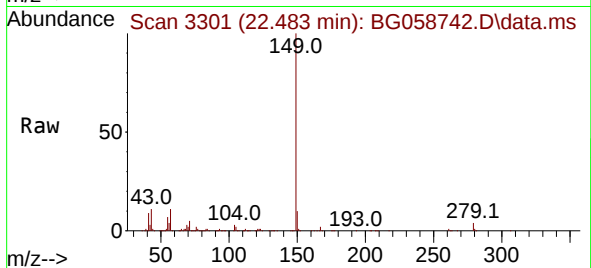
Tgt Ion:149 Resp: 394780
Ion Ratio Lower Upper
149 100
167 27.4 21.8 32.8
279 3.9 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 44.650 ng
RT: 22.483 min Scan# 3301
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

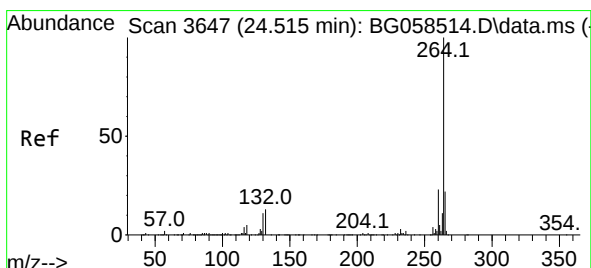
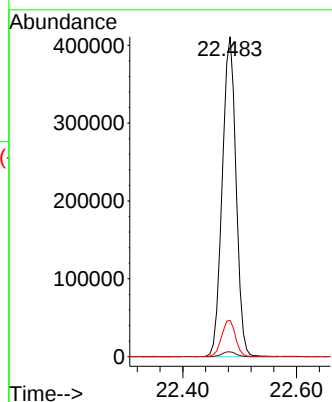
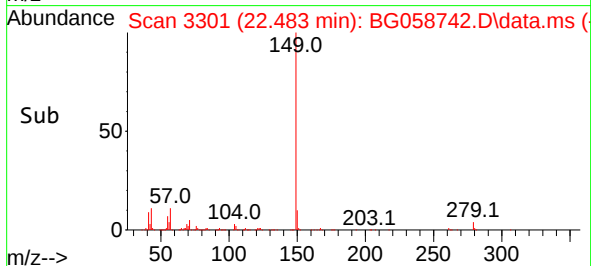
Instrument :
BNA_G
ClientSampleId :
PB154844BS



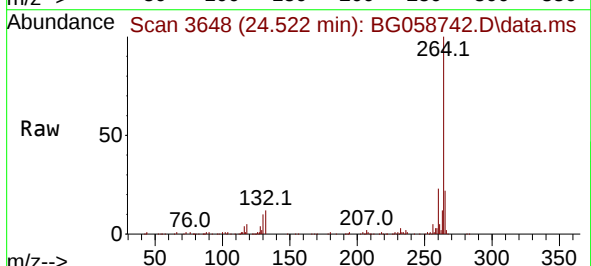
Tgt Ion:149 Resp: 693215
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.6 8.2 12.2

Manual Integrations
APPROVED

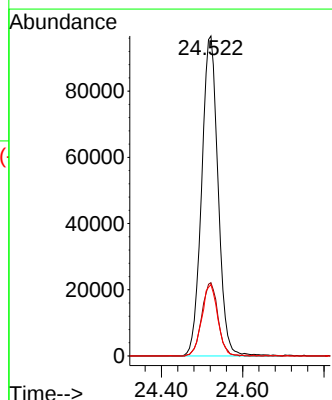
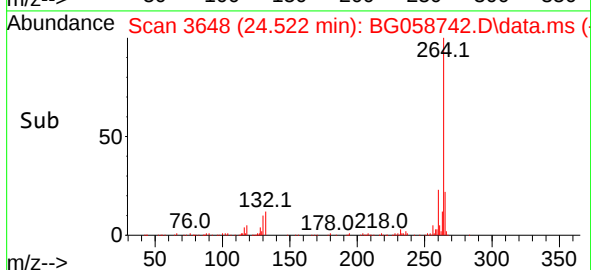
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

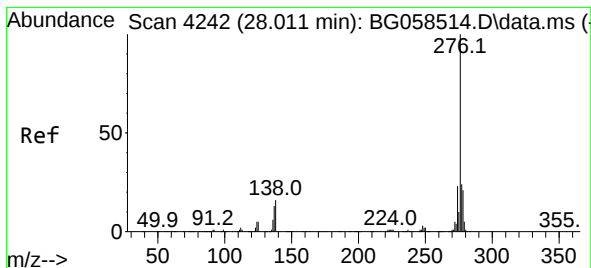


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.522 min Scan# 3648
Delta R.T. 0.007 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38



Tgt Ion:264 Resp: 270339
Ion Ratio Lower Upper
264 100
260 22.9 18.4 27.6
265 22.3 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.381 ng

RT: 28.024 min Scan# 4244

Delta R.T. 0.013 min

Lab File: BG058742.D

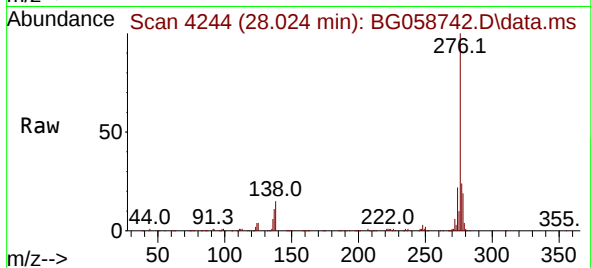
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

PB154844BS



Tgt Ion:276 Resp: 816170

Ion Ratio Lower Upper

276 100

138 17.9 16.0 24.0

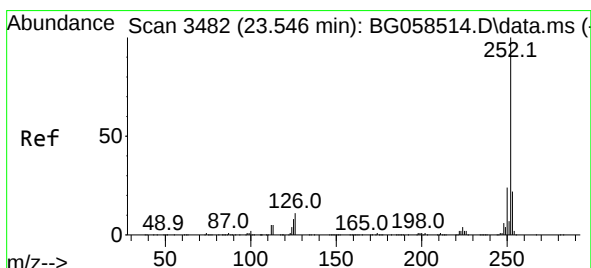
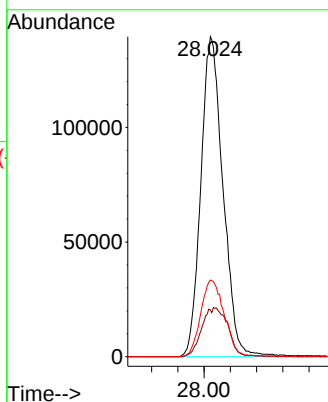
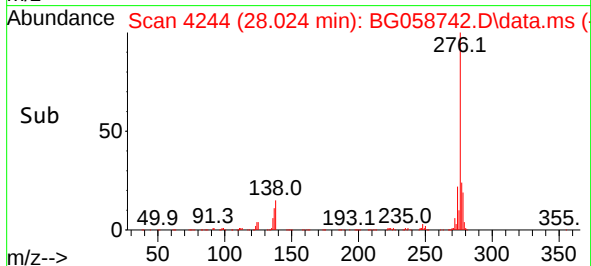
277 25.3 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#88

Benzo(b)fluoranthene

Concen: 47.616 ng

RT: 23.546 min Scan# 3482

Delta R.T. 0.001 min

Lab File: BG058742.D

Acq: 16 Aug 2023 10:38

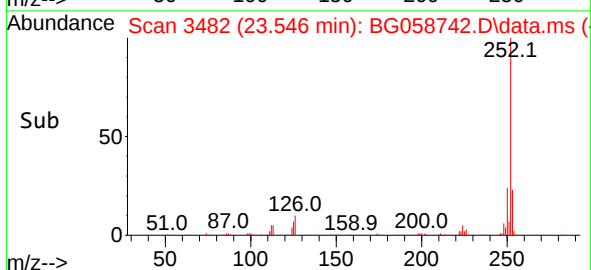
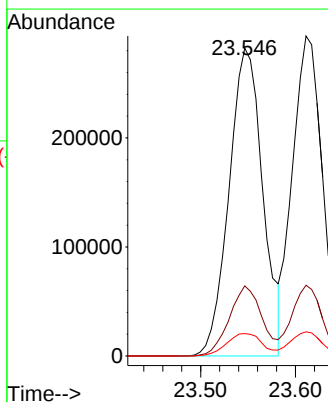
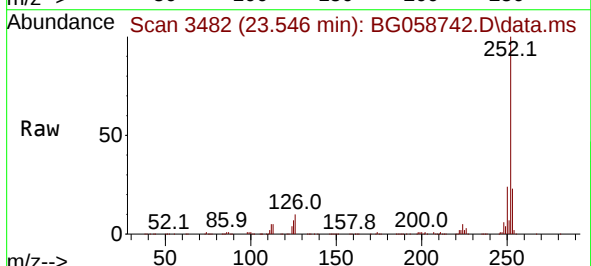
Tgt Ion:252 Resp: 698180

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

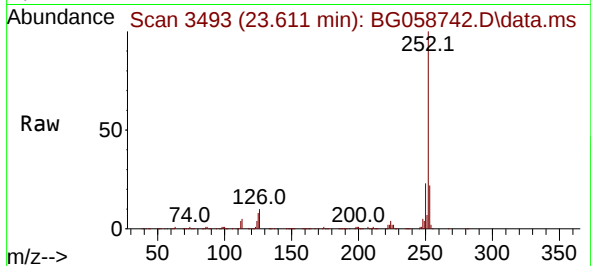
125 7.3 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 44.081 ng
RT: 23.611 min Scan# 3493
Delta R.T. 0.001 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38

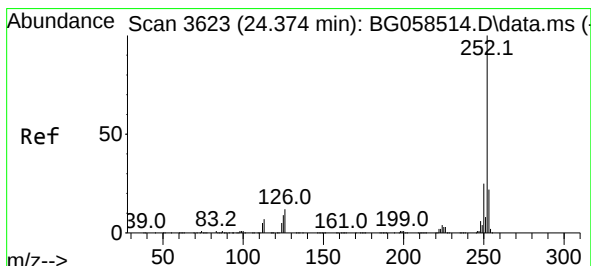
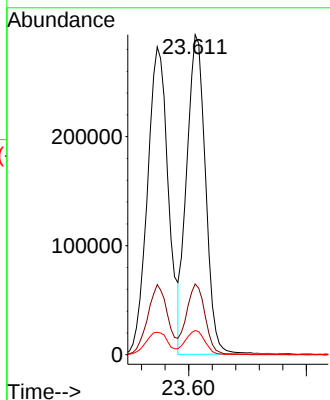
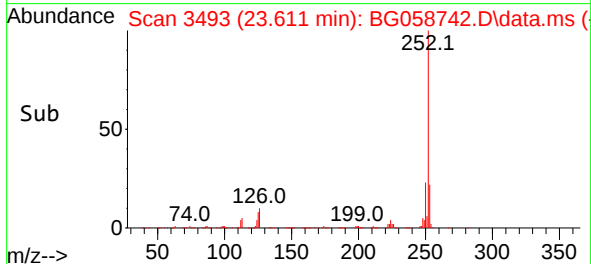
Instrument :
BNA_G
ClientSampleId :
PB154844BS



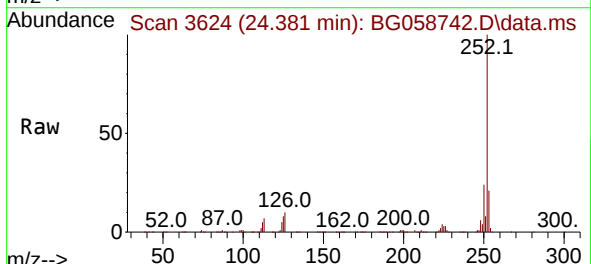
Tgt Ion:252 Resp: 649310
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 7.6 6.6 10.0

Manual Integrations
APPROVED

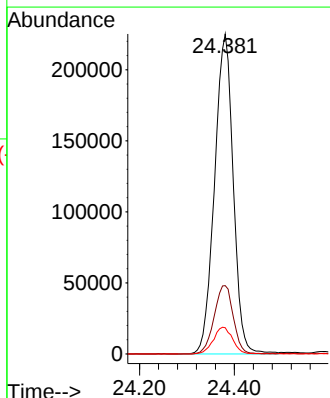
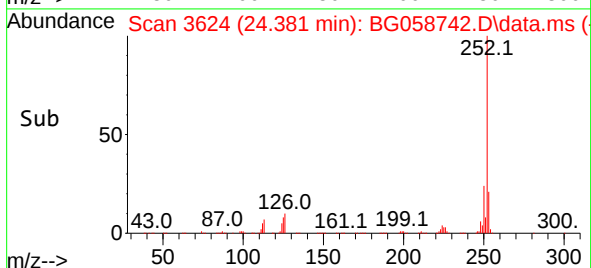
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

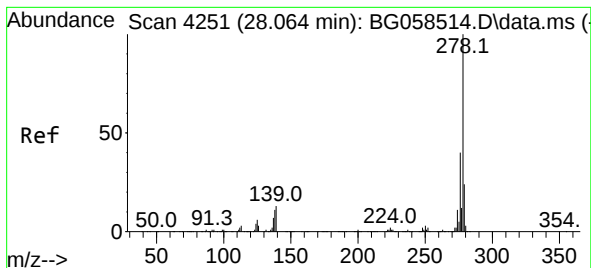


#90
Benzo(a)pyrene
Concen: 42.816 ng
RT: 24.381 min Scan# 3624
Delta R.T. 0.007 min
Lab File: BG058742.D
Acq: 16 Aug 2023 10:38



Tgt Ion:252 Resp: 616536
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 8.2 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 45.112 ng

RT: 28.082 min Scan# 41

Delta R.T. 0.018 min

Lab File: BG058742.D

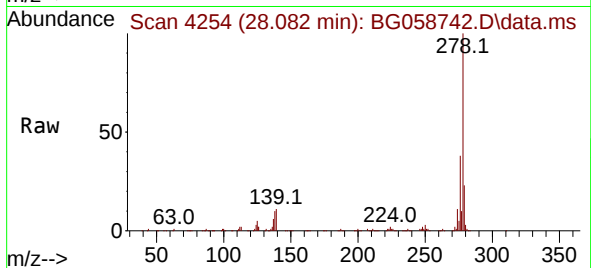
Acq: 16 Aug 2023 10:38

Instrument :

BNA_G

ClientSampleId :

PB154844BS



Tgt Ion: 278 Resp: 67085

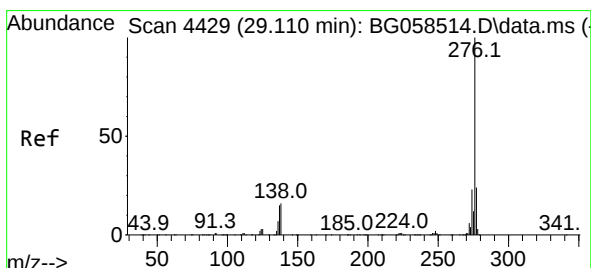
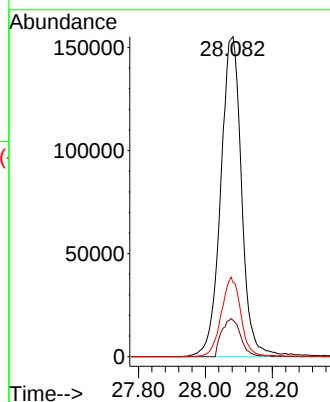
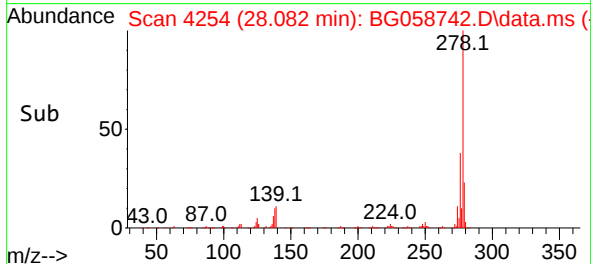
Ion	Ratio	Lower	Upper
278	100		
139	11.4	10.4	15.6
279	23.3	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#92

Benzo(g,h,i)perylene

Concen: 43.848 ng

RT: 29.116 min Scan# 4430

Delta R.T. 0.007 min

Lab File: BG058742.D

Acq: 16 Aug 2023 10:38

Tgt Ion: 276 Resp: 653858

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	16.1	13.0	19.4

